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Appendix B.24

NR Band n77(3700-3980)



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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 n77a 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	22.42	/	/	19.62	/	/	<=30	Pass
		Edge_1RB_Right	21.09	/	/	18.29	/	/	<=30	Pass
		Outer_Full	25.69	/	/	22.89	/	/	<=30	Pass
		Inner_Full	24.61	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	23.42	/	/	<=30	Pass
	Inner_1RB_Right	26.36	/	/	23.56	/	/	<=30	Pass	
	3840	Edge_1RB_Left	21.26	/	/	18.46	/	/	<=30	Pass
		Edge_1RB_Right	23.15	/	/	20.35	/	/	<=30	Pass
		Outer_Full	26.11	/	/	23.31	/	/	<=30	Pass
		Inner_Full	26.71	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Left	26.83	/	/	24.03	/	/	<=30	Pass
	Inner_1RB_Right	26.71	/	/	23.91	/	/	<=30	Pass	
	3975	Edge_1RB_Left	22.98	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	23.12	/	/	20.32	/	/	<=30	Pass
		Outer_Full	25.80	/	/	23.00	/	/	<=30	Pass
Inner_Full		26.26	/	/	23.46	/	/	<=30	Pass	
Inner_1RB_Left		26.24	/	/	23.44	/	/	<=30	Pass	
Inner_1RB_Right	26.25	/	/	23.45	/	/	<=30	Pass		
DFT-s-OFDM QPSK	3705	Edge_1RB_Left	20.82	/	/	18.02	/	/	<=30	Pass
		Edge_1RB_Right	22.77	/	/	19.97	/	/	<=30	Pass
		Outer_Full	25.18	/	/	22.38	/	/	<=30	Pass
		Inner_Full	26.30	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Left	26.23	/	/	23.43	/	/	<=30	Pass
	Inner_1RB_Right	26.34	/	/	23.54	/	/	<=30	Pass	
	3840	Edge_1RB_Left	22.89	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	23.09	/	/	20.29	/	/	<=30	Pass
		Outer_Full	25.65	/	/	22.85	/	/	<=30	Pass
		Inner_Full	26.59	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Left	26.53	/	/	23.73	/	/	<=30	Pass
	Inner_1RB_Right	26.61	/	/	23.81	/	/	<=30	Pass	
	3975	Edge_1RB_Left	23.05	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	23.11	/	/	20.31	/	/	<=30	Pass
		Outer_Full	25.54	/	/	22.74	/	/	<=30	Pass
Inner_Full		26.23	/	/	23.43	/	/	<=30	Pass	
Inner_1RB_Left		26.19	/	/	23.39	/	/	<=30	Pass	
Inner_1RB_Right	26.25	/	/	23.45	/	/	<=30	Pass		
DFT-s-OFDM 16 QAM	3705	Edge_1RB_Left	21.15	/	/	18.35	/	/	<=30	Pass
		Edge_1RB_Right	22.76	/	/	19.96	/	/	<=30	Pass
		Outer_Full	24.29	/	/	21.49	/	/	<=30	Pass



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	3840	Inner_Full	25.42	/	/	22.62	/	/	<=30	Pass	
		Inner_1RB_Left	25.37	/	/	22.57	/	/	<=30	Pass	
		Inner_1RB_Right	25.37	/	/	22.57	/	/	<=30	Pass	
		Edge_1RB_Left	23.08	/	/	20.28	/	/	<=30	Pass	
		Edge_1RB_Right	23.27	/	/	20.47	/	/	<=30	Pass	
		Outer_Full	24.67	/	/	21.87	/	/	<=30	Pass	
	3975	Inner_Full	25.65	/	/	22.85	/	/	<=30	Pass	
		Inner_1RB_Left	25.67	/	/	22.87	/	/	<=30	Pass	
		Inner_1RB_Right	25.53	/	/	22.73	/	/	<=30	Pass	
		Edge_1RB_Left	22.96	/	/	20.16	/	/	<=30	Pass	
		Edge_1RB_Right	23.02	/	/	20.22	/	/	<=30	Pass	
		Outer_Full	24.47	/	/	21.67	/	/	<=30	Pass	
	DFT-s-OFDM 64 QAM	3705	Inner_Full	25.54	/	/	22.74	/	/	<=30	Pass
			Inner_1RB_Left	25.64	/	/	22.84	/	/	<=30	Pass
Inner_1RB_Right			25.51	/	/	22.71	/	/	<=30	Pass	
Edge_1RB_Left			22.53	/	/	19.73	/	/	<=30	Pass	
Edge_1RB_Right			21.13	/	/	18.33	/	/	<=30	Pass	
Outer_Full			22.15	/	/	19.35	/	/	<=30	Pass	
3840		Inner_Full	22.25	/	/	19.45	/	/	<=30	Pass	
		Inner_1RB_Left	21.94	/	/	19.14	/	/	<=30	Pass	
		Inner_1RB_Right	23.69	/	/	20.89	/	/	<=30	Pass	
		Edge_1RB_Left	23.08	/	/	20.28	/	/	<=30	Pass	
		Edge_1RB_Right	23.11	/	/	20.31	/	/	<=30	Pass	
		Outer_Full	24.17	/	/	21.37	/	/	<=30	Pass	
3975		Inner_Full	24.20	/	/	21.40	/	/	<=30	Pass	
		Inner_1RB_Left	23.98	/	/	21.18	/	/	<=30	Pass	
	Inner_1RB_Right	24.00	/	/	21.20	/	/	<=30	Pass		
	Edge_1RB_Left	23.00	/	/	20.20	/	/	<=30	Pass		
	Edge_1RB_Right	23.11	/	/	20.31	/	/	<=30	Pass		
	Outer_Full	24.01	/	/	21.21	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3705	Inner_Full	24.03	/	/	21.23	/	/	<=30	Pass	
		Inner_1RB_Left	24.02	/	/	21.22	/	/	<=30	Pass	
		Inner_1RB_Right	24.06	/	/	21.26	/	/	<=30	Pass	
		Edge_1RB_Left	19.61	/	/	16.81	/	/	<=30	Pass	
		Edge_1RB_Right	21.26	/	/	18.46	/	/	<=30	Pass	
		Outer_Full	21.41	/	/	18.61	/	/	<=30	Pass	
	3840	Inner_Full	21.54	/	/	18.74	/	/	<=30	Pass	
		Inner_1RB_Left	19.62	/	/	16.82	/	/	<=30	Pass	
		Inner_1RB_Right	19.70	/	/	16.90	/	/	<=30	Pass	
		Edge_1RB_Left	21.97	/	/	19.17	/	/	<=30	Pass	
		Edge_1RB_Right	21.99	/	/	19.19	/	/	<=30	Pass	
		Outer_Full	22.10	/	/	19.30	/	/	<=30	Pass	
	3975	Inner_Full	22.10	/	/	19.30	/	/	<=30	Pass	
		Inner_1RB_Left	21.91	/	/	19.11	/	/	<=30	Pass	
Inner_1RB_Right		21.97	/	/	19.17	/	/	<=30	Pass		
Edge_1RB_Left		21.91	/	/	19.11	/	/	<=30	Pass		
Edge_1RB_Right		21.85	/	/	19.05	/	/	<=30	Pass		
Outer_Full		21.99	/	/	19.19	/	/	<=30	Pass		
		Inner_Full	22.00	/	/	19.20	/	/	<=30	Pass	



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Table with columns for test parameters (e.g., Inner_1RB_Left, Edge_1RB_Right, Outer_Full, Inner_Full) and results (e.g., 21.79, 18.99, <=30, Pass). Rows are grouped by modulation type (CP-OFDM QPSK, CP-OFDM 16 QAM, CP-OFDM 64 QAM) and bandwidth (3705, 3840, 3975).



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	3975	Inner_1RB_Right	23.13	/	/	20.33	/	/	<=30	Pass	
		Edge_1RB_Left	23.08	/	/	20.28	/	/	<=30	Pass	
		Edge_1RB_Right	23.09	/	/	20.29	/	/	<=30	Pass	
		Outer_Full	23.04	/	/	20.24	/	/	<=30	Pass	
		Inner_Full	23.02	/	/	20.22	/	/	<=30	Pass	
		Inner_1RB_Left	23.03	/	/	20.23	/	/	<=30	Pass	
		Inner_1RB_Right	23.07	/	/	20.27	/	/	<=30	Pass	
CP-OFDM 256 QAM	3705	Edge_1RB_Left	19.67	/	/	16.87	/	/	<=30	Pass	
		Edge_1RB_Right	19.79	/	/	16.99	/	/	<=30	Pass	
		Outer_Full	19.80	/	/	17.00	/	/	<=30	Pass	
		Inner_Full	19.86	/	/	17.06	/	/	<=30	Pass	
		Inner_1RB_Left	19.58	/	/	16.78	/	/	<=30	Pass	
		Inner_1RB_Right	19.76	/	/	16.96	/	/	<=30	Pass	
	3840	Edge_1RB_Left	20.19	/	/	17.39	/	/	<=30	Pass	
		Edge_1RB_Right	20.23	/	/	17.43	/	/	<=30	Pass	
		Outer_Full	20.13	/	/	17.33	/	/	<=30	Pass	
		Inner_Full	20.09	/	/	17.29	/	/	<=30	Pass	
		Inner_1RB_Left	20.19	/	/	17.39	/	/	<=30	Pass	
		Inner_1RB_Right	20.25	/	/	17.45	/	/	<=30	Pass	
	3975	Edge_1RB_Left	20.01	/	/	17.21	/	/	<=30	Pass	
		Edge_1RB_Right	20.13	/	/	17.33	/	/	<=30	Pass	
		Outer_Full	19.99	/	/	17.19	/	/	<=30	Pass	
		Inner_Full	20.07	/	/	17.27	/	/	<=30	Pass	
		Inner_1RB_Left	20.05	/	/	17.25	/	/	<=30	Pass	
		Inner_1RB_Right	20.14	/	/	17.34	/	/	<=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 n77a 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	22.74	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	20.13	/	/	<=30	Pass
		Outer_Full	25.35	/	/	22.55	/	/	<=30	Pass
		Inner_Full	26.25	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	26.35	/	/	23.55	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.11	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Right	23.16	/	/	20.36	/	/	<=30	Pass
		Outer_Full	26.21	/	/	23.41	/	/	<=30	Pass
		Inner_Full	26.63	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Left	26.61	/	/	23.81	/	/	<=30	Pass
		Inner_1RB_Right	26.64	/	/	23.84	/	/	<=30	Pass
	3972.495	Edge_1RB_Left	23.15	/	/	20.35	/	/	<=30	Pass
		Edge_1RB_Right	23.15	/	/	20.35	/	/	<=30	Pass
		Outer_Full	25.92	/	/	23.12	/	/	<=30	Pass
		Inner_Full	26.41	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	26.41	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Right	26.38	/	/	23.58	/	/	<=30	Pass
DFT-s-OFDM QPSK	3707.505	Edge_1RB_Left	22.81	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	20.19	/	/	<=30	Pass
		Outer_Full	25.32	/	/	22.52	/	/	<=30	Pass
		Inner_Full	26.26	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Left	26.24	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Right	26.35	/	/	23.55	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.21	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	23.20	/	/	20.40	/	/	<=30	Pass
		Outer_Full	25.70	/	/	22.90	/	/	<=30	Pass
		Inner_Full	26.69	/	/	23.89	/	/	<=30	Pass
		Inner_1RB_Left	26.59	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Right	26.59	/	/	23.79	/	/	<=30	Pass
	3972.495	Edge_1RB_Left	23.18	/	/	20.38	/	/	<=30	Pass
		Edge_1RB_Right	23.21	/	/	20.41	/	/	<=30	Pass
		Outer_Full	25.73	/	/	22.93	/	/	<=30	Pass
		Inner_Full	26.42	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	26.34	/	/	23.54	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.505	Edge_1RB_Left	22.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	24.30	/	/	21.50	/	/	<=30	Pass
		Inner_Full	25.36	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	25.04	/	/	22.24	/	/	<=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 (3840, 3972.495, 3707.505).



