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Appendix B.19

NR Band n7



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Wireless Laboratory

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1. Effective (Isotropic) Radiated Power Output Data

1.1 15k_SISO_5MHz_NTNV_EIRP

1.1.1 Test Result

5G NR n7 SCS=15kHz SISO 5MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2502.5	Edge_1RB_Left	24.69	/	/	25.99	/	/	<=33	Pass
		Edge_1RB_Right	24.77	/	/	26.07	/	/	<=33	Pass
		Outer_Full	24.84	/	/	26.14	/	/	<=33	Pass
		Inner_Full	25.34	/	/	26.64	/	/	<=33	Pass
		Inner_1RB_Left	25.22	/	/	26.52	/	/	<=33	Pass
		Inner_1RB_Right	25.27	/	/	26.57	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.56	/	/	25.86	/	/	<=33	Pass
		Edge_1RB_Right	24.50	/	/	25.80	/	/	<=33	Pass
		Outer_Full	24.64	/	/	25.94	/	/	<=33	Pass
		Inner_Full	25.12	/	/	26.42	/	/	<=33	Pass
		Inner_1RB_Left	25.02	/	/	26.32	/	/	<=33	Pass
		Inner_1RB_Right	25.02	/	/	26.32	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	24.29	/	/	25.59	/	/	<=33	Pass
		Edge_1RB_Right	24.25	/	/	25.55	/	/	<=33	Pass
		Outer_Full	24.34	/	/	25.64	/	/	<=33	Pass
		Inner_Full	24.81	/	/	26.11	/	/	<=33	Pass
		Inner_1RB_Left	24.70	/	/	26.00	/	/	<=33	Pass
		Inner_1RB_Right	24.69	/	/	25.99	/	/	<=33	Pass
DFT-s-OFDM QPSK	2502.5	Edge_1RB_Left	24.26	/	/	25.56	/	/	<=33	Pass
		Edge_1RB_Right	24.21	/	/	25.51	/	/	<=33	Pass
		Outer_Full	24.32	/	/	25.62	/	/	<=33	Pass
		Inner_Full	25.38	/	/	26.68	/	/	<=33	Pass
		Inner_1RB_Left	25.12	/	/	26.42	/	/	<=33	Pass
		Inner_1RB_Right	25.12	/	/	26.42	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.04	/	/	25.34	/	/	<=33	Pass
		Edge_1RB_Right	23.95	/	/	25.25	/	/	<=33	Pass
		Outer_Full	24.12	/	/	25.42	/	/	<=33	Pass
		Inner_Full	24.89	/	/	26.19	/	/	<=33	Pass
		Inner_1RB_Left	24.96	/	/	26.26	/	/	<=33	Pass
		Inner_1RB_Right	24.92	/	/	26.22	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	23.76	/	/	25.06	/	/	<=33	Pass
		Edge_1RB_Right	23.75	/	/	25.05	/	/	<=33	Pass
		Outer_Full	23.81	/	/	25.11	/	/	<=33	Pass
		Inner_Full	24.91	/	/	26.21	/	/	<=33	Pass
		Inner_1RB_Left	24.62	/	/	25.92	/	/	<=33	Pass
		Inner_1RB_Right	24.60	/	/	25.90	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2502.5	Edge_1RB_Left	23.40	/	/	24.70	/	/	<=33	Pass
		Edge_1RB_Right	23.40	/	/	24.70	/	/	<=33	Pass
		Outer_Full	23.28	/	/	24.58	/	/	<=33	Pass



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		Inner_Full	24.27	/	/	25.57	/	/	<=33	Pass	
		Inner_1RB_Left	24.47	/	/	25.77	/	/	<=33	Pass	
		Inner_1RB_Right	24.49	/	/	25.79	/	/	<=33	Pass	
	2535	Edge_1RB_Left	23.22	/	/	24.52	/	/	<=33	Pass	
		Edge_1RB_Right	23.16	/	/	24.46	/	/	<=33	Pass	
		Outer_Full	23.10	/	/	24.40	/	/	<=33	Pass	
	2567.5	Inner_Full	24.06	/	/	25.36	/	/	<=33	Pass	
		Inner_1RB_Left	24.32	/	/	25.62	/	/	<=33	Pass	
		Inner_1RB_Right	24.13	/	/	25.43	/	/	<=33	Pass	
		Edge_1RB_Left	22.89	/	/	24.19	/	/	<=33	Pass	
		Edge_1RB_Right	22.93	/	/	24.23	/	/	<=33	Pass	
		Outer_Full	22.86	/	/	24.16	/	/	<=33	Pass	
	DFT-s-OFDM 64 QAM	2502.5	Inner_Full	23.77	/	/	25.07	/	/	<=33	Pass
			Inner_1RB_Left	23.95	/	/	25.25	/	/	<=33	Pass
			Inner_1RB_Right	23.99	/	/	25.29	/	/	<=33	Pass
2535		Edge_1RB_Left	23.01	/	/	24.31	/	/	<=33	Pass	
		Edge_1RB_Right	23.01	/	/	24.31	/	/	<=33	Pass	
		Outer_Full	22.90	/	/	24.20	/	/	<=33	Pass	
2567.5		Inner_Full	22.88	/	/	24.18	/	/	<=33	Pass	
		Inner_1RB_Left	22.91	/	/	24.21	/	/	<=33	Pass	
		Inner_1RB_Right	23.03	/	/	24.33	/	/	<=33	Pass	
		Edge_1RB_Left	22.76	/	/	24.06	/	/	<=33	Pass	
		Edge_1RB_Right	22.75	/	/	24.05	/	/	<=33	Pass	
		Outer_Full	22.66	/	/	23.96	/	/	<=33	Pass	
2567.5		Inner_Full	22.51	/	/	23.81	/	/	<=33	Pass	
		Inner_1RB_Left	22.78	/	/	24.08	/	/	<=33	Pass	
		Inner_1RB_Right	22.75	/	/	24.05	/	/	<=33	Pass	
	Edge_1RB_Left	22.46	/	/	23.76	/	/	<=33	Pass		
	Edge_1RB_Right	22.51	/	/	23.81	/	/	<=33	Pass		
	Outer_Full	22.34	/	/	23.64	/	/	<=33	Pass		
DFT-s-OFDM 256 QAM	2502.5	Inner_Full	22.36	/	/	23.66	/	/	<=33	Pass	
		Inner_1RB_Left	22.46	/	/	23.76	/	/	<=33	Pass	
		Inner_1RB_Right	22.44	/	/	23.74	/	/	<=33	Pass	
	2535	Edge_1RB_Left	20.99	/	/	22.29	/	/	<=33	Pass	
		Edge_1RB_Right	20.96	/	/	22.26	/	/	<=33	Pass	
		Outer_Full	21.07	/	/	22.37	/	/	<=33	Pass	
	2567.5	Inner_Full	21.08	/	/	22.38	/	/	<=33	Pass	
		Inner_1RB_Left	21.01	/	/	22.31	/	/	<=33	Pass	
		Inner_1RB_Right	20.97	/	/	22.27	/	/	<=33	Pass	
		Edge_1RB_Left	20.64	/	/	21.94	/	/	<=33	Pass	
		Edge_1RB_Right	20.57	/	/	21.87	/	/	<=33	Pass	
		Outer_Full	20.64	/	/	21.94	/	/	<=33	Pass	
	2567.5	Inner_Full	20.68	/	/	21.98	/	/	<=33	Pass	
		Inner_1RB_Left	20.55	/	/	21.85	/	/	<=33	Pass	
		Inner_1RB_Right	20.60	/	/	21.90	/	/	<=33	Pass	
2567.5	Edge_1RB_Left	20.40	/	/	21.70	/	/	<=33	Pass		
	Edge_1RB_Right	20.44	/	/	21.74	/	/	<=33	Pass		
	Outer_Full	20.47	/	/	21.77	/	/	<=33	Pass		
		Inner_Full	20.53	/	/	21.83	/	/	<=33	Pass	



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CP-OFDM QPSK	2502.5	Inner_1RB_Left	20.41	/	/	21.71	/	/	<=33	Pass	
		Inner_1RB_Right	20.45	/	/	21.75	/	/	<=33	Pass	
		Edge_1RB_Left	22.20	/	/	23.50	/	/	<=33	Pass	
		Edge_1RB_Right	22.13	/	/	23.43	/	/	<=33	Pass	
		Outer_Full	22.35	/	/	23.65	/	/	<=33	Pass	
		Inner_Full	23.79	/	/	25.09	/	/	<=33	Pass	
	2535	Inner_1RB_Left	23.61	/	/	24.91	/	/	<=33	Pass	
		Inner_1RB_Right	23.63	/	/	24.93	/	/	<=33	Pass	
		Edge_1RB_Left	21.93	/	/	23.23	/	/	<=33	Pass	
		Edge_1RB_Right	21.86	/	/	23.16	/	/	<=33	Pass	
		Outer_Full	22.09	/	/	23.39	/	/	<=33	Pass	
		Inner_Full	23.59	/	/	24.89	/	/	<=33	Pass	
	2567.5	Inner_1RB_Left	23.44	/	/	24.74	/	/	<=33	Pass	
		Inner_1RB_Right	23.46	/	/	24.76	/	/	<=33	Pass	
		Edge_1RB_Left	21.75	/	/	23.05	/	/	<=33	Pass	
		Edge_1RB_Right	21.65	/	/	22.95	/	/	<=33	Pass	
		Outer_Full	21.84	/	/	23.14	/	/	<=33	Pass	
		Inner_Full	23.32	/	/	24.62	/	/	<=33	Pass	
	CP-OFDM 16 QAM	2502.5	Inner_1RB_Left	23.12	/	/	24.42	/	/	<=33	Pass
			Inner_1RB_Right	23.12	/	/	24.42	/	/	<=33	Pass
			Edge_1RB_Left	22.24	/	/	23.54	/	/	<=33	Pass
Edge_1RB_Right			22.33	/	/	23.63	/	/	<=33	Pass	
Outer_Full			22.30	/	/	23.60	/	/	<=33	Pass	
Inner_Full			23.33	/	/	24.63	/	/	<=33	Pass	
2535		Inner_1RB_Left	23.25	/	/	24.55	/	/	<=33	Pass	
		Inner_1RB_Right	23.35	/	/	24.65	/	/	<=33	Pass	
		Edge_1RB_Left	22.14	/	/	23.44	/	/	<=33	Pass	
		Edge_1RB_Right	22.07	/	/	23.37	/	/	<=33	Pass	
		Outer_Full	22.06	/	/	23.36	/	/	<=33	Pass	
		Inner_Full	23.06	/	/	24.36	/	/	<=33	Pass	
2567.5		Inner_1RB_Left	23.11	/	/	24.41	/	/	<=33	Pass	
		Inner_1RB_Right	23.07	/	/	24.37	/	/	<=33	Pass	
		Edge_1RB_Left	21.83	/	/	23.13	/	/	<=33	Pass	
		Edge_1RB_Right	21.80	/	/	23.10	/	/	<=33	Pass	
		Outer_Full	21.83	/	/	23.13	/	/	<=33	Pass	
		Inner_Full	22.86	/	/	24.16	/	/	<=33	Pass	
CP-OFDM 64 QAM		2502.5	Inner_1RB_Left	23.05	/	/	24.35	/	/	<=33	Pass
			Inner_1RB_Right	22.80	/	/	24.10	/	/	<=33	Pass
			Edge_1RB_Left	21.82	/	/	23.12	/	/	<=33	Pass
	Edge_1RB_Right		21.79	/	/	23.09	/	/	<=33	Pass	
	Outer_Full		21.85	/	/	23.15	/	/	<=33	Pass	
	Inner_Full		21.80	/	/	23.10	/	/	<=33	Pass	
	2535	Inner_1RB_Left	21.80	/	/	23.10	/	/	<=33	Pass	
		Inner_1RB_Right	21.80	/	/	23.10	/	/	<=33	Pass	
		Edge_1RB_Left	21.63	/	/	22.93	/	/	<=33	Pass	
		Edge_1RB_Right	21.59	/	/	22.89	/	/	<=33	Pass	
		Outer_Full	21.60	/	/	22.90	/	/	<=33	Pass	
		Inner_Full	21.63	/	/	22.93	/	/	<=33	Pass	
		Inner_1RB_Left	21.64	/	/	22.94	/	/	<=33	Pass	



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	2567.5	Inner_1RB_Right	21.53	/	/	22.83	/	/	<=33	Pass	
		Edge_1RB_Left	21.26	/	/	22.56	/	/	<=33	Pass	
		Edge_1RB_Right	21.33	/	/	22.63	/	/	<=33	Pass	
		Outer_Full	21.37	/	/	22.67	/	/	<=33	Pass	
		Inner_Full	21.40	/	/	22.70	/	/	<=33	Pass	
		Inner_1RB_Left	21.33	/	/	22.63	/	/	<=33	Pass	
		Inner_1RB_Right	21.36	/	/	22.66	/	/	<=33	Pass	
CP-OFDM 256 QAM	2502.5	Edge_1RB_Left	19.05	/	/	20.35	/	/	<=33	Pass	
		Edge_1RB_Right	19.05	/	/	20.35	/	/	<=33	Pass	
		Outer_Full	19.06	/	/	20.36	/	/	<=33	Pass	
		Inner_Full	19.02	/	/	20.32	/	/	<=33	Pass	
		Inner_1RB_Left	19.08	/	/	20.38	/	/	<=33	Pass	
		Inner_1RB_Right	19.01	/	/	20.31	/	/	<=33	Pass	
	2535	Edge_1RB_Left	18.73	/	/	20.03	/	/	<=33	Pass	
		Edge_1RB_Right	18.71	/	/	20.01	/	/	<=33	Pass	
		Outer_Full	18.66	/	/	19.96	/	/	<=33	Pass	
		Inner_Full	18.63	/	/	19.93	/	/	<=33	Pass	
		Inner_1RB_Left	18.65	/	/	19.95	/	/	<=33	Pass	
		Inner_1RB_Right	18.70	/	/	20.00	/	/	<=33	Pass	
	2567.5	Edge_1RB_Left	18.44	/	/	19.74	/	/	<=33	Pass	
		Edge_1RB_Right	18.54	/	/	19.84	/	/	<=33	Pass	
		Outer_Full	18.50	/	/	19.80	/	/	<=33	Pass	
		Inner_Full	18.53	/	/	19.83	/	/	<=33	Pass	
		Inner_1RB_Left	18.53	/	/	19.83	/	/	<=33	Pass	
		Inner_1RB_Right	18.48	/	/	19.78	/	/	<=33	Pass	
	Note1: Antenna Gain: Ant1: 1.30dBi;										
	Note2: EIRP=Conducted Power+Antenna Gain										



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1.2 15k_SISO_10MHz_NTNV_EIRP

1.2.1 Test Result

5G NR n7 SCS=15kHz SISO 10MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2505	Edge_1RB_Left	24.52	/	/	25.82	/	/	<=33	Pass
		Edge_1RB_Right	24.68	/	/	25.98	/	/	<=33	Pass
		Outer_Full	24.61	/	/	25.91	/	/	<=33	Pass
		Inner_Full	25.11	/	/	26.41	/	/	<=33	Pass
		Inner_1RB_Left	25.03	/	/	26.33	/	/	<=33	Pass
		Inner_1RB_Right	24.99	/	/	26.29	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.60	/	/	25.90	/	/	<=33	Pass
		Edge_1RB_Right	24.52	/	/	25.82	/	/	<=33	Pass
		Outer_Full	24.58	/	/	25.88	/	/	<=33	Pass
		Inner_Full	25.06	/	/	26.36	/	/	<=33	Pass
		Inner_1RB_Left	25.11	/	/	26.41	/	/	<=33	Pass
		Inner_1RB_Right	24.98	/	/	26.28	/	/	<=33	Pass
	2565	Edge_1RB_Left	24.21	/	/	25.51	/	/	<=33	Pass
		Edge_1RB_Right	24.20	/	/	25.50	/	/	<=33	Pass
		Outer_Full	24.16	/	/	25.46	/	/	<=33	Pass
		Inner_Full	24.76	/	/	26.06	/	/	<=33	Pass
		Inner_1RB_Left	24.63	/	/	25.93	/	/	<=33	Pass
		Inner_1RB_Right	24.69	/	/	25.99	/	/	<=33	Pass
DFT-s-OFDM QPSK	2505	Edge_1RB_Left	24.03	/	/	25.33	/	/	<=33	Pass
		Edge_1RB_Right	24.05	/	/	25.35	/	/	<=33	Pass
		Outer_Full	24.13	/	/	25.43	/	/	<=33	Pass
		Inner_Full	25.14	/	/	26.44	/	/	<=33	Pass
		Inner_1RB_Left	24.93	/	/	26.23	/	/	<=33	Pass
		Inner_1RB_Right	24.92	/	/	26.22	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.03	/	/	25.33	/	/	<=33	Pass
		Edge_1RB_Right	23.95	/	/	25.25	/	/	<=33	Pass
		Outer_Full	24.06	/	/	25.36	/	/	<=33	Pass
		Inner_Full	25.09	/	/	26.39	/	/	<=33	Pass
		Inner_1RB_Left	24.98	/	/	26.28	/	/	<=33	Pass
		Inner_1RB_Right	24.85	/	/	26.15	/	/	<=33	Pass
	2565	Edge_1RB_Left	23.67	/	/	24.97	/	/	<=33	Pass
		Edge_1RB_Right	23.68	/	/	24.98	/	/	<=33	Pass
		Outer_Full	23.78	/	/	25.08	/	/	<=33	Pass
		Inner_Full	24.75	/	/	26.05	/	/	<=33	Pass
		Inner_1RB_Left	24.59	/	/	25.89	/	/	<=33	Pass
		Inner_1RB_Right	24.56	/	/	25.86	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2505	Edge_1RB_Left	23.23	/	/	24.53	/	/	<=33	Pass
		Edge_1RB_Right	23.25	/	/	24.55	/	/	<=33	Pass
		Outer_Full	23.16	/	/	24.46	/	/	<=33	Pass
		Inner_Full	24.14	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Left	24.34	/	/	25.64	/	/	<=33	Pass



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	2535	Inner_1RB_Right	24.35	/	/	25.65	/	/	<=33	Pass
		Edge_1RB_Left	23.27	/	/	24.57	/	/	<=33	Pass
		Edge_1RB_Right	23.16	/	/	24.46	/	/	<=33	Pass
		Outer_Full	23.07	/	/	24.37	/	/	<=33	Pass
		Inner_Full	24.11	/	/	25.41	/	/	<=33	Pass
		Inner_1RB_Left	24.37	/	/	25.67	/	/	<=33	Pass
		Inner_1RB_Right	24.24	/	/	25.54	/	/	<=33	Pass
	2565	Edge_1RB_Left	22.85	/	/	24.15	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	24.18	/	/	<=33	Pass
		Outer_Full	22.70	/	/	24.00	/	/	<=33	Pass
		Inner_Full	23.78	/	/	25.08	/	/	<=33	Pass
		Inner_1RB_Left	23.81	/	/	25.11	/	/	<=33	Pass
		Inner_1RB_Right	23.96	/	/	25.26	/	/	<=33	Pass
		Edge_1RB_Left	22.84	/	/	24.14	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2505	Edge_1RB_Right	22.78	/	/	24.08	/	/	<=33	Pass
		Outer_Full	22.60	/	/	23.90	/	/	<=33	Pass
		Inner_Full	22.63	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Left	22.70	/	/	24.00	/	/	<=33	Pass
		Inner_1RB_Right	22.80	/	/	24.10	/	/	<=33	Pass
		Edge_1RB_Left	22.86	/	/	24.16	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	24.06	/	/	<=33	Pass
	2535	Outer_Full	22.54	/	/	23.84	/	/	<=33	Pass
		Inner_Full	22.59	/	/	23.89	/	/	<=33	Pass
		Inner_1RB_Left	22.82	/	/	24.12	/	/	<=33	Pass
		Inner_1RB_Right	22.73	/	/	24.03	/	/	<=33	Pass
		Edge_1RB_Left	22.29	/	/	23.59	/	/	<=33	Pass
		Edge_1RB_Right	22.41	/	/	23.71	/	/	<=33	Pass
		Outer_Full	22.20	/	/	23.50	/	/	<=33	Pass
2565	Inner_Full	22.30	/	/	23.60	/	/	<=33	Pass	
	Inner_1RB_Left	22.32	/	/	23.62	/	/	<=33	Pass	
	Inner_1RB_Right	22.50	/	/	23.80	/	/	<=33	Pass	
	Edge_1RB_Left	20.80	/	/	22.10	/	/	<=33	Pass	
	Edge_1RB_Right	20.78	/	/	22.08	/	/	<=33	Pass	
	Outer_Full	20.82	/	/	22.12	/	/	<=33	Pass	
	Inner_Full	20.80	/	/	22.10	/	/	<=33	Pass	
DFT-s-OFDM 256 QAM	2505	Inner_1RB_Left	20.80	/	/	22.10	/	/	<=33	Pass
		Inner_1RB_Right	20.77	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Left	20.68	/	/	21.98	/	/	<=33	Pass
		Edge_1RB_Right	20.56	/	/	21.86	/	/	<=33	Pass
		Outer_Full	20.60	/	/	21.90	/	/	<=33	Pass
		Inner_Full	20.60	/	/	21.90	/	/	<=33	Pass
		Inner_1RB_Left	20.64	/	/	21.94	/	/	<=33	Pass
	2535	Inner_1RB_Right	20.55	/	/	21.85	/	/	<=33	Pass
		Edge_1RB_Left	20.41	/	/	21.71	/	/	<=33	Pass
		Edge_1RB_Right	20.41	/	/	21.71	/	/	<=33	Pass
		Outer_Full	20.37	/	/	21.67	/	/	<=33	Pass
		Inner_Full	20.37	/	/	21.67	/	/	<=33	Pass
		Inner_1RB_Left	20.35	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Right	20.39	/	/	21.69	/	/	<=33	Pass



