

Appendix B.26

NR Band n77(3700-3800)



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1. Effective (Isotropic) Radiated Power Output Data

1.1 15k_SISO_10MHz_NTNV_EIRP

1.1.1 Test Result

5G NR n78a SCS=15kHz SISO 10MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3705	Edge_1RB_Left	22.45	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	19.78	/	/	<=30	Pass
		Outer_Full	25.51	/	/	22.71	/	/	<=30	Pass
		Inner_Full	25.95	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	23.20	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.91	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	25.88	/	/	23.08	/	/	<=30	Pass
		Inner_Full	26.35	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	26.30	/	/	23.50	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.71	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.96	/	/	<=30	Pass
		Outer_Full	25.75	/	/	22.95	/	/	<=30	Pass
		Inner_Full	26.18	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	26.20	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	26.26	/	/	23.46	/	/	<=30	Pass
DFT-s-OFDM QPSK	3705	Edge_1RB_Left	22.43	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.79	/	/	<=30	Pass
		Outer_Full	25.03	/	/	22.23	/	/	<=30	Pass
		Inner_Full	25.93	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Left	25.91	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	26.04	/	/	23.24	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.95	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	20.14	/	/	<=30	Pass
		Outer_Full	25.42	/	/	22.62	/	/	<=30	Pass
		Inner_Full	26.36	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	26.29	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Right	26.39	/	/	23.59	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.80	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.01	/	/	<=30	Pass
		Outer_Full	25.30	/	/	22.50	/	/	<=30	Pass
		Inner_Full	26.20	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	26.10	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	26.29	/	/	23.49	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge_1RB_Left	22.49	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	19.84	/	/	<=30	Pass
		Outer_Full	24.02	/	/	21.22	/	/	<=30	Pass



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		Inner_Full	25.03	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	24.96	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Right	25.13	/	/	22.33	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.91	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	20.13	/	/	<=30	Pass
		Outer_Full	24.40	/	/	21.60	/	/	<=30	Pass
		Inner_Full	25.43	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Left	25.38	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Right	25.38	/	/	22.58	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.79	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	20.06	/	/	<=30	Pass
		Outer_Full	24.29	/	/	21.49	/	/	<=30	Pass
		Inner_Full	25.28	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	25.19	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Right	25.30	/	/	22.50	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Edge_1RB_Left	22.52	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.88	/	/	<=30	Pass
		Outer_Full	23.50	/	/	20.70	/	/	<=30	Pass
		Inner_Full	23.52	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	20.81	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.90	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	23.90	/	/	21.10	/	/	<=30	Pass
		Inner_Full	23.96	/	/	21.16	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	23.93	/	/	21.13	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.81	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.01	/	/	<=30	Pass
		Outer_Full	23.78	/	/	20.98	/	/	<=30	Pass
		Inner_Full	23.78	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Left	23.74	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	20.95	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3705	Edge_1RB_Left	21.32	/	/	18.52	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	18.65	/	/	<=30	Pass
		Outer_Full	21.49	/	/	18.69	/	/	<=30	Pass
		Inner_Full	21.47	/	/	18.67	/	/	<=30	Pass
		Inner_1RB_Left	21.34	/	/	18.54	/	/	<=30	Pass
		Inner_1RB_Right	21.39	/	/	18.59	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.77	/	/	18.97	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	18.97	/	/	<=30	Pass
		Outer_Full	21.85	/	/	19.05	/	/	<=30	Pass
		Inner_Full	21.82	/	/	19.02	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Right	21.76	/	/	18.96	/	/	<=30	Pass
	3795	Edge_1RB_Left	21.62	/	/	18.82	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	18.88	/	/	<=30	Pass
		Outer_Full	21.77	/	/	18.97	/	/	<=30	Pass
		Inner_Full	21.74	/	/	18.94	/	/	<=30	Pass



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		Inner_1RB_Left	21.61	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Right	21.67	/	/	18.87	/	/	<=30	Pass
CP-OFDM QPSK	3705	Edge_1RB_Left	22.39	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	19.70	/	/	<=30	Pass
		Outer_Full	23.04	/	/	20.24	/	/	<=30	Pass
		Inner_Full	24.53	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Left	24.44	/	/	21.64	/	/	<=30	Pass
	Inner_1RB_Right	24.57	/	/	21.77	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.81	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	20.00	/	/	<=30	Pass
		Outer_Full	23.37	/	/	20.57	/	/	<=30	Pass
		Inner_Full	24.90	/	/	22.10	/	/	<=30	Pass
		Inner_1RB_Left	24.98	/	/	22.18	/	/	<=30	Pass
	Inner_1RB_Right	25.03	/	/	22.23	/	/	<=30	Pass	
	3795	Edge_1RB_Left	22.60	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	19.90	/	/	<=30	Pass
		Outer_Full	23.27	/	/	20.47	/	/	<=30	Pass
Inner_Full		24.74	/	/	21.94	/	/	<=30	Pass	
Inner_1RB_Left		24.60	/	/	21.80	/	/	<=30	Pass	
CP-OFDM 16 QAM	3705	Inner_1RB_Right	24.65	/	/	21.85	/	/	<=30	Pass
		Edge_1RB_Left	22.56	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	19.82	/	/	<=30	Pass
		Outer_Full	23.02	/	/	20.22	/	/	<=30	Pass
		Inner_Full	24.02	/	/	21.22	/	/	<=30	Pass
	3750	Inner_1RB_Left	24.03	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Right	24.21	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Left	22.99	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	23.00	/	/	20.20	/	/	<=30	Pass
		Outer_Full	23.42	/	/	20.62	/	/	<=30	Pass
	3795	Inner_Full	24.41	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	21.68	/	/	<=30	Pass
		Edge_1RB_Left	22.92	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	20.16	/	/	<=30	Pass
CP-OFDM 64 QAM	3705	Outer_Full	23.29	/	/	20.49	/	/	<=30	Pass
		Inner_Full	24.24	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Left	24.38	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Right	24.44	/	/	21.64	/	/	<=30	Pass
		Edge_1RB_Left	22.54	/	/	19.74	/	/	<=30	Pass
	3750	Edge_1RB_Right	22.64	/	/	19.84	/	/	<=30	Pass
		Outer_Full	22.58	/	/	19.78	/	/	<=30	Pass
		Inner_Full	22.54	/	/	19.74	/	/	<=30	Pass
		Inner_1RB_Left	22.53	/	/	19.73	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	19.85	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.98	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	20.16	/	/	<=30	Pass
		Outer_Full	22.93	/	/	20.13	/	/	<=30	Pass
		Inner_Full	22.92	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Left	23.01	/	/	20.21	/	/	<=30	Pass



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	3795	Inner_1RB_Right	22.96	/	/	20.16	/	/	<=30	Pass	
		Edge_1RB_Left	22.72	/	/	19.92	/	/	<=30	Pass	
		Edge_1RB_Right	22.79	/	/	19.99	/	/	<=30	Pass	
		Outer_Full	22.87	/	/	20.07	/	/	<=30	Pass	
		Inner_Full	22.80	/	/	20.00	/	/	<=30	Pass	
		Inner_1RB_Left	22.72	/	/	19.92	/	/	<=30	Pass	
		Inner_1RB_Right	22.82	/	/	20.02	/	/	<=30	Pass	
CP-OFDM 256 QAM	3705	Edge_1RB_Left	19.48	/	/	16.68	/	/	<=30	Pass	
		Edge_1RB_Right	19.59	/	/	16.79	/	/	<=30	Pass	
		Outer_Full	19.52	/	/	16.72	/	/	<=30	Pass	
		Inner_Full	19.52	/	/	16.72	/	/	<=30	Pass	
		Inner_1RB_Left	19.50	/	/	16.70	/	/	<=30	Pass	
		Inner_1RB_Right	19.61	/	/	16.81	/	/	<=30	Pass	
	3750	Edge_1RB_Left	19.94	/	/	17.14	/	/	<=30	Pass	
		Edge_1RB_Right	19.92	/	/	17.12	/	/	<=30	Pass	
		Outer_Full	19.92	/	/	17.12	/	/	<=30	Pass	
		Inner_Full	19.92	/	/	17.12	/	/	<=30	Pass	
		Inner_1RB_Left	19.94	/	/	17.14	/	/	<=30	Pass	
		Inner_1RB_Right	19.98	/	/	17.18	/	/	<=30	Pass	
	3795	Edge_1RB_Left	19.75	/	/	16.95	/	/	<=30	Pass	
		Edge_1RB_Right	19.86	/	/	17.06	/	/	<=30	Pass	
		Outer_Full	19.74	/	/	16.94	/	/	<=30	Pass	
		Inner_Full	19.74	/	/	16.94	/	/	<=30	Pass	
		Inner_1RB_Left	19.77	/	/	16.97	/	/	<=30	Pass	
		Inner_1RB_Right	19.79	/	/	16.99	/	/	<=30	Pass	
	Note1: Antenna Gain: Ant5: -2.80dBi;										
	Note2: EIRP=Conducted Power+Antenna Gain										



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1.2 15k_SISO_15MHz_NTNV_EIRP

1.2.1 Test Result

5G NR n78a SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3707.505	Edge_1RB_Left	22.51	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	19.84	/	/	<=30	Pass
		Outer_Full	25.63	/	/	22.83	/	/	<=30	Pass
		Inner_Full	26.07	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Left	26.01	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Right	26.16	/	/	23.36	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.93	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	20.15	/	/	<=30	Pass
		Outer_Full	25.98	/	/	23.18	/	/	<=30	Pass
		Inner_Full	26.41	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	26.37	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Right	26.42	/	/	23.62	/	/	<=30	Pass
	3792.495	Edge_1RB_Left	22.85	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	25.93	/	/	23.13	/	/	<=30	Pass
		Inner_Full	26.42	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Left	26.38	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Right	26.37	/	/	23.57	/	/	<=30	Pass
DFT-s-OFDM QPSK	3707.505	Edge_1RB_Left	22.55	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	19.87	/	/	<=30	Pass
		Outer_Full	25.15	/	/	22.35	/	/	<=30	Pass
		Inner_Full	26.06	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	26.15	/	/	23.35	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.96	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	20.19	/	/	<=30	Pass
		Outer_Full	25.52	/	/	22.72	/	/	<=30	Pass
		Inner_Full	26.43	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	26.41	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Right	26.42	/	/	23.62	/	/	<=30	Pass
	3792.495	Edge_1RB_Left	22.90	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	25.42	/	/	22.62	/	/	<=30	Pass
		Inner_Full	26.35	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Left	26.30	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	26.36	/	/	23.56	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.505	Edge_1RB_Left	22.62	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	19.93	/	/	<=30	Pass
		Outer_Full	24.10	/	/	21.30	/	/	<=30	Pass
		Inner_Full	25.12	/	/	22.32	/	/	<=30	Pass
		Inner_1RB_Left	24.93	/	/	22.13	/	/	<=30	Pass



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Table with columns for test parameters (e.g., Inner_1RB_Right, Edge_1RB_Left), values, and pass/fail status. Rows are grouped by test type (DFT-s-OFDM 64 QAM, DFT-s-OFDM 256 QAM) and modulation schemes (3750, 3792.495, 3707.505).



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CP-OFDM QPSK	3707.505	Edge_1RB_Left	22.45	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	19.81	/	/	<=30	Pass
		Outer_Full	23.16	/	/	20.36	/	/	<=30	Pass
		Inner_Full	24.68	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Left	24.43	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	24.66	/	/	21.86	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.87	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	20.02	/	/	<=30	Pass
		Outer_Full	23.53	/	/	20.73	/	/	<=30	Pass
		Inner_Full	24.96	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Right	24.92	/	/	22.12	/	/	<=30	Pass
	3792.495	Edge_1RB_Left	22.72	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	19.98	/	/	<=30	Pass
		Outer_Full	23.43	/	/	20.63	/	/	<=30	Pass
		Inner_Full	24.95	/	/	22.15	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	21.96	/	/	<=30	Pass
		Inner_1RB_Right	24.83	/	/	22.03	/	/	<=30	Pass
CP-OFDM 16 QAM	3707.505	Edge_1RB_Left	22.62	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.96	/	/	<=30	Pass
		Outer_Full	23.17	/	/	20.37	/	/	<=30	Pass
		Inner_Full	24.20	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Left	24.17	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Right	24.33	/	/	21.53	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.03	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	23.00	/	/	20.20	/	/	<=30	Pass
		Outer_Full	23.48	/	/	20.68	/	/	<=30	Pass
		Inner_Full	24.50	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Left	24.54	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Right	24.54	/	/	21.74	/	/	<=30	Pass
	3792.495	Edge_1RB_Left	22.98	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	20.25	/	/	<=30	Pass
		Outer_Full	23.44	/	/	20.64	/	/	<=30	Pass
		Inner_Full	24.47	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Left	24.46	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	21.75	/	/	<=30	Pass
CP-OFDM 64 QAM	3707.505	Edge_1RB_Left	22.57	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	19.92	/	/	<=30	Pass
		Outer_Full	22.66	/	/	19.86	/	/	<=30	Pass
		Inner_Full	22.67	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Right	22.76	/	/	19.96	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.96	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	20.15	/	/	<=30	Pass
		Outer_Full	23.05	/	/	20.25	/	/	<=30	Pass
		Inner_Full	23.00	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	22.99	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Right	23.04	/	/	20.24	/	/	<=30	Pass
	3792.495	Edge_1RB_Left	22.89	/	/	20.09	/	/	<=30	Pass



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CP-OFDM 256 QAM	3707.505	Edge_1RB_Right	22.92	/	/	20.12	/	/	<=30	Pass	
		Outer_Full	22.94	/	/	20.14	/	/	<=30	Pass	
		Inner_Full	23.01	/	/	20.21	/	/	<=30	Pass	
		Inner_1RB_Left	22.88	/	/	20.08	/	/	<=30	Pass	
		Inner_1RB_Right	22.96	/	/	20.16	/	/	<=30	Pass	
	3750	3750	Edge_1RB_Left	19.55	/	/	16.75	/	/	<=30	Pass
			Edge_1RB_Right	19.69	/	/	16.89	/	/	<=30	Pass
			Outer_Full	19.65	/	/	16.85	/	/	<=30	Pass
			Inner_Full	19.65	/	/	16.85	/	/	<=30	Pass
			Inner_1RB_Left	19.62	/	/	16.82	/	/	<=30	Pass
	3792.495	3750	Inner_1RB_Right	19.80	/	/	17.00	/	/	<=30	Pass
			Edge_1RB_Left	19.92	/	/	17.12	/	/	<=30	Pass
			Edge_1RB_Right	20.02	/	/	17.22	/	/	<=30	Pass
			Outer_Full	20.00	/	/	17.20	/	/	<=30	Pass
			Inner_Full	20.00	/	/	17.20	/	/	<=30	Pass
	3792.495	3792.495	Inner_1RB_Left	20.01	/	/	17.21	/	/	<=30	Pass
			Inner_1RB_Right	20.04	/	/	17.24	/	/	<=30	Pass
			Edge_1RB_Left	19.89	/	/	17.09	/	/	<=30	Pass
			Edge_1RB_Right	19.93	/	/	17.13	/	/	<=30	Pass
			Outer_Full	19.93	/	/	17.13	/	/	<=30	Pass
3792.495	3792.495	Inner_Full	19.96	/	/	17.16	/	/	<=30	Pass	
		Inner_1RB_Left	19.90	/	/	17.10	/	/	<=30	Pass	
		Inner_1RB_Right	20.00	/	/	17.20	/	/	<=30	Pass	

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.3 15k_SISO_20MHz_NTNV_EIRP

1.3.1 Test Result

5G NR n78a SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	22.58	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.01	/	/	<=30	Pass
		Outer_Full	25.21	/	/	22.41	/	/	<=30	Pass
		Inner_Full	26.16	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Left	26.06	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	26.26	/	/	23.46	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.92	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	20.16	/	/	<=30	Pass
		Outer_Full	25.98	/	/	23.18	/	/	<=30	Pass
		Inner_Full	26.45	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	26.42	/	/	23.62	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.86	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	20.15	/	/	<=30	Pass
		Outer_Full	25.86	/	/	23.06	/	/	<=30	Pass
		Inner_Full	26.40	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Left	26.30	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	26.36	/	/	23.56	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	22.60	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	19.93	/	/	<=30	Pass
		Outer_Full	25.18	/	/	22.38	/	/	<=30	Pass
		Inner_Full	26.18	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	26.24	/	/	23.44	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.95	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	20.18	/	/	<=30	Pass
		Outer_Full	25.52	/	/	22.72	/	/	<=30	Pass
		Inner_Full	26.45	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Left	26.31	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Right	26.38	/	/	23.58	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.85	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	20.13	/	/	<=30	Pass
		Outer_Full	25.42	/	/	22.62	/	/	<=30	Pass
		Inner_Full	26.39	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Right	26.37	/	/	23.57	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.61	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	20.03	/	/	<=30	Pass
		Outer_Full	24.25	/	/	21.45	/	/	<=30	Pass
		Inner_Full	25.20	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	25.10	/	/	22.30	/	/	<=30	Pass



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	3750	Inner_1RB_Right	25.26	/	/	22.46	/	/	<=30	Pass	
		Edge_1RB_Left	22.97	/	/	20.17	/	/	<=30	Pass	
		Edge_1RB_Right	23.01	/	/	20.21	/	/	<=30	Pass	
		Outer_Full	24.49	/	/	21.69	/	/	<=30	Pass	
		Inner_Full	25.48	/	/	22.68	/	/	<=30	Pass	
		Inner_1RB_Left	25.50	/	/	22.70	/	/	<=30	Pass	
	3789.99	Inner_1RB_Right	25.44	/	/	22.64	/	/	<=30	Pass	
		Edge_1RB_Left	22.85	/	/	20.05	/	/	<=30	Pass	
		Edge_1RB_Right	22.96	/	/	20.16	/	/	<=30	Pass	
		Outer_Full	24.42	/	/	21.62	/	/	<=30	Pass	
		Inner_Full	25.38	/	/	22.58	/	/	<=30	Pass	
		Inner_1RB_Left	25.37	/	/	22.57	/	/	<=30	Pass	
	DFT-s-OFDM 64 QAM	3710.01	Inner_1RB_Right	25.46	/	/	22.66	/	/	<=30	Pass
			Edge_1RB_Left	22.62	/	/	19.82	/	/	<=30	Pass
Edge_1RB_Right			22.83	/	/	20.03	/	/	<=30	Pass	
Outer_Full			23.66	/	/	20.86	/	/	<=30	Pass	
Inner_Full			23.69	/	/	20.89	/	/	<=30	Pass	
Inner_1RB_Left			23.53	/	/	20.73	/	/	<=30	Pass	
3750		Inner_1RB_Right	23.73	/	/	20.93	/	/	<=30	Pass	
		Edge_1RB_Left	23.01	/	/	20.21	/	/	<=30	Pass	
		Edge_1RB_Right	22.99	/	/	20.19	/	/	<=30	Pass	
		Outer_Full	23.95	/	/	21.15	/	/	<=30	Pass	
		Inner_Full	23.99	/	/	21.19	/	/	<=30	Pass	
		Inner_1RB_Left	23.93	/	/	21.13	/	/	<=30	Pass	
3789.99		Inner_1RB_Right	23.91	/	/	21.11	/	/	<=30	Pass	
		Edge_1RB_Left	22.94	/	/	20.14	/	/	<=30	Pass	
	Edge_1RB_Right	23.02	/	/	20.22	/	/	<=30	Pass		
	Outer_Full	23.88	/	/	21.08	/	/	<=30	Pass		
	Inner_Full	23.91	/	/	21.11	/	/	<=30	Pass		
	Inner_1RB_Left	23.87	/	/	21.07	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3710.01	Inner_1RB_Right	23.92	/	/	21.12	/	/	<=30	Pass	
		Edge_1RB_Left	21.44	/	/	18.64	/	/	<=30	Pass	
		Edge_1RB_Right	21.58	/	/	18.78	/	/	<=30	Pass	
		Outer_Full	21.69	/	/	18.89	/	/	<=30	Pass	
		Inner_Full	21.67	/	/	18.87	/	/	<=30	Pass	
		Inner_1RB_Left	21.44	/	/	18.64	/	/	<=30	Pass	
	3750	Inner_1RB_Right	21.55	/	/	18.75	/	/	<=30	Pass	
		Edge_1RB_Left	21.79	/	/	18.99	/	/	<=30	Pass	
		Edge_1RB_Right	21.81	/	/	19.01	/	/	<=30	Pass	
		Outer_Full	22.02	/	/	19.22	/	/	<=30	Pass	
		Inner_Full	21.96	/	/	19.16	/	/	<=30	Pass	
		Inner_1RB_Left	21.78	/	/	18.98	/	/	<=30	Pass	
	3789.99	Inner_1RB_Right	21.84	/	/	19.04	/	/	<=30	Pass	
		Edge_1RB_Left	21.68	/	/	18.88	/	/	<=30	Pass	
Edge_1RB_Right		21.73	/	/	18.93	/	/	<=30	Pass		
Outer_Full		21.93	/	/	19.13	/	/	<=30	Pass		
Inner_Full		21.90	/	/	19.10	/	/	<=30	Pass		
Inner_1RB_Left		21.67	/	/	18.87	/	/	<=30	Pass		
		Inner_1RB_Right	21.73	/	/	18.93	/	/	<=30	Pass	



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CP-OFDM QPSK	3710.01	Edge_1RB_Left	22.49	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	19.84	/	/	<=30	Pass
		Outer_Full	23.21	/	/	20.41	/	/	<=30	Pass
		Inner_Full	24.72	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Left	24.53	/	/	21.73	/	/	<=30	Pass
	Inner_1RB_Right	24.68	/	/	21.88	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.82	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	20.03	/	/	<=30	Pass
		Outer_Full	23.50	/	/	20.70	/	/	<=30	Pass
		Inner_Full	24.97	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Left	24.98	/	/	22.18	/	/	<=30	Pass
	Inner_1RB_Right	24.95	/	/	22.15	/	/	<=30	Pass	
	3789.99	Edge_1RB_Left	22.72	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	20.02	/	/	<=30	Pass
		Outer_Full	23.39	/	/	20.59	/	/	<=30	Pass
Inner_Full		24.90	/	/	22.10	/	/	<=30	Pass	
Inner_1RB_Left		24.92	/	/	22.12	/	/	<=30	Pass	
Inner_1RB_Right	25.09	/	/	22.29	/	/	<=30	Pass		
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.63	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	20.09	/	/	<=30	Pass
		Outer_Full	23.19	/	/	20.39	/	/	<=30	Pass
		Inner_Full	24.18	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Left	24.21	/	/	21.41	/	/	<=30	Pass
	Inner_1RB_Right	24.33	/	/	21.53	/	/	<=30	Pass	
	3750	Edge_1RB_Left	23.06	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	23.08	/	/	20.28	/	/	<=30	Pass
		Outer_Full	23.49	/	/	20.69	/	/	<=30	Pass
		Inner_Full	24.46	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Left	24.49	/	/	21.69	/	/	<=30	Pass
	Inner_1RB_Right	24.51	/	/	21.71	/	/	<=30	Pass	
	3789.99	Edge_1RB_Left	22.94	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	20.22	/	/	<=30	Pass
		Outer_Full	23.39	/	/	20.59	/	/	<=30	Pass
Inner_Full		24.39	/	/	21.59	/	/	<=30	Pass	
Inner_1RB_Left		24.41	/	/	21.61	/	/	<=30	Pass	
Inner_1RB_Right	24.46	/	/	21.66	/	/	<=30	Pass		
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	22.59	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.01	/	/	<=30	Pass
		Outer_Full	22.70	/	/	19.90	/	/	<=30	Pass
		Inner_Full	22.68	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	19.81	/	/	<=30	Pass
	Inner_1RB_Right	22.76	/	/	19.96	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	20.21	/	/	<=30	Pass
		Outer_Full	22.99	/	/	20.19	/	/	<=30	Pass
		Inner_Full	22.98	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	20.23	/	/	<=30	Pass
	Inner_1RB_Right	23.03	/	/	20.23	/	/	<=30	Pass	
	3789.99	Edge_1RB_Left	22.95	/	/	20.15	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	23.02	/	/	20.22	/	/	<=30	Pass
		Outer_Full	22.89	/	/	20.09	/	/	<=30	Pass
		Inner_Full	22.90	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Right	23.00	/	/	20.20	/	/	<=30	Pass
	3710.01	Edge_1RB_Left	19.61	/	/	16.81	/	/	<=30	Pass
		Edge_1RB_Right	19.83	/	/	17.03	/	/	<=30	Pass
		Outer_Full	19.72	/	/	16.92	/	/	<=30	Pass
		Inner_Full	19.69	/	/	16.89	/	/	<=30	Pass
		Inner_1RB_Left	19.67	/	/	16.87	/	/	<=30	Pass
	3750	Inner_1RB_Right	19.82	/	/	17.02	/	/	<=30	Pass
		Edge_1RB_Left	19.93	/	/	17.13	/	/	<=30	Pass
		Edge_1RB_Right	20.00	/	/	17.20	/	/	<=30	Pass
		Outer_Full	19.99	/	/	17.19	/	/	<=30	Pass
		Inner_Full	19.95	/	/	17.15	/	/	<=30	Pass
	3789.99	Inner_1RB_Left	19.99	/	/	17.19	/	/	<=30	Pass
		Inner_1RB_Right	20.01	/	/	17.21	/	/	<=30	Pass
		Edge_1RB_Left	19.87	/	/	17.07	/	/	<=30	Pass
		Edge_1RB_Right	19.96	/	/	17.16	/	/	<=30	Pass
		Outer_Full	19.93	/	/	17.13	/	/	<=30	Pass
	Inner_Full	19.89	/	/	17.09	/	/	<=30	Pass	
	Inner_1RB_Left	19.94	/	/	17.14	/	/	<=30	Pass	
	Inner_1RB_Right	20.01	/	/	17.21	/	/	<=30	Pass	

