

		Inner_Full	22.68	/	/	24.43	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.45	/	/	24.20	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.59	/	/	24.34	/	/	<=38.45	Pass	
CP-OFDM 16 QAM	829	Edge_1RB_Left	21.05	/	/	22.80	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.15	/	/	22.90	/	/	<=38.45	Pass	
		Outer_Full	21.00	/	/	22.75	/	/	<=38.45	Pass	
		Inner_Full	21.98	/	/	23.73	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.07	/	/	23.82	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.28	/	/	24.03	/	/	<=38.45	Pass	
		Edge_1RB_Left	21.34	/	/	23.09	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.41	/	/	23.16	/	/	<=38.45	Pass	
	836.5	Outer_Full	21.13	/	/	22.88	/	/	<=38.45	Pass	
		Inner_Full	22.06	/	/	23.81	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.34	/	/	24.09	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.53	/	/	24.28	/	/	<=38.45	Pass	
		Edge_1RB_Left	21.22	/	/	22.97	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.44	/	/	23.19	/	/	<=38.45	Pass	
	844	Outer_Full	21.12	/	/	22.87	/	/	<=38.45	Pass	
		Inner_Full	22.12	/	/	23.87	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.31	/	/	24.06	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.55	/	/	24.30	/	/	<=38.45	Pass	
CP-OFDM 64 QAM		829	Edge_1RB_Left	20.47	/	/	22.22	/	/	<=38.45	Pass
			Edge_1RB_Right	20.58	/	/	22.33	/	/	<=38.45	Pass
	Outer_Full		20.39	/	/	22.14	/	/	<=38.45	Pass	
	Inner_Full		20.48	/	/	22.23	/	/	<=38.45	Pass	
	Inner_1RB_Left		20.48	/	/	22.23	/	/	<=38.45	Pass	
	Inner_1RB_Right		20.65	/	/	22.40	/	/	<=38.45	Pass	
836.5	Edge_1RB_Left	20.77	/	/	22.52	/	/	<=38.45	Pass		
	Edge_1RB_Right	20.68	/	/	22.43	/	/	<=38.45	Pass		
	Outer_Full	20.55	/	/	22.30	/	/	<=38.45	Pass		
	Inner_Full	20.64	/	/	22.39	/	/	<=38.45	Pass		
	Inner_1RB_Left	20.58	/	/	22.33	/	/	<=38.45	Pass		
	Inner_1RB_Right	20.76	/	/	22.51	/	/	<=38.45	Pass		
	844	Edge_1RB_Left	20.52	/	/	22.27	/	/	<=38.45	Pass	
		Edge_1RB_Right	20.67	/	/	22.42	/	/	<=38.45	Pass	
		Outer_Full	20.68	/	/	22.43	/	/	<=38.45	Pass	
		Inner_Full	20.66	/	/	22.41	/	/	<=38.45	Pass	
Inner_1RB_Left		20.61	/	/	22.36	/	/	<=38.45	Pass		
Inner_1RB_Right		20.70	/	/	22.45	/	/	<=38.45	Pass		
CP-OFDM 256 QAM	829	Edge_1RB_Left	17.32	/	/	19.07	/	/	<=38.45	Pass	
		Edge_1RB_Right	17.48	/	/	19.23	/	/	<=38.45	Pass	
		Outer_Full	17.54	/	/	19.29	/	/	<=38.45	Pass	
		Inner_Full	17.52	/	/	19.27	/	/	<=38.45	Pass	
		Inner_1RB_Left	17.36	/	/	19.11	/	/	<=38.45	Pass	
		Inner_1RB_Right	17.55	/	/	19.30	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	17.64	/	/	19.39	/	/	<=38.45	Pass	
		Edge_1RB_Right	17.60	/	/	19.35	/	/	<=38.45	Pass	
		Outer_Full	17.56	/	/	19.31	/	/	<=38.45	Pass	
		Inner_Full	17.51	/	/	19.26	/	/	<=38.45	Pass	
		Inner_1RB_Left	17.50	/	/	19.25	/	/	<=38.45	Pass	
		Inner_1RB_Right	17.61	/	/	19.36	/	/	<=38.45	Pass	
	844	Edge_1RB_Left	17.49	/	/	19.24	/	/	<=38.45	Pass	
		Edge_1RB_Right	17.71	/	/	19.46	/	/	<=38.45	Pass	
		Outer_Full	17.58	/	/	19.33	/	/	<=38.45	Pass	



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		Inner_Full	17.62	/	/	19.37	/	/	<=38.45	Pass
		Inner_1RB_Left	17.52	/	/	19.27	/	/	<=38.45	Pass
		Inner_1RB_Right	17.73	/	/	19.48	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: 3.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2.6 30k SISO 15MHz NTNV ERP

2.6.1 Test Result

5G NR n5 SCS=30kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	831.5	Edge_1RB_Left	23.20	/	/	24.95	/	/	<=38.45	Pass
		Edge_1RB_Right	23.27	/	/	25.02	/	/	<=38.45	Pass
		Outer_Full	23.35	/	/	25.10	/	/	<=38.45	Pass
		Inner_Full	23.88	/	/	25.63	/	/	<=38.45	Pass
		Inner_1RB_Left	23.75	/	/	25.50	/	/	<=38.45	Pass
		Inner_1RB_Right	23.79	/	/	25.54	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.34	/	/	25.09	/	/	<=38.45	Pass
		Edge_1RB_Right	23.41	/	/	25.16	/	/	<=38.45	Pass
		Outer_Full	23.48	/	/	25.23	/	/	<=38.45	Pass
		Inner_Full	23.96	/	/	25.71	/	/	<=38.45	Pass
		Inner_1RB_Left	23.84	/	/	25.59	/	/	<=38.45	Pass
		Inner_1RB_Right	23.92	/	/	25.67	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	23.37	/	/	25.12	/	/	<=38.45	Pass
		Edge_1RB_Right	23.43	/	/	25.18	/	/	<=38.45	Pass
		Outer_Full	23.40	/	/	25.15	/	/	<=38.45	Pass
		Inner_Full	23.99	/	/	25.74	/	/	<=38.45	Pass
		Inner_1RB_Left	23.82	/	/	25.57	/	/	<=38.45	Pass
		Inner_1RB_Right	23.95	/	/	25.70	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	831.5	Edge_1RB_Left	22.61	/	/	24.36	/	/	<=38.45	Pass
		Edge_1RB_Right	22.71	/	/	24.46	/	/	<=38.45	Pass
		Outer_Full	22.83	/	/	24.58	/	/	<=38.45	Pass
		Inner_Full	23.81	/	/	25.56	/	/	<=38.45	Pass
		Inner_1RB_Left	23.57	/	/	25.32	/	/	<=38.45	Pass
		Inner_1RB_Right	23.75	/	/	25.50	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.70	/	/	24.45	/	/	<=38.45	Pass
		Edge_1RB_Right	22.92	/	/	24.67	/	/	<=38.45	Pass
		Outer_Full	23.00	/	/	24.75	/	/	<=38.45	Pass
		Inner_Full	23.95	/	/	25.70	/	/	<=38.45	Pass
		Inner_1RB_Left	23.76	/	/	25.51	/	/	<=38.45	Pass
		Inner_1RB_Right	23.92	/	/	25.67	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	22.73	/	/	24.48	/	/	<=38.45	Pass
		Edge_1RB_Right	22.93	/	/	24.68	/	/	<=38.45	Pass
		Outer_Full	22.96	/	/	24.71	/	/	<=38.45	Pass
		Inner_Full	24.06	/	/	25.81	/	/	<=38.45	Pass
		Inner_1RB_Left	23.76	/	/	25.51	/	/	<=38.45	Pass
		Inner_1RB_Right	23.94	/	/	25.69	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	831.5	Edge_1RB_Left	21.81	/	/	23.56	/	/	<=38.45	Pass
		Edge_1RB_Right	21.90	/	/	23.65	/	/	<=38.45	Pass
		Outer_Full	21.97	/	/	23.72	/	/	<=38.45	Pass



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	836.5	Inner_Full	22.93	/	/	24.68	/	/	<=38.45	Pass
		Inner_1RB_Left	22.53	/	/	24.28	/	/	<=38.45	Pass
		Inner_1RB_Right	22.66	/	/	24.41	/	/	<=38.45	Pass
		Edge_1RB_Left	21.77	/	/	23.52	/	/	<=38.45	Pass
		Edge_1RB_Right	21.96	/	/	23.71	/	/	<=38.45	Pass
		Outer_Full	22.12	/	/	23.87	/	/	<=38.45	Pass
		Inner_Full	22.99	/	/	24.74	/	/	<=38.45	Pass
		Inner_1RB_Left	22.63	/	/	24.38	/	/	<=38.45	Pass
		Inner_1RB_Right	22.84	/	/	24.59	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.81	/	/	23.56	/	/	<=38.45	Pass
		Edge_1RB_Right	22.00	/	/	23.75	/	/	<=38.45	Pass
		Outer_Full	22.14	/	/	23.89	/	/	<=38.45	Pass
		Inner_Full	23.09	/	/	24.84	/	/	<=38.45	Pass
		Inner_1RB_Left	22.69	/	/	24.44	/	/	<=38.45	Pass
		Inner_1RB_Right	22.82	/	/	24.57	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	831.5	Edge_1RB_Left	21.31	/	/	23.06	/	/	<=38.45	Pass
		Edge_1RB_Right	21.55	/	/	23.30	/	/	<=38.45	Pass
		Outer_Full	21.49	/	/	23.24	/	/	<=38.45	Pass
		Inner_Full	21.57	/	/	23.32	/	/	<=38.45	Pass
		Inner_1RB_Left	21.36	/	/	23.11	/	/	<=38.45	Pass
		Inner_1RB_Right	21.51	/	/	23.26	/	/	<=38.45	Pass
		Inner_1RB_Right	21.51	/	/	23.26	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.43	/	/	23.18	/	/	<=38.45	Pass
		Edge_1RB_Right	21.65	/	/	23.40	/	/	<=38.45	Pass
		Outer_Full	21.65	/	/	23.40	/	/	<=38.45	Pass
		Inner_Full	21.61	/	/	23.36	/	/	<=38.45	Pass
		Inner_1RB_Left	21.49	/	/	23.24	/	/	<=38.45	Pass
		Inner_1RB_Right	21.70	/	/	23.45	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	21.50	/	/	23.25	/	/	<=38.45	Pass
		Edge_1RB_Right	21.67	/	/	23.42	/	/	<=38.45	Pass
		Outer_Full	21.60	/	/	23.35	/	/	<=38.45	Pass
		Inner_Full	21.65	/	/	23.40	/	/	<=38.45	Pass
		Inner_1RB_Left	21.51	/	/	23.26	/	/	<=38.45	Pass
Inner_1RB_Right		21.70	/	/	23.45	/	/	<=38.45	Pass	
DFT-s-OFDM 256 QAM	831.5	Edge_1RB_Left	19.34	/	/	21.09	/	/	<=38.45	Pass
		Edge_1RB_Right	19.52	/	/	21.27	/	/	<=38.45	Pass
		Outer_Full	19.42	/	/	21.17	/	/	<=38.45	Pass
		Inner_Full	19.54	/	/	21.29	/	/	<=38.45	Pass
		Inner_1RB_Left	19.33	/	/	21.08	/	/	<=38.45	Pass
		Inner_1RB_Right	19.53	/	/	21.28	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.46	/	/	21.21	/	/	<=38.45	Pass
		Edge_1RB_Right	19.69	/	/	21.44	/	/	<=38.45	Pass
		Outer_Full	19.64	/	/	21.39	/	/	<=38.45	Pass
		Inner_Full	19.60	/	/	21.35	/	/	<=38.45	Pass
		Inner_1RB_Left	19.50	/	/	21.25	/	/	<=38.45	Pass
		Inner_1RB_Right	19.72	/	/	21.47	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	19.51	/	/	21.26	/	/	<=38.45	Pass
		Edge_1RB_Right	19.82	/	/	21.57	/	/	<=38.45	Pass
		Outer_Full	19.64	/	/	21.39	/	/	<=38.45	Pass
		Inner_Full	19.74	/	/	21.49	/	/	<=38.45	Pass
		Inner_1RB_Left	19.54	/	/	21.29	/	/	<=38.45	Pass
		Inner_1RB_Right	19.75	/	/	21.50	/	/	<=38.45	Pass
CP-OFDM QPSK	831.5	Edge_1RB_Left	20.87	/	/	22.62	/	/	<=38.45	Pass
		Edge_1RB_Right	21.02	/	/	22.77	/	/	<=38.45	Pass
		Outer_Full	20.93	/	/	22.68	/	/	<=38.45	Pass

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	836.5	Inner_Full	22.55	/	/	24.30	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.25	/	/	24.00	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.51	/	/	24.26	/	/	<=38.45	Pass	
		Edge_1RB_Left	20.94	/	/	22.69	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.15	/	/	22.90	/	/	<=38.45	Pass	
		Outer_Full	21.16	/	/	22.91	/	/	<=38.45	Pass	
		Inner_Full	22.67	/	/	24.42	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.48	/	/	24.23	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.68	/	/	24.43	/	/	<=38.45	Pass	
	841.5	Edge_1RB_Left	20.98	/	/	22.73	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.12	/	/	22.87	/	/	<=38.45	Pass	
		Outer_Full	21.13	/	/	22.88	/	/	<=38.45	Pass	
		Inner_Full	22.63	/	/	24.38	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.68	/	/	24.43	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.87	/	/	24.62	/	/	<=38.45	Pass	
CP-OFDM 16 QAM	831.5	Edge_1RB_Left	21.09	/	/	22.84	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.26	/	/	23.01	/	/	<=38.45	Pass	
		Outer_Full	20.91	/	/	22.66	/	/	<=38.45	Pass	
		Inner_Full	21.90	/	/	23.65	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.16	/	/	23.91	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.37	/	/	24.12	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	21.21	/	/	22.96	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.56	/	/	23.31	/	/	<=38.45	Pass	
		Outer_Full	21.10	/	/	22.85	/	/	<=38.45	Pass	
		Inner_Full	22.07	/	/	23.82	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.30	/	/	24.05	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.38	/	/	24.13	/	/	<=38.45	Pass	
	841.5	Edge_1RB_Left	20.97	/	/	22.72	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.12	/	/	22.87	/	/	<=38.45	Pass	
		Outer_Full	21.11	/	/	22.86	/	/	<=38.45	Pass	
		Inner_Full	22.18	/	/	23.93	/	/	<=38.45	Pass	
		Inner_1RB_Left	21.97	/	/	23.72	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.08	/	/	23.83	/	/	<=38.45	Pass	
	CP-OFDM 64 QAM	831.5	Edge_1RB_Left	20.55	/	/	22.30	/	/	<=38.45	Pass
			Edge_1RB_Right	20.71	/	/	22.46	/	/	<=38.45	Pass
			Outer_Full	20.51	/	/	22.26	/	/	<=38.45	Pass
			Inner_Full	20.47	/	/	22.22	/	/	<=38.45	Pass
			Inner_1RB_Left	20.56	/	/	22.31	/	/	<=38.45	Pass
			Inner_1RB_Right	20.70	/	/	22.45	/	/	<=38.45	Pass
836.5		Edge_1RB_Left	20.50	/	/	22.25	/	/	<=38.45	Pass	
		Edge_1RB_Right	20.71	/	/	22.46	/	/	<=38.45	Pass	
		Outer_Full	20.69	/	/	22.44	/	/	<=38.45	Pass	
		Inner_Full	20.64	/	/	22.39	/	/	<=38.45	Pass	
		Inner_1RB_Left	20.53	/	/	22.28	/	/	<=38.45	Pass	
		Inner_1RB_Right	20.77	/	/	22.52	/	/	<=38.45	Pass	
841.5		Edge_1RB_Left	20.62	/	/	22.37	/	/	<=38.45	Pass	
		Edge_1RB_Right	20.82	/	/	22.57	/	/	<=38.45	Pass	
		Outer_Full	20.72	/	/	22.47	/	/	<=38.45	Pass	
		Inner_Full	20.68	/	/	22.43	/	/	<=38.45	Pass	
		Inner_1RB_Left	20.65	/	/	22.40	/	/	<=38.45	Pass	
		Inner_1RB_Right	20.80	/	/	22.55	/	/	<=38.45	Pass	
CP-OFDM 256 QAM	831.5	Edge_1RB_Left	17.32	/	/	19.07	/	/	<=38.45	Pass	
		Edge_1RB_Right	17.47	/	/	19.22	/	/	<=38.45	Pass	
		Outer_Full	17.33	/	/	19.08	/	/	<=38.45	Pass	



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		Inner_Full	17.38	/	/	19.13	/	/	<=38.45	Pass
		Inner_1RB_Left	17.37	/	/	19.12	/	/	<=38.45	Pass
		Inner_1RB_Right	17.50	/	/	19.25	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.49	/	/	19.24	/	/	<=38.45	Pass
		Edge_1RB_Right	17.77	/	/	19.52	/	/	<=38.45	Pass
		Outer_Full	17.51	/	/	19.26	/	/	<=38.45	Pass
		Inner_Full	17.56	/	/	19.31	/	/	<=38.45	Pass
		Inner_1RB_Left	17.53	/	/	19.28	/	/	<=38.45	Pass
		Inner_1RB_Right	17.70	/	/	19.45	/	/	<=38.45	Pass
	841.5	Edge_1RB_Left	17.54	/	/	19.29	/	/	<=38.45	Pass
		Edge_1RB_Right	17.72	/	/	19.47	/	/	<=38.45	Pass
		Outer_Full	17.61	/	/	19.36	/	/	<=38.45	Pass
		Inner_Full	17.63	/	/	19.38	/	/	<=38.45	Pass
		Inner_1RB_Left	17.55	/	/	19.30	/	/	<=38.45	Pass
		Inner_1RB_Right	17.74	/	/	19.49	/	/	<=38.45	Pass
Note1: Antenna Gain: Ant1: 3.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2.7 30k_SISO_20MHz_NTNV_ERP

2.7.1 Test Result

5G NR n5 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	834	Edge_1RB_Left	23.26	/	/	25.01	/	/	<=38.45	Pass
		Edge_1RB_Right	23.41	/	/	25.16	/	/	<=38.45	Pass
		Outer_Full	24.14	/	/	25.89	/	/	<=38.45	Pass
		Inner_Full	23.89	/	/	25.64	/	/	<=38.45	Pass
		Inner_1RB_Left	23.71	/	/	25.46	/	/	<=38.45	Pass
		Inner_1RB_Right	23.84	/	/	25.59	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	23.38	/	/	25.13	/	/	<=38.45	Pass
		Edge_1RB_Right	23.42	/	/	25.17	/	/	<=38.45	Pass
		Outer_Full	23.53	/	/	25.28	/	/	<=38.45	Pass
		Inner_Full	23.87	/	/	25.62	/	/	<=38.45	Pass
		Inner_1RB_Left	23.85	/	/	25.60	/	/	<=38.45	Pass
		Inner_1RB_Right	23.89	/	/	25.64	/	/	<=38.45	Pass
	839	Edge_1RB_Left	23.28	/	/	25.03	/	/	<=38.45	Pass
		Edge_1RB_Right	23.43	/	/	25.18	/	/	<=38.45	Pass
		Outer_Full	23.45	/	/	25.20	/	/	<=38.45	Pass
		Inner_Full	23.94	/	/	25.69	/	/	<=38.45	Pass
		Inner_1RB_Left	23.77	/	/	25.52	/	/	<=38.45	Pass
		Inner_1RB_Right	23.87	/	/	25.62	/	/	<=38.45	Pass
DFT-s-OFDM QPSK	834	Edge_1RB_Left	22.54	/	/	24.29	/	/	<=38.45	Pass
		Edge_1RB_Right	22.84	/	/	24.59	/	/	<=38.45	Pass
		Outer_Full	22.79	/	/	24.54	/	/	<=38.45	Pass
		Inner_Full	23.87	/	/	25.62	/	/	<=38.45	Pass
		Inner_1RB_Left	23.52	/	/	25.27	/	/	<=38.45	Pass
		Inner_1RB_Right	23.83	/	/	25.58	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	22.72	/	/	24.47	/	/	<=38.45	Pass
		Edge_1RB_Right	22.94	/	/	24.69	/	/	<=38.45	Pass
		Outer_Full	22.91	/	/	24.66	/	/	<=38.45	Pass