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CP-OFDM QPSK	2505	Edge_1RB_Left	22.00	/	/	23.30	/	/	<=33	Pass
		Edge_1RB_Right	21.92	/	/	23.22	/	/	<=33	Pass
		Outer_Full	22.08	/	/	23.38	/	/	<=33	Pass
		Inner_Full	23.46	/	/	24.76	/	/	<=33	Pass
		Inner_1RB_Left	23.46	/	/	24.76	/	/	<=33	Pass
	Inner_1RB_Right	23.45	/	/	24.75	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.06	/	/	23.36	/	/	<=33	Pass
		Edge_1RB_Right	21.86	/	/	23.16	/	/	<=33	Pass
		Outer_Full	22.03	/	/	23.33	/	/	<=33	Pass
		Inner_Full	23.47	/	/	24.77	/	/	<=33	Pass
		Inner_1RB_Left	23.46	/	/	24.76	/	/	<=33	Pass
	Inner_1RB_Right	23.35	/	/	24.65	/	/	<=33	Pass	
	2565	Edge_1RB_Left	21.63	/	/	22.93	/	/	<=33	Pass
		Edge_1RB_Right	21.65	/	/	22.95	/	/	<=33	Pass
		Outer_Full	21.70	/	/	23.00	/	/	<=33	Pass
Inner_Full		23.20	/	/	24.50	/	/	<=33	Pass	
Inner_1RB_Left		23.08	/	/	24.38	/	/	<=33	Pass	
Inner_1RB_Right	23.16	/	/	24.46	/	/	<=33	Pass		
CP-OFDM 16 QAM	2505	Edge_1RB_Left	22.15	/	/	23.45	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	23.49	/	/	<=33	Pass
		Outer_Full	22.14	/	/	23.44	/	/	<=33	Pass
		Inner_Full	23.00	/	/	24.30	/	/	<=33	Pass
		Inner_1RB_Left	23.11	/	/	24.41	/	/	<=33	Pass
	Inner_1RB_Right	23.08	/	/	24.38	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.17	/	/	23.47	/	/	<=33	Pass
		Edge_1RB_Right	22.14	/	/	23.44	/	/	<=33	Pass
		Outer_Full	22.10	/	/	23.40	/	/	<=33	Pass
		Inner_Full	22.99	/	/	24.29	/	/	<=33	Pass
		Inner_1RB_Left	23.10	/	/	24.40	/	/	<=33	Pass
	Inner_1RB_Right	23.03	/	/	24.33	/	/	<=33	Pass	
	2565	Edge_1RB_Left	21.78	/	/	23.08	/	/	<=33	Pass
		Edge_1RB_Right	21.80	/	/	23.10	/	/	<=33	Pass
		Outer_Full	21.81	/	/	23.11	/	/	<=33	Pass
Inner_Full		22.73	/	/	24.03	/	/	<=33	Pass	
Inner_1RB_Left		22.79	/	/	24.09	/	/	<=33	Pass	
Inner_1RB_Right	22.71	/	/	24.01	/	/	<=33	Pass		
CP-OFDM 64 QAM	2505	Edge_1RB_Left	21.64	/	/	22.94	/	/	<=33	Pass
		Edge_1RB_Right	21.61	/	/	22.91	/	/	<=33	Pass
		Outer_Full	21.59	/	/	22.89	/	/	<=33	Pass
		Inner_Full	21.56	/	/	22.86	/	/	<=33	Pass
		Inner_1RB_Left	21.58	/	/	22.88	/	/	<=33	Pass
	Inner_1RB_Right	21.54	/	/	22.84	/	/	<=33	Pass	
	2535	Edge_1RB_Left	21.64	/	/	22.94	/	/	<=33	Pass
		Edge_1RB_Right	21.52	/	/	22.82	/	/	<=33	Pass
		Outer_Full	21.54	/	/	22.84	/	/	<=33	Pass
		Inner_Full	21.57	/	/	22.87	/	/	<=33	Pass
		Inner_1RB_Left	21.61	/	/	22.91	/	/	<=33	Pass
	Inner_1RB_Right	21.49	/	/	22.79	/	/	<=33	Pass	
	2565	Edge_1RB_Left	21.27	/	/	22.57	/	/	<=33	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	21.23	/	/	22.53	/	/	<=33	Pass	
		Outer_Full	21.24	/	/	22.54	/	/	<=33	Pass	
		Inner_Full	21.23	/	/	22.53	/	/	<=33	Pass	
		Inner_1RB_Left	21.30	/	/	22.60	/	/	<=33	Pass	
		Inner_1RB_Right	21.28	/	/	22.58	/	/	<=33	Pass	
	2505	Edge_1RB_Left	18.86	/	/	20.16	/	/	<=33	Pass	
		Edge_1RB_Right	18.90	/	/	20.20	/	/	<=33	Pass	
		Outer_Full	18.77	/	/	20.07	/	/	<=33	Pass	
		Inner_Full	18.78	/	/	20.08	/	/	<=33	Pass	
		Inner_1RB_Left	18.90	/	/	20.20	/	/	<=33	Pass	
		Inner_1RB_Right	18.86	/	/	20.16	/	/	<=33	Pass	
		2535	Edge_1RB_Left	18.81	/	/	20.11	/	/	<=33	Pass
			Edge_1RB_Right	18.69	/	/	19.99	/	/	<=33	Pass
			Outer_Full	18.58	/	/	19.88	/	/	<=33	Pass
			Inner_Full	18.56	/	/	19.86	/	/	<=33	Pass
	Inner_1RB_Left		18.77	/	/	20.07	/	/	<=33	Pass	
	2565	Inner_1RB_Right	18.66	/	/	19.96	/	/	<=33	Pass	
		Edge_1RB_Left	18.49	/	/	19.79	/	/	<=33	Pass	
		Edge_1RB_Right	18.58	/	/	19.88	/	/	<=33	Pass	
		Outer_Full	18.40	/	/	19.70	/	/	<=33	Pass	
Inner_Full		18.43	/	/	19.73	/	/	<=33	Pass		
Inner_1RB_Left		18.53	/	/	19.83	/	/	<=33	Pass		
	Inner_1RB_Right	18.51	/	/	19.81	/	/	<=33	Pass		

Note1: Antenna Gain: Ant1: 1.30dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.3 15k_SISO_15MHz_NTNV_EIRP

1.3.1 Test Result

5G NR n7 SCS=15kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2507.5	Edge_1RB_Left	24.62	/	/	25.92	/	/	<=33	Pass
		Edge_1RB_Right	24.76	/	/	26.06	/	/	<=33	Pass
		Outer_Full	24.21	/	/	25.51	/	/	<=33	Pass
		Inner_Full	25.25	/	/	26.55	/	/	<=33	Pass
		Inner_1RB_Left	25.13	/	/	26.43	/	/	<=33	Pass
		Inner_1RB_Right	24.87	/	/	26.17	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.62	/	/	25.92	/	/	<=33	Pass
		Edge_1RB_Right	24.46	/	/	25.76	/	/	<=33	Pass
		Outer_Full	24.61	/	/	25.91	/	/	<=33	Pass
		Inner_Full	25.12	/	/	26.42	/	/	<=33	Pass
		Inner_1RB_Left	25.08	/	/	26.38	/	/	<=33	Pass
		Inner_1RB_Right	24.94	/	/	26.24	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	24.47	/	/	25.77	/	/	<=33	Pass
		Edge_1RB_Right	24.44	/	/	25.74	/	/	<=33	Pass
		Outer_Full	24.51	/	/	25.81	/	/	<=33	Pass
		Inner_Full	24.96	/	/	26.26	/	/	<=33	Pass
		Inner_1RB_Left	24.91	/	/	26.21	/	/	<=33	Pass
		Inner_1RB_Right	24.89	/	/	26.19	/	/	<=33	Pass
DFT-s-OFDM QPSK	2507.5	Edge_1RB_Left	24.11	/	/	25.41	/	/	<=33	Pass
		Edge_1RB_Right	24.19	/	/	25.49	/	/	<=33	Pass
		Outer_Full	24.28	/	/	25.58	/	/	<=33	Pass
		Inner_Full	25.25	/	/	26.55	/	/	<=33	Pass
		Inner_1RB_Left	25.05	/	/	26.35	/	/	<=33	Pass
		Inner_1RB_Right	24.83	/	/	26.13	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.14	/	/	25.44	/	/	<=33	Pass
		Edge_1RB_Right	23.95	/	/	25.25	/	/	<=33	Pass
		Outer_Full	24.13	/	/	25.43	/	/	<=33	Pass
		Inner_Full	25.16	/	/	26.46	/	/	<=33	Pass
		Inner_1RB_Left	25.08	/	/	26.38	/	/	<=33	Pass
		Inner_1RB_Right	24.91	/	/	26.21	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	23.93	/	/	25.23	/	/	<=33	Pass
		Edge_1RB_Right	23.84	/	/	25.14	/	/	<=33	Pass
		Outer_Full	23.98	/	/	25.28	/	/	<=33	Pass
		Inner_Full	25.02	/	/	26.32	/	/	<=33	Pass
		Inner_1RB_Left	24.88	/	/	26.18	/	/	<=33	Pass
		Inner_1RB_Right	24.78	/	/	26.08	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2507.5	Edge_1RB_Left	23.32	/	/	24.62	/	/	<=33	Pass
		Edge_1RB_Right	23.43	/	/	24.73	/	/	<=33	Pass
		Outer_Full	23.30	/	/	24.60	/	/	<=33	Pass
		Inner_Full	24.30	/	/	25.60	/	/	<=33	Pass
		Inner_1RB_Left	24.42	/	/	25.72	/	/	<=33	Pass



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	2535	Inner_1RB_Right	24.52	/	/	25.82	/	/	<=33	Pass	
		Edge_1RB_Left	23.33	/	/	24.63	/	/	<=33	Pass	
		Edge_1RB_Right	23.14	/	/	24.44	/	/	<=33	Pass	
		Outer_Full	23.13	/	/	24.43	/	/	<=33	Pass	
		Inner_Full	24.17	/	/	25.47	/	/	<=33	Pass	
		Inner_1RB_Left	24.38	/	/	25.68	/	/	<=33	Pass	
	2562.5	Inner_1RB_Right	24.14	/	/	25.44	/	/	<=33	Pass	
		Edge_1RB_Left	23.10	/	/	24.40	/	/	<=33	Pass	
		Edge_1RB_Right	23.08	/	/	24.38	/	/	<=33	Pass	
		Outer_Full	22.99	/	/	24.29	/	/	<=33	Pass	
		Inner_Full	24.03	/	/	25.33	/	/	<=33	Pass	
		Inner_1RB_Left	24.12	/	/	25.42	/	/	<=33	Pass	
	DFT-s-OFDM 64 QAM	2507.5	Inner_1RB_Right	24.18	/	/	25.48	/	/	<=33	Pass
			Edge_1RB_Left	22.82	/	/	24.12	/	/	<=33	Pass
Edge_1RB_Right			22.80	/	/	24.10	/	/	<=33	Pass	
Outer_Full			22.78	/	/	24.08	/	/	<=33	Pass	
Inner_Full			22.74	/	/	24.04	/	/	<=33	Pass	
Inner_1RB_Left			22.95	/	/	24.25	/	/	<=33	Pass	
2535		Inner_1RB_Right	22.85	/	/	24.15	/	/	<=33	Pass	
		Edge_1RB_Left	22.86	/	/	24.16	/	/	<=33	Pass	
		Edge_1RB_Right	22.73	/	/	24.03	/	/	<=33	Pass	
		Outer_Full	22.64	/	/	23.94	/	/	<=33	Pass	
		Inner_Full	22.71	/	/	24.01	/	/	<=33	Pass	
		Inner_1RB_Left	22.86	/	/	24.16	/	/	<=33	Pass	
2562.5		Inner_1RB_Right	22.74	/	/	24.04	/	/	<=33	Pass	
		Edge_1RB_Left	22.50	/	/	23.80	/	/	<=33	Pass	
	Edge_1RB_Right	22.74	/	/	24.04	/	/	<=33	Pass		
	Outer_Full	22.51	/	/	23.81	/	/	<=33	Pass		
	Inner_Full	22.54	/	/	23.84	/	/	<=33	Pass		
	Inner_1RB_Left	22.65	/	/	23.95	/	/	<=33	Pass		
DFT-s-OFDM 256 QAM	2507.5	Inner_1RB_Right	22.69	/	/	23.99	/	/	<=33	Pass	
		Edge_1RB_Left	20.88	/	/	22.18	/	/	<=33	Pass	
		Edge_1RB_Right	20.87	/	/	22.17	/	/	<=33	Pass	
		Outer_Full	20.89	/	/	22.19	/	/	<=33	Pass	
		Inner_Full	20.89	/	/	22.19	/	/	<=33	Pass	
		Inner_1RB_Left	20.87	/	/	22.17	/	/	<=33	Pass	
	2535	Inner_1RB_Right	20.78	/	/	22.08	/	/	<=33	Pass	
		Edge_1RB_Left	20.68	/	/	21.98	/	/	<=33	Pass	
		Edge_1RB_Right	20.52	/	/	21.82	/	/	<=33	Pass	
		Outer_Full	20.65	/	/	21.95	/	/	<=33	Pass	
		Inner_Full	20.65	/	/	21.95	/	/	<=33	Pass	
		Inner_1RB_Left	20.67	/	/	21.97	/	/	<=33	Pass	
	2562.5	Inner_1RB_Right	20.46	/	/	21.76	/	/	<=33	Pass	
		Edge_1RB_Left	20.62	/	/	21.92	/	/	<=33	Pass	
Edge_1RB_Right		20.49	/	/	21.79	/	/	<=33	Pass		
Outer_Full		20.62	/	/	21.92	/	/	<=33	Pass		
Inner_Full		20.65	/	/	21.95	/	/	<=33	Pass		
Inner_1RB_Left		20.53	/	/	21.83	/	/	<=33	Pass		
		Inner_1RB_Right	20.59	/	/	21.89	/	/	<=33	Pass	



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CP-OFDM QPSK	2507.5	Edge_1RB_Left	22.05	/	/	23.35	/	/	<=33	Pass
		Edge_1RB_Right	22.06	/	/	23.36	/	/	<=33	Pass
		Outer_Full	22.20	/	/	23.50	/	/	<=33	Pass
		Inner_Full	23.70	/	/	25.00	/	/	<=33	Pass
		Inner_1RB_Left	23.53	/	/	24.83	/	/	<=33	Pass
		Inner_1RB_Right	23.58	/	/	24.88	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.98	/	/	23.28	/	/	<=33	Pass
		Edge_1RB_Right	21.86	/	/	23.16	/	/	<=33	Pass
		Outer_Full	22.08	/	/	23.38	/	/	<=33	Pass
		Inner_Full	23.60	/	/	24.90	/	/	<=33	Pass
		Inner_1RB_Left	23.45	/	/	24.75	/	/	<=33	Pass
		Inner_1RB_Right	23.34	/	/	24.64	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	21.88	/	/	23.18	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	23.07	/	/	<=33	Pass
		Outer_Full	21.98	/	/	23.28	/	/	<=33	Pass
		Inner_Full	23.46	/	/	24.76	/	/	<=33	Pass
		Inner_1RB_Left	23.26	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Right	23.27	/	/	24.57	/	/	<=33	Pass
CP-OFDM 16 QAM	2507.5	Edge_1RB_Left	22.23	/	/	23.53	/	/	<=33	Pass
		Edge_1RB_Right	22.30	/	/	23.60	/	/	<=33	Pass
		Outer_Full	22.21	/	/	23.51	/	/	<=33	Pass
		Inner_Full	23.23	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Left	23.16	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Right	23.33	/	/	24.63	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.20	/	/	23.50	/	/	<=33	Pass
		Edge_1RB_Right	22.04	/	/	23.34	/	/	<=33	Pass
		Outer_Full	22.09	/	/	23.39	/	/	<=33	Pass
		Inner_Full	23.10	/	/	24.40	/	/	<=33	Pass
		Inner_1RB_Left	23.16	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Right	23.03	/	/	24.33	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.04	/	/	23.34	/	/	<=33	Pass
		Edge_1RB_Right	21.99	/	/	23.29	/	/	<=33	Pass
		Outer_Full	21.97	/	/	23.27	/	/	<=33	Pass
		Inner_Full	22.98	/	/	24.28	/	/	<=33	Pass
		Inner_1RB_Left	23.01	/	/	24.31	/	/	<=33	Pass
		Inner_1RB_Right	22.96	/	/	24.26	/	/	<=33	Pass
CP-OFDM 64 QAM	2507.5	Edge_1RB_Left	21.72	/	/	23.02	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	23.07	/	/	<=33	Pass
		Outer_Full	21.74	/	/	23.04	/	/	<=33	Pass
		Inner_Full	21.64	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Left	21.69	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Right	21.74	/	/	23.04	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.65	/	/	22.95	/	/	<=33	Pass
		Edge_1RB_Right	21.57	/	/	22.87	/	/	<=33	Pass
		Outer_Full	21.58	/	/	22.88	/	/	<=33	Pass
		Inner_Full	21.64	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Left	21.69	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Right	21.60	/	/	22.90	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	21.58	/	/	22.88	/	/	<=33	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	21.55	/	/	22.85	/	/	<=33	Pass
		Outer_Full	21.47	/	/	22.77	/	/	<=33	Pass
		Inner_Full	21.50	/	/	22.80	/	/	<=33	Pass
		Inner_1RB_Left	21.50	/	/	22.80	/	/	<=33	Pass
		Inner_1RB_Right	21.48	/	/	22.78	/	/	<=33	Pass
	2507.5	Edge_1RB_Left	18.99	/	/	20.29	/	/	<=33	Pass
		Edge_1RB_Right	18.95	/	/	20.25	/	/	<=33	Pass
		Outer_Full	18.87	/	/	20.17	/	/	<=33	Pass
		Inner_Full	18.91	/	/	20.21	/	/	<=33	Pass
		Inner_1RB_Left	18.99	/	/	20.29	/	/	<=33	Pass
		Inner_1RB_Right	18.95	/	/	20.25	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.79	/	/	20.09	/	/	<=33	Pass
		Edge_1RB_Right	18.66	/	/	19.96	/	/	<=33	Pass
		Outer_Full	18.63	/	/	19.93	/	/	<=33	Pass
		Inner_Full	18.66	/	/	19.96	/	/	<=33	Pass
		Inner_1RB_Left	18.76	/	/	20.06	/	/	<=33	Pass
	2562.5	Inner_1RB_Right	18.70	/	/	20.00	/	/	<=33	Pass
		Edge_1RB_Left	18.70	/	/	20.00	/	/	<=33	Pass
		Edge_1RB_Right	18.73	/	/	20.03	/	/	<=33	Pass
		Outer_Full	18.64	/	/	19.94	/	/	<=33	Pass
		Inner_Full	18.64	/	/	19.94	/	/	<=33	Pass
		Inner_1RB_Left	18.72	/	/	20.02	/	/	<=33	Pass
		Inner_1RB_Right	18.70	/	/	20.00	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 1.30dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.4 15k_SISO_20MHz_NTNV_EIRP

1.4.1 Test Result

5G NR n7 SCS=15kHz SISO 20MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2510	Edge_1RB_Left	24.69	/	/	25.99	/	/	<=33	Pass
		Edge_1RB_Right	24.83	/	/	26.13	/	/	<=33	Pass
		Outer_Full	24.31	/	/	25.61	/	/	<=33	Pass
		Inner_Full	24.33	/	/	25.63	/	/	<=33	Pass
		Inner_1RB_Left	25.20	/	/	26.50	/	/	<=33	Pass
		Inner_1RB_Right	24.28	/	/	25.58	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.60	/	/	25.90	/	/	<=33	Pass
		Edge_1RB_Right	23.92	/	/	25.22	/	/	<=33	Pass
		Outer_Full	24.12	/	/	25.42	/	/	<=33	Pass
		Inner_Full	24.16	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Left	24.15	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Right	23.93	/	/	25.23	/	/	<=33	Pass
	2560	Edge_1RB_Left	24.46	/	/	25.76	/	/	<=33	Pass
		Edge_1RB_Right	24.39	/	/	25.69	/	/	<=33	Pass
		Outer_Full	24.44	/	/	25.74	/	/	<=33	Pass
		Inner_Full	24.92	/	/	26.22	/	/	<=33	Pass
		Inner_1RB_Left	24.90	/	/	26.20	/	/	<=33	Pass
		Inner_1RB_Right	24.83	/	/	26.13	/	/	<=33	Pass
DFT-s-OFDM QPSK	2510	Edge_1RB_Left	24.14	/	/	25.44	/	/	<=33	Pass
		Edge_1RB_Right	24.27	/	/	25.57	/	/	<=33	Pass
		Outer_Full	24.36	/	/	25.66	/	/	<=33	Pass
		Inner_Full	24.34	/	/	25.64	/	/	<=33	Pass
		Inner_1RB_Left	25.06	/	/	26.36	/	/	<=33	Pass
		Inner_1RB_Right	24.24	/	/	25.54	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.07	/	/	25.37	/	/	<=33	Pass
		Edge_1RB_Right	23.88	/	/	25.18	/	/	<=33	Pass
		Outer_Full	24.10	/	/	25.40	/	/	<=33	Pass
		Inner_Full	25.14	/	/	26.44	/	/	<=33	Pass
		Inner_1RB_Left	25.02	/	/	26.32	/	/	<=33	Pass
		Inner_1RB_Right	24.81	/	/	26.11	/	/	<=33	Pass
	2560	Edge_1RB_Left	23.89	/	/	25.19	/	/	<=33	Pass
		Edge_1RB_Right	23.82	/	/	25.12	/	/	<=33	Pass
		Outer_Full	23.93	/	/	25.23	/	/	<=33	Pass
		Inner_Full	24.91	/	/	26.21	/	/	<=33	Pass
		Inner_1RB_Left	24.82	/	/	26.12	/	/	<=33	Pass
		Inner_1RB_Right	24.71	/	/	26.01	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2510	Edge_1RB_Left	23.39	/	/	24.69	/	/	<=33	Pass
		Edge_1RB_Right	23.48	/	/	24.78	/	/	<=33	Pass
		Outer_Full	23.38	/	/	24.68	/	/	<=33	Pass
		Inner_Full	23.36	/	/	24.66	/	/	<=33	Pass
		Inner_1RB_Left	23.40	/	/	24.70	/	/	<=33	Pass