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CP-OFDM QPSK	3707.505	Edge_1RB_Left	22.71	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.80	/	/	20.00	/	/	<=30	Pass
		Outer_Full	23.36	/	/	20.56	/	/	<=30	Pass
		Inner_Full	24.86	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	21.85	/	/	<=30	Pass
	Inner_1RB_Right	24.76	/	/	21.96	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.04	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	23.11	/	/	20.31	/	/	<=30	Pass
		Outer_Full	23.68	/	/	20.88	/	/	<=30	Pass
		Inner_Full	25.20	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	25.05	/	/	22.25	/	/	<=30	Pass
	Inner_1RB_Right	25.01	/	/	22.21	/	/	<=30	Pass	
	3972.495	Edge_1RB_Left	23.05	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	20.26	/	/	<=30	Pass
		Outer_Full	23.71	/	/	20.91	/	/	<=30	Pass
Inner_Full		25.19	/	/	22.39	/	/	<=30	Pass	
Inner_1RB_Left		25.02	/	/	22.22	/	/	<=30	Pass	
Inner_1RB_Right	24.98	/	/	22.18	/	/	<=30	Pass		
CP-OFDM 16 QAM	3707.505	Edge_1RB_Left	22.70	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	20.24	/	/	<=30	Pass
		Outer_Full	23.36	/	/	20.56	/	/	<=30	Pass
		Inner_Full	24.39	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	21.39	/	/	<=30	Pass
	Inner_1RB_Right	24.35	/	/	21.55	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.20	/	/	20.40	/	/	<=30	Pass
		Edge_1RB_Right	23.16	/	/	20.36	/	/	<=30	Pass
		Outer_Full	23.73	/	/	20.93	/	/	<=30	Pass
		Inner_Full	24.72	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	21.86	/	/	<=30	Pass
	Inner_1RB_Right	24.57	/	/	21.77	/	/	<=30	Pass	
	3972.495	Edge_1RB_Left	23.11	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Right	23.13	/	/	20.33	/	/	<=30	Pass
		Outer_Full	23.70	/	/	20.90	/	/	<=30	Pass
Inner_Full		24.70	/	/	21.90	/	/	<=30	Pass	
Inner_1RB_Left		24.66	/	/	21.86	/	/	<=30	Pass	
Inner_1RB_Right	24.55	/	/	21.75	/	/	<=30	Pass		
CP-OFDM 64 QAM	3707.505	Edge_1RB_Left	22.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	20.23	/	/	<=30	Pass
		Outer_Full	22.83	/	/	20.03	/	/	<=30	Pass
		Inner_Full	22.86	/	/	20.06	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	20.03	/	/	<=30	Pass
	Inner_1RB_Right	22.91	/	/	20.11	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.23	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	20.49	/	/	<=30	Pass
		Outer_Full	23.20	/	/	20.40	/	/	<=30	Pass
		Inner_Full	23.24	/	/	20.44	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	20.42	/	/	<=30	Pass
	Inner_1RB_Right	23.31	/	/	20.51	/	/	<=30	Pass	
	3972.495	Edge_1RB_Left	23.32	/	/	20.52	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	23.30	/	/	20.50	/	/	<=30	Pass
		Outer_Full	23.23	/	/	20.43	/	/	<=30	Pass
		Inner_Full	23.22	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	20.46	/	/	<=30	Pass
	3707.505	Edge_1RB_Left	19.80	/	/	17.00	/	/	<=30	Pass
		Edge_1RB_Right	19.97	/	/	17.17	/	/	<=30	Pass
		Outer_Full	19.80	/	/	17.00	/	/	<=30	Pass
		Inner_Full	19.87	/	/	17.07	/	/	<=30	Pass
		Inner_1RB_Left	19.82	/	/	17.02	/	/	<=30	Pass
	3840	Inner_1RB_Right	19.93	/	/	17.13	/	/	<=30	Pass
		Edge_1RB_Left	20.21	/	/	17.41	/	/	<=30	Pass
		Edge_1RB_Right	20.27	/	/	17.47	/	/	<=30	Pass
		Outer_Full	20.16	/	/	17.36	/	/	<=30	Pass
		Inner_Full	20.23	/	/	17.43	/	/	<=30	Pass
	3972.495	Inner_1RB_Left	20.24	/	/	17.44	/	/	<=30	Pass
		Inner_1RB_Right	20.31	/	/	17.51	/	/	<=30	Pass
		Edge_1RB_Left	20.26	/	/	17.46	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	17.44	/	/	<=30	Pass
		Outer_Full	20.18	/	/	17.38	/	/	<=30	Pass
		Inner_Full	20.22	/	/	17.42	/	/	<=30	Pass
		Inner_1RB_Left	20.25	/	/	17.45	/	/	<=30	Pass
		Inner_1RB_Right	20.26	/	/	17.46	/	/	<=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 n77a 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	22.79	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	20.17	/	/	<=30	Pass
		Outer_Full	25.38	/	/	22.58	/	/	<=30	Pass
		Inner_Full	26.32	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Left	26.27	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	26.40	/	/	23.60	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.14	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	23.20	/	/	20.40	/	/	<=30	Pass
		Outer_Full	26.19	/	/	23.39	/	/	<=30	Pass
		Inner_Full	26.71	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Left	26.58	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Right	26.56	/	/	23.76	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	23.12	/	/	20.32	/	/	<=30	Pass
		Edge_1RB_Right	23.18	/	/	20.38	/	/	<=30	Pass
		Outer_Full	25.98	/	/	23.18	/	/	<=30	Pass
		Inner_Full	26.49	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	26.29	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Right	26.33	/	/	23.53	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	22.83	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	20.16	/	/	<=30	Pass
		Outer_Full	25.39	/	/	22.59	/	/	<=30	Pass
		Inner_Full	26.33	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	26.33	/	/	23.53	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.14	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	23.14	/	/	20.34	/	/	<=30	Pass
		Outer_Full	25.70	/	/	22.90	/	/	<=30	Pass
		Inner_Full	26.69	/	/	23.89	/	/	<=30	Pass
		Inner_1RB_Left	26.57	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Right	26.55	/	/	23.75	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	23.14	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	23.18	/	/	20.38	/	/	<=30	Pass
		Outer_Full	25.68	/	/	22.88	/	/	<=30	Pass
		Inner_Full	26.43	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	26.35	/	/	23.55	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	22.96	/	/	20.16	/	/	<=30	Pass
		Outer_Full	24.37	/	/	21.57	/	/	<=30	Pass
		Inner_Full	25.39	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	25.31	/	/	22.51	/	/	<=30	Pass



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	3840	Inner_1RB_Right	25.44	/	/	22.64	/	/	<=30	Pass	
		Edge_1RB_Left	23.17	/	/	20.37	/	/	<=30	Pass	
		Edge_1RB_Right	23.14	/	/	20.34	/	/	<=30	Pass	
		Outer_Full	24.67	/	/	21.87	/	/	<=30	Pass	
		Inner_Full	25.69	/	/	22.89	/	/	<=30	Pass	
		Inner_1RB_Left	25.60	/	/	22.80	/	/	<=30	Pass	
	3969.99	Inner_1RB_Right	25.78	/	/	22.98	/	/	<=30	Pass	
		Edge_1RB_Left	23.15	/	/	20.35	/	/	<=30	Pass	
		Edge_1RB_Right	23.17	/	/	20.37	/	/	<=30	Pass	
		Outer_Full	24.65	/	/	21.85	/	/	<=30	Pass	
		Inner_Full	25.65	/	/	22.85	/	/	<=30	Pass	
		Inner_1RB_Left	25.54	/	/	22.74	/	/	<=30	Pass	
	DFT-s-OFDM 64 QAM	3710.01	Inner_1RB_Right	25.57	/	/	22.77	/	/	<=30	Pass
			Edge_1RB_Left	22.80	/	/	20.00	/	/	<=30	Pass
Edge_1RB_Right			23.01	/	/	20.21	/	/	<=30	Pass	
Outer_Full			23.85	/	/	21.05	/	/	<=30	Pass	
Inner_Full			23.87	/	/	21.07	/	/	<=30	Pass	
Inner_1RB_Left			23.70	/	/	20.90	/	/	<=30	Pass	
3840		Inner_1RB_Right	23.84	/	/	21.04	/	/	<=30	Pass	
		Edge_1RB_Left	23.12	/	/	20.32	/	/	<=30	Pass	
		Edge_1RB_Right	23.26	/	/	20.46	/	/	<=30	Pass	
		Outer_Full	24.19	/	/	21.39	/	/	<=30	Pass	
		Inner_Full	24.17	/	/	21.37	/	/	<=30	Pass	
		Inner_1RB_Left	24.15	/	/	21.35	/	/	<=30	Pass	
3969.99		Inner_1RB_Right	24.22	/	/	21.42	/	/	<=30	Pass	
		Edge_1RB_Left	23.20	/	/	20.40	/	/	<=30	Pass	
	Edge_1RB_Right	23.16	/	/	20.36	/	/	<=30	Pass		
	Outer_Full	24.16	/	/	21.36	/	/	<=30	Pass		
	Inner_Full	24.14	/	/	21.34	/	/	<=30	Pass		
	Inner_1RB_Left	24.09	/	/	21.29	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3710.01	Inner_1RB_Right	24.08	/	/	21.28	/	/	<=30	Pass	
		Edge_1RB_Left	21.65	/	/	18.85	/	/	<=30	Pass	
		Edge_1RB_Right	21.82	/	/	19.02	/	/	<=30	Pass	
		Outer_Full	21.85	/	/	19.05	/	/	<=30	Pass	
		Inner_Full	21.90	/	/	19.10	/	/	<=30	Pass	
		Inner_1RB_Left	21.64	/	/	18.84	/	/	<=30	Pass	
	3840	Inner_1RB_Right	21.77	/	/	18.97	/	/	<=30	Pass	
		Edge_1RB_Left	22.00	/	/	19.20	/	/	<=30	Pass	
		Edge_1RB_Right	21.98	/	/	19.18	/	/	<=30	Pass	
		Outer_Full	22.20	/	/	19.40	/	/	<=30	Pass	
		Inner_Full	22.15	/	/	19.35	/	/	<=30	Pass	
		Inner_1RB_Left	21.99	/	/	19.19	/	/	<=30	Pass	
	3969.99	Inner_1RB_Right	21.99	/	/	19.19	/	/	<=30	Pass	
		Edge_1RB_Left	21.96	/	/	19.16	/	/	<=30	Pass	
Edge_1RB_Right		21.97	/	/	19.17	/	/	<=30	Pass		
Outer_Full		22.19	/	/	19.39	/	/	<=30	Pass		
Inner_Full		22.12	/	/	19.32	/	/	<=30	Pass		
Inner_1RB_Left		21.99	/	/	19.19	/	/	<=30	Pass		
		Inner_1RB_Right	21.97	/	/	19.17	/	/	<=30	Pass	



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CP-OFDM QPSK	3710.01	Edge_1RB_Left	22.69	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	20.05	/	/	<=30	Pass
		Outer_Full	23.40	/	/	20.60	/	/	<=30	Pass
		Inner_Full	24.91	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Left	24.72	/	/	21.92	/	/	<=30	Pass
	Inner_1RB_Right	24.80	/	/	22.00	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.04	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	20.23	/	/	<=30	Pass
		Outer_Full	23.72	/	/	20.92	/	/	<=30	Pass
		Inner_Full	25.21	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Left	25.07	/	/	22.27	/	/	<=30	Pass
	Inner_1RB_Right	24.99	/	/	22.19	/	/	<=30	Pass	
	3969.99	Edge_1RB_Left	23.04	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	20.25	/	/	<=30	Pass
		Outer_Full	23.71	/	/	20.91	/	/	<=30	Pass
Inner_Full		25.14	/	/	22.34	/	/	<=30	Pass	
Inner_1RB_Left		24.96	/	/	22.16	/	/	<=30	Pass	
Inner_1RB_Right	24.97	/	/	22.17	/	/	<=30	Pass		
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.80	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	20.09	/	/	<=30	Pass
		Outer_Full	23.39	/	/	20.59	/	/	<=30	Pass
		Inner_Full	24.37	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Left	24.33	/	/	21.53	/	/	<=30	Pass
	Inner_1RB_Right	24.43	/	/	21.63	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.29	/	/	20.49	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	20.30	/	/	<=30	Pass
		Outer_Full	23.71	/	/	20.91	/	/	<=30	Pass
		Inner_Full	24.71	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Left	24.63	/	/	21.83	/	/	<=30	Pass
	Inner_1RB_Right	24.71	/	/	21.91	/	/	<=30	Pass	
	3969.99	Edge_1RB_Left	23.10	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	20.30	/	/	<=30	Pass
		Outer_Full	23.68	/	/	20.88	/	/	<=30	Pass
Inner_Full		24.67	/	/	21.87	/	/	<=30	Pass	
Inner_1RB_Left		24.53	/	/	21.73	/	/	<=30	Pass	
Inner_1RB_Right	24.65	/	/	21.85	/	/	<=30	Pass		
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	22.85	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	20.23	/	/	<=30	Pass
		Outer_Full	22.87	/	/	20.07	/	/	<=30	Pass
		Inner_Full	22.91	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Left	22.88	/	/	20.08	/	/	<=30	Pass
	Inner_1RB_Right	23.00	/	/	20.20	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.23	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	23.20	/	/	20.40	/	/	<=30	Pass
		Outer_Full	23.17	/	/	20.37	/	/	<=30	Pass
		Inner_Full	23.21	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Left	23.15	/	/	20.35	/	/	<=30	Pass
	Inner_1RB_Right	23.30	/	/	20.50	/	/	<=30	Pass	
	3969.99	Edge_1RB_Left	23.24	/	/	20.44	/	/	<=30	Pass