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.4 15k_SISO_25MHz_NTNV_EIRP

1.4.1 Test Result

5G NR n78a SCS=15kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3712.5	Edge_1RB_Left	22.58	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	19.99	/	/	<=30	Pass
		Outer_Full	25.74	/	/	22.94	/	/	<=30	Pass
		Inner_Full	26.21	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	26.21	/	/	23.41	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.89	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	20.12	/	/	<=30	Pass
		Outer_Full	26.05	/	/	23.25	/	/	<=30	Pass
		Inner_Full	26.53	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Left	26.32	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	26.41	/	/	23.61	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.86	/	/	20.06	/	/	<=30	Pass
		Outer_Full	25.89	/	/	23.09	/	/	<=30	Pass
		Inner_Full	26.35	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Left	26.24	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Right	26.36	/	/	23.56	/	/	<=30	Pass
DFT-s-OFDM QPSK	3712.5	Edge_1RB_Left	22.58	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	20.05	/	/	<=30	Pass
		Outer_Full	25.26	/	/	22.46	/	/	<=30	Pass
		Inner_Full	26.21	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Right	26.23	/	/	23.43	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.92	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	20.13	/	/	<=30	Pass
		Outer_Full	25.53	/	/	22.73	/	/	<=30	Pass
		Inner_Full	26.50	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Right	26.42	/	/	23.62	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.79	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	20.07	/	/	<=30	Pass
		Outer_Full	25.36	/	/	22.56	/	/	<=30	Pass
		Inner_Full	26.35	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Left	26.27	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	26.29	/	/	23.49	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Edge_1RB_Left	22.65	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	20.12	/	/	<=30	Pass
		Outer_Full	24.32	/	/	21.52	/	/	<=30	Pass
		Inner_Full	25.24	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	22.32	/	/	<=30	Pass



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	3750	Inner_1RB_Right	25.34	/	/	22.54	/	/	<=30	Pass	
		Edge_1RB_Left	22.96	/	/	20.16	/	/	<=30	Pass	
		Edge_1RB_Right	23.00	/	/	20.20	/	/	<=30	Pass	
		Outer_Full	24.58	/	/	21.78	/	/	<=30	Pass	
		Inner_Full	25.51	/	/	22.71	/	/	<=30	Pass	
		Inner_1RB_Left	25.38	/	/	22.58	/	/	<=30	Pass	
	3787.5	Inner_1RB_Right	25.42	/	/	22.62	/	/	<=30	Pass	
		Edge_1RB_Left	22.84	/	/	20.04	/	/	<=30	Pass	
		Edge_1RB_Right	22.87	/	/	20.07	/	/	<=30	Pass	
		Outer_Full	24.37	/	/	21.57	/	/	<=30	Pass	
		Inner_Full	25.34	/	/	22.54	/	/	<=30	Pass	
		Inner_1RB_Left	25.26	/	/	22.46	/	/	<=30	Pass	
	DFT-s-OFDM 64 QAM	3712.5	Inner_1RB_Right	25.35	/	/	22.55	/	/	<=30	Pass
			Edge_1RB_Left	22.70	/	/	19.90	/	/	<=30	Pass
Edge_1RB_Right			22.82	/	/	20.02	/	/	<=30	Pass	
Outer_Full			23.80	/	/	21.00	/	/	<=30	Pass	
Inner_Full			23.85	/	/	21.05	/	/	<=30	Pass	
Inner_1RB_Left			23.54	/	/	20.74	/	/	<=30	Pass	
3750		Inner_1RB_Right	23.78	/	/	20.98	/	/	<=30	Pass	
		Edge_1RB_Left	22.99	/	/	20.19	/	/	<=30	Pass	
		Edge_1RB_Right	23.02	/	/	20.22	/	/	<=30	Pass	
		Outer_Full	24.08	/	/	21.28	/	/	<=30	Pass	
		Inner_Full	24.08	/	/	21.28	/	/	<=30	Pass	
		Inner_1RB_Left	23.83	/	/	21.03	/	/	<=30	Pass	
3787.5		Inner_1RB_Right	23.94	/	/	21.14	/	/	<=30	Pass	
		Edge_1RB_Left	22.80	/	/	20.00	/	/	<=30	Pass	
	Edge_1RB_Right	22.82	/	/	20.02	/	/	<=30	Pass		
	Outer_Full	23.90	/	/	21.10	/	/	<=30	Pass		
	Inner_Full	23.90	/	/	21.10	/	/	<=30	Pass		
	Inner_1RB_Left	23.69	/	/	20.89	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3712.5	Inner_1RB_Right	23.87	/	/	21.07	/	/	<=30	Pass	
		Edge_1RB_Left	21.42	/	/	18.62	/	/	<=30	Pass	
		Edge_1RB_Right	21.67	/	/	18.87	/	/	<=30	Pass	
		Outer_Full	21.83	/	/	19.03	/	/	<=30	Pass	
		Inner_Full	21.80	/	/	19.00	/	/	<=30	Pass	
		Inner_1RB_Left	21.43	/	/	18.63	/	/	<=30	Pass	
	3750	Inner_1RB_Right	21.67	/	/	18.87	/	/	<=30	Pass	
		Edge_1RB_Left	21.72	/	/	18.92	/	/	<=30	Pass	
		Edge_1RB_Right	21.79	/	/	18.99	/	/	<=30	Pass	
		Outer_Full	22.07	/	/	19.27	/	/	<=30	Pass	
		Inner_Full	22.07	/	/	19.27	/	/	<=30	Pass	
		Inner_1RB_Left	21.70	/	/	18.90	/	/	<=30	Pass	
	3787.5	Inner_1RB_Right	21.72	/	/	18.92	/	/	<=30	Pass	
		Edge_1RB_Left	21.64	/	/	18.84	/	/	<=30	Pass	
Edge_1RB_Right		21.70	/	/	18.90	/	/	<=30	Pass		
Outer_Full		21.91	/	/	19.11	/	/	<=30	Pass		
Inner_Full		21.85	/	/	19.05	/	/	<=30	Pass		
Inner_1RB_Left		21.52	/	/	18.72	/	/	<=30	Pass		
		Inner_1RB_Right	21.68	/	/	18.88	/	/	<=30	Pass	



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CP-OFDM QPSK	3712.5	Edge_1RB_Left	22.50	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	19.95	/	/	<=30	Pass
		Outer_Full	23.29	/	/	20.49	/	/	<=30	Pass
		Inner_Full	24.78	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Left	24.53	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Right	24.74	/	/	21.94	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.77	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	20.04	/	/	<=30	Pass
		Outer_Full	23.55	/	/	20.75	/	/	<=30	Pass
		Inner_Full	25.05	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Left	24.91	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Right	25.07	/	/	22.27	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	19.95	/	/	<=30	Pass
		Outer_Full	23.39	/	/	20.59	/	/	<=30	Pass
		Inner_Full	24.86	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	22.09	/	/	<=30	Pass
CP-OFDM 16 QAM	3712.5	Edge_1RB_Left	22.77	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	20.15	/	/	<=30	Pass
		Outer_Full	23.27	/	/	20.47	/	/	<=30	Pass
		Inner_Full	24.29	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Right	24.41	/	/	21.61	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.00	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	20.27	/	/	<=30	Pass
		Outer_Full	23.54	/	/	20.74	/	/	<=30	Pass
		Inner_Full	24.53	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Left	24.47	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	24.47	/	/	21.67	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.88	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	20.17	/	/	<=30	Pass
		Outer_Full	23.39	/	/	20.59	/	/	<=30	Pass
		Inner_Full	24.37	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Left	24.39	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	24.42	/	/	21.62	/	/	<=30	Pass
CP-OFDM 64 QAM	3712.5	Edge_1RB_Left	22.61	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	20.02	/	/	<=30	Pass
		Outer_Full	22.78	/	/	19.98	/	/	<=30	Pass
		Inner_Full	22.78	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	22.64	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Right	22.80	/	/	20.00	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.00	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	23.08	/	/	20.28	/	/	<=30	Pass
		Outer_Full	23.04	/	/	20.24	/	/	<=30	Pass
		Inner_Full	23.08	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	20.23	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.84	/	/	20.04	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	22.97	/	/	20.17	/	/	<=30	Pass
		Outer_Full	22.89	/	/	20.09	/	/	<=30	Pass
		Inner_Full	22.91	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	22.90	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	20.11	/	/	<=30	Pass
	3712.5	Edge_1RB_Left	19.65	/	/	16.85	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	17.08	/	/	<=30	Pass
		Outer_Full	19.79	/	/	16.99	/	/	<=30	Pass
		Inner_Full	19.78	/	/	16.98	/	/	<=30	Pass
		Inner_1RB_Left	19.66	/	/	16.86	/	/	<=30	Pass
	3750	Inner_1RB_Right	19.85	/	/	17.05	/	/	<=30	Pass
		Edge_1RB_Left	19.95	/	/	17.15	/	/	<=30	Pass
		Edge_1RB_Right	20.02	/	/	17.22	/	/	<=30	Pass
		Outer_Full	20.06	/	/	17.26	/	/	<=30	Pass
		Inner_Full	20.05	/	/	17.25	/	/	<=30	Pass
	3787.5	Inner_1RB_Left	19.95	/	/	17.15	/	/	<=30	Pass
		Inner_1RB_Right	20.01	/	/	17.21	/	/	<=30	Pass
		Edge_1RB_Left	19.81	/	/	17.01	/	/	<=30	Pass
		Edge_1RB_Right	19.87	/	/	17.07	/	/	<=30	Pass
		Outer_Full	19.88	/	/	17.08	/	/	<=30	Pass
		Inner_Full	19.89	/	/	17.09	/	/	<=30	Pass
		Inner_1RB_Left	19.83	/	/	17.03	/	/	<=30	Pass
		Inner_1RB_Right	19.87	/	/	17.07	/	/	<=30	Pass

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.5 15k_SISO_30MHz_NTNV_EIRP

1.5.1 Test Result

5G NR n78a SCS=15kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.005	Edge_1RB_Left	22.49	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	20.13	/	/	<=30	Pass
		Outer_Full	25.22	/	/	22.42	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Left	25.84	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	26.32	/	/	23.52	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.89	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	20.17	/	/	<=30	Pass
		Outer_Full	26.02	/	/	23.22	/	/	<=30	Pass
		Inner_Full	26.54	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Left	26.36	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Right	26.46	/	/	23.66	/	/	<=30	Pass
	3784.995	Edge_1RB_Left	22.95	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	20.05	/	/	<=30	Pass
		Outer_Full	25.98	/	/	23.18	/	/	<=30	Pass
		Inner_Full	26.51	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Left	26.44	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Right	26.42	/	/	23.62	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.005	Edge_1RB_Left	22.47	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	20.15	/	/	<=30	Pass
		Outer_Full	25.22	/	/	22.42	/	/	<=30	Pass
		Inner_Full	26.16	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Left	25.84	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	26.33	/	/	23.53	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.91	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	20.19	/	/	<=30	Pass
		Outer_Full	25.56	/	/	22.76	/	/	<=30	Pass
		Inner_Full	26.55	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	26.45	/	/	23.65	/	/	<=30	Pass
	3784.995	Edge_1RB_Left	22.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	25.48	/	/	22.68	/	/	<=30	Pass
		Inner_Full	26.51	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Left	26.45	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Right	26.38	/	/	23.58	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.005	Edge_1RB_Left	22.55	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	20.13	/	/	<=30	Pass
		Outer_Full	24.19	/	/	21.39	/	/	<=30	Pass
		Inner_Full	25.22	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Left	24.91	/	/	22.11	/	/	<=30	Pass



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Table with columns for test parameters (e.g., Inner_1RB_Right, Edge_1RB_Left), values, and pass/fail status. Rows are grouped by test type (DFT-s-OFDM 64 QAM, DFT-s-OFDM 256 QAM) and modulation schemes (3750, 3784.995).



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CP-OFDM QPSK	3715.005	Edge_1RB_Left	22.38	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.96	/	/	<=30	Pass
		Outer_Full	23.25	/	/	20.45	/	/	<=30	Pass
		Inner_Full	24.75	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Left	24.37	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Right	24.86	/	/	22.06	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	20.00	/	/	<=30	Pass
		Outer_Full	23.52	/	/	20.72	/	/	<=30	Pass
		Inner_Full	25.11	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Left	24.83	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Right	24.90	/	/	22.10	/	/	<=30	Pass
	3784.995	Edge_1RB_Left	22.86	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	19.89	/	/	<=30	Pass
		Outer_Full	23.45	/	/	20.65	/	/	<=30	Pass
		Inner_Full	25.00	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Left	24.83	/	/	22.03	/	/	<=30	Pass
		Inner_1RB_Right	24.79	/	/	21.99	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.005	Edge_1RB_Left	22.57	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	20.16	/	/	<=30	Pass
		Outer_Full	23.21	/	/	20.41	/	/	<=30	Pass
		Inner_Full	24.23	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Right	24.56	/	/	21.76	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.03	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	20.26	/	/	<=30	Pass
		Outer_Full	23.53	/	/	20.73	/	/	<=30	Pass
		Inner_Full	24.55	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	24.51	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Right	24.63	/	/	21.83	/	/	<=30	Pass
	3784.995	Edge_1RB_Left	23.11	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	20.23	/	/	<=30	Pass
		Outer_Full	23.45	/	/	20.65	/	/	<=30	Pass
		Inner_Full	24.50	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Left	24.56	/	/	21.76	/	/	<=30	Pass
		Inner_1RB_Right	24.55	/	/	21.75	/	/	<=30	Pass
CP-OFDM 64 QAM	3715.005	Edge_1RB_Left	22.50	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	22.75	/	/	19.95	/	/	<=30	Pass
		Inner_Full	22.79	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Right	23.02	/	/	20.22	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.90	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	20.14	/	/	<=30	Pass
		Outer_Full	23.05	/	/	20.25	/	/	<=30	Pass
		Inner_Full	23.10	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	20.23	/	/	<=30	Pass
	3784.995	Edge_1RB_Left	22.97	/	/	20.17	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	22.87	/	/	20.07	/	/	<=30	Pass
		Outer_Full	22.98	/	/	20.18	/	/	<=30	Pass
		Inner_Full	23.01	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	20.16	/	/	<=30	Pass
	3715.005	Edge_1RB_Left	19.50	/	/	16.70	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	17.14	/	/	<=30	Pass
		Outer_Full	19.76	/	/	16.96	/	/	<=30	Pass
		Inner_Full	19.75	/	/	16.95	/	/	<=30	Pass
		Inner_1RB_Left	19.58	/	/	16.78	/	/	<=30	Pass
	3750	Inner_1RB_Right	19.98	/	/	17.18	/	/	<=30	Pass
		Edge_1RB_Left	19.94	/	/	17.14	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	17.14	/	/	<=30	Pass
		Outer_Full	20.04	/	/	17.24	/	/	<=30	Pass
		Inner_Full	20.06	/	/	17.26	/	/	<=30	Pass
	3784.995	Inner_1RB_Left	19.94	/	/	17.14	/	/	<=30	Pass
		Inner_1RB_Right	20.04	/	/	17.24	/	/	<=30	Pass
		Edge_1RB_Left	20.00	/	/	17.20	/	/	<=30	Pass
		Edge_1RB_Right	19.89	/	/	17.09	/	/	<=30	Pass
		Outer_Full	20.03	/	/	17.23	/	/	<=30	Pass
	Inner_Full	19.98	/	/	17.18	/	/	<=30	Pass	
	Inner_1RB_Left	20.04	/	/	17.24	/	/	<=30	Pass	
	Inner_1RB_Right	20.00	/	/	17.20	/	/	<=30	Pass	

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.6 15k_SISO_40MHz_NTNV_EIRP

1.6.1 Test Result

5G NR n78a SCS=15kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Edge_1RB_Left	22.58	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	20.17	/	/	<=30	Pass
		Outer_Full	25.79	/	/	22.99	/	/	<=30	Pass
		Inner_Full	26.30	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Right	26.43	/	/	23.63	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.83	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	20.14	/	/	<=30	Pass
		Outer_Full	26.01	/	/	23.21	/	/	<=30	Pass
		Inner_Full	26.52	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Left	26.30	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	26.42	/	/	23.62	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.90	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	20.10	/	/	<=30	Pass
		Outer_Full	25.96	/	/	23.16	/	/	<=30	Pass
		Inner_Full	26.50	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Left	26.37	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Right	26.42	/	/	23.62	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	22.58	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	20.21	/	/	<=30	Pass
		Outer_Full	25.34	/	/	22.54	/	/	<=30	Pass
		Inner_Full	26.30	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Left	25.92	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Right	26.41	/	/	23.61	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.81	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	20.16	/	/	<=30	Pass
		Outer_Full	25.49	/	/	22.69	/	/	<=30	Pass
		Inner_Full	26.55	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Left	26.26	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Right	26.39	/	/	23.59	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	20.17	/	/	<=30	Pass
		Outer_Full	25.41	/	/	22.61	/	/	<=30	Pass
		Inner_Full	26.48	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	26.41	/	/	23.61	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge_1RB_Left	22.65	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	20.23	/	/	<=30	Pass
		Outer_Full	24.35	/	/	21.55	/	/	<=30	Pass
		Inner_Full	25.36	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	24.95	/	/	22.15	/	/	<=30	Pass



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	3750	Inner_1RB_Right	25.37	/	/	22.57	/	/	<=30	Pass
		Edge_1RB_Left	22.93	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	20.19	/	/	<=30	Pass
		Outer_Full	24.47	/	/	21.67	/	/	<=30	Pass
		Inner_Full	25.55	/	/	22.75	/	/	<=30	Pass
		Inner_1RB_Left	25.25	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	25.32	/	/	22.52	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.98	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	23.00	/	/	20.20	/	/	<=30	Pass
		Outer_Full	24.44	/	/	21.64	/	/	<=30	Pass
		Inner_Full	25.45	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	25.30	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Right	25.25	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Right	25.25	/	/	22.45	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Edge_1RB_Left	22.69	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	20.25	/	/	<=30	Pass
		Outer_Full	23.87	/	/	21.07	/	/	<=30	Pass
		Inner_Full	23.86	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	23.86	/	/	21.06	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	20.19	/	/	<=30	Pass
		Outer_Full	23.99	/	/	21.19	/	/	<=30	Pass
		Inner_Full	24.06	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	21.02	/	/	<=30	Pass
	3780	Edge_1RB_Left	23.05	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	20.24	/	/	<=30	Pass
		Outer_Full	23.92	/	/	21.12	/	/	<=30	Pass
		Inner_Full	23.97	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	23.87	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Right	23.87	/	/	21.07	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Edge_1RB_Left	21.49	/	/	18.69	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	19.05	/	/	<=30	Pass
		Outer_Full	21.85	/	/	19.05	/	/	<=30	Pass
		Inner_Full	21.90	/	/	19.10	/	/	<=30	Pass
		Inner_1RB_Left	21.45	/	/	18.65	/	/	<=30	Pass
		Inner_1RB_Right	21.92	/	/	19.12	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.76	/	/	18.96	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	19.05	/	/	<=30	Pass
		Outer_Full	22.05	/	/	19.25	/	/	<=30	Pass
		Inner_Full	22.08	/	/	19.28	/	/	<=30	Pass
		Inner_1RB_Left	21.75	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Right	21.84	/	/	19.04	/	/	<=30	Pass
	3780	Edge_1RB_Left	21.75	/	/	18.95	/	/	<=30	Pass
		Edge_1RB_Right	21.76	/	/	18.96	/	/	<=30	Pass
		Outer_Full	21.92	/	/	19.12	/	/	<=30	Pass
		Inner_Full	21.93	/	/	19.13	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	18.98	/	/	<=30	Pass
		Inner_1RB_Right	21.70	/	/	18.90	/	/	<=30	Pass



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CP-OFDM QPSK	3720	Edge_1RB_Left	22.54	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	20.09	/	/	<=30	Pass
		Outer_Full	23.36	/	/	20.56	/	/	<=30	Pass
		Inner_Full	24.87	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Left	24.49	/	/	21.69	/	/	<=30	Pass
	Inner_1RB_Right	24.94	/	/	22.14	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.72	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.87	/	/	20.07	/	/	<=30	Pass
		Outer_Full	23.55	/	/	20.75	/	/	<=30	Pass
		Inner_Full	25.08	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	22.02	/	/	<=30	Pass
	Inner_1RB_Right	24.87	/	/	22.07	/	/	<=30	Pass	
	3780	Edge_1RB_Left	22.76	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	19.99	/	/	<=30	Pass
		Outer_Full	23.47	/	/	20.67	/	/	<=30	Pass
Inner_Full		24.94	/	/	22.14	/	/	<=30	Pass	
Inner_1RB_Left		25.06	/	/	22.26	/	/	<=30	Pass	
Inner_1RB_Right	24.95	/	/	22.15	/	/	<=30	Pass		
CP-OFDM 16 QAM	3720	Edge_1RB_Left	22.68	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	23.09	/	/	20.29	/	/	<=30	Pass
		Outer_Full	23.34	/	/	20.54	/	/	<=30	Pass
		Inner_Full	24.35	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	21.44	/	/	<=30	Pass
	Inner_1RB_Right	24.60	/	/	21.80	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.95	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	20.25	/	/	<=30	Pass
		Outer_Full	23.50	/	/	20.70	/	/	<=30	Pass
		Inner_Full	24.57	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	24.48	/	/	21.68	/	/	<=30	Pass
	Inner_1RB_Right	24.63	/	/	21.83	/	/	<=30	Pass	
	3780	Edge_1RB_Left	23.00	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	20.22	/	/	<=30	Pass
		Outer_Full	23.43	/	/	20.63	/	/	<=30	Pass
Inner_Full		24.41	/	/	21.61	/	/	<=30	Pass	
Inner_1RB_Left		24.55	/	/	21.75	/	/	<=30	Pass	
Inner_1RB_Right	24.49	/	/	21.69	/	/	<=30	Pass		
CP-OFDM 64 QAM	3720	Edge_1RB_Left	22.66	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	20.26	/	/	<=30	Pass
		Outer_Full	22.83	/	/	20.03	/	/	<=30	Pass
		Inner_Full	22.89	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	19.92	/	/	<=30	Pass
	Inner_1RB_Right	23.07	/	/	20.27	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.92	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	20.21	/	/	<=30	Pass
		Outer_Full	23.03	/	/	20.23	/	/	<=30	Pass
		Inner_Full	23.09	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	20.16	/	/	<=30	Pass
	Inner_1RB_Right	23.03	/	/	20.23	/	/	<=30	Pass	
	3780	Edge_1RB_Left	23.00	/	/	20.20	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	22.98	/	/	20.18	/	/	<=30	Pass	
		Outer_Full	22.95	/	/	20.15	/	/	<=30	Pass	
		Inner_Full	22.96	/	/	20.16	/	/	<=30	Pass	
		Inner_1RB_Left	23.02	/	/	20.22	/	/	<=30	Pass	
		Inner_1RB_Right	23.05	/	/	20.25	/	/	<=30	Pass	
	3720	Edge_1RB_Left	19.64	/	/	16.84	/	/	<=30	Pass	
		Edge_1RB_Right	20.05	/	/	17.25	/	/	<=30	Pass	
		Outer_Full	19.83	/	/	17.03	/	/	<=30	Pass	
		Inner_Full	19.87	/	/	17.07	/	/	<=30	Pass	
		Inner_1RB_Left	19.64	/	/	16.84	/	/	<=30	Pass	
		Inner_1RB_Right	20.08	/	/	17.28	/	/	<=30	Pass	
		3750	Edge_1RB_Left	19.89	/	/	17.09	/	/	<=30	Pass
			Edge_1RB_Right	19.99	/	/	17.19	/	/	<=30	Pass
			Outer_Full	20.04	/	/	17.24	/	/	<=30	Pass
			Inner_Full	20.13	/	/	17.33	/	/	<=30	Pass
	Inner_1RB_Left		19.94	/	/	17.14	/	/	<=30	Pass	
	3780	Inner_1RB_Right	20.02	/	/	17.22	/	/	<=30	Pass	
		Edge_1RB_Left	19.97	/	/	17.17	/	/	<=30	Pass	
		Edge_1RB_Right	19.93	/	/	17.13	/	/	<=30	Pass	
		Outer_Full	19.97	/	/	17.17	/	/	<=30	Pass	
Inner_Full		19.93	/	/	17.13	/	/	<=30	Pass		
	Inner_1RB_Left	20.01	/	/	17.21	/	/	<=30	Pass		
	Inner_1RB_Right	19.94	/	/	17.14	/	/	<=30	Pass		