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	2535	Inner_1RB_Right	23.46	/	/	24.76	/	/	<=33	Pass
		Edge_1RB_Left	23.30	/	/	24.60	/	/	<=33	Pass
		Edge_1RB_Right	23.07	/	/	24.37	/	/	<=33	Pass
		Outer_Full	23.08	/	/	24.38	/	/	<=33	Pass
		Inner_Full	24.20	/	/	25.50	/	/	<=33	Pass
		Inner_1RB_Left	24.39	/	/	25.69	/	/	<=33	Pass
		Inner_1RB_Right	24.07	/	/	25.37	/	/	<=33	Pass
	2560	Edge_1RB_Left	23.08	/	/	24.38	/	/	<=33	Pass
		Edge_1RB_Right	23.06	/	/	24.36	/	/	<=33	Pass
		Outer_Full	22.94	/	/	24.24	/	/	<=33	Pass
		Inner_Full	23.92	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Left	24.15	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Right	24.14	/	/	25.44	/	/	<=33	Pass
		DFT-s-OFDM 64 QAM	2510	Edge_1RB_Left	22.88	/	/	24.18	/	/
Edge_1RB_Right	22.92			/	/	24.22	/	/	<=33	Pass
Outer_Full	22.85			/	/	24.15	/	/	<=33	Pass
Inner_Full	22.85			/	/	24.15	/	/	<=33	Pass
Inner_1RB_Left	23.01			/	/	24.31	/	/	<=33	Pass
Inner_1RB_Right	23.03			/	/	24.33	/	/	<=33	Pass
2535	Edge_1RB_Left			22.87	/	/	24.17	/	/	<=33
	Edge_1RB_Right		22.63	/	/	23.93	/	/	<=33	Pass
	Outer_Full		22.59	/	/	23.89	/	/	<=33	Pass
	Inner_Full		22.63	/	/	23.93	/	/	<=33	Pass
	Inner_1RB_Left		22.78	/	/	24.08	/	/	<=33	Pass
	Inner_1RB_Right		22.57	/	/	23.87	/	/	<=33	Pass
	2560		Edge_1RB_Left	22.68	/	/	23.98	/	/	<=33
Edge_1RB_Right			22.67	/	/	23.97	/	/	<=33	Pass
Outer_Full		22.41	/	/	23.71	/	/	<=33	Pass	
Inner_Full		22.42	/	/	23.72	/	/	<=33	Pass	
Inner_1RB_Left		22.67	/	/	23.97	/	/	<=33	Pass	
Inner_1RB_Right		22.67	/	/	23.97	/	/	<=33	Pass	
DFT-s-OFDM 256 QAM		2510	Edge_1RB_Left	20.95	/	/	22.25	/	/	<=33
	Edge_1RB_Right		20.88	/	/	22.18	/	/	<=33	Pass
	Outer_Full		21.03	/	/	22.33	/	/	<=33	Pass
	Inner_Full		20.99	/	/	22.29	/	/	<=33	Pass
	Inner_1RB_Left		20.93	/	/	22.23	/	/	<=33	Pass
	Inner_1RB_Right		20.90	/	/	22.20	/	/	<=33	Pass
	2535		Edge_1RB_Left	20.68	/	/	21.98	/	/	<=33
		Edge_1RB_Right	20.53	/	/	21.83	/	/	<=33	Pass
		Outer_Full	20.66	/	/	21.96	/	/	<=33	Pass
		Inner_Full	20.69	/	/	21.99	/	/	<=33	Pass
		Inner_1RB_Left	20.69	/	/	21.99	/	/	<=33	Pass
		Inner_1RB_Right	20.46	/	/	21.76	/	/	<=33	Pass
		2560	Edge_1RB_Left	20.54	/	/	21.84	/	/	<=33
	Edge_1RB_Right		20.49	/	/	21.79	/	/	<=33	Pass
Outer_Full	20.61		/	/	21.91	/	/	<=33	Pass	
Inner_Full	20.61		/	/	21.91	/	/	<=33	Pass	
Inner_1RB_Left	20.54		/	/	21.84	/	/	<=33	Pass	
Inner_1RB_Right	20.48		/	/	21.78	/	/	<=33	Pass	



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CP-OFDM QPSK	2510	Edge_1RB_Left	22.06	/	/	23.36	/	/	<=33	Pass
		Edge_1RB_Right	22.14	/	/	23.44	/	/	<=33	Pass
		Outer_Full	22.37	/	/	23.67	/	/	<=33	Pass
		Inner_Full	23.83	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Left	23.58	/	/	24.88	/	/	<=33	Pass
	Inner_1RB_Right	23.62	/	/	24.92	/	/	<=33	Pass	
	2535	Edge_1RB_Left	21.99	/	/	23.29	/	/	<=33	Pass
		Edge_1RB_Right	21.82	/	/	23.12	/	/	<=33	Pass
		Outer_Full	21.95	/	/	23.25	/	/	<=33	Pass
		Inner_Full	23.60	/	/	24.90	/	/	<=33	Pass
		Inner_1RB_Left	23.45	/	/	24.75	/	/	<=33	Pass
	Inner_1RB_Right	23.22	/	/	24.52	/	/	<=33	Pass	
	2560	Edge_1RB_Left	21.82	/	/	23.12	/	/	<=33	Pass
		Edge_1RB_Right	21.80	/	/	23.10	/	/	<=33	Pass
		Outer_Full	21.96	/	/	23.26	/	/	<=33	Pass
Inner_Full		23.41	/	/	24.71	/	/	<=33	Pass	
Inner_1RB_Left		23.30	/	/	24.60	/	/	<=33	Pass	
Inner_1RB_Right	23.15	/	/	24.45	/	/	<=33	Pass		
CP-OFDM 16 QAM	2510	Edge_1RB_Left	22.34	/	/	23.64	/	/	<=33	Pass
		Edge_1RB_Right	22.37	/	/	23.67	/	/	<=33	Pass
		Outer_Full	22.34	/	/	23.64	/	/	<=33	Pass
		Inner_Full	23.33	/	/	24.63	/	/	<=33	Pass
		Inner_1RB_Left	23.25	/	/	24.55	/	/	<=33	Pass
	Inner_1RB_Right	23.26	/	/	24.56	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.20	/	/	23.50	/	/	<=33	Pass
		Edge_1RB_Right	22.05	/	/	23.35	/	/	<=33	Pass
		Outer_Full	22.04	/	/	23.34	/	/	<=33	Pass
		Inner_Full	23.12	/	/	24.42	/	/	<=33	Pass
		Inner_1RB_Left	23.21	/	/	24.51	/	/	<=33	Pass
	Inner_1RB_Right	22.90	/	/	24.20	/	/	<=33	Pass	
	2560	Edge_1RB_Left	22.02	/	/	23.32	/	/	<=33	Pass
		Edge_1RB_Right	21.96	/	/	23.26	/	/	<=33	Pass
		Outer_Full	21.96	/	/	23.26	/	/	<=33	Pass
Inner_Full		22.93	/	/	24.23	/	/	<=33	Pass	
Inner_1RB_Left		22.97	/	/	24.27	/	/	<=33	Pass	
Inner_1RB_Right	22.85	/	/	24.15	/	/	<=33	Pass		
CP-OFDM 64 QAM	2510	Edge_1RB_Left	21.77	/	/	23.07	/	/	<=33	Pass
		Edge_1RB_Right	21.85	/	/	23.15	/	/	<=33	Pass
		Outer_Full	21.81	/	/	23.11	/	/	<=33	Pass
		Inner_Full	21.84	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Left	21.74	/	/	23.04	/	/	<=33	Pass
	Inner_1RB_Right	21.71	/	/	23.01	/	/	<=33	Pass	
	2535	Edge_1RB_Left	21.69	/	/	22.99	/	/	<=33	Pass
		Edge_1RB_Right	21.54	/	/	22.84	/	/	<=33	Pass
		Outer_Full	21.55	/	/	22.85	/	/	<=33	Pass
		Inner_Full	21.56	/	/	22.86	/	/	<=33	Pass
		Inner_1RB_Left	21.64	/	/	22.94	/	/	<=33	Pass
	Inner_1RB_Right	21.42	/	/	22.72	/	/	<=33	Pass	
	2560	Edge_1RB_Left	21.52	/	/	22.82	/	/	<=33	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	21.44	/	/	22.74	/	/	<=33	Pass
		Outer_Full	21.45	/	/	22.75	/	/	<=33	Pass
		Inner_Full	21.37	/	/	22.67	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	22.81	/	/	<=33	Pass
		Inner_1RB_Right	21.42	/	/	22.72	/	/	<=33	Pass
	2510	Edge_1RB_Left	18.98	/	/	20.28	/	/	<=33	Pass
		Edge_1RB_Right	18.97	/	/	20.27	/	/	<=33	Pass
		Outer_Full	18.96	/	/	20.26	/	/	<=33	Pass
		Inner_Full	18.95	/	/	20.25	/	/	<=33	Pass
		Inner_1RB_Left	18.96	/	/	20.26	/	/	<=33	Pass
	2535	Inner_1RB_Right	18.91	/	/	20.21	/	/	<=33	Pass
		Edge_1RB_Left	18.79	/	/	20.09	/	/	<=33	Pass
		Edge_1RB_Right	18.70	/	/	20.00	/	/	<=33	Pass
		Outer_Full	18.66	/	/	19.96	/	/	<=33	Pass
		Inner_Full	18.64	/	/	19.94	/	/	<=33	Pass
	2560	Inner_1RB_Left	18.80	/	/	20.10	/	/	<=33	Pass
		Inner_1RB_Right	18.53	/	/	19.83	/	/	<=33	Pass
		Edge_1RB_Left	18.66	/	/	19.96	/	/	<=33	Pass
		Edge_1RB_Right	18.68	/	/	19.98	/	/	<=33	Pass
		Outer_Full	18.68	/	/	19.98	/	/	<=33	Pass
	Inner_Full	18.63	/	/	19.93	/	/	<=33	Pass	
	Inner_1RB_Left	18.66	/	/	19.96	/	/	<=33	Pass	
	Inner_1RB_Right	18.63	/	/	19.93	/	/	<=33	Pass	

Note1: Antenna Gain: Ant1: 1.30dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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Wireless Laboratory

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1.5 15k_SISO_25MHz_NTNV_EIRP

1.5.1 Test Result

5G NR n7 SCS=15kHz SISO 25MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2512.5	Edge_1RB_Left	24.82	/	/	26.12	/	/	<=33	Pass
		Edge_1RB_Right	24.95	/	/	26.25	/	/	<=33	Pass
		Outer_Full	23.49	/	/	24.79	/	/	<=33	Pass
		Inner_Full	24.52	/	/	25.82	/	/	<=33	Pass
		Inner_1RB_Left	25.29	/	/	26.59	/	/	<=33	Pass
		Inner_1RB_Right	24.43	/	/	25.73	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.66	/	/	25.96	/	/	<=33	Pass
		Edge_1RB_Right	23.01	/	/	24.31	/	/	<=33	Pass
		Outer_Full	23.17	/	/	24.47	/	/	<=33	Pass
		Inner_Full	23.24	/	/	24.54	/	/	<=33	Pass
		Inner_1RB_Left	23.20	/	/	24.50	/	/	<=33	Pass
		Inner_1RB_Right	23.02	/	/	24.32	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	24.52	/	/	25.82	/	/	<=33	Pass
		Edge_1RB_Right	24.43	/	/	25.73	/	/	<=33	Pass
		Outer_Full	24.06	/	/	25.36	/	/	<=33	Pass
		Inner_Full	25.01	/	/	26.31	/	/	<=33	Pass
		Inner_1RB_Left	25.00	/	/	26.30	/	/	<=33	Pass
		Inner_1RB_Right	24.87	/	/	26.17	/	/	<=33	Pass
DFT-s-OFDM QPSK	2512.5	Edge_1RB_Left	24.26	/	/	25.56	/	/	<=33	Pass
		Edge_1RB_Right	24.35	/	/	25.65	/	/	<=33	Pass
		Outer_Full	24.51	/	/	25.81	/	/	<=33	Pass
		Inner_Full	24.51	/	/	25.81	/	/	<=33	Pass
		Inner_1RB_Left	25.19	/	/	26.49	/	/	<=33	Pass
		Inner_1RB_Right	24.36	/	/	25.66	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.12	/	/	25.42	/	/	<=33	Pass
		Edge_1RB_Right	22.98	/	/	24.28	/	/	<=33	Pass
		Outer_Full	23.20	/	/	24.50	/	/	<=33	Pass
		Inner_Full	23.26	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Left	23.16	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Right	23.03	/	/	24.33	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	24.02	/	/	25.32	/	/	<=33	Pass
		Edge_1RB_Right	23.87	/	/	25.17	/	/	<=33	Pass
		Outer_Full	24.01	/	/	25.31	/	/	<=33	Pass
		Inner_Full	24.99	/	/	26.29	/	/	<=33	Pass
		Inner_1RB_Left	24.92	/	/	26.22	/	/	<=33	Pass
		Inner_1RB_Right	24.75	/	/	26.05	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2512.5	Edge_1RB_Left	23.51	/	/	24.81	/	/	<=33	Pass
		Edge_1RB_Right	23.59	/	/	24.89	/	/	<=33	Pass
		Outer_Full	23.54	/	/	24.84	/	/	<=33	Pass
		Inner_Full	23.47	/	/	24.77	/	/	<=33	Pass
		Inner_1RB_Left	23.50	/	/	24.80	/	/	<=33	Pass



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	2535	Inner_1RB_Right	23.61	/	/	24.91	/	/	<=33	Pass
		Edge_1RB_Left	23.39	/	/	24.69	/	/	<=33	Pass
		Edge_1RB_Right	23.15	/	/	24.45	/	/	<=33	Pass
		Outer_Full	23.21	/	/	24.51	/	/	<=33	Pass
		Inner_Full	23.24	/	/	24.54	/	/	<=33	Pass
		Inner_1RB_Left	23.47	/	/	24.77	/	/	<=33	Pass
		Inner_1RB_Right	23.26	/	/	24.56	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	23.21	/	/	24.51	/	/	<=33	Pass
		Edge_1RB_Right	23.11	/	/	24.41	/	/	<=33	Pass
		Outer_Full	23.12	/	/	24.42	/	/	<=33	Pass
		Inner_Full	24.03	/	/	25.33	/	/	<=33	Pass
		Inner_1RB_Left	24.23	/	/	25.53	/	/	<=33	Pass
		Inner_1RB_Right	24.08	/	/	25.38	/	/	<=33	Pass
		Edge_1RB_Left	23.13	/	/	24.43	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2512.5	Edge_1RB_Right	23.15	/	/	24.45	/	/	<=33	Pass
		Outer_Full	23.05	/	/	24.35	/	/	<=33	Pass
		Inner_Full	23.02	/	/	24.32	/	/	<=33	Pass
		Inner_1RB_Left	23.14	/	/	24.44	/	/	<=33	Pass
		Inner_1RB_Right	23.09	/	/	24.39	/	/	<=33	Pass
		Edge_1RB_Left	22.95	/	/	24.25	/	/	<=33	Pass
		Edge_1RB_Right	22.66	/	/	23.96	/	/	<=33	Pass
	2535	Outer_Full	22.68	/	/	23.98	/	/	<=33	Pass
		Inner_Full	22.81	/	/	24.11	/	/	<=33	Pass
		Inner_1RB_Left	22.81	/	/	24.11	/	/	<=33	Pass
		Inner_1RB_Right	22.72	/	/	24.02	/	/	<=33	Pass
		Edge_1RB_Left	22.75	/	/	24.05	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	24.05	/	/	<=33	Pass
		Outer_Full	22.63	/	/	23.93	/	/	<=33	Pass
2557.5	Inner_Full	22.57	/	/	23.87	/	/	<=33	Pass	
	Inner_1RB_Left	22.72	/	/	24.02	/	/	<=33	Pass	
	Inner_1RB_Right	22.76	/	/	24.06	/	/	<=33	Pass	
	Edge_1RB_Left	20.96	/	/	22.26	/	/	<=33	Pass	
	Edge_1RB_Right	20.84	/	/	22.14	/	/	<=33	Pass	
	Outer_Full	21.16	/	/	22.46	/	/	<=33	Pass	
	Inner_Full	21.09	/	/	22.39	/	/	<=33	Pass	
DFT-s-OFDM 256 QAM	2512.5	Inner_1RB_Left	20.96	/	/	22.26	/	/	<=33	Pass
		Inner_1RB_Right	20.92	/	/	22.22	/	/	<=33	Pass
		Edge_1RB_Left	20.45	/	/	21.75	/	/	<=33	Pass
		Edge_1RB_Right	20.54	/	/	21.84	/	/	<=33	Pass
		Outer_Full	20.66	/	/	21.96	/	/	<=33	Pass
		Inner_Full	20.77	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Left	20.71	/	/	22.01	/	/	<=33	Pass
	2535	Inner_1RB_Right	20.50	/	/	21.80	/	/	<=33	Pass
		Edge_1RB_Left	20.48	/	/	21.78	/	/	<=33	Pass
		Edge_1RB_Right	20.61	/	/	21.91	/	/	<=33	Pass
		Outer_Full	20.74	/	/	22.04	/	/	<=33	Pass
		Inner_Full	20.68	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Left	20.55	/	/	21.85	/	/	<=33	Pass
		Inner_1RB_Right	20.59	/	/	21.89	/	/	<=33	Pass



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CP-OFDM QPSK	2512.5	Edge_1RB_Left	22.29	/	/	23.59	/	/	<=33	Pass
		Edge_1RB_Right	22.29	/	/	23.59	/	/	<=33	Pass
		Outer_Full	22.52	/	/	23.82	/	/	<=33	Pass
		Inner_Full	23.95	/	/	25.25	/	/	<=33	Pass
		Inner_1RB_Left	23.71	/	/	25.01	/	/	<=33	Pass
	Inner_1RB_Right	23.79	/	/	25.09	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.15	/	/	23.45	/	/	<=33	Pass
		Edge_1RB_Right	21.93	/	/	23.23	/	/	<=33	Pass
		Outer_Full	22.19	/	/	23.49	/	/	<=33	Pass
		Inner_Full	23.71	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Left	23.56	/	/	24.86	/	/	<=33	Pass
	Inner_1RB_Right	23.41	/	/	24.71	/	/	<=33	Pass	
	2557.5	Edge_1RB_Left	22.00	/	/	23.30	/	/	<=33	Pass
		Edge_1RB_Right	21.88	/	/	23.18	/	/	<=33	Pass
		Outer_Full	22.15	/	/	23.45	/	/	<=33	Pass
Inner_Full		23.54	/	/	24.84	/	/	<=33	Pass	
Inner_1RB_Left		23.47	/	/	24.77	/	/	<=33	Pass	
Inner_1RB_Right	23.33	/	/	24.63	/	/	<=33	Pass		
CP-OFDM 16 QAM	2512.5	Edge_1RB_Left	22.40	/	/	23.70	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	23.81	/	/	<=33	Pass
		Outer_Full	22.52	/	/	23.82	/	/	<=33	Pass
		Inner_Full	23.50	/	/	24.80	/	/	<=33	Pass
		Inner_1RB_Left	23.43	/	/	24.73	/	/	<=33	Pass
	Inner_1RB_Right	23.46	/	/	24.76	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.32	/	/	23.62	/	/	<=33	Pass
		Edge_1RB_Right	22.14	/	/	23.44	/	/	<=33	Pass
		Outer_Full	22.18	/	/	23.48	/	/	<=33	Pass
		Inner_Full	23.20	/	/	24.50	/	/	<=33	Pass
		Inner_1RB_Left	23.39	/	/	24.69	/	/	<=33	Pass
	Inner_1RB_Right	23.09	/	/	24.39	/	/	<=33	Pass	
	2557.5	Edge_1RB_Left	22.20	/	/	23.50	/	/	<=33	Pass
		Edge_1RB_Right	22.05	/	/	23.35	/	/	<=33	Pass
		Outer_Full	22.14	/	/	23.44	/	/	<=33	Pass
Inner_Full		23.04	/	/	24.34	/	/	<=33	Pass	
Inner_1RB_Left		23.13	/	/	24.43	/	/	<=33	Pass	
Inner_1RB_Right	22.98	/	/	24.28	/	/	<=33	Pass		
CP-OFDM 64 QAM	2512.5	Edge_1RB_Left	21.95	/	/	23.25	/	/	<=33	Pass
		Edge_1RB_Right	21.96	/	/	23.26	/	/	<=33	Pass
		Outer_Full	22.01	/	/	23.31	/	/	<=33	Pass
		Inner_Full	22.00	/	/	23.30	/	/	<=33	Pass
		Inner_1RB_Left	21.92	/	/	23.22	/	/	<=33	Pass
	Inner_1RB_Right	21.92	/	/	23.22	/	/	<=33	Pass	
	2535	Edge_1RB_Left	21.66	/	/	22.96	/	/	<=33	Pass
		Edge_1RB_Right	21.56	/	/	22.86	/	/	<=33	Pass
		Outer_Full	21.66	/	/	22.96	/	/	<=33	Pass
		Inner_Full	21.73	/	/	23.03	/	/	<=33	Pass
		Inner_1RB_Left	21.74	/	/	23.04	/	/	<=33	Pass
	Inner_1RB_Right	21.64	/	/	22.94	/	/	<=33	Pass	
	2557.5	Edge_1RB_Left	21.59	/	/	22.89	/	/	<=33	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	21.58	/	/	22.88	/	/	<=33	Pass
		Outer_Full	21.64	/	/	22.94	/	/	<=33	Pass
		Inner_Full	21.57	/	/	22.87	/	/	<=33	Pass
		Inner_1RB_Left	21.63	/	/	22.93	/	/	<=33	Pass
		Inner_1RB_Right	21.50	/	/	22.80	/	/	<=33	Pass
	2512.5	Edge_1RB_Left	19.12	/	/	20.42	/	/	<=33	Pass
		Edge_1RB_Right	19.01	/	/	20.31	/	/	<=33	Pass
		Outer_Full	19.07	/	/	20.37	/	/	<=33	Pass
		Inner_Full	19.04	/	/	20.34	/	/	<=33	Pass
		Inner_1RB_Left	19.08	/	/	20.38	/	/	<=33	Pass
		Inner_1RB_Right	19.03	/	/	20.33	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.74	/	/	20.04	/	/	<=33	Pass
		Edge_1RB_Right	18.66	/	/	19.96	/	/	<=33	Pass
		Outer_Full	18.63	/	/	19.93	/	/	<=33	Pass
		Inner_Full	18.70	/	/	20.00	/	/	<=33	Pass
		Inner_1RB_Left	18.72	/	/	20.02	/	/	<=33	Pass
		Inner_1RB_Right	18.67	/	/	19.97	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	18.68	/	/	19.98	/	/	<=33	Pass
Edge_1RB_Right		18.72	/	/	20.02	/	/	<=33	Pass	
Outer_Full		18.72	/	/	20.02	/	/	<=33	Pass	
Inner_Full		18.66	/	/	19.96	/	/	<=33	Pass	
Inner_1RB_Left		18.66	/	/	19.96	/	/	<=33	Pass	
Inner_1RB_Right		18.74	/	/	20.04	/	/	<=33	Pass	