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		Edge_1RB_Right	23.27	/	/	20.47	/	/	<=30	Pass
		Outer_Full	23.14	/	/	20.34	/	/	<=30	Pass
		Inner_Full	23.16	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Left	23.26	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	20.47	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	19.84	/	/	17.04	/	/	<=30	Pass
		Edge_1RB_Right	19.98	/	/	17.18	/	/	<=30	Pass
		Outer_Full	19.87	/	/	17.07	/	/	<=30	Pass
		Inner_Full	19.90	/	/	17.10	/	/	<=30	Pass
		Inner_1RB_Left	19.83	/	/	17.03	/	/	<=30	Pass
		Inner_1RB_Right	20.02	/	/	17.22	/	/	<=30	Pass
	3840	Edge_1RB_Left	20.24	/	/	17.44	/	/	<=30	Pass
		Edge_1RB_Right	20.22	/	/	17.42	/	/	<=30	Pass
		Outer_Full	20.20	/	/	17.40	/	/	<=30	Pass
		Inner_Full	20.19	/	/	17.39	/	/	<=30	Pass
		Inner_1RB_Left	20.25	/	/	17.45	/	/	<=30	Pass
		Inner_1RB_Right	20.21	/	/	17.41	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	20.21	/	/	17.41	/	/	<=30	Pass
		Edge_1RB_Right	20.27	/	/	17.47	/	/	<=30	Pass
		Outer_Full	20.22	/	/	17.42	/	/	<=30	Pass
		Inner_Full	20.18	/	/	17.38	/	/	<=30	Pass
		Inner_1RB_Left	20.26	/	/	17.46	/	/	<=30	Pass
		Inner_1RB_Right	20.28	/	/	17.48	/	/	<=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 n77a 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	22.73	/	/	19.93	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	20.13	/	/	<=30	Pass
		Outer_Full	25.93	/	/	23.13	/	/	<=30	Pass
		Inner_Full	26.45	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	26.43	/	/	23.63	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.03	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	20.26	/	/	<=30	Pass
		Outer_Full	26.19	/	/	23.39	/	/	<=30	Pass
		Inner_Full	26.67	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Left	26.54	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Right	26.49	/	/	23.69	/	/	<=30	Pass
	3967.5	Edge_1RB_Left	22.99	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	23.14	/	/	20.34	/	/	<=30	Pass
		Outer_Full	25.96	/	/	23.16	/	/	<=30	Pass
		Inner_Full	26.41	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	26.24	/	/	23.44	/	/	<=30	Pass
		Inner_1RB_Right	26.39	/	/	23.59	/	/	<=30	Pass
DFT-s-OFDM QPSK	3712.5	Edge_1RB_Left	22.74	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	20.14	/	/	<=30	Pass
		Outer_Full	25.43	/	/	22.63	/	/	<=30	Pass
		Inner_Full	26.44	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Left	26.23	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Right	26.47	/	/	23.67	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.05	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	23.12	/	/	20.32	/	/	<=30	Pass
		Outer_Full	25.66	/	/	22.86	/	/	<=30	Pass
		Inner_Full	26.68	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Left	26.54	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Right	26.48	/	/	23.68	/	/	<=30	Pass
	3967.5	Edge_1RB_Left	23.05	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	23.15	/	/	20.35	/	/	<=30	Pass
		Outer_Full	25.50	/	/	22.70	/	/	<=30	Pass
		Inner_Full	26.45	/	/	23.65	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Right	26.40	/	/	23.60	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Edge_1RB_Left	22.68	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	20.26	/	/	<=30	Pass
		Outer_Full	24.46	/	/	21.66	/	/	<=30	Pass
		Inner_Full	25.39	/	/	22.59	/	/	<=30	Pass
		Inner_1RB_Left	25.41	/	/	22.61	/	/	<=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 (3840, 3967.5, 3712.5).



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CP-OFDM QPSK	3712.5	Edge_1RB_Left	22.71	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	22.89	/	/	20.09	/	/	<=30	Pass
		Outer_Full	23.40	/	/	20.60	/	/	<=30	Pass
		Inner_Full	24.92	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Right	24.91	/	/	22.11	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.94	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	20.17	/	/	<=30	Pass
		Outer_Full	23.65	/	/	20.85	/	/	<=30	Pass
		Inner_Full	25.10	/	/	22.30	/	/	<=30	Pass
		Inner_1RB_Left	24.85	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Right	24.94	/	/	22.14	/	/	<=30	Pass
	3967.5	Edge_1RB_Left	22.93	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	20.26	/	/	<=30	Pass
		Outer_Full	23.63	/	/	20.83	/	/	<=30	Pass
		Inner_Full	25.09	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Left	24.92	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Right	24.88	/	/	22.08	/	/	<=30	Pass
CP-OFDM 16 QAM	3712.5	Edge_1RB_Left	22.77	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	20.17	/	/	<=30	Pass
		Outer_Full	23.43	/	/	20.63	/	/	<=30	Pass
		Inner_Full	24.43	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Left	24.45	/	/	21.65	/	/	<=30	Pass
		Inner_1RB_Right	24.63	/	/	21.83	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.09	/	/	20.29	/	/	<=30	Pass
		Edge_1RB_Right	23.13	/	/	20.33	/	/	<=30	Pass
		Outer_Full	23.70	/	/	20.90	/	/	<=30	Pass
		Inner_Full	24.64	/	/	21.84	/	/	<=30	Pass
		Inner_1RB_Left	24.49	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Right	24.48	/	/	21.68	/	/	<=30	Pass
	3967.5	Edge_1RB_Left	22.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	23.05	/	/	20.25	/	/	<=30	Pass
		Outer_Full	23.61	/	/	20.81	/	/	<=30	Pass
		Inner_Full	24.61	/	/	21.81	/	/	<=30	Pass
		Inner_1RB_Left	24.49	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	21.69	/	/	<=30	Pass
CP-OFDM 64 QAM	3712.5	Edge_1RB_Left	22.87	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	20.27	/	/	<=30	Pass
		Outer_Full	22.92	/	/	20.12	/	/	<=30	Pass
		Inner_Full	22.93	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	22.92	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Right	23.05	/	/	20.25	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.01	/	/	20.21	/	/	<=30	Pass
		Edge_1RB_Right	23.17	/	/	20.37	/	/	<=30	Pass
		Outer_Full	23.17	/	/	20.37	/	/	<=30	Pass
		Inner_Full	23.19	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	23.05	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Right	23.09	/	/	20.29	/	/	<=30	Pass
	3967.5	Edge_1RB_Left	23.07	/	/	20.27	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	23.26	/	/	20.46	/	/	<=30	Pass
		Outer_Full	23.07	/	/	20.27	/	/	<=30	Pass
		Inner_Full	23.19	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	20.26	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	20.39	/	/	<=30	Pass
	3712.5	Edge_1RB_Left	19.83	/	/	17.03	/	/	<=30	Pass
		Edge_1RB_Right	20.01	/	/	17.21	/	/	<=30	Pass
		Outer_Full	19.96	/	/	17.16	/	/	<=30	Pass
		Inner_Full	19.94	/	/	17.14	/	/	<=30	Pass
		Inner_1RB_Left	19.83	/	/	17.03	/	/	<=30	Pass
	3840	Inner_1RB_Right	20.04	/	/	17.24	/	/	<=30	Pass
		Edge_1RB_Left	20.13	/	/	17.33	/	/	<=30	Pass
		Edge_1RB_Right	20.16	/	/	17.36	/	/	<=30	Pass
		Outer_Full	20.17	/	/	17.37	/	/	<=30	Pass
		Inner_Full	20.13	/	/	17.33	/	/	<=30	Pass
	3967.5	Inner_1RB_Left	20.12	/	/	17.32	/	/	<=30	Pass
		Inner_1RB_Right	20.17	/	/	17.37	/	/	<=30	Pass
		Edge_1RB_Left	20.09	/	/	17.29	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	17.46	/	/	<=30	Pass
		Outer_Full	20.13	/	/	17.33	/	/	<=30	Pass
		Inner_Full	20.17	/	/	17.37	/	/	<=30	Pass
		Inner_1RB_Left	20.08	/	/	17.28	/	/	<=30	Pass
		Inner_1RB_Right	20.13	/	/	17.33	/	/	<=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 n77a SCS=15kHz SISO 30MHz 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	3715.005	Edge_1RB_Left	22.71	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	23.11	/	/	20.31	/	/	<=30	Pass
		Outer_Full	25.38	/	/	22.58	/	/	<=30	Pass
		Inner_Full	26.40	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	26.45	/	/	23.65	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.08	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	23.08	/	/	20.28	/	/	<=30	Pass
		Outer_Full	26.22	/	/	23.42	/	/	<=30	Pass
		Inner_Full	26.66	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Left	26.60	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Right	26.53	/	/	23.73	/	/	<=30	Pass
	3964.995	Edge_1RB_Left	23.17	/	/	20.37	/	/	<=30	Pass
		Edge_1RB_Right	23.11	/	/	20.31	/	/	<=30	Pass
		Outer_Full	26.05	/	/	23.25	/	/	<=30	Pass
		Inner_Full	26.56	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	26.39	/	/	23.59	/	/	<=30	Pass
		Inner_1RB_Right	26.45	/	/	23.65	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.005	Edge_1RB_Left	22.71	/	/	19.91	/	/	<=30	Pass
		Edge_1RB_Right	23.11	/	/	20.31	/	/	<=30	Pass
		Outer_Full	25.43	/	/	22.63	/	/	<=30	Pass
		Inner_Full	26.41	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Left	26.18	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Right	26.51	/	/	23.71	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.14	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	23.14	/	/	20.34	/	/	<=30	Pass
		Outer_Full	25.70	/	/	22.90	/	/	<=30	Pass
		Inner_Full	26.68	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Left	26.55	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Right	26.53	/	/	23.73	/	/	<=30	Pass
	3964.995	Edge_1RB_Left	23.19	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	23.17	/	/	20.37	/	/	<=30	Pass
		Outer_Full	25.54	/	/	22.74	/	/	<=30	Pass
		Inner_Full	26.55	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Left	26.42	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	26.40	/	/	23.60	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.005	Edge_1RB_Left	22.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	23.15	/	/	20.35	/	/	<=30	Pass
		Outer_Full	24.42	/	/	21.62	/	/	<=30	Pass
		Inner_Full	25.37	/	/	22.57	/	/	<=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. It is organized into three main sections: DFT-s-OFDM 64 QAM, DFT-s-OFDM 256 QAM, and another DFT-s-OFDM 64 QAM section.



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Table with columns for Modulation Type, Bandwidth, and various signal parameters (Edge, Outer, Inner) for RB Left and Right. Results are compared against limits (e.g., <=30) and marked as Pass.



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CP-OFDM 256 QAM		Edge_1RB_Right	23.22	/	/	20.42	/	/	<=30	Pass	
		Outer_Full	23.23	/	/	20.43	/	/	<=30	Pass	
		Inner_Full	23.23	/	/	20.43	/	/	<=30	Pass	
		Inner_1RB_Left	23.35	/	/	20.55	/	/	<=30	Pass	
		Inner_1RB_Right	23.24	/	/	20.44	/	/	<=30	Pass	
	3715.005	Edge_1RB_Left	19.72	/	/	16.92	/	/	<=30	Pass	
		Edge_1RB_Right	20.13	/	/	17.33	/	/	<=30	Pass	
		Outer_Full	19.93	/	/	17.13	/	/	<=30	Pass	
		Inner_Full	19.84	/	/	17.04	/	/	<=30	Pass	
		Inner_1RB_Left	19.73	/	/	16.93	/	/	<=30	Pass	
		Inner_1RB_Right	20.10	/	/	17.30	/	/	<=30	Pass	
		3840	Edge_1RB_Left	20.13	/	/	17.33	/	/	<=30	Pass
			Edge_1RB_Right	20.15	/	/	17.35	/	/	<=30	Pass
			Outer_Full	20.18	/	/	17.38	/	/	<=30	Pass
			Inner_Full	20.13	/	/	17.33	/	/	<=30	Pass
	Inner_1RB_Left		20.18	/	/	17.38	/	/	<=30	Pass	
	3964.995	Inner_1RB_Right	20.20	/	/	17.40	/	/	<=30	Pass	
		Edge_1RB_Left	20.22	/	/	17.42	/	/	<=30	Pass	
		Edge_1RB_Right	20.19	/	/	17.39	/	/	<=30	Pass	
		Outer_Full	20.27	/	/	17.47	/	/	<=30	Pass	
		Inner_Full	20.23	/	/	17.43	/	/	<=30	Pass	
		Inner_1RB_Left	20.36	/	/	17.56	/	/	<=30	Pass	
		Inner_1RB_Right	20.25	/	/	17.45	/	/	<=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 n77a 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	22.77	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	23.16	/	/	20.36	/	/	<=30	Pass
		Outer_Full	25.47	/	/	22.67	/	/	<=30	Pass
		Inner_Full	26.44	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Left	26.19	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	26.54	/	/	23.74	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.03	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	23.12	/	/	20.32	/	/	<=30	Pass
		Outer_Full	26.21	/	/	23.41	/	/	<=30	Pass
		Inner_Full	26.73	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Left	26.57	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Right	26.57	/	/	23.77	/	/	<=30	Pass
	3960	Edge_1RB_Left	23.08	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	23.12	/	/	20.32	/	/	<=30	Pass
		Outer_Full	26.02	/	/	23.22	/	/	<=30	Pass
		Inner_Full	26.48	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	26.30	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	26.45	/	/	23.65	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	22.80	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	23.18	/	/	20.38	/	/	<=30	Pass
		Outer_Full	25.48	/	/	22.68	/	/	<=30	Pass
		Inner_Full	26.48	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	26.19	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	26.56	/	/	23.76	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.06	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	23.13	/	/	20.33	/	/	<=30	Pass
		Outer_Full	25.69	/	/	22.89	/	/	<=30	Pass
		Inner_Full	26.75	/	/	23.95	/	/	<=30	Pass
		Inner_1RB_Left	26.54	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Right	26.49	/	/	23.69	/	/	<=30	Pass
	3960	Edge_1RB_Left	23.12	/	/	20.32	/	/	<=30	Pass
		Edge_1RB_Right	23.21	/	/	20.41	/	/	<=30	Pass
		Outer_Full	25.48	/	/	22.68	/	/	<=30	Pass
		Inner_Full	26.50	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Left	26.29	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Right	26.41	/	/	23.61	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge_1RB_Left	22.77	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	23.13	/	/	20.33	/	/	<=30	Pass
		Outer_Full	24.50	/	/	21.70	/	/	<=30	Pass
		Inner_Full	25.50	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Left	25.04	/	/	22.24	/	/	<=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 (3720, 3840, 3960).