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.7 15k_SISO_50MHz_NTNV_EIRP

1.7.1 Test Result

5G NR n78a SCS=15kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3725.01	Edge_1RB_Left	22.51	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	20.25	/	/	<=30	Pass
		Outer_Full	25.36	/	/	22.56	/	/	<=30	Pass
		Inner_Full	26.32	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Left	25.88	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	26.54	/	/	23.74	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.73	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	20.09	/	/	<=30	Pass
		Outer_Full	25.96	/	/	23.16	/	/	<=30	Pass
		Inner_Full	26.53	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Left	26.13	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Right	26.33	/	/	23.53	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.92	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	19.99	/	/	<=30	Pass
		Outer_Full	25.99	/	/	23.19	/	/	<=30	Pass
		Inner_Full	26.56	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	26.41	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Right	26.20	/	/	23.40	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge_1RB_Left	22.44	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	20.22	/	/	<=30	Pass
		Outer_Full	25.33	/	/	22.53	/	/	<=30	Pass
		Inner_Full	26.30	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Left	25.75	/	/	22.95	/	/	<=30	Pass
		Inner_1RB_Right	26.44	/	/	23.64	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.73	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	20.08	/	/	<=30	Pass
		Outer_Full	25.47	/	/	22.67	/	/	<=30	Pass
		Inner_Full	26.50	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Left	26.14	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Right	26.32	/	/	23.52	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	19.98	/	/	<=30	Pass
		Outer_Full	25.50	/	/	22.70	/	/	<=30	Pass
		Inner_Full	26.51	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Left	26.38	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Right	26.23	/	/	23.43	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	22.51	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	20.25	/	/	<=30	Pass
		Outer_Full	24.35	/	/	21.55	/	/	<=30	Pass
		Inner_Full	25.35	/	/	22.55	/	/	<=30	Pass
		Inner_1RB_Left	24.96	/	/	22.16	/	/	<=30	Pass



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Table with columns for test parameters (e.g., Inner_1RB_Right, Edge_1RB_Left), values, and pass/fail status. Rows are grouped by test type (DFT-s-OFDM 64 QAM, DFT-s-OFDM 256 QAM) and modulation schemes (3750, 3774.99).



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CP-OFDM QPSK	3725.01	Edge_1RB_Left	22.40	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	24.92	/	/	22.12	/	/	<=30	Pass
		Outer_Full	23.35	/	/	20.55	/	/	<=30	Pass
		Inner_Full	24.85	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Left	24.36	/	/	21.56	/	/	<=30	Pass
	Inner_1RB_Right	24.87	/	/	22.07	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.62	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	25.01	/	/	22.21	/	/	<=30	Pass
		Outer_Full	23.49	/	/	20.69	/	/	<=30	Pass
		Inner_Full	25.07	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Left	24.86	/	/	22.06	/	/	<=30	Pass
	Inner_1RB_Right	25.02	/	/	22.22	/	/	<=30	Pass	
	3774.99	Edge_1RB_Left	22.82	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	24.89	/	/	22.09	/	/	<=30	Pass
		Outer_Full	23.53	/	/	20.73	/	/	<=30	Pass
Inner_Full		25.06	/	/	22.26	/	/	<=30	Pass	
Inner_1RB_Left		25.04	/	/	22.24	/	/	<=30	Pass	
Inner_1RB_Right	24.96	/	/	22.16	/	/	<=30	Pass		
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	22.56	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	24.58	/	/	21.78	/	/	<=30	Pass
		Outer_Full	23.33	/	/	20.53	/	/	<=30	Pass
		Inner_Full	24.34	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Left	24.06	/	/	21.26	/	/	<=30	Pass
	Inner_1RB_Right	24.60	/	/	21.80	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.85	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	24.59	/	/	21.79	/	/	<=30	Pass
		Outer_Full	23.53	/	/	20.73	/	/	<=30	Pass
		Inner_Full	24.54	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Left	24.40	/	/	21.60	/	/	<=30	Pass
	Inner_1RB_Right	24.57	/	/	21.77	/	/	<=30	Pass	
	3774.99	Edge_1RB_Left	23.06	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	24.45	/	/	21.65	/	/	<=30	Pass
		Outer_Full	23.49	/	/	20.69	/	/	<=30	Pass
Inner_Full		24.55	/	/	21.75	/	/	<=30	Pass	
Inner_1RB_Left		24.52	/	/	21.72	/	/	<=30	Pass	
Inner_1RB_Right	24.40	/	/	21.60	/	/	<=30	Pass		
CP-OFDM 64 QAM	3725.01	Edge_1RB_Left	22.46	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	20.30	/	/	<=30	Pass
		Outer_Full	22.77	/	/	19.97	/	/	<=30	Pass
		Inner_Full	22.87	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	19.72	/	/	<=30	Pass
	Inner_1RB_Right	23.03	/	/	20.23	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.87	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	20.26	/	/	<=30	Pass
		Outer_Full	22.98	/	/	20.18	/	/	<=30	Pass
		Inner_Full	23.02	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	22.90	/	/	20.10	/	/	<=30	Pass
	Inner_1RB_Right	23.01	/	/	20.21	/	/	<=30	Pass	
	3774.99	Edge_1RB_Left	23.06	/	/	20.26	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	22.97	/	/	20.17	/	/	<=30	Pass
		Outer_Full	23.04	/	/	20.24	/	/	<=30	Pass
		Inner_Full	23.08	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	20.16	/	/	<=30	Pass
	3725.01	Edge_1RB_Left	19.40	/	/	16.60	/	/	<=30	Pass
		Edge_1RB_Right	20.09	/	/	17.29	/	/	<=30	Pass
		Outer_Full	19.77	/	/	16.97	/	/	<=30	Pass
		Inner_Full	19.85	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Left	19.42	/	/	16.62	/	/	<=30	Pass
	3750	Inner_1RB_Right	20.02	/	/	17.22	/	/	<=30	Pass
		Edge_1RB_Left	19.74	/	/	16.94	/	/	<=30	Pass
		Edge_1RB_Right	19.96	/	/	17.16	/	/	<=30	Pass
		Outer_Full	19.99	/	/	17.19	/	/	<=30	Pass
		Inner_Full	20.02	/	/	17.22	/	/	<=30	Pass
	3774.99	Inner_1RB_Left	19.80	/	/	17.00	/	/	<=30	Pass
		Inner_1RB_Right	19.93	/	/	17.13	/	/	<=30	Pass
		Edge_1RB_Left	19.99	/	/	17.19	/	/	<=30	Pass
		Edge_1RB_Right	19.95	/	/	17.15	/	/	<=30	Pass
		Outer_Full	20.02	/	/	17.22	/	/	<=30	Pass
		Inner_Full	20.11	/	/	17.31	/	/	<=30	Pass
		Inner_1RB_Left	20.04	/	/	17.24	/	/	<=30	Pass
		Inner_1RB_Right	19.88	/	/	17.08	/	/	<=30	Pass

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.8 30k_SISO_10MHz_NTNV_EIRP

1.8.1 Test Result

5G NR n78a SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3705	Edge_1RB_Left	22.47	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	19.77	/	/	<=30	Pass
		Outer_Full	25.54	/	/	22.74	/	/	<=30	Pass
		Inner_Full	25.89	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	25.92	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	23.22	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.92	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	25.96	/	/	23.16	/	/	<=30	Pass
		Inner_Full	26.42	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Left	26.42	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	26.41	/	/	23.61	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.73	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	20.10	/	/	<=30	Pass
		Outer_Full	25.80	/	/	23.00	/	/	<=30	Pass
		Inner_Full	26.36	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Left	26.24	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Right	26.32	/	/	23.52	/	/	<=30	Pass
DFT-s-OFDM QPSK	3705	Edge_1RB_Left	22.45	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.80	/	/	<=30	Pass
		Outer_Full	25.02	/	/	22.22	/	/	<=30	Pass
		Inner_Full	26.11	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	23.14	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	23.30	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.98	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	20.18	/	/	<=30	Pass
		Outer_Full	25.43	/	/	22.63	/	/	<=30	Pass
		Inner_Full	26.46	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	26.48	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Right	26.48	/	/	23.68	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.82	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	25.31	/	/	22.51	/	/	<=30	Pass
		Inner_Full	26.27	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	26.30	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	26.36	/	/	23.56	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge_1RB_Left	22.32	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	19.64	/	/	<=30	Pass
		Outer_Full	24.14	/	/	21.34	/	/	<=30	Pass
		Inner_Full	25.07	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Left	24.84	/	/	22.04	/	/	<=30	Pass



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	3750	Inner_1RB_Right	24.95	/	/	22.15	/	/	<=30	Pass	
		Edge_1RB_Left	22.82	/	/	20.02	/	/	<=30	Pass	
		Edge_1RB_Right	22.85	/	/	20.05	/	/	<=30	Pass	
		Outer_Full	24.46	/	/	21.66	/	/	<=30	Pass	
		Inner_Full	25.50	/	/	22.70	/	/	<=30	Pass	
		Inner_1RB_Left	25.32	/	/	22.52	/	/	<=30	Pass	
	3795	Inner_1RB_Right	25.50	/	/	22.70	/	/	<=30	Pass	
		Edge_1RB_Left	22.67	/	/	19.87	/	/	<=30	Pass	
		Edge_1RB_Right	22.66	/	/	19.86	/	/	<=30	Pass	
		Outer_Full	24.45	/	/	21.65	/	/	<=30	Pass	
		Inner_Full	25.38	/	/	22.58	/	/	<=30	Pass	
		Inner_1RB_Left	25.31	/	/	22.51	/	/	<=30	Pass	
	DFT-s-OFDM 64 QAM	3705	Inner_1RB_Right	25.40	/	/	22.60	/	/	<=30	Pass
			Edge_1RB_Left	22.40	/	/	19.60	/	/	<=30	Pass
Edge_1RB_Right			22.56	/	/	19.76	/	/	<=30	Pass	
Outer_Full			23.67	/	/	20.87	/	/	<=30	Pass	
Inner_Full			23.62	/	/	20.82	/	/	<=30	Pass	
Inner_1RB_Left			23.44	/	/	20.64	/	/	<=30	Pass	
3750		Inner_1RB_Right	23.61	/	/	20.81	/	/	<=30	Pass	
		Edge_1RB_Left	22.94	/	/	20.14	/	/	<=30	Pass	
		Edge_1RB_Right	22.98	/	/	20.18	/	/	<=30	Pass	
		Outer_Full	24.07	/	/	21.27	/	/	<=30	Pass	
		Inner_Full	24.07	/	/	21.27	/	/	<=30	Pass	
		Inner_1RB_Left	23.95	/	/	21.15	/	/	<=30	Pass	
3795		Inner_1RB_Right	23.94	/	/	21.14	/	/	<=30	Pass	
		Edge_1RB_Left	22.88	/	/	20.08	/	/	<=30	Pass	
	Edge_1RB_Right	22.95	/	/	20.15	/	/	<=30	Pass		
	Outer_Full	23.85	/	/	21.05	/	/	<=30	Pass		
	Inner_Full	23.93	/	/	21.13	/	/	<=30	Pass		
	Inner_1RB_Left	23.81	/	/	21.01	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3705	Inner_1RB_Right	23.88	/	/	21.08	/	/	<=30	Pass	
		Edge_1RB_Left	21.46	/	/	18.66	/	/	<=30	Pass	
		Edge_1RB_Right	21.53	/	/	18.73	/	/	<=30	Pass	
		Outer_Full	21.54	/	/	18.74	/	/	<=30	Pass	
		Inner_Full	21.75	/	/	18.95	/	/	<=30	Pass	
		Inner_1RB_Left	21.45	/	/	18.65	/	/	<=30	Pass	
	3750	Inner_1RB_Right	21.58	/	/	18.78	/	/	<=30	Pass	
		Edge_1RB_Left	21.92	/	/	19.12	/	/	<=30	Pass	
		Edge_1RB_Right	21.90	/	/	19.10	/	/	<=30	Pass	
		Outer_Full	21.93	/	/	19.13	/	/	<=30	Pass	
		Inner_Full	22.08	/	/	19.28	/	/	<=30	Pass	
		Inner_1RB_Left	21.97	/	/	19.17	/	/	<=30	Pass	
	3795	Inner_1RB_Right	21.90	/	/	19.10	/	/	<=30	Pass	
		Edge_1RB_Left	21.73	/	/	18.93	/	/	<=30	Pass	
Edge_1RB_Right		21.85	/	/	19.05	/	/	<=30	Pass		
Outer_Full		21.91	/	/	19.11	/	/	<=30	Pass		
Inner_Full		21.98	/	/	19.18	/	/	<=30	Pass		
Inner_1RB_Left		21.69	/	/	18.89	/	/	<=30	Pass		
		Inner_1RB_Right	21.78	/	/	18.98	/	/	<=30	Pass	



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CP-OFDM QPSK	3705	Edge_1RB_Left	22.45	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	19.76	/	/	<=30	Pass
		Outer_Full	23.00	/	/	20.20	/	/	<=30	Pass
		Inner_Full	24.53	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Left	24.34	/	/	21.54	/	/	<=30	Pass
	Inner_1RB_Right	24.50	/	/	21.70	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.93	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	20.13	/	/	<=30	Pass
		Outer_Full	23.42	/	/	20.62	/	/	<=30	Pass
		Inner_Full	24.91	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	22.02	/	/	<=30	Pass
	Inner_1RB_Right	24.83	/	/	22.03	/	/	<=30	Pass	
	3795	Edge_1RB_Left	22.72	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	20.02	/	/	<=30	Pass
		Outer_Full	23.30	/	/	20.50	/	/	<=30	Pass
Inner_Full		24.75	/	/	21.95	/	/	<=30	Pass	
Inner_1RB_Left		24.60	/	/	21.80	/	/	<=30	Pass	
Inner_1RB_Right	24.71	/	/	21.91	/	/	<=30	Pass		
CP-OFDM 16 QAM	3705	Edge_1RB_Left	22.39	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	19.82	/	/	<=30	Pass
		Outer_Full	22.89	/	/	20.09	/	/	<=30	Pass
		Inner_Full	24.10	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	21.15	/	/	<=30	Pass
	Inner_1RB_Right	24.09	/	/	21.29	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.77	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	20.19	/	/	<=30	Pass
		Outer_Full	23.49	/	/	20.69	/	/	<=30	Pass
		Inner_Full	24.48	/	/	21.68	/	/	<=30	Pass
		Inner_1RB_Left	24.45	/	/	21.65	/	/	<=30	Pass
	Inner_1RB_Right	24.43	/	/	21.63	/	/	<=30	Pass	
	3795	Edge_1RB_Left	22.58	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	20.08	/	/	<=30	Pass
		Outer_Full	23.24	/	/	20.44	/	/	<=30	Pass
Inner_Full		24.32	/	/	21.52	/	/	<=30	Pass	
Inner_1RB_Left		24.25	/	/	21.45	/	/	<=30	Pass	
Inner_1RB_Right	24.31	/	/	21.51	/	/	<=30	Pass		
CP-OFDM 64 QAM	3705	Edge_1RB_Left	22.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.91	/	/	<=30	Pass
		Outer_Full	22.60	/	/	19.80	/	/	<=30	Pass
		Inner_Full	22.61	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Left	22.54	/	/	19.74	/	/	<=30	Pass
	Inner_1RB_Right	22.67	/	/	19.87	/	/	<=30	Pass	
	3750	Edge_1RB_Left	23.18	/	/	20.38	/	/	<=30	Pass
		Edge_1RB_Right	23.19	/	/	20.39	/	/	<=30	Pass
		Outer_Full	22.95	/	/	20.15	/	/	<=30	Pass
		Inner_Full	23.12	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	20.16	/	/	<=30	Pass
	Inner_1RB_Right	22.93	/	/	20.13	/	/	<=30	Pass	
	3795	Edge_1RB_Left	23.01	/	/	20.21	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	23.04	/	/	20.24	/	/	<=30	Pass
		Outer_Full	22.79	/	/	19.99	/	/	<=30	Pass
		Inner_Full	22.95	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	20.03	/	/	<=30	Pass
		Inner_1RB_Right	22.92	/	/	20.12	/	/	<=30	Pass
	3705	Edge_1RB_Left	19.44	/	/	16.64	/	/	<=30	Pass
		Edge_1RB_Right	19.55	/	/	16.75	/	/	<=30	Pass
		Outer_Full	19.50	/	/	16.70	/	/	<=30	Pass
		Inner_Full	19.64	/	/	16.84	/	/	<=30	Pass
		Inner_1RB_Left	19.48	/	/	16.68	/	/	<=30	Pass
	3750	Inner_1RB_Right	19.53	/	/	16.73	/	/	<=30	Pass
		Edge_1RB_Left	19.99	/	/	17.19	/	/	<=30	Pass
		Edge_1RB_Right	19.98	/	/	17.18	/	/	<=30	Pass
		Outer_Full	20.00	/	/	17.20	/	/	<=30	Pass
		Inner_Full	19.96	/	/	17.16	/	/	<=30	Pass
	3795	Inner_1RB_Left	20.02	/	/	17.22	/	/	<=30	Pass
		Inner_1RB_Right	19.97	/	/	17.17	/	/	<=30	Pass
		Edge_1RB_Left	19.83	/	/	17.03	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	17.14	/	/	<=30	Pass
		Outer_Full	19.76	/	/	16.96	/	/	<=30	Pass
		Inner_Full	19.91	/	/	17.11	/	/	<=30	Pass
		Inner_1RB_Left	19.83	/	/	17.03	/	/	<=30	Pass
		Inner_1RB_Right	19.92	/	/	17.12	/	/	<=30	Pass

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.9 30k_SISO_15MHz_NTNV_EIRP

1.9.1 Test Result

5G NR n78a SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3707.52	Edge_1RB_Left	22.57	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	19.95	/	/	<=30	Pass
		Outer_Full	25.16	/	/	22.36	/	/	<=30	Pass
		Inner_Full	26.15	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	26.23	/	/	23.43	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.00	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	23.00	/	/	20.20	/	/	<=30	Pass
		Outer_Full	26.07	/	/	23.27	/	/	<=30	Pass
		Inner_Full	26.51	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Left	26.45	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Right	26.44	/	/	23.64	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	22.88	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	20.19	/	/	<=30	Pass
		Outer_Full	26.17	/	/	23.37	/	/	<=30	Pass
		Inner_Full	26.45	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Left	26.40	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	26.48	/	/	23.68	/	/	<=30	Pass
DFT-s-OFDM QPSK	3707.52	Edge_1RB_Left	22.57	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.91	/	/	<=30	Pass
		Outer_Full	25.13	/	/	22.33	/	/	<=30	Pass
		Inner_Full	26.04	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	26.04	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	26.17	/	/	23.37	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.03	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	23.00	/	/	20.20	/	/	<=30	Pass
		Outer_Full	25.56	/	/	22.76	/	/	<=30	Pass
		Inner_Full	26.51	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Left	26.46	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Right	26.49	/	/	23.69	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	22.93	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	23.00	/	/	20.20	/	/	<=30	Pass
		Outer_Full	25.45	/	/	22.65	/	/	<=30	Pass
		Inner_Full	26.48	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	26.47	/	/	23.67	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.52	Edge_1RB_Left	22.43	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	19.75	/	/	<=30	Pass
		Outer_Full	24.17	/	/	21.37	/	/	<=30	Pass
		Inner_Full	25.12	/	/	22.32	/	/	<=30	Pass
		Inner_1RB_Left	24.90	/	/	22.10	/	/	<=30	Pass



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	3750	Inner_1RB_Right	24.96	/	/	22.16	/	/	<=30	Pass	
		Edge_1RB_Left	22.84	/	/	20.04	/	/	<=30	Pass	
		Edge_1RB_Right	22.94	/	/	20.14	/	/	<=30	Pass	
		Outer_Full	24.56	/	/	21.76	/	/	<=30	Pass	
		Inner_Full	25.52	/	/	22.72	/	/	<=30	Pass	
		Inner_1RB_Left	25.49	/	/	22.69	/	/	<=30	Pass	
	3792.48		Inner_1RB_Right	25.52	/	/	22.72	/	/	<=30	Pass
			Edge_1RB_Left	22.79	/	/	19.99	/	/	<=30	Pass
			Edge_1RB_Right	22.89	/	/	20.09	/	/	<=30	Pass
			Outer_Full	24.48	/	/	21.68	/	/	<=30	Pass
			Inner_Full	25.47	/	/	22.67	/	/	<=30	Pass
			Inner_1RB_Left	25.31	/	/	22.51	/	/	<=30	Pass
	DFT-s-OFDM 64 QAM	3707.52	Inner_1RB_Right	25.46	/	/	22.66	/	/	<=30	Pass
			Edge_1RB_Left	22.60	/	/	19.80	/	/	<=30	Pass
Edge_1RB_Right			22.64	/	/	19.84	/	/	<=30	Pass	
Outer_Full			23.62	/	/	20.82	/	/	<=30	Pass	
Inner_Full			23.74	/	/	20.94	/	/	<=30	Pass	
Inner_1RB_Left			23.50	/	/	20.70	/	/	<=30	Pass	
3750			Inner_1RB_Right	23.69	/	/	20.89	/	/	<=30	Pass
			Edge_1RB_Left	23.05	/	/	20.25	/	/	<=30	Pass
			Edge_1RB_Right	23.11	/	/	20.31	/	/	<=30	Pass
			Outer_Full	24.00	/	/	21.20	/	/	<=30	Pass
			Inner_Full	24.14	/	/	21.34	/	/	<=30	Pass
			Inner_1RB_Left	24.09	/	/	21.29	/	/	<=30	Pass
3792.48			Inner_1RB_Right	23.99	/	/	21.19	/	/	<=30	Pass
			Edge_1RB_Left	22.97	/	/	20.17	/	/	<=30	Pass
	Edge_1RB_Right		23.01	/	/	20.21	/	/	<=30	Pass	
	Outer_Full		23.98	/	/	21.18	/	/	<=30	Pass	
	Inner_Full		24.06	/	/	21.26	/	/	<=30	Pass	
	Inner_1RB_Left		23.84	/	/	21.04	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3707.52	Inner_1RB_Right	24.03	/	/	21.23	/	/	<=30	Pass	
		Edge_1RB_Left	21.52	/	/	18.72	/	/	<=30	Pass	
		Edge_1RB_Right	21.66	/	/	18.86	/	/	<=30	Pass	
		Outer_Full	21.60	/	/	18.80	/	/	<=30	Pass	
		Inner_Full	21.65	/	/	18.85	/	/	<=30	Pass	
		Inner_1RB_Left	21.52	/	/	18.72	/	/	<=30	Pass	
	3750		Inner_1RB_Right	21.66	/	/	18.86	/	/	<=30	Pass
			Edge_1RB_Left	21.98	/	/	19.18	/	/	<=30	Pass
			Edge_1RB_Right	22.03	/	/	19.23	/	/	<=30	Pass
			Outer_Full	22.02	/	/	19.22	/	/	<=30	Pass
			Inner_Full	22.01	/	/	19.21	/	/	<=30	Pass
			Inner_1RB_Left	21.98	/	/	19.18	/	/	<=30	Pass
	3792.48		Inner_1RB_Right	22.01	/	/	19.21	/	/	<=30	Pass
			Edge_1RB_Left	21.92	/	/	19.12	/	/	<=30	Pass
Edge_1RB_Right			21.96	/	/	19.16	/	/	<=30	Pass	
Outer_Full			21.95	/	/	19.15	/	/	<=30	Pass	
Inner_Full			21.96	/	/	19.16	/	/	<=30	Pass	
Inner_1RB_Left			21.89	/	/	19.09	/	/	<=30	Pass	
		Inner_1RB_Right	22.00	/	/	19.20	/	/	<=30	Pass	