Note1: Antenna Gain: Ant1: 1.30dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.6 15k_SISO_30MHz_NTNV_EIRP

1.6.1 Test Result

5G NR n7 SCS=15kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2515	Edge_1RB_Left	24.64	/	/	25.94	/	/	<=33	Pass
		Edge_1RB_Right	24.84	/	/	26.14	/	/	<=33	Pass
		Outer_Full	23.35	/	/	24.65	/	/	<=33	Pass
		Inner_Full	24.37	/	/	25.67	/	/	<=33	Pass
		Inner_1RB_Left	25.17	/	/	26.47	/	/	<=33	Pass
		Inner_1RB_Right	24.36	/	/	25.66	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.76	/	/	26.06	/	/	<=33	Pass
		Edge_1RB_Right	23.00	/	/	24.30	/	/	<=33	Pass
		Outer_Full	23.28	/	/	24.58	/	/	<=33	Pass
		Inner_Full	23.24	/	/	24.54	/	/	<=33	Pass
		Inner_1RB_Left	23.30	/	/	24.60	/	/	<=33	Pass
		Inner_1RB_Right	23.03	/	/	24.33	/	/	<=33	Pass
	2555	Edge_1RB_Left	24.60	/	/	25.90	/	/	<=33	Pass
		Edge_1RB_Right	24.40	/	/	25.70	/	/	<=33	Pass
		Outer_Full	24.05	/	/	25.35	/	/	<=33	Pass
		Inner_Full	23.99	/	/	25.29	/	/	<=33	Pass
		Inner_1RB_Left	25.08	/	/	26.38	/	/	<=33	Pass
		Inner_1RB_Right	24.87	/	/	26.17	/	/	<=33	Pass
DFT-s-OFDM QPSK	2515	Edge_1RB_Left	24.16	/	/	25.46	/	/	<=33	Pass
		Edge_1RB_Right	24.26	/	/	25.56	/	/	<=33	Pass
		Outer_Full	23.36	/	/	24.66	/	/	<=33	Pass
		Inner_Full	24.39	/	/	25.69	/	/	<=33	Pass
		Inner_1RB_Left	25.11	/	/	26.41	/	/	<=33	Pass
		Inner_1RB_Right	24.35	/	/	25.65	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.18	/	/	25.48	/	/	<=33	Pass
		Edge_1RB_Right	22.98	/	/	24.28	/	/	<=33	Pass
		Outer_Full	23.28	/	/	24.58	/	/	<=33	Pass
		Inner_Full	23.27	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Left	23.25	/	/	24.55	/	/	<=33	Pass
		Inner_1RB_Right	23.00	/	/	24.30	/	/	<=33	Pass
	2555	Edge_1RB_Left	24.06	/	/	25.36	/	/	<=33	Pass
		Edge_1RB_Right	23.96	/	/	25.26	/	/	<=33	Pass
		Outer_Full	24.07	/	/	25.37	/	/	<=33	Pass
		Inner_Full	24.01	/	/	25.31	/	/	<=33	Pass
		Inner_1RB_Left	25.03	/	/	26.33	/	/	<=33	Pass
		Inner_1RB_Right	24.77	/	/	26.07	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2515	Edge_1RB_Left	23.41	/	/	24.71	/	/	<=33	Pass
		Edge_1RB_Right	23.52	/	/	24.82	/	/	<=33	Pass
		Outer_Full	23.40	/	/	24.70	/	/	<=33	Pass
		Inner_Full	23.36	/	/	24.66	/	/	<=33	Pass
		Inner_1RB_Left	23.40	/	/	24.70	/	/	<=33	Pass



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	2535	Inner_1RB_Right	23.51	/	/	24.81	/	/	<=33	Pass
		Edge_1RB_Left	23.45	/	/	24.75	/	/	<=33	Pass
		Edge_1RB_Right	23.23	/	/	24.53	/	/	<=33	Pass
		Outer_Full	23.25	/	/	24.55	/	/	<=33	Pass
		Inner_Full	23.26	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Left	23.57	/	/	24.87	/	/	<=33	Pass
		Inner_1RB_Right	23.20	/	/	24.50	/	/	<=33	Pass
	2555	Edge_1RB_Left	23.24	/	/	24.54	/	/	<=33	Pass
		Edge_1RB_Right	23.09	/	/	24.39	/	/	<=33	Pass
		Outer_Full	23.04	/	/	24.34	/	/	<=33	Pass
		Inner_Full	24.02	/	/	25.32	/	/	<=33	Pass
		Inner_1RB_Left	24.33	/	/	25.63	/	/	<=33	Pass
		Inner_1RB_Right	24.19	/	/	25.49	/	/	<=33	Pass
		Edge_1RB_Left	23.05	/	/	24.35	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2515	Edge_1RB_Right	23.03	/	/	24.33	/	/	<=33	Pass
		Outer_Full	22.90	/	/	24.20	/	/	<=33	Pass
		Inner_Full	22.89	/	/	24.19	/	/	<=33	Pass
		Inner_1RB_Left	23.02	/	/	24.32	/	/	<=33	Pass
		Inner_1RB_Right	23.10	/	/	24.40	/	/	<=33	Pass
		Edge_1RB_Left	23.00	/	/	24.30	/	/	<=33	Pass
		Edge_1RB_Right	22.68	/	/	23.98	/	/	<=33	Pass
	2535	Outer_Full	22.74	/	/	24.04	/	/	<=33	Pass
		Inner_Full	22.80	/	/	24.10	/	/	<=33	Pass
		Inner_1RB_Left	22.91	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Right	22.78	/	/	24.08	/	/	<=33	Pass
		Edge_1RB_Left	22.86	/	/	24.16	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	24.05	/	/	<=33	Pass
		Outer_Full	22.60	/	/	23.90	/	/	<=33	Pass
2555	Inner_Full	22.52	/	/	23.82	/	/	<=33	Pass	
	Inner_1RB_Left	22.86	/	/	24.16	/	/	<=33	Pass	
	Inner_1RB_Right	22.71	/	/	24.01	/	/	<=33	Pass	
	Edge_1RB_Left	20.87	/	/	22.17	/	/	<=33	Pass	
	Edge_1RB_Right	20.71	/	/	22.01	/	/	<=33	Pass	
	Outer_Full	20.92	/	/	22.22	/	/	<=33	Pass	
	Inner_Full	20.87	/	/	22.17	/	/	<=33	Pass	
DFT-s-OFDM 256 QAM	2515	Inner_1RB_Left	20.78	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Right	20.80	/	/	22.10	/	/	<=33	Pass
		Edge_1RB_Left	20.79	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	20.63	/	/	21.93	/	/	<=33	Pass
		Outer_Full	20.73	/	/	22.03	/	/	<=33	Pass
		Inner_Full	20.70	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Left	20.73	/	/	22.03	/	/	<=33	Pass
	2535	Inner_1RB_Right	20.57	/	/	21.87	/	/	<=33	Pass
		Edge_1RB_Left	20.56	/	/	21.86	/	/	<=33	Pass
		Edge_1RB_Right	20.51	/	/	21.81	/	/	<=33	Pass
		Outer_Full	20.61	/	/	21.91	/	/	<=33	Pass
		Inner_Full	20.59	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Left	20.65	/	/	21.95	/	/	<=33	Pass
		Inner_1RB_Right	20.58	/	/	21.88	/	/	<=33	Pass



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CP-OFDM QPSK	2515	Edge_1RB_Left	22.10	/	/	23.40	/	/	<=33	Pass
		Edge_1RB_Right	22.21	/	/	23.51	/	/	<=33	Pass
		Outer_Full	22.34	/	/	23.64	/	/	<=33	Pass
		Inner_Full	23.85	/	/	25.15	/	/	<=33	Pass
		Inner_1RB_Left	23.76	/	/	25.06	/	/	<=33	Pass
	Inner_1RB_Right	23.75	/	/	25.05	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.23	/	/	23.53	/	/	<=33	Pass
		Edge_1RB_Right	21.95	/	/	23.25	/	/	<=33	Pass
		Outer_Full	22.23	/	/	23.53	/	/	<=33	Pass
		Inner_Full	23.80	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Left	23.65	/	/	24.95	/	/	<=33	Pass
	Inner_1RB_Right	23.41	/	/	24.71	/	/	<=33	Pass	
	2555	Edge_1RB_Left	22.10	/	/	23.40	/	/	<=33	Pass
		Edge_1RB_Right	21.85	/	/	23.15	/	/	<=33	Pass
		Outer_Full	22.06	/	/	23.36	/	/	<=33	Pass
Inner_Full		23.51	/	/	24.81	/	/	<=33	Pass	
Inner_1RB_Left		23.46	/	/	24.76	/	/	<=33	Pass	
Inner_1RB_Right	23.29	/	/	24.59	/	/	<=33	Pass		
CP-OFDM 16 QAM	2515	Edge_1RB_Left	22.22	/	/	23.52	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	23.73	/	/	<=33	Pass
		Outer_Full	22.31	/	/	23.61	/	/	<=33	Pass
		Inner_Full	23.30	/	/	24.60	/	/	<=33	Pass
		Inner_1RB_Left	23.32	/	/	24.62	/	/	<=33	Pass
	Inner_1RB_Right	23.35	/	/	24.65	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.36	/	/	23.66	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	23.49	/	/	<=33	Pass
		Outer_Full	22.20	/	/	23.50	/	/	<=33	Pass
		Inner_Full	23.21	/	/	24.51	/	/	<=33	Pass
		Inner_1RB_Left	23.35	/	/	24.65	/	/	<=33	Pass
	Inner_1RB_Right	23.11	/	/	24.41	/	/	<=33	Pass	
	2555	Edge_1RB_Left	22.23	/	/	23.53	/	/	<=33	Pass
		Edge_1RB_Right	21.99	/	/	23.29	/	/	<=33	Pass
		Outer_Full	22.09	/	/	23.39	/	/	<=33	Pass
Inner_Full		22.99	/	/	24.29	/	/	<=33	Pass	
Inner_1RB_Left		23.20	/	/	24.50	/	/	<=33	Pass	
Inner_1RB_Right	22.94	/	/	24.24	/	/	<=33	Pass		
CP-OFDM 64 QAM	2515	Edge_1RB_Left	21.77	/	/	23.07	/	/	<=33	Pass
		Edge_1RB_Right	21.90	/	/	23.20	/	/	<=33	Pass
		Outer_Full	21.83	/	/	23.13	/	/	<=33	Pass
		Inner_Full	21.84	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Left	21.77	/	/	23.07	/	/	<=33	Pass
	Inner_1RB_Right	21.82	/	/	23.12	/	/	<=33	Pass	
	2535	Edge_1RB_Left	21.81	/	/	23.11	/	/	<=33	Pass
		Edge_1RB_Right	21.65	/	/	22.95	/	/	<=33	Pass
		Outer_Full	21.73	/	/	23.03	/	/	<=33	Pass
		Inner_Full	21.74	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Left	21.79	/	/	23.09	/	/	<=33	Pass
	Inner_1RB_Right	21.63	/	/	22.93	/	/	<=33	Pass	
	2555	Edge_1RB_Left	21.72	/	/	23.02	/	/	<=33	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	21.54	/	/	22.84	/	/	<=33	Pass	
		Outer_Full	21.56	/	/	22.86	/	/	<=33	Pass	
		Inner_Full	21.51	/	/	22.81	/	/	<=33	Pass	
		Inner_1RB_Left	21.69	/	/	22.99	/	/	<=33	Pass	
		Inner_1RB_Right	21.44	/	/	22.74	/	/	<=33	Pass	
	2515	Edge_1RB_Left	18.97	/	/	20.27	/	/	<=33	Pass	
		Edge_1RB_Right	18.91	/	/	20.21	/	/	<=33	Pass	
		Outer_Full	18.86	/	/	20.16	/	/	<=33	Pass	
		Inner_Full	18.83	/	/	20.13	/	/	<=33	Pass	
		Inner_1RB_Left	18.96	/	/	20.26	/	/	<=33	Pass	
		Inner_1RB_Right	18.91	/	/	20.21	/	/	<=33	Pass	
		2535	Edge_1RB_Left	18.89	/	/	20.19	/	/	<=33	Pass
			Edge_1RB_Right	18.77	/	/	20.07	/	/	<=33	Pass
			Outer_Full	18.69	/	/	19.99	/	/	<=33	Pass
			Inner_Full	18.69	/	/	19.99	/	/	<=33	Pass
	Inner_1RB_Left		18.83	/	/	20.13	/	/	<=33	Pass	
	2555	Inner_1RB_Right	18.64	/	/	19.94	/	/	<=33	Pass	
		Edge_1RB_Left	18.68	/	/	19.98	/	/	<=33	Pass	
		Edge_1RB_Right	18.64	/	/	19.94	/	/	<=33	Pass	
		Outer_Full	18.63	/	/	19.93	/	/	<=33	Pass	
		Inner_Full	18.59	/	/	19.89	/	/	<=33	Pass	
		Inner_1RB_Left	18.70	/	/	20.00	/	/	<=33	Pass	
		Inner_1RB_Right	18.64	/	/	19.94	/	/	<=33	Pass	

Note1: Antenna Gain: Ant1: 1.30dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.7 15k_SISO_40MHz_NTNV_EIRP

1.7.1 Test Result

5G NR n7 SCS=15kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2520	Edge_1RB_Left	24.26	/	/	25.56	/	/	<=33	Pass
		Edge_1RB_Right	24.28	/	/	25.58	/	/	<=33	Pass
		Outer_Full	23.42	/	/	24.72	/	/	<=33	Pass
		Inner_Full	25.20	/	/	26.50	/	/	<=33	Pass
		Inner_1RB_Left	25.26	/	/	26.56	/	/	<=33	Pass
		Inner_1RB_Right	25.24	/	/	26.54	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.65	/	/	25.95	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	24.21	/	/	<=33	Pass
		Outer_Full	23.12	/	/	24.42	/	/	<=33	Pass
		Inner_Full	23.23	/	/	24.53	/	/	<=33	Pass
		Inner_1RB_Left	23.17	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Right	22.89	/	/	24.19	/	/	<=33	Pass
	2550	Edge_1RB_Left	24.84	/	/	26.14	/	/	<=33	Pass
		Edge_1RB_Right	24.50	/	/	25.80	/	/	<=33	Pass
		Outer_Full	24.71	/	/	26.01	/	/	<=33	Pass
		Inner_Full	25.18	/	/	26.48	/	/	<=33	Pass
		Inner_1RB_Left	25.35	/	/	26.65	/	/	<=33	Pass
		Inner_1RB_Right	24.95	/	/	26.25	/	/	<=33	Pass
DFT-s-OFDM QPSK	2520	Edge_1RB_Left	24.21	/	/	25.51	/	/	<=33	Pass
		Edge_1RB_Right	24.22	/	/	25.52	/	/	<=33	Pass
		Outer_Full	23.44	/	/	24.74	/	/	<=33	Pass
		Inner_Full	24.51	/	/	25.81	/	/	<=33	Pass
		Inner_1RB_Left	25.16	/	/	26.46	/	/	<=33	Pass
		Inner_1RB_Right	25.17	/	/	26.47	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.10	/	/	25.40	/	/	<=33	Pass
		Edge_1RB_Right	22.91	/	/	24.21	/	/	<=33	Pass
		Outer_Full	23.16	/	/	24.46	/	/	<=33	Pass
		Inner_Full	23.29	/	/	24.59	/	/	<=33	Pass
		Inner_1RB_Left	23.20	/	/	24.50	/	/	<=33	Pass
		Inner_1RB_Right	22.88	/	/	24.18	/	/	<=33	Pass
	2550	Edge_1RB_Left	24.27	/	/	25.57	/	/	<=33	Pass
		Edge_1RB_Right	23.95	/	/	25.25	/	/	<=33	Pass
		Outer_Full	24.21	/	/	25.51	/	/	<=33	Pass
		Inner_Full	25.20	/	/	26.50	/	/	<=33	Pass
		Inner_1RB_Left	25.24	/	/	26.54	/	/	<=33	Pass
		Inner_1RB_Right	24.87	/	/	26.17	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2520	Edge_1RB_Left	23.45	/	/	24.75	/	/	<=33	Pass
		Edge_1RB_Right	23.42	/	/	24.72	/	/	<=33	Pass
		Outer_Full	23.47	/	/	24.77	/	/	<=33	Pass
		Inner_Full	23.48	/	/	24.78	/	/	<=33	Pass
		Inner_1RB_Left	23.45	/	/	24.75	/	/	<=33	Pass



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	2535	Inner_1RB_Right	23.42	/	/	24.72	/	/	<=33	Pass
		Edge_1RB_Left	23.41	/	/	24.71	/	/	<=33	Pass
		Edge_1RB_Right	23.06	/	/	24.36	/	/	<=33	Pass
		Outer_Full	23.12	/	/	24.42	/	/	<=33	Pass
		Inner_Full	23.26	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Left	23.44	/	/	24.74	/	/	<=33	Pass
		Inner_1RB_Right	23.12	/	/	24.42	/	/	<=33	Pass
	2550	Edge_1RB_Left	23.50	/	/	24.80	/	/	<=33	Pass
		Edge_1RB_Right	23.14	/	/	24.44	/	/	<=33	Pass
		Outer_Full	23.23	/	/	24.53	/	/	<=33	Pass
		Inner_Full	24.22	/	/	25.52	/	/	<=33	Pass
		Inner_1RB_Left	24.51	/	/	25.81	/	/	<=33	Pass
		Inner_1RB_Right	24.22	/	/	25.52	/	/	<=33	Pass
		Edge_1RB_Left	23.09	/	/	24.39	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2520	Edge_1RB_Right	23.05	/	/	24.35	/	/	<=33	Pass
		Outer_Full	22.93	/	/	24.23	/	/	<=33	Pass
		Inner_Full	22.97	/	/	24.27	/	/	<=33	Pass
		Inner_1RB_Left	23.09	/	/	24.39	/	/	<=33	Pass
		Inner_1RB_Right	23.03	/	/	24.33	/	/	<=33	Pass
		Edge_1RB_Left	22.91	/	/	24.21	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	23.93	/	/	<=33	Pass
	2535	Outer_Full	22.63	/	/	23.93	/	/	<=33	Pass
		Inner_Full	22.76	/	/	24.06	/	/	<=33	Pass
		Inner_1RB_Left	22.78	/	/	24.08	/	/	<=33	Pass
		Inner_1RB_Right	22.65	/	/	23.95	/	/	<=33	Pass
		Edge_1RB_Left	23.09	/	/	24.39	/	/	<=33	Pass
		Edge_1RB_Right	22.79	/	/	24.09	/	/	<=33	Pass
		Outer_Full	22.73	/	/	24.03	/	/	<=33	Pass
2550	Inner_Full	22.70	/	/	24.00	/	/	<=33	Pass	
	Inner_1RB_Left	23.08	/	/	24.38	/	/	<=33	Pass	
	Inner_1RB_Right	22.80	/	/	24.10	/	/	<=33	Pass	
	Edge_1RB_Left	20.93	/	/	22.23	/	/	<=33	Pass	
	Edge_1RB_Right	20.71	/	/	22.01	/	/	<=33	Pass	
	Outer_Full	20.99	/	/	22.29	/	/	<=33	Pass	
	Inner_Full	20.96	/	/	22.26	/	/	<=33	Pass	
DFT-s-OFDM 256 QAM	2520	Inner_1RB_Left	20.91	/	/	22.21	/	/	<=33	Pass
		Inner_1RB_Right	20.74	/	/	22.04	/	/	<=33	Pass
		Edge_1RB_Left	20.76	/	/	22.06	/	/	<=33	Pass
		Edge_1RB_Right	20.53	/	/	21.83	/	/	<=33	Pass
		Outer_Full	20.66	/	/	21.96	/	/	<=33	Pass
		Inner_Full	20.75	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Left	20.75	/	/	22.05	/	/	<=33	Pass
	2535	Inner_1RB_Right	20.54	/	/	21.84	/	/	<=33	Pass
		Edge_1RB_Left	20.83	/	/	22.13	/	/	<=33	Pass
		Edge_1RB_Right	20.64	/	/	21.94	/	/	<=33	Pass
		Outer_Full	20.77	/	/	22.07	/	/	<=33	Pass
		Inner_Full	20.77	/	/	22.07	/	/	<=33	Pass
		Inner_1RB_Left	20.80	/	/	22.10	/	/	<=33	Pass
		Inner_1RB_Right	20.66	/	/	21.96	/	/	<=33	Pass