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CP-OFDM QPSK	3720	Edge_1RB_Left	22.75	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	20.24	/	/	<=30	Pass
		Outer_Full	23.48	/	/	20.68	/	/	<=30	Pass
		Inner_Full	25.00	/	/	22.20	/	/	<=30	Pass
		Inner_1RB_Left	24.70	/	/	21.90	/	/	<=30	Pass
	Inner_1RB_Right	25.03	/	/	22.23	/	/	<=30	Pass	
	3840	Edge_1RB_Left	22.93	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	20.21	/	/	<=30	Pass
		Outer_Full	23.67	/	/	20.87	/	/	<=30	Pass
		Inner_Full	25.16	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Left	24.91	/	/	22.11	/	/	<=30	Pass
	Inner_1RB_Right	25.05	/	/	22.25	/	/	<=30	Pass	
	3960	Edge_1RB_Left	22.92	/	/	20.12	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	20.19	/	/	<=30	Pass
		Outer_Full	23.67	/	/	20.87	/	/	<=30	Pass
Inner_Full		25.15	/	/	22.35	/	/	<=30	Pass	
Inner_1RB_Left		24.85	/	/	22.05	/	/	<=30	Pass	
Inner_1RB_Right	24.84	/	/	22.04	/	/	<=30	Pass		
CP-OFDM 16 QAM	3720	Edge_1RB_Left	22.84	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	23.11	/	/	20.31	/	/	<=30	Pass
		Outer_Full	23.51	/	/	20.71	/	/	<=30	Pass
		Inner_Full	24.52	/	/	21.72	/	/	<=30	Pass
		Inner_1RB_Left	24.36	/	/	21.56	/	/	<=30	Pass
	Inner_1RB_Right	24.62	/	/	21.82	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.06	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	20.30	/	/	<=30	Pass
		Outer_Full	23.67	/	/	20.87	/	/	<=30	Pass
		Inner_Full	24.68	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Left	24.59	/	/	21.79	/	/	<=30	Pass
	Inner_1RB_Right	24.69	/	/	21.89	/	/	<=30	Pass	
	3960	Edge_1RB_Left	22.98	/	/	20.18	/	/	<=30	Pass
		Edge_1RB_Right	23.04	/	/	20.24	/	/	<=30	Pass
		Outer_Full	23.64	/	/	20.84	/	/	<=30	Pass
Inner_Full		24.63	/	/	21.83	/	/	<=30	Pass	
Inner_1RB_Left		24.47	/	/	21.67	/	/	<=30	Pass	
Inner_1RB_Right	24.50	/	/	21.70	/	/	<=30	Pass		
CP-OFDM 64 QAM	3720	Edge_1RB_Left	22.85	/	/	20.05	/	/	<=30	Pass
		Edge_1RB_Right	23.16	/	/	20.36	/	/	<=30	Pass
		Outer_Full	23.03	/	/	20.23	/	/	<=30	Pass
		Inner_Full	23.00	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	22.91	/	/	20.11	/	/	<=30	Pass
	Inner_1RB_Right	23.31	/	/	20.51	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.18	/	/	20.38	/	/	<=30	Pass
		Edge_1RB_Right	23.17	/	/	20.37	/	/	<=30	Pass
		Outer_Full	23.16	/	/	20.36	/	/	<=30	Pass
		Inner_Full	23.20	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	20.32	/	/	<=30	Pass
	Inner_1RB_Right	23.22	/	/	20.42	/	/	<=30	Pass	
	3960	Edge_1RB_Left	23.22	/	/	20.42	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	23.21	/	/	20.41	/	/	<=30	Pass
		Outer_Full	23.19	/	/	20.39	/	/	<=30	Pass
		Inner_Full	23.20	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Left	23.12	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Right	23.18	/	/	20.38	/	/	<=30	Pass
	3720	Edge_1RB_Left	19.85	/	/	17.05	/	/	<=30	Pass
		Edge_1RB_Right	20.20	/	/	17.40	/	/	<=30	Pass
		Outer_Full	20.05	/	/	17.25	/	/	<=30	Pass
		Inner_Full	20.02	/	/	17.22	/	/	<=30	Pass
		Inner_1RB_Left	19.87	/	/	17.07	/	/	<=30	Pass
	3840	Inner_1RB_Right	20.23	/	/	17.43	/	/	<=30	Pass
		Edge_1RB_Left	20.11	/	/	17.31	/	/	<=30	Pass
		Edge_1RB_Right	20.20	/	/	17.40	/	/	<=30	Pass
		Outer_Full	20.19	/	/	17.39	/	/	<=30	Pass
		Inner_Full	20.15	/	/	17.35	/	/	<=30	Pass
	3960	Inner_1RB_Left	20.10	/	/	17.30	/	/	<=30	Pass
		Inner_1RB_Right	20.20	/	/	17.40	/	/	<=30	Pass
		Edge_1RB_Left	20.16	/	/	17.36	/	/	<=30	Pass
		Edge_1RB_Right	20.19	/	/	17.39	/	/	<=30	Pass
		Outer_Full	20.18	/	/	17.38	/	/	<=30	Pass
			Inner_Full	20.21	/	/	17.41	/	/	<=30
		Inner_1RB_Left	20.13	/	/	17.33	/	/	<=30	Pass
		Inner_1RB_Right	20.19	/	/	17.39	/	/	<=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 n77a 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	22.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	23.24	/	/	20.44	/	/	<=30	Pass
		Outer_Full	25.46	/	/	22.66	/	/	<=30	Pass
		Inner_Full	26.49	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	26.70	/	/	23.90	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.94	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	20.30	/	/	<=30	Pass
		Outer_Full	26.14	/	/	23.34	/	/	<=30	Pass
		Inner_Full	26.70	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Left	26.51	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Right	26.43	/	/	23.63	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	23.16	/	/	20.36	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	20.18	/	/	<=30	Pass
		Outer_Full	26.06	/	/	23.26	/	/	<=30	Pass
		Inner_Full	26.50	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Left	26.41	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Right	26.28	/	/	23.48	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge_1RB_Left	22.61	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	23.23	/	/	20.43	/	/	<=30	Pass
		Outer_Full	25.44	/	/	22.64	/	/	<=30	Pass
		Inner_Full	26.46	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Left	26.09	/	/	23.29	/	/	<=30	Pass
		Inner_1RB_Right	26.63	/	/	23.83	/	/	<=30	Pass
	3840	Edge_1RB_Left	22.93	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	20.30	/	/	<=30	Pass
		Outer_Full	25.72	/	/	22.92	/	/	<=30	Pass
		Inner_Full	26.69	/	/	23.89	/	/	<=30	Pass
		Inner_1RB_Left	26.48	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Right	26.42	/	/	23.62	/	/	<=30	Pass
	3954.99	Edge_1RB_Left	23.14	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	23.01	/	/	20.21	/	/	<=30	Pass
		Outer_Full	25.51	/	/	22.71	/	/	<=30	Pass
		Inner_Full	26.50	/	/	23.70	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	26.37	/	/	23.57	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	22.62	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	23.17	/	/	20.37	/	/	<=30	Pass
		Outer_Full	24.43	/	/	21.63	/	/	<=30	Pass
		Inner_Full	25.51	/	/	22.71	/	/	<=30	Pass
		Inner_1RB_Left	25.09	/	/	22.29	/	/	<=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 (3840, 3954.99).



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CP-OFDM QPSK	3725.01	Edge_1RB_Left	22.50	/	/	19.70	/	/	<=30	Pass
		Edge_1RB_Right	25.13	/	/	22.33	/	/	<=30	Pass
		Outer_Full	23.49	/	/	20.69	/	/	<=30	Pass
		Inner_Full	24.98	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Left	24.50	/	/	21.70	/	/	<=30	Pass
	Inner_1RB_Right	25.07	/	/	22.27	/	/	<=30	Pass	
	3840	Edge_1RB_Left	22.88	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	25.02	/	/	22.22	/	/	<=30	Pass
		Outer_Full	23.67	/	/	20.87	/	/	<=30	Pass
		Inner_Full	25.25	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	24.85	/	/	22.05	/	/	<=30	Pass
	Inner_1RB_Right	24.98	/	/	22.18	/	/	<=30	Pass	
	3954.99	Edge_1RB_Left	23.07	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	24.86	/	/	22.06	/	/	<=30	Pass
		Outer_Full	23.71	/	/	20.91	/	/	<=30	Pass
Inner_Full		25.26	/	/	22.46	/	/	<=30	Pass	
Inner_1RB_Left		25.00	/	/	22.20	/	/	<=30	Pass	
Inner_1RB_Right	24.85	/	/	22.05	/	/	<=30	Pass		
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	22.69	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	24.76	/	/	21.96	/	/	<=30	Pass
		Outer_Full	23.44	/	/	20.64	/	/	<=30	Pass
		Inner_Full	24.49	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Left	24.15	/	/	21.35	/	/	<=30	Pass
	Inner_1RB_Right	24.71	/	/	21.91	/	/	<=30	Pass	
	3840	Edge_1RB_Left	22.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	24.60	/	/	21.80	/	/	<=30	Pass
		Outer_Full	23.66	/	/	20.86	/	/	<=30	Pass
		Inner_Full	24.73	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Left	24.57	/	/	21.77	/	/	<=30	Pass
	Inner_1RB_Right	24.58	/	/	21.78	/	/	<=30	Pass	
	3954.99	Edge_1RB_Left	23.14	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	24.56	/	/	21.76	/	/	<=30	Pass
		Outer_Full	23.70	/	/	20.90	/	/	<=30	Pass
Inner_Full		24.75	/	/	21.95	/	/	<=30	Pass	
Inner_1RB_Left		24.58	/	/	21.78	/	/	<=30	Pass	
Inner_1RB_Right	24.49	/	/	21.69	/	/	<=30	Pass		
CP-OFDM 64 QAM	3725.01	Edge_1RB_Left	22.60	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	23.25	/	/	20.45	/	/	<=30	Pass
		Outer_Full	22.92	/	/	20.12	/	/	<=30	Pass
		Inner_Full	23.01	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	19.89	/	/	<=30	Pass
	Inner_1RB_Right	23.23	/	/	20.43	/	/	<=30	Pass	
	3840	Edge_1RB_Left	22.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	23.24	/	/	20.44	/	/	<=30	Pass
		Outer_Full	23.19	/	/	20.39	/	/	<=30	Pass
		Inner_Full	23.21	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Left	22.98	/	/	20.18	/	/	<=30	Pass
	Inner_1RB_Right	23.16	/	/	20.36	/	/	<=30	Pass	
	3954.99	Edge_1RB_Left	23.20	/	/	20.40	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	23.12	/	/	20.32	/	/	<=30	Pass
		Outer_Full	23.19	/	/	20.39	/	/	<=30	Pass
		Inner_Full	23.27	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	20.34	/	/	<=30	Pass
	3725.01	Edge_1RB_Left	19.63	/	/	16.83	/	/	<=30	Pass
		Edge_1RB_Right	20.27	/	/	17.47	/	/	<=30	Pass
		Outer_Full	19.92	/	/	17.12	/	/	<=30	Pass
		Inner_Full	19.98	/	/	17.18	/	/	<=30	Pass
		Inner_1RB_Left	19.66	/	/	16.86	/	/	<=30	Pass
	3840	Inner_1RB_Right	20.24	/	/	17.44	/	/	<=30	Pass
		Edge_1RB_Left	20.01	/	/	17.21	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	17.44	/	/	<=30	Pass
		Outer_Full	20.18	/	/	17.38	/	/	<=30	Pass
		Inner_Full	20.25	/	/	17.45	/	/	<=30	Pass
	3954.99	Inner_1RB_Left	20.02	/	/	17.22	/	/	<=30	Pass
		Inner_1RB_Right	20.21	/	/	17.41	/	/	<=30	Pass
		Edge_1RB_Left	20.22	/	/	17.42	/	/	<=30	Pass
		Edge_1RB_Right	20.20	/	/	17.40	/	/	<=30	Pass
		Outer_Full	20.22	/	/	17.42	/	/	<=30	Pass
		Inner_Full	20.29	/	/	17.49	/	/	<=30	Pass
		Inner_1RB_Left	20.24	/	/	17.44	/	/	<=30	Pass
		Inner_1RB_Right	20.15	/	/	17.35	/	/	<=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 n77a 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	22.76	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	25.87	/	/	23.07	/	/	<=30	Pass
		Inner_Full	26.30	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Left	26.20	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	26.36	/	/	23.56	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.23	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	23.28	/	/	20.48	/	/	<=30	Pass
		Outer_Full	26.25	/	/	23.45	/	/	<=30	Pass
		Inner_Full	26.65	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Left	26.66	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Right	26.70	/	/	23.90	/	/	<=30	Pass
	3975	Edge_1RB_Left	23.11	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Right	23.23	/	/	20.43	/	/	<=30	Pass
		Outer_Full	25.98	/	/	23.18	/	/	<=30	Pass
		Inner_Full	26.48	/	/	23.68	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	26.43	/	/	23.63	/	/	<=30	Pass
DFT-s-OFDM QPSK	3705	Edge_1RB_Left	22.79	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	22.95	/	/	20.15	/	/	<=30	Pass
		Outer_Full	25.32	/	/	22.52	/	/	<=30	Pass
		Inner_Full	26.23	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Left	26.25	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Right	26.32	/	/	23.52	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.31	/	/	20.51	/	/	<=30	Pass
		Edge_1RB_Right	23.35	/	/	20.55	/	/	<=30	Pass
		Outer_Full	25.70	/	/	22.90	/	/	<=30	Pass
		Inner_Full	26.76	/	/	23.96	/	/	<=30	Pass
		Inner_1RB_Left	26.68	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Right	26.72	/	/	23.92	/	/	<=30	Pass
	3975	Edge_1RB_Left	23.21	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	23.32	/	/	20.52	/	/	<=30	Pass
		Outer_Full	25.66	/	/	22.86	/	/	<=30	Pass
		Inner_Full	26.53	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Left	26.41	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Right	26.32	/	/	23.52	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3705	Edge_1RB_Left	22.67	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	22.83	/	/	20.03	/	/	<=30	Pass
		Outer_Full	24.29	/	/	21.49	/	/	<=30	Pass
		Inner_Full	25.45	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	22.32	/	/	<=30	Pass