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		Inner_Full	23.99	/	/	25.74	/	/	<=38.45	Pass
		Inner_1RB_Left	23.66	/	/	25.41	/	/	<=38.45	Pass
		Inner_1RB_Right	23.93	/	/	25.68	/	/	<=38.45	Pass
	839	Edge_1RB_Left	22.67	/	/	24.42	/	/	<=38.45	Pass
		Edge_1RB_Right	23.02	/	/	24.77	/	/	<=38.45	Pass
		Outer_Full	22.90	/	/	24.65	/	/	<=38.45	Pass
		Inner_Full	23.99	/	/	25.74	/	/	<=38.45	Pass
		Inner_1RB_Left	23.72	/	/	25.47	/	/	<=38.45	Pass
		Inner_1RB_Right	23.93	/	/	25.68	/	/	<=38.45	Pass
DFT-s-OFDM 16 QAM	834	Edge_1RB_Left	21.70	/	/	23.45	/	/	<=38.45	Pass
		Edge_1RB_Right	21.94	/	/	23.69	/	/	<=38.45	Pass
		Outer_Full	21.94	/	/	23.69	/	/	<=38.45	Pass
		Inner_Full	22.85	/	/	24.60	/	/	<=38.45	Pass
		Inner_1RB_Left	22.53	/	/	24.28	/	/	<=38.45	Pass
		Inner_1RB_Right	22.91	/	/	24.66	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.73	/	/	23.48	/	/	<=38.45	Pass
		Edge_1RB_Right	21.97	/	/	23.72	/	/	<=38.45	Pass
		Outer_Full	22.15	/	/	23.90	/	/	<=38.45	Pass
		Inner_Full	22.95	/	/	24.70	/	/	<=38.45	Pass
		Inner_1RB_Left	22.74	/	/	24.49	/	/	<=38.45	Pass
		Inner_1RB_Right	22.80	/	/	24.55	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.72	/	/	23.47	/	/	<=38.45	Pass
		Edge_1RB_Right	21.99	/	/	23.74	/	/	<=38.45	Pass
		Outer_Full	22.10	/	/	23.85	/	/	<=38.45	Pass
		Inner_Full	22.98	/	/	24.73	/	/	<=38.45	Pass
		Inner_1RB_Left	22.67	/	/	24.42	/	/	<=38.45	Pass
		Inner_1RB_Right	22.88	/	/	24.63	/	/	<=38.45	Pass
DFT-s-OFDM 64 QAM	834	Edge_1RB_Left	21.26	/	/	23.01	/	/	<=38.45	Pass
		Edge_1RB_Right	21.53	/	/	23.28	/	/	<=38.45	Pass
		Outer_Full	21.47	/	/	23.22	/	/	<=38.45	Pass
		Inner_Full	21.48	/	/	23.23	/	/	<=38.45	Pass
		Inner_1RB_Left	21.25	/	/	23.00	/	/	<=38.45	Pass
		Inner_1RB_Right	21.63	/	/	23.38	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	21.38	/	/	23.13	/	/	<=38.45	Pass
		Edge_1RB_Right	21.59	/	/	23.34	/	/	<=38.45	Pass
		Outer_Full	21.63	/	/	23.38	/	/	<=38.45	Pass
		Inner_Full	21.59	/	/	23.34	/	/	<=38.45	Pass
		Inner_1RB_Left	21.38	/	/	23.13	/	/	<=38.45	Pass
		Inner_1RB_Right	21.59	/	/	23.34	/	/	<=38.45	Pass
	839	Edge_1RB_Left	21.35	/	/	23.10	/	/	<=38.45	Pass
		Edge_1RB_Right	21.66	/	/	23.41	/	/	<=38.45	Pass
		Outer_Full	21.64	/	/	23.39	/	/	<=38.45	Pass
		Inner_Full	21.66	/	/	23.41	/	/	<=38.45	Pass
		Inner_1RB_Left	21.44	/	/	23.19	/	/	<=38.45	Pass
		Inner_1RB_Right	21.69	/	/	23.44	/	/	<=38.45	Pass
DFT-s-OFDM 256 QAM	834	Edge_1RB_Left	19.23	/	/	20.98	/	/	<=38.45	Pass
		Edge_1RB_Right	19.69	/	/	21.44	/	/	<=38.45	Pass
		Outer_Full	19.44	/	/	21.19	/	/	<=38.45	Pass
		Inner_Full	19.44	/	/	21.19	/	/	<=38.45	Pass
		Inner_1RB_Left	19.28	/	/	21.03	/	/	<=38.45	Pass
		Inner_1RB_Right	19.61	/	/	21.36	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	19.37	/	/	21.12	/	/	<=38.45	Pass
		Edge_1RB_Right	19.64	/	/	21.39	/	/	<=38.45	Pass
		Outer_Full	19.62	/	/	21.37	/	/	<=38.45	Pass



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		Inner_Full	19.56	/	/	21.31	/	/	<=38.45	Pass	
		Inner_1RB_Left	19.34	/	/	21.09	/	/	<=38.45	Pass	
		Inner_1RB_Right	19.61	/	/	21.36	/	/	<=38.45	Pass	
	839	Edge_1RB_Left	19.43	/	/	21.18	/	/	<=38.45	Pass	
		Edge_1RB_Right	19.59	/	/	21.34	/	/	<=38.45	Pass	
		Outer_Full	19.58	/	/	21.33	/	/	<=38.45	Pass	
		Inner_Full	19.66	/	/	21.41	/	/	<=38.45	Pass	
		Inner_1RB_Left	19.43	/	/	21.18	/	/	<=38.45	Pass	
		Inner_1RB_Right	19.50	/	/	21.25	/	/	<=38.45	Pass	
CP-OFDM QPSK	834	Edge_1RB_Left	20.76	/	/	22.51	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.02	/	/	22.77	/	/	<=38.45	Pass	
		Outer_Full	20.99	/	/	22.74	/	/	<=38.45	Pass	
		Inner_Full	22.43	/	/	24.18	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.15	/	/	23.90	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.74	/	/	24.49	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	20.89	/	/	22.64	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.09	/	/	22.84	/	/	<=38.45	Pass	
		Outer_Full	21.10	/	/	22.85	/	/	<=38.45	Pass	
		Inner_Full	22.64	/	/	24.39	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.28	/	/	24.03	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.58	/	/	24.33	/	/	<=38.45	Pass	
	839	Edge_1RB_Left	20.95	/	/	22.70	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.32	/	/	23.07	/	/	<=38.45	Pass	
		Outer_Full	21.04	/	/	22.79	/	/	<=38.45	Pass	
		Inner_Full	22.61	/	/	24.36	/	/	<=38.45	Pass	
		Inner_1RB_Left	22.29	/	/	24.04	/	/	<=38.45	Pass	
		Inner_1RB_Right	22.48	/	/	24.23	/	/	<=38.45	Pass	
	CP-OFDM 16 QAM	834	Edge_1RB_Left	20.83	/	/	22.58	/	/	<=38.45	Pass
			Edge_1RB_Right	21.03	/	/	22.78	/	/	<=38.45	Pass
Outer_Full			20.93	/	/	22.68	/	/	<=38.45	Pass	
Inner_Full			22.02	/	/	23.77	/	/	<=38.45	Pass	
Inner_1RB_Left			21.72	/	/	23.47	/	/	<=38.45	Pass	
Inner_1RB_Right			21.94	/	/	23.69	/	/	<=38.45	Pass	
836.5		Edge_1RB_Left	20.97	/	/	22.72	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.03	/	/	22.78	/	/	<=38.45	Pass	
		Outer_Full	21.10	/	/	22.85	/	/	<=38.45	Pass	
		Inner_Full	22.12	/	/	23.87	/	/	<=38.45	Pass	
		Inner_1RB_Left	21.81	/	/	23.56	/	/	<=38.45	Pass	
		Inner_1RB_Right	21.97	/	/	23.72	/	/	<=38.45	Pass	
839		Edge_1RB_Left	20.71	/	/	22.46	/	/	<=38.45	Pass	
		Edge_1RB_Right	21.04	/	/	22.79	/	/	<=38.45	Pass	
		Outer_Full	21.05	/	/	22.80	/	/	<=38.45	Pass	
		Inner_Full	22.03	/	/	23.78	/	/	<=38.45	Pass	
		Inner_1RB_Left	21.77	/	/	23.52	/	/	<=38.45	Pass	
		Inner_1RB_Right	21.97	/	/	23.72	/	/	<=38.45	Pass	
CP-OFDM 64 QAM		834	Edge_1RB_Left	20.34	/	/	22.09	/	/	<=38.45	Pass
			Edge_1RB_Right	20.66	/	/	22.41	/	/	<=38.45	Pass
	Outer_Full		20.40	/	/	22.15	/	/	<=38.45	Pass	
	Inner_Full		20.58	/	/	22.33	/	/	<=38.45	Pass	
	Inner_1RB_Left		20.35	/	/	22.10	/	/	<=38.45	Pass	
	Inner_1RB_Right		20.59	/	/	22.34	/	/	<=38.45	Pass	
	836.5	Edge_1RB_Left	20.59	/	/	22.34	/	/	<=38.45	Pass	
		Edge_1RB_Right	20.81	/	/	22.56	/	/	<=38.45	Pass	
		Outer_Full	20.60	/	/	22.35	/	/	<=38.45	Pass	



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		Inner_Full	20.59	/	/	22.34	/	/	<=38.45	Pass
		Inner_1RB_Left	20.58	/	/	22.33	/	/	<=38.45	Pass
		Inner_1RB_Right	20.79	/	/	22.54	/	/	<=38.45	Pass
	839	Edge_1RB_Left	20.31	/	/	22.06	/	/	<=38.45	Pass
		Edge_1RB_Right	20.65	/	/	22.40	/	/	<=38.45	Pass
		Outer_Full	20.54	/	/	22.29	/	/	<=38.45	Pass
		Inner_Full	20.62	/	/	22.37	/	/	<=38.45	Pass
		Inner_1RB_Left	20.34	/	/	22.09	/	/	<=38.45	Pass
		Inner_1RB_Right	20.53	/	/	22.28	/	/	<=38.45	Pass
CP-OFDM 256 QAM	834	Edge_1RB_Left	17.29	/	/	19.04	/	/	<=38.45	Pass
		Edge_1RB_Right	17.62	/	/	19.37	/	/	<=38.45	Pass
		Outer_Full	17.40	/	/	19.15	/	/	<=38.45	Pass
		Inner_Full	17.35	/	/	19.10	/	/	<=38.45	Pass
		Inner_1RB_Left	17.28	/	/	19.03	/	/	<=38.45	Pass
		Inner_1RB_Right	17.61	/	/	19.36	/	/	<=38.45	Pass
	836.5	Edge_1RB_Left	17.40	/	/	19.15	/	/	<=38.45	Pass
		Edge_1RB_Right	17.65	/	/	19.40	/	/	<=38.45	Pass
		Outer_Full	17.54	/	/	19.29	/	/	<=38.45	Pass
		Inner_Full	17.50	/	/	19.25	/	/	<=38.45	Pass
		Inner_1RB_Left	17.42	/	/	19.17	/	/	<=38.45	Pass
		Inner_1RB_Right	17.68	/	/	19.43	/	/	<=38.45	Pass
	839	Edge_1RB_Left	17.43	/	/	19.18	/	/	<=38.45	Pass
		Edge_1RB_Right	17.74	/	/	19.49	/	/	<=38.45	Pass
		Outer_Full	17.47	/	/	19.22	/	/	<=38.45	Pass
		Inner_Full	17.53	/	/	19.28	/	/	<=38.45	Pass
		Inner_1RB_Left	17.47	/	/	19.22	/	/	<=38.45	Pass
	Inner_1RB_Right	17.78	/	/	19.53	/	/	<=38.45	Pass	
	Note1: Antenna Gain: Ant1: 3.90dBi; Note2: EIRP=Conducted Power+Antenna Gain									



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3. n7 Effective (Isotropic) Radiated Power Output Data

3.1 15k_SISO_5MHz_NTNV_EIRP

3.1.1 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	23.29	/	/	28.09	/	/	<=33	Pass
		Edge_1RB_Right	23.36	/	/	28.16	/	/	<=33	Pass
		Outer_Full	23.38	/	/	28.18	/	/	<=33	Pass
		Inner_Full	23.84	/	/	28.64	/	/	<=33	Pass
		Inner_1RB_Left	23.85	/	/	28.65	/	/	<=33	Pass
		Inner_1RB_Right	23.89	/	/	28.69	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.21	/	/	28.01	/	/	<=33	Pass
		Edge_1RB_Right	23.19	/	/	27.99	/	/	<=33	Pass
		Outer_Full	23.20	/	/	28.00	/	/	<=33	Pass
		Inner_Full	23.71	/	/	28.51	/	/	<=33	Pass
		Inner_1RB_Left	23.70	/	/	28.50	/	/	<=33	Pass
		Inner_1RB_Right	23.66	/	/	28.46	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	23.09	/	/	27.89	/	/	<=33	Pass
		Edge_1RB_Right	23.12	/	/	27.92	/	/	<=33	Pass
		Outer_Full	23.09	/	/	27.89	/	/	<=33	Pass
		Inner_Full	23.60	/	/	28.40	/	/	<=33	Pass
		Inner_1RB_Left	23.54	/	/	28.34	/	/	<=33	Pass
		Inner_1RB_Right	23.59	/	/	28.39	/	/	<=33	Pass
DFT-s-OFDM QPSK	2502.5	Edge_1RB_Left	22.90	/	/	27.70	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	27.70	/	/	<=33	Pass
		Outer_Full	22.84	/	/	27.64	/	/	<=33	Pass
		Inner_Full	23.86	/	/	28.66	/	/	<=33	Pass
		Inner_1RB_Left	23.80	/	/	28.60	/	/	<=33	Pass
		Inner_1RB_Right	23.90	/	/	28.70	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.66	/	/	27.46	/	/	<=33	Pass
		Edge_1RB_Right	22.68	/	/	27.48	/	/	<=33	Pass
		Outer_Full	22.71	/	/	27.51	/	/	<=33	Pass
		Inner_Full	23.75	/	/	28.55	/	/	<=33	Pass
		Inner_1RB_Left	23.69	/	/	28.49	/	/	<=33	Pass
		Inner_1RB_Right	23.72	/	/	28.52	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	22.54	/	/	27.34	/	/	<=33	Pass
		Edge_1RB_Right	22.62	/	/	27.42	/	/	<=33	Pass
		Outer_Full	22.60	/	/	27.40	/	/	<=33	Pass
		Inner_Full	23.63	/	/	28.43	/	/	<=33	Pass
		Inner_1RB_Left	23.52	/	/	28.32	/	/	<=33	Pass
		Inner_1RB_Right	23.56	/	/	28.36	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2502.5	Edge_1RB_Left	21.87	/	/	26.67	/	/	<=33	Pass
		Edge_1RB_Right	21.90	/	/	26.70	/	/	<=33	Pass
		Outer_Full	21.84	/	/	26.64	/	/	<=33	Pass
		Inner_Full	22.93	/	/	27.73	/	/	<=33	Pass
		Inner_1RB_Left	22.87	/	/	27.67	/	/	<=33	Pass
		Inner_1RB_Right	22.90	/	/	27.70	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.75	/	/	26.55	/	/	<=33	Pass
		Edge_1RB_Right	21.73	/	/	26.53	/	/	<=33	Pass
		Outer_Full	21.68	/	/	26.48	/	/	<=33	Pass

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		Inner_Full	22.79	/	/	27.59	/	/	<=33	Pass	
		Inner_1RB_Left	22.77	/	/	27.57	/	/	<=33	Pass	
		Inner_1RB_Right	22.72	/	/	27.52	/	/	<=33	Pass	
		2567.5	Edge_1RB_Left	21.69	/	/	26.49	/	/	<=33	Pass
			Edge_1RB_Right	21.69	/	/	26.49	/	/	<=33	Pass
			Outer_Full	21.59	/	/	26.39	/	/	<=33	Pass
			Inner_Full	22.65	/	/	27.45	/	/	<=33	Pass
			Inner_1RB_Left	22.61	/	/	27.41	/	/	<=33	Pass
			Inner_1RB_Right	22.65	/	/	27.45	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2502.5	Edge_1RB_Left	21.22	/	/	26.02	/	/	<=33	Pass	
		Edge_1RB_Right	21.21	/	/	26.01	/	/	<=33	Pass	
		Outer_Full	21.38	/	/	26.18	/	/	<=33	Pass	
		Inner_Full	21.24	/	/	26.04	/	/	<=33	Pass	
		Inner_1RB_Left	21.13	/	/	25.93	/	/	<=33	Pass	
		Inner_1RB_Right	21.22	/	/	26.02	/	/	<=33	Pass	
	2535	Edge_1RB_Left	21.07	/	/	25.87	/	/	<=33	Pass	
		Edge_1RB_Right	21.04	/	/	25.84	/	/	<=33	Pass	
		Outer_Full	21.21	/	/	26.01	/	/	<=33	Pass	
		Inner_Full	21.09	/	/	25.89	/	/	<=33	Pass	
		Inner_1RB_Left	21.01	/	/	25.81	/	/	<=33	Pass	
		Inner_1RB_Right	21.02	/	/	25.82	/	/	<=33	Pass	
	2567.5	Edge_1RB_Left	21.00	/	/	25.80	/	/	<=33	Pass	
		Edge_1RB_Right	20.96	/	/	25.76	/	/	<=33	Pass	
		Outer_Full	21.13	/	/	25.93	/	/	<=33	Pass	
		Inner_Full	21.04	/	/	25.84	/	/	<=33	Pass	
		Inner_1RB_Left	20.89	/	/	25.69	/	/	<=33	Pass	
		Inner_1RB_Right	20.89	/	/	25.69	/	/	<=33	Pass	
	DFT-s-OFDM 256 QAM	2502.5	Edge_1RB_Left	19.29	/	/	24.09	/	/	<=33	Pass
			Edge_1RB_Right	19.51	/	/	24.31	/	/	<=33	Pass
			Outer_Full	19.35	/	/	24.15	/	/	<=33	Pass
			Inner_Full	19.27	/	/	24.07	/	/	<=33	Pass
			Inner_1RB_Left	19.49	/	/	24.29	/	/	<=33	Pass
			Inner_1RB_Right	19.49	/	/	24.29	/	/	<=33	Pass
2535		Edge_1RB_Left	19.35	/	/	24.15	/	/	<=33	Pass	
		Edge_1RB_Right	19.32	/	/	24.12	/	/	<=33	Pass	
		Outer_Full	19.19	/	/	23.99	/	/	<=33	Pass	
		Inner_Full	19.11	/	/	23.91	/	/	<=33	Pass	
		Inner_1RB_Left	19.35	/	/	24.15	/	/	<=33	Pass	
		Inner_1RB_Right	19.12	/	/	23.92	/	/	<=33	Pass	
2567.5		Edge_1RB_Left	19.23	/	/	24.03	/	/	<=33	Pass	
		Edge_1RB_Right	19.05	/	/	23.85	/	/	<=33	Pass	
		Outer_Full	19.10	/	/	23.90	/	/	<=33	Pass	
		Inner_Full	19.02	/	/	23.82	/	/	<=33	Pass	
		Inner_1RB_Left	19.17	/	/	23.97	/	/	<=33	Pass	
		Inner_1RB_Right	19.07	/	/	23.87	/	/	<=33	Pass	
CP-OFDM QPSK	2502.5	Edge_1RB_Left	20.82	/	/	25.62	/	/	<=33	Pass	
		Edge_1RB_Right	20.79	/	/	25.59	/	/	<=33	Pass	
		Outer_Full	20.86	/	/	25.66	/	/	<=33	Pass	
		Inner_Full	22.43	/	/	27.23	/	/	<=33	Pass	
		Inner_1RB_Left	22.27	/	/	27.07	/	/	<=33	Pass	
		Inner_1RB_Right	22.34	/	/	27.14	/	/	<=33	Pass	
	2535	Edge_1RB_Left	20.84	/	/	25.64	/	/	<=33	Pass	
		Outer_Full	20.66	/	/	25.46	/	/	<=33	Pass	