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CP-OFDM QPSK	3707.52	Edge_1RB_Left	22.56	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	19.83	/	/	<=30	Pass
		Outer_Full	23.04	/	/	20.24	/	/	<=30	Pass
		Inner_Full	24.63	/	/	21.83	/	/	<=30	Pass
		Inner_1RB_Left	24.40	/	/	21.60	/	/	<=30	Pass
	Inner_1RB_Right	24.57	/	/	21.77	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.90	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	20.14	/	/	<=30	Pass
		Outer_Full	23.52	/	/	20.72	/	/	<=30	Pass
		Inner_Full	24.94	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Left	24.87	/	/	22.07	/	/	<=30	Pass
	Inner_1RB_Right	25.06	/	/	22.26	/	/	<=30	Pass	
	3792.48	Edge_1RB_Left	22.84	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	20.14	/	/	<=30	Pass
		Outer_Full	23.38	/	/	20.58	/	/	<=30	Pass
Inner_Full		24.87	/	/	22.07	/	/	<=30	Pass	
Inner_1RB_Left		24.77	/	/	21.97	/	/	<=30	Pass	
Inner_1RB_Right	24.83	/	/	22.03	/	/	<=30	Pass		
CP-OFDM 16 QAM	3707.52	Edge_1RB_Left	22.46	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	19.82	/	/	<=30	Pass
		Outer_Full	23.12	/	/	20.32	/	/	<=30	Pass
		Inner_Full	24.08	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Left	23.95	/	/	21.15	/	/	<=30	Pass
	Inner_1RB_Right	24.05	/	/	21.25	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.93	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	20.14	/	/	<=30	Pass
		Outer_Full	23.50	/	/	20.70	/	/	<=30	Pass
		Inner_Full	24.42	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Left	24.46	/	/	21.66	/	/	<=30	Pass
	Inner_1RB_Right	24.50	/	/	21.70	/	/	<=30	Pass	
	3792.48	Edge_1RB_Left	22.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.90	/	/	20.10	/	/	<=30	Pass
		Outer_Full	23.46	/	/	20.66	/	/	<=30	Pass
Inner_Full		24.44	/	/	21.64	/	/	<=30	Pass	
Inner_1RB_Left		24.30	/	/	21.50	/	/	<=30	Pass	
Inner_1RB_Right	24.36	/	/	21.56	/	/	<=30	Pass		
CP-OFDM 64 QAM	3707.52	Edge_1RB_Left	22.71	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	20.05	/	/	<=30	Pass
		Outer_Full	22.63	/	/	19.83	/	/	<=30	Pass
		Inner_Full	22.73	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	19.81	/	/	<=30	Pass
	Inner_1RB_Right	22.69	/	/	19.89	/	/	<=30	Pass	
	3750	Edge_1RB_Left	23.10	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	23.02	/	/	20.22	/	/	<=30	Pass
		Outer_Full	23.09	/	/	20.29	/	/	<=30	Pass
		Inner_Full	23.13	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	20.26	/	/	<=30	Pass
	Inner_1RB_Right	23.13	/	/	20.33	/	/	<=30	Pass	
	3792.48	Edge_1RB_Left	23.04	/	/	20.24	/	/	<=30	Pass



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CP-OFDM 256 QAM	3707.52	Edge_1RB_Right	23.12	/	/	20.32	/	/	<=30	Pass
		Outer_Full	22.96	/	/	20.16	/	/	<=30	Pass
		Inner_Full	23.09	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	20.16	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.56	/	/	16.76	/	/	<=30	Pass
		Edge_1RB_Right	19.72	/	/	16.92	/	/	<=30	Pass
		Outer_Full	19.75	/	/	16.95	/	/	<=30	Pass
		Inner_Full	19.79	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Left	19.59	/	/	16.79	/	/	<=30	Pass
	3792.48	Inner_1RB_Right	19.70	/	/	16.90	/	/	<=30	Pass
		Edge_1RB_Left	20.04	/	/	17.24	/	/	<=30	Pass
		Edge_1RB_Right	20.05	/	/	17.25	/	/	<=30	Pass
		Outer_Full	20.10	/	/	17.30	/	/	<=30	Pass
		Inner_Full	20.09	/	/	17.29	/	/	<=30	Pass
	3792.48	Inner_1RB_Left	20.04	/	/	17.24	/	/	<=30	Pass
		Inner_1RB_Right	20.08	/	/	17.28	/	/	<=30	Pass
		Edge_1RB_Left	19.99	/	/	17.19	/	/	<=30	Pass
		Edge_1RB_Right	20.00	/	/	17.20	/	/	<=30	Pass
		Outer_Full	19.99	/	/	17.19	/	/	<=30	Pass
3792.48	Inner_Full	20.11	/	/	17.31	/	/	<=30	Pass	
	Inner_1RB_Left	19.98	/	/	17.18	/	/	<=30	Pass	
	Inner_1RB_Right	20.00	/	/	17.20	/	/	<=30	Pass	

Note1: Antenna Gain: Ant5: -2.80dBi;
 Note2: EIRP=Conducted Power+Antenna Gain



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1.10 30k_SISO_20MHz_NTNV_EIRP

1.10.1 Test Result

5G NR n78a SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	22.69	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	20.00	/	/	<=30	Pass
		Outer_Full	25.22	/	/	22.42	/	/	<=30	Pass
		Inner_Full	26.29	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Left	26.17	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	26.33	/	/	23.53	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.96	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	20.21	/	/	<=30	Pass
		Outer_Full	26.08	/	/	23.28	/	/	<=30	Pass
		Inner_Full	26.49	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	26.42	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	26.44	/	/	23.64	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.55	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	19.93	/	/	<=30	Pass
		Outer_Full	25.76	/	/	22.96	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	26.25	/	/	23.45	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	22.62	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	19.98	/	/	<=30	Pass
		Outer_Full	25.23	/	/	22.43	/	/	<=30	Pass
		Inner_Full	26.18	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	26.10	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	26.33	/	/	23.53	/	/	<=30	Pass
	3750	Edge_1RB_Left	23.04	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	20.30	/	/	<=30	Pass
		Outer_Full	25.58	/	/	22.78	/	/	<=30	Pass
		Inner_Full	26.66	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Left	26.42	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	26.49	/	/	23.69	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.67	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	19.99	/	/	<=30	Pass
		Outer_Full	25.20	/	/	22.40	/	/	<=30	Pass
		Inner_Full	26.25	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Right	26.26	/	/	23.46	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.43	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	19.89	/	/	<=30	Pass
		Outer_Full	24.16	/	/	21.36	/	/	<=30	Pass
		Inner_Full	25.13	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Left	25.05	/	/	22.25	/	/	<=30	Pass



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Table with columns for test parameters (e.g., Inner_1RB_Right, Edge_1RB_Left), values, and pass/fail status. Rows are grouped by test type (DFT-s-OFDM 64 QAM, DFT-s-OFDM 256 QAM) and modulation (3750, 3789.99).



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CP-OFDM QPSK	3710.01	Edge_1RB_Left	22.52	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.91	/	/	<=30	Pass
		Outer_Full	23.17	/	/	20.37	/	/	<=30	Pass
		Inner_Full	24.69	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	21.72	/	/	<=30	Pass
	Inner_1RB_Right	24.62	/	/	21.82	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.86	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	23.48	/	/	20.68	/	/	<=30	Pass
		Inner_Full	25.04	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	21.95	/	/	<=30	Pass
	Inner_1RB_Right	25.02	/	/	22.22	/	/	<=30	Pass	
	3789.99	Edge_1RB_Left	22.56	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	19.87	/	/	<=30	Pass
		Outer_Full	23.08	/	/	20.28	/	/	<=30	Pass
Inner_Full		24.60	/	/	21.80	/	/	<=30	Pass	
Inner_1RB_Left		24.44	/	/	21.64	/	/	<=30	Pass	
Inner_1RB_Right	24.53	/	/	21.73	/	/	<=30	Pass		
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.58	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	19.99	/	/	<=30	Pass
		Outer_Full	23.19	/	/	20.39	/	/	<=30	Pass
		Inner_Full	24.23	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Left	24.07	/	/	21.27	/	/	<=30	Pass
	Inner_1RB_Right	24.13	/	/	21.33	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.96	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	20.14	/	/	<=30	Pass
		Outer_Full	23.54	/	/	20.74	/	/	<=30	Pass
		Inner_Full	24.57	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Left	24.47	/	/	21.67	/	/	<=30	Pass
	Inner_1RB_Right	24.39	/	/	21.59	/	/	<=30	Pass	
	3789.99	Edge_1RB_Left	22.56	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	19.86	/	/	<=30	Pass
		Outer_Full	23.17	/	/	20.37	/	/	<=30	Pass
Inner_Full		24.15	/	/	21.35	/	/	<=30	Pass	
Inner_1RB_Left		24.06	/	/	21.26	/	/	<=30	Pass	
Inner_1RB_Right	24.12	/	/	21.32	/	/	<=30	Pass		
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	22.69	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	20.18	/	/	<=30	Pass
		Outer_Full	22.70	/	/	19.90	/	/	<=30	Pass
		Inner_Full	22.82	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	19.89	/	/	<=30	Pass
	Inner_1RB_Right	22.83	/	/	20.03	/	/	<=30	Pass	
	3750	Edge_1RB_Left	23.04	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	20.27	/	/	<=30	Pass
		Outer_Full	23.06	/	/	20.26	/	/	<=30	Pass
		Inner_Full	23.09	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	20.30	/	/	<=30	Pass
	Inner_1RB_Right	23.21	/	/	20.41	/	/	<=30	Pass	
	3789.99	Edge_1RB_Left	22.79	/	/	19.99	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	22.97	/	/	20.17	/	/	<=30	Pass
		Outer_Full	22.61	/	/	19.81	/	/	<=30	Pass
		Inner_Full	22.81	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Right	22.74	/	/	19.94	/	/	<=30	Pass
	3710.01	Edge_1RB_Left	19.63	/	/	16.83	/	/	<=30	Pass
		Edge_1RB_Right	19.88	/	/	17.08	/	/	<=30	Pass
		Outer_Full	19.77	/	/	16.97	/	/	<=30	Pass
		Inner_Full	19.75	/	/	16.95	/	/	<=30	Pass
		Inner_1RB_Left	19.61	/	/	16.81	/	/	<=30	Pass
	3750	Inner_1RB_Right	19.83	/	/	17.03	/	/	<=30	Pass
		Edge_1RB_Left	20.08	/	/	17.28	/	/	<=30	Pass
		Edge_1RB_Right	20.11	/	/	17.31	/	/	<=30	Pass
		Outer_Full	20.06	/	/	17.26	/	/	<=30	Pass
		Inner_Full	20.13	/	/	17.33	/	/	<=30	Pass
	3789.99	Inner_1RB_Left	20.05	/	/	17.25	/	/	<=30	Pass
		Inner_1RB_Right	20.08	/	/	17.28	/	/	<=30	Pass
		Edge_1RB_Left	19.66	/	/	16.86	/	/	<=30	Pass
		Edge_1RB_Right	19.84	/	/	17.04	/	/	<=30	Pass
		Outer_Full	19.72	/	/	16.92	/	/	<=30	Pass
		Inner_Full	19.69	/	/	16.89	/	/	<=30	Pass
		Inner_1RB_Left	19.71	/	/	16.91	/	/	<=30	Pass
		Inner_1RB_Right	19.82	/	/	17.02	/	/	<=30	Pass

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.11 30k_SISO_25MHz_NTNV_EIRP

1.11.1 Test Result

5G NR n78a SCS=30kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3712.5	Edge_1RB_Left	22.50	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.91	/	/	<=30	Pass
		Outer_Full	25.10	/	/	22.30	/	/	<=30	Pass
		Inner_Full	26.06	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Left	25.87	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Right	26.09	/	/	23.29	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.79	/	/	<=30	Pass
		Outer_Full	25.75	/	/	22.95	/	/	<=30	Pass
		Inner_Full	26.16	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	25.99	/	/	23.19	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.49	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	19.83	/	/	<=30	Pass
		Outer_Full	25.64	/	/	22.84	/	/	<=30	Pass
		Inner_Full	26.15	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Left	25.92	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	23.30	/	/	<=30	Pass
DFT-s-OFDM QPSK	3712.5	Edge_1RB_Left	22.47	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	19.86	/	/	<=30	Pass
		Outer_Full	25.10	/	/	22.30	/	/	<=30	Pass
		Inner_Full	26.01	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Left	25.80	/	/	23.00	/	/	<=30	Pass
		Inner_1RB_Right	25.96	/	/	23.16	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.63	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	19.87	/	/	<=30	Pass
		Outer_Full	25.25	/	/	22.45	/	/	<=30	Pass
		Inner_Full	26.28	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Left	26.13	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Right	26.09	/	/	23.29	/	/	<=30	Pass
	3787.5	Edge_1RB_Left	22.56	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.94	/	/	<=30	Pass
		Outer_Full	25.14	/	/	22.34	/	/	<=30	Pass
		Inner_Full	26.12	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	25.93	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	26.16	/	/	23.36	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Edge_1RB_Left	22.25	/	/	19.45	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	19.65	/	/	<=30	Pass
		Outer_Full	24.08	/	/	21.28	/	/	<=30	Pass
		Inner_Full	25.13	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	21.86	/	/	<=30	Pass



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	3750	Inner_1RB_Right	25.00	/	/	22.20	/	/	<=30	Pass	
		Edge_1RB_Left	22.56	/	/	19.76	/	/	<=30	Pass	
		Edge_1RB_Right	22.51	/	/	19.71	/	/	<=30	Pass	
		Outer_Full	24.18	/	/	21.38	/	/	<=30	Pass	
		Inner_Full	25.23	/	/	22.43	/	/	<=30	Pass	
		Inner_1RB_Left	25.10	/	/	22.30	/	/	<=30	Pass	
	3787.5	Inner_1RB_Right	25.02	/	/	22.22	/	/	<=30	Pass	
		Edge_1RB_Left	22.35	/	/	19.55	/	/	<=30	Pass	
		Edge_1RB_Right	22.50	/	/	19.70	/	/	<=30	Pass	
		Outer_Full	24.08	/	/	21.28	/	/	<=30	Pass	
		Inner_Full	25.11	/	/	22.31	/	/	<=30	Pass	
		Inner_1RB_Left	24.86	/	/	22.06	/	/	<=30	Pass	
	DFT-s-OFDM 64 QAM	3712.5	Inner_1RB_Right	25.08	/	/	22.28	/	/	<=30	Pass
			Edge_1RB_Left	22.41	/	/	19.61	/	/	<=30	Pass
Edge_1RB_Right			22.66	/	/	19.86	/	/	<=30	Pass	
Outer_Full			23.60	/	/	20.80	/	/	<=30	Pass	
Inner_Full			23.63	/	/	20.83	/	/	<=30	Pass	
Inner_1RB_Left			23.46	/	/	20.66	/	/	<=30	Pass	
3750		Inner_1RB_Right	23.67	/	/	20.87	/	/	<=30	Pass	
		Edge_1RB_Left	22.70	/	/	19.90	/	/	<=30	Pass	
		Edge_1RB_Right	22.64	/	/	19.84	/	/	<=30	Pass	
		Outer_Full	23.73	/	/	20.93	/	/	<=30	Pass	
		Inner_Full	23.76	/	/	20.96	/	/	<=30	Pass	
		Inner_1RB_Left	23.69	/	/	20.89	/	/	<=30	Pass	
3787.5		Inner_1RB_Right	23.62	/	/	20.82	/	/	<=30	Pass	
		Edge_1RB_Left	22.55	/	/	19.75	/	/	<=30	Pass	
	Edge_1RB_Right	22.66	/	/	19.86	/	/	<=30	Pass		
	Outer_Full	23.65	/	/	20.85	/	/	<=30	Pass		
	Inner_Full	23.67	/	/	20.87	/	/	<=30	Pass		
	Inner_1RB_Left	23.52	/	/	20.72	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3712.5	Inner_1RB_Right	23.66	/	/	20.86	/	/	<=30	Pass	
		Edge_1RB_Left	21.48	/	/	18.68	/	/	<=30	Pass	
		Edge_1RB_Right	21.59	/	/	18.79	/	/	<=30	Pass	
		Outer_Full	21.64	/	/	18.84	/	/	<=30	Pass	
		Inner_Full	21.55	/	/	18.75	/	/	<=30	Pass	
		Inner_1RB_Left	21.45	/	/	18.65	/	/	<=30	Pass	
	3750	Inner_1RB_Right	21.60	/	/	18.80	/	/	<=30	Pass	
		Edge_1RB_Left	21.65	/	/	18.85	/	/	<=30	Pass	
		Edge_1RB_Right	21.64	/	/	18.84	/	/	<=30	Pass	
		Outer_Full	21.75	/	/	18.95	/	/	<=30	Pass	
		Inner_Full	21.75	/	/	18.95	/	/	<=30	Pass	
		Inner_1RB_Left	21.66	/	/	18.86	/	/	<=30	Pass	
	3787.5	Inner_1RB_Right	21.62	/	/	18.82	/	/	<=30	Pass	
		Edge_1RB_Left	21.51	/	/	18.71	/	/	<=30	Pass	
Edge_1RB_Right		21.68	/	/	18.88	/	/	<=30	Pass		
Outer_Full		21.60	/	/	18.80	/	/	<=30	Pass		
Inner_Full		21.60	/	/	18.80	/	/	<=30	Pass		
Inner_1RB_Left		21.48	/	/	18.68	/	/	<=30	Pass		
		Inner_1RB_Right	21.67	/	/	18.87	/	/	<=30	Pass	



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CP-OFDM QPSK	3712.5	Edge_1RB_Left	22.37	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.79	/	/	<=30	Pass
		Outer_Full	23.08	/	/	20.28	/	/	<=30	Pass
		Inner_Full	24.54	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Left	24.33	/	/	21.53	/	/	<=30	Pass
	Inner_1RB_Right	24.52	/	/	21.72	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.57	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.80	/	/	<=30	Pass
		Outer_Full	23.22	/	/	20.42	/	/	<=30	Pass
		Inner_Full	24.73	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Left	24.48	/	/	21.68	/	/	<=30	Pass
	Inner_1RB_Right	24.60	/	/	21.80	/	/	<=30	Pass	
	3787.5	Edge_1RB_Left	22.40	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	19.86	/	/	<=30	Pass
		Outer_Full	23.15	/	/	20.35	/	/	<=30	Pass
Inner_Full		24.58	/	/	21.78	/	/	<=30	Pass	
Inner_1RB_Left		24.37	/	/	21.57	/	/	<=30	Pass	
Inner_1RB_Right	24.43	/	/	21.63	/	/	<=30	Pass		
CP-OFDM 16 QAM	3712.5	Edge_1RB_Left	22.27	/	/	19.47	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	19.78	/	/	<=30	Pass
		Outer_Full	23.08	/	/	20.28	/	/	<=30	Pass
		Inner_Full	24.03	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Left	23.85	/	/	21.05	/	/	<=30	Pass
	Inner_1RB_Right	24.11	/	/	21.31	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.66	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	19.81	/	/	<=30	Pass
		Outer_Full	23.21	/	/	20.41	/	/	<=30	Pass
		Inner_Full	24.17	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	24.02	/	/	21.22	/	/	<=30	Pass
	Inner_1RB_Right	24.04	/	/	21.24	/	/	<=30	Pass	
	3787.5	Edge_1RB_Left	22.42	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	19.87	/	/	<=30	Pass
		Outer_Full	23.11	/	/	20.31	/	/	<=30	Pass
Inner_Full		24.00	/	/	21.20	/	/	<=30	Pass	
Inner_1RB_Left		24.02	/	/	21.22	/	/	<=30	Pass	
Inner_1RB_Right	24.04	/	/	21.24	/	/	<=30	Pass		
CP-OFDM 64 QAM	3712.5	Edge_1RB_Left	22.56	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	19.95	/	/	<=30	Pass
		Outer_Full	22.60	/	/	19.80	/	/	<=30	Pass
		Inner_Full	22.62	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	19.67	/	/	<=30	Pass
	Inner_1RB_Right	22.66	/	/	19.86	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.69	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	19.89	/	/	<=30	Pass
		Outer_Full	22.79	/	/	19.99	/	/	<=30	Pass
		Inner_Full	22.77	/	/	19.97	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	19.89	/	/	<=30	Pass
	Inner_1RB_Right	22.69	/	/	19.89	/	/	<=30	Pass	
	3787.5	Edge_1RB_Left	22.65	/	/	19.85	/	/	<=30	Pass



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CP-OFDM 256 QAM	3712.5	Edge_1RB_Right	22.65	/	/	19.85	/	/	<=30	Pass
		Outer_Full	22.71	/	/	19.91	/	/	<=30	Pass
		Inner_Full	22.65	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Left	22.54	/	/	19.74	/	/	<=30	Pass
		Inner_1RB_Right	22.67	/	/	19.87	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.45	/	/	16.65	/	/	<=30	Pass
		Edge_1RB_Right	19.66	/	/	16.86	/	/	<=30	Pass
		Outer_Full	19.66	/	/	16.86	/	/	<=30	Pass
		Inner_Full	19.65	/	/	16.85	/	/	<=30	Pass
		Inner_1RB_Left	19.55	/	/	16.75	/	/	<=30	Pass
	3787.5	Inner_1RB_Right	19.63	/	/	16.83	/	/	<=30	Pass
		Edge_1RB_Left	19.62	/	/	16.82	/	/	<=30	Pass
		Edge_1RB_Right	19.71	/	/	16.91	/	/	<=30	Pass
		Outer_Full	19.72	/	/	16.92	/	/	<=30	Pass
		Inner_Full	19.73	/	/	16.93	/	/	<=30	Pass
	3787.5	Inner_1RB_Left	19.71	/	/	16.91	/	/	<=30	Pass
		Inner_1RB_Right	19.71	/	/	16.91	/	/	<=30	Pass
		Edge_1RB_Left	19.53	/	/	16.73	/	/	<=30	Pass
		Edge_1RB_Right	19.68	/	/	16.88	/	/	<=30	Pass
		Outer_Full	19.68	/	/	16.88	/	/	<=30	Pass
	3787.5	Inner_Full	19.65	/	/	16.85	/	/	<=30	Pass
		Inner_1RB_Left	19.50	/	/	16.70	/	/	<=30	Pass
		Inner_1RB_Right	19.71	/	/	16.91	/	/	<=30	Pass

Note1: Antenna Gain: Ant5: -2.80dBi;
 Note2: EIRP=Conducted Power+Antenna Gain



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1.12 30k_SISO_30MHz_NTNV_EIRP