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	3840	Inner_1RB_Right	25.28	/	/	22.48	/	/	<=30	Pass	
		Edge_1RB_Left	23.11	/	/	20.31	/	/	<=30	Pass	
		Edge_1RB_Right	23.19	/	/	20.39	/	/	<=30	Pass	
		Outer_Full	24.88	/	/	22.08	/	/	<=30	Pass	
		Inner_Full	25.79	/	/	22.99	/	/	<=30	Pass	
		Inner_1RB_Left	25.63	/	/	22.83	/	/	<=30	Pass	
	3975	Inner_1RB_Right	25.65	/	/	22.85	/	/	<=30	Pass	
		Edge_1RB_Left	23.05	/	/	20.25	/	/	<=30	Pass	
		Edge_1RB_Right	23.00	/	/	20.20	/	/	<=30	Pass	
		Outer_Full	24.76	/	/	21.96	/	/	<=30	Pass	
		Inner_Full	25.71	/	/	22.91	/	/	<=30	Pass	
		Inner_1RB_Left	25.47	/	/	22.67	/	/	<=30	Pass	
	DFT-s-OFDM 64 QAM	3705	Inner_1RB_Right	25.46	/	/	22.66	/	/	<=30	Pass
			Edge_1RB_Left	22.82	/	/	20.02	/	/	<=30	Pass
Edge_1RB_Right			22.88	/	/	20.08	/	/	<=30	Pass	
Outer_Full			23.96	/	/	21.16	/	/	<=30	Pass	
Inner_Full			23.93	/	/	21.13	/	/	<=30	Pass	
Inner_1RB_Left			23.74	/	/	20.94	/	/	<=30	Pass	
3840		Inner_1RB_Right	23.91	/	/	21.11	/	/	<=30	Pass	
		Edge_1RB_Left	23.21	/	/	20.41	/	/	<=30	Pass	
		Edge_1RB_Right	23.22	/	/	20.42	/	/	<=30	Pass	
		Outer_Full	24.34	/	/	21.54	/	/	<=30	Pass	
		Inner_Full	24.32	/	/	21.52	/	/	<=30	Pass	
		Inner_1RB_Left	24.25	/	/	21.45	/	/	<=30	Pass	
3975		Inner_1RB_Right	24.39	/	/	21.59	/	/	<=30	Pass	
		Edge_1RB_Left	23.08	/	/	20.28	/	/	<=30	Pass	
	Edge_1RB_Right	23.15	/	/	20.35	/	/	<=30	Pass		
	Outer_Full	24.17	/	/	21.37	/	/	<=30	Pass		
	Inner_Full	24.26	/	/	21.46	/	/	<=30	Pass		
	Inner_1RB_Left	24.13	/	/	21.33	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3705	Inner_1RB_Right	24.15	/	/	21.35	/	/	<=30	Pass	
		Edge_1RB_Left	21.76	/	/	18.96	/	/	<=30	Pass	
		Edge_1RB_Right	21.87	/	/	19.07	/	/	<=30	Pass	
		Outer_Full	21.88	/	/	19.08	/	/	<=30	Pass	
		Inner_Full	22.07	/	/	19.27	/	/	<=30	Pass	
		Inner_1RB_Left	21.81	/	/	19.01	/	/	<=30	Pass	
	3840	Inner_1RB_Right	21.84	/	/	19.04	/	/	<=30	Pass	
		Edge_1RB_Left	22.20	/	/	19.40	/	/	<=30	Pass	
		Edge_1RB_Right	22.29	/	/	19.49	/	/	<=30	Pass	
		Outer_Full	22.20	/	/	19.40	/	/	<=30	Pass	
		Inner_Full	22.33	/	/	19.53	/	/	<=30	Pass	
		Inner_1RB_Left	22.20	/	/	19.40	/	/	<=30	Pass	
	3975	Inner_1RB_Right	22.26	/	/	19.46	/	/	<=30	Pass	
		Edge_1RB_Left	22.13	/	/	19.33	/	/	<=30	Pass	
Edge_1RB_Right		22.19	/	/	19.39	/	/	<=30	Pass		
Outer_Full		22.24	/	/	19.44	/	/	<=30	Pass		
Inner_Full		22.36	/	/	19.56	/	/	<=30	Pass		
Inner_1RB_Left		22.10	/	/	19.30	/	/	<=30	Pass		
		Inner_1RB_Right	22.19	/	/	19.39	/	/	<=30	Pass	



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CP-OFDM QPSK	3705	Edge_1RB_Left	22.74	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.85	/	/	20.05	/	/	<=30	Pass
		Outer_Full	23.26	/	/	20.46	/	/	<=30	Pass
		Inner_Full	24.75	/	/	21.95	/	/	<=30	Pass
		Inner_1RB_Left	24.67	/	/	21.87	/	/	<=30	Pass
		Inner_1RB_Right	24.76	/	/	21.96	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.25	/	/	20.45	/	/	<=30	Pass
		Edge_1RB_Right	23.18	/	/	20.38	/	/	<=30	Pass
		Outer_Full	23.67	/	/	20.87	/	/	<=30	Pass
		Inner_Full	25.18	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Left	25.04	/	/	22.24	/	/	<=30	Pass
		Inner_1RB_Right	25.08	/	/	22.28	/	/	<=30	Pass
	3975	Edge_1RB_Left	23.06	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	20.26	/	/	<=30	Pass
		Outer_Full	23.66	/	/	20.86	/	/	<=30	Pass
		Inner_Full	25.03	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	24.94	/	/	22.14	/	/	<=30	Pass
		Inner_1RB_Right	24.96	/	/	22.16	/	/	<=30	Pass
CP-OFDM 16 QAM	3705	Edge_1RB_Left	22.81	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	20.14	/	/	<=30	Pass
		Outer_Full	23.32	/	/	20.52	/	/	<=30	Pass
		Inner_Full	24.36	/	/	21.56	/	/	<=30	Pass
		Inner_1RB_Left	24.25	/	/	21.45	/	/	<=30	Pass
		Inner_1RB_Right	24.05	/	/	21.25	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.27	/	/	20.47	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	20.56	/	/	<=30	Pass
		Outer_Full	23.74	/	/	20.94	/	/	<=30	Pass
		Inner_Full	24.82	/	/	22.02	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	21.95	/	/	<=30	Pass
	3975	Edge_1RB_Left	23.04	/	/	20.24	/	/	<=30	Pass
		Edge_1RB_Right	23.10	/	/	20.30	/	/	<=30	Pass
		Outer_Full	23.68	/	/	20.88	/	/	<=30	Pass
		Inner_Full	24.77	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Left	24.57	/	/	21.77	/	/	<=30	Pass
		Inner_1RB_Right	24.47	/	/	21.67	/	/	<=30	Pass
CP-OFDM 64 QAM	3705	Edge_1RB_Left	22.82	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	23.09	/	/	20.29	/	/	<=30	Pass
		Outer_Full	22.80	/	/	20.00	/	/	<=30	Pass
		Inner_Full	22.95	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Left	23.00	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Right	23.08	/	/	20.28	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.24	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	20.54	/	/	<=30	Pass
		Outer_Full	23.27	/	/	20.47	/	/	<=30	Pass
		Inner_Full	23.49	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Right	23.50	/	/	20.70	/	/	<=30	Pass
	3975	Edge_1RB_Left	23.22	/	/	20.42	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	23.54	/	/	20.74	/	/	<=30	Pass
		Outer_Full	23.10	/	/	20.30	/	/	<=30	Pass
		Inner_Full	23.23	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Left	23.33	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	20.56	/	/	<=30	Pass
	3705	Edge_1RB_Left	19.77	/	/	16.97	/	/	<=30	Pass
		Edge_1RB_Right	19.91	/	/	17.11	/	/	<=30	Pass
		Outer_Full	19.78	/	/	16.98	/	/	<=30	Pass
		Inner_Full	20.00	/	/	17.20	/	/	<=30	Pass
		Inner_1RB_Left	19.78	/	/	16.98	/	/	<=30	Pass
	3840	Inner_1RB_Right	19.89	/	/	17.09	/	/	<=30	Pass
		Edge_1RB_Left	20.30	/	/	17.50	/	/	<=30	Pass
		Edge_1RB_Right	20.30	/	/	17.50	/	/	<=30	Pass
		Outer_Full	20.22	/	/	17.42	/	/	<=30	Pass
		Inner_Full	20.34	/	/	17.54	/	/	<=30	Pass
	3975	Inner_1RB_Left	20.31	/	/	17.51	/	/	<=30	Pass
		Inner_1RB_Right	20.36	/	/	17.56	/	/	<=30	Pass
		Edge_1RB_Left	20.18	/	/	17.38	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	17.44	/	/	<=30	Pass
		Outer_Full	20.16	/	/	17.36	/	/	<=30	Pass
		Inner_Full	20.15	/	/	17.35	/	/	<=30	Pass
	Inner_1RB_Left	20.22	/	/	17.42	/	/	<=30	Pass	
	Inner_1RB_Right	20.27	/	/	17.47	/	/	<=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 n77a 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	22.87	/	/	20.07	/	/	<=30	Pass
		Edge_1RB_Right	23.00	/	/	20.20	/	/	<=30	Pass
		Outer_Full	25.93	/	/	23.13	/	/	<=30	Pass
		Inner_Full	26.42	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Left	26.25	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Right	26.40	/	/	23.60	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.29	/	/	20.49	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	20.49	/	/	<=30	Pass
		Outer_Full	26.30	/	/	23.50	/	/	<=30	Pass
		Inner_Full	26.81	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Left	26.74	/	/	23.94	/	/	<=30	Pass
		Inner_1RB_Right	26.69	/	/	23.89	/	/	<=30	Pass
	3972.48	Edge_1RB_Left	23.30	/	/	20.50	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	20.54	/	/	<=30	Pass
		Outer_Full	26.07	/	/	23.27	/	/	<=30	Pass
		Inner_Full	26.58	/	/	23.78	/	/	<=30	Pass
		Inner_1RB_Left	26.47	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Right	26.44	/	/	23.64	/	/	<=30	Pass
DFT-s-OFDM QPSK	3707.52	Edge_1RB_Left	22.91	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	23.06	/	/	20.26	/	/	<=30	Pass
		Outer_Full	25.46	/	/	22.66	/	/	<=30	Pass
		Inner_Full	26.31	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	26.26	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Right	26.46	/	/	23.66	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.32	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	23.41	/	/	20.61	/	/	<=30	Pass
		Outer_Full	25.81	/	/	23.01	/	/	<=30	Pass
		Inner_Full	26.81	/	/	24.01	/	/	<=30	Pass
		Inner_1RB_Left	26.70	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Right	26.72	/	/	23.92	/	/	<=30	Pass
	3972.48	Edge_1RB_Left	23.35	/	/	20.55	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	20.56	/	/	<=30	Pass
		Outer_Full	25.80	/	/	23.00	/	/	<=30	Pass
		Inner_Full	26.59	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Left	26.49	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Right	26.48	/	/	23.68	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3707.52	Edge_1RB_Left	22.77	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.79	/	/	19.99	/	/	<=30	Pass
		Outer_Full	24.44	/	/	21.64	/	/	<=30	Pass
		Inner_Full	25.46	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Left	25.15	/	/	22.35	/	/	<=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 bandwidth (3840, 3972.48, 3707.52).