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		Inner_Full	22.20	/	/	27.00	/	/	<=33	Pass	
		Inner_1RB_Left	22.21	/	/	27.01	/	/	<=33	Pass	
		Inner_1RB_Right	22.23	/	/	27.03	/	/	<=33	Pass	
	2567.5	Edge_1RB_Left	20.57	/	/	25.37	/	/	<=33	Pass	
		Edge_1RB_Right	20.75	/	/	25.55	/	/	<=33	Pass	
		Outer_Full	20.59	/	/	25.39	/	/	<=33	Pass	
		Inner_Full	22.09	/	/	26.89	/	/	<=33	Pass	
		Inner_1RB_Left	22.07	/	/	26.87	/	/	<=33	Pass	
		Inner_1RB_Right	22.23	/	/	27.03	/	/	<=33	Pass	
CP-OFDM 16 QAM	2502.5	Edge_1RB_Left	20.99	/	/	25.79	/	/	<=33	Pass	
		Edge_1RB_Right	21.01	/	/	25.81	/	/	<=33	Pass	
		Outer_Full	20.78	/	/	25.58	/	/	<=33	Pass	
		Inner_Full	21.73	/	/	26.53	/	/	<=33	Pass	
		Inner_1RB_Left	21.93	/	/	26.73	/	/	<=33	Pass	
		Inner_1RB_Right	21.99	/	/	26.79	/	/	<=33	Pass	
	2535	Edge_1RB_Left	20.71	/	/	25.51	/	/	<=33	Pass	
		Edge_1RB_Right	20.71	/	/	25.51	/	/	<=33	Pass	
		Outer_Full	20.63	/	/	25.43	/	/	<=33	Pass	
		Inner_Full	21.50	/	/	26.30	/	/	<=33	Pass	
		Inner_1RB_Left	21.79	/	/	26.59	/	/	<=33	Pass	
		Inner_1RB_Right	21.79	/	/	26.59	/	/	<=33	Pass	
	2567.5	Edge_1RB_Left	20.68	/	/	25.48	/	/	<=33	Pass	
		Edge_1RB_Right	20.65	/	/	25.45	/	/	<=33	Pass	
		Outer_Full	20.51	/	/	25.31	/	/	<=33	Pass	
		Inner_Full	21.44	/	/	26.24	/	/	<=33	Pass	
		Inner_1RB_Left	21.65	/	/	26.45	/	/	<=33	Pass	
		Inner_1RB_Right	21.71	/	/	26.51	/	/	<=33	Pass	
	CP-OFDM 64 QAM	2502.5	Edge_1RB_Left	20.32	/	/	25.12	/	/	<=33	Pass
			Edge_1RB_Right	20.38	/	/	25.18	/	/	<=33	Pass
			Outer_Full	20.39	/	/	25.19	/	/	<=33	Pass
			Inner_Full	20.25	/	/	25.05	/	/	<=33	Pass
			Inner_1RB_Left	20.36	/	/	25.16	/	/	<=33	Pass
			Inner_1RB_Right	20.35	/	/	25.15	/	/	<=33	Pass
2535		Edge_1RB_Left	20.35	/	/	25.15	/	/	<=33	Pass	
		Edge_1RB_Right	20.20	/	/	25.00	/	/	<=33	Pass	
		Outer_Full	20.16	/	/	24.96	/	/	<=33	Pass	
		Inner_Full	20.06	/	/	24.86	/	/	<=33	Pass	
		Inner_1RB_Left	20.32	/	/	25.12	/	/	<=33	Pass	
		Inner_1RB_Right	20.20	/	/	25.00	/	/	<=33	Pass	
2567.5		Edge_1RB_Left	20.08	/	/	24.88	/	/	<=33	Pass	
		Edge_1RB_Right	20.18	/	/	24.98	/	/	<=33	Pass	
		Outer_Full	20.11	/	/	24.91	/	/	<=33	Pass	
		Inner_Full	20.00	/	/	24.80	/	/	<=33	Pass	
		Inner_1RB_Left	20.10	/	/	24.90	/	/	<=33	Pass	
		Inner_1RB_Right	20.14	/	/	24.94	/	/	<=33	Pass	
CP-OFDM 256 QAM	2502.5	Edge_1RB_Left	17.44	/	/	22.24	/	/	<=33	Pass	
		Edge_1RB_Right	17.50	/	/	22.30	/	/	<=33	Pass	
		Outer_Full	17.34	/	/	22.14	/	/	<=33	Pass	
		Inner_Full	17.32	/	/	22.12	/	/	<=33	Pass	
		Inner_1RB_Left	17.39	/	/	22.19	/	/	<=33	Pass	
		Inner_1RB_Right	17.43	/	/	22.23	/	/	<=33	Pass	
	2535	Edge_1RB_Left	17.32	/	/	22.12	/	/	<=33	Pass	
		Edge_1RB_Right	17.25	/	/	22.05	/	/	<=33	Pass	



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		Inner_Full	17.12	/	/	21.92	/	/	<=33	Pass
		Inner_1RB_Left	17.44	/	/	22.24	/	/	<=33	Pass
		Inner_1RB_Right	17.41	/	/	22.21	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	17.12	/	/	21.92	/	/	<=33	Pass
		Edge_1RB_Right	17.24	/	/	22.04	/	/	<=33	Pass
		Outer_Full	17.08	/	/	21.88	/	/	<=33	Pass
		Inner_Full	17.10	/	/	21.90	/	/	<=33	Pass
		Inner_1RB_Left	17.21	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Right	17.27	/	/	22.07	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 4.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

3.2 15k SISO 10MHz NTNv EIRP

3.2.1 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	23.15	/	/	27.95	/	/	<=33	Pass
		Edge 1RB Right	23.28	/	/	28.08	/	/	<=33	Pass
		Outer Full	23.13	/	/	27.93	/	/	<=33	Pass
		Inner Full	23.76	/	/	28.56	/	/	<=33	Pass
		Inner 1RB Left	23.66	/	/	28.46	/	/	<=33	Pass
		Inner 1RB Right	23.78	/	/	28.58	/	/	<=33	Pass
	2535	Edge 1RB Left	23.18	/	/	27.98	/	/	<=33	Pass
		Edge 1RB Right	23.16	/	/	27.96	/	/	<=33	Pass
		Outer Full	23.10	/	/	27.90	/	/	<=33	Pass
		Inner Full	23.68	/	/	28.48	/	/	<=33	Pass
		Inner 1RB Left	23.63	/	/	28.43	/	/	<=33	Pass
		Inner 1RB Right	23.62	/	/	28.42	/	/	<=33	Pass
	2565	Edge 1RB Left	22.95	/	/	27.75	/	/	<=33	Pass
		Edge 1RB Right	23.12	/	/	27.92	/	/	<=33	Pass
		Outer Full	23.05	/	/	27.85	/	/	<=33	Pass
		Inner Full	23.52	/	/	28.32	/	/	<=33	Pass
		Inner 1RB Left	23.47	/	/	28.27	/	/	<=33	Pass
		Inner 1RB Right	23.56	/	/	28.36	/	/	<=33	Pass
DFT-s-OFDM QPSK	2505	Edge 1RB Left	22.57	/	/	27.37	/	/	<=33	Pass
		Edge 1RB Right	22.78	/	/	27.58	/	/	<=33	Pass
		Outer Full	22.69	/	/	27.49	/	/	<=33	Pass
		Inner Full	23.75	/	/	28.55	/	/	<=33	Pass
		Inner 1RB Left	23.58	/	/	28.38	/	/	<=33	Pass
		Inner 1RB Right	23.78	/	/	28.58	/	/	<=33	Pass
	2535	Edge 1RB Left	22.65	/	/	27.45	/	/	<=33	Pass
		Edge 1RB Right	22.67	/	/	27.47	/	/	<=33	Pass
		Outer Full	22.59	/	/	27.39	/	/	<=33	Pass
		Inner Full	23.68	/	/	28.48	/	/	<=33	Pass
		Inner 1RB Left	23.64	/	/	28.44	/	/	<=33	Pass
		Inner 1RB Right	23.56	/	/	28.36	/	/	<=33	Pass
	2565	Edge 1RB Left	22.37	/	/	27.17	/	/	<=33	Pass
		Edge 1RB Right	22.62	/	/	27.42	/	/	<=33	Pass
		Outer Full	22.55	/	/	27.35	/	/	<=33	Pass



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		Inner_Full	23.52	/	/	28.32	/	/	<=33	Pass
		Inner_1RB_Left	23.46	/	/	28.26	/	/	<=33	Pass
		Inner_1RB_Right	23.61	/	/	28.41	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2505	Edge_1RB_Left	21.73	/	/	26.53	/	/	<=33	Pass
		Edge_1RB_Right	21.91	/	/	26.71	/	/	<=33	Pass
		Outer_Full	21.67	/	/	26.47	/	/	<=33	Pass
		Inner_Full	22.70	/	/	27.50	/	/	<=33	Pass
		Inner_1RB_Left	22.68	/	/	27.48	/	/	<=33	Pass
		Inner_1RB_Right	22.81	/	/	27.61	/	/	<=33	Pass
		Edge_1RB_Left	21.73	/	/	26.53	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	26.57	/	/	<=33	Pass
	2535	Outer_Full	21.67	/	/	26.47	/	/	<=33	Pass
		Inner_Full	22.67	/	/	27.47	/	/	<=33	Pass
		Inner_1RB_Left	22.75	/	/	27.55	/	/	<=33	Pass
		Inner_1RB_Right	22.73	/	/	27.53	/	/	<=33	Pass
		Edge_1RB_Left	21.54	/	/	26.34	/	/	<=33	Pass
		Edge_1RB_Right	21.71	/	/	26.51	/	/	<=33	Pass
	2565	Outer_Full	21.48	/	/	26.28	/	/	<=33	Pass
		Inner_Full	22.50	/	/	27.30	/	/	<=33	Pass
		Inner_1RB_Left	22.49	/	/	27.29	/	/	<=33	Pass
		Inner_1RB_Right	22.66	/	/	27.46	/	/	<=33	Pass
Edge_1RB_Left		21.02	/	/	25.82	/	/	<=33	Pass	
Edge_1RB_Right		21.17	/	/	25.97	/	/	<=33	Pass	
DFT-s-OFDM 64 QAM	2505	Outer_Full	21.13	/	/	25.93	/	/	<=33	Pass
		Inner_Full	21.26	/	/	26.06	/	/	<=33	Pass
		Inner_1RB_Left	20.95	/	/	25.75	/	/	<=33	Pass
		Inner_1RB_Right	21.07	/	/	25.87	/	/	<=33	Pass
		Edge_1RB_Left	21.07	/	/	25.87	/	/	<=33	Pass
		Edge_1RB_Right	21.05	/	/	25.85	/	/	<=33	Pass
	2535	Outer_Full	21.08	/	/	25.88	/	/	<=33	Pass
		Inner_Full	21.24	/	/	26.04	/	/	<=33	Pass
		Inner_1RB_Left	21.07	/	/	25.87	/	/	<=33	Pass
		Inner_1RB_Right	20.96	/	/	25.76	/	/	<=33	Pass
		Edge_1RB_Left	20.85	/	/	25.65	/	/	<=33	Pass
		Edge_1RB_Right	21.04	/	/	25.84	/	/	<=33	Pass
	2565	Outer_Full	20.94	/	/	25.74	/	/	<=33	Pass
		Inner_Full	21.09	/	/	25.89	/	/	<=33	Pass
		Inner_1RB_Left	20.75	/	/	25.55	/	/	<=33	Pass
		Inner_1RB_Right	20.97	/	/	25.77	/	/	<=33	Pass
		Edge_1RB_Left	19.28	/	/	24.08	/	/	<=33	Pass
		Edge_1RB_Right	19.19	/	/	23.99	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2505	Outer_Full	19.08	/	/	23.88	/	/	<=33	Pass
		Inner_Full	19.15	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	19.13	/	/	23.93	/	/	<=33	Pass
		Inner_1RB_Right	19.41	/	/	24.21	/	/	<=33	Pass
		Edge_1RB_Left	19.39	/	/	24.19	/	/	<=33	Pass
		Edge_1RB_Right	19.42	/	/	24.22	/	/	<=33	Pass
	2535	Outer_Full	19.05	/	/	23.85	/	/	<=33	Pass
		Inner_Full	19.15	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	19.48	/	/	24.28	/	/	<=33	Pass
		Inner_1RB_Right	19.35	/	/	24.15	/	/	<=33	Pass
		Edge_1RB_Left	19.18	/	/	23.98	/	/	<=33	Pass
		Edge_1RB_Right	19.32	/	/	24.12	/	/	<=33	Pass
2565	Outer_Full	18.96	/	/	23.76	/	/	<=33	Pass	



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CP-OFDM QPSK		Inner_Full	19.01	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Left	19.16	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Right	19.10	/	/	23.90	/	/	<=33	Pass
	2505	Edge_1RB_Left	20.70	/	/	25.50	/	/	<=33	Pass
		Edge_1RB_Right	20.61	/	/	25.41	/	/	<=33	Pass
		Outer_Full	20.69	/	/	25.49	/	/	<=33	Pass
		Inner_Full	22.21	/	/	27.01	/	/	<=33	Pass
		Inner_1RB_Left	22.16	/	/	26.96	/	/	<=33	Pass
		Inner_1RB_Right	22.23	/	/	27.03	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.66	/	/	25.46	/	/	<=33	Pass
		Edge_1RB_Right	20.59	/	/	25.39	/	/	<=33	Pass
		Outer_Full	20.57	/	/	25.37	/	/	<=33	Pass
		Inner_Full	22.18	/	/	26.98	/	/	<=33	Pass
		Inner_1RB_Left	22.17	/	/	26.97	/	/	<=33	Pass
		Inner_1RB_Right	22.06	/	/	26.86	/	/	<=33	Pass
	2565	Edge_1RB_Left	20.45	/	/	25.25	/	/	<=33	Pass
		Edge_1RB_Right	20.57	/	/	25.37	/	/	<=33	Pass
		Outer_Full	20.49	/	/	25.29	/	/	<=33	Pass
		Inner_Full	22.07	/	/	26.87	/	/	<=33	Pass
		Inner_1RB_Left	22.03	/	/	26.83	/	/	<=33	Pass
		Inner_1RB_Right	22.17	/	/	26.97	/	/	<=33	Pass
CP-OFDM 16 QAM	2505	Edge_1RB_Left	20.58	/	/	25.38	/	/	<=33	Pass
		Edge_1RB_Right	20.95	/	/	25.75	/	/	<=33	Pass
		Outer_Full	20.69	/	/	25.49	/	/	<=33	Pass
		Inner_Full	21.73	/	/	26.53	/	/	<=33	Pass
		Inner_1RB_Left	21.74	/	/	26.54	/	/	<=33	Pass
		Inner_1RB_Right	21.83	/	/	26.63	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.80	/	/	25.60	/	/	<=33	Pass
		Edge_1RB_Right	20.82	/	/	25.62	/	/	<=33	Pass
		Outer_Full	20.64	/	/	25.44	/	/	<=33	Pass
		Inner_Full	21.65	/	/	26.45	/	/	<=33	Pass
		Inner_1RB_Left	21.83	/	/	26.63	/	/	<=33	Pass
		Inner_1RB_Right	21.78	/	/	26.58	/	/	<=33	Pass
	2565	Edge_1RB_Left	20.61	/	/	25.41	/	/	<=33	Pass
		Edge_1RB_Right	20.81	/	/	25.61	/	/	<=33	Pass
		Outer_Full	20.46	/	/	25.26	/	/	<=33	Pass
		Inner_Full	21.49	/	/	26.29	/	/	<=33	Pass
		Inner_1RB_Left	21.61	/	/	26.41	/	/	<=33	Pass
		Inner_1RB_Right	21.69	/	/	26.49	/	/	<=33	Pass
CP-OFDM 64 QAM	2505	Edge_1RB_Left	20.21	/	/	25.01	/	/	<=33	Pass
		Edge_1RB_Right	20.27	/	/	25.07	/	/	<=33	Pass
		Outer_Full	20.17	/	/	24.97	/	/	<=33	Pass
		Inner_Full	20.28	/	/	25.08	/	/	<=33	Pass
		Inner_1RB_Left	20.21	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Right	20.47	/	/	25.27	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.29	/	/	25.09	/	/	<=33	Pass
		Edge_1RB_Right	20.28	/	/	25.08	/	/	<=33	Pass
		Outer_Full	20.10	/	/	24.90	/	/	<=33	Pass
		Inner_Full	20.27	/	/	25.07	/	/	<=33	Pass
		Inner_1RB_Left	20.28	/	/	25.08	/	/	<=33	Pass
		Inner_1RB_Right	20.31	/	/	25.11	/	/	<=33	Pass
	2565	Edge_1RB_Left	20.11	/	/	24.91	/	/	<=33	Pass
		Edge_1RB_Right	20.22	/	/	25.02	/	/	<=33	Pass
		Outer_Full	19.98	/	/	24.78	/	/	<=33	Pass



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		Inner_Full	20.08	/	/	24.88	/	/	<=33	Pass
		Inner_1RB_Left	20.05	/	/	24.85	/	/	<=33	Pass
		Inner_1RB_Right	20.16	/	/	24.96	/	/	<=33	Pass
CP-OFDM 256 QAM	2505	Edge_1RB_Left	17.29	/	/	22.09	/	/	<=33	Pass
		Edge_1RB_Right	17.25	/	/	22.05	/	/	<=33	Pass
		Outer_Full	17.18	/	/	21.98	/	/	<=33	Pass
		Inner_Full	17.19	/	/	21.99	/	/	<=33	Pass
		Inner_1RB_Left	17.20	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	17.46	/	/	22.26	/	/	<=33	Pass
		Edge_1RB_Left	17.21	/	/	22.01	/	/	<=33	Pass
		Edge_1RB_Right	17.21	/	/	22.01	/	/	<=33	Pass
	2535	Outer_Full	17.11	/	/	21.91	/	/	<=33	Pass
		Inner_Full	17.16	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Left	17.29	/	/	22.09	/	/	<=33	Pass
		Inner_1RB_Right	17.31	/	/	22.11	/	/	<=33	Pass
		Edge_1RB_Left	16.96	/	/	21.76	/	/	<=33	Pass
		Edge_1RB_Right	17.20	/	/	22.00	/	/	<=33	Pass
	2565	Outer_Full	17.01	/	/	21.81	/	/	<=33	Pass
		Inner_Full	16.97	/	/	21.77	/	/	<=33	Pass
		Inner_1RB_Left	17.02	/	/	21.82	/	/	<=33	Pass
		Inner_1RB_Right	17.19	/	/	21.99	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 4.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