1.12.1 Test Result

5G NR n78a SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Edge_1RB_Left	22.39	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.94	/	/	<=30	Pass
		Outer_Full	25.00	/	/	22.20	/	/	<=30	Pass
		Inner_Full	25.97	/	/	23.17	/	/	<=30	Pass
		Inner_1RB_Left	25.78	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Right	26.16	/	/	23.36	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.60	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.88	/	/	<=30	Pass
		Outer_Full	25.75	/	/	22.95	/	/	<=30	Pass
		Inner_Full	26.27	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	23.34	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.58	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.91	/	/	<=30	Pass
		Outer_Full	25.73	/	/	22.93	/	/	<=30	Pass
		Inner_Full	26.16	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Left	26.13	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Right	26.16	/	/	23.36	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	22.37	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	19.89	/	/	<=30	Pass
		Outer_Full	25.02	/	/	22.22	/	/	<=30	Pass
		Inner_Full	25.95	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Left	25.74	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	26.11	/	/	23.31	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.62	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.88	/	/	<=30	Pass
		Outer_Full	25.21	/	/	22.41	/	/	<=30	Pass
		Inner_Full	26.20	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	26.18	/	/	23.38	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.65	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	19.87	/	/	<=30	Pass
		Outer_Full	25.24	/	/	22.44	/	/	<=30	Pass
		Inner_Full	26.24	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	26.20	/	/	23.40	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge_1RB_Left	22.19	/	/	19.39	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.68	/	/	<=30	Pass
		Outer_Full	23.99	/	/	21.19	/	/	<=30	Pass
		Inner_Full	25.05	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Left	24.53	/	/	21.73	/	/	<=30	Pass



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	3750	Inner_1RB_Right	24.99	/	/	22.19	/	/	<=30	Pass	
		Edge_1RB_Left	22.54	/	/	19.74	/	/	<=30	Pass	
		Edge_1RB_Right	22.53	/	/	19.73	/	/	<=30	Pass	
		Outer_Full	24.21	/	/	21.41	/	/	<=30	Pass	
		Inner_Full	25.26	/	/	22.46	/	/	<=30	Pass	
		Inner_1RB_Left	24.92	/	/	22.12	/	/	<=30	Pass	
	3784.98	Inner_1RB_Right	25.05	/	/	22.25	/	/	<=30	Pass	
		Edge_1RB_Left	22.50	/	/	19.70	/	/	<=30	Pass	
		Edge_1RB_Right	22.55	/	/	19.75	/	/	<=30	Pass	
		Outer_Full	24.22	/	/	21.42	/	/	<=30	Pass	
		Inner_Full	25.19	/	/	22.39	/	/	<=30	Pass	
		Inner_1RB_Left	24.95	/	/	22.15	/	/	<=30	Pass	
	DFT-s-OFDM 64 QAM	3715.02	Inner_1RB_Right	25.07	/	/	22.27	/	/	<=30	Pass
			Edge_1RB_Left	22.42	/	/	19.62	/	/	<=30	Pass
Edge_1RB_Right			22.72	/	/	19.92	/	/	<=30	Pass	
Outer_Full			23.53	/	/	20.73	/	/	<=30	Pass	
Inner_Full			23.55	/	/	20.75	/	/	<=30	Pass	
Inner_1RB_Left			23.44	/	/	20.64	/	/	<=30	Pass	
3750		Inner_1RB_Right	23.55	/	/	20.75	/	/	<=30	Pass	
		Edge_1RB_Left	22.68	/	/	19.88	/	/	<=30	Pass	
		Edge_1RB_Right	22.68	/	/	19.88	/	/	<=30	Pass	
		Outer_Full	23.73	/	/	20.93	/	/	<=30	Pass	
		Inner_Full	23.74	/	/	20.94	/	/	<=30	Pass	
		Inner_1RB_Left	23.62	/	/	20.82	/	/	<=30	Pass	
3784.98		Inner_1RB_Right	23.72	/	/	20.92	/	/	<=30	Pass	
		Edge_1RB_Left	22.72	/	/	19.92	/	/	<=30	Pass	
	Edge_1RB_Right	22.71	/	/	19.91	/	/	<=30	Pass		
	Outer_Full	23.73	/	/	20.93	/	/	<=30	Pass		
	Inner_Full	23.64	/	/	20.84	/	/	<=30	Pass		
	Inner_1RB_Left	23.57	/	/	20.77	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3715.02	Inner_1RB_Right	23.76	/	/	20.96	/	/	<=30	Pass	
		Edge_1RB_Left	21.37	/	/	18.57	/	/	<=30	Pass	
		Edge_1RB_Right	21.66	/	/	18.86	/	/	<=30	Pass	
		Outer_Full	21.50	/	/	18.70	/	/	<=30	Pass	
		Inner_Full	21.50	/	/	18.70	/	/	<=30	Pass	
		Inner_1RB_Left	21.35	/	/	18.55	/	/	<=30	Pass	
	3750	Inner_1RB_Right	21.67	/	/	18.87	/	/	<=30	Pass	
		Edge_1RB_Left	21.65	/	/	18.85	/	/	<=30	Pass	
		Edge_1RB_Right	21.71	/	/	18.91	/	/	<=30	Pass	
		Outer_Full	21.76	/	/	18.96	/	/	<=30	Pass	
		Inner_Full	21.75	/	/	18.95	/	/	<=30	Pass	
		Inner_1RB_Left	21.65	/	/	18.85	/	/	<=30	Pass	
	3784.98	Inner_1RB_Right	21.64	/	/	18.84	/	/	<=30	Pass	
		Edge_1RB_Left	21.65	/	/	18.85	/	/	<=30	Pass	
Edge_1RB_Right		21.68	/	/	18.88	/	/	<=30	Pass		
Outer_Full		21.69	/	/	18.89	/	/	<=30	Pass		
Inner_Full		21.66	/	/	18.86	/	/	<=30	Pass		
Inner_1RB_Left		21.67	/	/	18.87	/	/	<=30	Pass		
		Inner_1RB_Right	21.61	/	/	18.81	/	/	<=30	Pass	



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CP-OFDM QPSK	3715.02	Edge_1RB_Left	22.28	/	/	19.48	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	19.77	/	/	<=30	Pass
		Outer_Full	23.07	/	/	20.27	/	/	<=30	Pass
		Inner_Full	24.51	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	24.21	/	/	21.41	/	/	<=30	Pass
	Inner_1RB_Right	24.53	/	/	21.73	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.55	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	19.86	/	/	<=30	Pass
		Outer_Full	23.25	/	/	20.45	/	/	<=30	Pass
		Inner_Full	24.71	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	21.72	/	/	<=30	Pass
	Inner_1RB_Right	24.47	/	/	21.67	/	/	<=30	Pass	
	3784.98	Edge_1RB_Left	22.55	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	19.77	/	/	<=30	Pass
		Outer_Full	23.21	/	/	20.41	/	/	<=30	Pass
Inner_Full		24.69	/	/	21.89	/	/	<=30	Pass	
Inner_1RB_Left		24.52	/	/	21.72	/	/	<=30	Pass	
Inner_1RB_Right	24.48	/	/	21.68	/	/	<=30	Pass		
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	22.21	/	/	19.41	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	19.84	/	/	<=30	Pass
		Outer_Full	22.99	/	/	20.19	/	/	<=30	Pass
		Inner_Full	24.13	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Left	23.70	/	/	20.90	/	/	<=30	Pass
	Inner_1RB_Right	24.01	/	/	21.21	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.54	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	19.84	/	/	<=30	Pass
		Outer_Full	23.23	/	/	20.43	/	/	<=30	Pass
		Inner_Full	24.32	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	21.14	/	/	<=30	Pass
	Inner_1RB_Right	24.06	/	/	21.26	/	/	<=30	Pass	
	3784.98	Edge_1RB_Left	22.45	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	19.71	/	/	<=30	Pass
		Outer_Full	23.24	/	/	20.44	/	/	<=30	Pass
Inner_Full		24.24	/	/	21.44	/	/	<=30	Pass	
Inner_1RB_Left		23.99	/	/	21.19	/	/	<=30	Pass	
Inner_1RB_Right	23.94	/	/	21.14	/	/	<=30	Pass		
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	22.45	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	20.04	/	/	<=30	Pass
		Outer_Full	22.53	/	/	19.73	/	/	<=30	Pass
		Inner_Full	22.62	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	19.62	/	/	<=30	Pass
	Inner_1RB_Right	22.64	/	/	19.84	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.86	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	19.95	/	/	<=30	Pass
		Outer_Full	22.76	/	/	19.96	/	/	<=30	Pass
		Inner_Full	22.78	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	19.91	/	/	<=30	Pass
	Inner_1RB_Right	22.71	/	/	19.91	/	/	<=30	Pass	
	3784.98	Edge_1RB_Left	22.90	/	/	20.10	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	22.78	/	/	19.98	/	/	<=30	Pass	
		Outer_Full	22.74	/	/	19.94	/	/	<=30	Pass	
		Inner_Full	22.74	/	/	19.94	/	/	<=30	Pass	
		Inner_1RB_Left	22.70	/	/	19.90	/	/	<=30	Pass	
		Inner_1RB_Right	22.70	/	/	19.90	/	/	<=30	Pass	
	3715.02	Edge_1RB_Left	19.36	/	/	16.56	/	/	<=30	Pass	
		Edge_1RB_Right	19.70	/	/	16.90	/	/	<=30	Pass	
		Outer_Full	19.62	/	/	16.82	/	/	<=30	Pass	
		Inner_Full	19.57	/	/	16.77	/	/	<=30	Pass	
		Inner_1RB_Left	19.39	/	/	16.59	/	/	<=30	Pass	
		Inner_1RB_Right	19.70	/	/	16.90	/	/	<=30	Pass	
		3750	Edge_1RB_Left	19.70	/	/	16.90	/	/	<=30	Pass
			Edge_1RB_Right	19.77	/	/	16.97	/	/	<=30	Pass
			Outer_Full	19.77	/	/	16.97	/	/	<=30	Pass
			Inner_Full	19.77	/	/	16.97	/	/	<=30	Pass
	Inner_1RB_Left		19.67	/	/	16.87	/	/	<=30	Pass	
	3784.98	Inner_1RB_Right	19.71	/	/	16.91	/	/	<=30	Pass	
		Edge_1RB_Left	19.66	/	/	16.86	/	/	<=30	Pass	
		Edge_1RB_Right	19.73	/	/	16.93	/	/	<=30	Pass	
		Outer_Full	19.72	/	/	16.92	/	/	<=30	Pass	
		Inner_Full	19.71	/	/	16.91	/	/	<=30	Pass	
		Inner_1RB_Left	19.68	/	/	16.88	/	/	<=30	Pass	
		Inner_1RB_Right	19.71	/	/	16.91	/	/	<=30	Pass	

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.13 30k_SISO_40MHz_NTNV_EIRP

1.13.1 Test Result

5G NR n78a SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Edge_1RB_Left	22.45	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.94	/	/	<=30	Pass
		Outer_Full	25.14	/	/	22.34	/	/	<=30	Pass
		Inner_Full	26.19	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	25.85	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	26.24	/	/	23.44	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.56	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	19.83	/	/	<=30	Pass
		Outer_Full	25.74	/	/	22.94	/	/	<=30	Pass
		Inner_Full	26.11	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	23.18	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	23.30	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.53	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	19.86	/	/	<=30	Pass
		Outer_Full	25.76	/	/	22.96	/	/	<=30	Pass
		Inner_Full	26.18	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	23.20	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	23.34	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	22.49	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	20.00	/	/	<=30	Pass
		Outer_Full	25.14	/	/	22.34	/	/	<=30	Pass
		Inner_Full	26.12	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	25.87	/	/	23.07	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	23.39	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.63	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	19.86	/	/	<=30	Pass
		Outer_Full	25.21	/	/	22.41	/	/	<=30	Pass
		Inner_Full	26.26	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Left	26.13	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	23.28	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	19.92	/	/	<=30	Pass
		Outer_Full	25.15	/	/	22.35	/	/	<=30	Pass
		Inner_Full	26.14	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Left	26.06	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	23.34	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge_1RB_Left	22.32	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.80	/	/	<=30	Pass
		Outer_Full	24.09	/	/	21.29	/	/	<=30	Pass
		Inner_Full	25.12	/	/	22.32	/	/	<=30	Pass
		Inner_1RB_Left	24.85	/	/	22.05	/	/	<=30	Pass



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	3750	Inner_1RB_Right	25.00	/	/	22.20	/	/	<=30	Pass	
		Edge_1RB_Left	22.43	/	/	19.63	/	/	<=30	Pass	
		Edge_1RB_Right	22.55	/	/	19.75	/	/	<=30	Pass	
		Outer_Full	24.21	/	/	21.41	/	/	<=30	Pass	
		Inner_Full	25.22	/	/	22.42	/	/	<=30	Pass	
		Inner_1RB_Left	25.00	/	/	22.20	/	/	<=30	Pass	
	3780	Inner_1RB_Right	25.14	/	/	22.34	/	/	<=30	Pass	
		Edge_1RB_Left	22.44	/	/	19.64	/	/	<=30	Pass	
		Edge_1RB_Right	22.61	/	/	19.81	/	/	<=30	Pass	
		Outer_Full	24.11	/	/	21.31	/	/	<=30	Pass	
		Inner_Full	25.15	/	/	22.35	/	/	<=30	Pass	
		Inner_1RB_Left	25.09	/	/	22.29	/	/	<=30	Pass	
	DFT-s-OFDM 64 QAM	3720	Inner_1RB_Right	25.10	/	/	22.30	/	/	<=30	Pass
			Edge_1RB_Left	22.49	/	/	19.69	/	/	<=30	Pass
Edge_1RB_Right			22.81	/	/	20.01	/	/	<=30	Pass	
Outer_Full			23.60	/	/	20.80	/	/	<=30	Pass	
Inner_Full			23.64	/	/	20.84	/	/	<=30	Pass	
Inner_1RB_Left			23.52	/	/	20.72	/	/	<=30	Pass	
3750		Inner_1RB_Right	23.78	/	/	20.98	/	/	<=30	Pass	
		Edge_1RB_Left	22.62	/	/	19.82	/	/	<=30	Pass	
		Edge_1RB_Right	22.61	/	/	19.81	/	/	<=30	Pass	
		Outer_Full	23.69	/	/	20.89	/	/	<=30	Pass	
		Inner_Full	23.71	/	/	20.91	/	/	<=30	Pass	
		Inner_1RB_Left	23.58	/	/	20.78	/	/	<=30	Pass	
3780		Inner_1RB_Right	23.61	/	/	20.81	/	/	<=30	Pass	
		Edge_1RB_Left	22.61	/	/	19.81	/	/	<=30	Pass	
	Edge_1RB_Right	22.68	/	/	19.88	/	/	<=30	Pass		
	Outer_Full	23.63	/	/	20.83	/	/	<=30	Pass		
	Inner_Full	23.59	/	/	20.79	/	/	<=30	Pass		
	Inner_1RB_Left	23.53	/	/	20.73	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3720	Inner_1RB_Right	23.65	/	/	20.85	/	/	<=30	Pass	
		Edge_1RB_Left	21.41	/	/	18.61	/	/	<=30	Pass	
		Edge_1RB_Right	21.69	/	/	18.89	/	/	<=30	Pass	
		Outer_Full	21.63	/	/	18.83	/	/	<=30	Pass	
		Inner_Full	21.67	/	/	18.87	/	/	<=30	Pass	
		Inner_1RB_Left	21.41	/	/	18.61	/	/	<=30	Pass	
	3750	Inner_1RB_Right	21.71	/	/	18.91	/	/	<=30	Pass	
		Edge_1RB_Left	21.59	/	/	18.79	/	/	<=30	Pass	
		Edge_1RB_Right	21.65	/	/	18.85	/	/	<=30	Pass	
		Outer_Full	21.73	/	/	18.93	/	/	<=30	Pass	
		Inner_Full	21.75	/	/	18.95	/	/	<=30	Pass	
		Inner_1RB_Left	21.61	/	/	18.81	/	/	<=30	Pass	
	3780	Inner_1RB_Right	21.63	/	/	18.83	/	/	<=30	Pass	
		Edge_1RB_Left	21.55	/	/	18.75	/	/	<=30	Pass	
Edge_1RB_Right		21.73	/	/	18.93	/	/	<=30	Pass		
Outer_Full		21.68	/	/	18.88	/	/	<=30	Pass		
Inner_Full		21.60	/	/	18.80	/	/	<=30	Pass		
Inner_1RB_Left		21.60	/	/	18.80	/	/	<=30	Pass		
		Inner_1RB_Right	21.67	/	/	18.87	/	/	<=30	Pass	



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CP-OFDM QPSK	3720	Edge_1RB_Left	22.40	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	19.90	/	/	<=30	Pass
		Outer_Full	23.12	/	/	20.32	/	/	<=30	Pass
		Inner_Full	24.65	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Left	24.34	/	/	21.54	/	/	<=30	Pass
	Inner_1RB_Right	24.55	/	/	21.75	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.58	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.80	/	/	<=30	Pass
		Outer_Full	23.20	/	/	20.40	/	/	<=30	Pass
		Inner_Full	24.79	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	24.57	/	/	21.77	/	/	<=30	Pass
	Inner_1RB_Right	24.51	/	/	21.71	/	/	<=30	Pass	
	3780	Edge_1RB_Left	22.47	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	19.86	/	/	<=30	Pass
		Outer_Full	23.12	/	/	20.32	/	/	<=30	Pass
Inner_Full		24.62	/	/	21.82	/	/	<=30	Pass	
Inner_1RB_Left		24.50	/	/	21.70	/	/	<=30	Pass	
Inner_1RB_Right	24.48	/	/	21.68	/	/	<=30	Pass		
CP-OFDM 16 QAM	3720	Edge_1RB_Left	22.35	/	/	19.55	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.79	/	/	<=30	Pass
		Outer_Full	23.15	/	/	20.35	/	/	<=30	Pass
		Inner_Full	24.13	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Left	23.86	/	/	21.06	/	/	<=30	Pass
	Inner_1RB_Right	24.16	/	/	21.36	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.53	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	19.82	/	/	<=30	Pass
		Outer_Full	23.20	/	/	20.40	/	/	<=30	Pass
		Inner_Full	24.20	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Left	23.99	/	/	21.19	/	/	<=30	Pass
	Inner_1RB_Right	24.03	/	/	21.23	/	/	<=30	Pass	
	3780	Edge_1RB_Left	22.50	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	19.86	/	/	<=30	Pass
		Outer_Full	23.12	/	/	20.32	/	/	<=30	Pass
Inner_Full		24.11	/	/	21.31	/	/	<=30	Pass	
Inner_1RB_Left		23.99	/	/	21.19	/	/	<=30	Pass	
Inner_1RB_Right	24.11	/	/	21.31	/	/	<=30	Pass		
CP-OFDM 64 QAM	3720	Edge_1RB_Left	22.63	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.82	/	/	20.02	/	/	<=30	Pass
		Outer_Full	22.63	/	/	19.83	/	/	<=30	Pass
		Inner_Full	22.65	/	/	19.85	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	19.72	/	/	<=30	Pass
	Inner_1RB_Right	22.74	/	/	19.94	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.69	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.96	/	/	<=30	Pass
		Outer_Full	22.69	/	/	19.89	/	/	<=30	Pass
		Inner_Full	22.75	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	19.85	/	/	<=30	Pass
	Inner_1RB_Right	22.72	/	/	19.92	/	/	<=30	Pass	
	3780	Edge_1RB_Left	22.74	/	/	19.94	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	22.87	/	/	20.07	/	/	<=30	Pass
		Outer_Full	22.60	/	/	19.80	/	/	<=30	Pass
		Inner_Full	22.69	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	19.86	/	/	<=30	Pass
		Inner_1RB_Right	22.70	/	/	19.90	/	/	<=30	Pass
	3720	Edge_1RB_Left	19.42	/	/	16.62	/	/	<=30	Pass
		Edge_1RB_Right	19.72	/	/	16.92	/	/	<=30	Pass
		Outer_Full	19.69	/	/	16.89	/	/	<=30	Pass
		Inner_Full	19.70	/	/	16.90	/	/	<=30	Pass
		Inner_1RB_Left	19.49	/	/	16.69	/	/	<=30	Pass
	3750	Inner_1RB_Right	19.78	/	/	16.98	/	/	<=30	Pass
		Edge_1RB_Left	19.65	/	/	16.85	/	/	<=30	Pass
		Edge_1RB_Right	19.67	/	/	16.87	/	/	<=30	Pass
		Outer_Full	19.71	/	/	16.91	/	/	<=30	Pass
		Inner_Full	19.79	/	/	16.99	/	/	<=30	Pass
	3780	Inner_1RB_Left	19.57	/	/	16.77	/	/	<=30	Pass
		Inner_1RB_Right	19.70	/	/	16.90	/	/	<=30	Pass
		Edge_1RB_Left	19.60	/	/	16.80	/	/	<=30	Pass
		Edge_1RB_Right	19.70	/	/	16.90	/	/	<=30	Pass
		Outer_Full	19.65	/	/	16.85	/	/	<=30	Pass
		Inner_Full	19.66	/	/	16.86	/	/	<=30	Pass
		Inner_1RB_Left	19.66	/	/	16.86	/	/	<=30	Pass
		Inner_1RB_Right	19.71	/	/	16.91	/	/	<=30	Pass

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.14 30k_SISO_50MHz_NTNV_EIRP

1.14.1 Test Result

5G NR n78a SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3725.01	Edge_1RB_Left	22.34	/	/	19.54	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.96	/	/	<=30	Pass
		Outer_Full	25.10	/	/	22.30	/	/	<=30	Pass
		Inner_Full	26.04	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Left	25.68	/	/	22.88	/	/	<=30	Pass
		Inner_1RB_Right	26.15	/	/	23.35	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.52	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.79	/	/	<=30	Pass
		Outer_Full	25.72	/	/	22.92	/	/	<=30	Pass
		Inner_Full	26.22	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	23.27	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.61	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.80	/	/	<=30	Pass
		Outer_Full	25.75	/	/	22.95	/	/	<=30	Pass
		Inner_Full	26.25	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	26.16	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	23.20	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge_1RB_Left	22.33	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	19.93	/	/	<=30	Pass
		Outer_Full	25.08	/	/	22.28	/	/	<=30	Pass
		Inner_Full	26.05	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	25.62	/	/	22.82	/	/	<=30	Pass
		Inner_1RB_Right	26.20	/	/	23.40	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.58	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	19.85	/	/	<=30	Pass
		Outer_Full	25.19	/	/	22.39	/	/	<=30	Pass
		Inner_Full	26.21	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	26.03	/	/	23.23	/	/	<=30	Pass
		Inner_1RB_Right	26.13	/	/	23.33	/	/	<=30	Pass
	3774.99	Edge_1RB_Left	22.68	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.88	/	/	<=30	Pass
		Outer_Full	25.19	/	/	22.39	/	/	<=30	Pass
		Inner_Full	26.19	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	23.30	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	22.26	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.80	/	/	<=30	Pass
		Outer_Full	24.10	/	/	21.30	/	/	<=30	Pass
		Inner_Full	25.06	/	/	22.26	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	21.85	/	/	<=30	Pass