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CP-OFDM QPSK	3707.52	Edge_1RB_Left	22.80	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.94	/	/	20.14	/	/	<=30	Pass
		Outer_Full	23.39	/	/	20.59	/	/	<=30	Pass
		Inner_Full	24.96	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Left	24.74	/	/	21.94	/	/	<=30	Pass
	Inner_1RB_Right	24.80	/	/	22.00	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.10	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	23.18	/	/	20.38	/	/	<=30	Pass
		Outer_Full	23.75	/	/	20.95	/	/	<=30	Pass
		Inner_Full	25.24	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Left	25.10	/	/	22.30	/	/	<=30	Pass
	Inner_1RB_Right	25.06	/	/	22.26	/	/	<=30	Pass	
	3972.48	Edge_1RB_Left	23.06	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	23.24	/	/	20.44	/	/	<=30	Pass
		Outer_Full	23.81	/	/	21.01	/	/	<=30	Pass
Inner_Full		25.34	/	/	22.54	/	/	<=30	Pass	
Inner_1RB_Left		25.04	/	/	22.24	/	/	<=30	Pass	
Inner_1RB_Right	25.07	/	/	22.27	/	/	<=30	Pass		
CP-OFDM 16 QAM	3707.52	Edge_1RB_Left	22.74	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	22.92	/	/	20.12	/	/	<=30	Pass
		Outer_Full	23.42	/	/	20.62	/	/	<=30	Pass
		Inner_Full	24.37	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Left	24.31	/	/	21.51	/	/	<=30	Pass
	Inner_1RB_Right	24.42	/	/	21.62	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.12	/	/	20.32	/	/	<=30	Pass
		Edge_1RB_Right	23.17	/	/	20.37	/	/	<=30	Pass
		Outer_Full	23.83	/	/	21.03	/	/	<=30	Pass
		Inner_Full	24.77	/	/	21.97	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	21.88	/	/	<=30	Pass
	Inner_1RB_Right	24.71	/	/	21.91	/	/	<=30	Pass	
	3972.48	Edge_1RB_Left	23.22	/	/	20.42	/	/	<=30	Pass
		Edge_1RB_Right	23.14	/	/	20.34	/	/	<=30	Pass
		Outer_Full	23.85	/	/	21.05	/	/	<=30	Pass
Inner_Full		24.67	/	/	21.87	/	/	<=30	Pass	
Inner_1RB_Left		24.58	/	/	21.78	/	/	<=30	Pass	
Inner_1RB_Right	24.59	/	/	21.79	/	/	<=30	Pass		
CP-OFDM 64 QAM	3707.52	Edge_1RB_Left	23.06	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	23.12	/	/	20.32	/	/	<=30	Pass
		Outer_Full	22.90	/	/	20.10	/	/	<=30	Pass
		Inner_Full	22.98	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Left	22.91	/	/	20.11	/	/	<=30	Pass
	Inner_1RB_Right	23.04	/	/	20.24	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.34	/	/	20.54	/	/	<=30	Pass
		Edge_1RB_Right	23.35	/	/	20.55	/	/	<=30	Pass
		Outer_Full	23.29	/	/	20.49	/	/	<=30	Pass
		Inner_Full	23.35	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	20.40	/	/	<=30	Pass
	Inner_1RB_Right	23.33	/	/	20.53	/	/	<=30	Pass	
	3972.48	Edge_1RB_Left	23.49	/	/	20.69	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	23.53	/	/	20.73	/	/	<=30	Pass
		Outer_Full	23.37	/	/	20.57	/	/	<=30	Pass
		Inner_Full	23.34	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	20.69	/	/	<=30	Pass
	3707.52	Edge_1RB_Left	19.87	/	/	17.07	/	/	<=30	Pass
		Edge_1RB_Right	20.08	/	/	17.28	/	/	<=30	Pass
		Outer_Full	20.03	/	/	17.23	/	/	<=30	Pass
		Inner_Full	20.00	/	/	17.20	/	/	<=30	Pass
		Inner_1RB_Left	19.92	/	/	17.12	/	/	<=30	Pass
	3840	Inner_1RB_Right	20.05	/	/	17.25	/	/	<=30	Pass
		Edge_1RB_Left	20.34	/	/	17.54	/	/	<=30	Pass
		Edge_1RB_Right	20.41	/	/	17.61	/	/	<=30	Pass
		Outer_Full	20.41	/	/	17.61	/	/	<=30	Pass
		Inner_Full	20.40	/	/	17.60	/	/	<=30	Pass
	3972.48	Inner_1RB_Left	20.42	/	/	17.62	/	/	<=30	Pass
		Inner_1RB_Right	20.45	/	/	17.65	/	/	<=30	Pass
		Edge_1RB_Left	20.41	/	/	17.61	/	/	<=30	Pass
		Edge_1RB_Right	20.43	/	/	17.63	/	/	<=30	Pass
		Outer_Full	20.35	/	/	17.55	/	/	<=30	Pass
		Inner_Full	20.44	/	/	17.64	/	/	<=30	Pass
		Inner_1RB_Left	20.40	/	/	17.60	/	/	<=30	Pass
		Inner_1RB_Right	20.39	/	/	17.59	/	/	<=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 n77a 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	22.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	23.16	/	/	20.36	/	/	<=30	Pass
		Outer_Full	25.51	/	/	22.71	/	/	<=30	Pass
		Inner_Full	26.44	/	/	23.64	/	/	<=30	Pass
		Inner_1RB_Left	26.41	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Right	26.57	/	/	23.77	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.28	/	/	20.48	/	/	<=30	Pass
		Edge_1RB_Right	23.31	/	/	20.51	/	/	<=30	Pass
		Outer_Full	26.39	/	/	23.59	/	/	<=30	Pass
		Inner_Full	26.77	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Left	26.62	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Right	26.78	/	/	23.98	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	23.26	/	/	20.46	/	/	<=30	Pass
		Edge_1RB_Right	23.32	/	/	20.52	/	/	<=30	Pass
		Outer_Full	26.09	/	/	23.29	/	/	<=30	Pass
		Inner_Full	26.54	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Left	26.46	/	/	23.66	/	/	<=30	Pass
		Inner_1RB_Right	26.44	/	/	23.64	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Edge_1RB_Left	22.95	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	23.07	/	/	20.27	/	/	<=30	Pass
		Outer_Full	25.50	/	/	22.70	/	/	<=30	Pass
		Inner_Full	26.54	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Left	26.30	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Right	26.54	/	/	23.74	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.33	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	20.56	/	/	<=30	Pass
		Outer_Full	25.85	/	/	23.05	/	/	<=30	Pass
		Inner_Full	26.82	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Left	26.76	/	/	23.96	/	/	<=30	Pass
		Inner_1RB_Right	26.80	/	/	24.00	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	23.32	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	20.56	/	/	<=30	Pass
		Outer_Full	25.80	/	/	23.00	/	/	<=30	Pass
		Inner_Full	26.64	/	/	23.84	/	/	<=30	Pass
		Inner_1RB_Left	26.40	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	26.57	/	/	23.77	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.80	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	22.88	/	/	20.08	/	/	<=30	Pass
		Outer_Full	24.49	/	/	21.69	/	/	<=30	Pass
		Inner_Full	25.49	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Left	25.24	/	/	22.44	/	/	<=30	Pass



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	3840	Inner_1RB_Right	25.46	/	/	22.66	/	/	<=30	Pass
		Edge_1RB_Left	23.16	/	/	20.36	/	/	<=30	Pass
		Edge_1RB_Right	23.15	/	/	20.35	/	/	<=30	Pass
		Outer_Full	24.82	/	/	22.02	/	/	<=30	Pass
		Inner_Full	25.76	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Left	25.70	/	/	22.90	/	/	<=30	Pass
		Inner_1RB_Right	25.62	/	/	22.82	/	/	<=30	Pass
	3969.99	Edge_1RB_Left	23.11	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Right	23.22	/	/	20.42	/	/	<=30	Pass
		Outer_Full	24.77	/	/	21.97	/	/	<=30	Pass
		Inner_Full	25.82	/	/	23.02	/	/	<=30	Pass
		Inner_1RB_Left	25.47	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Right	25.58	/	/	22.78	/	/	<=30	Pass
		DFT-s-OFDM 64 QAM	3710.01	Edge_1RB_Left	22.87	/	/	20.07	/	/
Edge_1RB_Right	23.09			/	/	20.29	/	/	<=30	Pass
Outer_Full	23.96			/	/	21.16	/	/	<=30	Pass
Inner_Full	24.04			/	/	21.24	/	/	<=30	Pass
Inner_1RB_Left	23.96			/	/	21.16	/	/	<=30	Pass
Inner_1RB_Right	24.10			/	/	21.30	/	/	<=30	Pass
3840	Edge_1RB_Left			23.34	/	/	20.54	/	/	<=30
	Edge_1RB_Right		23.36	/	/	20.56	/	/	<=30	Pass
	Outer_Full		24.24	/	/	21.44	/	/	<=30	Pass
	Inner_Full		24.32	/	/	21.52	/	/	<=30	Pass
	Inner_1RB_Left		24.31	/	/	21.51	/	/	<=30	Pass
	Inner_1RB_Right		24.43	/	/	21.63	/	/	<=30	Pass
	3969.99		Edge_1RB_Left	23.23	/	/	20.43	/	/	<=30
Edge_1RB_Right			23.38	/	/	20.58	/	/	<=30	Pass
Outer_Full		24.30	/	/	21.50	/	/	<=30	Pass	
Inner_Full		24.31	/	/	21.51	/	/	<=30	Pass	
Inner_1RB_Left		24.40	/	/	21.60	/	/	<=30	Pass	
Inner_1RB_Right		24.37	/	/	21.57	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM		3710.01	Edge_1RB_Left	21.87	/	/	19.07	/	/	<=30
	Edge_1RB_Right		22.08	/	/	19.28	/	/	<=30	Pass
	Outer_Full		21.96	/	/	19.16	/	/	<=30	Pass
	Inner_Full		22.11	/	/	19.31	/	/	<=30	Pass
	Inner_1RB_Left		21.86	/	/	19.06	/	/	<=30	Pass
	Inner_1RB_Right		22.04	/	/	19.24	/	/	<=30	Pass
	3840		Edge_1RB_Left	22.29	/	/	19.49	/	/	<=30
		Edge_1RB_Right	22.28	/	/	19.48	/	/	<=30	Pass
		Outer_Full	22.27	/	/	19.47	/	/	<=30	Pass
		Inner_Full	22.32	/	/	19.52	/	/	<=30	Pass
		Inner_1RB_Left	22.31	/	/	19.51	/	/	<=30	Pass
		Inner_1RB_Right	22.27	/	/	19.47	/	/	<=30	Pass
		3969.99	Edge_1RB_Left	22.30	/	/	19.50	/	/	<=30
	Edge_1RB_Right		22.37	/	/	19.57	/	/	<=30	Pass
Outer_Full	22.30		/	/	19.50	/	/	<=30	Pass	
Inner_Full	22.31		/	/	19.51	/	/	<=30	Pass	
Inner_1RB_Left	22.29		/	/	19.49	/	/	<=30	Pass	
Inner_1RB_Right	22.34		/	/	19.54	/	/	<=30	Pass	