3.3 15k_SISO_15MHz_NTNV_EIRP

3.3.1 Test Result

5G NR n7 SCS=15kHz SISO 15MHz NTVN										
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	23.05	/	/	27.85	/	/	<=33	Pass
		Edge_1RB_Right	23.26	/	/	28.06	/	/	<=33	Pass
		Outer_Full	23.31	/	/	28.11	/	/	<=33	Pass
		Inner_Full	23.77	/	/	28.57	/	/	<=33	Pass
		Inner_1RB_Left	23.61	/	/	28.41	/	/	<=33	Pass
		Inner_1RB_Right	23.78	/	/	28.58	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.05	/	/	27.85	/	/	<=33	Pass
		Edge_1RB_Right	23.07	/	/	27.87	/	/	<=33	Pass
		Outer_Full	23.13	/	/	27.93	/	/	<=33	Pass
		Inner_Full	23.70	/	/	28.50	/	/	<=33	Pass
		Inner_1RB_Left	23.56	/	/	28.36	/	/	<=33	Pass
		Inner_1RB_Right	23.56	/	/	28.36	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	23.02	/	/	27.82	/	/	<=33	Pass
		Edge_1RB_Right	23.28	/	/	28.08	/	/	<=33	Pass
		Outer_Full	23.18	/	/	27.98	/	/	<=33	Pass
		Inner_Full	23.72	/	/	28.52	/	/	<=33	Pass
		Inner_1RB_Left	23.54	/	/	28.34	/	/	<=33	Pass
		Inner_1RB_Right	23.68	/	/	28.48	/	/	<=33	Pass
DFT-s-OFDM QPSK	2507.5	Edge_1RB_Left	22.51	/	/	27.31	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	27.55	/	/	<=33	Pass
		Outer_Full	22.77	/	/	27.57	/	/	<=33	Pass



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	2535	Inner_Full	23.79	/	/	28.59	/	/	<=33	Pass
		Inner_1RB_Left	23.61	/	/	28.41	/	/	<=33	Pass
		Inner_1RB_Right	23.76	/	/	28.56	/	/	<=33	Pass
		Edge_1RB_Left	22.53	/	/	27.33	/	/	<=33	Pass
		Edge_1RB_Right	22.55	/	/	27.35	/	/	<=33	Pass
		Outer_Full	22.68	/	/	27.48	/	/	<=33	Pass
		Inner_Full	23.66	/	/	28.46	/	/	<=33	Pass
		Inner_1RB_Left	23.55	/	/	28.35	/	/	<=33	Pass
		Inner_1RB_Right	23.62	/	/	28.42	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.44	/	/	27.24	/	/	<=33	Pass
		Edge_1RB_Right	22.61	/	/	27.41	/	/	<=33	Pass
		Outer_Full	22.71	/	/	27.51	/	/	<=33	Pass
		Inner_Full	23.73	/	/	28.53	/	/	<=33	Pass
		Inner_1RB_Left	23.56	/	/	28.36	/	/	<=33	Pass
		Inner_1RB_Right	23.71	/	/	28.51	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2507.5	Edge_1RB_Left	21.66	/	/	26.46	/	/	<=33	Pass
		Edge_1RB_Right	21.85	/	/	26.65	/	/	<=33	Pass
		Outer_Full	21.78	/	/	26.58	/	/	<=33	Pass
		Inner_Full	22.86	/	/	27.66	/	/	<=33	Pass
		Inner_1RB_Left	22.68	/	/	27.48	/	/	<=33	Pass
		Inner_1RB_Right	22.81	/	/	27.61	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.59	/	/	26.39	/	/	<=33	Pass
		Edge_1RB_Right	21.61	/	/	26.41	/	/	<=33	Pass
		Outer_Full	21.65	/	/	26.45	/	/	<=33	Pass
		Inner_Full	22.74	/	/	27.54	/	/	<=33	Pass
		Inner_1RB_Left	22.62	/	/	27.42	/	/	<=33	Pass
		Inner_1RB_Right	22.63	/	/	27.43	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	21.58	/	/	26.38	/	/	<=33	Pass
		Edge_1RB_Right	21.81	/	/	26.61	/	/	<=33	Pass
		Outer_Full	21.70	/	/	26.50	/	/	<=33	Pass
		Inner_Full	22.74	/	/	27.54	/	/	<=33	Pass
		Inner_1RB_Left	22.58	/	/	27.38	/	/	<=33	Pass
		Inner_1RB_Right	22.78	/	/	27.58	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2507.5	Edge_1RB_Left	20.96	/	/	25.76	/	/	<=33	Pass
		Edge_1RB_Right	21.09	/	/	25.89	/	/	<=33	Pass
		Outer_Full	21.24	/	/	26.04	/	/	<=33	Pass
		Inner_Full	21.23	/	/	26.03	/	/	<=33	Pass
		Inner_1RB_Left	20.96	/	/	25.76	/	/	<=33	Pass
		Inner_1RB_Right	21.09	/	/	25.89	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.88	/	/	25.68	/	/	<=33	Pass
		Edge_1RB_Right	21.09	/	/	25.89	/	/	<=33	Pass
		Outer_Full	21.14	/	/	25.94	/	/	<=33	Pass
		Inner_Full	21.14	/	/	25.94	/	/	<=33	Pass
		Inner_1RB_Left	20.86	/	/	25.66	/	/	<=33	Pass
		Inner_1RB_Right	20.90	/	/	25.70	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	21.03	/	/	25.83	/	/	<=33	Pass
		Edge_1RB_Right	21.09	/	/	25.89	/	/	<=33	Pass
		Outer_Full	21.19	/	/	25.99	/	/	<=33	Pass
Inner_Full		21.11	/	/	25.91	/	/	<=33	Pass	
Inner_1RB_Left		21.06	/	/	25.86	/	/	<=33	Pass	
Inner_1RB_Right		20.99	/	/	25.79	/	/	<=33	Pass	
DFT-s-OFDM 256 QAM	2507.5	Edge_1RB_Left	19.16	/	/	23.96	/	/	<=33	Pass
		Edge_1RB_Right	19.42	/	/	24.22	/	/	<=33	Pass
		Outer_Full	19.29	/	/	24.09	/	/	<=33	Pass



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	2535	Inner_Full	19.23	/	/	24.03	/	/	<=33	Pass	
		Inner_1RB_Left	19.32	/	/	24.12	/	/	<=33	Pass	
		Inner_1RB_Right	19.43	/	/	24.23	/	/	<=33	Pass	
		Edge_1RB_Left	19.15	/	/	23.95	/	/	<=33	Pass	
		Edge_1RB_Right	19.10	/	/	23.90	/	/	<=33	Pass	
		Outer_Full	19.18	/	/	23.98	/	/	<=33	Pass	
		Inner_Full	19.09	/	/	23.89	/	/	<=33	Pass	
		Inner_1RB_Left	19.18	/	/	23.98	/	/	<=33	Pass	
		Inner_1RB_Right	19.01	/	/	23.81	/	/	<=33	Pass	
	2562.5	Edge_1RB_Left	19.19	/	/	23.99	/	/	<=33	Pass	
		Edge_1RB_Right	19.32	/	/	24.12	/	/	<=33	Pass	
		Outer_Full	19.21	/	/	24.01	/	/	<=33	Pass	
		Inner_Full	19.13	/	/	23.93	/	/	<=33	Pass	
		Inner_1RB_Left	19.18	/	/	23.98	/	/	<=33	Pass	
		Inner_1RB_Right	19.33	/	/	24.13	/	/	<=33	Pass	
CP-OFDM QPSK	2507.5	Edge_1RB_Left	20.57	/	/	25.37	/	/	<=33	Pass	
		Edge_1RB_Right	20.63	/	/	25.43	/	/	<=33	Pass	
		Outer_Full	20.75	/	/	25.55	/	/	<=33	Pass	
		Inner_Full	22.31	/	/	27.11	/	/	<=33	Pass	
		Inner_1RB_Left	22.17	/	/	26.97	/	/	<=33	Pass	
		Inner_1RB_Right	22.23	/	/	27.03	/	/	<=33	Pass	
	2535	Edge_1RB_Left	20.57	/	/	25.37	/	/	<=33	Pass	
		Edge_1RB_Right	20.41	/	/	25.21	/	/	<=33	Pass	
		Outer_Full	20.65	/	/	25.45	/	/	<=33	Pass	
		Inner_Full	22.17	/	/	26.97	/	/	<=33	Pass	
		Inner_1RB_Left	21.98	/	/	26.78	/	/	<=33	Pass	
		Inner_1RB_Right	21.95	/	/	26.75	/	/	<=33	Pass	
	2562.5	Edge_1RB_Left	20.52	/	/	25.32	/	/	<=33	Pass	
		Edge_1RB_Right	20.65	/	/	25.45	/	/	<=33	Pass	
		Outer_Full	20.71	/	/	25.51	/	/	<=33	Pass	
		Inner_Full	22.21	/	/	27.01	/	/	<=33	Pass	
		Inner_1RB_Left	21.97	/	/	26.77	/	/	<=33	Pass	
		Inner_1RB_Right	22.16	/	/	26.96	/	/	<=33	Pass	
	CP-OFDM 16 QAM	2507.5	Edge_1RB_Left	20.73	/	/	25.53	/	/	<=33	Pass
			Edge_1RB_Right	20.87	/	/	25.67	/	/	<=33	Pass
			Outer_Full	20.75	/	/	25.55	/	/	<=33	Pass
			Inner_Full	21.79	/	/	26.59	/	/	<=33	Pass
			Inner_1RB_Left	21.75	/	/	26.55	/	/	<=33	Pass
			Inner_1RB_Right	21.90	/	/	26.70	/	/	<=33	Pass
2535		Edge_1RB_Left	20.76	/	/	25.56	/	/	<=33	Pass	
		Edge_1RB_Right	20.68	/	/	25.48	/	/	<=33	Pass	
		Outer_Full	20.67	/	/	25.47	/	/	<=33	Pass	
		Inner_Full	21.68	/	/	26.48	/	/	<=33	Pass	
		Inner_1RB_Left	21.71	/	/	26.51	/	/	<=33	Pass	
		Inner_1RB_Right	21.72	/	/	26.52	/	/	<=33	Pass	
2562.5		Edge_1RB_Left	20.61	/	/	25.41	/	/	<=33	Pass	
		Edge_1RB_Right	20.86	/	/	25.66	/	/	<=33	Pass	
		Outer_Full	20.68	/	/	25.48	/	/	<=33	Pass	
		Inner_Full	21.71	/	/	26.51	/	/	<=33	Pass	
		Inner_1RB_Left	21.71	/	/	26.51	/	/	<=33	Pass	
		Inner_1RB_Right	21.82	/	/	26.62	/	/	<=33	Pass	
CP-OFDM 64 QAM	2507.5	Edge_1RB_Left	20.10	/	/	24.90	/	/	<=33	Pass	
		Edge_1RB_Right	20.28	/	/	25.08	/	/	<=33	Pass	
		Outer_Full	20.33	/	/	25.13	/	/	<=33	Pass	



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CP-OFDM 256 QAM		Inner_Full	20.30	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Left	20.13	/	/	24.93	/	/	<=33	Pass
		Inner_1RB_Right	20.32	/	/	25.12	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.12	/	/	24.92	/	/	<=33	Pass
		Edge_1RB_Right	20.05	/	/	24.85	/	/	<=33	Pass
		Outer_Full	20.17	/	/	24.97	/	/	<=33	Pass
		Inner_Full	20.22	/	/	25.02	/	/	<=33	Pass
		Inner_1RB_Left	20.14	/	/	24.94	/	/	<=33	Pass
		Inner_1RB_Right	20.07	/	/	24.87	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	20.21	/	/	25.01	/	/	<=33	Pass
		Edge_1RB_Right	20.19	/	/	24.99	/	/	<=33	Pass
		Outer_Full	20.23	/	/	25.03	/	/	<=33	Pass
		Inner_Full	20.16	/	/	24.96	/	/	<=33	Pass
		Inner_1RB_Left	20.05	/	/	24.85	/	/	<=33	Pass
		Inner_1RB_Right	20.15	/	/	24.95	/	/	<=33	Pass
	2507.5	Edge_1RB_Left	17.20	/	/	22.00	/	/	<=33	Pass
		Edge_1RB_Right	17.29	/	/	22.09	/	/	<=33	Pass
		Outer_Full	17.23	/	/	22.03	/	/	<=33	Pass
		Inner_Full	17.18	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Left	17.24	/	/	22.04	/	/	<=33	Pass
		Inner_1RB_Right	17.37	/	/	22.17	/	/	<=33	Pass
CP-OFDM 256 QAM	2535	Edge_1RB_Left	17.28	/	/	22.08	/	/	<=33	Pass
		Edge_1RB_Right	17.27	/	/	22.07	/	/	<=33	Pass
		Outer_Full	17.15	/	/	21.95	/	/	<=33	Pass
		Inner_Full	17.08	/	/	21.88	/	/	<=33	Pass
		Inner_1RB_Left	17.28	/	/	22.08	/	/	<=33	Pass
		Inner_1RB_Right	17.28	/	/	22.08	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	17.14	/	/	21.94	/	/	<=33	Pass
		Edge_1RB_Right	17.40	/	/	22.20	/	/	<=33	Pass
		Outer_Full	17.15	/	/	21.95	/	/	<=33	Pass
		Inner_Full	17.06	/	/	21.86	/	/	<=33	Pass
		Inner_1RB_Left	17.16	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Right	17.42	/	/	22.22	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 4.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain

3.4 15k_SISO_20MHz_NTNV_EIRP

3.4.1 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	23.27	/	/	28.07	/	/	<=33	Pass
		Edge_1RB_Right	23.39	/	/	28.19	/	/	<=33	Pass
		Outer_Full	23.27	/	/	28.07	/	/	<=33	Pass
		Inner_Full	23.80	/	/	28.60	/	/	<=33	Pass
		Inner_1RB_Left	23.76	/	/	28.56	/	/	<=33	Pass
		Inner_1RB_Right	23.87	/	/	28.67	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.22	/	/	28.02	/	/	<=33	Pass
		Edge_1RB_Right	23.29	/	/	28.09	/	/	<=33	Pass
		Outer_Full	23.16	/	/	27.96	/	/	<=33	Pass



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		Inner_Full	23.68	/	/	28.48	/	/	<=33	Pass	
		Inner_1RB_Left	23.64	/	/	28.44	/	/	<=33	Pass	
		Inner_1RB_Right	23.65	/	/	28.45	/	/	<=33	Pass	
		2560	Edge_1RB_Left	23.14	/	/	27.94	/	/	<=33	Pass
			Edge_1RB_Right	23.25	/	/	28.05	/	/	<=33	Pass
			Outer_Full	23.13	/	/	27.93	/	/	<=33	Pass
			Inner_Full	23.67	/	/	28.47	/	/	<=33	Pass
			Inner_1RB_Left	23.65	/	/	28.45	/	/	<=33	Pass
			Inner_1RB_Right	23.71	/	/	28.51	/	/	<=33	Pass
DFT-s-OFDM QPSK	2510	Edge_1RB_Left	22.72	/	/	27.52	/	/	<=33	Pass	
		Edge_1RB_Right	22.91	/	/	27.71	/	/	<=33	Pass	
		Outer_Full	22.77	/	/	27.57	/	/	<=33	Pass	
		Inner_Full	23.85	/	/	28.65	/	/	<=33	Pass	
		Inner_1RB_Left	23.74	/	/	28.54	/	/	<=33	Pass	
		Inner_1RB_Right	23.85	/	/	28.65	/	/	<=33	Pass	
	2535	Edge_1RB_Left	22.52	/	/	27.32	/	/	<=33	Pass	
		Edge_1RB_Right	22.71	/	/	27.51	/	/	<=33	Pass	
		Outer_Full	22.62	/	/	27.42	/	/	<=33	Pass	
		Inner_Full	23.71	/	/	28.51	/	/	<=33	Pass	
		Inner_1RB_Left	23.58	/	/	28.38	/	/	<=33	Pass	
		Inner_1RB_Right	23.70	/	/	28.50	/	/	<=33	Pass	
	2560	Edge_1RB_Left	22.62	/	/	27.42	/	/	<=33	Pass	
		Edge_1RB_Right	22.66	/	/	27.46	/	/	<=33	Pass	
		Outer_Full	22.64	/	/	27.44	/	/	<=33	Pass	
		Inner_Full	23.67	/	/	28.47	/	/	<=33	Pass	
		Inner_1RB_Left	23.60	/	/	28.40	/	/	<=33	Pass	
		Inner_1RB_Right	23.73	/	/	28.53	/	/	<=33	Pass	
	DFT-s-OFDM 16 QAM	2510	Edge_1RB_Left	21.78	/	/	26.58	/	/	<=33	Pass
			Edge_1RB_Right	21.93	/	/	26.73	/	/	<=33	Pass
			Outer_Full	21.72	/	/	26.52	/	/	<=33	Pass
			Inner_Full	22.85	/	/	27.65	/	/	<=33	Pass
			Inner_1RB_Left	22.90	/	/	27.70	/	/	<=33	Pass
			Inner_1RB_Right	22.99	/	/	27.79	/	/	<=33	Pass
2535		Edge_1RB_Left	21.66	/	/	26.46	/	/	<=33	Pass	
		Edge_1RB_Right	21.76	/	/	26.56	/	/	<=33	Pass	
		Outer_Full	21.64	/	/	26.44	/	/	<=33	Pass	
		Inner_Full	22.72	/	/	27.52	/	/	<=33	Pass	
		Inner_1RB_Left	22.70	/	/	27.50	/	/	<=33	Pass	
		Inner_1RB_Right	22.77	/	/	27.57	/	/	<=33	Pass	
2560		Edge_1RB_Left	21.72	/	/	26.52	/	/	<=33	Pass	
		Edge_1RB_Right	21.83	/	/	26.63	/	/	<=33	Pass	
		Outer_Full	21.65	/	/	26.45	/	/	<=33	Pass	
		Inner_Full	22.69	/	/	27.49	/	/	<=33	Pass	
		Inner_1RB_Left	22.68	/	/	27.48	/	/	<=33	Pass	
		Inner_1RB_Right	22.76	/	/	27.56	/	/	<=33	Pass	
DFT-s-OFDM 64 QAM	2510	Edge_1RB_Left	21.19	/	/	25.99	/	/	<=33	Pass	
		Edge_1RB_Right	21.25	/	/	26.05	/	/	<=33	Pass	
		Outer_Full	21.26	/	/	26.06	/	/	<=33	Pass	
		Inner_Full	21.26	/	/	26.06	/	/	<=33	Pass	
		Inner_1RB_Left	21.17	/	/	25.97	/	/	<=33	Pass	
		Inner_1RB_Right	21.28	/	/	26.08	/	/	<=33	Pass	
	2535	Edge_1RB_Left	21.12	/	/	25.92	/	/	<=33	Pass	
		Edge_1RB_Right	21.16	/	/	25.96	/	/	<=33	Pass	
		Outer_Full	21.14	/	/	25.94	/	/	<=33	Pass	