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CP-OFDM QPSK	2520	Edge_1RB_Left	22.18	/	/	23.48	/	/	<=33	Pass
		Edge_1RB_Right	22.18	/	/	23.48	/	/	<=33	Pass
		Outer_Full	22.47	/	/	23.77	/	/	<=33	Pass
		Inner_Full	23.94	/	/	25.24	/	/	<=33	Pass
		Inner_1RB_Left	23.66	/	/	24.96	/	/	<=33	Pass
	Inner_1RB_Right	23.70	/	/	25.00	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.03	/	/	23.33	/	/	<=33	Pass
		Edge_1RB_Right	21.82	/	/	23.12	/	/	<=33	Pass
		Outer_Full	22.17	/	/	23.47	/	/	<=33	Pass
		Inner_Full	23.70	/	/	25.00	/	/	<=33	Pass
		Inner_1RB_Left	23.59	/	/	24.89	/	/	<=33	Pass
	Inner_1RB_Right	23.43	/	/	24.73	/	/	<=33	Pass	
	2550	Edge_1RB_Left	22.21	/	/	23.51	/	/	<=33	Pass
		Edge_1RB_Right	21.89	/	/	23.19	/	/	<=33	Pass
		Outer_Full	22.28	/	/	23.58	/	/	<=33	Pass
Inner_Full		23.70	/	/	25.00	/	/	<=33	Pass	
Inner_1RB_Left		23.73	/	/	25.03	/	/	<=33	Pass	
Inner_1RB_Right	23.49	/	/	24.79	/	/	<=33	Pass		
CP-OFDM 16 QAM	2520	Edge_1RB_Left	22.38	/	/	23.68	/	/	<=33	Pass
		Edge_1RB_Right	22.39	/	/	23.69	/	/	<=33	Pass
		Outer_Full	22.42	/	/	23.72	/	/	<=33	Pass
		Inner_Full	23.45	/	/	24.75	/	/	<=33	Pass
		Inner_1RB_Left	23.40	/	/	24.70	/	/	<=33	Pass
	Inner_1RB_Right	23.36	/	/	24.66	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.28	/	/	23.58	/	/	<=33	Pass
		Edge_1RB_Right	22.01	/	/	23.31	/	/	<=33	Pass
		Outer_Full	22.14	/	/	23.44	/	/	<=33	Pass
		Inner_Full	23.27	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Left	23.26	/	/	24.56	/	/	<=33	Pass
	Inner_1RB_Right	23.02	/	/	24.32	/	/	<=33	Pass	
	2550	Edge_1RB_Left	22.38	/	/	23.68	/	/	<=33	Pass
		Edge_1RB_Right	22.11	/	/	23.41	/	/	<=33	Pass
		Outer_Full	22.27	/	/	23.57	/	/	<=33	Pass
Inner_Full		23.20	/	/	24.50	/	/	<=33	Pass	
Inner_1RB_Left		23.38	/	/	24.68	/	/	<=33	Pass	
Inner_1RB_Right	23.09	/	/	24.39	/	/	<=33	Pass		
CP-OFDM 64 QAM	2520	Edge_1RB_Left	21.87	/	/	23.17	/	/	<=33	Pass
		Edge_1RB_Right	21.92	/	/	23.22	/	/	<=33	Pass
		Outer_Full	21.92	/	/	23.22	/	/	<=33	Pass
		Inner_Full	21.92	/	/	23.22	/	/	<=33	Pass
		Inner_1RB_Left	21.86	/	/	23.16	/	/	<=33	Pass
	Inner_1RB_Right	21.89	/	/	23.19	/	/	<=33	Pass	
	2535	Edge_1RB_Left	21.75	/	/	23.05	/	/	<=33	Pass
		Edge_1RB_Right	21.50	/	/	22.80	/	/	<=33	Pass
		Outer_Full	21.65	/	/	22.95	/	/	<=33	Pass
		Inner_Full	21.73	/	/	23.03	/	/	<=33	Pass
		Inner_1RB_Left	21.67	/	/	22.97	/	/	<=33	Pass
	Inner_1RB_Right	21.54	/	/	22.84	/	/	<=33	Pass	
	2550	Edge_1RB_Left	21.92	/	/	23.22	/	/	<=33	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	21.62	/	/	22.92	/	/	<=33	Pass	
		Outer_Full	21.78	/	/	23.08	/	/	<=33	Pass	
		Inner_Full	21.76	/	/	23.06	/	/	<=33	Pass	
		Inner_1RB_Left	21.89	/	/	23.19	/	/	<=33	Pass	
		Inner_1RB_Right	21.65	/	/	22.95	/	/	<=33	Pass	
	2520	Edge_1RB_Left	19.07	/	/	20.37	/	/	<=33	Pass	
		Edge_1RB_Right	18.92	/	/	20.22	/	/	<=33	Pass	
		Outer_Full	19.00	/	/	20.30	/	/	<=33	Pass	
		Inner_Full	18.95	/	/	20.25	/	/	<=33	Pass	
		Inner_1RB_Left	19.05	/	/	20.35	/	/	<=33	Pass	
		Inner_1RB_Right	18.92	/	/	20.22	/	/	<=33	Pass	
		2535	Edge_1RB_Left	18.81	/	/	20.11	/	/	<=33	Pass
			Edge_1RB_Right	18.64	/	/	19.94	/	/	<=33	Pass
			Outer_Full	18.68	/	/	19.98	/	/	<=33	Pass
			Inner_Full	18.72	/	/	20.02	/	/	<=33	Pass
	Inner_1RB_Left		18.84	/	/	20.14	/	/	<=33	Pass	
	2550	Inner_1RB_Right	18.67	/	/	19.97	/	/	<=33	Pass	
		Edge_1RB_Left	18.91	/	/	20.21	/	/	<=33	Pass	
		Edge_1RB_Right	18.84	/	/	20.14	/	/	<=33	Pass	
		Outer_Full	18.76	/	/	20.06	/	/	<=33	Pass	
Inner_Full		18.71	/	/	20.01	/	/	<=33	Pass		
Inner_1RB_Left		18.90	/	/	20.20	/	/	<=33	Pass		
Inner_1RB_Right		18.81	/	/	20.11	/	/	<=33	Pass		

Note1: Antenna Gain: Ant1: 1.30dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.8 15k_SISO_50MHz_NTNV_EIRP

1.8.1 Test Result

5G NR n7 SCS=15kHz SISO 50MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2525	Edge_1RB_Left	24.61	/	/	25.91	/	/	<=33	Pass
		Edge_1RB_Right	24.48	/	/	25.78	/	/	<=33	Pass
		Outer_Full	24.27	/	/	25.57	/	/	<=33	Pass
		Inner_Full	25.36	/	/	26.66	/	/	<=33	Pass
		Inner_1RB_Left	25.10	/	/	26.40	/	/	<=33	Pass
		Inner_1RB_Right	24.92	/	/	26.22	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.68	/	/	25.98	/	/	<=33	Pass
		Edge_1RB_Right	23.92	/	/	25.22	/	/	<=33	Pass
		Outer_Full	24.09	/	/	25.39	/	/	<=33	Pass
		Inner_Full	24.25	/	/	25.55	/	/	<=33	Pass
		Inner_1RB_Left	24.19	/	/	25.49	/	/	<=33	Pass
		Inner_1RB_Right	23.92	/	/	25.22	/	/	<=33	Pass
	2545	Edge_1RB_Left	24.66	/	/	25.96	/	/	<=33	Pass
		Edge_1RB_Right	24.35	/	/	25.65	/	/	<=33	Pass
		Outer_Full	24.58	/	/	25.88	/	/	<=33	Pass
		Inner_Full	25.10	/	/	26.40	/	/	<=33	Pass
		Inner_1RB_Left	25.05	/	/	26.35	/	/	<=33	Pass
		Inner_1RB_Right	24.87	/	/	26.17	/	/	<=33	Pass
DFT-s-OFDM QPSK	2525	Edge_1RB_Left	24.07	/	/	25.37	/	/	<=33	Pass
		Edge_1RB_Right	23.98	/	/	25.28	/	/	<=33	Pass
		Outer_Full	24.28	/	/	25.58	/	/	<=33	Pass
		Inner_Full	25.37	/	/	26.67	/	/	<=33	Pass
		Inner_1RB_Left	25.05	/	/	26.35	/	/	<=33	Pass
		Inner_1RB_Right	24.93	/	/	26.23	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.08	/	/	25.38	/	/	<=33	Pass
		Edge_1RB_Right	23.84	/	/	25.14	/	/	<=33	Pass
		Outer_Full	24.16	/	/	25.46	/	/	<=33	Pass
		Inner_Full	24.32	/	/	25.62	/	/	<=33	Pass
		Inner_1RB_Left	24.90	/	/	26.20	/	/	<=33	Pass
		Inner_1RB_Right	23.87	/	/	25.17	/	/	<=33	Pass
	2545	Edge_1RB_Left	24.10	/	/	25.40	/	/	<=33	Pass
		Edge_1RB_Right	23.85	/	/	25.15	/	/	<=33	Pass
		Outer_Full	24.13	/	/	25.43	/	/	<=33	Pass
		Inner_Full	25.15	/	/	26.45	/	/	<=33	Pass
		Inner_1RB_Left	25.03	/	/	26.33	/	/	<=33	Pass
		Inner_1RB_Right	24.74	/	/	26.04	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2525	Edge_1RB_Left	23.33	/	/	24.63	/	/	<=33	Pass
		Edge_1RB_Right	23.18	/	/	24.48	/	/	<=33	Pass
		Outer_Full	23.29	/	/	24.59	/	/	<=33	Pass
		Inner_Full	24.31	/	/	25.61	/	/	<=33	Pass
		Inner_1RB_Left	24.38	/	/	25.68	/	/	<=33	Pass



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	2535	Inner_1RB_Right	24.18	/	/	25.48	/	/	<=33	Pass
		Edge_1RB_Left	23.35	/	/	24.65	/	/	<=33	Pass
		Edge_1RB_Right	23.02	/	/	24.32	/	/	<=33	Pass
		Outer_Full	23.16	/	/	24.46	/	/	<=33	Pass
		Inner_Full	24.28	/	/	25.58	/	/	<=33	Pass
		Inner_1RB_Left	24.46	/	/	25.76	/	/	<=33	Pass
		Inner_1RB_Right	24.07	/	/	25.37	/	/	<=33	Pass
	2545	Edge_1RB_Left	23.35	/	/	24.65	/	/	<=33	Pass
		Edge_1RB_Right	23.04	/	/	24.34	/	/	<=33	Pass
		Outer_Full	23.13	/	/	24.43	/	/	<=33	Pass
		Inner_Full	24.17	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Left	24.45	/	/	25.75	/	/	<=33	Pass
		Inner_1RB_Right	24.16	/	/	25.46	/	/	<=33	Pass
		Edge_1RB_Left	22.76	/	/	24.06	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2525	Edge_1RB_Right	22.75	/	/	24.05	/	/	<=33	Pass
		Outer_Full	22.78	/	/	24.08	/	/	<=33	Pass
		Inner_Full	22.83	/	/	24.13	/	/	<=33	Pass
		Inner_1RB_Left	22.91	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Right	22.77	/	/	24.07	/	/	<=33	Pass
		Edge_1RB_Left	22.92	/	/	24.22	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	23.95	/	/	<=33	Pass
	2535	Outer_Full	22.64	/	/	23.94	/	/	<=33	Pass
		Inner_Full	22.78	/	/	24.08	/	/	<=33	Pass
		Inner_1RB_Left	22.85	/	/	24.15	/	/	<=33	Pass
		Inner_1RB_Right	22.70	/	/	24.00	/	/	<=33	Pass
		Edge_1RB_Left	22.83	/	/	24.13	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	23.95	/	/	<=33	Pass
		Outer_Full	22.61	/	/	23.91	/	/	<=33	Pass
2545	Inner_Full	22.68	/	/	23.98	/	/	<=33	Pass	
	Inner_1RB_Left	22.93	/	/	24.23	/	/	<=33	Pass	
	Inner_1RB_Right	22.69	/	/	23.99	/	/	<=33	Pass	
	Edge_1RB_Left	20.80	/	/	22.10	/	/	<=33	Pass	
	Edge_1RB_Right	20.53	/	/	21.83	/	/	<=33	Pass	
	Outer_Full	20.83	/	/	22.13	/	/	<=33	Pass	
	Inner_Full	20.85	/	/	22.15	/	/	<=33	Pass	
DFT-s-OFDM 256 QAM	2525	Inner_1RB_Left	20.73	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Right	20.55	/	/	21.85	/	/	<=33	Pass
		Edge_1RB_Left	20.77	/	/	22.07	/	/	<=33	Pass
		Edge_1RB_Right	20.54	/	/	21.84	/	/	<=33	Pass
		Outer_Full	20.62	/	/	21.92	/	/	<=33	Pass
		Inner_Full	20.75	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Left	20.75	/	/	22.05	/	/	<=33	Pass
	2535	Inner_1RB_Right	20.53	/	/	21.83	/	/	<=33	Pass
		Edge_1RB_Left	20.72	/	/	22.02	/	/	<=33	Pass
		Edge_1RB_Right	20.52	/	/	21.82	/	/	<=33	Pass
		Outer_Full	20.67	/	/	21.97	/	/	<=33	Pass
		Inner_Full	20.71	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Left	20.73	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Right	20.52	/	/	21.82	/	/	<=33	Pass



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CP-OFDM QPSK	2525	Edge_1RB_Left	22.08	/	/	23.38	/	/	<=33	Pass
		Edge_1RB_Right	21.94	/	/	23.24	/	/	<=33	Pass
		Outer_Full	22.33	/	/	23.63	/	/	<=33	Pass
		Inner_Full	23.83	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Left	23.53	/	/	24.83	/	/	<=33	Pass
	Inner_1RB_Right	23.40	/	/	24.70	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.05	/	/	23.35	/	/	<=33	Pass
		Edge_1RB_Right	21.84	/	/	23.14	/	/	<=33	Pass
		Outer_Full	22.15	/	/	23.45	/	/	<=33	Pass
		Inner_Full	23.76	/	/	25.06	/	/	<=33	Pass
		Inner_1RB_Left	23.55	/	/	24.85	/	/	<=33	Pass
	Inner_1RB_Right	23.35	/	/	24.65	/	/	<=33	Pass	
	2545	Edge_1RB_Left	22.15	/	/	23.45	/	/	<=33	Pass
		Edge_1RB_Right	21.75	/	/	23.05	/	/	<=33	Pass
		Outer_Full	22.14	/	/	23.44	/	/	<=33	Pass
Inner_Full		23.66	/	/	24.96	/	/	<=33	Pass	
Inner_1RB_Left		23.54	/	/	24.84	/	/	<=33	Pass	
Inner_1RB_Right	23.29	/	/	24.59	/	/	<=33	Pass		
CP-OFDM 16 QAM	2525	Edge_1RB_Left	22.21	/	/	23.51	/	/	<=33	Pass
		Edge_1RB_Right	22.15	/	/	23.45	/	/	<=33	Pass
		Outer_Full	22.35	/	/	23.65	/	/	<=33	Pass
		Inner_Full	23.31	/	/	24.61	/	/	<=33	Pass
		Inner_1RB_Left	23.19	/	/	24.49	/	/	<=33	Pass
	Inner_1RB_Right	23.13	/	/	24.43	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.24	/	/	23.54	/	/	<=33	Pass
		Edge_1RB_Right	22.09	/	/	23.39	/	/	<=33	Pass
		Outer_Full	22.14	/	/	23.44	/	/	<=33	Pass
		Inner_Full	23.25	/	/	24.55	/	/	<=33	Pass
		Inner_1RB_Left	23.25	/	/	24.55	/	/	<=33	Pass
	Inner_1RB_Right	22.97	/	/	24.27	/	/	<=33	Pass	
	2545	Edge_1RB_Left	22.28	/	/	23.58	/	/	<=33	Pass
		Edge_1RB_Right	22.01	/	/	23.31	/	/	<=33	Pass
		Outer_Full	22.15	/	/	23.45	/	/	<=33	Pass
Inner_Full		23.13	/	/	24.43	/	/	<=33	Pass	
Inner_1RB_Left		23.29	/	/	24.59	/	/	<=33	Pass	
Inner_1RB_Right	22.99	/	/	24.29	/	/	<=33	Pass		
CP-OFDM 64 QAM	2525	Edge_1RB_Left	21.76	/	/	23.06	/	/	<=33	Pass
		Edge_1RB_Right	21.63	/	/	22.93	/	/	<=33	Pass
		Outer_Full	21.82	/	/	23.12	/	/	<=33	Pass
		Inner_Full	21.82	/	/	23.12	/	/	<=33	Pass
		Inner_1RB_Left	21.73	/	/	23.03	/	/	<=33	Pass
	Inner_1RB_Right	21.55	/	/	22.85	/	/	<=33	Pass	
	2535	Edge_1RB_Left	21.76	/	/	23.06	/	/	<=33	Pass
		Edge_1RB_Right	21.48	/	/	22.78	/	/	<=33	Pass
		Outer_Full	21.64	/	/	22.94	/	/	<=33	Pass
		Inner_Full	21.76	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Left	21.72	/	/	23.02	/	/	<=33	Pass
	Inner_1RB_Right	21.54	/	/	22.84	/	/	<=33	Pass	
	2545	Edge_1RB_Left	21.80	/	/	23.10	/	/	<=33	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	21.75	/	/	23.05	/	/	<=33	Pass	
		Outer_Full	21.66	/	/	22.96	/	/	<=33	Pass	
		Inner_Full	21.67	/	/	22.97	/	/	<=33	Pass	
		Inner_1RB_Left	21.72	/	/	23.02	/	/	<=33	Pass	
		Inner_1RB_Right	21.49	/	/	22.79	/	/	<=33	Pass	
	2525	Edge_1RB_Left	18.86	/	/	20.16	/	/	<=33	Pass	
		Edge_1RB_Right	18.62	/	/	19.92	/	/	<=33	Pass	
		Outer_Full	18.86	/	/	20.16	/	/	<=33	Pass	
		Inner_Full	18.84	/	/	20.14	/	/	<=33	Pass	
		Inner_1RB_Left	18.85	/	/	20.15	/	/	<=33	Pass	
		Inner_1RB_Right	18.72	/	/	20.02	/	/	<=33	Pass	
		2535	Edge_1RB_Left	18.83	/	/	20.13	/	/	<=33	Pass
			Edge_1RB_Right	18.63	/	/	19.93	/	/	<=33	Pass
			Outer_Full	18.61	/	/	19.91	/	/	<=33	Pass
			Inner_Full	18.72	/	/	20.02	/	/	<=33	Pass
			Inner_1RB_Left	18.81	/	/	20.11	/	/	<=33	Pass
		2545	Inner_1RB_Right	18.66	/	/	19.96	/	/	<=33	Pass
	Edge_1RB_Left		18.80	/	/	20.10	/	/	<=33	Pass	
	Edge_1RB_Right		18.60	/	/	19.90	/	/	<=33	Pass	
	Outer_Full		18.65	/	/	19.95	/	/	<=33	Pass	
	Inner_Full		18.66	/	/	19.96	/	/	<=33	Pass	
Inner_1RB_Left	18.77		/	/	20.07	/	/	<=33	Pass		
Inner_1RB_Right	18.64		/	/	19.94	/	/	<=33	Pass		

Note1: Antenna Gain: Ant1: 1.30dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.9 30k_SISO_10MHz_NTNV_EIRP

1.9.1 Test Result

5G NR n7 SCS=30kHz SISO 10MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2505	Edge_1RB_Left	24.70	/	/	26.00	/	/	<=33	Pass
		Edge_1RB_Right	24.68	/	/	25.98	/	/	<=33	Pass
		Outer_Full	24.72	/	/	26.02	/	/	<=33	Pass
		Inner_Full	25.19	/	/	26.49	/	/	<=33	Pass
		Inner_1RB_Left	25.18	/	/	26.48	/	/	<=33	Pass
		Inner_1RB_Right	25.07	/	/	26.37	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.68	/	/	25.98	/	/	<=33	Pass
		Edge_1RB_Right	24.61	/	/	25.91	/	/	<=33	Pass
		Outer_Full	24.72	/	/	26.02	/	/	<=33	Pass
		Inner_Full	25.30	/	/	26.60	/	/	<=33	Pass
		Inner_1RB_Left	25.16	/	/	26.46	/	/	<=33	Pass
		Inner_1RB_Right	25.09	/	/	26.39	/	/	<=33	Pass
	2565	Edge_1RB_Left	24.35	/	/	25.65	/	/	<=33	Pass
		Edge_1RB_Right	24.37	/	/	25.67	/	/	<=33	Pass
		Outer_Full	24.29	/	/	25.59	/	/	<=33	Pass
		Inner_Full	24.76	/	/	26.06	/	/	<=33	Pass
		Inner_1RB_Left	24.77	/	/	26.07	/	/	<=33	Pass
		Inner_1RB_Right	24.79	/	/	26.09	/	/	<=33	Pass
DFT-s-OFDM QPSK	2505	Edge_1RB_Left	24.13	/	/	25.43	/	/	<=33	Pass
		Edge_1RB_Right	24.15	/	/	25.45	/	/	<=33	Pass
		Outer_Full	24.19	/	/	25.49	/	/	<=33	Pass
		Inner_Full	25.38	/	/	26.68	/	/	<=33	Pass
		Inner_1RB_Left	25.17	/	/	26.47	/	/	<=33	Pass
		Inner_1RB_Right	25.09	/	/	26.39	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.15	/	/	25.45	/	/	<=33	Pass
		Edge_1RB_Right	24.06	/	/	25.36	/	/	<=33	Pass
		Outer_Full	24.14	/	/	25.44	/	/	<=33	Pass
		Inner_Full	25.29	/	/	26.59	/	/	<=33	Pass
		Inner_1RB_Left	25.15	/	/	26.45	/	/	<=33	Pass
		Inner_1RB_Right	25.04	/	/	26.34	/	/	<=33	Pass
	2565	Edge_1RB_Left	23.80	/	/	25.10	/	/	<=33	Pass
		Edge_1RB_Right	23.78	/	/	25.08	/	/	<=33	Pass
		Outer_Full	23.78	/	/	25.08	/	/	<=33	Pass
		Inner_Full	24.93	/	/	26.23	/	/	<=33	Pass
		Inner_1RB_Left	24.69	/	/	25.99	/	/	<=33	Pass
		Inner_1RB_Right	24.72	/	/	26.02	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2505	Edge_1RB_Left	23.39	/	/	24.69	/	/	<=33	Pass
		Edge_1RB_Right	23.45	/	/	24.75	/	/	<=33	Pass
		Outer_Full	23.23	/	/	24.53	/	/	<=33	Pass
		Inner_Full	24.19	/	/	25.49	/	/	<=33	Pass
		Inner_1RB_Left	24.50	/	/	25.80	/	/	<=33	Pass



