



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

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1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_20MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 20MHz 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	2506.02	Edge_1RB_Left	22.86	/	/	24.10	/	/	<=33	Pass
		Edge_1RB_Right	22.82	/	/	24.06	/	/	<=33	Pass
		Outer_Full	25.95	/	/	27.19	/	/	<=33	Pass
		Inner_Full	26.44	/	/	27.68	/	/	<=33	Pass
		Inner_1RB_Left	26.16	/	/	27.40	/	/	<=33	Pass
		Inner_1RB_Right	26.31	/	/	27.55	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.98	/	/	23.22	/	/	<=33	Pass
		Edge_1RB_Right	22.00	/	/	23.24	/	/	<=33	Pass
		Outer_Full	24.93	/	/	26.17	/	/	<=33	Pass
		Inner_Full	25.42	/	/	26.66	/	/	<=33	Pass
		Inner_1RB_Left	25.52	/	/	26.76	/	/	<=33	Pass
		Inner_1RB_Right	25.52	/	/	26.76	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	22.35	/	/	23.59	/	/	<=33	Pass
		Edge_1RB_Right	22.44	/	/	23.68	/	/	<=33	Pass
		Outer_Full	25.39	/	/	26.63	/	/	<=33	Pass
		Inner_Full	25.86	/	/	27.10	/	/	<=33	Pass
		Inner_1RB_Left	25.88	/	/	27.12	/	/	<=33	Pass
		Inner_1RB_Right	26.00	/	/	27.24	/	/	<=33	Pass
DFT-s-OFDM QPSK	2506.02	Edge_1RB_Left	22.86	/	/	24.10	/	/	<=33	Pass
		Edge_1RB_Right	22.78	/	/	24.02	/	/	<=33	Pass
		Outer_Full	25.45	/	/	26.69	/	/	<=33	Pass
		Inner_Full	26.40	/	/	27.64	/	/	<=33	Pass
		Inner_1RB_Left	25.96	/	/	27.20	/	/	<=33	Pass
		Inner_1RB_Right	26.33	/	/	27.57	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.99	/	/	23.23	/	/	<=33	Pass
		Edge_1RB_Right	21.98	/	/	23.22	/	/	<=33	Pass
		Outer_Full	24.42	/	/	25.66	/	/	<=33	Pass
		Inner_Full	25.43	/	/	26.67	/	/	<=33	Pass
		Inner_1RB_Left	25.46	/	/	26.70	/	/	<=33	Pass
		Inner_1RB_Right	25.55	/	/	26.79	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	22.36	/	/	23.60	/	/	<=33	Pass
		Edge_1RB_Right	22.45	/	/	23.69	/	/	<=33	Pass
		Outer_Full	24.92	/	/	26.16	/	/	<=33	Pass
		Inner_Full	25.89	/	/	27.13	/	/	<=33	Pass
		Inner_1RB_Left	25.91	/	/	27.15	/	/	<=33	Pass
		Inner_1RB_Right	25.98	/	/	27.22	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2506.02	Edge_1RB_Left	23.10	/	/	24.34	/	/	<=33	Pass
		Edge_1RB_Right	23.02	/	/	24.26	/	/	<=33	Pass
		Outer_Full	24.41	/	/	25.65	/	/	<=33	Pass
		Inner_Full	25.42	/	/	26.66	/	/	<=33	Pass
		Inner_1RB_Left	25.32	/	/	26.56	/	/	<=33	Pass



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	2592.99	Inner 1RB Right	25.47	/	/	26.71	/	/	<=33	Pass
		Edge 1RB Left	22.30	/	/	23.54	/	/	<=33	Pass
		Edge 1RB Right	22.28	/	/	23.52	/	/	<=33	Pass
		Outer Full	23.46	/	/	24.70	/	/	<=33	Pass
		Inner Full	24.44	/	/	25.68	/	/	<=33	Pass
		Inner 1RB Left	24.63	/	/	25.87	/	/	<=33	Pass
		Inner 1RB Right	24.71	/	/	25.95	/	/	<=33	Pass
	2679.99	Edge 1RB Left	22.70	/	/	23.94	/	/	<=33	Pass
		Edge 1RB Right	22.80	/	/	24.04	/	/	<=33	Pass
		Outer Full	23.83	/	/	25.07	/	/	<=33	Pass
		Inner Full	24.86	/	/	26.10	/	/	<=33	Pass
		Inner 1RB Left	25.05	/	/	26.29	/	/	<=33	Pass
		Inner 1RB Right	25.11	/	/	26.35	/	/	<=33	Pass
		Edge 1RB Left	22.66	/	/	23.90	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2506.02	Edge 1RB Right	22.68	/	/	23.92	/	/	<=33	Pass
		Outer Full	23.94	/	/	25.18	/	/	<=33	Pass
		Inner Full	23.93	/	/	25.17	/	/	<=33	Pass
		Inner 1RB Left	23.70	/	/	24.94	/	/	<=33	Pass
		Inner 1RB Right	23.61	/	/	24.85	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.85	/	/	23.09	/	/	<=33	Pass
		Edge 1RB Right	21.88	/	/	23.12	/	/	<=33	Pass
		Outer Full	23.00	/	/	24.24	/	/	<=33	Pass
		Inner Full	22.98	/	/	24.22	/	/	<=33	Pass
		Inner 1RB Left	22.86	/	/	24.10	/	/	<=33	Pass
		Inner 1RB Right	22.89	/	/	24.13	/	/	<=33	Pass
	2679.99	Edge 1RB Left	22.20	/	/	23.44	/	/	<=33	Pass
		Edge 1RB Right	22.32	/	/	23.56	/	/	<=33	Pass
		Outer Full	23.36	/	/	24.60	/	/	<=33	Pass
		Inner Full	23.29	/	/	24.53	/	/	<=33	Pass
		Inner 1RB Left	23.19	/	/	24.43	/	/	<=33	Pass
		Inner 1RB Right	23.31	/	/	24.55	/	/	<=33	Pass
		Edge 1RB Left	21.86	/	/	23.10	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2506.02	Edge 1RB Right	21.63	/	/	22.87	/	/	<=33	Pass
		Outer Full	21.91	/	/	23.15	/	/	<=33	Pass
		Inner Full	21.91	/	/	23.15	/	/	<=33	Pass
		Inner 1RB Left	21.75	/	/	22.99	/	/	<=33	Pass
		Inner 1RB Right	21.66	/	/	22.90	/	/	<=33	Pass
	2592.99	Edge 1RB Left	20.85	/	/	22.09	/	/	<=33	Pass
		Edge 1RB Right	20.87	/	/	22.11	/	/	<=33	Pass
		Outer Full	20.97	/	/	22.21	/	/	<=33	Pass
		Inner Full	20.91	/	/	22.15	/	/	<=33	Pass
		Inner 1RB Left	20.87	/	/	22.11	/	/	<=33	Pass
		Inner 1RB Right	20.93	/	/	22.17	/	/	<=33	Pass
	2679.99	Edge 1RB Left	21.26	/	/	22.50	/	/	<=33	Pass
		Edge 1RB Right	21.37	/	/	22.61	/	/	<=33	Pass
		Outer Full	21.28	/	/	22.52	/	/	<=33	Pass
		Inner Full	21.27	/	/	22.51	/	/	<=33	Pass
		Inner 1RB Left	21.29	/	/	22.53	/	/	<=33	Pass
		Inner 1RB Right	21.39	/	/	22.63	/	/	<=33	Pass
		Edge 1RB Left	22.87	/	/	24.11	/	/	<=33	Pass
CP-OFDM QPSK	2506.02	Edge 1RB Right	22.89	/	/	24.13	/	/	<=33	Pass

		Outer_Full	23.46	/	/	24.70	/	/	<=33	Pass	
		Inner_Full	24.96	/	/	26.20	/	/	<=33	Pass	
		Inner_1RB_Left	24.53	/	/	25.77	/	/	<=33	Pass	
		Inner_1RB_Right	24.87	/	/	26.11	/	/	<=33	Pass	
	2592.99	Edge_1RB_Left	22.03	/	/	23.27	/	/	<=33	Pass	
		Edge_1RB_Right	21.99	/	/	23.23	/	/	<=33	Pass	
		Outer_Full	22.39	/	/	23.63	/	/	<=33	Pass	
		Inner_Full	23.90	/	/	25.14	/	/	<=33	Pass	
	2679.99	Inner_1RB_Left	23.97	/	/	25.21	/	/	<=33	Pass	
		Inner_1RB_Right	24.15	/	/	25.39	/	/	<=33	Pass	
		Edge_1RB_Left	22.36	/	/	23.60	/	/	<=33	Pass	
		Edge_1RB_Right	22.55	/	/	23.79	/	/	<=33	Pass	
	CP-OFDM 16 QAM	2506.02	Outer_Full	22.90	/	/	24.14	/	/	<=33	Pass
			Inner_Full	24.28	/	/	25.52	/	/	<=33	Pass
			Inner_1RB_Left	24.44	/	/	25.68	/	/	<=33	Pass
			Inner_1RB_Right	24.71	/	/	25.95	/	/	<=33	Pass
			Edge_1RB_Left	22.94	/	/	24.18	/	/	<=33	Pass
			Edge_1RB_Right	22.97	/	/	24.21	/	/	<=33	Pass
2592.99		Outer_Full	23.44	/	/	24.68	/	/	<=33	Pass	
		Inner_Full	24.51	/	/	25.75	/	/	<=33	Pass	
		Inner_1RB_Left	24.29	/	/	25.53	/	/	<=33	Pass	
		Inner_1RB_Right	24.63	/	/	25.87	/	/	<=33	Pass	
		Edge_1RB_Left	22.11	/	/	23.35	/	/	<=33	Pass	
		Edge_1RB_Right	22.20	/	/	23.44	/	/	<=33	Pass	
2679.99		Outer_Full	22.43	/	/	23.67	/	/	<=33	Pass	
		Inner_Full	23.50	/	/	24.74	/	/	<=33	Pass	
		Inner_1RB_Left	23.69	/	/	24.93	/	/	<=33	Pass	
		Inner_1RB_Right	23.68	/	/	24.92	/	/	<=33	Pass	
		Edge_1RB_Left	22.51	/	/	23.75	/	/	<=33	Pass	
		Edge_1RB_Right	22.66	/	/	23.90	/	/	<=33	Pass	
CP-OFDM 64 QAM	2506.02	Outer_Full	22.89	/	/	24.13	/	/	<=33	Pass	
		Inner_Full	23.85	/	/	25.09	/	/	<=33	Pass	
		Inner_1RB_Left	24.03	/	/	25.27	/	/	<=33	Pass	
		Inner_1RB_Right	24.27	/	/	25.51	/	/	<=33	Pass	
		Edge_1RB_Left	22.93	/	/	24.17	/	/	<=33	Pass	
		Edge_1RB_Right	22.86	/	/	24.10	/	/	<=33	Pass	
	2592.99	Outer_Full	22.98	/	/	24.22	/	/	<=33	Pass	
		Inner_Full	22.99	/	/	24.23	/	/	<=33	Pass	
		Inner_1RB_Left	22.91	/	/	24.15	/	/	<=33	Pass	
		Inner_1RB_Right	22.84	/	/	24.08	/	/	<=33	Pass	
		Edge_1RB_Left	21.92	/	/	23.16	/	/	<=33	Pass	
		Edge_1RB_Right	22.05	/	/	23.29	/	/	<=33	Pass	
	2679.99	Outer_Full	21.97	/	/	23.21	/	/	<=33	Pass	
		Inner_Full	21.95	/	/	23.19	/	/	<=33	Pass	
		Inner_1RB_Left	22.03	/	/	23.27	/	/	<=33	Pass	
		Inner_1RB_Right	22.04	/	/	23.28	/	/	<=33	Pass	
		Edge_1RB_Left	22.34	/	/	23.58	/	/	<=33	Pass	
		Edge_1RB_Right	22.45	/	/	23.69	/	/	<=33	Pass	