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		Inner_Full	21.13	/	/	25.93	/	/	<=33	Pass
		Inner_1RB_Left	21.02	/	/	25.82	/	/	<=33	Pass
		Inner_1RB_Right	21.12	/	/	25.92	/	/	<=33	Pass
	2560	Edge_1RB_Left	20.96	/	/	25.76	/	/	<=33	Pass
		Edge_1RB_Right	21.16	/	/	25.96	/	/	<=33	Pass
		Outer_Full	21.12	/	/	25.92	/	/	<=33	Pass
		Inner_Full	21.11	/	/	25.91	/	/	<=33	Pass
		Inner_1RB_Left	21.01	/	/	25.81	/	/	<=33	Pass
		Inner_1RB_Right	21.12	/	/	25.92	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2510	Edge_1RB_Left	19.43	/	/	24.23	/	/	<=33	Pass
		Edge_1RB_Right	19.61	/	/	24.41	/	/	<=33	Pass
		Outer_Full	19.25	/	/	24.05	/	/	<=33	Pass
		Inner_Full	19.25	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Left	19.45	/	/	24.25	/	/	<=33	Pass
		Inner_1RB_Right	19.58	/	/	24.38	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.19	/	/	23.99	/	/	<=33	Pass
		Edge_1RB_Right	19.39	/	/	24.19	/	/	<=33	Pass
		Outer_Full	19.12	/	/	23.92	/	/	<=33	Pass
		Inner_Full	19.08	/	/	23.88	/	/	<=33	Pass
		Inner_1RB_Left	19.38	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Right	19.48	/	/	24.28	/	/	<=33	Pass
	2560	Edge_1RB_Left	19.19	/	/	23.99	/	/	<=33	Pass
		Edge_1RB_Right	19.18	/	/	23.98	/	/	<=33	Pass
		Outer_Full	19.09	/	/	23.89	/	/	<=33	Pass
		Inner_Full	19.06	/	/	23.86	/	/	<=33	Pass
		Inner_1RB_Left	19.36	/	/	24.16	/	/	<=33	Pass
		Inner_1RB_Right	19.41	/	/	24.21	/	/	<=33	Pass
CP-OFDM QPSK	2510	Edge_1RB_Left	20.74	/	/	25.54	/	/	<=33	Pass
		Edge_1RB_Right	20.84	/	/	25.64	/	/	<=33	Pass
		Outer_Full	20.77	/	/	25.57	/	/	<=33	Pass
		Inner_Full	22.30	/	/	27.10	/	/	<=33	Pass
		Inner_1RB_Left	22.30	/	/	27.10	/	/	<=33	Pass
	2535	Inner_1RB_Right	22.38	/	/	27.18	/	/	<=33	Pass
		Edge_1RB_Left	20.62	/	/	25.42	/	/	<=33	Pass
		Edge_1RB_Right	20.64	/	/	25.44	/	/	<=33	Pass
		Outer_Full	20.61	/	/	25.41	/	/	<=33	Pass
		Inner_Full	22.12	/	/	26.92	/	/	<=33	Pass
		Inner_1RB_Left	22.11	/	/	26.91	/	/	<=33	Pass
	2560	Inner_1RB_Right	22.19	/	/	26.99	/	/	<=33	Pass
		Edge_1RB_Left	20.66	/	/	25.46	/	/	<=33	Pass
		Edge_1RB_Right	20.80	/	/	25.60	/	/	<=33	Pass
		Outer_Full	20.65	/	/	25.45	/	/	<=33	Pass
		Inner_Full	22.09	/	/	26.89	/	/	<=33	Pass
		Inner_1RB_Left	22.05	/	/	26.85	/	/	<=33	Pass
	CP-OFDM 16 QAM	2510	Inner_1RB_Right	22.23	/	/	27.03	/	/	<=33
Edge_1RB_Left			20.88	/	/	25.68	/	/	<=33	Pass
Edge_1RB_Right			20.99	/	/	25.79	/	/	<=33	Pass
Outer_Full			20.76	/	/	25.56	/	/	<=33	Pass
Inner_Full			21.86	/	/	26.66	/	/	<=33	Pass
Inner_1RB_Left			21.87	/	/	26.67	/	/	<=33	Pass
2535		Inner_1RB_Right	22.07	/	/	26.87	/	/	<=33	Pass
		Edge_1RB_Left	20.71	/	/	25.51	/	/	<=33	Pass
		Edge_1RB_Right	20.89	/	/	25.69	/	/	<=33	Pass
		Outer_Full	20.65	/	/	25.45	/	/	<=33	Pass



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		Inner_Full	21.65	/	/	26.45	/	/	<=33	Pass
		Inner_1RB_Left	21.62	/	/	26.42	/	/	<=33	Pass
		Inner_1RB_Right	21.78	/	/	26.58	/	/	<=33	Pass
	2560	Edge_1RB_Left	20.77	/	/	25.57	/	/	<=33	Pass
		Edge_1RB_Right	20.92	/	/	25.72	/	/	<=33	Pass
		Outer_Full	20.61	/	/	25.41	/	/	<=33	Pass
		Inner_Full	21.63	/	/	26.43	/	/	<=33	Pass
		Inner_1RB_Left	21.84	/	/	26.64	/	/	<=33	Pass
		Inner_1RB_Right	21.87	/	/	26.67	/	/	<=33	Pass
CP-OFDM 64 QAM	2510	Edge_1RB_Left	20.34	/	/	25.14	/	/	<=33	Pass
		Edge_1RB_Right	20.49	/	/	25.29	/	/	<=33	Pass
		Outer_Full	20.27	/	/	25.07	/	/	<=33	Pass
		Inner_Full	20.29	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Left	20.48	/	/	25.28	/	/	<=33	Pass
		Inner_1RB_Right	20.41	/	/	25.21	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.27	/	/	25.07	/	/	<=33	Pass
		Edge_1RB_Right	20.25	/	/	25.05	/	/	<=33	Pass
		Outer_Full	20.15	/	/	24.95	/	/	<=33	Pass
		Inner_Full	20.18	/	/	24.98	/	/	<=33	Pass
		Inner_1RB_Left	20.38	/	/	25.18	/	/	<=33	Pass
		Inner_1RB_Right	20.16	/	/	24.96	/	/	<=33	Pass
	2560	Edge_1RB_Left	20.33	/	/	25.13	/	/	<=33	Pass
		Edge_1RB_Right	20.29	/	/	25.09	/	/	<=33	Pass
		Outer_Full	20.09	/	/	24.89	/	/	<=33	Pass
		Inner_Full	20.11	/	/	24.91	/	/	<=33	Pass
		Inner_1RB_Left	20.42	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Right	20.35	/	/	25.15	/	/	<=33	Pass
CP-OFDM 256 QAM	2510	Edge_1RB_Left	17.26	/	/	22.06	/	/	<=33	Pass
		Edge_1RB_Right	17.49	/	/	22.29	/	/	<=33	Pass
		Outer_Full	17.28	/	/	22.08	/	/	<=33	Pass
		Inner_Full	17.34	/	/	22.14	/	/	<=33	Pass
		Inner_1RB_Left	17.34	/	/	22.14	/	/	<=33	Pass
		Inner_1RB_Right	17.64	/	/	22.44	/	/	<=33	Pass
	2535	Edge_1RB_Left	17.22	/	/	22.02	/	/	<=33	Pass
		Edge_1RB_Right	17.25	/	/	22.05	/	/	<=33	Pass
		Outer_Full	17.11	/	/	21.91	/	/	<=33	Pass
		Inner_Full	17.11	/	/	21.91	/	/	<=33	Pass
		Inner_1RB_Left	17.22	/	/	22.02	/	/	<=33	Pass
		Inner_1RB_Right	17.32	/	/	22.12	/	/	<=33	Pass
	2560	Edge_1RB_Left	17.15	/	/	21.95	/	/	<=33	Pass
		Edge_1RB_Right	17.34	/	/	22.14	/	/	<=33	Pass
		Outer_Full	17.05	/	/	21.85	/	/	<=33	Pass
		Inner_Full	17.02	/	/	21.82	/	/	<=33	Pass
		Inner_1RB_Left	17.21	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Right	17.33	/	/	22.13	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 4.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

3.5 15k_SISO_25MHz_NTNV_EIRP

3.5.1 Test Result



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5G NR n7 SCS=15kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2512.5	Edge 1RB Left	23.19	/	/	27.99	/	/	<=33	Pass
		Edge 1RB Right	23.30	/	/	28.10	/	/	<=33	Pass
		Outer Full	23.24	/	/	28.04	/	/	<=33	Pass
		Inner Full	23.86	/	/	28.66	/	/	<=33	Pass
		Inner 1RB Left	23.74	/	/	28.54	/	/	<=33	Pass
		Inner 1RB Right	23.80	/	/	28.60	/	/	<=33	Pass
	2535	Edge 1RB Left	22.98	/	/	27.78	/	/	<=33	Pass
		Edge 1RB Right	23.13	/	/	27.93	/	/	<=33	Pass
		Outer Full	23.06	/	/	27.86	/	/	<=33	Pass
		Inner Full	23.64	/	/	28.44	/	/	<=33	Pass
		Inner 1RB Left	23.50	/	/	28.30	/	/	<=33	Pass
		Inner 1RB Right	23.55	/	/	28.35	/	/	<=33	Pass
	2557.5	Edge 1RB Left	23.06	/	/	27.86	/	/	<=33	Pass
		Edge 1RB Right	23.03	/	/	27.83	/	/	<=33	Pass
		Outer Full	23.10	/	/	27.90	/	/	<=33	Pass
		Inner Full	23.60	/	/	28.40	/	/	<=33	Pass
		Inner 1RB Left	23.51	/	/	28.31	/	/	<=33	Pass
		Inner 1RB Right	23.49	/	/	28.29	/	/	<=33	Pass
DFT-s-OFDM QPSK	2512.5	Edge 1RB Left	22.59	/	/	27.39	/	/	<=33	Pass
		Edge 1RB Right	22.82	/	/	27.62	/	/	<=33	Pass
		Outer Full	22.80	/	/	27.60	/	/	<=33	Pass
		Inner Full	23.89	/	/	28.69	/	/	<=33	Pass
		Inner 1RB Left	23.69	/	/	28.49	/	/	<=33	Pass
		Inner 1RB Right	23.85	/	/	28.65	/	/	<=33	Pass
	2535	Edge 1RB Left	22.48	/	/	27.28	/	/	<=33	Pass
		Edge 1RB Right	22.59	/	/	27.39	/	/	<=33	Pass
		Outer Full	22.56	/	/	27.36	/	/	<=33	Pass
		Inner Full	23.61	/	/	28.41	/	/	<=33	Pass
		Inner 1RB Left	23.55	/	/	28.35	/	/	<=33	Pass
		Inner 1RB Right	23.52	/	/	28.32	/	/	<=33	Pass
	2557.5	Edge 1RB Left	22.51	/	/	27.31	/	/	<=33	Pass
		Edge 1RB Right	22.42	/	/	27.22	/	/	<=33	Pass
		Outer Full	22.60	/	/	27.40	/	/	<=33	Pass
		Inner Full	23.64	/	/	28.44	/	/	<=33	Pass
		Inner 1RB Left	23.56	/	/	28.36	/	/	<=33	Pass
		Inner 1RB Right	23.47	/	/	28.27	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2512.5	Edge 1RB Left	21.71	/	/	26.51	/	/	<=33	Pass
		Edge 1RB Right	21.87	/	/	26.67	/	/	<=33	Pass
		Outer Full	21.77	/	/	26.57	/	/	<=33	Pass
		Inner Full	22.88	/	/	27.68	/	/	<=33	Pass
		Inner 1RB Left	22.77	/	/	27.57	/	/	<=33	Pass
		Inner 1RB Right	22.83	/	/	27.63	/	/	<=33	Pass
	2535	Edge 1RB Left	21.60	/	/	26.40	/	/	<=33	Pass
		Edge 1RB Right	21.58	/	/	26.38	/	/	<=33	Pass
		Outer Full	21.56	/	/	26.36	/	/	<=33	Pass
		Inner Full	22.60	/	/	27.40	/	/	<=33	Pass
		Inner 1RB Left	22.57	/	/	27.37	/	/	<=33	Pass
		Inner 1RB Right	22.61	/	/	27.41	/	/	<=33	Pass
	2557.5	Edge 1RB Left	21.59	/	/	26.39	/	/	<=33	Pass
		Edge 1RB Right	21.55	/	/	26.35	/	/	<=33	Pass
		Outer Full	21.54	/	/	26.34	/	/	<=33	Pass



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DFT-s-OFDM 64 QAM		Inner_Full	22.60	/	/	27.40	/	/	<=33	Pass
		Inner_1RB_Left	22.58	/	/	27.38	/	/	<=33	Pass
		Inner_1RB_Right	22.61	/	/	27.41	/	/	<=33	Pass
	2512.5	Edge_1RB_Left	21.09	/	/	25.89	/	/	<=33	Pass
		Edge_1RB_Right	21.15	/	/	25.95	/	/	<=33	Pass
		Outer_Full	21.28	/	/	26.08	/	/	<=33	Pass
		Inner_Full	21.33	/	/	26.13	/	/	<=33	Pass
		Inner_1RB_Left	21.02	/	/	25.82	/	/	<=33	Pass
		Inner_1RB_Right	21.19	/	/	25.99	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.00	/	/	25.80	/	/	<=33	Pass
		Edge_1RB_Right	20.93	/	/	25.73	/	/	<=33	Pass
		Outer_Full	21.13	/	/	25.93	/	/	<=33	Pass
		Inner_Full	21.10	/	/	25.90	/	/	<=33	Pass
		Inner_1RB_Left	20.87	/	/	25.67	/	/	<=33	Pass
		Inner_1RB_Right	21.01	/	/	25.81	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	20.87	/	/	25.67	/	/	<=33	Pass
		Edge_1RB_Right	20.85	/	/	25.65	/	/	<=33	Pass
		Outer_Full	21.08	/	/	25.88	/	/	<=33	Pass
		Inner_Full	21.00	/	/	25.80	/	/	<=33	Pass
		Inner_1RB_Left	20.92	/	/	25.72	/	/	<=33	Pass
		Inner_1RB_Right	20.81	/	/	25.61	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2512.5	Edge_1RB_Left	19.24	/	/	24.04	/	/	<=33	Pass
		Edge_1RB_Right	19.43	/	/	24.23	/	/	<=33	Pass
		Outer_Full	19.27	/	/	24.07	/	/	<=33	Pass
		Inner_Full	19.32	/	/	24.12	/	/	<=33	Pass
		Inner_1RB_Left	19.23	/	/	24.03	/	/	<=33	Pass
		Inner_1RB_Right	19.48	/	/	24.28	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.24	/	/	24.04	/	/	<=33	Pass
		Edge_1RB_Right	19.27	/	/	24.07	/	/	<=33	Pass
		Outer_Full	19.06	/	/	23.86	/	/	<=33	Pass
		Inner_Full	19.10	/	/	23.90	/	/	<=33	Pass
		Inner_1RB_Left	19.09	/	/	23.89	/	/	<=33	Pass
		Inner_1RB_Right	19.10	/	/	23.90	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	18.99	/	/	23.79	/	/	<=33	Pass
		Edge_1RB_Right	18.94	/	/	23.74	/	/	<=33	Pass
		Outer_Full	19.03	/	/	23.83	/	/	<=33	Pass
		Inner_Full	19.02	/	/	23.82	/	/	<=33	Pass
		Inner_1RB_Left	19.16	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Right	19.18	/	/	23.98	/	/	<=33	Pass
CP-OFDM QPSK	2512.5	Edge_1RB_Left	20.69	/	/	25.49	/	/	<=33	Pass
		Edge_1RB_Right	20.72	/	/	25.52	/	/	<=33	Pass
		Outer_Full	20.79	/	/	25.59	/	/	<=33	Pass
		Inner_Full	22.33	/	/	27.13	/	/	<=33	Pass
		Inner_1RB_Left	22.22	/	/	27.02	/	/	<=33	Pass
		Inner_1RB_Right	22.21	/	/	27.01	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.55	/	/	25.35	/	/	<=33	Pass
		Edge_1RB_Right	20.41	/	/	25.21	/	/	<=33	Pass
		Outer_Full	20.61	/	/	25.41	/	/	<=33	Pass
		Inner_Full	22.18	/	/	26.98	/	/	<=33	Pass
		Inner_1RB_Left	21.95	/	/	26.75	/	/	<=33	Pass
		Inner_1RB_Right	21.96	/	/	26.76	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	20.55	/	/	25.35	/	/	<=33	Pass
		Edge_1RB_Right	20.48	/	/	25.28	/	/	<=33	Pass
		Outer_Full	20.59	/	/	25.39	/	/	<=33	Pass



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		Inner_Full	22.05	/	/	26.85	/	/	<=33	Pass
		Inner_1RB_Left	22.01	/	/	26.81	/	/	<=33	Pass
		Inner_1RB_Right	22.01	/	/	26.81	/	/	<=33	Pass
CP-OFDM 16 QAM	2512.5	Edge_1RB_Left	20.76	/	/	25.56	/	/	<=33	Pass
		Edge_1RB_Right	20.95	/	/	25.75	/	/	<=33	Pass
		Outer_Full	20.79	/	/	25.59	/	/	<=33	Pass
		Inner_Full	21.73	/	/	26.53	/	/	<=33	Pass
		Inner_1RB_Left	21.83	/	/	26.63	/	/	<=33	Pass
		Inner_1RB_Right	21.97	/	/	26.77	/	/	<=33	Pass
		Edge_1RB_Left	20.69	/	/	25.49	/	/	<=33	Pass
		Edge_1RB_Right	20.65	/	/	25.45	/	/	<=33	Pass
	2535	Outer_Full	20.57	/	/	25.37	/	/	<=33	Pass
		Inner_Full	21.59	/	/	26.39	/	/	<=33	Pass
		Inner_1RB_Left	21.57	/	/	26.37	/	/	<=33	Pass
		Inner_1RB_Right	21.61	/	/	26.41	/	/	<=33	Pass
		Edge_1RB_Left	20.70	/	/	25.50	/	/	<=33	Pass
		Edge_1RB_Right	20.54	/	/	25.34	/	/	<=33	Pass
	2557.5	Outer_Full	20.59	/	/	25.39	/	/	<=33	Pass
		Inner_Full	21.51	/	/	26.31	/	/	<=33	Pass
		Inner_1RB_Left	21.69	/	/	26.49	/	/	<=33	Pass
		Inner_1RB_Right	21.62	/	/	26.42	/	/	<=33	Pass
Edge_1RB_Left		20.18	/	/	24.98	/	/	<=33	Pass	
Edge_1RB_Right		20.39	/	/	25.19	/	/	<=33	Pass	
CP-OFDM 64 QAM	2512.5	Outer_Full	20.26	/	/	25.06	/	/	<=33	Pass
		Inner_Full	20.37	/	/	25.17	/	/	<=33	Pass
		Inner_1RB_Left	20.25	/	/	25.05	/	/	<=33	Pass
		Inner_1RB_Right	20.38	/	/	25.18	/	/	<=33	Pass
		Edge_1RB_Left	20.09	/	/	24.89	/	/	<=33	Pass
		Edge_1RB_Right	20.09	/	/	24.89	/	/	<=33	Pass
	2535	Outer_Full	20.07	/	/	24.87	/	/	<=33	Pass
		Inner_Full	20.17	/	/	24.97	/	/	<=33	Pass
		Inner_1RB_Left	20.11	/	/	24.91	/	/	<=33	Pass
		Inner_1RB_Right	20.25	/	/	25.05	/	/	<=33	Pass
		Edge_1RB_Left	20.10	/	/	24.90	/	/	<=33	Pass
		Edge_1RB_Right	20.00	/	/	24.80	/	/	<=33	Pass
	2557.5	Outer_Full	19.99	/	/	24.79	/	/	<=33	Pass
		Inner_Full	20.07	/	/	24.87	/	/	<=33	Pass
		Inner_1RB_Left	20.11	/	/	24.91	/	/	<=33	Pass
		Inner_1RB_Right	19.98	/	/	24.78	/	/	<=33	Pass
		Edge_1RB_Left	17.34	/	/	22.14	/	/	<=33	Pass
		Edge_1RB_Right	17.42	/	/	22.22	/	/	<=33	Pass
CP-OFDM 256 QAM	2512.5	Outer_Full	17.26	/	/	22.06	/	/	<=33	Pass
		Inner_Full	17.35	/	/	22.15	/	/	<=33	Pass
		Inner_1RB_Left	17.31	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Right	17.48	/	/	22.28	/	/	<=33	Pass
		Edge_1RB_Left	17.16	/	/	21.96	/	/	<=33	Pass
		Edge_1RB_Right	17.16	/	/	21.96	/	/	<=33	Pass
	2535	Outer_Full	17.15	/	/	21.95	/	/	<=33	Pass
		Inner_Full	17.18	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Left	17.20	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	17.22	/	/	22.02	/	/	<=33	Pass
		Edge_1RB_Left	17.17	/	/	21.97	/	/	<=33	Pass
		Edge_1RB_Right	17.13	/	/	21.93	/	/	<=33	Pass
2557.5	Outer_Full	17.03	/	/	21.83	/	/	<=33	Pass	