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	2535	Inner_1RB_Right	24.55	/	/	25.85	/	/	<=33	Pass	
		Edge_1RB_Left	23.41	/	/	24.71	/	/	<=33	Pass	
		Edge_1RB_Right	23.35	/	/	24.65	/	/	<=33	Pass	
		Outer_Full	23.15	/	/	24.45	/	/	<=33	Pass	
		Inner_Full	24.33	/	/	25.63	/	/	<=33	Pass	
		Inner_1RB_Left	24.49	/	/	25.79	/	/	<=33	Pass	
	2565	Inner_1RB_Right	24.40	/	/	25.70	/	/	<=33	Pass	
		Edge_1RB_Left	22.99	/	/	24.29	/	/	<=33	Pass	
		Edge_1RB_Right	22.98	/	/	24.28	/	/	<=33	Pass	
		Outer_Full	22.85	/	/	24.15	/	/	<=33	Pass	
		Inner_Full	23.95	/	/	25.25	/	/	<=33	Pass	
		Inner_1RB_Left	24.02	/	/	25.32	/	/	<=33	Pass	
	DFT-s-OFDM 64 QAM	2505	Inner_1RB_Right	24.11	/	/	25.41	/	/	<=33	Pass
			Edge_1RB_Left	22.81	/	/	24.11	/	/	<=33	Pass
Edge_1RB_Right			22.71	/	/	24.01	/	/	<=33	Pass	
Outer_Full			22.74	/	/	24.04	/	/	<=33	Pass	
Inner_Full			22.62	/	/	23.92	/	/	<=33	Pass	
Inner_1RB_Left			22.77	/	/	24.07	/	/	<=33	Pass	
2535		Inner_1RB_Right	22.76	/	/	24.06	/	/	<=33	Pass	
		Edge_1RB_Left	22.70	/	/	24.00	/	/	<=33	Pass	
		Edge_1RB_Right	22.76	/	/	24.06	/	/	<=33	Pass	
		Outer_Full	22.86	/	/	24.16	/	/	<=33	Pass	
		Inner_Full	22.68	/	/	23.98	/	/	<=33	Pass	
		Inner_1RB_Left	22.69	/	/	23.99	/	/	<=33	Pass	
2565		Inner_1RB_Right	22.71	/	/	24.01	/	/	<=33	Pass	
		Edge_1RB_Left	22.41	/	/	23.71	/	/	<=33	Pass	
	Edge_1RB_Right	22.42	/	/	23.72	/	/	<=33	Pass		
	Outer_Full	22.38	/	/	23.68	/	/	<=33	Pass		
	Inner_Full	22.43	/	/	23.73	/	/	<=33	Pass		
	Inner_1RB_Left	22.38	/	/	23.68	/	/	<=33	Pass		
DFT-s-OFDM 256 QAM	2505	Inner_1RB_Right	22.44	/	/	23.74	/	/	<=33	Pass	
		Edge_1RB_Left	20.89	/	/	22.19	/	/	<=33	Pass	
		Edge_1RB_Right	20.87	/	/	22.17	/	/	<=33	Pass	
		Outer_Full	20.88	/	/	22.18	/	/	<=33	Pass	
		Inner_Full	20.92	/	/	22.22	/	/	<=33	Pass	
		Inner_1RB_Left	20.90	/	/	22.20	/	/	<=33	Pass	
	2535	Inner_1RB_Right	20.83	/	/	22.13	/	/	<=33	Pass	
		Edge_1RB_Left	20.77	/	/	22.07	/	/	<=33	Pass	
		Edge_1RB_Right	20.66	/	/	21.96	/	/	<=33	Pass	
		Outer_Full	20.65	/	/	21.95	/	/	<=33	Pass	
		Inner_Full	20.87	/	/	22.17	/	/	<=33	Pass	
		Inner_1RB_Left	20.74	/	/	22.04	/	/	<=33	Pass	
	2565	Inner_1RB_Right	20.70	/	/	22.00	/	/	<=33	Pass	
		Edge_1RB_Left	20.51	/	/	21.81	/	/	<=33	Pass	
Edge_1RB_Right		20.53	/	/	21.83	/	/	<=33	Pass		
Outer_Full		20.57	/	/	21.87	/	/	<=33	Pass		
Inner_Full		20.67	/	/	21.97	/	/	<=33	Pass		
Inner_1RB_Left		20.54	/	/	21.84	/	/	<=33	Pass		
		Inner_1RB_Right	20.53	/	/	21.83	/	/	<=33	Pass	



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CP-OFDM QPSK	2505	Edge_1RB_Left	22.07	/	/	23.37	/	/	<=33	Pass
		Edge_1RB_Right	22.02	/	/	23.32	/	/	<=33	Pass
		Outer_Full	22.11	/	/	23.41	/	/	<=33	Pass
		Inner_Full	23.60	/	/	24.90	/	/	<=33	Pass
		Inner_1RB_Left	23.67	/	/	24.97	/	/	<=33	Pass
	Inner_1RB_Right	23.77	/	/	25.07	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.07	/	/	23.37	/	/	<=33	Pass
		Edge_1RB_Right	21.93	/	/	23.23	/	/	<=33	Pass
		Outer_Full	22.23	/	/	23.53	/	/	<=33	Pass
		Inner_Full	23.38	/	/	24.68	/	/	<=33	Pass
		Inner_1RB_Left	23.79	/	/	25.09	/	/	<=33	Pass
	Inner_1RB_Right	23.75	/	/	25.05	/	/	<=33	Pass	
	2565	Edge_1RB_Left	21.75	/	/	23.05	/	/	<=33	Pass
		Edge_1RB_Right	21.74	/	/	23.04	/	/	<=33	Pass
		Outer_Full	22.01	/	/	23.31	/	/	<=33	Pass
Inner_Full		23.07	/	/	24.37	/	/	<=33	Pass	
Inner_1RB_Left		23.26	/	/	24.56	/	/	<=33	Pass	
Inner_1RB_Right	23.34	/	/	24.64	/	/	<=33	Pass		
CP-OFDM 16 QAM	2505	Edge_1RB_Left	22.29	/	/	23.59	/	/	<=33	Pass
		Edge_1RB_Right	22.20	/	/	23.50	/	/	<=33	Pass
		Outer_Full	22.09	/	/	23.39	/	/	<=33	Pass
		Inner_Full	23.13	/	/	24.43	/	/	<=33	Pass
		Inner_1RB_Left	23.20	/	/	24.50	/	/	<=33	Pass
	Inner_1RB_Right	23.25	/	/	24.55	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.33	/	/	23.63	/	/	<=33	Pass
		Edge_1RB_Right	22.17	/	/	23.47	/	/	<=33	Pass
		Outer_Full	22.11	/	/	23.41	/	/	<=33	Pass
		Inner_Full	23.09	/	/	24.39	/	/	<=33	Pass
		Inner_1RB_Left	23.35	/	/	24.65	/	/	<=33	Pass
	Inner_1RB_Right	23.11	/	/	24.41	/	/	<=33	Pass	
	2565	Edge_1RB_Left	21.94	/	/	23.24	/	/	<=33	Pass
		Edge_1RB_Right	21.95	/	/	23.25	/	/	<=33	Pass
		Outer_Full	21.91	/	/	23.21	/	/	<=33	Pass
Inner_Full		22.74	/	/	24.04	/	/	<=33	Pass	
Inner_1RB_Left		22.87	/	/	24.17	/	/	<=33	Pass	
Inner_1RB_Right	22.88	/	/	24.18	/	/	<=33	Pass		
CP-OFDM 64 QAM	2505	Edge_1RB_Left	21.87	/	/	23.17	/	/	<=33	Pass
		Edge_1RB_Right	21.92	/	/	23.22	/	/	<=33	Pass
		Outer_Full	21.60	/	/	22.90	/	/	<=33	Pass
		Inner_Full	21.76	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Left	21.89	/	/	23.19	/	/	<=33	Pass
	Inner_1RB_Right	21.95	/	/	23.25	/	/	<=33	Pass	
	2535	Edge_1RB_Left	21.95	/	/	23.25	/	/	<=33	Pass
		Edge_1RB_Right	21.88	/	/	23.18	/	/	<=33	Pass
		Outer_Full	21.67	/	/	22.97	/	/	<=33	Pass
		Inner_Full	21.83	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Left	21.92	/	/	23.22	/	/	<=33	Pass
	Inner_1RB_Right	21.82	/	/	23.12	/	/	<=33	Pass	
	2565	Edge_1RB_Left	21.57	/	/	22.87	/	/	<=33	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	21.56	/	/	22.86	/	/	<=33	Pass	
		Outer_Full	21.35	/	/	22.65	/	/	<=33	Pass	
		Inner_Full	21.51	/	/	22.81	/	/	<=33	Pass	
		Inner_1RB_Left	21.53	/	/	22.83	/	/	<=33	Pass	
		Inner_1RB_Right	21.65	/	/	22.95	/	/	<=33	Pass	
	2505	Edge_1RB_Left	19.05	/	/	20.35	/	/	<=33	Pass	
		Edge_1RB_Right	19.00	/	/	20.30	/	/	<=33	Pass	
		Outer_Full	18.93	/	/	20.23	/	/	<=33	Pass	
		Inner_Full	19.02	/	/	20.32	/	/	<=33	Pass	
		Inner_1RB_Left	19.05	/	/	20.35	/	/	<=33	Pass	
		Inner_1RB_Right	19.06	/	/	20.36	/	/	<=33	Pass	
		2535	Edge_1RB_Left	18.87	/	/	20.17	/	/	<=33	Pass
			Edge_1RB_Right	18.82	/	/	20.12	/	/	<=33	Pass
			Outer_Full	18.62	/	/	19.92	/	/	<=33	Pass
			Inner_Full	18.79	/	/	20.09	/	/	<=33	Pass
			Inner_1RB_Left	18.88	/	/	20.18	/	/	<=33	Pass
		2565	Inner_1RB_Right	18.86	/	/	20.16	/	/	<=33	Pass
	Edge_1RB_Left		18.68	/	/	19.98	/	/	<=33	Pass	
	Edge_1RB_Right		18.65	/	/	19.95	/	/	<=33	Pass	
	Outer_Full		18.42	/	/	19.72	/	/	<=33	Pass	
	Inner_Full		18.45	/	/	19.75	/	/	<=33	Pass	
Inner_1RB_Left	18.65		/	/	19.95	/	/	<=33	Pass		
Inner_1RB_Right	18.68		/	/	19.98	/	/	<=33	Pass		

Note1: Antenna Gain: Ant1: 1.30dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.10 30k_SISO_15MHz_NTNV_EIRP

1.10.1 Test Result

5G NR n7 SCS=30kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2507.5	Edge_1RB_Left	24.74	/	/	26.04	/	/	<=33	Pass
		Edge_1RB_Right	24.83	/	/	26.13	/	/	<=33	Pass
		Outer_Full	24.80	/	/	26.10	/	/	<=33	Pass
		Inner_Full	25.40	/	/	26.70	/	/	<=33	Pass
		Inner_1RB_Left	25.38	/	/	26.68	/	/	<=33	Pass
		Inner_1RB_Right	25.01	/	/	26.31	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.66	/	/	25.96	/	/	<=33	Pass
		Edge_1RB_Right	24.57	/	/	25.87	/	/	<=33	Pass
		Outer_Full	24.59	/	/	25.89	/	/	<=33	Pass
		Inner_Full	25.09	/	/	26.39	/	/	<=33	Pass
		Inner_1RB_Left	25.17	/	/	26.47	/	/	<=33	Pass
		Inner_1RB_Right	25.09	/	/	26.39	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	24.54	/	/	25.84	/	/	<=33	Pass
		Edge_1RB_Right	24.52	/	/	25.82	/	/	<=33	Pass
		Outer_Full	24.48	/	/	25.78	/	/	<=33	Pass
		Inner_Full	24.97	/	/	26.27	/	/	<=33	Pass
		Inner_1RB_Left	25.03	/	/	26.33	/	/	<=33	Pass
		Inner_1RB_Right	25.01	/	/	26.31	/	/	<=33	Pass
DFT-s-OFDM QPSK	2507.5	Edge_1RB_Left	24.21	/	/	25.51	/	/	<=33	Pass
		Edge_1RB_Right	24.25	/	/	25.55	/	/	<=33	Pass
		Outer_Full	24.32	/	/	25.62	/	/	<=33	Pass
		Inner_Full	25.16	/	/	26.46	/	/	<=33	Pass
		Inner_1RB_Left	25.14	/	/	26.44	/	/	<=33	Pass
		Inner_1RB_Right	25.15	/	/	26.45	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.10	/	/	25.40	/	/	<=33	Pass
		Edge_1RB_Right	24.01	/	/	25.31	/	/	<=33	Pass
		Outer_Full	24.13	/	/	25.43	/	/	<=33	Pass
		Inner_Full	25.22	/	/	26.52	/	/	<=33	Pass
		Inner_1RB_Left	25.09	/	/	26.39	/	/	<=33	Pass
		Inner_1RB_Right	24.98	/	/	26.28	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	24.00	/	/	25.30	/	/	<=33	Pass
		Edge_1RB_Right	23.97	/	/	25.27	/	/	<=33	Pass
		Outer_Full	24.04	/	/	25.34	/	/	<=33	Pass
		Inner_Full	25.07	/	/	26.37	/	/	<=33	Pass
		Inner_1RB_Left	24.92	/	/	26.22	/	/	<=33	Pass
		Inner_1RB_Right	24.91	/	/	26.21	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2507.5	Edge_1RB_Left	23.40	/	/	24.70	/	/	<=33	Pass
		Edge_1RB_Right	23.44	/	/	24.74	/	/	<=33	Pass
		Outer_Full	23.32	/	/	24.62	/	/	<=33	Pass
		Inner_Full	24.28	/	/	25.58	/	/	<=33	Pass
		Inner_1RB_Left	24.41	/	/	25.71	/	/	<=33	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 (2535, 2562.5, 2507.5).



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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless Laboratory

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CP-OFDM QPSK	2507.5	Edge_1RB_Left	22.06	/	/	23.36	/	/	<=33	Pass
		Edge_1RB_Right	22.11	/	/	23.41	/	/	<=33	Pass
		Outer_Full	22.25	/	/	23.55	/	/	<=33	Pass
		Inner_Full	23.86	/	/	25.16	/	/	<=33	Pass
		Inner_1RB_Left	23.71	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Right	23.65	/	/	24.95	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.03	/	/	23.33	/	/	<=33	Pass
		Edge_1RB_Right	21.94	/	/	23.24	/	/	<=33	Pass
		Outer_Full	22.07	/	/	23.37	/	/	<=33	Pass
		Inner_Full	23.80	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Left	23.63	/	/	24.93	/	/	<=33	Pass
		Inner_1RB_Right	23.53	/	/	24.83	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	21.92	/	/	23.22	/	/	<=33	Pass
		Edge_1RB_Right	21.92	/	/	23.22	/	/	<=33	Pass
		Outer_Full	22.02	/	/	23.32	/	/	<=33	Pass
		Inner_Full	23.64	/	/	24.94	/	/	<=33	Pass
		Inner_1RB_Left	23.48	/	/	24.78	/	/	<=33	Pass
		Inner_1RB_Right	23.49	/	/	24.79	/	/	<=33	Pass
CP-OFDM 16 QAM	2507.5	Edge_1RB_Left	22.33	/	/	23.63	/	/	<=33	Pass
		Edge_1RB_Right	22.39	/	/	23.69	/	/	<=33	Pass
		Outer_Full	22.31	/	/	23.61	/	/	<=33	Pass
		Inner_Full	23.30	/	/	24.60	/	/	<=33	Pass
		Inner_1RB_Left	23.25	/	/	24.55	/	/	<=33	Pass
		Inner_1RB_Right	23.29	/	/	24.59	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.30	/	/	23.60	/	/	<=33	Pass
		Edge_1RB_Right	22.24	/	/	23.54	/	/	<=33	Pass
		Outer_Full	22.22	/	/	23.52	/	/	<=33	Pass
		Inner_Full	23.28	/	/	24.58	/	/	<=33	Pass
		Inner_1RB_Left	23.20	/	/	24.50	/	/	<=33	Pass
		Inner_1RB_Right	23.08	/	/	24.38	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.24	/	/	23.54	/	/	<=33	Pass
		Edge_1RB_Right	22.15	/	/	23.45	/	/	<=33	Pass
		Outer_Full	22.07	/	/	23.37	/	/	<=33	Pass
		Inner_Full	23.19	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Left	23.02	/	/	24.32	/	/	<=33	Pass
		Inner_1RB_Right	23.01	/	/	24.31	/	/	<=33	Pass
CP-OFDM 64 QAM	2507.5	Edge_1RB_Left	22.01	/	/	23.31	/	/	<=33	Pass
		Edge_1RB_Right	21.94	/	/	23.24	/	/	<=33	Pass
		Outer_Full	21.76	/	/	23.06	/	/	<=33	Pass
		Inner_Full	21.89	/	/	23.19	/	/	<=33	Pass
		Inner_1RB_Left	22.00	/	/	23.30	/	/	<=33	Pass
		Inner_1RB_Right	21.91	/	/	23.21	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.91	/	/	23.21	/	/	<=33	Pass
		Edge_1RB_Right	21.83	/	/	23.13	/	/	<=33	Pass
		Outer_Full	21.60	/	/	22.90	/	/	<=33	Pass
		Inner_Full	21.73	/	/	23.03	/	/	<=33	Pass
		Inner_1RB_Left	21.88	/	/	23.18	/	/	<=33	Pass
		Inner_1RB_Right	21.71	/	/	23.01	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	21.83	/	/	23.13	/	/	<=33	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	21.76	/	/	23.06	/	/	<=33	Pass
		Outer_Full	21.55	/	/	22.85	/	/	<=33	Pass
		Inner_Full	21.62	/	/	22.92	/	/	<=33	Pass
		Inner_1RB_Left	21.83	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Right	21.74	/	/	23.04	/	/	<=33	Pass
	2507.5	Edge_1RB_Left	18.96	/	/	20.26	/	/	<=33	Pass
		Edge_1RB_Right	19.00	/	/	20.30	/	/	<=33	Pass
		Outer_Full	18.92	/	/	20.22	/	/	<=33	Pass
		Inner_Full	19.04	/	/	20.34	/	/	<=33	Pass
		Inner_1RB_Left	19.02	/	/	20.32	/	/	<=33	Pass
	2535	Inner_1RB_Right	18.91	/	/	20.21	/	/	<=33	Pass
		Edge_1RB_Left	18.84	/	/	20.14	/	/	<=33	Pass
		Edge_1RB_Right	18.76	/	/	20.06	/	/	<=33	Pass
		Outer_Full	18.72	/	/	20.02	/	/	<=33	Pass
		Inner_Full	18.78	/	/	20.08	/	/	<=33	Pass
	2562.5	Inner_1RB_Left	18.82	/	/	20.12	/	/	<=33	Pass
		Inner_1RB_Right	18.72	/	/	20.02	/	/	<=33	Pass
		Edge_1RB_Left	18.81	/	/	20.11	/	/	<=33	Pass
		Edge_1RB_Right	18.76	/	/	20.06	/	/	<=33	Pass
		Outer_Full	18.74	/	/	20.04	/	/	<=33	Pass
	Inner_Full	18.82	/	/	20.12	/	/	<=33	Pass	
	Inner_1RB_Left	18.79	/	/	20.09	/	/	<=33	Pass	
	Inner_1RB_Right	18.72	/	/	20.02	/	/	<=33	Pass	

Note1: Antenna Gain: Ant1: 1.30dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.11 30k_SISO_20MHz_NTNV_EIRP

1.11.1 Test Result

5G NR n7 SCS=30kHz SISO 20MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2510	Edge_1RB_Left	24.81	/	/	26.11	/	/	<=33	Pass
		Edge_1RB_Right	24.91	/	/	26.21	/	/	<=33	Pass
		Outer_Full	24.88	/	/	26.18	/	/	<=33	Pass
		Inner_Full	25.44	/	/	26.74	/	/	<=33	Pass
		Inner_1RB_Left	25.29	/	/	26.59	/	/	<=33	Pass
		Inner_1RB_Right	25.06	/	/	26.36	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.78	/	/	26.08	/	/	<=33	Pass
		Edge_1RB_Right	24.52	/	/	25.82	/	/	<=33	Pass
		Outer_Full	24.67	/	/	25.97	/	/	<=33	Pass
		Inner_Full	25.18	/	/	26.48	/	/	<=33	Pass
		Inner_1RB_Left	25.28	/	/	26.58	/	/	<=33	Pass
		Inner_1RB_Right	25.05	/	/	26.35	/	/	<=33	Pass
	2560	Edge_1RB_Left	24.62	/	/	25.92	/	/	<=33	Pass
		Edge_1RB_Right	24.50	/	/	25.80	/	/	<=33	Pass
		Outer_Full	24.44	/	/	25.74	/	/	<=33	Pass
		Inner_Full	25.01	/	/	26.31	/	/	<=33	Pass
		Inner_1RB_Left	25.04	/	/	26.34	/	/	<=33	Pass
		Inner_1RB_Right	24.95	/	/	26.25	/	/	<=33	Pass
DFT-s-OFDM QPSK	2510	Edge_1RB_Left	24.27	/	/	25.57	/	/	<=33	Pass
		Edge_1RB_Right	24.33	/	/	25.63	/	/	<=33	Pass
		Outer_Full	24.36	/	/	25.66	/	/	<=33	Pass
		Inner_Full	25.43	/	/	26.73	/	/	<=33	Pass
		Inner_1RB_Left	25.13	/	/	26.43	/	/	<=33	Pass
		Inner_1RB_Right	25.08	/	/	26.38	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.10	/	/	25.40	/	/	<=33	Pass
		Edge_1RB_Right	24.01	/	/	25.31	/	/	<=33	Pass
		Outer_Full	24.14	/	/	25.44	/	/	<=33	Pass
		Inner_Full	25.26	/	/	26.56	/	/	<=33	Pass
		Inner_1RB_Left	25.09	/	/	26.39	/	/	<=33	Pass
		Inner_1RB_Right	24.92	/	/	26.22	/	/	<=33	Pass
	2560	Edge_1RB_Left	24.01	/	/	25.31	/	/	<=33	Pass
		Edge_1RB_Right	23.94	/	/	25.24	/	/	<=33	Pass
		Outer_Full	23.98	/	/	25.28	/	/	<=33	Pass
		Inner_Full	24.92	/	/	26.22	/	/	<=33	Pass
		Inner_1RB_Left	24.92	/	/	26.22	/	/	<=33	Pass
		Inner_1RB_Right	24.82	/	/	26.12	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2510	Edge_1RB_Left	23.44	/	/	24.74	/	/	<=33	Pass
		Edge_1RB_Right	23.57	/	/	24.87	/	/	<=33	Pass
		Outer_Full	23.32	/	/	24.62	/	/	<=33	Pass
		Inner_Full	24.33	/	/	25.63	/	/	<=33	Pass
		Inner_1RB_Left	24.54	/	/	25.84	/	/	<=33	Pass