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	3750	Inner_1RB_Right	24.95	/	/	22.15	/	/	<=30	Pass	
		Edge_1RB_Left	22.31	/	/	19.51	/	/	<=30	Pass	
		Edge_1RB_Right	22.52	/	/	19.72	/	/	<=30	Pass	
		Outer_Full	24.18	/	/	21.38	/	/	<=30	Pass	
		Inner_Full	25.23	/	/	22.43	/	/	<=30	Pass	
		Inner_1RB_Left	24.99	/	/	22.19	/	/	<=30	Pass	
	3774.99	Inner_1RB_Right	24.99	/	/	22.19	/	/	<=30	Pass	
		Edge_1RB_Left	22.49	/	/	19.69	/	/	<=30	Pass	
		Edge_1RB_Right	22.54	/	/	19.74	/	/	<=30	Pass	
		Outer_Full	24.23	/	/	21.43	/	/	<=30	Pass	
		Inner_Full	25.12	/	/	22.32	/	/	<=30	Pass	
		Inner_1RB_Left	24.92	/	/	22.12	/	/	<=30	Pass	
	DFT-s-OFDM 64 QAM	3725.01	Inner_1RB_Right	24.86	/	/	22.06	/	/	<=30	Pass
			Edge_1RB_Left	22.26	/	/	19.46	/	/	<=30	Pass
Edge_1RB_Right			22.75	/	/	19.95	/	/	<=30	Pass	
Outer_Full			23.60	/	/	20.80	/	/	<=30	Pass	
Inner_Full			23.62	/	/	20.82	/	/	<=30	Pass	
Inner_1RB_Left			23.31	/	/	20.51	/	/	<=30	Pass	
3750		Inner_1RB_Right	23.68	/	/	20.88	/	/	<=30	Pass	
		Edge_1RB_Left	22.54	/	/	19.74	/	/	<=30	Pass	
		Edge_1RB_Right	22.61	/	/	19.81	/	/	<=30	Pass	
		Outer_Full	23.70	/	/	20.90	/	/	<=30	Pass	
		Inner_Full	23.75	/	/	20.95	/	/	<=30	Pass	
		Inner_1RB_Left	23.48	/	/	20.68	/	/	<=30	Pass	
3774.99		Inner_1RB_Right	23.56	/	/	20.76	/	/	<=30	Pass	
		Edge_1RB_Left	22.71	/	/	19.91	/	/	<=30	Pass	
	Edge_1RB_Right	22.58	/	/	19.78	/	/	<=30	Pass		
	Outer_Full	23.70	/	/	20.90	/	/	<=30	Pass		
	Inner_Full	23.70	/	/	20.90	/	/	<=30	Pass		
	Inner_1RB_Left	23.71	/	/	20.91	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3725.01	Inner_1RB_Right	23.65	/	/	20.85	/	/	<=30	Pass	
		Edge_1RB_Left	21.25	/	/	18.45	/	/	<=30	Pass	
		Edge_1RB_Right	21.70	/	/	18.90	/	/	<=30	Pass	
		Outer_Full	21.62	/	/	18.82	/	/	<=30	Pass	
		Inner_Full	21.61	/	/	18.81	/	/	<=30	Pass	
		Inner_1RB_Left	21.30	/	/	18.50	/	/	<=30	Pass	
	3750	Inner_1RB_Right	21.69	/	/	18.89	/	/	<=30	Pass	
		Edge_1RB_Left	21.45	/	/	18.65	/	/	<=30	Pass	
		Edge_1RB_Right	21.56	/	/	18.76	/	/	<=30	Pass	
		Outer_Full	21.70	/	/	18.90	/	/	<=30	Pass	
		Inner_Full	21.77	/	/	18.97	/	/	<=30	Pass	
		Inner_1RB_Left	21.49	/	/	18.69	/	/	<=30	Pass	
	3774.99	Inner_1RB_Right	21.55	/	/	18.75	/	/	<=30	Pass	
		Edge_1RB_Left	21.56	/	/	18.76	/	/	<=30	Pass	
Edge_1RB_Right		21.53	/	/	18.73	/	/	<=30	Pass		
Outer_Full		21.74	/	/	18.94	/	/	<=30	Pass		
Inner_Full		21.68	/	/	18.88	/	/	<=30	Pass		
Inner_1RB_Left		21.68	/	/	18.88	/	/	<=30	Pass		
		Inner_1RB_Right	21.57	/	/	18.77	/	/	<=30	Pass	



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CP-OFDM QPSK	3725.01	Edge_1RB_Left	22.20	/	/	19.40	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	19.85	/	/	<=30	Pass
		Outer_Full	23.06	/	/	20.26	/	/	<=30	Pass
		Inner_Full	24.55	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Left	24.17	/	/	21.37	/	/	<=30	Pass
	Inner_1RB_Right	24.51	/	/	21.71	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.45	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	19.74	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.38	/	/	<=30	Pass
		Inner_Full	24.69	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Left	24.57	/	/	21.77	/	/	<=30	Pass
	Inner_1RB_Right	24.37	/	/	21.57	/	/	<=30	Pass	
	3774.99	Edge_1RB_Left	22.57	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	19.68	/	/	<=30	Pass
		Outer_Full	23.19	/	/	20.39	/	/	<=30	Pass
Inner_Full		24.66	/	/	21.86	/	/	<=30	Pass	
Inner_1RB_Left		24.57	/	/	21.77	/	/	<=30	Pass	
Inner_1RB_Right	24.46	/	/	21.66	/	/	<=30	Pass		
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	22.25	/	/	19.45	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	19.87	/	/	<=30	Pass
		Outer_Full	23.12	/	/	20.32	/	/	<=30	Pass
		Inner_Full	24.10	/	/	21.30	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	20.93	/	/	<=30	Pass
	Inner_1RB_Right	24.14	/	/	21.34	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.43	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	19.84	/	/	<=30	Pass
		Outer_Full	23.16	/	/	20.36	/	/	<=30	Pass
		Inner_Full	24.22	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Left	24.00	/	/	21.20	/	/	<=30	Pass
	Inner_1RB_Right	24.04	/	/	21.24	/	/	<=30	Pass	
	3774.99	Edge_1RB_Left	22.60	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	19.78	/	/	<=30	Pass
		Outer_Full	23.21	/	/	20.41	/	/	<=30	Pass
Inner_Full		24.18	/	/	21.38	/	/	<=30	Pass	
Inner_1RB_Left		24.10	/	/	21.30	/	/	<=30	Pass	
Inner_1RB_Right	23.97	/	/	21.17	/	/	<=30	Pass		
CP-OFDM 64 QAM	3725.01	Edge_1RB_Left	22.40	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.01	/	/	<=30	Pass
		Outer_Full	22.58	/	/	19.78	/	/	<=30	Pass
		Inner_Full	22.62	/	/	19.82	/	/	<=30	Pass
		Inner_1RB_Left	22.37	/	/	19.57	/	/	<=30	Pass
	Inner_1RB_Right	22.65	/	/	19.85	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.69	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.88	/	/	<=30	Pass
		Outer_Full	22.67	/	/	19.87	/	/	<=30	Pass
		Inner_Full	22.81	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Left	22.57	/	/	19.77	/	/	<=30	Pass
	Inner_1RB_Right	22.52	/	/	19.72	/	/	<=30	Pass	
	3774.99	Edge_1RB_Left	22.70	/	/	19.90	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	22.74	/	/	19.94	/	/	<=30	Pass	
		Outer_Full	22.67	/	/	19.87	/	/	<=30	Pass	
		Inner_Full	22.75	/	/	19.95	/	/	<=30	Pass	
		Inner_1RB_Left	22.67	/	/	19.87	/	/	<=30	Pass	
		Inner_1RB_Right	22.57	/	/	19.77	/	/	<=30	Pass	
	3725.01	Edge_1RB_Left	19.31	/	/	16.51	/	/	<=30	Pass	
		Edge_1RB_Right	19.72	/	/	16.92	/	/	<=30	Pass	
		Outer_Full	19.57	/	/	16.77	/	/	<=30	Pass	
		Inner_Full	19.63	/	/	16.83	/	/	<=30	Pass	
		Inner_1RB_Left	19.37	/	/	16.57	/	/	<=30	Pass	
	3750	Inner_1RB_Right	19.69	/	/	16.89	/	/	<=30	Pass	
		Edge_1RB_Left	19.59	/	/	16.79	/	/	<=30	Pass	
		Edge_1RB_Right	19.63	/	/	16.83	/	/	<=30	Pass	
		Outer_Full	19.67	/	/	16.87	/	/	<=30	Pass	
		Inner_Full	19.78	/	/	16.98	/	/	<=30	Pass	
	3774.99	Inner_1RB_Left	19.54	/	/	16.74	/	/	<=30	Pass	
		Inner_1RB_Right	19.58	/	/	16.78	/	/	<=30	Pass	
		Edge_1RB_Left	19.67	/	/	16.87	/	/	<=30	Pass	
		Edge_1RB_Right	19.62	/	/	16.82	/	/	<=30	Pass	
		Outer_Full	19.71	/	/	16.91	/	/	<=30	Pass	
			Inner_Full	19.73	/	/	16.93	/	/	<=30	Pass
			Inner_1RB_Left	19.69	/	/	16.89	/	/	<=30	Pass
			Inner_1RB_Right	19.63	/	/	16.83	/	/	<=30	Pass

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.15 30k_SISO_60MHz_NTNV_EIRP

1.15.1 Test Result

5G NR n78a SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3730.02	Edge_1RB_Left	22.44	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	19.90	/	/	<=30	Pass
		Outer_Full	25.09	/	/	22.29	/	/	<=30	Pass
		Inner_Full	26.10	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Left	25.74	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	23.28	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.45	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	19.76	/	/	<=30	Pass
		Outer_Full	25.64	/	/	22.84	/	/	<=30	Pass
		Inner_Full	26.13	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	25.79	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	23.22	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.63	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	19.87	/	/	<=30	Pass
		Outer_Full	25.71	/	/	22.91	/	/	<=30	Pass
		Inner_Full	26.22	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Right	26.12	/	/	23.32	/	/	<=30	Pass
DFT-s-OFDM QPSK	3730.02	Edge_1RB_Left	22.40	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	19.90	/	/	<=30	Pass
		Outer_Full	25.09	/	/	22.29	/	/	<=30	Pass
		Inner_Full	26.12	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	25.74	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	23.28	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.54	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	19.85	/	/	<=30	Pass
		Outer_Full	25.16	/	/	22.36	/	/	<=30	Pass
		Inner_Full	26.15	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Right	26.05	/	/	23.25	/	/	<=30	Pass
	3769.98	Edge_1RB_Left	22.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	19.90	/	/	<=30	Pass
		Outer_Full	25.17	/	/	22.37	/	/	<=30	Pass
		Inner_Full	26.11	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	26.01	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Right	26.22	/	/	23.42	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3730.02	Edge_1RB_Left	22.25	/	/	19.45	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	19.72	/	/	<=30	Pass
		Outer_Full	24.09	/	/	21.29	/	/	<=30	Pass
		Inner_Full	25.19	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	21.95	/	/	<=30	Pass



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	3750	Inner_1RB_Right	25.04	/	/	22.24	/	/	<=30	Pass	
		Edge_1RB_Left	22.36	/	/	19.56	/	/	<=30	Pass	
		Edge_1RB_Right	22.47	/	/	19.67	/	/	<=30	Pass	
		Outer_Full	24.14	/	/	21.34	/	/	<=30	Pass	
		Inner_Full	25.15	/	/	22.35	/	/	<=30	Pass	
		Inner_1RB_Left	24.88	/	/	22.08	/	/	<=30	Pass	
	3769.98	Inner_1RB_Right	24.99	/	/	22.19	/	/	<=30	Pass	
		Edge_1RB_Left	22.52	/	/	19.72	/	/	<=30	Pass	
		Edge_1RB_Right	22.52	/	/	19.72	/	/	<=30	Pass	
		Outer_Full	24.14	/	/	21.34	/	/	<=30	Pass	
		Inner_Full	25.14	/	/	22.34	/	/	<=30	Pass	
		Inner_1RB_Left	24.86	/	/	22.06	/	/	<=30	Pass	
	DFT-s-OFDM 64 QAM	3730.02	Inner_1RB_Right	25.10	/	/	22.30	/	/	<=30	Pass
			Edge_1RB_Left	22.36	/	/	19.56	/	/	<=30	Pass
Edge_1RB_Right			22.74	/	/	19.94	/	/	<=30	Pass	
Outer_Full			23.61	/	/	20.81	/	/	<=30	Pass	
Inner_Full			23.72	/	/	20.92	/	/	<=30	Pass	
Inner_1RB_Left			23.36	/	/	20.56	/	/	<=30	Pass	
3750		Inner_1RB_Right	23.70	/	/	20.90	/	/	<=30	Pass	
		Edge_1RB_Left	22.41	/	/	19.61	/	/	<=30	Pass	
		Edge_1RB_Right	22.56	/	/	19.76	/	/	<=30	Pass	
		Outer_Full	23.59	/	/	20.79	/	/	<=30	Pass	
		Inner_Full	23.67	/	/	20.87	/	/	<=30	Pass	
		Inner_1RB_Left	23.51	/	/	20.71	/	/	<=30	Pass	
3769.98		Inner_1RB_Right	23.62	/	/	20.82	/	/	<=30	Pass	
		Edge_1RB_Left	22.55	/	/	19.75	/	/	<=30	Pass	
	Edge_1RB_Right	22.75	/	/	19.95	/	/	<=30	Pass		
	Outer_Full	23.66	/	/	20.86	/	/	<=30	Pass		
	Inner_Full	23.67	/	/	20.87	/	/	<=30	Pass		
	Inner_1RB_Left	23.58	/	/	20.78	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3730.02	Inner_1RB_Right	23.66	/	/	20.86	/	/	<=30	Pass	
		Edge_1RB_Left	21.36	/	/	18.56	/	/	<=30	Pass	
		Edge_1RB_Right	21.66	/	/	18.86	/	/	<=30	Pass	
		Outer_Full	21.63	/	/	18.83	/	/	<=30	Pass	
		Inner_Full	21.68	/	/	18.88	/	/	<=30	Pass	
		Inner_1RB_Left	21.37	/	/	18.57	/	/	<=30	Pass	
	3750	Inner_1RB_Right	21.62	/	/	18.82	/	/	<=30	Pass	
		Edge_1RB_Left	21.51	/	/	18.71	/	/	<=30	Pass	
		Edge_1RB_Right	21.57	/	/	18.77	/	/	<=30	Pass	
		Outer_Full	21.63	/	/	18.83	/	/	<=30	Pass	
		Inner_Full	21.65	/	/	18.85	/	/	<=30	Pass	
		Inner_1RB_Left	21.45	/	/	18.65	/	/	<=30	Pass	
	3769.98	Inner_1RB_Right	21.54	/	/	18.74	/	/	<=30	Pass	
		Edge_1RB_Left	21.58	/	/	18.78	/	/	<=30	Pass	
Edge_1RB_Right		21.71	/	/	18.91	/	/	<=30	Pass		
Outer_Full		21.68	/	/	18.88	/	/	<=30	Pass		
Inner_Full		21.65	/	/	18.85	/	/	<=30	Pass		
Inner_1RB_Left		21.61	/	/	18.81	/	/	<=30	Pass		
		Inner_1RB_Right	21.69	/	/	18.89	/	/	<=30	Pass	



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CP-OFDM QPSK	3730.02	Edge_1RB_Left	22.32	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	19.74	/	/	<=30	Pass
		Outer_Full	23.08	/	/	20.28	/	/	<=30	Pass
		Inner_Full	24.67	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	21.51	/	/	<=30	Pass
	Inner_1RB_Right	24.51	/	/	21.71	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.43	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	19.71	/	/	<=30	Pass
		Outer_Full	23.12	/	/	20.32	/	/	<=30	Pass
		Inner_Full	24.65	/	/	21.85	/	/	<=30	Pass
		Inner_1RB_Left	24.42	/	/	21.62	/	/	<=30	Pass
	Inner_1RB_Right	24.39	/	/	21.59	/	/	<=30	Pass	
	3769.98	Edge_1RB_Left	22.46	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.79	/	/	<=30	Pass
		Outer_Full	23.14	/	/	20.34	/	/	<=30	Pass
Inner_Full		24.61	/	/	21.81	/	/	<=30	Pass	
Inner_1RB_Left		24.43	/	/	21.63	/	/	<=30	Pass	
Inner_1RB_Right	24.44	/	/	21.64	/	/	<=30	Pass		
CP-OFDM 16 QAM	3730.02	Edge_1RB_Left	22.33	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.79	/	/	<=30	Pass
		Outer_Full	23.05	/	/	20.25	/	/	<=30	Pass
		Inner_Full	24.12	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	20.93	/	/	<=30	Pass
	Inner_1RB_Right	23.99	/	/	21.19	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.44	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	19.77	/	/	<=30	Pass
		Outer_Full	23.13	/	/	20.33	/	/	<=30	Pass
		Inner_Full	24.11	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	23.92	/	/	21.12	/	/	<=30	Pass
	Inner_1RB_Right	23.92	/	/	21.12	/	/	<=30	Pass	
	3769.98	Edge_1RB_Left	22.51	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.79	/	/	<=30	Pass
		Outer_Full	23.14	/	/	20.34	/	/	<=30	Pass
Inner_Full		24.12	/	/	21.32	/	/	<=30	Pass	
Inner_1RB_Left		24.03	/	/	21.23	/	/	<=30	Pass	
Inner_1RB_Right	24.06	/	/	21.26	/	/	<=30	Pass		
CP-OFDM 64 QAM	3730.02	Edge_1RB_Left	22.48	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.80	/	/	<=30	Pass
		Outer_Full	22.61	/	/	19.81	/	/	<=30	Pass
		Inner_Full	22.72	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Left	22.41	/	/	19.61	/	/	<=30	Pass
	Inner_1RB_Right	22.70	/	/	19.90	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.61	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	19.82	/	/	<=30	Pass
		Outer_Full	22.60	/	/	19.80	/	/	<=30	Pass
		Inner_Full	22.67	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Left	22.53	/	/	19.73	/	/	<=30	Pass
	Inner_1RB_Right	22.61	/	/	19.81	/	/	<=30	Pass	
	3769.98	Edge_1RB_Left	22.69	/	/	19.89	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	22.70	/	/	19.90	/	/	<=30	Pass
		Outer_Full	22.61	/	/	19.81	/	/	<=30	Pass
		Inner_Full	22.67	/	/	19.87	/	/	<=30	Pass
		Inner_1RB_Left	22.60	/	/	19.80	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	19.88	/	/	<=30	Pass
	3730.02	Edge_1RB_Left	19.35	/	/	16.55	/	/	<=30	Pass
		Edge_1RB_Right	19.65	/	/	16.85	/	/	<=30	Pass
		Outer_Full	19.60	/	/	16.80	/	/	<=30	Pass
		Inner_Full	19.67	/	/	16.87	/	/	<=30	Pass
		Inner_1RB_Left	19.35	/	/	16.55	/	/	<=30	Pass
	3750	Inner_1RB_Right	19.61	/	/	16.81	/	/	<=30	Pass
		Edge_1RB_Left	19.58	/	/	16.78	/	/	<=30	Pass
		Edge_1RB_Right	19.64	/	/	16.84	/	/	<=30	Pass
		Outer_Full	19.64	/	/	16.84	/	/	<=30	Pass
		Inner_Full	19.65	/	/	16.85	/	/	<=30	Pass
	3769.98	Inner_1RB_Left	19.53	/	/	16.73	/	/	<=30	Pass
		Inner_1RB_Right	19.62	/	/	16.82	/	/	<=30	Pass
		Edge_1RB_Left	19.64	/	/	16.84	/	/	<=30	Pass
		Edge_1RB_Right	19.70	/	/	16.90	/	/	<=30	Pass
		Outer_Full	19.68	/	/	16.88	/	/	<=30	Pass
		Inner_Full	19.63	/	/	16.83	/	/	<=30	Pass
		Inner_1RB_Left	19.63	/	/	16.83	/	/	<=30	Pass
		Inner_1RB_Right	19.68	/	/	16.88	/	/	<=30	Pass

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.16 30k_SISO_70MHz_NTNV_EIRP

1.16.1 Test Result

5G NR n78a SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3735	Edge_1RB_Left	22.40	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.01	/	/	<=30	Pass
		Outer_Full	25.12	/	/	22.32	/	/	<=30	Pass
		Inner_Full	26.05	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	25.74	/	/	22.94	/	/	<=30	Pass
		Inner_1RB_Right	26.16	/	/	23.36	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.44	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	19.83	/	/	<=30	Pass
		Outer_Full	25.61	/	/	22.81	/	/	<=30	Pass
		Inner_Full	26.23	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Left	25.78	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	23.15	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.47	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.01	/	/	<=30	Pass
		Outer_Full	25.66	/	/	22.86	/	/	<=30	Pass
		Inner_Full	26.11	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	25.85	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	23.39	/	/	<=30	Pass
DFT-s-OFDM QPSK	3735	Edge_1RB_Left	22.35	/	/	19.55	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	19.98	/	/	<=30	Pass
		Outer_Full	25.14	/	/	22.34	/	/	<=30	Pass
		Inner_Full	26.06	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Left	25.78	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Right	26.12	/	/	23.32	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.51	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.80	/	/	<=30	Pass
		Outer_Full	25.21	/	/	22.41	/	/	<=30	Pass
		Inner_Full	26.11	/	/	23.31	/	/	<=30	Pass
		Inner_1RB_Left	25.85	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Right	26.01	/	/	23.21	/	/	<=30	Pass
	3765	Edge_1RB_Left	22.55	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.84	/	/	20.04	/	/	<=30	Pass
		Outer_Full	25.18	/	/	22.38	/	/	<=30	Pass
		Inner_Full	26.13	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	25.93	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	26.25	/	/	23.45	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3735	Edge_1RB_Left	22.25	/	/	19.45	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.80	/	/	<=30	Pass
		Outer_Full	24.16	/	/	21.36	/	/	<=30	Pass
		Inner_Full	25.20	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	24.69	/	/	21.89	/	/	<=30	Pass



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	3750	Inner_1RB_Right	25.07	/	/	22.27	/	/	<=30	Pass		
		Edge_1RB_Left	22.37	/	/	19.57	/	/	<=30	Pass		
		Edge_1RB_Right	22.42	/	/	19.62	/	/	<=30	Pass		
		Outer_Full	24.19	/	/	21.39	/	/	<=30	Pass		
		Inner_Full	25.24	/	/	22.44	/	/	<=30	Pass		
		Inner_1RB_Left	24.77	/	/	21.97	/	/	<=30	Pass		
		Inner_1RB_Right	25.08	/	/	22.28	/	/	<=30	Pass		
	3765	Edge_1RB_Left	22.39	/	/	19.59	/	/	<=30	Pass		
		Edge_1RB_Right	22.76	/	/	19.96	/	/	<=30	Pass		
		Outer_Full	24.15	/	/	21.35	/	/	<=30	Pass		
		Inner_Full	25.11	/	/	22.31	/	/	<=30	Pass		
		Inner_1RB_Left	24.95	/	/	22.15	/	/	<=30	Pass		
		Inner_1RB_Right	25.25	/	/	22.45	/	/	<=30	Pass		
DFT-s-OFDM 64 QAM	3735	Edge_1RB_Left	22.35	/	/	19.55	/	/	<=30	Pass		
		Edge_1RB_Right	22.77	/	/	19.97	/	/	<=30	Pass		
		Outer_Full	23.67	/	/	20.87	/	/	<=30	Pass		
		Inner_Full	23.70	/	/	20.90	/	/	<=30	Pass		
		Inner_1RB_Left	23.42	/	/	20.62	/	/	<=30	Pass		
		Inner_1RB_Right	23.69	/	/	20.89	/	/	<=30	Pass		
		3750	Edge_1RB_Left	22.53	/	/	19.73	/	/	<=30	Pass	
			Edge_1RB_Right	22.67	/	/	19.87	/	/	<=30	Pass	
	Outer_Full		23.70	/	/	20.90	/	/	<=30	Pass		
	Inner_Full		23.75	/	/	20.95	/	/	<=30	Pass		
	Inner_1RB_Left		23.45	/	/	20.65	/	/	<=30	Pass		
	Inner_1RB_Right		23.57	/	/	20.77	/	/	<=30	Pass		
	3765		Edge_1RB_Left	22.51	/	/	19.71	/	/	<=30	Pass	
			Edge_1RB_Right	22.90	/	/	20.10	/	/	<=30	Pass	
		Outer_Full	23.70	/	/	20.90	/	/	<=30	Pass		
		Inner_Full	23.66	/	/	20.86	/	/	<=30	Pass		
		Inner_1RB_Left	23.51	/	/	20.71	/	/	<=30	Pass		
		Inner_1RB_Right	23.82	/	/	21.02	/	/	<=30	Pass		
		DFT-s-OFDM 256 QAM	3735	Edge_1RB_Left	21.34	/	/	18.54	/	/	<=30	Pass
				Edge_1RB_Right	21.70	/	/	18.90	/	/	<=30	Pass
	Outer_Full			21.66	/	/	18.86	/	/	<=30	Pass	
	Inner_Full			21.72	/	/	18.92	/	/	<=30	Pass	
	Inner_1RB_Left			21.37	/	/	18.57	/	/	<=30	Pass	
	Inner_1RB_Right			21.71	/	/	18.91	/	/	<=30	Pass	
	3750		Edge_1RB_Left	21.50	/	/	18.70	/	/	<=30	Pass	
			Edge_1RB_Right	21.63	/	/	18.83	/	/	<=30	Pass	
			Outer_Full	21.75	/	/	18.95	/	/	<=30	Pass	
			Inner_Full	21.69	/	/	18.89	/	/	<=30	Pass	
Inner_1RB_Left			21.51	/	/	18.71	/	/	<=30	Pass		
Inner_1RB_Right			21.63	/	/	18.83	/	/	<=30	Pass		
3765	Edge_1RB_Left	21.45	/	/	18.65	/	/	<=30	Pass			
	Edge_1RB_Right	21.84	/	/	19.04	/	/	<=30	Pass			
	Outer_Full	21.75	/	/	18.95	/	/	<=30	Pass			
	Inner_Full	21.68	/	/	18.88	/	/	<=30	Pass			
	Inner_1RB_Left	21.55	/	/	18.75	/	/	<=30	Pass			
	Inner_1RB_Right	21.85	/	/	19.05	/	/	<=30	Pass			