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		Inner_Full	17.12	/	/	21.92	/	/	<=33	Pass
		Inner_1RB_Left	17.21	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Right	17.11	/	/	21.91	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 4.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

3.6 15k SISO 30MHz NTNv EIRP

3.6.1 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	22.78	/	/	27.58	/	/	<=33	Pass
		Edge_1RB_Right	22.89	/	/	27.69	/	/	<=33	Pass
		Outer_Full	23.06	/	/	27.86	/	/	<=33	Pass
		Inner_Full	23.66	/	/	28.46	/	/	<=33	Pass
		Inner_1RB_Left	23.32	/	/	28.12	/	/	<=33	Pass
		Inner_1RB_Right	23.38	/	/	28.18	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.87	/	/	27.67	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	27.70	/	/	<=33	Pass
		Outer_Full	23.06	/	/	27.86	/	/	<=33	Pass
		Inner_Full	23.63	/	/	28.43	/	/	<=33	Pass
		Inner_1RB_Left	23.32	/	/	28.12	/	/	<=33	Pass
		Inner_1RB_Right	23.38	/	/	28.18	/	/	<=33	Pass
	2555	Edge_1RB_Left	22.79	/	/	27.59	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	27.54	/	/	<=33	Pass
		Outer_Full	22.94	/	/	27.74	/	/	<=33	Pass
		Inner_Full	23.53	/	/	28.33	/	/	<=33	Pass
		Inner_1RB_Left	23.31	/	/	28.11	/	/	<=33	Pass
		Inner_1RB_Right	23.25	/	/	28.05	/	/	<=33	Pass
DFT-s-OFDM QPSK	2515	Edge_1RB_Left	22.21	/	/	27.01	/	/	<=33	Pass
		Edge_1RB_Right	22.40	/	/	27.20	/	/	<=33	Pass
		Outer_Full	22.49	/	/	27.29	/	/	<=33	Pass
		Inner_Full	23.63	/	/	28.43	/	/	<=33	Pass
		Inner_1RB_Left	23.32	/	/	28.12	/	/	<=33	Pass
		Inner_1RB_Right	23.34	/	/	28.14	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.21	/	/	27.01	/	/	<=33	Pass
		Edge_1RB_Right	22.41	/	/	27.21	/	/	<=33	Pass
		Outer_Full	22.60	/	/	27.40	/	/	<=33	Pass
		Inner_Full	23.63	/	/	28.43	/	/	<=33	Pass
		Inner_1RB_Left	23.30	/	/	28.10	/	/	<=33	Pass
		Inner_1RB_Right	23.37	/	/	28.17	/	/	<=33	Pass
	2555	Edge_1RB_Left	22.20	/	/	27.00	/	/	<=33	Pass
		Edge_1RB_Right	22.18	/	/	26.98	/	/	<=33	Pass
		Outer_Full	22.45	/	/	27.25	/	/	<=33	Pass
Inner_Full		23.56	/	/	28.36	/	/	<=33	Pass	
Inner_1RB_Left		23.29	/	/	28.09	/	/	<=33	Pass	
DFT-s-OFDM 16 QAM	2515	Inner_1RB_Right	23.23	/	/	28.03	/	/	<=33	Pass
		Edge_1RB_Left	21.27	/	/	26.07	/	/	<=33	Pass
		Edge_1RB_Right	21.33	/	/	26.13	/	/	<=33	Pass
		Outer_Full	21.58	/	/	26.38	/	/	<=33	Pass



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		Inner_Full	22.70	/	/	27.50	/	/	<=33	Pass
		Inner_1RB_Left	22.38	/	/	27.18	/	/	<=33	Pass
		Inner_1RB_Right	22.42	/	/	27.22	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.31	/	/	26.11	/	/	<=33	Pass
		Edge_1RB_Right	21.42	/	/	26.22	/	/	<=33	Pass
		Outer_Full	21.60	/	/	26.40	/	/	<=33	Pass
		Inner_Full	22.69	/	/	27.49	/	/	<=33	Pass
		Inner_1RB_Left	22.34	/	/	27.14	/	/	<=33	Pass
		Inner_1RB_Right	22.41	/	/	27.21	/	/	<=33	Pass
	2555	Edge_1RB_Left	21.35	/	/	26.15	/	/	<=33	Pass
		Edge_1RB_Right	21.31	/	/	26.11	/	/	<=33	Pass
		Outer_Full	21.43	/	/	26.23	/	/	<=33	Pass
		Inner_Full	22.61	/	/	27.41	/	/	<=33	Pass
		Inner_1RB_Left	22.36	/	/	27.16	/	/	<=33	Pass
		Inner_1RB_Right	22.29	/	/	27.09	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2515	Edge_1RB_Left	20.74	/	/	25.54	/	/	<=33	Pass
		Edge_1RB_Right	20.75	/	/	25.55	/	/	<=33	Pass
		Outer_Full	21.05	/	/	25.85	/	/	<=33	Pass
		Inner_Full	21.19	/	/	25.99	/	/	<=33	Pass
		Inner_1RB_Left	20.68	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Right	20.80	/	/	25.60	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.68	/	/	25.48	/	/	<=33	Pass
		Edge_1RB_Right	20.70	/	/	25.50	/	/	<=33	Pass
		Outer_Full	21.11	/	/	25.91	/	/	<=33	Pass
		Inner_Full	21.16	/	/	25.96	/	/	<=33	Pass
		Inner_1RB_Left	20.70	/	/	25.50	/	/	<=33	Pass
		Inner_1RB_Right	20.76	/	/	25.56	/	/	<=33	Pass
	2555	Edge_1RB_Left	20.61	/	/	25.41	/	/	<=33	Pass
		Edge_1RB_Right	20.62	/	/	25.42	/	/	<=33	Pass
		Outer_Full	20.93	/	/	25.73	/	/	<=33	Pass
		Inner_Full	21.05	/	/	25.85	/	/	<=33	Pass
		Inner_1RB_Left	20.64	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Right	20.64	/	/	25.44	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2515	Edge_1RB_Left	18.94	/	/	23.74	/	/	<=33	Pass
		Edge_1RB_Right	19.06	/	/	23.86	/	/	<=33	Pass
		Outer_Full	19.03	/	/	23.83	/	/	<=33	Pass
		Inner_Full	19.14	/	/	23.94	/	/	<=33	Pass
		Inner_1RB_Left	18.97	/	/	23.77	/	/	<=33	Pass
		Inner_1RB_Right	18.93	/	/	23.73	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.00	/	/	23.80	/	/	<=33	Pass
		Edge_1RB_Right	18.93	/	/	23.73	/	/	<=33	Pass
		Outer_Full	19.04	/	/	23.84	/	/	<=33	Pass
		Inner_Full	19.16	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Left	18.90	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Right	18.89	/	/	23.69	/	/	<=33	Pass
	2555	Edge_1RB_Left	18.89	/	/	23.69	/	/	<=33	Pass
		Edge_1RB_Right	18.97	/	/	23.77	/	/	<=33	Pass
		Outer_Full	18.89	/	/	23.69	/	/	<=33	Pass
		Inner_Full	19.01	/	/	23.81	/	/	<=33	Pass
		Inner_1RB_Left	19.02	/	/	23.82	/	/	<=33	Pass
		Inner_1RB_Right	18.99	/	/	23.79	/	/	<=33	Pass
CP-OFDM QPSK	2515	Edge_1RB_Left	20.37	/	/	25.17	/	/	<=33	Pass
		Edge_1RB_Right	20.23	/	/	25.03	/	/	<=33	Pass
		Outer_Full	20.52	/	/	25.32	/	/	<=33	Pass



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	2535	Inner_Full	22.10	/	/	26.90	/	/	<=33	Pass	
		Inner_1RB_Left	21.76	/	/	26.56	/	/	<=33	Pass	
		Inner_1RB_Right	21.80	/	/	26.60	/	/	<=33	Pass	
		Edge_1RB_Left	20.31	/	/	25.11	/	/	<=33	Pass	
		Edge_1RB_Right	20.29	/	/	25.09	/	/	<=33	Pass	
		Outer_Full	20.54	/	/	25.34	/	/	<=33	Pass	
		Inner_Full	22.14	/	/	26.94	/	/	<=33	Pass	
		Inner_1RB_Left	21.73	/	/	26.53	/	/	<=33	Pass	
		Inner_1RB_Right	21.85	/	/	26.65	/	/	<=33	Pass	
	2555	Edge_1RB_Left	20.30	/	/	25.10	/	/	<=33	Pass	
		Edge_1RB_Right	20.33	/	/	25.13	/	/	<=33	Pass	
		Outer_Full	20.43	/	/	25.23	/	/	<=33	Pass	
		Inner_Full	22.05	/	/	26.85	/	/	<=33	Pass	
		Inner_1RB_Left	21.74	/	/	26.54	/	/	<=33	Pass	
		Inner_1RB_Right	21.79	/	/	26.59	/	/	<=33	Pass	
	CP-OFDM 16 QAM	2515	Edge_1RB_Left	20.46	/	/	25.26	/	/	<=33	Pass
			Edge_1RB_Right	20.53	/	/	25.33	/	/	<=33	Pass
			Outer_Full	20.55	/	/	25.35	/	/	<=33	Pass
Inner_Full			21.60	/	/	26.40	/	/	<=33	Pass	
Inner_1RB_Left			21.48	/	/	26.28	/	/	<=33	Pass	
Inner_1RB_Right			21.57	/	/	26.37	/	/	<=33	Pass	
2535		Edge_1RB_Left	20.45	/	/	25.25	/	/	<=33	Pass	
		Edge_1RB_Right	20.54	/	/	25.34	/	/	<=33	Pass	
		Outer_Full	20.54	/	/	25.34	/	/	<=33	Pass	
		Inner_Full	21.61	/	/	26.41	/	/	<=33	Pass	
		Inner_1RB_Left	21.44	/	/	26.24	/	/	<=33	Pass	
		Inner_1RB_Right	21.52	/	/	26.32	/	/	<=33	Pass	
2555		Edge_1RB_Left	20.40	/	/	25.20	/	/	<=33	Pass	
		Edge_1RB_Right	20.33	/	/	25.13	/	/	<=33	Pass	
		Outer_Full	20.47	/	/	25.27	/	/	<=33	Pass	
		Inner_Full	21.52	/	/	26.32	/	/	<=33	Pass	
		Inner_1RB_Left	21.45	/	/	26.25	/	/	<=33	Pass	
		Inner_1RB_Right	21.44	/	/	26.24	/	/	<=33	Pass	
CP-OFDM 64 QAM	2515	Edge_1RB_Left	19.79	/	/	24.59	/	/	<=33	Pass	
		Edge_1RB_Right	19.97	/	/	24.77	/	/	<=33	Pass	
		Outer_Full	20.02	/	/	24.82	/	/	<=33	Pass	
		Inner_Full	20.13	/	/	24.93	/	/	<=33	Pass	
		Inner_1RB_Left	19.97	/	/	24.77	/	/	<=33	Pass	
		Inner_1RB_Right	19.99	/	/	24.79	/	/	<=33	Pass	
	2535	Edge_1RB_Left	19.81	/	/	24.61	/	/	<=33	Pass	
		Edge_1RB_Right	19.91	/	/	24.71	/	/	<=33	Pass	
		Outer_Full	20.07	/	/	24.87	/	/	<=33	Pass	
		Inner_Full	20.16	/	/	24.96	/	/	<=33	Pass	
		Inner_1RB_Left	19.85	/	/	24.65	/	/	<=33	Pass	
		Inner_1RB_Right	19.95	/	/	24.75	/	/	<=33	Pass	
	2555	Edge_1RB_Left	19.79	/	/	24.59	/	/	<=33	Pass	
		Edge_1RB_Right	19.92	/	/	24.72	/	/	<=33	Pass	
		Outer_Full	19.89	/	/	24.69	/	/	<=33	Pass	
		Inner_Full	19.98	/	/	24.78	/	/	<=33	Pass	
		Inner_1RB_Left	19.93	/	/	24.73	/	/	<=33	Pass	
		Inner_1RB_Right	19.84	/	/	24.64	/	/	<=33	Pass	
CP-OFDM 256 QAM	2515	Edge_1RB_Left	16.93	/	/	21.73	/	/	<=33	Pass	
		Edge_1RB_Right	17.02	/	/	21.82	/	/	<=33	Pass	
		Outer_Full	17.08	/	/	21.88	/	/	<=33	Pass	



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		Inner_Full	17.17	/	/	21.97	/	/	<=33	Pass
		Inner_1RB_Left	16.97	/	/	21.77	/	/	<=33	Pass
		Inner_1RB_Right	17.09	/	/	21.89	/	/	<=33	Pass
	2535	Edge_1RB_Left	16.95	/	/	21.75	/	/	<=33	Pass
		Edge_1RB_Right	17.04	/	/	21.84	/	/	<=33	Pass
		Outer_Full	17.12	/	/	21.92	/	/	<=33	Pass
		Inner_Full	17.16	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Left	16.99	/	/	21.79	/	/	<=33	Pass
		Inner_1RB_Right	17.05	/	/	21.85	/	/	<=33	Pass
	2555	Edge_1RB_Left	16.84	/	/	21.64	/	/	<=33	Pass
		Edge_1RB_Right	16.85	/	/	21.65	/	/	<=33	Pass
		Outer_Full	16.95	/	/	21.75	/	/	<=33	Pass
		Inner_Full	17.00	/	/	21.80	/	/	<=33	Pass
		Inner_1RB_Left	16.96	/	/	21.76	/	/	<=33	Pass
		Inner_1RB_Right	16.94	/	/	21.74	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 4.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

3.7 15k_SISO_40MHz_NTNV_EIRP

3.7.1 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	22.79	/	/	27.59	/	/	<=33	Pass
		Edge_1RB_Right	22.88	/	/	27.68	/	/	<=33	Pass
		Outer_Full	23.02	/	/	27.82	/	/	<=33	Pass
		Inner_Full	23.73	/	/	28.53	/	/	<=33	Pass
		Inner_1RB_Left	23.32	/	/	28.12	/	/	<=33	Pass
		Inner_1RB_Right	23.40	/	/	28.20	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.69	/	/	27.49	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	27.50	/	/	<=33	Pass
		Outer_Full	22.98	/	/	27.78	/	/	<=33	Pass
		Inner_Full	23.64	/	/	28.44	/	/	<=33	Pass
		Inner_1RB_Left	23.19	/	/	27.99	/	/	<=33	Pass
		Inner_1RB_Right	23.20	/	/	28.00	/	/	<=33	Pass
	2550	Edge_1RB_Left	22.85	/	/	27.65	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	27.56	/	/	<=33	Pass
		Outer_Full	22.92	/	/	27.72	/	/	<=33	Pass
		Inner_Full	23.67	/	/	28.47	/	/	<=33	Pass
		Inner_1RB_Left	23.28	/	/	28.08	/	/	<=33	Pass
		Inner_1RB_Right	23.26	/	/	28.06	/	/	<=33	Pass
DFT-s-OFDM QPSK	2520	Edge_1RB_Left	22.22	/	/	27.02	/	/	<=33	Pass
		Edge_1RB_Right	22.36	/	/	27.16	/	/	<=33	Pass
		Outer_Full	22.54	/	/	27.34	/	/	<=33	Pass
		Inner_Full	23.76	/	/	28.56	/	/	<=33	Pass
		Inner_1RB_Left	23.24	/	/	28.04	/	/	<=33	Pass
		Inner_1RB_Right	23.37	/	/	28.17	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.14	/	/	26.94	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	26.99	/	/	<=33	Pass
		Outer_Full	22.51	/	/	27.31	/	/	<=33	Pass



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		Inner_Full	23.66	/	/	28.46	/	/	<=33	Pass
		Inner_1RB_Left	23.20	/	/	28.00	/	/	<=33	Pass
		Inner_1RB_Right	23.17	/	/	27.97	/	/	<=33	Pass
	2550	Edge_1RB_Left	22.22	/	/	27.02	/	/	<=33	Pass
		Edge_1RB_Right	22.20	/	/	27.00	/	/	<=33	Pass
		Outer_Full	22.52	/	/	27.32	/	/	<=33	Pass
		Inner_Full	23.65	/	/	28.45	/	/	<=33	Pass
		Inner_1RB_Left	23.25	/	/	28.05	/	/	<=33	Pass
		Inner_1RB_Right	23.23	/	/	28.03	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2520	Edge_1RB_Left	21.37	/	/	26.17	/	/	<=33	Pass
		Edge_1RB_Right	21.44	/	/	26.24	/	/	<=33	Pass
		Outer_Full	21.56	/	/	26.36	/	/	<=33	Pass
		Inner_Full	22.81	/	/	27.61	/	/	<=33	Pass
		Inner_1RB_Left	22.34	/	/	27.14	/	/	<=33	Pass
		Inner_1RB_Right	22.36	/	/	27.16	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.21	/	/	26.01	/	/	<=33	Pass
		Edge_1RB_Right	21.14	/	/	25.94	/	/	<=33	Pass
		Outer_Full	21.52	/	/	26.32	/	/	<=33	Pass
		Inner_Full	22.66	/	/	27.46	/	/	<=33	Pass
		Inner_1RB_Left	22.26	/	/	27.06	/	/	<=33	Pass
		Inner_1RB_Right	22.20	/	/	27.00	/	/	<=33	Pass
	2550	Edge_1RB_Left	21.31	/	/	26.11	/	/	<=33	Pass
		Edge_1RB_Right	21.31	/	/	26.11	/	/	<=33	Pass
		Outer_Full	21.52	/	/	26.32	/	/	<=33	Pass
		Inner_Full	22.73	/	/	27.53	/	/	<=33	Pass
		Inner_1RB_Left	22.33	/	/	27.13	/	/	<=33	Pass
		Inner_1RB_Right	22.33	/	/	27.13	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2520	Edge_1RB_Left	20.78	/	/	25.58	/	/	<=33	Pass
		Edge_1RB_Right	20.76	/	/	25.56	/	/	<=33	Pass
		Outer_Full	21.05	/	/	25.85	/	/	<=33	Pass
		Inner_Full	21.21	/	/	26.01	/	/	<=33	Pass
		Inner_1RB_Left	20.76	/	/	25.56	/	/	<=33	Pass
		Inner_1RB_Right	20.68	/	/	25.48	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.57	/	/	25.37	/	/	<=33	Pass
		Edge_1RB_Right	20.59	/	/	25.39	/	/	<=33	Pass
		Outer_Full	21.06	/	/	25.86	/	/	<=33	Pass
		Inner_Full	21.12	/	/	25.92	/	/	<=33	Pass
		Inner_1RB_Left	20.58	/	/	25.38	/	/	<=33	Pass
		Inner_1RB_Right	20.53	/	/	25.33	/	/	<=33	Pass
	2550	Edge_1RB_Left	20.75	/	/	25.55	/	/	<=33	Pass
		Edge_1RB_Right	20.62	/	/	25.42	/	/	<=33	Pass
		Outer_Full	21.00	/	/	25.80	/	/	<=33	Pass
		Inner_Full	21.13	/	/	25.93	/	/	<=33	Pass
		Inner_1RB_Left	20.59	/	/	25.39	/	/	<=33	Pass
		Inner_1RB_Right	20.61	/	/	25.41	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2520	Edge_1RB_Left	18.93	/	/	23.73	/	/	<=33	Pass
		Edge_1RB_Right	18.95	/	/	23.75	/	/	<=33	Pass
		Outer_Full	18.99	/	/	23.79	/	/	<=33	Pass
		Inner_Full	19.17	/	/	23.97	/	/	<=33	Pass
		Inner_1RB_Left	18.94	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Right	18.84	/	/	23.64	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.88	/	/	23.68	/	/	<=33	Pass
		Edge_1RB_Right	18.83	/	/	23.63	/	/	<=33	Pass
		Outer_Full	18.98	/	/	23.78	/	/	<=33	Pass