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CP-OFDM QPSK	3710.01	Edge_1RB_Left	22.77	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	20.18	/	/	<=30	Pass
		Outer_Full	23.36	/	/	20.56	/	/	<=30	Pass
		Inner_Full	24.96	/	/	22.16	/	/	<=30	Pass
		Inner_1RB_Left	24.79	/	/	21.99	/	/	<=30	Pass
	Inner_1RB_Right	24.88	/	/	22.08	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.19	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	23.24	/	/	20.44	/	/	<=30	Pass
		Outer_Full	23.80	/	/	21.00	/	/	<=30	Pass
		Inner_Full	25.27	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	25.14	/	/	22.34	/	/	<=30	Pass
	Inner_1RB_Right	25.10	/	/	22.30	/	/	<=30	Pass	
	3969.99	Edge_1RB_Left	23.06	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	23.14	/	/	20.34	/	/	<=30	Pass
		Outer_Full	23.72	/	/	20.92	/	/	<=30	Pass
Inner_Full		25.23	/	/	22.43	/	/	<=30	Pass	
Inner_1RB_Left		25.13	/	/	22.33	/	/	<=30	Pass	
Inner_1RB_Right	25.03	/	/	22.23	/	/	<=30	Pass		
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.77	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	22.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	23.52	/	/	20.72	/	/	<=30	Pass
		Inner_Full	24.54	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	21.47	/	/	<=30	Pass
	Inner_1RB_Right	24.48	/	/	21.68	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.08	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	23.25	/	/	20.45	/	/	<=30	Pass
		Outer_Full	23.81	/	/	21.01	/	/	<=30	Pass
		Inner_Full	24.80	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Left	24.68	/	/	21.88	/	/	<=30	Pass
	Inner_1RB_Right	24.72	/	/	21.92	/	/	<=30	Pass	
	3969.99	Edge_1RB_Left	23.02	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	23.28	/	/	20.48	/	/	<=30	Pass
		Outer_Full	23.83	/	/	21.03	/	/	<=30	Pass
Inner_Full		24.87	/	/	22.07	/	/	<=30	Pass	
Inner_1RB_Left		24.68	/	/	21.88	/	/	<=30	Pass	
Inner_1RB_Right	24.55	/	/	21.75	/	/	<=30	Pass		
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	23.05	/	/	20.25	/	/	<=30	Pass
		Edge_1RB_Right	23.22	/	/	20.42	/	/	<=30	Pass
		Outer_Full	22.98	/	/	20.18	/	/	<=30	Pass
		Inner_Full	23.11	/	/	20.31	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	20.26	/	/	<=30	Pass
	Inner_1RB_Right	23.20	/	/	20.40	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.22	/	/	20.42	/	/	<=30	Pass
		Edge_1RB_Right	23.39	/	/	20.59	/	/	<=30	Pass
		Outer_Full	23.31	/	/	20.51	/	/	<=30	Pass
		Inner_Full	23.39	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	20.60	/	/	<=30	Pass
	Inner_1RB_Right	23.31	/	/	20.51	/	/	<=30	Pass	
	3969.99	Edge_1RB_Left	23.36	/	/	20.56	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	23.57	/	/	20.77	/	/	<=30	Pass	
		Outer_Full	23.30	/	/	20.50	/	/	<=30	Pass	
		Inner_Full	23.34	/	/	20.54	/	/	<=30	Pass	
		Inner_1RB_Left	23.51	/	/	20.71	/	/	<=30	Pass	
		Inner_1RB_Right	23.39	/	/	20.59	/	/	<=30	Pass	
	3710.01	Edge_1RB_Left	19.86	/	/	17.06	/	/	<=30	Pass	
		Edge_1RB_Right	20.08	/	/	17.28	/	/	<=30	Pass	
		Outer_Full	19.97	/	/	17.17	/	/	<=30	Pass	
		Inner_Full	20.07	/	/	17.27	/	/	<=30	Pass	
		Inner_1RB_Left	19.93	/	/	17.13	/	/	<=30	Pass	
	3840	Inner_1RB_Right	20.06	/	/	17.26	/	/	<=30	Pass	
		Edge_1RB_Left	20.36	/	/	17.56	/	/	<=30	Pass	
		Edge_1RB_Right	20.39	/	/	17.59	/	/	<=30	Pass	
		Outer_Full	20.42	/	/	17.62	/	/	<=30	Pass	
		Inner_Full	20.41	/	/	17.61	/	/	<=30	Pass	
	3969.99	Inner_1RB_Left	20.38	/	/	17.58	/	/	<=30	Pass	
		Inner_1RB_Right	20.36	/	/	17.56	/	/	<=30	Pass	
		Edge_1RB_Left	20.35	/	/	17.55	/	/	<=30	Pass	
		Edge_1RB_Right	20.42	/	/	17.62	/	/	<=30	Pass	
		Outer_Full	20.36	/	/	17.56	/	/	<=30	Pass	
			Inner_Full	20.36	/	/	17.56	/	/	<=30	Pass
			Inner_1RB_Left	20.36	/	/	17.56	/	/	<=30	Pass
			Inner_1RB_Right	20.39	/	/	17.59	/	/	<=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 n77a 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	23.02	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	23.13	/	/	20.33	/	/	<=30	Pass
		Outer_Full	25.65	/	/	22.85	/	/	<=30	Pass
		Inner_Full	26.52	/	/	23.72	/	/	<=30	Pass
		Inner_1RB_Left	26.31	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Right	26.62	/	/	23.82	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.22	/	/	20.42	/	/	<=30	Pass
		Edge_1RB_Right	23.24	/	/	20.44	/	/	<=30	Pass
		Outer_Full	26.32	/	/	23.52	/	/	<=30	Pass
		Inner_Full	26.79	/	/	23.99	/	/	<=30	Pass
		Inner_1RB_Left	26.63	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Right	26.68	/	/	23.88	/	/	<=30	Pass
	3967.5	Edge_1RB_Left	23.12	/	/	20.32	/	/	<=30	Pass
		Edge_1RB_Right	23.20	/	/	20.40	/	/	<=30	Pass
		Outer_Full	26.14	/	/	23.34	/	/	<=30	Pass
		Inner_Full	26.53	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Left	26.32	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Right	26.55	/	/	23.75	/	/	<=30	Pass
DFT-s-OFDM QPSK	3712.5	Edge_1RB_Left	22.93	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	23.09	/	/	20.29	/	/	<=30	Pass
		Outer_Full	25.56	/	/	22.76	/	/	<=30	Pass
		Inner_Full	26.53	/	/	23.73	/	/	<=30	Pass
		Inner_1RB_Left	26.36	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Right	26.47	/	/	23.67	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.24	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	23.32	/	/	20.52	/	/	<=30	Pass
		Outer_Full	25.90	/	/	23.10	/	/	<=30	Pass
		Inner_Full	26.77	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Left	26.66	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Right	26.61	/	/	23.81	/	/	<=30	Pass
	3967.5	Edge_1RB_Left	23.22	/	/	20.42	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	20.56	/	/	<=30	Pass
		Outer_Full	25.56	/	/	22.76	/	/	<=30	Pass
		Inner_Full	26.60	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Left	26.31	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Right	26.50	/	/	23.70	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3712.5	Edge_1RB_Left	22.75	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	20.18	/	/	<=30	Pass
		Outer_Full	24.45	/	/	21.65	/	/	<=30	Pass
		Inner_Full	25.54	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Left	25.25	/	/	22.45	/	/	<=30	Pass



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Table with columns for test parameters (Inner_1RB_Right, Edge_1RB_Left, etc.), values, and pass/fail status. Rows are grouped by test type (DFT-s-OFDM 64 QAM, DFT-s-OFDM 256 QAM) and modulation (3840, 3967.5, 3712.5).



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Table with columns for Modulation (CP-OFDM QPSK, CP-OFDM 16 QAM, CP-OFDM 64 QAM), Bandwidth (3712.5, 3840, 3967.5), and various signal parameters (Edge_1RB_Left, Edge_1RB_Right, Outer_Full, Inner_Full, Inner_1RB_Left, Inner_1RB_Right) with their respective values and pass/fail status.



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CP-OFDM 256 QAM		Edge_1RB_Right	23.46	/	/	20.66	/	/	<=30	Pass
		Outer_Full	23.23	/	/	20.43	/	/	<=30	Pass
		Inner_Full	23.26	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	20.59	/	/	<=30	Pass
	3712.5	Edge_1RB_Left	19.92	/	/	17.12	/	/	<=30	Pass
		Edge_1RB_Right	20.10	/	/	17.30	/	/	<=30	Pass
		Outer_Full	20.05	/	/	17.25	/	/	<=30	Pass
		Inner_Full	19.99	/	/	17.19	/	/	<=30	Pass
		Inner_1RB_Left	19.90	/	/	17.10	/	/	<=30	Pass
	3840	Inner_1RB_Right	20.06	/	/	17.26	/	/	<=30	Pass
		Edge_1RB_Left	20.31	/	/	17.51	/	/	<=30	Pass
		Edge_1RB_Right	20.33	/	/	17.53	/	/	<=30	Pass
		Outer_Full	20.33	/	/	17.53	/	/	<=30	Pass
		Inner_Full	20.30	/	/	17.50	/	/	<=30	Pass
	3967.5	Inner_1RB_Left	20.36	/	/	17.56	/	/	<=30	Pass
		Inner_1RB_Right	20.34	/	/	17.54	/	/	<=30	Pass
		Edge_1RB_Left	20.18	/	/	17.38	/	/	<=30	Pass
		Edge_1RB_Right	20.28	/	/	17.48	/	/	<=30	Pass
		Outer_Full	20.32	/	/	17.52	/	/	<=30	Pass
	Inner_Full	20.35	/	/	17.55	/	/	<=30	Pass	
	Inner_1RB_Left	20.22	/	/	17.42	/	/	<=30	Pass	
	Inner_1RB_Right	20.35	/	/	17.55	/	/	<=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 n77a 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	22.79	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Right	23.21	/	/	20.41	/	/	<=30	Pass
		Outer_Full	25.49	/	/	22.69	/	/	<=30	Pass
		Inner_Full	26.49	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Right	26.69	/	/	23.89	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.20	/	/	20.40	/	/	<=30	Pass
		Edge_1RB_Right	23.29	/	/	20.49	/	/	<=30	Pass
		Outer_Full	26.37	/	/	23.57	/	/	<=30	Pass
		Inner_Full	26.88	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Left	26.72	/	/	23.92	/	/	<=30	Pass
		Inner_1RB_Right	26.61	/	/	23.81	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	23.30	/	/	20.50	/	/	<=30	Pass
		Edge_1RB_Right	23.33	/	/	20.53	/	/	<=30	Pass
		Outer_Full	26.19	/	/	23.39	/	/	<=30	Pass
		Inner_Full	26.72	/	/	23.92	/	/	<=30	Pass
		Inner_1RB_Left	26.54	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Right	26.53	/	/	23.73	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	22.84	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	23.23	/	/	20.43	/	/	<=30	Pass
		Outer_Full	25.51	/	/	22.71	/	/	<=30	Pass
		Inner_Full	26.43	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Left	26.21	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	26.60	/	/	23.80	/	/	<=30	Pass
	3840	Edge_1RB_Left	23.23	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	20.56	/	/	<=30	Pass
		Outer_Full	25.88	/	/	23.08	/	/	<=30	Pass
		Inner_Full	26.83	/	/	24.03	/	/	<=30	Pass
		Inner_1RB_Left	26.75	/	/	23.95	/	/	<=30	Pass
		Inner_1RB_Right	26.73	/	/	23.93	/	/	<=30	Pass
	3964.98	Edge_1RB_Left	23.35	/	/	20.55	/	/	<=30	Pass
		Edge_1RB_Right	23.34	/	/	20.54	/	/	<=30	Pass
		Outer_Full	25.69	/	/	22.89	/	/	<=30	Pass
		Inner_Full	26.67	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Left	26.56	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Right	26.53	/	/	23.73	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Edge_1RB_Left	22.68	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	23.03	/	/	20.23	/	/	<=30	Pass
		Outer_Full	24.46	/	/	21.66	/	/	<=30	Pass
		Inner_Full	25.50	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Left	25.14	/	/	22.34	/	/	<=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 frequency (3840, 3964.98, 3715.02).