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CP-OFDM QPSK	3735	Edge_1RB_Left	22.26	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.80	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.38	/	/	<=30	Pass
		Inner_Full	24.68	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	21.40	/	/	<=30	Pass
	Inner_1RB_Right	24.54	/	/	21.74	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.48	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	19.72	/	/	<=30	Pass
		Outer_Full	23.25	/	/	20.45	/	/	<=30	Pass
		Inner_Full	24.72	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Left	24.35	/	/	21.55	/	/	<=30	Pass
	Inner_1RB_Right	24.51	/	/	21.71	/	/	<=30	Pass	
	3765	Edge_1RB_Left	22.48	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	19.95	/	/	<=30	Pass
		Outer_Full	23.28	/	/	20.48	/	/	<=30	Pass
Inner_Full		24.64	/	/	21.84	/	/	<=30	Pass	
Inner_1RB_Left		24.38	/	/	21.58	/	/	<=30	Pass	
Inner_1RB_Right	24.71	/	/	21.91	/	/	<=30	Pass		
CP-OFDM 16 QAM	3735	Edge_1RB_Left	22.28	/	/	19.48	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	19.87	/	/	<=30	Pass
		Outer_Full	23.16	/	/	20.36	/	/	<=30	Pass
		Inner_Full	24.22	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	21.02	/	/	<=30	Pass
	Inner_1RB_Right	24.16	/	/	21.36	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.32	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	19.78	/	/	<=30	Pass
		Outer_Full	23.22	/	/	20.42	/	/	<=30	Pass
		Inner_Full	24.24	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	21.18	/	/	<=30	Pass
	Inner_1RB_Right	24.13	/	/	21.33	/	/	<=30	Pass	
	3765	Edge_1RB_Left	22.45	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	19.93	/	/	<=30	Pass
		Outer_Full	23.23	/	/	20.43	/	/	<=30	Pass
Inner_Full		24.20	/	/	21.40	/	/	<=30	Pass	
Inner_1RB_Left		23.93	/	/	21.13	/	/	<=30	Pass	
Inner_1RB_Right	24.30	/	/	21.50	/	/	<=30	Pass		
CP-OFDM 64 QAM	3735	Edge_1RB_Left	22.46	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	19.92	/	/	<=30	Pass
		Outer_Full	22.64	/	/	19.84	/	/	<=30	Pass
		Inner_Full	22.70	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Left	22.39	/	/	19.59	/	/	<=30	Pass
	Inner_1RB_Right	22.80	/	/	20.00	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.55	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	20.03	/	/	<=30	Pass
		Outer_Full	22.74	/	/	19.94	/	/	<=30	Pass
		Inner_Full	22.76	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Left	22.54	/	/	19.74	/	/	<=30	Pass
	Inner_1RB_Right	22.69	/	/	19.89	/	/	<=30	Pass	
	3765	Edge_1RB_Left	22.62	/	/	19.82	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	22.92	/	/	20.12	/	/	<=30	Pass	
		Outer_Full	22.74	/	/	19.94	/	/	<=30	Pass	
		Inner_Full	22.67	/	/	19.87	/	/	<=30	Pass	
		Inner_1RB_Left	22.53	/	/	19.73	/	/	<=30	Pass	
		Inner_1RB_Right	22.92	/	/	20.12	/	/	<=30	Pass	
	3735	Edge_1RB_Left	19.36	/	/	16.56	/	/	<=30	Pass	
		Edge_1RB_Right	19.77	/	/	16.97	/	/	<=30	Pass	
		Outer_Full	19.66	/	/	16.86	/	/	<=30	Pass	
		Inner_Full	19.73	/	/	16.93	/	/	<=30	Pass	
		Inner_1RB_Left	19.39	/	/	16.59	/	/	<=30	Pass	
		Inner_1RB_Right	19.79	/	/	16.99	/	/	<=30	Pass	
		3750	Edge_1RB_Left	19.52	/	/	16.72	/	/	<=30	Pass
			Edge_1RB_Right	19.70	/	/	16.90	/	/	<=30	Pass
			Outer_Full	19.71	/	/	16.91	/	/	<=30	Pass
	Inner_Full		19.77	/	/	16.97	/	/	<=30	Pass	
	Inner_1RB_Left		19.58	/	/	16.78	/	/	<=30	Pass	
	3765	Inner_1RB_Right	19.72	/	/	16.92	/	/	<=30	Pass	
		Edge_1RB_Left	19.51	/	/	16.71	/	/	<=30	Pass	
		Edge_1RB_Right	19.87	/	/	17.07	/	/	<=30	Pass	
		Outer_Full	19.76	/	/	16.96	/	/	<=30	Pass	
		Inner_Full	19.70	/	/	16.90	/	/	<=30	Pass	
		Inner_1RB_Left	19.58	/	/	16.78	/	/	<=30	Pass	
		Inner_1RB_Right	19.89	/	/	17.09	/	/	<=30	Pass	

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.17 30k_SISO_80MHz_NTNV_EIRP

1.17.1 Test Result

5G NR n78a SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3740.01	Edge_1RB_Left	22.41	/	/	19.61	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	19.86	/	/	<=30	Pass
		Outer_Full	25.62	/	/	22.82	/	/	<=30	Pass
		Inner_Full	26.27	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	25.86	/	/	23.06	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	23.22	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.47	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.66	/	/	19.86	/	/	<=30	Pass
		Outer_Full	25.69	/	/	22.89	/	/	<=30	Pass
		Inner_Full	26.22	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Left	25.79	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	23.20	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.56	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	22.75	/	/	19.95	/	/	<=30	Pass
		Outer_Full	25.67	/	/	22.87	/	/	<=30	Pass
		Inner_Full	26.21	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	23.15	/	/	<=30	Pass
		Inner_1RB_Right	26.13	/	/	23.33	/	/	<=30	Pass
DFT-s-OFDM QPSK	3740.01	Edge_1RB_Left	22.47	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.91	/	/	<=30	Pass
		Outer_Full	25.17	/	/	22.37	/	/	<=30	Pass
		Inner_Full	26.19	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	25.81	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Right	26.06	/	/	23.26	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.54	/	/	19.74	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	19.87	/	/	<=30	Pass
		Outer_Full	25.24	/	/	22.44	/	/	<=30	Pass
		Inner_Full	26.18	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	25.84	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	26.05	/	/	23.25	/	/	<=30	Pass
	3759.99	Edge_1RB_Left	22.63	/	/	19.83	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	20.00	/	/	<=30	Pass
		Outer_Full	25.25	/	/	22.45	/	/	<=30	Pass
		Inner_Full	26.18	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Right	26.15	/	/	23.35	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3740.01	Edge_1RB_Left	22.38	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	19.77	/	/	<=30	Pass
		Outer_Full	24.21	/	/	21.41	/	/	<=30	Pass
		Inner_Full	25.23	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	22.09	/	/	<=30	Pass



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	3750	Inner_1RB_Right	25.11	/	/	22.31	/	/	<=30	Pass	
		Edge_1RB_Left	22.41	/	/	19.61	/	/	<=30	Pass	
		Edge_1RB_Right	22.56	/	/	19.76	/	/	<=30	Pass	
		Outer_Full	24.19	/	/	21.39	/	/	<=30	Pass	
		Inner_Full	25.23	/	/	22.43	/	/	<=30	Pass	
		Inner_1RB_Left	24.94	/	/	22.14	/	/	<=30	Pass	
	3759.99	Inner_1RB_Right	25.00	/	/	22.20	/	/	<=30	Pass	
		Edge_1RB_Left	22.53	/	/	19.73	/	/	<=30	Pass	
		Edge_1RB_Right	22.79	/	/	19.99	/	/	<=30	Pass	
		Outer_Full	24.20	/	/	21.40	/	/	<=30	Pass	
		Inner_Full	25.20	/	/	22.40	/	/	<=30	Pass	
		Inner_1RB_Left	24.94	/	/	22.14	/	/	<=30	Pass	
	DFT-s-OFDM 64 QAM	3740.01	Inner_1RB_Right	25.23	/	/	22.43	/	/	<=30	Pass
			Edge_1RB_Left	22.48	/	/	19.68	/	/	<=30	Pass
Edge_1RB_Right			22.73	/	/	19.93	/	/	<=30	Pass	
Outer_Full			23.69	/	/	20.89	/	/	<=30	Pass	
Inner_Full			23.79	/	/	20.99	/	/	<=30	Pass	
Inner_1RB_Left			23.44	/	/	20.64	/	/	<=30	Pass	
3750		Inner_1RB_Right	23.72	/	/	20.92	/	/	<=30	Pass	
		Edge_1RB_Left	22.55	/	/	19.75	/	/	<=30	Pass	
		Edge_1RB_Right	22.74	/	/	19.94	/	/	<=30	Pass	
		Outer_Full	23.72	/	/	20.92	/	/	<=30	Pass	
		Inner_Full	23.72	/	/	20.92	/	/	<=30	Pass	
		Inner_1RB_Left	23.54	/	/	20.74	/	/	<=30	Pass	
3759.99		Inner_1RB_Right	23.75	/	/	20.95	/	/	<=30	Pass	
		Edge_1RB_Left	22.65	/	/	19.85	/	/	<=30	Pass	
	Edge_1RB_Right	22.85	/	/	20.05	/	/	<=30	Pass		
	Outer_Full	23.75	/	/	20.95	/	/	<=30	Pass		
	Inner_Full	23.80	/	/	21.00	/	/	<=30	Pass		
	Inner_1RB_Left	23.57	/	/	20.77	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3740.01	Inner_1RB_Right	23.89	/	/	21.09	/	/	<=30	Pass	
		Edge_1RB_Left	21.42	/	/	18.62	/	/	<=30	Pass	
		Edge_1RB_Right	21.67	/	/	18.87	/	/	<=30	Pass	
		Outer_Full	21.67	/	/	18.87	/	/	<=30	Pass	
		Inner_Full	21.82	/	/	19.02	/	/	<=30	Pass	
		Inner_1RB_Left	21.41	/	/	18.61	/	/	<=30	Pass	
	3750	Inner_1RB_Right	21.59	/	/	18.79	/	/	<=30	Pass	
		Edge_1RB_Left	21.50	/	/	18.70	/	/	<=30	Pass	
		Edge_1RB_Right	21.71	/	/	18.91	/	/	<=30	Pass	
		Outer_Full	21.73	/	/	18.93	/	/	<=30	Pass	
		Inner_Full	21.76	/	/	18.96	/	/	<=30	Pass	
		Inner_1RB_Left	21.50	/	/	18.70	/	/	<=30	Pass	
	3759.99	Inner_1RB_Right	21.65	/	/	18.85	/	/	<=30	Pass	
		Edge_1RB_Left	21.52	/	/	18.72	/	/	<=30	Pass	
Edge_1RB_Right		21.75	/	/	18.95	/	/	<=30	Pass		
Outer_Full		21.78	/	/	18.98	/	/	<=30	Pass		
Inner_Full		21.79	/	/	18.99	/	/	<=30	Pass		
Inner_1RB_Left		21.60	/	/	18.80	/	/	<=30	Pass		
		Inner_1RB_Right	21.81	/	/	19.01	/	/	<=30	Pass	



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CP-OFDM QPSK	3740.01	Edge_1RB_Left	22.38	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	19.74	/	/	<=30	Pass
		Outer_Full	23.17	/	/	20.37	/	/	<=30	Pass
		Inner_Full	24.78	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	21.51	/	/	<=30	Pass
	Inner_1RB_Right	24.51	/	/	21.71	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.42	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	19.82	/	/	<=30	Pass
		Outer_Full	23.21	/	/	20.41	/	/	<=30	Pass
		Inner_Full	24.73	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Left	24.34	/	/	21.54	/	/	<=30	Pass
	Inner_1RB_Right	24.56	/	/	21.76	/	/	<=30	Pass	
	3759.99	Edge_1RB_Left	22.53	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.88	/	/	<=30	Pass
		Outer_Full	23.21	/	/	20.41	/	/	<=30	Pass
Inner_Full		24.72	/	/	21.92	/	/	<=30	Pass	
Inner_1RB_Left		24.63	/	/	21.83	/	/	<=30	Pass	
Inner_1RB_Right	24.64	/	/	21.84	/	/	<=30	Pass		
CP-OFDM 16 QAM	3740.01	Edge_1RB_Left	22.41	/	/	19.61	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	19.67	/	/	<=30	Pass
		Outer_Full	23.18	/	/	20.38	/	/	<=30	Pass
		Inner_Full	24.24	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Left	23.91	/	/	21.11	/	/	<=30	Pass
	Inner_1RB_Right	24.06	/	/	21.26	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.48	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	19.79	/	/	<=30	Pass
		Outer_Full	23.22	/	/	20.42	/	/	<=30	Pass
		Inner_Full	24.22	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	21.14	/	/	<=30	Pass
	Inner_1RB_Right	23.94	/	/	21.14	/	/	<=30	Pass	
	3759.99	Edge_1RB_Left	22.55	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.81	/	/	20.01	/	/	<=30	Pass
		Outer_Full	23.22	/	/	20.42	/	/	<=30	Pass
Inner_Full		24.27	/	/	21.47	/	/	<=30	Pass	
Inner_1RB_Left		24.03	/	/	21.23	/	/	<=30	Pass	
Inner_1RB_Right	24.16	/	/	21.36	/	/	<=30	Pass		
CP-OFDM 64 QAM	3740.01	Edge_1RB_Left	22.59	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	19.99	/	/	<=30	Pass
		Outer_Full	22.69	/	/	19.89	/	/	<=30	Pass
		Inner_Full	22.78	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	19.72	/	/	<=30	Pass
	Inner_1RB_Right	22.67	/	/	19.87	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.61	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.96	/	/	<=30	Pass
		Outer_Full	22.72	/	/	19.92	/	/	<=30	Pass
		Inner_Full	22.76	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	19.75	/	/	<=30	Pass
	Inner_1RB_Right	22.76	/	/	19.96	/	/	<=30	Pass	
	3759.99	Edge_1RB_Left	22.74	/	/	19.94	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	22.93	/	/	20.13	/	/	<=30	Pass
		Outer_Full	22.73	/	/	19.93	/	/	<=30	Pass
		Inner_Full	22.76	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Left	22.71	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Right	22.86	/	/	20.06	/	/	<=30	Pass
	3740.01	Edge_1RB_Left	19.48	/	/	16.68	/	/	<=30	Pass
		Edge_1RB_Right	19.67	/	/	16.87	/	/	<=30	Pass
		Outer_Full	19.76	/	/	16.96	/	/	<=30	Pass
		Inner_Full	19.85	/	/	17.05	/	/	<=30	Pass
		Inner_1RB_Left	19.48	/	/	16.68	/	/	<=30	Pass
	3750	Inner_1RB_Right	19.73	/	/	16.93	/	/	<=30	Pass
		Edge_1RB_Left	19.53	/	/	16.73	/	/	<=30	Pass
		Edge_1RB_Right	19.71	/	/	16.91	/	/	<=30	Pass
		Outer_Full	19.73	/	/	16.93	/	/	<=30	Pass
		Inner_Full	19.81	/	/	17.01	/	/	<=30	Pass
	3759.99	Inner_1RB_Left	19.58	/	/	16.78	/	/	<=30	Pass
		Inner_1RB_Right	19.74	/	/	16.94	/	/	<=30	Pass
		Edge_1RB_Left	19.64	/	/	16.84	/	/	<=30	Pass
		Edge_1RB_Right	19.79	/	/	16.99	/	/	<=30	Pass
		Outer_Full	19.74	/	/	16.94	/	/	<=30	Pass
		Inner_Full	19.82	/	/	17.02	/	/	<=30	Pass
		Inner_1RB_Left	19.62	/	/	16.82	/	/	<=30	Pass
		Inner_1RB_Right	19.88	/	/	17.08	/	/	<=30	Pass

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.18 30k_SISO_90MHz_NTNV_EIRP

1.18.1 Test Result

5G NR n78a SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3745.02	Edge_1RB_Left	22.32	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	19.98	/	/	<=30	Pass
		Outer_Full	25.64	/	/	22.84	/	/	<=30	Pass
		Inner_Full	26.06	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Left	25.66	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Right	26.16	/	/	23.36	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.44	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	19.87	/	/	<=30	Pass
		Outer_Full	25.75	/	/	22.95	/	/	<=30	Pass
		Inner_Full	26.22	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Left	25.81	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Right	26.06	/	/	23.26	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.53	/	/	19.73	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	19.78	/	/	<=30	Pass
		Outer_Full	25.73	/	/	22.93	/	/	<=30	Pass
		Inner_Full	26.29	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Left	25.83	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Right	25.94	/	/	23.14	/	/	<=30	Pass
DFT-s-OFDM QPSK	3745.02	Edge_1RB_Left	22.37	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	20.00	/	/	<=30	Pass
		Outer_Full	25.18	/	/	22.38	/	/	<=30	Pass
		Inner_Full	26.12	/	/	23.32	/	/	<=30	Pass
		Inner_1RB_Left	25.71	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Right	26.21	/	/	23.41	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.47	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	19.92	/	/	<=30	Pass
		Outer_Full	25.25	/	/	22.45	/	/	<=30	Pass
		Inner_Full	26.22	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Left	25.82	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	23.28	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.61	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.91	/	/	<=30	Pass
		Outer_Full	25.26	/	/	22.46	/	/	<=30	Pass
		Inner_Full	26.31	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	25.93	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	26.01	/	/	23.21	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3745.02	Edge_1RB_Left	22.19	/	/	19.39	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	19.97	/	/	<=30	Pass
		Outer_Full	24.14	/	/	21.34	/	/	<=30	Pass
		Inner_Full	25.18	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	21.94	/	/	<=30	Pass



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	3750	Inner_1RB_Right	25.26	/	/	22.46	/	/	<=30	Pass	
		Edge_1RB_Left	22.37	/	/	19.57	/	/	<=30	Pass	
		Edge_1RB_Right	22.58	/	/	19.78	/	/	<=30	Pass	
		Outer_Full	24.22	/	/	21.42	/	/	<=30	Pass	
		Inner_Full	25.21	/	/	22.41	/	/	<=30	Pass	
		Inner_1RB_Left	24.76	/	/	21.96	/	/	<=30	Pass	
	3754.98	Inner_1RB_Right	24.99	/	/	22.19	/	/	<=30	Pass	
		Edge_1RB_Left	22.38	/	/	19.58	/	/	<=30	Pass	
		Edge_1RB_Right	22.54	/	/	19.74	/	/	<=30	Pass	
		Outer_Full	24.25	/	/	21.45	/	/	<=30	Pass	
		Inner_Full	25.31	/	/	22.51	/	/	<=30	Pass	
		Inner_1RB_Left	24.97	/	/	22.17	/	/	<=30	Pass	
	DFT-s-OFDM 64 QAM	3745.02	Inner_1RB_Right	24.97	/	/	22.17	/	/	<=30	Pass
			Edge_1RB_Left	22.32	/	/	19.52	/	/	<=30	Pass
Edge_1RB_Right			22.79	/	/	19.99	/	/	<=30	Pass	
Outer_Full			23.65	/	/	20.85	/	/	<=30	Pass	
Inner_Full			23.71	/	/	20.91	/	/	<=30	Pass	
Inner_1RB_Left			23.43	/	/	20.63	/	/	<=30	Pass	
3750		Inner_1RB_Right	23.77	/	/	20.97	/	/	<=30	Pass	
		Edge_1RB_Left	22.43	/	/	19.63	/	/	<=30	Pass	
		Edge_1RB_Right	22.77	/	/	19.97	/	/	<=30	Pass	
		Outer_Full	23.72	/	/	20.92	/	/	<=30	Pass	
		Inner_Full	23.74	/	/	20.94	/	/	<=30	Pass	
		Inner_1RB_Left	23.48	/	/	20.68	/	/	<=30	Pass	
3754.98		Inner_1RB_Right	23.74	/	/	20.94	/	/	<=30	Pass	
		Edge_1RB_Left	22.61	/	/	19.81	/	/	<=30	Pass	
	Edge_1RB_Right	22.66	/	/	19.86	/	/	<=30	Pass		
	Outer_Full	23.76	/	/	20.96	/	/	<=30	Pass		
	Inner_Full	23.81	/	/	21.01	/	/	<=30	Pass		
	Inner_1RB_Left	23.67	/	/	20.87	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3745.02	Inner_1RB_Right	23.68	/	/	20.88	/	/	<=30	Pass	
		Edge_1RB_Left	21.39	/	/	18.59	/	/	<=30	Pass	
		Edge_1RB_Right	21.81	/	/	19.01	/	/	<=30	Pass	
		Outer_Full	21.70	/	/	18.90	/	/	<=30	Pass	
		Inner_Full	21.71	/	/	18.91	/	/	<=30	Pass	
		Inner_1RB_Left	21.38	/	/	18.58	/	/	<=30	Pass	
	3750	Inner_1RB_Right	21.82	/	/	19.02	/	/	<=30	Pass	
		Edge_1RB_Left	21.42	/	/	18.62	/	/	<=30	Pass	
		Edge_1RB_Right	21.67	/	/	18.87	/	/	<=30	Pass	
		Outer_Full	21.77	/	/	18.97	/	/	<=30	Pass	
		Inner_Full	21.79	/	/	18.99	/	/	<=30	Pass	
		Inner_1RB_Left	21.41	/	/	18.61	/	/	<=30	Pass	
	3754.98	Inner_1RB_Right	21.69	/	/	18.89	/	/	<=30	Pass	
		Edge_1RB_Left	21.57	/	/	18.77	/	/	<=30	Pass	
Edge_1RB_Right		21.64	/	/	18.84	/	/	<=30	Pass		
Outer_Full		21.78	/	/	18.98	/	/	<=30	Pass		
Inner_Full		21.84	/	/	19.04	/	/	<=30	Pass		
Inner_1RB_Left		21.59	/	/	18.79	/	/	<=30	Pass		
		Inner_1RB_Right	21.61	/	/	18.81	/	/	<=30	Pass	