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		Inner_Full	19.11	/	/	23.91	/	/	<=33	Pass	
		Inner_1RB_Left	18.74	/	/	23.54	/	/	<=33	Pass	
		Inner_1RB_Right	18.83	/	/	23.63	/	/	<=33	Pass	
	2550	Edge_1RB_Left	18.97	/	/	23.77	/	/	<=33	Pass	
		Edge_1RB_Right	18.81	/	/	23.61	/	/	<=33	Pass	
		Outer_Full	18.94	/	/	23.74	/	/	<=33	Pass	
		Inner_Full	19.09	/	/	23.89	/	/	<=33	Pass	
		Inner_1RB_Left	18.84	/	/	23.64	/	/	<=33	Pass	
		Inner_1RB_Right	18.80	/	/	23.60	/	/	<=33	Pass	
CP-OFDM QPSK	2520	Edge_1RB_Left	20.42	/	/	25.22	/	/	<=33	Pass	
		Edge_1RB_Right	20.18	/	/	24.98	/	/	<=33	Pass	
		Outer_Full	20.53	/	/	25.33	/	/	<=33	Pass	
		Inner_Full	22.22	/	/	27.02	/	/	<=33	Pass	
		Inner_1RB_Left	21.76	/	/	26.56	/	/	<=33	Pass	
		Inner_1RB_Right	21.77	/	/	26.57	/	/	<=33	Pass	
	2535	Edge_1RB_Left	20.23	/	/	25.03	/	/	<=33	Pass	
		Edge_1RB_Right	19.93	/	/	24.73	/	/	<=33	Pass	
		Outer_Full	20.48	/	/	25.28	/	/	<=33	Pass	
		Inner_Full	22.14	/	/	26.94	/	/	<=33	Pass	
		Inner_1RB_Left	21.62	/	/	26.42	/	/	<=33	Pass	
		Inner_1RB_Right	21.59	/	/	26.39	/	/	<=33	Pass	
	2550	Edge_1RB_Left	20.12	/	/	24.92	/	/	<=33	Pass	
		Edge_1RB_Right	20.16	/	/	24.96	/	/	<=33	Pass	
		Outer_Full	20.45	/	/	25.25	/	/	<=33	Pass	
		Inner_Full	22.13	/	/	26.93	/	/	<=33	Pass	
		Inner_1RB_Left	21.74	/	/	26.54	/	/	<=33	Pass	
		Inner_1RB_Right	21.67	/	/	26.47	/	/	<=33	Pass	
	CP-OFDM 16 QAM	2520	Edge_1RB_Left	20.44	/	/	25.24	/	/	<=33	Pass
			Edge_1RB_Right	20.45	/	/	25.25	/	/	<=33	Pass
			Outer_Full	20.48	/	/	25.28	/	/	<=33	Pass
Inner_Full			21.80	/	/	26.60	/	/	<=33	Pass	
Inner_1RB_Left			21.47	/	/	26.27	/	/	<=33	Pass	
Inner_1RB_Right			21.43	/	/	26.23	/	/	<=33	Pass	
2535		Edge_1RB_Left	20.29	/	/	25.09	/	/	<=33	Pass	
		Edge_1RB_Right	20.19	/	/	24.99	/	/	<=33	Pass	
		Outer_Full	20.46	/	/	25.26	/	/	<=33	Pass	
		Inner_Full	21.64	/	/	26.44	/	/	<=33	Pass	
		Inner_1RB_Left	21.30	/	/	26.10	/	/	<=33	Pass	
		Inner_1RB_Right	21.31	/	/	26.11	/	/	<=33	Pass	
2550		Edge_1RB_Left	20.42	/	/	25.22	/	/	<=33	Pass	
		Edge_1RB_Right	20.34	/	/	25.14	/	/	<=33	Pass	
		Outer_Full	20.45	/	/	25.25	/	/	<=33	Pass	
		Inner_Full	21.69	/	/	26.49	/	/	<=33	Pass	
		Inner_1RB_Left	21.44	/	/	26.24	/	/	<=33	Pass	
		Inner_1RB_Right	21.40	/	/	26.20	/	/	<=33	Pass	
CP-OFDM 64 QAM	2520	Edge_1RB_Left	19.89	/	/	24.69	/	/	<=33	Pass	
		Edge_1RB_Right	19.89	/	/	24.69	/	/	<=33	Pass	
		Outer_Full	20.00	/	/	24.80	/	/	<=33	Pass	
		Inner_Full	20.22	/	/	25.02	/	/	<=33	Pass	
		Inner_1RB_Left	19.93	/	/	24.73	/	/	<=33	Pass	
		Inner_1RB_Right	20.02	/	/	24.82	/	/	<=33	Pass	
	2535	Edge_1RB_Left	19.81	/	/	24.61	/	/	<=33	Pass	
		Edge_1RB_Right	19.88	/	/	24.68	/	/	<=33	Pass	
		Outer_Full	20.02	/	/	24.82	/	/	<=33	Pass	



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		Inner_Full	20.13	/	/	24.93	/	/	<=33	Pass
		Inner_1RB_Left	19.71	/	/	24.51	/	/	<=33	Pass
		Inner_1RB_Right	19.84	/	/	24.64	/	/	<=33	Pass
	2550	Edge_1RB_Left	19.78	/	/	24.58	/	/	<=33	Pass
		Edge_1RB_Right	19.69	/	/	24.49	/	/	<=33	Pass
		Outer_Full	19.93	/	/	24.73	/	/	<=33	Pass
		Inner_Full	20.08	/	/	24.88	/	/	<=33	Pass
		Inner_1RB_Left	19.85	/	/	24.65	/	/	<=33	Pass
		Inner_1RB_Right	19.83	/	/	24.63	/	/	<=33	Pass
CP-OFDM 256 QAM	2520	Edge_1RB_Left	16.88	/	/	21.68	/	/	<=33	Pass
		Edge_1RB_Right	16.95	/	/	21.75	/	/	<=33	Pass
		Outer_Full	17.02	/	/	21.82	/	/	<=33	Pass
		Inner_Full	17.21	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Left	16.96	/	/	21.76	/	/	<=33	Pass
		Inner_1RB_Right	17.02	/	/	21.82	/	/	<=33	Pass
	2535	Edge_1RB_Left	16.83	/	/	21.63	/	/	<=33	Pass
		Edge_1RB_Right	16.71	/	/	21.51	/	/	<=33	Pass
		Outer_Full	16.97	/	/	21.77	/	/	<=33	Pass
		Inner_Full	17.10	/	/	21.90	/	/	<=33	Pass
		Inner_1RB_Left	16.95	/	/	21.75	/	/	<=33	Pass
		Inner_1RB_Right	16.85	/	/	21.65	/	/	<=33	Pass
	2550	Edge_1RB_Left	16.89	/	/	21.69	/	/	<=33	Pass
		Edge_1RB_Right	16.83	/	/	21.63	/	/	<=33	Pass
		Outer_Full	16.97	/	/	21.77	/	/	<=33	Pass
		Inner_Full	17.05	/	/	21.85	/	/	<=33	Pass
		Inner_1RB_Left	16.89	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Right	16.89	/	/	21.69	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 4.80dBi; Note2: EIRP=Conducted Power+Antenna Gain										

3.8 15k_SISO_50MHz_NTNV_EIRP

3.8.1 Test Result

5G NR n7 SCS=15kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2525	Edge_1RB_Left	23.08	/	/	27.88	/	/	<=33	Pass
		Edge_1RB_Right	23.15	/	/	27.95	/	/	<=33	Pass
		Outer_Full	23.11	/	/	27.91	/	/	<=33	Pass
		Inner_Full	23.65	/	/	28.45	/	/	<=33	Pass
		Inner_1RB_Left	23.61	/	/	28.41	/	/	<=33	Pass
		Inner_1RB_Right	23.61	/	/	28.41	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.06	/	/	27.86	/	/	<=33	Pass
		Edge_1RB_Right	23.02	/	/	27.82	/	/	<=33	Pass
		Outer_Full	23.11	/	/	27.91	/	/	<=33	Pass
		Inner_Full	23.61	/	/	28.41	/	/	<=33	Pass
		Inner_1RB_Left	23.60	/	/	28.40	/	/	<=33	Pass
		Inner_1RB_Right	23.52	/	/	28.32	/	/	<=33	Pass
	2545	Edge_1RB_Left	23.07	/	/	27.87	/	/	<=33	Pass
		Edge_1RB_Right	22.97	/	/	27.77	/	/	<=33	Pass
		Outer_Full	23.05	/	/	27.85	/	/	<=33	Pass



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		Inner_Full	23.61	/	/	28.41	/	/	<=33	Pass
		Inner_1RB_Left	23.52	/	/	28.32	/	/	<=33	Pass
		Inner_1RB_Right	23.51	/	/	28.31	/	/	<=33	Pass
DFT-s-OFDM QPSK	2525	Edge_1RB_Left	22.46	/	/	27.26	/	/	<=33	Pass
		Edge_1RB_Right	22.62	/	/	27.42	/	/	<=33	Pass
		Outer_Full	22.59	/	/	27.39	/	/	<=33	Pass
		Inner_Full	23.63	/	/	28.43	/	/	<=33	Pass
		Inner_1RB_Left	23.53	/	/	28.33	/	/	<=33	Pass
		Inner_1RB_Right	23.60	/	/	28.40	/	/	<=33	Pass
		Edge_1RB_Left	22.49	/	/	27.29	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	27.31	/	/	<=33	Pass
	2535	Outer_Full	22.62	/	/	27.42	/	/	<=33	Pass
		Inner_Full	23.64	/	/	28.44	/	/	<=33	Pass
		Inner_1RB_Left	23.53	/	/	28.33	/	/	<=33	Pass
		Inner_1RB_Right	23.48	/	/	28.28	/	/	<=33	Pass
		Edge_1RB_Left	22.42	/	/	27.22	/	/	<=33	Pass
		Edge_1RB_Right	22.44	/	/	27.24	/	/	<=33	Pass
	2545	Outer_Full	22.57	/	/	27.37	/	/	<=33	Pass
		Inner_Full	23.59	/	/	28.39	/	/	<=33	Pass
		Inner_1RB_Left	23.57	/	/	28.37	/	/	<=33	Pass
		Inner_1RB_Right	23.45	/	/	28.25	/	/	<=33	Pass
Edge_1RB_Left		21.58	/	/	26.38	/	/	<=33	Pass	
Edge_1RB_Right		21.69	/	/	26.49	/	/	<=33	Pass	
DFT-s-OFDM 16 QAM	2525	Outer_Full	21.57	/	/	26.37	/	/	<=33	Pass
		Inner_Full	22.66	/	/	27.46	/	/	<=33	Pass
		Inner_1RB_Left	22.60	/	/	27.40	/	/	<=33	Pass
		Inner_1RB_Right	22.67	/	/	27.47	/	/	<=33	Pass
		Edge_1RB_Left	21.63	/	/	26.43	/	/	<=33	Pass
		Edge_1RB_Right	21.49	/	/	26.29	/	/	<=33	Pass
	2535	Outer_Full	21.56	/	/	26.36	/	/	<=33	Pass
		Inner_Full	22.69	/	/	27.49	/	/	<=33	Pass
		Inner_1RB_Left	22.63	/	/	27.43	/	/	<=33	Pass
		Inner_1RB_Right	22.56	/	/	27.36	/	/	<=33	Pass
		Edge_1RB_Left	21.60	/	/	26.40	/	/	<=33	Pass
		Edge_1RB_Right	21.54	/	/	26.34	/	/	<=33	Pass
	2545	Outer_Full	21.56	/	/	26.36	/	/	<=33	Pass
		Inner_Full	22.61	/	/	27.41	/	/	<=33	Pass
		Inner_1RB_Left	22.64	/	/	27.44	/	/	<=33	Pass
		Inner_1RB_Right	22.54	/	/	27.34	/	/	<=33	Pass
		Edge_1RB_Left	20.94	/	/	25.74	/	/	<=33	Pass
		Edge_1RB_Right	20.97	/	/	25.77	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2525	Outer_Full	21.07	/	/	25.87	/	/	<=33	Pass
		Inner_Full	21.21	/	/	26.01	/	/	<=33	Pass
		Inner_1RB_Left	20.92	/	/	25.72	/	/	<=33	Pass
		Inner_1RB_Right	20.93	/	/	25.73	/	/	<=33	Pass
		Edge_1RB_Left	20.93	/	/	25.73	/	/	<=33	Pass
		Edge_1RB_Right	20.86	/	/	25.66	/	/	<=33	Pass
	2535	Outer_Full	21.11	/	/	25.91	/	/	<=33	Pass
		Inner_Full	21.21	/	/	26.01	/	/	<=33	Pass
		Inner_1RB_Left	21.04	/	/	25.84	/	/	<=33	Pass
		Inner_1RB_Right	20.81	/	/	25.61	/	/	<=33	Pass
		Edge_1RB_Left	21.02	/	/	25.82	/	/	<=33	Pass
		Edge_1RB_Right	20.98	/	/	25.78	/	/	<=33	Pass
2545	Outer_Full	21.02	/	/	25.82	/	/	<=33	Pass	



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		Inner_Full	21.16	/	/	25.96	/	/	<=33	Pass
		Inner_1RB_Left	20.92	/	/	25.72	/	/	<=33	Pass
		Inner_1RB_Right	20.99	/	/	25.79	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2525	Edge_1RB_Left	19.02	/	/	23.82	/	/	<=33	Pass
		Edge_1RB_Right	19.24	/	/	24.04	/	/	<=33	Pass
		Outer_Full	19.08	/	/	23.88	/	/	<=33	Pass
		Inner_Full	19.16	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Left	19.20	/	/	24.00	/	/	<=33	Pass
		Inner_1RB_Right	19.21	/	/	24.01	/	/	<=33	Pass
		Edge_1RB_Left	19.26	/	/	24.06	/	/	<=33	Pass
		Edge_1RB_Right	18.90	/	/	23.70	/	/	<=33	Pass
	2535	Outer_Full	19.12	/	/	23.92	/	/	<=33	Pass
		Inner_Full	19.15	/	/	23.95	/	/	<=33	Pass
		Inner_1RB_Left	19.22	/	/	24.02	/	/	<=33	Pass
		Inner_1RB_Right	19.17	/	/	23.97	/	/	<=33	Pass
		Edge_1RB_Left	19.19	/	/	23.99	/	/	<=33	Pass
		Edge_1RB_Right	19.15	/	/	23.95	/	/	<=33	Pass
	2545	Outer_Full	19.08	/	/	23.88	/	/	<=33	Pass
		Inner_Full	19.11	/	/	23.91	/	/	<=33	Pass
		Inner_1RB_Left	19.22	/	/	24.02	/	/	<=33	Pass
		Inner_1RB_Right	18.93	/	/	23.73	/	/	<=33	Pass
Edge_1RB_Left		20.54	/	/	25.34	/	/	<=33	Pass	
Edge_1RB_Right		20.56	/	/	25.36	/	/	<=33	Pass	
CP-OFDM QPSK	2525	Outer_Full	20.55	/	/	25.35	/	/	<=33	Pass
		Inner_Full	22.13	/	/	26.93	/	/	<=33	Pass
		Inner_1RB_Left	22.08	/	/	26.88	/	/	<=33	Pass
		Inner_1RB_Right	22.08	/	/	26.88	/	/	<=33	Pass
		Edge_1RB_Left	20.54	/	/	25.34	/	/	<=33	Pass
		Edge_1RB_Right	20.46	/	/	25.26	/	/	<=33	Pass
	2535	Outer_Full	20.60	/	/	25.40	/	/	<=33	Pass
		Inner_Full	22.18	/	/	26.98	/	/	<=33	Pass
		Inner_1RB_Left	22.05	/	/	26.85	/	/	<=33	Pass
		Inner_1RB_Right	22.02	/	/	26.82	/	/	<=33	Pass
		Edge_1RB_Left	20.59	/	/	25.39	/	/	<=33	Pass
		Edge_1RB_Right	20.58	/	/	25.38	/	/	<=33	Pass
	2545	Outer_Full	20.84	/	/	25.64	/	/	<=33	Pass
		Inner_Full	21.82	/	/	26.62	/	/	<=33	Pass
		Inner_1RB_Left	22.04	/	/	26.84	/	/	<=33	Pass
		Inner_1RB_Right	22.07	/	/	26.87	/	/	<=33	Pass
		Edge_1RB_Left	20.68	/	/	25.48	/	/	<=33	Pass
		Edge_1RB_Right	20.82	/	/	25.62	/	/	<=33	Pass
CP-OFDM 16 QAM	2525	Outer_Full	20.53	/	/	25.33	/	/	<=33	Pass
		Inner_Full	21.59	/	/	26.39	/	/	<=33	Pass
		Inner_1RB_Left	21.70	/	/	26.50	/	/	<=33	Pass
		Inner_1RB_Right	21.72	/	/	26.52	/	/	<=33	Pass
		Edge_1RB_Left	20.67	/	/	25.47	/	/	<=33	Pass
		Edge_1RB_Right	20.58	/	/	25.38	/	/	<=33	Pass
	2535	Outer_Full	20.57	/	/	25.37	/	/	<=33	Pass
		Inner_Full	21.62	/	/	26.42	/	/	<=33	Pass
		Inner_1RB_Left	21.71	/	/	26.51	/	/	<=33	Pass
		Inner_1RB_Right	21.59	/	/	26.39	/	/	<=33	Pass
		Edge_1RB_Left	20.58	/	/	25.38	/	/	<=33	Pass
		Edge_1RB_Right	20.76	/	/	25.56	/	/	<=33	Pass
2545	Outer_Full	20.54	/	/	25.34	/	/	<=33	Pass	