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CP-OFDM QPSK	3715.02	Edge_1RB_Left	22.65	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	23.15	/	/	20.35	/	/	<=30	Pass
		Outer_Full	23.51	/	/	20.71	/	/	<=30	Pass
		Inner_Full	24.92	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	21.86	/	/	<=30	Pass
	Inner_1RB_Right	25.05	/	/	22.25	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.17	/	/	20.37	/	/	<=30	Pass
		Edge_1RB_Right	23.26	/	/	20.46	/	/	<=30	Pass
		Outer_Full	23.81	/	/	21.01	/	/	<=30	Pass
		Inner_Full	25.26	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Left	25.05	/	/	22.25	/	/	<=30	Pass
	Inner_1RB_Right	24.96	/	/	22.16	/	/	<=30	Pass	
	3964.98	Edge_1RB_Left	23.25	/	/	20.45	/	/	<=30	Pass
		Edge_1RB_Right	23.09	/	/	20.29	/	/	<=30	Pass
		Outer_Full	23.87	/	/	21.07	/	/	<=30	Pass
Inner_Full		25.31	/	/	22.51	/	/	<=30	Pass	
Inner_1RB_Left		25.05	/	/	22.25	/	/	<=30	Pass	
Inner_1RB_Right	24.99	/	/	22.19	/	/	<=30	Pass		
CP-OFDM 16 QAM	3715.02	Edge_1RB_Left	22.70	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	20.18	/	/	<=30	Pass
		Outer_Full	23.51	/	/	20.71	/	/	<=30	Pass
		Inner_Full	24.54	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Left	24.07	/	/	21.27	/	/	<=30	Pass
	Inner_1RB_Right	24.50	/	/	21.70	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.14	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	23.31	/	/	20.51	/	/	<=30	Pass
		Outer_Full	23.75	/	/	20.95	/	/	<=30	Pass
		Inner_Full	24.80	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Left	24.67	/	/	21.87	/	/	<=30	Pass
	Inner_1RB_Right	24.59	/	/	21.79	/	/	<=30	Pass	
	3964.98	Edge_1RB_Left	23.13	/	/	20.33	/	/	<=30	Pass
		Edge_1RB_Right	23.19	/	/	20.39	/	/	<=30	Pass
		Outer_Full	23.84	/	/	21.04	/	/	<=30	Pass
Inner_Full		24.87	/	/	22.07	/	/	<=30	Pass	
Inner_1RB_Left		24.65	/	/	21.85	/	/	<=30	Pass	
Inner_1RB_Right	24.52	/	/	21.72	/	/	<=30	Pass		
CP-OFDM 64 QAM	3715.02	Edge_1RB_Left	22.94	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	23.36	/	/	20.56	/	/	<=30	Pass
		Outer_Full	23.01	/	/	20.21	/	/	<=30	Pass
		Inner_Full	23.01	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Left	22.92	/	/	20.12	/	/	<=30	Pass
	Inner_1RB_Right	23.27	/	/	20.47	/	/	<=30	Pass	
	3840	Edge_1RB_Left	23.27	/	/	20.47	/	/	<=30	Pass
		Edge_1RB_Right	23.26	/	/	20.46	/	/	<=30	Pass
		Outer_Full	23.29	/	/	20.49	/	/	<=30	Pass
		Inner_Full	23.35	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Left	23.30	/	/	20.50	/	/	<=30	Pass
	Inner_1RB_Right	23.32	/	/	20.52	/	/	<=30	Pass	
	3964.98	Edge_1RB_Left	23.35	/	/	20.55	/	/	<=30	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	23.29	/	/	20.49	/	/	<=30	Pass
		Outer_Full	23.35	/	/	20.55	/	/	<=30	Pass
		Inner_Full	23.37	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	20.65	/	/	<=30	Pass
	3715.02	Edge_1RB_Left	19.83	/	/	17.03	/	/	<=30	Pass
		Edge_1RB_Right	20.22	/	/	17.42	/	/	<=30	Pass
		Outer_Full	20.06	/	/	17.26	/	/	<=30	Pass
		Inner_Full	19.96	/	/	17.16	/	/	<=30	Pass
		Inner_1RB_Left	19.79	/	/	16.99	/	/	<=30	Pass
	3840	Inner_1RB_Right	20.22	/	/	17.42	/	/	<=30	Pass
		Edge_1RB_Left	20.29	/	/	17.49	/	/	<=30	Pass
		Edge_1RB_Right	20.34	/	/	17.54	/	/	<=30	Pass
		Outer_Full	20.31	/	/	17.51	/	/	<=30	Pass
		Inner_Full	20.37	/	/	17.57	/	/	<=30	Pass
	3964.98	Inner_1RB_Left	20.34	/	/	17.54	/	/	<=30	Pass
		Inner_1RB_Right	20.36	/	/	17.56	/	/	<=30	Pass
		Edge_1RB_Left	20.37	/	/	17.57	/	/	<=30	Pass
		Edge_1RB_Right	20.39	/	/	17.59	/	/	<=30	Pass
		Outer_Full	20.40	/	/	17.60	/	/	<=30	Pass
		Inner_Full	20.43	/	/	17.63	/	/	<=30	Pass
		Inner_1RB_Left	20.44	/	/	17.64	/	/	<=30	Pass
		Inner_1RB_Right	20.38	/	/	17.58	/	/	<=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 n77a 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	22.90	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	23.30	/	/	20.50	/	/	<=30	Pass
		Outer_Full	25.56	/	/	22.76	/	/	<=30	Pass
		Inner_Full	26.65	/	/	23.85	/	/	<=30	Pass
		Inner_1RB_Left	26.40	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Right	26.74	/	/	23.94	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.33	/	/	18.53	/	/	<=30	Pass
		Edge_1RB_Right	21.25	/	/	18.45	/	/	<=30	Pass
		Outer_Full	24.58	/	/	21.78	/	/	<=30	Pass
		Inner_Full	25.05	/	/	22.25	/	/	<=30	Pass
		Inner_1RB_Left	24.85	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Right	24.79	/	/	21.99	/	/	<=30	Pass
	3960	Edge_1RB_Left	21.29	/	/	18.49	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	18.70	/	/	<=30	Pass
		Outer_Full	24.15	/	/	21.35	/	/	<=30	Pass
		Inner_Full	24.68	/	/	21.88	/	/	<=30	Pass
		Inner_1RB_Left	24.54	/	/	21.74	/	/	<=30	Pass
		Inner_1RB_Right	24.66	/	/	21.86	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	22.90	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	23.27	/	/	20.47	/	/	<=30	Pass
		Outer_Full	25.60	/	/	22.80	/	/	<=30	Pass
		Inner_Full	26.57	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Left	26.27	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	26.66	/	/	23.86	/	/	<=30	Pass
	3840	Edge_1RB_Left	21.31	/	/	18.51	/	/	<=30	Pass
		Edge_1RB_Right	21.29	/	/	18.49	/	/	<=30	Pass
		Outer_Full	24.14	/	/	21.34	/	/	<=30	Pass
		Inner_Full	25.11	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Left	24.98	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	22.09	/	/	<=30	Pass
	3960	Edge_1RB_Left	21.39	/	/	18.59	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	18.71	/	/	<=30	Pass
		Outer_Full	23.65	/	/	20.85	/	/	<=30	Pass
		Inner_Full	24.73	/	/	21.93	/	/	<=30	Pass
		Inner_1RB_Left	24.39	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	24.72	/	/	21.92	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Edge_1RB_Left	22.70	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	23.13	/	/	20.33	/	/	<=30	Pass
		Outer_Full	24.59	/	/	21.79	/	/	<=30	Pass
		Inner_Full	25.58	/	/	22.78	/	/	<=30	Pass
		Inner_1RB_Left	25.27	/	/	22.47	/	/	<=30	Pass



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	3840	Inner_1RB_Right	25.62	/	/	22.82	/	/	<=30	Pass
		Edge_1RB_Left	21.24	/	/	18.44	/	/	<=30	Pass
		Edge_1RB_Right	21.50	/	/	18.70	/	/	<=30	Pass
		Outer_Full	23.01	/	/	20.21	/	/	<=30	Pass
		Inner_Full	23.98	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Right	23.88	/	/	21.08	/	/	<=30	Pass
	3960	Edge_1RB_Left	21.36	/	/	18.56	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	18.71	/	/	<=30	Pass
		Outer_Full	22.87	/	/	20.07	/	/	<=30	Pass
		Inner_Full	23.82	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	23.84	/	/	21.04	/	/	<=30	Pass
		DFT-s-OFDM 64 QAM	3720	Edge_1RB_Left	22.89	/	/	20.09	/	/
Edge_1RB_Right	23.30			/	/	20.50	/	/	<=30	Pass
Outer_Full	24.09			/	/	21.29	/	/	<=30	Pass
Inner_Full	24.08			/	/	21.28	/	/	<=30	Pass
Inner_1RB_Left	23.88			/	/	21.08	/	/	<=30	Pass
Inner_1RB_Right	24.31			/	/	21.51	/	/	<=30	Pass
3840	Edge_1RB_Left			21.33	/	/	18.53	/	/	<=30
	Edge_1RB_Right		21.45	/	/	18.65	/	/	<=30	Pass
	Outer_Full		22.50	/	/	19.70	/	/	<=30	Pass
	Inner_Full		22.46	/	/	19.66	/	/	<=30	Pass
	Inner_1RB_Left		22.35	/	/	19.55	/	/	<=30	Pass
	Inner_1RB_Right		22.59	/	/	19.79	/	/	<=30	Pass
	3960		Edge_1RB_Left	21.53	/	/	18.73	/	/	<=30
Edge_1RB_Right			21.68	/	/	18.88	/	/	<=30	Pass
Outer_Full		22.52	/	/	19.72	/	/	<=30	Pass	
Inner_Full		22.53	/	/	19.73	/	/	<=30	Pass	
Inner_1RB_Left		22.43	/	/	19.63	/	/	<=30	Pass	
Inner_1RB_Right		22.47	/	/	19.67	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM		3720	Edge_1RB_Left	21.83	/	/	19.03	/	/	<=30
	Edge_1RB_Right		22.19	/	/	19.39	/	/	<=30	Pass
	Outer_Full		22.09	/	/	19.29	/	/	<=30	Pass
	Inner_Full		22.06	/	/	19.26	/	/	<=30	Pass
	Inner_1RB_Left		21.84	/	/	19.04	/	/	<=30	Pass
	Inner_1RB_Right		22.18	/	/	19.38	/	/	<=30	Pass
	3840		Edge_1RB_Left	20.38	/	/	17.58	/	/	<=30
		Edge_1RB_Right	20.49	/	/	17.69	/	/	<=30	Pass
		Outer_Full	20.59	/	/	17.79	/	/	<=30	Pass
		Inner_Full	20.50	/	/	17.70	/	/	<=30	Pass
		Inner_1RB_Left	20.42	/	/	17.62	/	/	<=30	Pass
		Inner_1RB_Right	20.51	/	/	17.71	/	/	<=30	Pass
		3960	Edge_1RB_Left	20.38	/	/	17.58	/	/	<=30
	Edge_1RB_Right		20.57	/	/	17.77	/	/	<=30	Pass
Outer_Full	20.59		/	/	17.79	/	/	<=30	Pass	
Inner_Full	20.51		/	/	17.71	/	/	<=30	Pass	
Inner_1RB_Left	20.17		/	/	17.37	/	/	<=30	Pass	
Inner_1RB_Right	20.37		/	/	17.57	/	/	<=30	Pass	



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Table with columns for Modulation Type, Bandwidth, and various signal parameters (Edge, Outer, Inner, 1RB Left/Right) with their respective values and pass/fail status.



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CP-OFDM 256 QAM		Edge_1RB_Right	21.61	/	/	18.81	/	/	<=30	Pass	
		Outer_Full	21.54	/	/	18.74	/	/	<=30	Pass	
		Inner_Full	21.57	/	/	18.77	/	/	<=30	Pass	
		Inner_1RB_Left	21.27	/	/	18.47	/	/	<=30	Pass	
		Inner_1RB_Right	21.67	/	/	18.87	/	/	<=30	Pass	
	3720	Edge_1RB_Left	17.93	/	/	15.13	/	/	<=30	Pass	
		Edge_1RB_Right	18.28	/	/	15.48	/	/	<=30	Pass	
		Outer_Full	18.30	/	/	15.50	/	/	<=30	Pass	
		Inner_Full	18.35	/	/	15.55	/	/	<=30	Pass	
		Inner_1RB_Left	18.11	/	/	15.31	/	/	<=30	Pass	
		Inner_1RB_Right	18.55	/	/	15.75	/	/	<=30	Pass	
		3840	Edge_1RB_Left	18.28	/	/	15.48	/	/	<=30	Pass
			Edge_1RB_Right	18.61	/	/	15.81	/	/	<=30	Pass
			Outer_Full	18.53	/	/	15.73	/	/	<=30	Pass
			Inner_Full	18.53	/	/	15.73	/	/	<=30	Pass
	Inner_1RB_Left		18.27	/	/	15.47	/	/	<=30	Pass	
	3960	Inner_1RB_Right	18.61	/	/	15.81	/	/	<=30	Pass	
		Edge_1RB_Left	18.39	/	/	15.59	/	/	<=30	Pass	
		Edge_1RB_Right	18.36	/	/	15.56	/	/	<=30	Pass	
		Outer_Full	18.54	/	/	15.74	/	/	<=30	Pass	
		Inner_Full	18.39	/	/	15.59	/	/	<=30	Pass	
Inner_1RB_Left		18.39	/	/	15.59	/	/	<=30	Pass		
		Inner_1RB_Right	18.63	/	/	15.83	/	/	<=30	Pass	

Note1: Antenna Gain: Ant5: -2.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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