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		Inner_1RB_Right	22.52	/	/	23.76	/	/	<=33	Pass
CP-OFDM 256 QAM	2506.02	Edge_1RB_Left	19.81	/	/	21.05	/	/	<=33	Pass
		Edge_1RB_Right	19.74	/	/	20.98	/	/	<=33	Pass
		Outer_Full	19.95	/	/	21.19	/	/	<=33	Pass
		Inner_Full	19.89	/	/	21.13	/	/	<=33	Pass
		Inner_1RB_Left	19.82	/	/	21.06	/	/	<=33	Pass
		Inner_1RB_Right	19.72	/	/	20.96	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.94	/	/	20.18	/	/	<=33	Pass
		Edge_1RB_Right	19.00	/	/	20.24	/	/	<=33	Pass
		Outer_Full	18.90	/	/	20.14	/	/	<=33	Pass
		Inner_Full	18.89	/	/	20.13	/	/	<=33	Pass
		Inner_1RB_Left	18.93	/	/	20.17	/	/	<=33	Pass
		Inner_1RB_Right	18.94	/	/	20.18	/	/	<=33	Pass
	2679.99	Edge_1RB_Left	19.30	/	/	20.54	/	/	<=33	Pass
		Edge_1RB_Right	19.39	/	/	20.63	/	/	<=33	Pass
		Outer_Full	19.40	/	/	20.64	/	/	<=33	Pass
		Inner_Full	19.36	/	/	20.60	/	/	<=33	Pass
		Inner_1RB_Left	19.29	/	/	20.53	/	/	<=33	Pass
		Inner_1RB_Right	19.43	/	/	20.67	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 1.24dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_30MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2511	Edge_1RB_Left	23.05	/	/	24.29	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	23.95	/	/	<=33	Pass
		Outer_Full	25.90	/	/	27.14	/	/	<=33	Pass
		Inner_Full	26.39	/	/	27.63	/	/	<=33	Pass
		Inner_1RB_Left	26.04	/	/	27.28	/	/	<=33	Pass
		Inner_1RB_Right	26.25	/	/	27.49	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.23	/	/	23.47	/	/	<=33	Pass
		Edge_1RB_Right	22.21	/	/	23.45	/	/	<=33	Pass
		Outer_Full	25.09	/	/	26.33	/	/	<=33	Pass
		Inner_Full	25.43	/	/	26.67	/	/	<=33	Pass
		Inner_1RB_Left	25.65	/	/	26.89	/	/	<=33	Pass
		Inner_1RB_Right	25.69	/	/	26.93	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	22.36	/	/	23.60	/	/	<=33	Pass
		Edge_1RB_Right	22.47	/	/	23.71	/	/	<=33	Pass
		Outer_Full	25.39	/	/	26.63	/	/	<=33	Pass
		Inner_Full	25.93	/	/	27.17	/	/	<=33	Pass
		Inner_1RB_Left	25.96	/	/	27.20	/	/	<=33	Pass
		Inner_1RB_Right	25.98	/	/	27.22	/	/	<=33	Pass
DFT-s-OFDM QPSK	2511	Edge_1RB_Left	23.06	/	/	24.30	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	23.94	/	/	<=33	Pass
		Outer_Full	25.34	/	/	26.58	/	/	<=33	Pass
		Inner_Full	26.37	/	/	27.61	/	/	<=33	Pass
		Inner_1RB_Left	25.87	/	/	27.11	/	/	<=33	Pass



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	2592.99	Inner 1RB Right	26.28	/	/	27.52	/	/	<=33	Pass
		Edge 1RB Left	22.12	/	/	23.36	/	/	<=33	Pass
		Edge 1RB Right	22.15	/	/	23.39	/	/	<=33	Pass
		Outer Full	24.62	/	/	25.86	/	/	<=33	Pass
		Inner Full	25.35	/	/	26.59	/	/	<=33	Pass
		Inner 1RB Left	25.66	/	/	26.90	/	/	<=33	Pass
		Inner 1RB Right	25.67	/	/	26.91	/	/	<=33	Pass
	2674.98	Edge 1RB Left	22.28	/	/	23.52	/	/	<=33	Pass
		Edge 1RB Right	22.43	/	/	23.67	/	/	<=33	Pass
		Outer Full	24.92	/	/	26.16	/	/	<=33	Pass
		Inner Full	25.87	/	/	27.11	/	/	<=33	Pass
		Inner 1RB Left	25.96	/	/	27.20	/	/	<=33	Pass
		Inner 1RB Right	26.09	/	/	27.33	/	/	<=33	Pass
		Edge 1RB Left	23.21	/	/	24.45	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2511	Edge 1RB Right	22.90	/	/	24.14	/	/	<=33	Pass
		Outer Full	24.36	/	/	25.60	/	/	<=33	Pass
		Inner Full	25.35	/	/	26.59	/	/	<=33	Pass
		Inner 1RB Left	25.21	/	/	26.45	/	/	<=33	Pass
		Inner 1RB Right	25.41	/	/	26.65	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.39	/	/	23.63	/	/	<=33	Pass
		Edge 1RB Right	22.35	/	/	23.59	/	/	<=33	Pass
		Outer Full	23.60	/	/	24.84	/	/	<=33	Pass
		Inner Full	24.39	/	/	25.63	/	/	<=33	Pass
		Inner 1RB Left	24.86	/	/	26.10	/	/	<=33	Pass
		Inner 1RB Right	24.92	/	/	26.16	/	/	<=33	Pass
	2674.98	Edge 1RB Left	22.44	/	/	23.68	/	/	<=33	Pass
		Edge 1RB Right	22.64	/	/	23.88	/	/	<=33	Pass
		Outer Full	23.88	/	/	25.12	/	/	<=33	Pass
		Inner Full	24.90	/	/	26.14	/	/	<=33	Pass
		Inner 1RB Left	24.95	/	/	26.19	/	/	<=33	Pass
		Inner 1RB Right	25.09	/	/	26.33	/	/	<=33	Pass
		Edge 1RB Left	22.80	/	/	24.04	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2511	Edge 1RB Right	22.51	/	/	23.75	/	/	<=33	Pass
		Outer Full	23.87	/	/	25.11	/	/	<=33	Pass
		Inner Full	23.89	/	/	25.13	/	/	<=33	Pass
		Inner 1RB Left	23.90	/	/	25.14	/	/	<=33	Pass
		Inner 1RB Right	23.54	/	/	24.78	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.95	/	/	23.19	/	/	<=33	Pass
		Edge 1RB Right	22.01	/	/	23.25	/	/	<=33	Pass
		Outer Full	23.12	/	/	24.36	/	/	<=33	Pass
		Inner Full	22.91	/	/	24.15	/	/	<=33	Pass
		Inner 1RB Left	22.97	/	/	24.21	/	/	<=33	Pass
		Inner 1RB Right	23.05	/	/	24.29	/	/	<=33	Pass
	2674.98	Edge 1RB Left	22.10	/	/	23.34	/	/	<=33	Pass
		Edge 1RB Right	22.36	/	/	23.60	/	/	<=33	Pass
		Outer Full	23.42	/	/	24.66	/	/	<=33	Pass
		Inner Full	23.38	/	/	24.62	/	/	<=33	Pass
		Inner 1RB Left	23.14	/	/	24.38	/	/	<=33	Pass
		Inner 1RB Right	23.29	/	/	24.53	/	/	<=33	Pass
		Edge 1RB Left	21.92	/	/	23.16	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2511	Edge 1RB Right	21.60	/	/	22.84	/	/	<=33	Pass



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		Outer_Full	21.87	/	/	23.11	/	/	<=33	Pass
		Inner_Full	21.88	/	/	23.12	/	/	<=33	Pass
		Inner_1RB_Left	21.96	/	/	23.20	/	/	<=33	Pass
		Inner_1RB_Right	21.66	/	/	22.90	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.06	/	/	22.30	/	/	<=33	Pass
		Edge_1RB_Right	21.10	/	/	22.34	/	/	<=33	Pass
		Outer_Full	21.09	/	/	22.33	/	/	<=33	Pass
		Inner_Full	20.92	/	/	22.16	/	/	<=33	Pass
	2674.98	Inner_1RB_Left	21.01	/	/	22.25	/	/	<=33	Pass
		Inner_1RB_Right	21.10	/	/	22.34	/	/	<=33	Pass
		Edge_1RB_Left	21.22	/	/	22.46	/	/	<=33	Pass
		Edge_1RB_Right	21.39	/	/	22.63	/	/	<=33	Pass
		Outer_Full	21.44	/	/	22.68	/	/	<=33	Pass
		Inner_Full	21.34	/	/	22.58	/	/	<=33	Pass
		Inner_1RB_Left	21.36	/	/	22.60	/	/	<=33	Pass
		Inner_1RB_Right	21.41	/	/	22.65	/	/	<=33	Pass
CP-OFDM QPSK	2511	Edge_1RB_Left	23.12	/	/	24.36	/	/	<=33	Pass
		Edge_1RB_Right	22.72	/	/	23.96	/	/	<=33	Pass
		Outer_Full	23.35	/	/	24.59	/	/	<=33	Pass
		Inner_Full	24.91	/	/	26.15	/	/	<=33	Pass
		Inner_1RB_Left	24.33	/	/	25.57	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	24.83	/	/	26.07	/	/	<=33	Pass
		Edge_1RB_Left	22.15	/	/	23.39	/	/	<=33	Pass
		Edge_1RB_Right	22.21	/	/	23.45	/	/	<=33	Pass
		Outer_Full	22.55	/	/	23.79	/	/	<=33	Pass
		Inner_Full	24.03	/	/	25.27	/	/	<=33	Pass
	2674.98	Inner_1RB_Left	24.06	/	/	25.30	/	/	<=33	Pass
		Inner_1RB_Right	24.12	/	/	25.36	/	/	<=33	Pass
		Edge_1RB_Left	22.31	/	/	23.55	/	/	<=33	Pass
		Edge_1RB_Right	22.52	/	/	23.76	/	/	<=33	Pass
		Outer_Full	22.90	/	/	24.14	/	/	<=33	Pass
CP-OFDM 16 QAM	2511	Inner_Full	24.44	/	/	25.68	/	/	<=33	Pass
		Inner_1RB_Left	24.40	/	/	25.64	/	/	<=33	Pass
		Inner_1RB_Right	24.39	/	/	25.63	/	/	<=33	Pass
		Edge_1RB_Left	23.17	/	/	24.41	/	/	<=33	Pass
		Edge_1RB_Right	22.86	/	/	24.10	/	/	<=33	Pass
	2592.99	Outer_Full	23.39	/	/	24.63	/	/	<=33	Pass
		Inner_Full	24.38	/	/	25.62	/	/	<=33	Pass
		Inner_1RB_Left	24.13	/	/	25.37	/	/	<=33	Pass
		Inner_1RB_Right	24.38	/	/	25.62	/	/	<=33	Pass
		Edge_1RB_Left	22.32	/	/	23.56	/	/	<=33	Pass
	2674.98	Edge_1RB_Right	22.39	/	/	23.63	/	/	<=33	Pass
		Outer_Full	22.59	/	/	23.83	/	/	<=33	Pass
		Inner_Full	23.50	/	/	24.74	/	/	<=33	Pass
		Inner_1RB_Left	23.85	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Right	23.80	/	/	25.04	/	/	<=33	Pass
		Edge_1RB_Left	22.48	/	/	23.72	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	23.87	/	/	<=33	Pass
		Outer_Full	22.92	/	/	24.16	/	/	<=33	Pass
		Inner_Full	23.88	/	/	25.12	/	/	<=33	Pass
		Inner_1RB_Left	24.01	/	/	25.25	/	/	<=33	Pass