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	2535	Inner_1RB_Right	24.64	/	/	25.94	/	/	<=33	Pass
		Edge_1RB_Left	23.42	/	/	24.72	/	/	<=33	Pass
		Edge_1RB_Right	23.17	/	/	24.47	/	/	<=33	Pass
		Outer_Full	23.16	/	/	24.46	/	/	<=33	Pass
		Inner_Full	24.15	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Left	24.42	/	/	25.72	/	/	<=33	Pass
		Inner_1RB_Right	24.28	/	/	25.58	/	/	<=33	Pass
	2560	Edge_1RB_Left	23.23	/	/	24.53	/	/	<=33	Pass
		Edge_1RB_Right	23.14	/	/	24.44	/	/	<=33	Pass
		Outer_Full	22.97	/	/	24.27	/	/	<=33	Pass
		Inner_Full	24.02	/	/	25.32	/	/	<=33	Pass
		Inner_1RB_Left	24.25	/	/	25.55	/	/	<=33	Pass
		Inner_1RB_Right	24.22	/	/	25.52	/	/	<=33	Pass
		Edge_1RB_Left	22.83	/	/	24.13	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2510	Edge_1RB_Right	23.00	/	/	24.30	/	/	<=33	Pass
		Outer_Full	22.85	/	/	24.15	/	/	<=33	Pass
		Inner_Full	22.91	/	/	24.21	/	/	<=33	Pass
		Inner_1RB_Left	22.84	/	/	24.14	/	/	<=33	Pass
		Inner_1RB_Right	22.89	/	/	24.19	/	/	<=33	Pass
		Edge_1RB_Left	22.89	/	/	24.19	/	/	<=33	Pass
		Edge_1RB_Right	22.79	/	/	24.09	/	/	<=33	Pass
	2535	Outer_Full	22.60	/	/	23.90	/	/	<=33	Pass
		Inner_Full	22.78	/	/	24.08	/	/	<=33	Pass
		Inner_1RB_Left	22.87	/	/	24.17	/	/	<=33	Pass
		Inner_1RB_Right	22.76	/	/	24.06	/	/	<=33	Pass
		Edge_1RB_Left	22.68	/	/	23.98	/	/	<=33	Pass
		Edge_1RB_Right	22.66	/	/	23.96	/	/	<=33	Pass
		Outer_Full	22.41	/	/	23.71	/	/	<=33	Pass
2560	Inner_Full	22.55	/	/	23.85	/	/	<=33	Pass	
	Inner_1RB_Left	22.66	/	/	23.96	/	/	<=33	Pass	
	Inner_1RB_Right	22.66	/	/	23.96	/	/	<=33	Pass	
	Edge_1RB_Left	20.99	/	/	22.29	/	/	<=33	Pass	
	Edge_1RB_Right	20.95	/	/	22.25	/	/	<=33	Pass	
	Outer_Full	20.97	/	/	22.27	/	/	<=33	Pass	
	Inner_Full	21.03	/	/	22.33	/	/	<=33	Pass	
DFT-s-OFDM 256 QAM	2510	Inner_1RB_Left	21.02	/	/	22.32	/	/	<=33	Pass
		Inner_1RB_Right	20.94	/	/	22.24	/	/	<=33	Pass
		Edge_1RB_Left	20.82	/	/	22.12	/	/	<=33	Pass
		Edge_1RB_Right	20.63	/	/	21.93	/	/	<=33	Pass
		Outer_Full	20.67	/	/	21.97	/	/	<=33	Pass
		Inner_Full	20.73	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Left	20.80	/	/	22.10	/	/	<=33	Pass
	2535	Inner_1RB_Right	20.64	/	/	21.94	/	/	<=33	Pass
		Edge_1RB_Left	20.66	/	/	21.96	/	/	<=33	Pass
		Edge_1RB_Right	20.67	/	/	21.97	/	/	<=33	Pass
		Outer_Full	20.63	/	/	21.93	/	/	<=33	Pass
		Inner_Full	20.61	/	/	21.91	/	/	<=33	Pass
		Inner_1RB_Left	20.65	/	/	21.95	/	/	<=33	Pass
		Inner_1RB_Right	20.64	/	/	21.94	/	/	<=33	Pass



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CP-OFDM QPSK	2510	Edge_1RB_Left	22.20	/	/	23.50	/	/	<=33	Pass
		Edge_1RB_Right	22.27	/	/	23.57	/	/	<=33	Pass
		Outer_Full	22.35	/	/	23.65	/	/	<=33	Pass
		Inner_Full	23.88	/	/	25.18	/	/	<=33	Pass
		Inner_1RB_Left	23.80	/	/	25.10	/	/	<=33	Pass
	Inner_1RB_Right	23.88	/	/	25.18	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.04	/	/	23.34	/	/	<=33	Pass
		Edge_1RB_Right	21.97	/	/	23.27	/	/	<=33	Pass
		Outer_Full	22.05	/	/	23.35	/	/	<=33	Pass
		Inner_Full	23.73	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Left	23.68	/	/	24.98	/	/	<=33	Pass
	Inner_1RB_Right	23.44	/	/	24.74	/	/	<=33	Pass	
	2560	Edge_1RB_Left	21.88	/	/	23.18	/	/	<=33	Pass
		Edge_1RB_Right	21.79	/	/	23.09	/	/	<=33	Pass
		Outer_Full	22.02	/	/	23.32	/	/	<=33	Pass
Inner_Full		23.50	/	/	24.80	/	/	<=33	Pass	
Inner_1RB_Left		23.47	/	/	24.77	/	/	<=33	Pass	
Inner_1RB_Right	23.48	/	/	24.78	/	/	<=33	Pass		
CP-OFDM 16 QAM	2510	Edge_1RB_Left	22.50	/	/	23.80	/	/	<=33	Pass
		Edge_1RB_Right	22.54	/	/	23.84	/	/	<=33	Pass
		Outer_Full	22.33	/	/	23.63	/	/	<=33	Pass
		Inner_Full	23.41	/	/	24.71	/	/	<=33	Pass
		Inner_1RB_Left	23.33	/	/	24.63	/	/	<=33	Pass
	Inner_1RB_Right	23.42	/	/	24.72	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.43	/	/	23.73	/	/	<=33	Pass
		Edge_1RB_Right	22.14	/	/	23.44	/	/	<=33	Pass
		Outer_Full	22.14	/	/	23.44	/	/	<=33	Pass
		Inner_Full	23.13	/	/	24.43	/	/	<=33	Pass
		Inner_1RB_Left	23.22	/	/	24.52	/	/	<=33	Pass
	Inner_1RB_Right	23.18	/	/	24.48	/	/	<=33	Pass	
	2560	Edge_1RB_Left	22.16	/	/	23.46	/	/	<=33	Pass
		Edge_1RB_Right	22.05	/	/	23.35	/	/	<=33	Pass
		Outer_Full	22.12	/	/	23.42	/	/	<=33	Pass
Inner_Full		22.96	/	/	24.26	/	/	<=33	Pass	
Inner_1RB_Left		23.07	/	/	24.37	/	/	<=33	Pass	
Inner_1RB_Right	23.02	/	/	24.32	/	/	<=33	Pass		
CP-OFDM 64 QAM	2510	Edge_1RB_Left	22.06	/	/	23.36	/	/	<=33	Pass
		Edge_1RB_Right	22.08	/	/	23.38	/	/	<=33	Pass
		Outer_Full	21.87	/	/	23.17	/	/	<=33	Pass
		Inner_Full	21.93	/	/	23.23	/	/	<=33	Pass
		Inner_1RB_Left	22.02	/	/	23.32	/	/	<=33	Pass
	Inner_1RB_Right	22.14	/	/	23.44	/	/	<=33	Pass	
	2535	Edge_1RB_Left	21.91	/	/	23.21	/	/	<=33	Pass
		Edge_1RB_Right	21.73	/	/	23.03	/	/	<=33	Pass
		Outer_Full	21.71	/	/	23.01	/	/	<=33	Pass
		Inner_Full	21.85	/	/	23.15	/	/	<=33	Pass
		Inner_1RB_Left	21.91	/	/	23.21	/	/	<=33	Pass
	Inner_1RB_Right	21.78	/	/	23.08	/	/	<=33	Pass	
	2560	Edge_1RB_Left	21.74	/	/	23.04	/	/	<=33	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	21.67	/	/	22.97	/	/	<=33	Pass	
		Outer_Full	21.61	/	/	22.91	/	/	<=33	Pass	
		Inner_Full	21.65	/	/	22.95	/	/	<=33	Pass	
		Inner_1RB_Left	21.76	/	/	23.06	/	/	<=33	Pass	
		Inner_1RB_Right	21.69	/	/	22.99	/	/	<=33	Pass	
	2510	Edge_1RB_Left	19.06	/	/	20.36	/	/	<=33	Pass	
		Edge_1RB_Right	19.02	/	/	20.32	/	/	<=33	Pass	
		Outer_Full	19.06	/	/	20.36	/	/	<=33	Pass	
		Inner_Full	19.07	/	/	20.37	/	/	<=33	Pass	
		Inner_1RB_Left	19.18	/	/	20.48	/	/	<=33	Pass	
		Inner_1RB_Right	18.99	/	/	20.29	/	/	<=33	Pass	
		2535	Edge_1RB_Left	18.87	/	/	20.17	/	/	<=33	Pass
			Edge_1RB_Right	18.73	/	/	20.03	/	/	<=33	Pass
			Outer_Full	18.71	/	/	20.01	/	/	<=33	Pass
			Inner_Full	18.73	/	/	20.03	/	/	<=33	Pass
	Inner_1RB_Left		18.90	/	/	20.20	/	/	<=33	Pass	
	2560	Inner_1RB_Right	18.69	/	/	19.99	/	/	<=33	Pass	
		Edge_1RB_Left	18.70	/	/	20.00	/	/	<=33	Pass	
		Edge_1RB_Right	18.73	/	/	20.03	/	/	<=33	Pass	
		Outer_Full	18.70	/	/	20.00	/	/	<=33	Pass	
Inner_Full		18.68	/	/	19.98	/	/	<=33	Pass		
Inner_1RB_Left		18.72	/	/	20.02	/	/	<=33	Pass		
	Inner_1RB_Right	18.77	/	/	20.07	/	/	<=33	Pass		

Note1: Antenna Gain: Ant1: 1.30dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.12 30k_SISO_25MHz_NTNV_EIRP

1.12.1 Test Result

5G NR n7 SCS=30kHz SISO 25MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2512.5	Edge_1RB_Left	24.91	/	/	26.21	/	/	<=33	Pass
		Edge_1RB_Right	25.07	/	/	26.37	/	/	<=33	Pass
		Outer_Full	24.58	/	/	25.88	/	/	<=33	Pass
		Inner_Full	25.29	/	/	26.59	/	/	<=33	Pass
		Inner_1RB_Left	25.45	/	/	26.75	/	/	<=33	Pass
		Inner_1RB_Right	25.48	/	/	26.78	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.85	/	/	26.15	/	/	<=33	Pass
		Edge_1RB_Right	24.14	/	/	25.44	/	/	<=33	Pass
		Outer_Full	24.24	/	/	25.54	/	/	<=33	Pass
		Inner_Full	24.27	/	/	25.57	/	/	<=33	Pass
		Inner_1RB_Left	24.36	/	/	25.66	/	/	<=33	Pass
		Inner_1RB_Right	24.15	/	/	25.45	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	24.69	/	/	25.99	/	/	<=33	Pass
		Edge_1RB_Right	24.55	/	/	25.85	/	/	<=33	Pass
		Outer_Full	24.55	/	/	25.85	/	/	<=33	Pass
		Inner_Full	25.03	/	/	26.33	/	/	<=33	Pass
		Inner_1RB_Left	25.14	/	/	26.44	/	/	<=33	Pass
		Inner_1RB_Right	25.04	/	/	26.34	/	/	<=33	Pass
DFT-s-OFDM QPSK	2512.5	Edge_1RB_Left	24.39	/	/	25.69	/	/	<=33	Pass
		Edge_1RB_Right	24.49	/	/	25.79	/	/	<=33	Pass
		Outer_Full	24.63	/	/	25.93	/	/	<=33	Pass
		Inner_Full	25.27	/	/	26.57	/	/	<=33	Pass
		Inner_1RB_Left	25.34	/	/	26.64	/	/	<=33	Pass
		Inner_1RB_Right	25.44	/	/	26.74	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.26	/	/	25.56	/	/	<=33	Pass
		Edge_1RB_Right	24.13	/	/	25.43	/	/	<=33	Pass
		Outer_Full	24.21	/	/	25.51	/	/	<=33	Pass
		Inner_Full	24.23	/	/	25.53	/	/	<=33	Pass
		Inner_1RB_Left	24.28	/	/	25.58	/	/	<=33	Pass
		Inner_1RB_Right	24.11	/	/	25.41	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	24.12	/	/	25.42	/	/	<=33	Pass
		Edge_1RB_Right	24.00	/	/	25.30	/	/	<=33	Pass
		Outer_Full	24.11	/	/	25.41	/	/	<=33	Pass
		Inner_Full	24.99	/	/	26.29	/	/	<=33	Pass
		Inner_1RB_Left	25.08	/	/	26.38	/	/	<=33	Pass
		Inner_1RB_Right	24.85	/	/	26.15	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2512.5	Edge_1RB_Left	23.66	/	/	24.96	/	/	<=33	Pass
		Edge_1RB_Right	23.76	/	/	25.06	/	/	<=33	Pass
		Outer_Full	23.51	/	/	24.81	/	/	<=33	Pass
		Inner_Full	24.53	/	/	25.83	/	/	<=33	Pass
		Inner_1RB_Left	24.70	/	/	26.00	/	/	<=33	Pass



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	2535	Inner_1RB_Right	24.83	/	/	26.13	/	/	<=33	Pass	
		Edge_1RB_Left	23.52	/	/	24.82	/	/	<=33	Pass	
		Edge_1RB_Right	23.31	/	/	24.61	/	/	<=33	Pass	
		Outer_Full	23.23	/	/	24.53	/	/	<=33	Pass	
		Inner_Full	24.30	/	/	25.60	/	/	<=33	Pass	
		Inner_1RB_Left	24.62	/	/	25.92	/	/	<=33	Pass	
	2557.5	Inner_1RB_Right	24.39	/	/	25.69	/	/	<=33	Pass	
		Edge_1RB_Left	23.33	/	/	24.63	/	/	<=33	Pass	
		Edge_1RB_Right	23.23	/	/	24.53	/	/	<=33	Pass	
		Outer_Full	23.11	/	/	24.41	/	/	<=33	Pass	
		Inner_Full	24.08	/	/	25.38	/	/	<=33	Pass	
		Inner_1RB_Left	24.38	/	/	25.68	/	/	<=33	Pass	
	DFT-s-OFDM 64 QAM	2512.5	Inner_1RB_Right	24.29	/	/	25.59	/	/	<=33	Pass
			Edge_1RB_Left	23.23	/	/	24.53	/	/	<=33	Pass
Edge_1RB_Right			23.29	/	/	24.59	/	/	<=33	Pass	
Outer_Full			23.05	/	/	24.35	/	/	<=33	Pass	
Inner_Full			23.11	/	/	24.41	/	/	<=33	Pass	
Inner_1RB_Left			23.17	/	/	24.47	/	/	<=33	Pass	
2535		Inner_1RB_Right	23.25	/	/	24.55	/	/	<=33	Pass	
		Edge_1RB_Left	23.08	/	/	24.38	/	/	<=33	Pass	
		Edge_1RB_Right	22.99	/	/	24.29	/	/	<=33	Pass	
		Outer_Full	22.79	/	/	24.09	/	/	<=33	Pass	
		Inner_Full	22.84	/	/	24.14	/	/	<=33	Pass	
		Inner_1RB_Left	23.00	/	/	24.30	/	/	<=33	Pass	
2557.5		Inner_1RB_Right	22.80	/	/	24.10	/	/	<=33	Pass	
		Edge_1RB_Left	22.92	/	/	24.22	/	/	<=33	Pass	
	Edge_1RB_Right	22.72	/	/	24.02	/	/	<=33	Pass		
	Outer_Full	22.66	/	/	23.96	/	/	<=33	Pass		
	Inner_Full	22.58	/	/	23.88	/	/	<=33	Pass		
	Inner_1RB_Left	22.93	/	/	24.23	/	/	<=33	Pass		
DFT-s-OFDM 256 QAM	2512.5	Inner_1RB_Right	22.80	/	/	24.10	/	/	<=33	Pass	
		Edge_1RB_Left	21.05	/	/	22.35	/	/	<=33	Pass	
		Edge_1RB_Right	21.01	/	/	22.31	/	/	<=33	Pass	
		Outer_Full	21.12	/	/	22.42	/	/	<=33	Pass	
		Inner_Full	21.06	/	/	22.36	/	/	<=33	Pass	
		Inner_1RB_Left	21.05	/	/	22.35	/	/	<=33	Pass	
	2535	Inner_1RB_Right	21.00	/	/	22.30	/	/	<=33	Pass	
		Edge_1RB_Left	20.81	/	/	22.11	/	/	<=33	Pass	
		Edge_1RB_Right	20.60	/	/	21.90	/	/	<=33	Pass	
		Outer_Full	20.72	/	/	22.02	/	/	<=33	Pass	
		Inner_Full	20.71	/	/	22.01	/	/	<=33	Pass	
		Inner_1RB_Left	21.01	/	/	22.31	/	/	<=33	Pass	
	2557.5	Inner_1RB_Right	20.63	/	/	21.93	/	/	<=33	Pass	
		Edge_1RB_Left	20.59	/	/	21.89	/	/	<=33	Pass	
Edge_1RB_Right		20.65	/	/	21.95	/	/	<=33	Pass		
Outer_Full		20.70	/	/	22.00	/	/	<=33	Pass		
Inner_Full		20.67	/	/	21.97	/	/	<=33	Pass		
Inner_1RB_Left		20.58	/	/	21.88	/	/	<=33	Pass		
		Inner_1RB_Right	20.63	/	/	21.93	/	/	<=33	Pass	



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CP-OFDM QPSK	2512.5	Edge_1RB_Left	22.52	/	/	23.82	/	/	<=33	Pass
		Edge_1RB_Right	22.40	/	/	23.70	/	/	<=33	Pass
		Outer_Full	22.44	/	/	23.74	/	/	<=33	Pass
		Inner_Full	24.01	/	/	25.31	/	/	<=33	Pass
		Inner_1RB_Left	23.99	/	/	25.29	/	/	<=33	Pass
	Inner_1RB_Right	24.07	/	/	25.37	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.23	/	/	23.53	/	/	<=33	Pass
		Edge_1RB_Right	22.01	/	/	23.31	/	/	<=33	Pass
		Outer_Full	22.19	/	/	23.49	/	/	<=33	Pass
		Inner_Full	23.69	/	/	24.99	/	/	<=33	Pass
		Inner_1RB_Left	23.65	/	/	24.95	/	/	<=33	Pass
	Inner_1RB_Right	23.61	/	/	24.91	/	/	<=33	Pass	
	2557.5	Edge_1RB_Left	22.07	/	/	23.37	/	/	<=33	Pass
		Edge_1RB_Right	21.93	/	/	23.23	/	/	<=33	Pass
		Outer_Full	22.07	/	/	23.37	/	/	<=33	Pass
Inner_Full		23.54	/	/	24.84	/	/	<=33	Pass	
Inner_1RB_Left		23.63	/	/	24.93	/	/	<=33	Pass	
Inner_1RB_Right	23.54	/	/	24.84	/	/	<=33	Pass		
CP-OFDM 16 QAM	2512.5	Edge_1RB_Left	22.59	/	/	23.89	/	/	<=33	Pass
		Edge_1RB_Right	22.66	/	/	23.96	/	/	<=33	Pass
		Outer_Full	22.63	/	/	23.93	/	/	<=33	Pass
		Inner_Full	23.55	/	/	24.85	/	/	<=33	Pass
		Inner_1RB_Left	23.48	/	/	24.78	/	/	<=33	Pass
	Inner_1RB_Right	23.55	/	/	24.85	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.42	/	/	23.72	/	/	<=33	Pass
		Edge_1RB_Right	22.39	/	/	23.69	/	/	<=33	Pass
		Outer_Full	22.23	/	/	23.53	/	/	<=33	Pass
		Inner_Full	23.17	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Left	23.38	/	/	24.68	/	/	<=33	Pass
	Inner_1RB_Right	23.22	/	/	24.52	/	/	<=33	Pass	
	2557.5	Edge_1RB_Left	22.35	/	/	23.65	/	/	<=33	Pass
		Edge_1RB_Right	22.16	/	/	23.46	/	/	<=33	Pass
		Outer_Full	22.18	/	/	23.48	/	/	<=33	Pass
Inner_Full		22.98	/	/	24.28	/	/	<=33	Pass	
Inner_1RB_Left		23.23	/	/	24.53	/	/	<=33	Pass	
Inner_1RB_Right	23.07	/	/	24.37	/	/	<=33	Pass		
CP-OFDM 64 QAM	2512.5	Edge_1RB_Left	22.21	/	/	23.51	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	23.49	/	/	<=33	Pass
		Outer_Full	22.02	/	/	23.32	/	/	<=33	Pass
		Inner_Full	22.24	/	/	23.54	/	/	<=33	Pass
		Inner_1RB_Left	22.21	/	/	23.51	/	/	<=33	Pass
	Inner_1RB_Right	22.24	/	/	23.54	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.04	/	/	23.34	/	/	<=33	Pass
		Edge_1RB_Right	21.96	/	/	23.26	/	/	<=33	Pass
		Outer_Full	21.70	/	/	23.00	/	/	<=33	Pass
		Inner_Full	21.81	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Left	21.99	/	/	23.29	/	/	<=33	Pass
	Inner_1RB_Right	21.94	/	/	23.24	/	/	<=33	Pass	
	2557.5	Edge_1RB_Left	21.89	/	/	23.19	/	/	<=33	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	21.78	/	/	23.08	/	/	<=33	Pass
		Outer_Full	21.62	/	/	22.92	/	/	<=33	Pass
		Inner_Full	21.64	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Left	21.93	/	/	23.23	/	/	<=33	Pass
		Inner_1RB_Right	21.81	/	/	23.11	/	/	<=33	Pass
	2512.5	Edge_1RB_Left	19.17	/	/	20.47	/	/	<=33	Pass
		Edge_1RB_Right	19.10	/	/	20.40	/	/	<=33	Pass
		Outer_Full	19.13	/	/	20.43	/	/	<=33	Pass
		Inner_Full	19.06	/	/	20.36	/	/	<=33	Pass
		Inner_1RB_Left	19.18	/	/	20.48	/	/	<=33	Pass
	2535	Inner_1RB_Right	19.09	/	/	20.39	/	/	<=33	Pass
		Edge_1RB_Left	18.87	/	/	20.17	/	/	<=33	Pass
		Edge_1RB_Right	18.70	/	/	20.00	/	/	<=33	Pass
		Outer_Full	18.69	/	/	19.99	/	/	<=33	Pass
		Inner_Full	18.76	/	/	20.06	/	/	<=33	Pass
	2557.5	Inner_1RB_Left	18.91	/	/	20.21	/	/	<=33	Pass
		Inner_1RB_Right	18.71	/	/	20.01	/	/	<=33	Pass
		Edge_1RB_Left	18.73	/	/	20.03	/	/	<=33	Pass
		Edge_1RB_Right	18.71	/	/	20.01	/	/	<=33	Pass
		Outer_Full	18.77	/	/	20.07	/	/	<=33	Pass
		Inner_Full	18.71	/	/	20.01	/	/	<=33	Pass
		Inner_1RB_Left	18.69	/	/	19.99	/	/	<=33	Pass
		Inner_1RB_Right	18.72	/	/	20.02	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 1.30dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.13 30k_SISO_30MHz_NTNV_EIRP