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		Inner_Full	21.32	/	/	26.12	/	/	<=33	Pass	
		Inner_1RB_Left	21.58	/	/	26.38	/	/	<=33	Pass	
		Inner_1RB_Right	21.63	/	/	26.43	/	/	<=33	Pass	
CP-OFDM 64 QAM	2525	Edge_1RB_Left	20.04	/	/	24.84	/	/	<=33	Pass	
		Edge_1RB_Right	20.21	/	/	25.01	/	/	<=33	Pass	
		Outer_Full	20.10	/	/	24.90	/	/	<=33	Pass	
		Inner_Full	20.11	/	/	24.91	/	/	<=33	Pass	
		Inner_1RB_Left	20.05	/	/	24.85	/	/	<=33	Pass	
		Inner_1RB_Right	20.24	/	/	25.04	/	/	<=33	Pass	
		2535	Edge_1RB_Left	20.17	/	/	24.97	/	/	<=33	Pass
			Edge_1RB_Right	20.11	/	/	24.91	/	/	<=33	Pass
	Outer_Full		20.05	/	/	24.85	/	/	<=33	Pass	
	Inner_Full		20.13	/	/	24.93	/	/	<=33	Pass	
	Inner_1RB_Left		20.05	/	/	24.85	/	/	<=33	Pass	
	Inner_1RB_Right		20.06	/	/	24.86	/	/	<=33	Pass	
	2545	Edge_1RB_Left	20.25	/	/	25.05	/	/	<=33	Pass	
		Edge_1RB_Right	20.26	/	/	25.06	/	/	<=33	Pass	
		Outer_Full	20.37	/	/	25.17	/	/	<=33	Pass	
		Inner_Full	20.41	/	/	25.21	/	/	<=33	Pass	
		Inner_1RB_Left	20.28	/	/	25.08	/	/	<=33	Pass	
		Inner_1RB_Right	20.28	/	/	25.08	/	/	<=33	Pass	
CP-OFDM 256 QAM	2525	Edge_1RB_Left	17.16	/	/	21.96	/	/	<=33	Pass	
		Edge_1RB_Right	17.25	/	/	22.05	/	/	<=33	Pass	
		Outer_Full	17.11	/	/	21.91	/	/	<=33	Pass	
		Inner_Full	17.17	/	/	21.97	/	/	<=33	Pass	
		Inner_1RB_Left	17.13	/	/	21.93	/	/	<=33	Pass	
		Inner_1RB_Right	17.16	/	/	21.96	/	/	<=33	Pass	
	2535	Edge_1RB_Left	17.22	/	/	22.02	/	/	<=33	Pass	
		Edge_1RB_Right	17.07	/	/	21.87	/	/	<=33	Pass	
		Outer_Full	17.13	/	/	21.93	/	/	<=33	Pass	
		Inner_Full	17.19	/	/	21.99	/	/	<=33	Pass	
		Inner_1RB_Left	17.17	/	/	21.97	/	/	<=33	Pass	
		Inner_1RB_Right	17.16	/	/	21.96	/	/	<=33	Pass	
	2545	Edge_1RB_Left	23.54	/	/	28.34	/	/	<=33	Pass	
		Edge_1RB_Right	23.52	/	/	28.32	/	/	<=33	Pass	
		Outer_Full	23.30	/	/	28.10	/	/	<=33	Pass	
		Inner_Full	23.40	/	/	28.20	/	/	<=33	Pass	
		Inner_1RB_Left	23.52	/	/	28.32	/	/	<=33	Pass	
		Inner_1RB_Right	23.46	/	/	28.26	/	/	<=33	Pass	
Note1: Antenna Gain: Ant1: 4.80dBi; Note2: EIRP=Conducted Power+Antenna Gain											

3.9 30k_SISO_10MHz_NTNV_EIRP

3.9.1 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	23.18	/	/	27.98	/	/	<=33	Pass
		Edge_1RB_Right	23.27	/	/	28.07	/	/	<=33	Pass
		Outer_Full	23.27	/	/	28.07	/	/	<=33	Pass



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	2535	Inner_Full	23.74	/	/	28.54	/	/	<=33	Pass
		Inner_1RB_Left	23.68	/	/	28.48	/	/	<=33	Pass
		Inner_1RB_Right	23.71	/	/	28.51	/	/	<=33	Pass
		Edge_1RB_Left	23.34	/	/	28.14	/	/	<=33	Pass
		Edge_1RB_Right	23.18	/	/	27.98	/	/	<=33	Pass
		Outer_Full	23.26	/	/	28.06	/	/	<=33	Pass
		Inner_Full	23.80	/	/	28.60	/	/	<=33	Pass
		Inner_1RB_Left	23.81	/	/	28.61	/	/	<=33	Pass
		Inner_1RB_Right	23.65	/	/	28.45	/	/	<=33	Pass
	2565	Edge_1RB_Left	23.06	/	/	27.86	/	/	<=33	Pass
		Edge_1RB_Right	23.13	/	/	27.93	/	/	<=33	Pass
		Outer_Full	23.15	/	/	27.95	/	/	<=33	Pass
		Inner_Full	23.63	/	/	28.43	/	/	<=33	Pass
		Inner_1RB_Left	23.61	/	/	28.41	/	/	<=33	Pass
		Inner_1RB_Right	23.65	/	/	28.45	/	/	<=33	Pass
DFT-s-OFDM QPSK	2505	Edge_1RB_Left	22.62	/	/	27.42	/	/	<=33	Pass
		Edge_1RB_Right	22.68	/	/	27.48	/	/	<=33	Pass
		Outer_Full	22.78	/	/	27.58	/	/	<=33	Pass
		Inner_Full	23.78	/	/	28.58	/	/	<=33	Pass
		Inner_1RB_Left	23.69	/	/	28.49	/	/	<=33	Pass
		Inner_1RB_Right	23.75	/	/	28.55	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.75	/	/	27.55	/	/	<=33	Pass
		Edge_1RB_Right	22.58	/	/	27.38	/	/	<=33	Pass
		Outer_Full	22.77	/	/	27.57	/	/	<=33	Pass
		Inner_Full	23.83	/	/	28.63	/	/	<=33	Pass
		Inner_1RB_Left	23.69	/	/	28.49	/	/	<=33	Pass
		Inner_1RB_Right	23.64	/	/	28.44	/	/	<=33	Pass
	2565	Edge_1RB_Left	22.54	/	/	27.34	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	27.43	/	/	<=33	Pass
		Outer_Full	22.63	/	/	27.43	/	/	<=33	Pass
Inner_Full		23.62	/	/	28.42	/	/	<=33	Pass	
Inner_1RB_Left		23.60	/	/	28.40	/	/	<=33	Pass	
Inner_1RB_Right		23.67	/	/	28.47	/	/	<=33	Pass	
DFT-s-OFDM 16 QAM	2505	Edge_1RB_Left	21.73	/	/	26.53	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	26.57	/	/	<=33	Pass
		Outer_Full	21.79	/	/	26.59	/	/	<=33	Pass
		Inner_Full	22.87	/	/	27.67	/	/	<=33	Pass
		Inner_1RB_Left	22.75	/	/	27.55	/	/	<=33	Pass
		Inner_1RB_Right	22.83	/	/	27.63	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.84	/	/	26.64	/	/	<=33	Pass
		Edge_1RB_Right	21.67	/	/	26.47	/	/	<=33	Pass
		Outer_Full	21.77	/	/	26.57	/	/	<=33	Pass
		Inner_Full	22.79	/	/	27.59	/	/	<=33	Pass
		Inner_1RB_Left	22.84	/	/	27.64	/	/	<=33	Pass
		Inner_1RB_Right	22.78	/	/	27.58	/	/	<=33	Pass
	2565	Edge_1RB_Left	21.49	/	/	26.29	/	/	<=33	Pass
		Edge_1RB_Right	21.54	/	/	26.34	/	/	<=33	Pass
		Outer_Full	21.64	/	/	26.44	/	/	<=33	Pass
Inner_Full		22.64	/	/	27.44	/	/	<=33	Pass	
Inner_1RB_Left		22.49	/	/	27.29	/	/	<=33	Pass	
Inner_1RB_Right		22.54	/	/	27.34	/	/	<=33	Pass	
DFT-s-OFDM 64 QAM	2505	Edge_1RB_Left	21.26	/	/	26.06	/	/	<=33	Pass
		Edge_1RB_Right	21.33	/	/	26.13	/	/	<=33	Pass
		Outer_Full	21.26	/	/	26.06	/	/	<=33	Pass



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	2535	Inner_Full	21.24	/	/	26.04	/	/	<=33	Pass
		Inner_1RB_Left	21.22	/	/	26.02	/	/	<=33	Pass
		Inner_1RB_Right	21.37	/	/	26.17	/	/	<=33	Pass
		Edge_1RB_Left	21.34	/	/	26.14	/	/	<=33	Pass
		Edge_1RB_Right	21.23	/	/	26.03	/	/	<=33	Pass
		Outer_Full	21.30	/	/	26.10	/	/	<=33	Pass
		Inner_Full	21.30	/	/	26.10	/	/	<=33	Pass
		Inner_1RB_Left	21.42	/	/	26.22	/	/	<=33	Pass
		Inner_1RB_Right	21.23	/	/	26.03	/	/	<=33	Pass
	2565	Edge_1RB_Left	21.19	/	/	25.99	/	/	<=33	Pass
		Edge_1RB_Right	21.22	/	/	26.02	/	/	<=33	Pass
		Outer_Full	21.11	/	/	25.91	/	/	<=33	Pass
		Inner_Full	21.10	/	/	25.90	/	/	<=33	Pass
		Inner_1RB_Left	21.15	/	/	25.95	/	/	<=33	Pass
		Inner_1RB_Right	21.21	/	/	26.01	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2505	Edge_1RB_Left	18.97	/	/	23.77	/	/	<=33	Pass
		Edge_1RB_Right	19.09	/	/	23.89	/	/	<=33	Pass
		Outer_Full	19.23	/	/	24.03	/	/	<=33	Pass
		Inner_Full	19.30	/	/	24.10	/	/	<=33	Pass
		Inner_1RB_Left	18.95	/	/	23.75	/	/	<=33	Pass
		Inner_1RB_Right	19.06	/	/	23.86	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.38	/	/	24.18	/	/	<=33	Pass
		Edge_1RB_Right	19.12	/	/	23.92	/	/	<=33	Pass
		Outer_Full	19.18	/	/	23.98	/	/	<=33	Pass
		Inner_Full	19.31	/	/	24.11	/	/	<=33	Pass
		Inner_1RB_Left	19.38	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Right	19.12	/	/	23.92	/	/	<=33	Pass
	2565	Edge_1RB_Left	19.04	/	/	23.84	/	/	<=33	Pass
		Edge_1RB_Right	19.18	/	/	23.98	/	/	<=33	Pass
		Outer_Full	19.08	/	/	23.88	/	/	<=33	Pass
		Inner_Full	19.12	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Left	19.12	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Right	19.07	/	/	23.87	/	/	<=33	Pass
CP-OFDM QPSK	2505	Edge_1RB_Left	20.62	/	/	25.42	/	/	<=33	Pass
		Edge_1RB_Right	20.71	/	/	25.51	/	/	<=33	Pass
		Outer_Full	20.77	/	/	25.57	/	/	<=33	Pass
		Inner_Full	22.28	/	/	27.08	/	/	<=33	Pass
		Inner_1RB_Left	22.30	/	/	27.10	/	/	<=33	Pass
		Inner_1RB_Right	22.22	/	/	27.02	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.93	/	/	25.73	/	/	<=33	Pass
		Edge_1RB_Right	20.70	/	/	25.50	/	/	<=33	Pass
		Outer_Full	20.74	/	/	25.54	/	/	<=33	Pass
		Inner_Full	22.25	/	/	27.05	/	/	<=33	Pass
		Inner_1RB_Left	22.32	/	/	27.12	/	/	<=33	Pass
		Inner_1RB_Right	22.19	/	/	26.99	/	/	<=33	Pass
	2565	Edge_1RB_Left	20.68	/	/	25.48	/	/	<=33	Pass
		Edge_1RB_Right	20.71	/	/	25.51	/	/	<=33	Pass
		Outer_Full	20.63	/	/	25.43	/	/	<=33	Pass
Inner_Full		22.12	/	/	26.92	/	/	<=33	Pass	
Inner_1RB_Left		22.12	/	/	26.92	/	/	<=33	Pass	
Inner_1RB_Right		22.12	/	/	26.92	/	/	<=33	Pass	
CP-OFDM 16 QAM	2505	Edge_1RB_Left	20.62	/	/	25.42	/	/	<=33	Pass
		Edge_1RB_Right	20.72	/	/	25.52	/	/	<=33	Pass
		Outer_Full	20.76	/	/	25.56	/	/	<=33	Pass



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CP-OFDM 64 QAM	2535	Inner Full	21.88	/	/	26.68	/	/	<=33	Pass
		Inner 1RB Left	21.64	/	/	26.44	/	/	<=33	Pass
		Inner 1RB Right	21.72	/	/	26.52	/	/	<=33	Pass
	2535	Edge 1RB Left	20.75	/	/	25.55	/	/	<=33	Pass
		Edge 1RB Right	20.63	/	/	25.43	/	/	<=33	Pass
		Outer Full	20.74	/	/	25.54	/	/	<=33	Pass
	2565	Inner Full	21.84	/	/	26.64	/	/	<=33	Pass
		Inner 1RB Left	21.71	/	/	26.51	/	/	<=33	Pass
		Inner 1RB Right	21.64	/	/	26.44	/	/	<=33	Pass
	2565	Edge 1RB Left	20.41	/	/	25.21	/	/	<=33	Pass
		Edge 1RB Right	20.48	/	/	25.28	/	/	<=33	Pass
		Outer Full	20.59	/	/	25.39	/	/	<=33	Pass
	2565	Inner Full	21.70	/	/	26.50	/	/	<=33	Pass
		Inner 1RB Left	21.45	/	/	26.25	/	/	<=33	Pass
		Inner 1RB Right	21.51	/	/	26.31	/	/	<=33	Pass
CP-OFDM 256 QAM	2505	Edge 1RB Left	20.21	/	/	25.01	/	/	<=33	Pass
		Edge 1RB Right	20.33	/	/	25.13	/	/	<=33	Pass
		Outer Full	20.29	/	/	25.09	/	/	<=33	Pass
	2535	Inner Full	20.30	/	/	25.10	/	/	<=33	Pass
		Inner 1RB Left	20.17	/	/	24.97	/	/	<=33	Pass
		Inner 1RB Right	20.34	/	/	25.14	/	/	<=33	Pass
	2565	Edge 1RB Left	20.25	/	/	25.05	/	/	<=33	Pass
		Edge 1RB Right	20.26	/	/	25.06	/	/	<=33	Pass
		Outer Full	20.24	/	/	25.04	/	/	<=33	Pass
	2565	Inner Full	20.36	/	/	25.16	/	/	<=33	Pass
		Inner 1RB Left	20.46	/	/	25.26	/	/	<=33	Pass
		Inner 1RB Right	20.23	/	/	25.03	/	/	<=33	Pass
	2565	Edge 1RB Left	20.05	/	/	24.85	/	/	<=33	Pass
		Edge 1RB Right	20.09	/	/	24.89	/	/	<=33	Pass
		Outer Full	20.06	/	/	24.86	/	/	<=33	Pass
CP-OFDM 256 QAM	2505	Inner Full	20.13	/	/	24.93	/	/	<=33	Pass
		Inner 1RB Left	20.10	/	/	24.90	/	/	<=33	Pass
		Inner 1RB Right	20.15	/	/	24.95	/	/	<=33	Pass
	2535	Edge 1RB Left	17.14	/	/	21.94	/	/	<=33	Pass
		Edge 1RB Right	17.21	/	/	22.01	/	/	<=33	Pass
		Outer Full	17.18	/	/	21.98	/	/	<=33	Pass
	2565	Inner Full	17.17	/	/	21.97	/	/	<=33	Pass
		Inner 1RB Left	17.20	/	/	22.00	/	/	<=33	Pass
		Inner 1RB Right	17.26	/	/	22.06	/	/	<=33	Pass
	2565	Edge 1RB Left	17.29	/	/	22.09	/	/	<=33	Pass
		Edge 1RB Right	17.18	/	/	21.98	/	/	<=33	Pass
		Outer Full	17.21	/	/	22.01	/	/	<=33	Pass
	2565	Inner Full	17.20	/	/	22.00	/	/	<=33	Pass
		Inner 1RB Left	17.27	/	/	22.07	/	/	<=33	Pass
		Inner 1RB Right	17.11	/	/	21.91	/	/	<=33	Pass
	2565	Edge 1RB Left	17.04	/	/	21.84	/	/	<=33	Pass
		Edge 1RB Right	17.12	/	/	21.92	/	/	<=33	Pass
		Outer Full	17.05	/	/	21.85	/	/	<=33	Pass
	2565	Inner Full	17.11	/	/	21.91	/	/	<=33	Pass
		Inner 1RB Left	17.10	/	/	21.90	/	/	<=33	Pass
		Inner 1RB Right	17.13	/	/	21.93	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 4.80dBi;

Note2: EIRP=Conducted Power+Antenna Gain



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3.10 30k SISO 15MHz NTNv EIRP

3.10.1 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	23.25	/	/	28.05	/	/	<=33	Pass
		Edge_1RB_Right	23.35	/	/	28.15	/	/	<=33	Pass
		Outer_Full	23.30	/	/	28.10	/	/	<=33	Pass
		Inner_Full	23.86	/	/	28.66	/	/	<=33	Pass
		Inner_1RB_Left	23.75	/	/	28.55	/	/	<=33	Pass
		Inner_1RB_Right	23.88	/	/	28.68	/	/	<=33	Pass
	2535	Edge_1RB_Left	23.23	/	/	28.03	/	/	<=33	Pass
		Edge_1RB_Right	23.15	/	/	27.95	/	/	<=33	Pass
		Outer_Full	23.19	/	/	27.99	/	/	<=33	Pass
		Inner_Full	23.76	/	/	28.56	/	/	<=33	Pass
		Inner_1RB_Left	23.68	/	/	28.48	/	/	<=33	Pass
		Inner_1RB_Right	23.66	/	/	28.46	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	23.19	/	/	27.99	/	/	<=33	Pass
		Edge_1RB_Right	23.26	/	/	28.06	/	/	<=33	Pass
		Outer_Full	23.31	/	/	28.11	/	/	<=33	Pass
		Inner_Full	23.81	/	/	28.61	/	/	<=33	Pass
		Inner_1RB_Left	23.76	/	/	28.56	/	/	<=33	Pass
		Inner_1RB_Right	23.77	/	/	28.57	/	/	<=33	Pass
DFT-s-OFDM QPSK	2507.5	Edge_1RB_Left	22.75	/	/	27.55	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	27.56	/	/	<=33	Pass
		Outer_Full	22.79	/	/	27.59	/	/	<=33	Pass
		Inner_Full	23.83	/	/	28.63	/	/	<=33	Pass
		Inner_1RB_Left	23.68	/	/	28.48	/	/	<=33	Pass
		Inner_1RB_Right	23.75	/	/	28.55	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.69	/	/	27.49	/	/	<=33	Pass
		Edge_1RB_Right	22.54	/	/	27.34	/	/	<=33	Pass
		Outer_Full	22.73	/	/	27.53	/	/	<=33	Pass
		Inner_Full	23.75	/	/	28.55	/	/	<=33	Pass
		Inner_1RB_Left	23.66	/	/	28.46	/	/	<=33	Pass
		Inner_1RB_Right	23.59	/	/	28.39	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.69	/	/	27.49	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	27.58	/	/	<=33	Pass
		Outer_Full	22.81	/	/	27.61	/	/	<=33	Pass
		Inner_Full	23.81	/	/	28.61	/	/	<=33	Pass
		Inner_1RB_Left	23.65	/	/	28.45	/	/	<=33	Pass
		Inner_1RB_Right	23.79	/	/	28.59	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2507.5	Edge_1RB_Left	21.64	/	/	26.44	/	/	<=33	Pass
		Edge_1RB_Right	21.72	/	/	26.52	/	/	<=33	Pass
		Outer_Full	21.81	/	/	26.61	/	/	<=33	Pass
		Inner_Full	22.84	/	/	27.64	/	/	<=33	Pass
		Inner_1RB_Left	22.64	/	/	27.44	/	/	<=33	Pass
		Inner_1RB_Right	22.74	/	/	27.54	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.60	/	/	26.40	/	/	<=33	Pass
		Edge_1RB_Right	21.66	/	/	26.46	/	/	<=33	Pass
		Outer_Full	21.71	/	/	26.51	/	/	<=33	Pass
		Inner_Full	22.83	/	/	27.63	/	/	<=33	Pass



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