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		Inner_1RB_Right	24.08	/	/	25.32	/	/	<=33	Pass
CP-OFDM 64 QAM	2511	Edge_1RB_Left	23.01	/	/	24.25	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	23.97	/	/	<=33	Pass
		Outer_Full	22.87	/	/	24.11	/	/	<=33	Pass
		Inner_Full	22.89	/	/	24.13	/	/	<=33	Pass
		Inner_1RB_Left	22.66	/	/	23.90	/	/	<=33	Pass
		Inner_1RB_Right	22.62	/	/	23.86	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.16	/	/	23.40	/	/	<=33	Pass
		Edge_1RB_Right	22.10	/	/	23.34	/	/	<=33	Pass
		Outer_Full	22.12	/	/	23.36	/	/	<=33	Pass
		Inner_Full	22.03	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Left	22.19	/	/	23.43	/	/	<=33	Pass
		Inner_1RB_Right	22.10	/	/	23.34	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	22.27	/	/	23.51	/	/	<=33	Pass
		Edge_1RB_Right	22.39	/	/	23.63	/	/	<=33	Pass
		Outer_Full	22.43	/	/	23.67	/	/	<=33	Pass
		Inner_Full	22.45	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Left	22.30	/	/	23.54	/	/	<=33	Pass
		Inner_1RB_Right	22.38	/	/	23.62	/	/	<=33	Pass
CP-OFDM 256 QAM	2511	Edge_1RB_Left	20.08	/	/	21.32	/	/	<=33	Pass
		Edge_1RB_Right	19.68	/	/	20.92	/	/	<=33	Pass
		Outer_Full	19.91	/	/	21.15	/	/	<=33	Pass
		Inner_Full	19.88	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Left	19.99	/	/	21.23	/	/	<=33	Pass
		Inner_1RB_Right	19.72	/	/	20.96	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	19.05	/	/	20.29	/	/	<=33	Pass
		Edge_1RB_Right	19.08	/	/	20.32	/	/	<=33	Pass
		Outer_Full	19.11	/	/	20.35	/	/	<=33	Pass
		Inner_Full	18.96	/	/	20.20	/	/	<=33	Pass
		Inner_1RB_Left	19.14	/	/	20.38	/	/	<=33	Pass
		Inner_1RB_Right	19.17	/	/	20.41	/	/	<=33	Pass
	2674.98	Edge_1RB_Left	19.31	/	/	20.55	/	/	<=33	Pass
		Edge_1RB_Right	19.43	/	/	20.67	/	/	<=33	Pass
		Outer_Full	19.42	/	/	20.66	/	/	<=33	Pass
		Inner_Full	19.37	/	/	20.61	/	/	<=33	Pass
		Inner_1RB_Left	19.37	/	/	20.61	/	/	<=33	Pass
		Inner_1RB_Right	19.44	/	/	20.68	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 1.24dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_40MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2516.01	Edge_1RB_Left	23.14	/	/	24.38	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	23.98	/	/	<=33	Pass
		Outer_Full	25.90	/	/	27.14	/	/	<=33	Pass
		Inner_Full	26.28	/	/	27.52	/	/	<=33	Pass
		Inner_1RB_Left	25.78	/	/	27.02	/	/	<=33	Pass



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	2592.99	Inner_1RB_Right	26.22	/	/	27.46	/	/	<=33	Pass
		Edge_1RB_Left	22.31	/	/	23.55	/	/	<=33	Pass
		Edge_1RB_Right	22.27	/	/	23.51	/	/	<=33	Pass
		Outer_Full	25.15	/	/	26.39	/	/	<=33	Pass
		Inner_Full	25.49	/	/	26.73	/	/	<=33	Pass
		Inner_1RB_Left	25.77	/	/	27.01	/	/	<=33	Pass
		Inner_1RB_Right	25.72	/	/	26.96	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.27	/	/	23.51	/	/	<=33	Pass
		Edge_1RB_Right	22.50	/	/	23.74	/	/	<=33	Pass
		Outer_Full	25.34	/	/	26.58	/	/	<=33	Pass
		Inner_Full	25.87	/	/	27.11	/	/	<=33	Pass
		Inner_1RB_Left	25.76	/	/	27.00	/	/	<=33	Pass
		Inner_1RB_Right	25.88	/	/	27.12	/	/	<=33	Pass
		Edge_1RB_Left	23.09	/	/	24.33	/	/	<=33	Pass
DFT-s-OFDM QPSK	2516.01	Edge_1RB_Right	22.70	/	/	23.94	/	/	<=33	Pass
		Outer_Full	25.36	/	/	26.60	/	/	<=33	Pass
		Inner_Full	26.25	/	/	27.49	/	/	<=33	Pass
		Inner_1RB_Left	25.65	/	/	26.89	/	/	<=33	Pass
		Inner_1RB_Right	26.19	/	/	27.43	/	/	<=33	Pass
		Edge_1RB_Left	22.23	/	/	23.47	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	22.16	/	/	23.40	/	/	<=33	Pass
		Outer_Full	24.61	/	/	25.85	/	/	<=33	Pass
		Inner_Full	25.47	/	/	26.71	/	/	<=33	Pass
		Inner_1RB_Left	25.76	/	/	27.00	/	/	<=33	Pass
		Inner_1RB_Right	25.70	/	/	26.94	/	/	<=33	Pass
		Edge_1RB_Left	22.21	/	/	23.45	/	/	<=33	Pass
	2670	Edge_1RB_Right	22.46	/	/	23.70	/	/	<=33	Pass
		Outer_Full	24.81	/	/	26.05	/	/	<=33	Pass
		Inner_Full	25.87	/	/	27.11	/	/	<=33	Pass
		Inner_1RB_Left	25.75	/	/	26.99	/	/	<=33	Pass
		Inner_1RB_Right	26.10	/	/	27.34	/	/	<=33	Pass
		Edge_1RB_Left	23.42	/	/	24.66	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2516.01	Edge_1RB_Right	23.05	/	/	24.29	/	/	<=33	Pass
		Outer_Full	24.31	/	/	25.55	/	/	<=33	Pass
		Inner_Full	25.20	/	/	26.44	/	/	<=33	Pass
		Inner_1RB_Left	24.94	/	/	26.18	/	/	<=33	Pass
		Inner_1RB_Right	25.40	/	/	26.64	/	/	<=33	Pass
		Edge_1RB_Left	22.28	/	/	23.52	/	/	<=33	Pass
	2592.99	Edge_1RB_Right	22.37	/	/	23.61	/	/	<=33	Pass
		Outer_Full	23.65	/	/	24.89	/	/	<=33	Pass
		Inner_Full	24.42	/	/	25.66	/	/	<=33	Pass
		Inner_1RB_Left	24.95	/	/	26.19	/	/	<=33	Pass
		Inner_1RB_Right	24.89	/	/	26.13	/	/	<=33	Pass
		Edge_1RB_Left	22.47	/	/	23.71	/	/	<=33	Pass
	2670	Edge_1RB_Right	22.66	/	/	23.90	/	/	<=33	Pass
		Outer_Full	23.83	/	/	25.07	/	/	<=33	Pass
		Inner_Full	24.82	/	/	26.06	/	/	<=33	Pass
		Inner_1RB_Left	24.85	/	/	26.09	/	/	<=33	Pass
		Inner_1RB_Right	25.12	/	/	26.36	/	/	<=33	Pass
		Edge_1RB_Left	22.84	/	/	24.08	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2516.01	Edge_1RB_Right	22.57	/	/	23.81	/	/	<=33	Pass

	2592.99	Outer_Full	23.89	/	/	25.13	/	/	<=33	Pass
		Inner_Full	23.79	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Left	23.92	/	/	25.16	/	/	<=33	Pass
		Inner_1RB_Right	23.61	/	/	24.85	/	/	<=33	Pass
		Edge_1RB_Left	22.02	/	/	23.26	/	/	<=33	Pass
		Edge_1RB_Right	22.11	/	/	23.35	/	/	<=33	Pass
		Outer_Full	23.05	/	/	24.29	/	/	<=33	Pass
		Inner_Full	22.95	/	/	24.19	/	/	<=33	Pass
		Inner_1RB_Left	23.10	/	/	24.34	/	/	<=33	Pass
		Inner_1RB_Right	23.04	/	/	24.28	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.17	/	/	23.41	/	/	<=33	Pass
		Edge_1RB_Right	22.43	/	/	23.67	/	/	<=33	Pass
		Outer_Full	23.34	/	/	24.58	/	/	<=33	Pass
		Inner_Full	23.33	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Left	23.14	/	/	24.38	/	/	<=33	Pass
		Inner_1RB_Right	23.33	/	/	24.57	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2516.01	Edge_1RB_Left	21.94	/	/	23.18	/	/	<=33	Pass
		Edge_1RB_Right	21.61	/	/	22.85	/	/	<=33	Pass
		Outer_Full	21.85	/	/	23.09	/	/	<=33	Pass
		Inner_Full	21.70	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Left	21.96	/	/	23.20	/	/	<=33	Pass
		Inner_1RB_Right	21.55	/	/	22.79	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.06	/	/	22.30	/	/	<=33	Pass
		Edge_1RB_Right	21.10	/	/	22.34	/	/	<=33	Pass
		Outer_Full	21.18	/	/	22.42	/	/	<=33	Pass
		Inner_Full	20.91	/	/	22.15	/	/	<=33	Pass
		Inner_1RB_Left	21.14	/	/	22.38	/	/	<=33	Pass
		Inner_1RB_Right	21.17	/	/	22.41	/	/	<=33	Pass
	2670	Edge_1RB_Left	21.14	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Right	21.39	/	/	22.63	/	/	<=33	Pass
		Outer_Full	21.40	/	/	22.64	/	/	<=33	Pass
		Inner_Full	21.35	/	/	22.59	/	/	<=33	Pass
		Inner_1RB_Left	21.17	/	/	22.41	/	/	<=33	Pass
		Inner_1RB_Right	21.41	/	/	22.65	/	/	<=33	Pass
CP-OFDM QPSK	2516.01	Edge_1RB_Left	23.13	/	/	24.37	/	/	<=33	Pass
		Edge_1RB_Right	22.72	/	/	23.96	/	/	<=33	Pass
		Outer_Full	23.37	/	/	24.61	/	/	<=33	Pass
		Inner_Full	24.74	/	/	25.98	/	/	<=33	Pass
		Inner_1RB_Left	24.10	/	/	25.34	/	/	<=33	Pass
		Inner_1RB_Right	24.69	/	/	25.93	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.22	/	/	23.46	/	/	<=33	Pass
		Edge_1RB_Right	22.23	/	/	23.47	/	/	<=33	Pass
		Outer_Full	22.65	/	/	23.89	/	/	<=33	Pass
		Inner_Full	24.05	/	/	25.29	/	/	<=33	Pass
		Inner_1RB_Left	24.23	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Right	24.25	/	/	25.49	/	/	<=33	Pass
	2670	Edge_1RB_Left	22.31	/	/	23.55	/	/	<=33	Pass
		Edge_1RB_Right	22.52	/	/	23.76	/	/	<=33	Pass
		Outer_Full	22.98	/	/	24.22	/	/	<=33	Pass
Inner_Full		24.48	/	/	25.72	/	/	<=33	Pass	
Inner_1RB_Left		24.20	/	/	25.44	/	/	<=33	Pass	