1.13.1 Test Result

5G NR n7 SCS=30kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2515	Edge_1RB_Left	24.81	/	/	26.11	/	/	<=33	Pass
		Edge_1RB_Right	24.95	/	/	26.25	/	/	<=33	Pass
		Outer_Full	23.41	/	/	24.71	/	/	<=33	Pass
		Inner_Full	24.33	/	/	25.63	/	/	<=33	Pass
		Inner_1RB_Left	25.34	/	/	26.64	/	/	<=33	Pass
		Inner_1RB_Right	24.42	/	/	25.72	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.83	/	/	26.13	/	/	<=33	Pass
		Edge_1RB_Right	23.15	/	/	24.45	/	/	<=33	Pass
		Outer_Full	23.28	/	/	24.58	/	/	<=33	Pass
		Inner_Full	23.32	/	/	24.62	/	/	<=33	Pass
		Inner_1RB_Left	23.35	/	/	24.65	/	/	<=33	Pass
		Inner_1RB_Right	23.13	/	/	24.43	/	/	<=33	Pass
	2555	Edge_1RB_Left	24.69	/	/	25.99	/	/	<=33	Pass
		Edge_1RB_Right	24.52	/	/	25.82	/	/	<=33	Pass
		Outer_Full	23.01	/	/	24.31	/	/	<=33	Pass
		Inner_Full	23.95	/	/	25.25	/	/	<=33	Pass
		Inner_1RB_Left	25.21	/	/	26.51	/	/	<=33	Pass
		Inner_1RB_Right	25.02	/	/	26.32	/	/	<=33	Pass
DFT-s-OFDM QPSK	2515	Edge_1RB_Left	24.23	/	/	25.53	/	/	<=33	Pass
		Edge_1RB_Right	24.37	/	/	25.67	/	/	<=33	Pass
		Outer_Full	23.42	/	/	24.72	/	/	<=33	Pass
		Inner_Full	24.37	/	/	25.67	/	/	<=33	Pass
		Inner_1RB_Left	25.16	/	/	26.46	/	/	<=33	Pass
		Inner_1RB_Right	24.34	/	/	25.64	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.29	/	/	25.59	/	/	<=33	Pass
		Edge_1RB_Right	23.15	/	/	24.45	/	/	<=33	Pass
		Outer_Full	23.33	/	/	24.63	/	/	<=33	Pass
		Inner_Full	23.39	/	/	24.69	/	/	<=33	Pass
		Inner_1RB_Left	23.27	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Right	23.13	/	/	24.43	/	/	<=33	Pass
	2555	Edge_1RB_Left	24.16	/	/	25.46	/	/	<=33	Pass
		Edge_1RB_Right	23.98	/	/	25.28	/	/	<=33	Pass
		Outer_Full	24.05	/	/	25.35	/	/	<=33	Pass
		Inner_Full	23.95	/	/	25.25	/	/	<=33	Pass
		Inner_1RB_Left	25.06	/	/	26.36	/	/	<=33	Pass
		Inner_1RB_Right	24.86	/	/	26.16	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2515	Edge_1RB_Left	23.45	/	/	24.75	/	/	<=33	Pass
		Edge_1RB_Right	23.57	/	/	24.87	/	/	<=33	Pass
		Outer_Full	23.41	/	/	24.71	/	/	<=33	Pass
		Inner_Full	23.44	/	/	24.74	/	/	<=33	Pass
		Inner_1RB_Left	23.45	/	/	24.75	/	/	<=33	Pass



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	2535	Inner_1RB_Right	23.60	/	/	24.90	/	/	<=33	Pass	
		Edge_1RB_Left	23.60	/	/	24.90	/	/	<=33	Pass	
		Edge_1RB_Right	23.34	/	/	24.64	/	/	<=33	Pass	
		Outer_Full	23.31	/	/	24.61	/	/	<=33	Pass	
		Inner_Full	23.31	/	/	24.61	/	/	<=33	Pass	
		Inner_1RB_Left	23.52	/	/	24.82	/	/	<=33	Pass	
	2555	Inner_1RB_Right	23.28	/	/	24.58	/	/	<=33	Pass	
		Edge_1RB_Left	23.32	/	/	24.62	/	/	<=33	Pass	
		Edge_1RB_Right	23.19	/	/	24.49	/	/	<=33	Pass	
		Outer_Full	23.05	/	/	24.35	/	/	<=33	Pass	
		Inner_Full	24.07	/	/	25.37	/	/	<=33	Pass	
		Inner_1RB_Left	24.40	/	/	25.70	/	/	<=33	Pass	
	DFT-s-OFDM 64 QAM	2515	Inner_1RB_Right	24.26	/	/	25.56	/	/	<=33	Pass
			Edge_1RB_Left	22.96	/	/	24.26	/	/	<=33	Pass
Edge_1RB_Right			23.00	/	/	24.30	/	/	<=33	Pass	
Outer_Full			22.96	/	/	24.26	/	/	<=33	Pass	
Inner_Full			22.90	/	/	24.20	/	/	<=33	Pass	
Inner_1RB_Left			22.82	/	/	24.12	/	/	<=33	Pass	
2535		Inner_1RB_Right	23.00	/	/	24.30	/	/	<=33	Pass	
		Edge_1RB_Left	22.93	/	/	24.23	/	/	<=33	Pass	
		Edge_1RB_Right	22.77	/	/	24.07	/	/	<=33	Pass	
		Outer_Full	22.77	/	/	24.07	/	/	<=33	Pass	
		Inner_Full	22.91	/	/	24.21	/	/	<=33	Pass	
		Inner_1RB_Left	22.94	/	/	24.24	/	/	<=33	Pass	
2555		Inner_1RB_Right	22.80	/	/	24.10	/	/	<=33	Pass	
		Edge_1RB_Left	22.79	/	/	24.09	/	/	<=33	Pass	
	Edge_1RB_Right	22.63	/	/	23.93	/	/	<=33	Pass		
	Outer_Full	22.60	/	/	23.90	/	/	<=33	Pass		
	Inner_Full	22.61	/	/	23.91	/	/	<=33	Pass		
	Inner_1RB_Left	22.83	/	/	24.13	/	/	<=33	Pass		
DFT-s-OFDM 256 QAM	2515	Inner_1RB_Right	22.60	/	/	23.90	/	/	<=33	Pass	
		Edge_1RB_Left	20.90	/	/	22.20	/	/	<=33	Pass	
		Edge_1RB_Right	20.86	/	/	22.16	/	/	<=33	Pass	
		Outer_Full	20.94	/	/	22.24	/	/	<=33	Pass	
		Inner_Full	20.85	/	/	22.15	/	/	<=33	Pass	
		Inner_1RB_Left	20.90	/	/	22.20	/	/	<=33	Pass	
	2535	Inner_1RB_Right	20.85	/	/	22.15	/	/	<=33	Pass	
		Edge_1RB_Left	20.84	/	/	22.14	/	/	<=33	Pass	
		Edge_1RB_Right	20.66	/	/	21.96	/	/	<=33	Pass	
		Outer_Full	20.68	/	/	21.98	/	/	<=33	Pass	
		Inner_Full	20.71	/	/	22.01	/	/	<=33	Pass	
		Inner_1RB_Left	20.81	/	/	22.11	/	/	<=33	Pass	
	2555	Inner_1RB_Right	20.65	/	/	21.95	/	/	<=33	Pass	
		Edge_1RB_Left	20.68	/	/	21.98	/	/	<=33	Pass	
Edge_1RB_Right		20.61	/	/	21.91	/	/	<=33	Pass		
Outer_Full		20.63	/	/	21.93	/	/	<=33	Pass		
Inner_Full		20.56	/	/	21.86	/	/	<=33	Pass		
Inner_1RB_Left		20.61	/	/	21.91	/	/	<=33	Pass		
		Inner_1RB_Right	20.62	/	/	21.92	/	/	<=33	Pass	



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CP-OFDM QPSK	2515	Edge_1RB_Left	22.27	/	/	23.57	/	/	<=33	Pass
		Edge_1RB_Right	22.24	/	/	23.54	/	/	<=33	Pass
		Outer_Full	22.48	/	/	23.78	/	/	<=33	Pass
		Inner_Full	23.86	/	/	25.16	/	/	<=33	Pass
		Inner_1RB_Left	23.87	/	/	25.17	/	/	<=33	Pass
	Inner_1RB_Right	23.89	/	/	25.19	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.25	/	/	23.55	/	/	<=33	Pass
		Edge_1RB_Right	22.03	/	/	23.33	/	/	<=33	Pass
		Outer_Full	22.28	/	/	23.58	/	/	<=33	Pass
		Inner_Full	23.72	/	/	25.02	/	/	<=33	Pass
		Inner_1RB_Left	23.87	/	/	25.17	/	/	<=33	Pass
	Inner_1RB_Right	23.61	/	/	24.91	/	/	<=33	Pass	
	2555	Edge_1RB_Left	22.06	/	/	23.36	/	/	<=33	Pass
		Edge_1RB_Right	21.87	/	/	23.17	/	/	<=33	Pass
		Outer_Full	22.17	/	/	23.47	/	/	<=33	Pass
Inner_Full		23.47	/	/	24.77	/	/	<=33	Pass	
Inner_1RB_Left		23.62	/	/	24.92	/	/	<=33	Pass	
Inner_1RB_Right	23.60	/	/	24.90	/	/	<=33	Pass		
CP-OFDM 16 QAM	2515	Edge_1RB_Left	22.38	/	/	23.68	/	/	<=33	Pass
		Edge_1RB_Right	22.49	/	/	23.79	/	/	<=33	Pass
		Outer_Full	22.41	/	/	23.71	/	/	<=33	Pass
		Inner_Full	23.37	/	/	24.67	/	/	<=33	Pass
		Inner_1RB_Left	23.29	/	/	24.59	/	/	<=33	Pass
	Inner_1RB_Right	23.44	/	/	24.74	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.44	/	/	23.74	/	/	<=33	Pass
		Edge_1RB_Right	22.30	/	/	23.60	/	/	<=33	Pass
		Outer_Full	22.29	/	/	23.59	/	/	<=33	Pass
		Inner_Full	23.30	/	/	24.60	/	/	<=33	Pass
		Inner_1RB_Left	23.40	/	/	24.70	/	/	<=33	Pass
	Inner_1RB_Right	23.15	/	/	24.45	/	/	<=33	Pass	
	2555	Edge_1RB_Left	22.33	/	/	23.63	/	/	<=33	Pass
		Edge_1RB_Right	22.09	/	/	23.39	/	/	<=33	Pass
		Outer_Full	22.17	/	/	23.47	/	/	<=33	Pass
Inner_Full		23.09	/	/	24.39	/	/	<=33	Pass	
Inner_1RB_Left		23.23	/	/	24.53	/	/	<=33	Pass	
Inner_1RB_Right	23.03	/	/	24.33	/	/	<=33	Pass		
CP-OFDM 64 QAM	2515	Edge_1RB_Left	21.97	/	/	23.27	/	/	<=33	Pass
		Edge_1RB_Right	22.07	/	/	23.37	/	/	<=33	Pass
		Outer_Full	21.87	/	/	23.17	/	/	<=33	Pass
		Inner_Full	21.90	/	/	23.20	/	/	<=33	Pass
		Inner_1RB_Left	21.97	/	/	23.27	/	/	<=33	Pass
	Inner_1RB_Right	22.08	/	/	23.38	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.02	/	/	23.32	/	/	<=33	Pass
		Edge_1RB_Right	21.88	/	/	23.18	/	/	<=33	Pass
		Outer_Full	21.86	/	/	23.16	/	/	<=33	Pass
		Inner_Full	21.87	/	/	23.17	/	/	<=33	Pass
		Inner_1RB_Left	22.01	/	/	23.31	/	/	<=33	Pass
	Inner_1RB_Right	21.89	/	/	23.19	/	/	<=33	Pass	
	2555	Edge_1RB_Left	21.87	/	/	23.17	/	/	<=33	Pass



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CP-OFDM 256 QAM		Edge_1RB_Right	21.71	/	/	23.01	/	/	<=33	Pass	
		Outer_Full	21.58	/	/	22.88	/	/	<=33	Pass	
		Inner_Full	21.63	/	/	22.93	/	/	<=33	Pass	
		Inner_1RB_Left	21.88	/	/	23.18	/	/	<=33	Pass	
		Inner_1RB_Right	21.69	/	/	22.99	/	/	<=33	Pass	
	2515	Edge_1RB_Left	19.00	/	/	20.30	/	/	<=33	Pass	
		Edge_1RB_Right	18.94	/	/	20.24	/	/	<=33	Pass	
		Outer_Full	18.92	/	/	20.22	/	/	<=33	Pass	
		Inner_Full	18.89	/	/	20.19	/	/	<=33	Pass	
		Inner_1RB_Left	19.03	/	/	20.33	/	/	<=33	Pass	
		Inner_1RB_Right	18.95	/	/	20.25	/	/	<=33	Pass	
		2535	Edge_1RB_Left	18.94	/	/	20.24	/	/	<=33	Pass
			Edge_1RB_Right	18.78	/	/	20.08	/	/	<=33	Pass
			Outer_Full	18.72	/	/	20.02	/	/	<=33	Pass
			Inner_Full	18.72	/	/	20.02	/	/	<=33	Pass
	Inner_1RB_Left		18.91	/	/	20.21	/	/	<=33	Pass	
	2555	Inner_1RB_Right	18.78	/	/	20.08	/	/	<=33	Pass	
		Edge_1RB_Left	18.73	/	/	20.03	/	/	<=33	Pass	
		Edge_1RB_Right	18.69	/	/	19.99	/	/	<=33	Pass	
		Outer_Full	18.63	/	/	19.93	/	/	<=33	Pass	
Inner_Full		18.62	/	/	19.92	/	/	<=33	Pass		
Inner_1RB_Left		18.75	/	/	20.05	/	/	<=33	Pass		
Inner_1RB_Right		18.68	/	/	19.98	/	/	<=33	Pass		

Note1: Antenna Gain: Ant1: 1.30dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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1.14 30k_SISO_40MHz_NTNV_EIRP

1.14.1 Test Result

5G NR n7 SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2520	Edge_1RB_Left	24.81	/	/	26.11	/	/	<=33	Pass
		Edge_1RB_Right	24.90	/	/	26.20	/	/	<=33	Pass
		Outer_Full	24.48	/	/	25.78	/	/	<=33	Pass
		Inner_Full	24.50	/	/	25.80	/	/	<=33	Pass
		Inner_1RB_Left	25.43	/	/	26.73	/	/	<=33	Pass
		Inner_1RB_Right	24.37	/	/	25.67	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.80	/	/	26.10	/	/	<=33	Pass
		Edge_1RB_Right	23.03	/	/	24.33	/	/	<=33	Pass
		Outer_Full	23.22	/	/	24.52	/	/	<=33	Pass
		Inner_Full	23.32	/	/	24.62	/	/	<=33	Pass
		Inner_1RB_Left	23.34	/	/	24.64	/	/	<=33	Pass
		Inner_1RB_Right	23.06	/	/	24.36	/	/	<=33	Pass
	2550	Edge_1RB_Left	24.84	/	/	26.14	/	/	<=33	Pass
		Edge_1RB_Right	24.57	/	/	25.87	/	/	<=33	Pass
		Outer_Full	24.27	/	/	25.57	/	/	<=33	Pass
		Inner_Full	24.20	/	/	25.50	/	/	<=33	Pass
		Inner_1RB_Left	25.46	/	/	26.76	/	/	<=33	Pass
		Inner_1RB_Right	24.09	/	/	25.39	/	/	<=33	Pass
DFT-s-OFDM QPSK	2520	Edge_1RB_Left	24.32	/	/	25.62	/	/	<=33	Pass
		Edge_1RB_Right	24.34	/	/	25.64	/	/	<=33	Pass
		Outer_Full	23.50	/	/	24.80	/	/	<=33	Pass
		Inner_Full	24.50	/	/	25.80	/	/	<=33	Pass
		Inner_1RB_Left	25.30	/	/	26.60	/	/	<=33	Pass
		Inner_1RB_Right	24.35	/	/	25.65	/	/	<=33	Pass
	2535	Edge_1RB_Left	24.22	/	/	25.52	/	/	<=33	Pass
		Edge_1RB_Right	23.04	/	/	24.34	/	/	<=33	Pass
		Outer_Full	23.35	/	/	24.65	/	/	<=33	Pass
		Inner_Full	23.27	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Left	23.31	/	/	24.61	/	/	<=33	Pass
		Inner_1RB_Right	23.05	/	/	24.35	/	/	<=33	Pass
	2550	Edge_1RB_Left	24.37	/	/	25.67	/	/	<=33	Pass
		Edge_1RB_Right	24.08	/	/	25.38	/	/	<=33	Pass
		Outer_Full	23.24	/	/	24.54	/	/	<=33	Pass
		Inner_Full	24.23	/	/	25.53	/	/	<=33	Pass
		Inner_1RB_Left	25.31	/	/	26.61	/	/	<=33	Pass
		Inner_1RB_Right	24.93	/	/	26.23	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2520	Edge_1RB_Left	23.50	/	/	24.80	/	/	<=33	Pass
		Edge_1RB_Right	23.49	/	/	24.79	/	/	<=33	Pass
		Outer_Full	23.53	/	/	24.83	/	/	<=33	Pass
		Inner_Full	23.53	/	/	24.83	/	/	<=33	Pass
		Inner_1RB_Left	23.56	/	/	24.86	/	/	<=33	Pass



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	2535	Inner_1RB_Right	23.54	/	/	24.84	/	/	<=33	Pass
		Edge_1RB_Left	23.54	/	/	24.84	/	/	<=33	Pass
		Edge_1RB_Right	23.19	/	/	24.49	/	/	<=33	Pass
		Outer_Full	23.25	/	/	24.55	/	/	<=33	Pass
		Inner_Full	23.31	/	/	24.61	/	/	<=33	Pass
		Inner_1RB_Left	23.50	/	/	24.80	/	/	<=33	Pass
		Inner_1RB_Right	23.17	/	/	24.47	/	/	<=33	Pass
	2550	Edge_1RB_Left	23.60	/	/	24.90	/	/	<=33	Pass
		Edge_1RB_Right	23.30	/	/	24.60	/	/	<=33	Pass
		Outer_Full	23.29	/	/	24.59	/	/	<=33	Pass
		Inner_Full	23.28	/	/	24.58	/	/	<=33	Pass
		Inner_1RB_Left	23.63	/	/	24.93	/	/	<=33	Pass
		Inner_1RB_Right	23.28	/	/	24.58	/	/	<=33	Pass
		Inner_1RB_Right	23.17	/	/	24.47	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2520	Edge_1RB_Left	23.05	/	/	24.35	/	/	<=33	Pass
		Edge_1RB_Right	23.07	/	/	24.37	/	/	<=33	Pass
		Outer_Full	23.02	/	/	24.32	/	/	<=33	Pass
		Inner_Full	22.98	/	/	24.28	/	/	<=33	Pass
		Inner_1RB_Left	22.95	/	/	24.25	/	/	<=33	Pass
		Inner_1RB_Right	23.12	/	/	24.42	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.98	/	/	24.28	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	24.03	/	/	<=33	Pass
		Outer_Full	22.70	/	/	24.00	/	/	<=33	Pass
		Inner_Full	22.75	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Left	22.98	/	/	24.28	/	/	<=33	Pass
		Inner_1RB_Right	22.64	/	/	23.94	/	/	<=33	Pass
	2550	Edge_1RB_Left	23.08	/	/	24.38	/	/	<=33	Pass
		Edge_1RB_Right	22.81	/	/	24.11	/	/	<=33	Pass
		Outer_Full	22.79	/	/	24.09	/	/	<=33	Pass
		Inner_Full	22.77	/	/	24.07	/	/	<=33	Pass
		Inner_1RB_Left	23.12	/	/	24.42	/	/	<=33	Pass
		Inner_1RB_Right	22.74	/	/	24.04	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2520	Edge_1RB_Left	20.97	/	/	22.27	/	/	<=33	Pass
		Edge_1RB_Right	20.87	/	/	22.17	/	/	<=33	Pass
		Outer_Full	21.00	/	/	22.30	/	/	<=33	Pass
		Inner_Full	20.96	/	/	22.26	/	/	<=33	Pass
		Inner_1RB_Left	20.95	/	/	22.25	/	/	<=33	Pass
		Inner_1RB_Right	20.81	/	/	22.11	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.80	/	/	22.10	/	/	<=33	Pass
		Edge_1RB_Right	20.64	/	/	21.94	/	/	<=33	Pass
		Outer_Full	20.67	/	/	21.97	/	/	<=33	Pass
		Inner_Full	20.73	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Left	20.82	/	/	22.12	/	/	<=33	Pass
		Inner_1RB_Right	20.63	/	/	21.93	/	/	<=33	Pass
	2550	Edge_1RB_Left	20.91	/	/	22.21	/	/	<=33	Pass
		Edge_1RB_Right	20.71	/	/	22.01	/	/	<=33	Pass
		Outer_Full	20.83	/	/	22.13	/	/	<=33	Pass
		Inner_Full	20.74	/	/	22.04	/	/	<=33	Pass
		Inner_1RB_Left	20.89	/	/	22.19	/	/	<=33	Pass
		Inner_1RB_Right	20.71	/	/	22.01	/	/	<=33	Pass



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