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CP-OFDM QPSK	3745.02	Edge_1RB_Left	22.25	/	/	19.45	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	19.99	/	/	<=30	Pass
		Outer_Full	23.14	/	/	20.34	/	/	<=30	Pass
		Inner_Full	24.69	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Right	24.65	/	/	21.85	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.33	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	19.81	/	/	<=30	Pass
		Outer_Full	23.23	/	/	20.43	/	/	<=30	Pass
		Inner_Full	24.70	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Left	24.30	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	21.79	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.50	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	19.78	/	/	<=30	Pass
		Outer_Full	23.23	/	/	20.43	/	/	<=30	Pass
		Inner_Full	24.79	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Left	24.62	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Right	24.39	/	/	21.59	/	/	<=30	Pass
CP-OFDM 16 QAM	3745.02	Edge_1RB_Left	22.23	/	/	19.43	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	20.03	/	/	<=30	Pass
		Outer_Full	23.11	/	/	20.31	/	/	<=30	Pass
		Inner_Full	24.18	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Right	24.22	/	/	21.42	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.36	/	/	19.56	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.91	/	/	<=30	Pass
		Outer_Full	23.21	/	/	20.41	/	/	<=30	Pass
		Inner_Full	24.24	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Right	24.16	/	/	21.36	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.50	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	19.74	/	/	<=30	Pass
		Outer_Full	23.24	/	/	20.44	/	/	<=30	Pass
		Inner_Full	24.31	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Left	23.99	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Right	23.99	/	/	21.19	/	/	<=30	Pass
CP-OFDM 64 QAM	3745.02	Edge_1RB_Left	22.39	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	20.19	/	/	<=30	Pass
		Outer_Full	22.65	/	/	19.85	/	/	<=30	Pass
		Inner_Full	22.70	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Left	22.37	/	/	19.57	/	/	<=30	Pass
		Inner_1RB_Right	22.92	/	/	20.12	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.59	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.94	/	/	<=30	Pass
		Outer_Full	22.71	/	/	19.91	/	/	<=30	Pass
		Inner_Full	22.76	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	19.72	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	19.91	/	/	<=30	Pass
	3754.98	Edge_1RB_Left	22.68	/	/	19.88	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	22.72	/	/	19.92	/	/	<=30	Pass
		Outer_Full	22.77	/	/	19.97	/	/	<=30	Pass
		Inner_Full	22.81	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	19.79	/	/	<=30	Pass
	3745.02	Edge_1RB_Left	19.39	/	/	16.59	/	/	<=30	Pass
		Edge_1RB_Right	19.87	/	/	17.07	/	/	<=30	Pass
		Outer_Full	19.69	/	/	16.89	/	/	<=30	Pass
		Inner_Full	19.74	/	/	16.94	/	/	<=30	Pass
		Inner_1RB_Left	19.42	/	/	16.62	/	/	<=30	Pass
	3750	Inner_1RB_Right	19.88	/	/	17.08	/	/	<=30	Pass
		Edge_1RB_Left	19.45	/	/	16.65	/	/	<=30	Pass
		Edge_1RB_Right	19.73	/	/	16.93	/	/	<=30	Pass
		Outer_Full	19.73	/	/	16.93	/	/	<=30	Pass
		Inner_Full	19.78	/	/	16.98	/	/	<=30	Pass
	3754.98	Inner_1RB_Left	19.47	/	/	16.67	/	/	<=30	Pass
		Inner_1RB_Right	19.75	/	/	16.95	/	/	<=30	Pass
		Edge_1RB_Left	19.57	/	/	16.77	/	/	<=30	Pass
		Edge_1RB_Right	19.66	/	/	16.86	/	/	<=30	Pass
		Outer_Full	19.79	/	/	16.99	/	/	<=30	Pass
	Inner_Full	19.83	/	/	17.03	/	/	<=30	Pass	
	Inner_1RB_Left	19.65	/	/	16.85	/	/	<=30	Pass	
	Inner_1RB_Right	19.66	/	/	16.86	/	/	<=30	Pass	

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.19 30k_SISO_100MHz_NTNV_EIRP

1.19.1 Test Result

5G NR n78a SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3750	Edge_1RB_Left	22.35	/	/	19.55	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	19.91	/	/	<=30	Pass
		Outer_Full	25.57	/	/	22.77	/	/	<=30	Pass
		Inner_Full	26.20	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	25.77	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	23.28	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.35	/	/	19.55	/	/	<=30	Pass
		Edge_1RB_Right	22.68	/	/	19.88	/	/	<=30	Pass
		Outer_Full	25.68	/	/	22.88	/	/	<=30	Pass
		Inner_Full	26.13	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	25.73	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Right	25.97	/	/	23.17	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.36	/	/	19.56	/	/	<=30	Pass
		Edge_1RB_Right	22.64	/	/	19.84	/	/	<=30	Pass
		Outer_Full	25.53	/	/	22.73	/	/	<=30	Pass
		Inner_Full	26.09	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Left	25.71	/	/	22.91	/	/	<=30	Pass
		Inner_1RB_Right	26.05	/	/	23.25	/	/	<=30	Pass
DFT-s-OFDM QPSK	3750	Edge_1RB_Left	22.45	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.96	/	/	<=30	Pass
		Outer_Full	25.20	/	/	22.40	/	/	<=30	Pass
		Inner_Full	26.19	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	25.82	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Right	26.16	/	/	23.36	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.41	/	/	19.61	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	19.97	/	/	<=30	Pass
		Outer_Full	25.14	/	/	22.34	/	/	<=30	Pass
		Inner_Full	26.15	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Left	25.79	/	/	22.99	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	23.27	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.38	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	19.92	/	/	<=30	Pass
		Outer_Full	25.15	/	/	22.35	/	/	<=30	Pass
		Inner_Full	26.08	/	/	23.28	/	/	<=30	Pass
		Inner_1RB_Left	25.72	/	/	22.92	/	/	<=30	Pass
		Inner_1RB_Right	26.04	/	/	23.24	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3750	Edge_1RB_Left	22.24	/	/	19.44	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	19.89	/	/	<=30	Pass
		Outer_Full	24.15	/	/	21.35	/	/	<=30	Pass
		Inner_Full	25.24	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	24.76	/	/	21.96	/	/	<=30	Pass



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	3750	Inner_1RB_Right	25.18	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Left	22.18	/	/	19.38	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	19.82	/	/	<=30	Pass
		Outer_Full	24.18	/	/	21.38	/	/	<=30	Pass
		Inner_Full	25.22	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Left	24.75	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Right	25.15	/	/	22.35	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.23	/	/	19.43	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	19.73	/	/	<=30	Pass
		Outer_Full	24.11	/	/	21.31	/	/	<=30	Pass
		Inner_Full	25.16	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	25.10	/	/	22.30	/	/	<=30	Pass
		DFT-s-OFDM 64 QAM	3750	Edge_1RB_Left	22.41	/	/	19.61	/	/
Edge_1RB_Right	22.75			/	/	19.95	/	/	<=30	Pass
Outer_Full	23.64			/	/	20.84	/	/	<=30	Pass
Inner_Full	23.74			/	/	20.94	/	/	<=30	Pass
Inner_1RB_Left	23.44			/	/	20.64	/	/	<=30	Pass
Inner_1RB_Right	23.76			/	/	20.96	/	/	<=30	Pass
3750	Edge_1RB_Left			22.45	/	/	19.65	/	/	<=30
	Edge_1RB_Right		22.81	/	/	20.01	/	/	<=30	Pass
	Outer_Full		23.68	/	/	20.88	/	/	<=30	Pass
	Inner_Full		23.76	/	/	20.96	/	/	<=30	Pass
	Inner_1RB_Left		23.39	/	/	20.59	/	/	<=30	Pass
	Inner_1RB_Right		23.80	/	/	21.00	/	/	<=30	Pass
	3750		Edge_1RB_Left	22.35	/	/	19.55	/	/	<=30
Edge_1RB_Right			22.68	/	/	19.88	/	/	<=30	Pass
Outer_Full		23.63	/	/	20.83	/	/	<=30	Pass	
Inner_Full		23.68	/	/	20.88	/	/	<=30	Pass	
Inner_1RB_Left		23.38	/	/	20.58	/	/	<=30	Pass	
Inner_1RB_Right		23.61	/	/	20.81	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM		3750	Edge_1RB_Left	21.35	/	/	18.55	/	/	<=30
	Edge_1RB_Right		21.64	/	/	18.84	/	/	<=30	Pass
	Outer_Full		21.66	/	/	18.86	/	/	<=30	Pass
	Inner_Full		21.76	/	/	18.96	/	/	<=30	Pass
	Inner_1RB_Left		21.37	/	/	18.57	/	/	<=30	Pass
	Inner_1RB_Right		21.71	/	/	18.91	/	/	<=30	Pass
	3750		Edge_1RB_Left	21.42	/	/	18.62	/	/	<=30
		Edge_1RB_Right	21.75	/	/	18.95	/	/	<=30	Pass
		Outer_Full	21.68	/	/	18.88	/	/	<=30	Pass
		Inner_Full	21.76	/	/	18.96	/	/	<=30	Pass
		Inner_1RB_Left	21.43	/	/	18.63	/	/	<=30	Pass
		Inner_1RB_Right	21.69	/	/	18.89	/	/	<=30	Pass
		3750	Edge_1RB_Left	21.31	/	/	18.51	/	/	<=30
	Edge_1RB_Right		21.64	/	/	18.84	/	/	<=30	Pass
Outer_Full	21.65		/	/	18.85	/	/	<=30	Pass	
Inner_Full	21.74		/	/	18.94	/	/	<=30	Pass	
Inner_1RB_Left	21.28		/	/	18.48	/	/	<=30	Pass	
Inner_1RB_Right	21.65		/	/	18.85	/	/	<=30	Pass	



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CP-OFDM QPSK	3750	Edge_1RB_Left	22.30	/	/	19.50	/	/	<=30	Pass
		Edge_1RB_Right	22.62	/	/	19.82	/	/	<=30	Pass
		Outer_Full	23.21	/	/	20.41	/	/	<=30	Pass
		Inner_Full	24.69	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Left	24.26	/	/	21.46	/	/	<=30	Pass
	Inner_1RB_Right	24.63	/	/	21.83	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.30	/	/	19.50	/	/	<=30	Pass
		Edge_1RB_Right	22.69	/	/	19.89	/	/	<=30	Pass
		Outer_Full	23.23	/	/	20.43	/	/	<=30	Pass
		Inner_Full	24.69	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Left	24.42	/	/	21.62	/	/	<=30	Pass
	Inner_1RB_Right	24.63	/	/	21.83	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.25	/	/	19.45	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	19.80	/	/	<=30	Pass
		Outer_Full	23.16	/	/	20.36	/	/	<=30	Pass
Inner_Full		24.67	/	/	21.87	/	/	<=30	Pass	
Inner_1RB_Left		24.20	/	/	21.40	/	/	<=30	Pass	
Inner_1RB_Right	24.57	/	/	21.77	/	/	<=30	Pass		
CP-OFDM 16 QAM	3750	Edge_1RB_Left	22.30	/	/	19.50	/	/	<=30	Pass
		Edge_1RB_Right	22.74	/	/	19.94	/	/	<=30	Pass
		Outer_Full	23.19	/	/	20.39	/	/	<=30	Pass
		Inner_Full	24.22	/	/	21.42	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	21.04	/	/	<=30	Pass
	Inner_1RB_Right	24.10	/	/	21.30	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.34	/	/	19.54	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	19.77	/	/	<=30	Pass
		Outer_Full	23.22	/	/	20.42	/	/	<=30	Pass
		Inner_Full	24.17	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	23.78	/	/	20.98	/	/	<=30	Pass
	Inner_1RB_Right	24.08	/	/	21.28	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.19	/	/	19.39	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	19.78	/	/	<=30	Pass
		Outer_Full	23.15	/	/	20.35	/	/	<=30	Pass
Inner_Full		24.14	/	/	21.34	/	/	<=30	Pass	
Inner_1RB_Left		23.83	/	/	21.03	/	/	<=30	Pass	
Inner_1RB_Right	24.13	/	/	21.33	/	/	<=30	Pass		
CP-OFDM 64 QAM	3750	Edge_1RB_Left	22.55	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	20.08	/	/	<=30	Pass
		Outer_Full	22.68	/	/	19.88	/	/	<=30	Pass
		Inner_Full	22.74	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Left	22.45	/	/	19.65	/	/	<=30	Pass
	Inner_1RB_Right	22.70	/	/	19.90	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.45	/	/	19.65	/	/	<=30	Pass
		Edge_1RB_Right	22.73	/	/	19.93	/	/	<=30	Pass
		Outer_Full	22.71	/	/	19.91	/	/	<=30	Pass
		Inner_Full	22.73	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Left	22.43	/	/	19.63	/	/	<=30	Pass
	Inner_1RB_Right	22.79	/	/	19.99	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.46	/	/	19.66	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	22.76	/	/	19.96	/	/	<=30	Pass	
		Outer_Full	22.64	/	/	19.84	/	/	<=30	Pass	
		Inner_Full	22.69	/	/	19.89	/	/	<=30	Pass	
		Inner_1RB_Left	22.39	/	/	19.59	/	/	<=30	Pass	
		Inner_1RB_Right	22.77	/	/	19.97	/	/	<=30	Pass	
	3750	Edge_1RB_Left	19.42	/	/	16.62	/	/	<=30	Pass	
		Edge_1RB_Right	19.82	/	/	17.02	/	/	<=30	Pass	
		Outer_Full	19.69	/	/	16.89	/	/	<=30	Pass	
		Inner_Full	19.78	/	/	16.98	/	/	<=30	Pass	
		Inner_1RB_Left	19.49	/	/	16.69	/	/	<=30	Pass	
		Inner_1RB_Right	19.79	/	/	16.99	/	/	<=30	Pass	
		3750	Edge_1RB_Left	19.40	/	/	16.60	/	/	<=30	Pass
			Edge_1RB_Right	19.75	/	/	16.95	/	/	<=30	Pass
			Outer_Full	19.74	/	/	16.94	/	/	<=30	Pass
			Inner_Full	19.78	/	/	16.98	/	/	<=30	Pass
	Inner_1RB_Left		19.43	/	/	16.63	/	/	<=30	Pass	
	3750	Inner_1RB_Right	19.75	/	/	16.95	/	/	<=30	Pass	
		Edge_1RB_Left	19.34	/	/	16.54	/	/	<=30	Pass	
		Edge_1RB_Right	19.76	/	/	16.96	/	/	<=30	Pass	
		Outer_Full	19.62	/	/	16.82	/	/	<=30	Pass	
Inner_Full		19.71	/	/	16.91	/	/	<=30	Pass		
3750	Inner_1RB_Left	19.42	/	/	16.62	/	/	<=30	Pass		
	Inner_1RB_Right	19.77	/	/	16.97	/	/	<=30	Pass		

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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Member of the SGS Group (SGS SA)

2. Field Strength of Spurious Radiation

Test Band = SA Band 78 3700-3800_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9414.7708	44.30	-42.79	37.97	-55.77	-13.00	42.77	Horizontal
2	13596.9375	40.13	-38.30	39.97	-53.46	-13.00	40.46	Horizontal
3	17899.375	38.56	-37.26	44.66	-49.31	-13.00	36.31	Horizontal
4	7410.18	45.19	-45.62	36.59	-59.10	-13.00	46.10	Horizontal
5	11115.27	40.02	-40.09	39.38	-55.95	-13.00	42.95	Horizontal
6	14820.36	38.39	-37.72	40.24	-54.34	-13.00	41.34	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9396.5625	44.35	-42.81	37.96	-55.77	-13.00	42.77	Vertical
2	13532.25	40.69	-38.74	39.82	-53.49	-13.00	40.49	Vertical
3	17630.5625	38.51	-37.07	42.94	-50.88	-13.00	37.88	Vertical
4	7410.18	44.66	-45.62	36.59	-59.63	-13.00	46.63	Vertical
5	11115.27	39.79	-40.09	39.38	-56.18	-13.00	43.18	Vertical
6	14820.36	38.24	-37.72	40.24	-54.49	-13.00	41.49	Vertical



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Test Band = NSA 2A_N78A 3700-3800_TM1
 Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8804.3125	45.67	-43.85	37.33	-56.11	-13.00	43.11	Horizontal
2	13466.6042	40.34	-38.99	39.67	-54.23	-13.00	41.23	Horizontal
3	17904.1667	38.50	-37.25	44.69	-49.32	-13.00	36.32	Horizontal
4	7410.18	44.55	-45.62	36.59	-59.74	-13.00	46.74	Horizontal
5	11115.27	39.76	-40.09	39.38	-56.21	-13.00	43.21	Horizontal
6	14820.36	37.97	-37.72	40.24	-54.76	-13.00	41.76	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9386.5	44.33	-42.83	37.95	-55.81	-13.00	42.81	Vertical
2	13597.4167	40.12	-38.30	39.97	-53.46	-13.00	40.46	Vertical
3	17954.4792	38.74	-37.11	45.01	-48.62	-13.00	35.62	Vertical
4	7410.18	45.16	-45.62	36.59	-59.13	-13.00	46.13	Vertical
5	11115.27	40.06	-40.09	39.38	-55.91	-13.00	42.91	Vertical
6	14820.36	37.93	-37.72	40.24	-54.80	-13.00	41.80	Vertical



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Test Band = NSA 4A_N78A 3700-3800_TM1

Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7699.8333	46.63	-45.14	36.56	-57.21	-13.00	44.21	Horizontal
2	8776.5208	45.34	-43.82	37.29	-56.45	-13.00	43.45	Horizontal
3	10286.8542	42.35	-41.21	38.76	-55.36	-13.00	42.36	Horizontal
4	12041.0833	40.84	-38.91	39.18	-54.15	-13.00	41.15	Horizontal
5	14355.4583	40.08	-38.74	40.62	-53.31	-13.00	40.31	Horizontal
6	17965.0208	38.32	-37.08	45.08	-48.94	-13.00	35.94	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7747.2708	46.26	-45.03	36.50	-57.52	-13.00	44.52	Vertical
2	9329.4792	44.86	-42.90	37.90	-55.41	-13.00	42.41	Vertical
3	11383.1875	41.52	-39.83	39.32	-54.25	-13.00	41.25	Vertical
4	13728.2292	39.77	-38.11	40.27	-53.33	-13.00	40.33	Vertical
5	15411.5417	38.85	-37.87	39.32	-54.97	-13.00	41.97	Vertical
6	17969.8125	38.45	-37.06	45.11	-48.77	-13.00	35.77	Vertical



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Test Band = NSA 5A_N78A 3700-3800_TM1

Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7573.3333	45.53	-45.21	36.71	-58.23	-13.00	45.23	Horizontal
2	8777.4792	45.72	-43.82	37.29	-56.07	-13.00	43.07	Horizontal
3	10058.2917	42.75	-41.68	38.55	-55.63	-13.00	42.63	Horizontal
4	12490.0625	40.96	-38.76	38.91	-54.15	-13.00	41.15	Horizontal
5	14242.375	40.11	-38.42	40.71	-52.86	-13.00	39.86	Horizontal
6	17510.2917	37.63	-36.18	42.17	-51.65	-13.00	38.65	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7671.0833	46.16	-45.06	36.59	-57.57	-13.00	44.57	Vertical
2	9398.9583	44.59	-42.81	37.96	-55.52	-13.00	42.52	Vertical
3	10766.5	42.00	-40.57	39.19	-54.64	-13.00	41.64	Vertical
4	12001.7917	40.68	-38.58	39.20	-53.96	-13.00	40.96	Vertical
5	14311.375	39.94	-38.77	40.65	-53.44	-13.00	40.44	Vertical
6	17968.375	38.28	-37.07	45.10	-48.95	-13.00	35.95	Vertical



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Test Band = NSA 7A_N78A 3700-3800_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7815.7917	45.63	-44.91	36.42	-58.12	-13.00	45.12	Horizontal
2	8985.9167	43.98	-43.62	37.58	-57.32	-13.00	44.32	Horizontal
3	11971.125	40.71	-38.95	39.21	-54.29	-13.00	41.29	Horizontal
4	14372.2292	39.62	-38.73	40.60	-53.77	-13.00	40.77	Horizontal
5	16993.2708	38.84	-36.85	38.90	-54.38	-13.00	41.38	Horizontal
6	17963.5833	37.80	-37.08	45.07	-49.48	-13.00	36.48	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7191.9167	46.40	-45.50	36.06	-58.30	-13.00	45.30	Vertical
2	8825.875	45.54	-43.78	37.36	-56.14	-13.00	43.14	Vertical
3	9462.6875	44.54	-42.71	38.02	-55.41	-13.00	42.41	Vertical
4	12077.5	41.49	-39.21	39.15	-53.83	-13.00	40.83	Vertical
5	13725.8333	40.00	-38.10	40.27	-53.09	-13.00	40.09	Vertical
6	17374.6875	37.13	-37.18	41.30	-54.02	-13.00	41.02	Vertical



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Test Band = NSA 26A_N78A 3700-3800_ TM1
 Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7194.7917	46.11	-45.48	36.07	-58.57	-13.00	45.57	Horizontal
2	9447.3542	44.44	-42.73	38.00	-55.55	-13.00	42.55	Horizontal
3	11388.4583	41.21	-39.80	39.32	-54.52	-13.00	41.52	Horizontal
4	13586.3958	39.83	-38.37	39.95	-53.85	-13.00	40.85	Horizontal
5	14964.9583	39.16	-38.07	40.13	-54.04	-13.00	41.04	Horizontal
6	17962.625	37.62	-37.08	45.06	-49.66	-13.00	36.66	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7330.3958	46.40	-45.87	36.39	-58.34	-13.00	45.34	Vertical
2	9449.2708	44.50	-42.73	38.00	-55.49	-13.00	42.49	Vertical
3	10876.7083	41.58	-40.24	39.29	-54.63	-13.00	41.63	Vertical
4	12020.9583	40.48	-38.74	39.19	-54.33	-13.00	41.33	Vertical
5	14315.2083	39.68	-38.77	40.65	-53.70	-13.00	40.70	Vertical
6	17963.1042	37.42	-37.08	45.06	-49.86	-13.00	36.86	Vertical



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Test Band = NSA 38A_N78A 3700-3800_TM1
 Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7821.0625	46.80	-44.91	36.41	-56.96	-13.00	43.96	Horizontal
2	9270.0625	44.23	-42.95	37.84	-56.14	-13.00	43.14	Horizontal
3	10685.5208	41.60	-40.87	39.12	-55.41	-13.00	42.41	Horizontal
4	12400.9375	40.35	-38.31	38.96	-54.27	-13.00	41.27	Horizontal
5	14173.375	39.45	-38.31	40.76	-53.36	-13.00	40.36	Horizontal
6	17958.3125	38.78	-37.10	45.03	-48.54	-13.00	35.54	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7686.4167	46.02	-45.10	36.58	-57.77	-13.00	44.77	Vertical
2	9378.8333	44.35	-42.84	37.94	-55.81	-13.00	42.81	Vertical
3	11376.4792	41.14	-39.88	39.32	-54.68	-13.00	41.68	Vertical
4	13583.5208	40.31	-38.39	39.94	-53.40	-13.00	40.40	Vertical
5	15010	38.77	-37.93	40.08	-54.34	-13.00	41.34	Vertical
6	17968.375	38.28	-37.07	45.10	-48.95	-13.00	35.95	Vertical



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Test Band = NSA 41A_N78A 3700-3800_ TM1
 Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7824.4167	46.17	-44.92	36.41	-57.60	-13.00	44.60	Horizontal
2	9385.5417	44.42	-42.83	37.95	-55.72	-13.00	42.72	Horizontal
3	11112.9375	41.19	-40.09	39.38	-54.78	-13.00	41.78	Horizontal
4	11974.4792	41.16	-38.90	39.21	-53.80	-13.00	40.80	Horizontal
5	13538.9583	40.79	-38.70	39.84	-53.33	-13.00	40.33	Horizontal
6	17095.3333	38.57	-37.58	39.51	-54.76	-13.00	41.76	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7843.1042	46.33	-44.93	36.39	-57.47	-13.00	44.47	Vertical
2	8750.6458	45.33	-43.78	37.25	-56.46	-13.00	43.46	Vertical
3	10743.0208	41.95	-40.66	39.17	-54.80	-13.00	41.80	Vertical
4	12459.875	40.91	-38.61	38.92	-54.04	-13.00	41.04	Vertical
5	14947.7083	39.46	-38.16	40.14	-53.81	-13.00	40.81	Vertical
6	17964.0625	39.28	-37.08	45.07	-47.99	-13.00	34.99	Vertical



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Test Band = NSA 66A_N78A 3700-3800_ TM1
 Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8294	48.57	-44.54	36.61	-54.62	-13.00	41.62	Horizontal
2	9415.7292	44.60	-42.78	37.97	-55.47	-13.00	42.47	Horizontal
3	10865.2083	40.80	-40.27	39.28	-55.45	-13.00	42.45	Horizontal
4	11987.8958	40.99	-38.72	39.20	-53.79	-13.00	40.79	Horizontal
5	13710.5	39.57	-38.01	40.23	-53.47	-13.00	40.47	Horizontal
6	17952.0833	37.83	-37.11	44.99	-49.55	-13.00	36.55	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7336.1458	46.19	-45.85	36.41	-58.51	-13.00	45.51	Vertical
2	8750.1667	45.58	-43.78	37.25	-56.21	-13.00	43.21	Vertical
3	10816.3333	40.79	-40.40	39.23	-55.64	-13.00	42.64	Vertical
4	12004.6667	40.68	-38.60	39.20	-53.98	-13.00	40.98	Vertical
5	13733.9792	39.99	-38.14	40.29	-53.13	-13.00	40.13	Vertical
6	17964.0625	38.00	-37.08	45.07	-49.27	-13.00	36.27	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---



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