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		Inner 1RB Right	24.45	/	/	25.69	/	/	<=33	Pass
CP-OFDM 16 QAM	2516.01	Edge 1RB Left	23.24	/	/	24.48	/	/	<=33	Pass
		Edge 1RB Right	22.84	/	/	24.08	/	/	<=33	Pass
		Outer Full	23.39	/	/	24.63	/	/	<=33	Pass
		Inner Full	24.42	/	/	25.66	/	/	<=33	Pass
		Inner 1RB Left	23.88	/	/	25.12	/	/	<=33	Pass
		Inner 1RB Right	24.37	/	/	25.61	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.33	/	/	23.57	/	/	<=33	Pass
		Edge 1RB Right	22.47	/	/	23.71	/	/	<=33	Pass
		Outer Full	22.63	/	/	23.87	/	/	<=33	Pass
		Inner Full	23.57	/	/	24.81	/	/	<=33	Pass
		Inner 1RB Left	23.93	/	/	25.17	/	/	<=33	Pass
		Inner 1RB Right	23.82	/	/	25.06	/	/	<=33	Pass
	2670	Edge 1RB Left	22.44	/	/	23.68	/	/	<=33	Pass
		Edge 1RB Right	22.60	/	/	23.84	/	/	<=33	Pass
		Outer Full	22.98	/	/	24.22	/	/	<=33	Pass
		Inner Full	23.98	/	/	25.22	/	/	<=33	Pass
		Inner 1RB Left	23.97	/	/	25.21	/	/	<=33	Pass
		Inner 1RB Right	24.21	/	/	25.45	/	/	<=33	Pass
CP-OFDM 64 QAM	2516.01	Edge 1RB Left	22.79	/	/	24.03	/	/	<=33	Pass
		Edge 1RB Right	22.73	/	/	23.97	/	/	<=33	Pass
		Outer Full	22.91	/	/	24.15	/	/	<=33	Pass
		Inner Full	22.76	/	/	24.00	/	/	<=33	Pass
		Inner 1RB Left	22.87	/	/	24.11	/	/	<=33	Pass
		Inner 1RB Right	22.72	/	/	23.96	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.16	/	/	23.40	/	/	<=33	Pass
		Edge 1RB Right	22.25	/	/	23.49	/	/	<=33	Pass
		Outer Full	22.16	/	/	23.40	/	/	<=33	Pass
		Inner Full	22.08	/	/	23.32	/	/	<=33	Pass
		Inner 1RB Left	22.28	/	/	23.52	/	/	<=33	Pass
		Inner 1RB Right	22.18	/	/	23.42	/	/	<=33	Pass
	2670	Edge 1RB Left	22.26	/	/	23.50	/	/	<=33	Pass
		Edge 1RB Right	22.48	/	/	23.72	/	/	<=33	Pass
		Outer Full	22.49	/	/	23.73	/	/	<=33	Pass
		Inner Full	22.49	/	/	23.73	/	/	<=33	Pass
		Inner 1RB Left	22.32	/	/	23.56	/	/	<=33	Pass
		Inner 1RB Right	22.48	/	/	23.72	/	/	<=33	Pass
CP-OFDM 256 QAM	2516.01	Edge 1RB Left	20.03	/	/	21.27	/	/	<=33	Pass
		Edge 1RB Right	19.74	/	/	20.98	/	/	<=33	Pass
		Outer Full	19.89	/	/	21.13	/	/	<=33	Pass
		Inner Full	19.87	/	/	21.11	/	/	<=33	Pass
		Inner 1RB Left	20.11	/	/	21.35	/	/	<=33	Pass
		Inner 1RB Right	19.72	/	/	20.96	/	/	<=33	Pass
	2592.99	Edge 1RB Left	19.12	/	/	20.36	/	/	<=33	Pass
		Edge 1RB Right	19.28	/	/	20.52	/	/	<=33	Pass
		Outer Full	19.13	/	/	20.37	/	/	<=33	Pass
		Inner Full	19.08	/	/	20.32	/	/	<=33	Pass
		Inner 1RB Left	19.26	/	/	20.50	/	/	<=33	Pass
		Inner 1RB Right	19.17	/	/	20.41	/	/	<=33	Pass
	2670	Edge 1RB Left	19.14	/	/	20.38	/	/	<=33	Pass
		Edge 1RB Right	19.44	/	/	20.68	/	/	<=33	Pass



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		Outer_Full	19.46	/	/	20.70	/	/	<=33	Pass
		Inner_Full	19.45	/	/	20.69	/	/	<=33	Pass
		Inner_1RB_Left	19.17	/	/	20.41	/	/	<=33	Pass
		Inner_1RB_Right	19.42	/	/	20.66	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 1.24dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_50MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2521.02	Edge_1RB_Left	22.98	/	/	24.22	/	/	<=33	Pass
		Edge_1RB_Right	22.55	/	/	23.79	/	/	<=33	Pass
		Outer_Full	25.82	/	/	27.06	/	/	<=33	Pass
		Inner_Full	26.18	/	/	27.42	/	/	<=33	Pass
		Inner_1RB_Left	26.37	/	/	27.61	/	/	<=33	Pass
		Inner_1RB_Right	26.02	/	/	27.26	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.11	/	/	23.35	/	/	<=33	Pass
		Edge_1RB_Right	21.96	/	/	23.20	/	/	<=33	Pass
		Outer_Full	25.04	/	/	26.28	/	/	<=33	Pass
		Inner_Full	25.47	/	/	26.71	/	/	<=33	Pass
		Inner_1RB_Left	25.63	/	/	26.87	/	/	<=33	Pass
		Inner_1RB_Right	25.51	/	/	26.75	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.12	/	/	23.36	/	/	<=33	Pass
		Edge_1RB_Right	22.46	/	/	23.70	/	/	<=33	Pass
		Outer_Full	25.26	/	/	26.50	/	/	<=33	Pass
		Inner_Full	25.77	/	/	27.01	/	/	<=33	Pass
		Inner_1RB_Left	25.54	/	/	26.78	/	/	<=33	Pass
		Inner_1RB_Right	25.97	/	/	27.21	/	/	<=33	Pass
DFT-s-OFDM QPSK	2521.02	Edge_1RB_Left	22.88	/	/	24.12	/	/	<=33	Pass
		Edge_1RB_Right	22.54	/	/	23.78	/	/	<=33	Pass
		Outer_Full	25.29	/	/	26.53	/	/	<=33	Pass
		Inner_Full	26.16	/	/	27.40	/	/	<=33	Pass
		Inner_1RB_Left	26.23	/	/	27.47	/	/	<=33	Pass
		Inner_1RB_Right	26.01	/	/	27.25	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.04	/	/	23.28	/	/	<=33	Pass
		Edge_1RB_Right	21.97	/	/	23.21	/	/	<=33	Pass
		Outer_Full	24.50	/	/	25.74	/	/	<=33	Pass
		Inner_Full	25.39	/	/	26.63	/	/	<=33	Pass
		Inner_1RB_Left	25.59	/	/	26.83	/	/	<=33	Pass
		Inner_1RB_Right	25.51	/	/	26.75	/	/	<=33	Pass
	2664.99	Edge_1RB_Left	22.05	/	/	23.29	/	/	<=33	Pass
		Edge_1RB_Right	22.45	/	/	23.69	/	/	<=33	Pass
		Outer_Full	24.74	/	/	25.98	/	/	<=33	Pass
		Inner_Full	25.73	/	/	26.97	/	/	<=33	Pass
		Inner_1RB_Left	25.58	/	/	26.82	/	/	<=33	Pass
		Inner_1RB_Right	26.11	/	/	27.35	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2521.02	Edge_1RB_Left	23.13	/	/	24.37	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	23.97	/	/	<=33	Pass



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		Outer_Full	24.17	/	/	25.41	/	/	<=33	Pass
		Inner_Full	25.20	/	/	26.44	/	/	<=33	Pass
		Inner_1RB_Left	25.60	/	/	26.84	/	/	<=33	Pass
		Inner_1RB_Right	25.26	/	/	26.50	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.29	/	/	23.53	/	/	<=33	Pass
		Edge_1RB_Right	22.16	/	/	23.40	/	/	<=33	Pass
		Outer_Full	23.50	/	/	24.74	/	/	<=33	Pass
		Inner_Full	24.38	/	/	25.62	/	/	<=33	Pass
	2664.99	Inner_1RB_Left	24.85	/	/	26.09	/	/	<=33	Pass
		Inner_1RB_Right	24.77	/	/	26.01	/	/	<=33	Pass
		Edge_1RB_Left	22.36	/	/	23.60	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	24.01	/	/	<=33	Pass
		Outer_Full	23.75	/	/	24.99	/	/	<=33	Pass
		Inner_Full	24.78	/	/	26.02	/	/	<=33	Pass
		Inner_1RB_Left	24.79	/	/	26.03	/	/	<=33	Pass
		Inner_1RB_Right	25.17	/	/	26.41	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2521.02	Edge_1RB_Left	22.75	/	/	23.99	/	/	<=33	Pass
		Edge_1RB_Right	22.41	/	/	23.65	/	/	<=33	Pass
		Outer_Full	23.61	/	/	24.85	/	/	<=33	Pass
		Inner_Full	23.70	/	/	24.94	/	/	<=33	Pass
		Inner_1RB_Left	23.62	/	/	24.86	/	/	<=33	Pass
		Inner_1RB_Right	23.34	/	/	24.58	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.94	/	/	23.18	/	/	<=33	Pass
		Edge_1RB_Right	21.86	/	/	23.10	/	/	<=33	Pass
		Outer_Full	22.99	/	/	24.23	/	/	<=33	Pass
		Inner_Full	22.93	/	/	24.17	/	/	<=33	Pass
	2664.99	Inner_1RB_Left	22.90	/	/	24.14	/	/	<=33	Pass
		Inner_1RB_Right	22.82	/	/	24.06	/	/	<=33	Pass
		Edge_1RB_Left	21.92	/	/	23.16	/	/	<=33	Pass
		Edge_1RB_Right	22.34	/	/	23.58	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2521.02	Outer_Full	23.27	/	/	24.51	/	/	<=33	Pass
		Inner_Full	23.33	/	/	24.57	/	/	<=33	Pass
		Inner_1RB_Left	22.88	/	/	24.12	/	/	<=33	Pass
		Inner_1RB_Right	23.21	/	/	24.45	/	/	<=33	Pass
		Edge_1RB_Left	21.83	/	/	23.07	/	/	<=33	Pass
		Edge_1RB_Right	21.50	/	/	22.74	/	/	<=33	Pass
		Outer_Full	21.71	/	/	22.95	/	/	<=33	Pass
		Inner_Full	21.68	/	/	22.92	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	21.86	/	/	23.10	/	/	<=33	Pass
		Inner_1RB_Right	21.53	/	/	22.77	/	/	<=33	Pass
		Edge_1RB_Left	21.01	/	/	22.25	/	/	<=33	Pass
		Edge_1RB_Right	20.86	/	/	22.10	/	/	<=33	Pass
	2664.99	Outer_Full	21.00	/	/	22.24	/	/	<=33	Pass
		Inner_Full	20.90	/	/	22.14	/	/	<=33	Pass
		Inner_1RB_Left	21.01	/	/	22.25	/	/	<=33	Pass
		Inner_1RB_Right	20.90	/	/	22.14	/	/	<=33	Pass
		Edge_1RB_Left	20.96	/	/	22.20	/	/	<=33	Pass
		Edge_1RB_Right	21.34	/	/	22.58	/	/	<=33	Pass
		Outer_Full	21.25	/	/	22.49	/	/	<=33	Pass
		Inner_Full	21.25	/	/	22.49	/	/	<=33	Pass
		Inner_1RB_Left	20.93	/	/	22.17	/	/	<=33	Pass



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		Inner 1RB Right	21.33	/	/	22.57	/	/	<=33	Pass
CP-OFDM QPSK	2521.02	Edge 1RB Left	23.03	/	/	24.27	/	/	<=33	Pass
		Edge 1RB Right	22.55	/	/	23.79	/	/	<=33	Pass
		Outer Full	23.18	/	/	24.42	/	/	<=33	Pass
		Inner Full	24.62	/	/	25.86	/	/	<=33	Pass
		Inner 1RB Left	24.66	/	/	25.90	/	/	<=33	Pass
		Inner 1RB Right	24.49	/	/	25.73	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.12	/	/	23.36	/	/	<=33	Pass
		Edge 1RB Right	22.00	/	/	23.24	/	/	<=33	Pass
		Outer Full	22.47	/	/	23.71	/	/	<=33	Pass
		Inner Full	23.89	/	/	25.13	/	/	<=33	Pass
		Inner 1RB Left	23.99	/	/	25.23	/	/	<=33	Pass
		Inner 1RB Right	23.99	/	/	25.23	/	/	<=33	Pass
	2664.99	Edge 1RB Left	22.09	/	/	23.33	/	/	<=33	Pass
		Edge 1RB Right	22.42	/	/	23.66	/	/	<=33	Pass
		Outer Full	22.74	/	/	23.98	/	/	<=33	Pass
		Inner Full	24.27	/	/	25.51	/	/	<=33	Pass
		Inner 1RB Left	24.09	/	/	25.33	/	/	<=33	Pass
		Inner 1RB Right	24.81	/	/	26.05	/	/	<=33	Pass
CP-OFDM 16 QAM	2521.02	Edge 1RB Left	23.03	/	/	24.27	/	/	<=33	Pass
		Edge 1RB Right	22.60	/	/	23.84	/	/	<=33	Pass
		Outer Full	23.17	/	/	24.41	/	/	<=33	Pass
		Inner Full	24.15	/	/	25.39	/	/	<=33	Pass
		Inner 1RB Left	24.40	/	/	25.64	/	/	<=33	Pass
		Inner 1RB Right	24.20	/	/	25.44	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.29	/	/	23.53	/	/	<=33	Pass
		Edge 1RB Right	22.13	/	/	23.37	/	/	<=33	Pass
		Outer Full	22.47	/	/	23.71	/	/	<=33	Pass
		Inner Full	23.38	/	/	24.62	/	/	<=33	Pass
		Inner 1RB Left	23.81	/	/	25.05	/	/	<=33	Pass
		Inner 1RB Right	23.62	/	/	24.86	/	/	<=33	Pass
	2664.99	Edge 1RB Left	22.34	/	/	23.58	/	/	<=33	Pass
		Edge 1RB Right	22.86	/	/	24.10	/	/	<=33	Pass
		Outer Full	22.75	/	/	23.99	/	/	<=33	Pass
		Inner Full	23.73	/	/	24.97	/	/	<=33	Pass
		Inner 1RB Left	23.88	/	/	25.12	/	/	<=33	Pass
		Inner 1RB Right	24.32	/	/	25.56	/	/	<=33	Pass
CP-OFDM 64 QAM	2521.02	Edge 1RB Left	22.85	/	/	24.09	/	/	<=33	Pass
		Edge 1RB Right	22.46	/	/	23.70	/	/	<=33	Pass
		Outer Full	22.82	/	/	24.06	/	/	<=33	Pass
		Inner Full	22.67	/	/	23.91	/	/	<=33	Pass
		Inner 1RB Left	22.81	/	/	24.05	/	/	<=33	Pass
		Inner 1RB Right	22.43	/	/	23.67	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.07	/	/	23.31	/	/	<=33	Pass
		Edge 1RB Right	21.99	/	/	23.23	/	/	<=33	Pass
		Outer Full	21.98	/	/	23.22	/	/	<=33	Pass
		Inner Full	21.92	/	/	23.16	/	/	<=33	Pass
		Inner 1RB Left	22.08	/	/	23.32	/	/	<=33	Pass
		Inner 1RB Right	21.93	/	/	23.17	/	/	<=33	Pass
	2664.99	Edge 1RB Left	22.04	/	/	23.28	/	/	<=33	Pass
		Edge 1RB Right	22.51	/	/	23.75	/	/	<=33	Pass



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		Outer_Full	22.28	/	/	23.52	/	/	<=33	Pass	
		Inner_Full	22.23	/	/	23.47	/	/	<=33	Pass	
		Inner_1RB_Left	22.07	/	/	23.31	/	/	<=33	Pass	
		Inner_1RB_Right	22.50	/	/	23.74	/	/	<=33	Pass	
CP-OFDM 256 QAM	2521.02	Edge_1RB_Left	19.94	/	/	21.18	/	/	<=33	Pass	
		Edge_1RB_Right	19.35	/	/	20.59	/	/	<=33	Pass	
		Outer_Full	19.66	/	/	20.90	/	/	<=33	Pass	
		Inner_Full	19.74	/	/	20.98	/	/	<=33	Pass	
		Inner_1RB_Left	19.90	/	/	21.14	/	/	<=33	Pass	
		Inner_1RB_Right	19.48	/	/	20.72	/	/	<=33	Pass	
	2592.99	Edge_1RB_Left	19.06	/	/	20.30	/	/	<=33	Pass	
		Edge_1RB_Right	19.04	/	/	20.28	/	/	<=33	Pass	
		Outer_Full	18.97	/	/	20.21	/	/	<=33	Pass	
		Inner_Full	18.96	/	/	20.20	/	/	<=33	Pass	
		Inner_1RB_Left	19.10	/	/	20.34	/	/	<=33	Pass	
		Inner_1RB_Right	18.94	/	/	20.18	/	/	<=33	Pass	
	2664.99	Edge_1RB_Left	18.92	/	/	20.16	/	/	<=33	Pass	
		Edge_1RB_Right	19.48	/	/	20.72	/	/	<=33	Pass	
		Outer_Full	19.25	/	/	20.49	/	/	<=33	Pass	
		Inner_Full	19.36	/	/	20.60	/	/	<=33	Pass	
		Inner_1RB_Left	19.01	/	/	20.25	/	/	<=33	Pass	
		Inner_1RB_Right	19.47	/	/	20.71	/	/	<=33	Pass	
	Note1: Antenna Gain: Ant1: 1.24dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30k_SISO_60MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2526	Edge 1RB Left	22.93	/	/	24.17	/	/	<=33	Pass
		Edge 1RB Right	22.34	/	/	23.58	/	/	<=33	Pass
		Outer Full	25.60	/	/	26.84	/	/	<=33	Pass
		Inner Full	26.12	/	/	27.36	/	/	<=33	Pass
		Inner 1RB Left	26.19	/	/	27.43	/	/	<=33	Pass
		Inner 1RB Right	25.81	/	/	27.05	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.90	/	/	23.14	/	/	<=33	Pass
		Edge 1RB Right	22.04	/	/	23.28	/	/	<=33	Pass
		Outer Full	25.08	/	/	26.32	/	/	<=33	Pass
		Inner Full	25.43	/	/	26.67	/	/	<=33	Pass
		Inner 1RB Left	25.34	/	/	26.58	/	/	<=33	Pass
		Inner 1RB Right	25.53	/	/	26.77	/	/	<=33	Pass
	2659.98	Edge 1RB Left	21.71	/	/	22.95	/	/	<=33	Pass
		Edge 1RB Right	22.52	/	/	23.76	/	/	<=33	Pass
		Outer Full	25.21	/	/	26.45	/	/	<=33	Pass
		Inner Full	25.77	/	/	27.01	/	/	<=33	Pass
		Inner 1RB Left	25.27	/	/	26.51	/	/	<=33	Pass
		Inner 1RB Right	26.00	/	/	27.24	/	/	<=33	Pass
DFT-s-OFDM QPSK	2526	Edge 1RB Left	22.84	/	/	24.08	/	/	<=33	Pass
		Edge 1RB Right	22.28	/	/	23.52	/	/	<=33	Pass



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		Outer_Full	25.15	/	/	26.39	/	/	<=33	Pass
		Inner_Full	26.13	/	/	27.37	/	/	<=33	Pass
		Inner_1RB_Left	26.05	/	/	27.29	/	/	<=33	Pass
		Inner_1RB_Right	25.84	/	/	27.08	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.81	/	/	23.05	/	/	<=33	Pass
		Edge_1RB_Right	21.96	/	/	23.20	/	/	<=33	Pass
		Outer_Full	24.65	/	/	25.89	/	/	<=33	Pass
		Inner_Full	25.49	/	/	26.73	/	/	<=33	Pass
	2659.98	Inner_1RB_Left	25.39	/	/	26.63	/	/	<=33	Pass
		Inner_1RB_Right	25.56	/	/	26.80	/	/	<=33	Pass
		Edge_1RB_Left	21.67	/	/	22.91	/	/	<=33	Pass
		Edge_1RB_Right	22.54	/	/	23.78	/	/	<=33	Pass
		Outer_Full	24.69	/	/	25.93	/	/	<=33	Pass
		Inner_Full	25.72	/	/	26.96	/	/	<=33	Pass
		Inner_1RB_Left	25.16	/	/	26.40	/	/	<=33	Pass
		Inner_1RB_Right	26.08	/	/	27.32	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2526	Edge_1RB_Left	23.07	/	/	24.31	/	/	<=33	Pass
		Edge_1RB_Right	22.52	/	/	23.76	/	/	<=33	Pass
		Outer_Full	24.18	/	/	25.42	/	/	<=33	Pass
		Inner_Full	25.13	/	/	26.37	/	/	<=33	Pass
		Inner_1RB_Left	25.45	/	/	26.69	/	/	<=33	Pass
	2592.99	Inner_1RB_Right	25.01	/	/	26.25	/	/	<=33	Pass
		Edge_1RB_Left	22.04	/	/	23.28	/	/	<=33	Pass
		Edge_1RB_Right	22.17	/	/	23.41	/	/	<=33	Pass
		Outer_Full	23.52	/	/	24.76	/	/	<=33	Pass
		Inner_Full	24.46	/	/	25.70	/	/	<=33	Pass
	2659.98	Inner_1RB_Left	24.68	/	/	25.92	/	/	<=33	Pass
		Inner_1RB_Right	24.79	/	/	26.03	/	/	<=33	Pass
		Edge_1RB_Left	21.86	/	/	23.10	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	24.00	/	/	<=33	Pass
		Outer_Full	23.71	/	/	24.95	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2526	Inner_Full	24.77	/	/	26.01	/	/	<=33	Pass
		Inner_1RB_Left	24.41	/	/	25.65	/	/	<=33	Pass
		Inner_1RB_Right	25.20	/	/	26.44	/	/	<=33	Pass
		Edge_1RB_Left	22.73	/	/	23.97	/	/	<=33	Pass
		Edge_1RB_Right	22.14	/	/	23.38	/	/	<=33	Pass
	2592.99	Outer_Full	23.68	/	/	24.92	/	/	<=33	Pass
		Inner_Full	23.62	/	/	24.86	/	/	<=33	Pass
		Inner_1RB_Left	23.69	/	/	24.93	/	/	<=33	Pass
		Inner_1RB_Right	23.16	/	/	24.40	/	/	<=33	Pass
		Edge_1RB_Left	21.70	/	/	22.94	/	/	<=33	Pass
	2659.98	Edge_1RB_Right	21.82	/	/	23.06	/	/	<=33	Pass
		Outer_Full	22.99	/	/	24.23	/	/	<=33	Pass
		Inner_Full	22.90	/	/	24.14	/	/	<=33	Pass
		Inner_1RB_Left	22.73	/	/	23.97	/	/	<=33	Pass
		Inner_1RB_Right	22.87	/	/	24.11	/	/	<=33	Pass
		Edge_1RB_Left	21.55	/	/	22.79	/	/	<=33	Pass
		Edge_1RB_Right	22.38	/	/	23.62	/	/	<=33	Pass
		Outer_Full	23.20	/	/	24.44	/	/	<=33	Pass
		Inner_Full	23.25	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Left	22.57	/	/	23.81	/	/	<=33	Pass



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		Inner_1RB_Right	23.36	/	/	24.60	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2526	Edge_1RB_Left	21.79	/	/	23.03	/	/	<=33	Pass
		Edge_1RB_Right	21.23	/	/	22.47	/	/	<=33	Pass
		Outer_Full	21.64	/	/	22.88	/	/	<=33	Pass
		Inner_Full	21.68	/	/	22.92	/	/	<=33	Pass
		Inner_1RB_Left	21.81	/	/	23.05	/	/	<=33	Pass
		Inner_1RB_Right	21.20	/	/	22.44	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	20.66	/	/	21.90	/	/	<=33	Pass
		Edge_1RB_Right	20.92	/	/	22.16	/	/	<=33	Pass
		Outer_Full	20.90	/	/	22.14	/	/	<=33	Pass
		Inner_Full	20.99	/	/	22.23	/	/	<=33	Pass
		Inner_1RB_Left	20.77	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Right	20.86	/	/	22.10	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	20.59	/	/	21.83	/	/	<=33	Pass
		Edge_1RB_Right	21.41	/	/	22.65	/	/	<=33	Pass
		Outer_Full	21.17	/	/	22.41	/	/	<=33	Pass
		Inner_Full	21.28	/	/	22.52	/	/	<=33	Pass
		Inner_1RB_Left	20.57	/	/	21.81	/	/	<=33	Pass
		Inner_1RB_Right	21.42	/	/	22.66	/	/	<=33	Pass
CP-OFDM QPSK	2526	Edge_1RB_Left	22.84	/	/	24.08	/	/	<=33	Pass
		Edge_1RB_Right	22.30	/	/	23.54	/	/	<=33	Pass
		Outer_Full	23.13	/	/	24.37	/	/	<=33	Pass
		Inner_Full	24.65	/	/	25.89	/	/	<=33	Pass
		Inner_1RB_Left	24.50	/	/	25.74	/	/	<=33	Pass
		Inner_1RB_Right	24.26	/	/	25.50	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.90	/	/	23.14	/	/	<=33	Pass
		Edge_1RB_Right	22.08	/	/	23.32	/	/	<=33	Pass
		Outer_Full	22.49	/	/	23.73	/	/	<=33	Pass
		Inner_Full	23.91	/	/	25.15	/	/	<=33	Pass
		Inner_1RB_Left	23.96	/	/	25.20	/	/	<=33	Pass
		Inner_1RB_Right	24.15	/	/	25.39	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	21.75	/	/	22.99	/	/	<=33	Pass
		Edge_1RB_Right	22.41	/	/	23.65	/	/	<=33	Pass
		Outer_Full	22.73	/	/	23.97	/	/	<=33	Pass
		Inner_Full	24.23	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Left	23.68	/	/	24.92	/	/	<=33	Pass
		Inner_1RB_Right	24.59	/	/	25.83	/	/	<=33	Pass
CP-OFDM 16 QAM	2526	Edge_1RB_Left	23.06	/	/	24.30	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	23.75	/	/	<=33	Pass
		Outer_Full	23.17	/	/	24.41	/	/	<=33	Pass
		Inner_Full	24.12	/	/	25.36	/	/	<=33	Pass
		Inner_1RB_Left	24.25	/	/	25.49	/	/	<=33	Pass
		Inner_1RB_Right	23.91	/	/	25.15	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.03	/	/	23.27	/	/	<=33	Pass
		Edge_1RB_Right	22.28	/	/	23.52	/	/	<=33	Pass
		Outer_Full	22.64	/	/	23.88	/	/	<=33	Pass
		Inner_Full	23.37	/	/	24.61	/	/	<=33	Pass
		Inner_1RB_Left	23.51	/	/	24.75	/	/	<=33	Pass
		Inner_1RB_Right	23.66	/	/	24.90	/	/	<=33	Pass
	2659.98	Edge_1RB_Left	21.75	/	/	22.99	/	/	<=33	Pass
		Edge_1RB_Right	22.57	/	/	23.81	/	/	<=33	Pass



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		Outer_Full	22.71	/	/	23.95	/	/	<=33	Pass		
		Inner_Full	23.72	/	/	24.96	/	/	<=33	Pass		
		Inner_1RB_Left	23.22	/	/	24.46	/	/	<=33	Pass		
		Inner_1RB_Right	24.13	/	/	25.37	/	/	<=33	Pass		
CP-OFDM 64 QAM	2526	Edge_1RB_Left	22.94	/	/	24.18	/	/	<=33	Pass		
		Edge_1RB_Right	22.30	/	/	23.54	/	/	<=33	Pass		
		Outer_Full	22.63	/	/	23.87	/	/	<=33	Pass		
		Inner_Full	22.62	/	/	23.86	/	/	<=33	Pass		
		Inner_1RB_Left	22.90	/	/	24.14	/	/	<=33	Pass		
		Inner_1RB_Right	22.38	/	/	23.62	/	/	<=33	Pass		
		Edge_1RB_Left	21.88	/	/	23.12	/	/	<=33	Pass		
		Edge_1RB_Right	22.02	/	/	23.26	/	/	<=33	Pass		
	2592.99	Outer_Full	22.02	/	/	23.26	/	/	<=33	Pass		
		Inner_Full	21.95	/	/	23.19	/	/	<=33	Pass		
		Inner_1RB_Left	21.92	/	/	23.16	/	/	<=33	Pass		
		Inner_1RB_Right	22.04	/	/	23.28	/	/	<=33	Pass		
		Edge_1RB_Left	21.62	/	/	22.86	/	/	<=33	Pass		
		Edge_1RB_Right	22.41	/	/	23.65	/	/	<=33	Pass		
	2659.98	Outer_Full	22.22	/	/	23.46	/	/	<=33	Pass		
		Inner_Full	22.22	/	/	23.46	/	/	<=33	Pass		
		Inner_1RB_Left	21.64	/	/	22.88	/	/	<=33	Pass		
		Inner_1RB_Right	22.45	/	/	23.69	/	/	<=33	Pass		
		Edge_1RB_Left	19.80	/	/	21.04	/	/	<=33	Pass		
		Edge_1RB_Right	19.27	/	/	20.51	/	/	<=33	Pass		
CP-OFDM 256 QAM	2526	Outer_Full	19.63	/	/	20.87	/	/	<=33	Pass		
		Inner_Full	19.71	/	/	20.95	/	/	<=33	Pass		
		Inner_1RB_Left	19.81	/	/	21.05	/	/	<=33	Pass		
		Inner_1RB_Right	19.32	/	/	20.56	/	/	<=33	Pass		
		Edge_1RB_Left	18.78	/	/	20.02	/	/	<=33	Pass		
		Edge_1RB_Right	18.99	/	/	20.23	/	/	<=33	Pass		
	2592.99	Outer_Full	19.16	/	/	20.40	/	/	<=33	Pass		
		Inner_Full	18.97	/	/	20.21	/	/	<=33	Pass		
		Inner_1RB_Left	18.90	/	/	20.14	/	/	<=33	Pass		
		Inner_1RB_Right	19.03	/	/	20.27	/	/	<=33	Pass		
		Edge_1RB_Left	18.70	/	/	19.94	/	/	<=33	Pass		
		Edge_1RB_Right	19.52	/	/	20.76	/	/	<=33	Pass		
	2659.98	Outer_Full	19.26	/	/	20.50	/	/	<=33	Pass		
		Inner_Full	19.27	/	/	20.51	/	/	<=33	Pass		
		Inner_1RB_Left	18.64	/	/	19.88	/	/	<=33	Pass		
		Inner_1RB_Right	19.52	/	/	20.76	/	/	<=33	Pass		
		Note1: Antenna Gain: Ant1: 1.24dBi;										
		Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30k_SISO_80MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2536.02	Edge_1RB_Left	22.91	/	/	24.15	/	/	<=33	Pass
		Edge_1RB_Right	22.40	/	/	23.64	/	/	<=33	Pass

		Outer_Full	25.56	/	/	26.80	/	/	<=33	Pass	
		Inner_Full	26.03	/	/	27.27	/	/	<=33	Pass	
		Inner_1RB_Left	25.95	/	/	27.19	/	/	<=33	Pass	
		Inner_1RB_Right	25.83	/	/	27.07	/	/	<=33	Pass	
		2592.99	Edge_1RB_Left	21.77	/	/	23.01	/	/	<=33	Pass
			Edge_1RB_Right	22.32	/	/	23.56	/	/	<=33	Pass
			Outer_Full	25.12	/	/	26.36	/	/	<=33	Pass
			Inner_Full	25.60	/	/	26.84	/	/	<=33	Pass
			Inner_1RB_Left	25.28	/	/	26.52	/	/	<=33	Pass
		2649.99	Inner_1RB_Right	25.73	/	/	26.97	/	/	<=33	Pass
			Edge_1RB_Left	21.76	/	/	23.00	/	/	<=33	Pass
			Edge_1RB_Right	22.55	/	/	23.79	/	/	<=33	Pass
			Outer_Full	25.17	/	/	26.41	/	/	<=33	Pass
			Inner_Full	25.77	/	/	27.01	/	/	<=33	Pass
		DFT-s-OFDM QPSK	2536.02	Inner_1RB_Left	25.27	/	/	26.51	/	/	<=33
Inner_1RB_Right	25.95			/	/	27.19	/	/	<=33	Pass	
Edge_1RB_Left	22.92			/	/	24.16	/	/	<=33	Pass	
Edge_1RB_Right	22.33			/	/	23.57	/	/	<=33	Pass	
Outer_Full	25.02			/	/	26.26	/	/	<=33	Pass	
2592.99	Inner_Full		26.01	/	/	27.25	/	/	<=33	Pass	
	Inner_1RB_Left		25.82	/	/	27.06	/	/	<=33	Pass	
	Inner_1RB_Right		25.85	/	/	27.09	/	/	<=33	Pass	
	Edge_1RB_Left		21.77	/	/	23.01	/	/	<=33	Pass	
	Edge_1RB_Right		22.19	/	/	23.43	/	/	<=33	Pass	
2649.99	Outer_Full		24.59	/	/	25.83	/	/	<=33	Pass	
	Inner_Full		25.50	/	/	26.74	/	/	<=33	Pass	
	Inner_1RB_Left		25.30	/	/	26.54	/	/	<=33	Pass	
	Inner_1RB_Right		25.75	/	/	26.99	/	/	<=33	Pass	
	Edge_1RB_Left		21.78	/	/	23.02	/	/	<=33	Pass	
DFT-s-OFDM 16 QAM	2536.02	Edge_1RB_Right	22.56	/	/	23.80	/	/	<=33	Pass	
		Outer_Full	24.66	/	/	25.90	/	/	<=33	Pass	
		Inner_Full	25.70	/	/	26.94	/	/	<=33	Pass	
		Inner_1RB_Left	25.26	/	/	26.50	/	/	<=33	Pass	
		Inner_1RB_Right	26.18	/	/	27.42	/	/	<=33	Pass	
2592.99	Edge_1RB_Left	23.12	/	/	24.36	/	/	<=33	Pass		
	Edge_1RB_Right	22.56	/	/	23.80	/	/	<=33	Pass		
	Outer_Full	24.02	/	/	25.26	/	/	<=33	Pass		
	Inner_Full	25.04	/	/	26.28	/	/	<=33	Pass		
	Inner_1RB_Left	25.29	/	/	26.53	/	/	<=33	Pass		
	Inner_1RB_Right	25.09	/	/	26.33	/	/	<=33	Pass		
	Edge_1RB_Left	21.89	/	/	23.13	/	/	<=33	Pass		
	Edge_1RB_Right	22.26	/	/	23.50	/	/	<=33	Pass		
	Outer_Full	23.59	/	/	24.83	/	/	<=33	Pass		
	Inner_Full	24.51	/	/	25.75	/	/	<=33	Pass		
2649.99	Inner_1RB_Left	24.40	/	/	25.64	/	/	<=33	Pass		
	Inner_1RB_Right	24.97	/	/	26.21	/	/	<=33	Pass		
	Edge_1RB_Left	21.92	/	/	23.16	/	/	<=33	Pass		
	Edge_1RB_Right	22.78	/	/	24.02	/	/	<=33	Pass		
	Outer_Full	23.67	/	/	24.91	/	/	<=33	Pass		
2649.99	Inner_Full	24.74	/	/	25.98	/	/	<=33	Pass		
	Inner_1RB_Left	24.61	/	/	25.85	/	/	<=33	Pass		



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		Inner 1RB Right	25.42	/	/	26.66	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2536.02	Edge 1RB Left	22.73	/	/	23.97	/	/	<=33	Pass
		Edge 1RB Right	22.17	/	/	23.41	/	/	<=33	Pass
		Outer Full	23.50	/	/	24.74	/	/	<=33	Pass
		Inner Full	23.54	/	/	24.78	/	/	<=33	Pass
		Inner 1RB Left	23.73	/	/	24.97	/	/	<=33	Pass
		Inner 1RB Right	23.21	/	/	24.45	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.57	/	/	22.81	/	/	<=33	Pass
		Edge 1RB Right	22.02	/	/	23.26	/	/	<=33	Pass
		Outer Full	23.15	/	/	24.39	/	/	<=33	Pass
		Inner Full	22.97	/	/	24.21	/	/	<=33	Pass
		Inner 1RB Left	22.76	/	/	24.00	/	/	<=33	Pass
		Inner 1RB Right	23.25	/	/	24.49	/	/	<=33	Pass
	2649.99	Edge 1RB Left	21.61	/	/	22.85	/	/	<=33	Pass
		Edge 1RB Right	22.37	/	/	23.61	/	/	<=33	Pass
		Outer Full	23.17	/	/	24.41	/	/	<=33	Pass
		Inner Full	23.29	/	/	24.53	/	/	<=33	Pass
		Inner 1RB Left	22.64	/	/	23.88	/	/	<=33	Pass
		Inner 1RB Right	23.36	/	/	24.60	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2536.02	Edge 1RB Left	21.76	/	/	23.00	/	/	<=33	Pass
		Edge 1RB Right	21.25	/	/	22.49	/	/	<=33	Pass
		Outer Full	21.50	/	/	22.74	/	/	<=33	Pass
		Inner Full	21.54	/	/	22.78	/	/	<=33	Pass
		Inner 1RB Left	21.81	/	/	23.05	/	/	<=33	Pass
		Inner 1RB Right	21.25	/	/	22.49	/	/	<=33	Pass
	2592.99	Edge 1RB Left	20.71	/	/	21.95	/	/	<=33	Pass
		Edge 1RB Right	21.01	/	/	22.25	/	/	<=33	Pass
		Outer Full	21.14	/	/	22.38	/	/	<=33	Pass
		Inner Full	21.03	/	/	22.27	/	/	<=33	Pass
		Inner 1RB Left	20.67	/	/	21.91	/	/	<=33	Pass
		Inner 1RB Right	21.13	/	/	22.37	/	/	<=33	Pass
	2649.99	Edge 1RB Left	20.65	/	/	21.89	/	/	<=33	Pass
		Edge 1RB Right	21.69	/	/	22.93	/	/	<=33	Pass
		Outer Full	21.18	/	/	22.42	/	/	<=33	Pass
		Inner Full	21.26	/	/	22.50	/	/	<=33	Pass
		Inner 1RB Left	20.65	/	/	21.89	/	/	<=33	Pass
		Inner 1RB Right	21.49	/	/	22.73	/	/	<=33	Pass
CP-OFDM QPSK	2536.02	Edge 1RB Left	22.99	/	/	24.23	/	/	<=33	Pass
		Edge 1RB Right	22.38	/	/	23.62	/	/	<=33	Pass
		Outer Full	22.99	/	/	24.23	/	/	<=33	Pass
		Inner Full	24.52	/	/	25.76	/	/	<=33	Pass
		Inner 1RB Left	24.24	/	/	25.48	/	/	<=33	Pass
		Inner 1RB Right	24.45	/	/	25.69	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.81	/	/	23.05	/	/	<=33	Pass
		Edge 1RB Right	22.28	/	/	23.52	/	/	<=33	Pass
		Outer Full	22.60	/	/	23.84	/	/	<=33	Pass
		Inner Full	23.96	/	/	25.20	/	/	<=33	Pass
		Inner 1RB Left	23.72	/	/	24.96	/	/	<=33	Pass
		Inner 1RB Right	24.23	/	/	25.47	/	/	<=33	Pass
	2649.99	Edge 1RB Left	21.79	/	/	23.03	/	/	<=33	Pass
		Edge 1RB Right	22.59	/	/	23.83	/	/	<=33	Pass



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		Outer_Full	22.65	/	/	23.89	/	/	<=33	Pass
		Inner_Full	24.20	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Left	23.69	/	/	24.93	/	/	<=33	Pass
		Inner_1RB_Right	24.65	/	/	25.89	/	/	<=33	Pass
CP-OFDM 16 QAM	2536.02	Edge_1RB_Left	23.00	/	/	24.24	/	/	<=33	Pass
		Edge_1RB_Right	22.49	/	/	23.73	/	/	<=33	Pass
		Outer_Full	23.07	/	/	24.31	/	/	<=33	Pass
		Inner_Full	24.04	/	/	25.28	/	/	<=33	Pass
		Inner_1RB_Left	24.00	/	/	25.24	/	/	<=33	Pass
		Inner_1RB_Right	24.02	/	/	25.26	/	/	<=33	Pass
		Edge_1RB_Left	21.94	/	/	23.18	/	/	<=33	Pass
		Edge_1RB_Right	22.44	/	/	23.68	/	/	<=33	Pass
	2592.99	Outer_Full	22.58	/	/	23.82	/	/	<=33	Pass
		Inner_Full	23.53	/	/	24.77	/	/	<=33	Pass
		Inner_1RB_Left	23.48	/	/	24.72	/	/	<=33	Pass
		Inner_1RB_Right	24.00	/	/	25.24	/	/	<=33	Pass
		Edge_1RB_Left	21.93	/	/	23.17	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	23.95	/	/	<=33	Pass
	2649.99	Outer_Full	22.69	/	/	23.93	/	/	<=33	Pass
		Inner_Full	23.71	/	/	24.95	/	/	<=33	Pass
		Inner_1RB_Left	23.46	/	/	24.70	/	/	<=33	Pass
		Inner_1RB_Right	24.42	/	/	25.66	/	/	<=33	Pass
CP-OFDM 64 QAM	2536.02	Edge_1RB_Left	22.82	/	/	24.06	/	/	<=33	Pass
		Edge_1RB_Right	22.32	/	/	23.56	/	/	<=33	Pass
		Outer_Full	22.52	/	/	23.76	/	/	<=33	Pass
		Inner_Full	22.54	/	/	23.78	/	/	<=33	Pass
		Inner_1RB_Left	22.89	/	/	24.13	/	/	<=33	Pass
		Inner_1RB_Right	22.31	/	/	23.55	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.82	/	/	23.06	/	/	<=33	Pass
		Edge_1RB_Right	22.28	/	/	23.52	/	/	<=33	Pass
		Outer_Full	22.11	/	/	23.35	/	/	<=33	Pass
		Inner_Full	22.09	/	/	23.33	/	/	<=33	Pass
		Inner_1RB_Left	21.71	/	/	22.95	/	/	<=33	Pass
		Inner_1RB_Right	22.21	/	/	23.45	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	21.76	/	/	23.00	/	/	<=33	Pass
		Edge_1RB_Right	22.53	/	/	23.77	/	/	<=33	Pass
		Outer_Full	22.21	/	/	23.45	/	/	<=33	Pass
		Inner_Full	22.27	/	/	23.51	/	/	<=33	Pass
		Inner_1RB_Left	21.82	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Right	22.65	/	/	23.89	/	/	<=33	Pass
CP-OFDM 256 QAM	2536.02	Edge_1RB_Left	19.87	/	/	21.11	/	/	<=33	Pass
		Edge_1RB_Right	19.28	/	/	20.52	/	/	<=33	Pass
		Outer_Full	19.54	/	/	20.78	/	/	<=33	Pass
		Inner_Full	19.54	/	/	20.78	/	/	<=33	Pass
		Inner_1RB_Left	19.85	/	/	21.09	/	/	<=33	Pass
		Inner_1RB_Right	19.25	/	/	20.49	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.65	/	/	19.89	/	/	<=33	Pass
		Edge_1RB_Right	19.16	/	/	20.40	/	/	<=33	Pass
		Outer_Full	19.14	/	/	20.38	/	/	<=33	Pass
		Inner_Full	19.00	/	/	20.24	/	/	<=33	Pass
		Inner_1RB_Left	18.75	/	/	19.99	/	/	<=33	Pass



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		Inner_1RB_Right	19.13	/	/	20.37	/	/	<=33	Pass
	2649.99	Edge_1RB_Left	18.66	/	/	19.90	/	/	<=33	Pass
		Edge_1RB_Right	19.50	/	/	20.74	/	/	<=33	Pass
		Outer_Full	19.22	/	/	20.46	/	/	<=33	Pass
		Inner_Full	19.24	/	/	20.48	/	/	<=33	Pass
		Inner_1RB_Left	18.71	/	/	19.95	/	/	<=33	Pass
		Inner_1RB_Right	19.49	/	/	20.73	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 1.24dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30k_SISO_90MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2541	Edge 1RB Left	22.97	/	/	24.21	/	/	<=33	Pass
		Edge 1RB Right	22.12	/	/	23.36	/	/	<=33	Pass
		Outer Full	25.40	/	/	26.64	/	/	<=33	Pass
		Inner Full	25.97	/	/	27.21	/	/	<=33	Pass
		Inner 1RB Left	25.84	/	/	27.08	/	/	<=33	Pass
		Inner 1RB Right	25.55	/	/	26.79	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.92	/	/	23.16	/	/	<=33	Pass
		Edge 1RB Right	22.48	/	/	23.72	/	/	<=33	Pass
		Outer Full	25.12	/	/	26.36	/	/	<=33	Pass
		Inner Full	25.63	/	/	26.87	/	/	<=33	Pass
		Inner 1RB Left	25.40	/	/	26.64	/	/	<=33	Pass
		Inner 1RB Right	25.98	/	/	27.22	/	/	<=33	Pass
	2644.98	Edge 1RB Left	21.68	/	/	22.92	/	/	<=33	Pass
		Edge 1RB Right	22.53	/	/	23.77	/	/	<=33	Pass
		Outer Full	25.20	/	/	26.44	/	/	<=33	Pass
		Inner Full	25.69	/	/	26.93	/	/	<=33	Pass
		Inner 1RB Left	25.18	/	/	26.42	/	/	<=33	Pass
		Inner 1RB Right	25.96	/	/	27.20	/	/	<=33	Pass
DFT-s-OFDM QPSK	2541	Edge 1RB Left	22.89	/	/	24.13	/	/	<=33	Pass
		Edge 1RB Right	22.07	/	/	23.31	/	/	<=33	Pass
		Outer Full	24.97	/	/	26.21	/	/	<=33	Pass
		Inner Full	25.98	/	/	27.22	/	/	<=33	Pass
		Inner 1RB Left	25.70	/	/	26.94	/	/	<=33	Pass
		Inner 1RB Right	25.66	/	/	26.90	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.83	/	/	23.07	/	/	<=33	Pass
		Edge 1RB Right	22.45	/	/	23.69	/	/	<=33	Pass
		Outer Full	24.62	/	/	25.86	/	/	<=33	Pass
		Inner Full	25.52	/	/	26.76	/	/	<=33	Pass
		Inner 1RB Left	25.37	/	/	26.61	/	/	<=33	Pass
		Inner 1RB Right	25.94	/	/	27.18	/	/	<=33	Pass
	2644.98	Edge 1RB Left	21.70	/	/	22.94	/	/	<=33	Pass
		Edge 1RB Right	22.55	/	/	23.79	/	/	<=33	Pass
		Outer Full	24.68	/	/	25.92	/	/	<=33	Pass
		Inner Full	25.69	/	/	26.93	/	/	<=33	Pass
		Inner 1RB Left	25.20	/	/	26.44	/	/	<=33	Pass



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		Inner 1RB Right	26.12	/	/	27.36	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2541	Edge 1RB Left	23.15	/	/	24.39	/	/	<=33	Pass
		Edge 1RB Right	22.35	/	/	23.59	/	/	<=33	Pass
		Outer Full	23.92	/	/	25.16	/	/	<=33	Pass
		Inner Full	24.99	/	/	26.23	/	/	<=33	Pass
		Inner 1RB Left	25.10	/	/	26.34	/	/	<=33	Pass
		Inner 1RB Right	24.83	/	/	26.07	/	/	<=33	Pass
	2592.99	Edge 1RB Left	22.07	/	/	23.31	/	/	<=33	Pass
		Edge 1RB Right	22.67	/	/	23.91	/	/	<=33	Pass
		Outer Full	23.57	/	/	24.81	/	/	<=33	Pass
		Inner Full	24.45	/	/	25.69	/	/	<=33	Pass
		Inner 1RB Left	24.62	/	/	25.86	/	/	<=33	Pass
		Inner 1RB Right	25.20	/	/	26.44	/	/	<=33	Pass
	2644.98	Edge 1RB Left	21.91	/	/	23.15	/	/	<=33	Pass
		Edge 1RB Right	22.83	/	/	24.07	/	/	<=33	Pass
		Outer Full	23.71	/	/	24.95	/	/	<=33	Pass
		Inner Full	24.67	/	/	25.91	/	/	<=33	Pass
		Inner 1RB Left	24.32	/	/	25.56	/	/	<=33	Pass
		Inner 1RB Right	25.34	/	/	26.58	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2541	Edge 1RB Left	22.73	/	/	23.97	/	/	<=33	Pass
		Edge 1RB Right	21.97	/	/	23.21	/	/	<=33	Pass
		Outer Full	23.51	/	/	24.75	/	/	<=33	Pass
		Inner Full	23.49	/	/	24.73	/	/	<=33	Pass
		Inner 1RB Left	23.72	/	/	24.96	/	/	<=33	Pass
		Inner 1RB Right	22.98	/	/	24.22	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.85	/	/	23.09	/	/	<=33	Pass
		Edge 1RB Right	22.36	/	/	23.60	/	/	<=33	Pass
		Outer Full	23.12	/	/	24.36	/	/	<=33	Pass
		Inner Full	23.01	/	/	24.25	/	/	<=33	Pass
		Inner 1RB Left	22.75	/	/	23.99	/	/	<=33	Pass
		Inner 1RB Right	23.38	/	/	24.62	/	/	<=33	Pass
	2644.98	Edge 1RB Left	21.60	/	/	22.84	/	/	<=33	Pass
		Edge 1RB Right	22.45	/	/	23.69	/	/	<=33	Pass
		Outer Full	23.21	/	/	24.45	/	/	<=33	Pass
		Inner Full	23.21	/	/	24.45	/	/	<=33	Pass
		Inner 1RB Left	22.58	/	/	23.82	/	/	<=33	Pass
		Inner 1RB Right	23.29	/	/	24.53	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2541	Edge 1RB Left	21.83	/	/	23.07	/	/	<=33	Pass
		Edge 1RB Right	20.98	/	/	22.22	/	/	<=33	Pass
		Outer Full	21.45	/	/	22.69	/	/	<=33	Pass
		Inner Full	21.49	/	/	22.73	/	/	<=33	Pass
		Inner 1RB Left	21.77	/	/	23.01	/	/	<=33	Pass
		Inner 1RB Right	21.01	/	/	22.25	/	/	<=33	Pass
	2592.99	Edge 1RB Left	20.79	/	/	22.03	/	/	<=33	Pass
		Edge 1RB Right	21.27	/	/	22.51	/	/	<=33	Pass
		Outer Full	21.06	/	/	22.30	/	/	<=33	Pass
		Inner Full	21.02	/	/	22.26	/	/	<=33	Pass
		Inner 1RB Left	20.75	/	/	21.99	/	/	<=33	Pass
		Inner 1RB Right	21.28	/	/	22.52	/	/	<=33	Pass
	2644.98	Edge 1RB Left	20.55	/	/	21.79	/	/	<=33	Pass
		Edge 1RB Right	21.48	/	/	22.72	/	/	<=33	Pass



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CP-OFDM QPSK		Outer_Full	21.19	/	/	22.43	/	/	<=33	Pass
		Inner_Full	21.22	/	/	22.46	/	/	<=33	Pass
		Inner_1RB_Left	20.68	/	/	21.92	/	/	<=33	Pass
		Inner_1RB_Right	21.47	/	/	22.71	/	/	<=33	Pass
	2541	Edge_1RB_Left	22.87	/	/	24.11	/	/	<=33	Pass
		Edge_1RB_Right	22.15	/	/	23.39	/	/	<=33	Pass
		Outer_Full	22.95	/	/	24.19	/	/	<=33	Pass
		Inner_Full	24.42	/	/	25.66	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	24.14	/	/	25.38	/	/	<=33	Pass
		Inner_1RB_Right	24.15	/	/	25.39	/	/	<=33	Pass
		Edge_1RB_Left	21.87	/	/	23.11	/	/	<=33	Pass
		Edge_1RB_Right	22.50	/	/	23.74	/	/	<=33	Pass
	2644.98	Outer_Full	22.60	/	/	23.84	/	/	<=33	Pass
		Inner_Full	23.99	/	/	25.23	/	/	<=33	Pass
		Inner_1RB_Left	23.84	/	/	25.08	/	/	<=33	Pass
		Inner_1RB_Right	24.51	/	/	25.75	/	/	<=33	Pass
CP-OFDM 16 QAM	2541	Edge_1RB_Left	21.73	/	/	22.97	/	/	<=33	Pass
		Edge_1RB_Right	22.63	/	/	23.87	/	/	<=33	Pass
		Outer_Full	22.70	/	/	23.94	/	/	<=33	Pass
		Inner_Full	24.17	/	/	25.41	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	23.87	/	/	25.11	/	/	<=33	Pass
		Inner_1RB_Right	24.58	/	/	25.82	/	/	<=33	Pass
		Edge_1RB_Left	23.02	/	/	24.26	/	/	<=33	Pass
		Edge_1RB_Right	22.29	/	/	23.53	/	/	<=33	Pass
	2644.98	Outer_Full	22.98	/	/	24.22	/	/	<=33	Pass
		Inner_Full	23.95	/	/	25.19	/	/	<=33	Pass
		Inner_1RB_Left	23.90	/	/	25.14	/	/	<=33	Pass
		Inner_1RB_Right	23.75	/	/	24.99	/	/	<=33	Pass
CP-OFDM 64 QAM	2541	Edge_1RB_Left	22.08	/	/	23.32	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	23.95	/	/	<=33	Pass
		Outer_Full	22.65	/	/	23.89	/	/	<=33	Pass
		Inner_Full	23.54	/	/	24.78	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	23.57	/	/	24.81	/	/	<=33	Pass
		Inner_1RB_Right	24.10	/	/	25.34	/	/	<=33	Pass
		Edge_1RB_Left	21.93	/	/	23.17	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	23.99	/	/	<=33	Pass
	2644.98	Outer_Full	22.73	/	/	23.97	/	/	<=33	Pass
		Inner_Full	23.69	/	/	24.93	/	/	<=33	Pass
		Inner_1RB_Left	23.35	/	/	24.59	/	/	<=33	Pass
		Inner_1RB_Right	24.15	/	/	25.39	/	/	<=33	Pass
CP-OFDM 64 QAM	2541	Edge_1RB_Left	22.82	/	/	24.06	/	/	<=33	Pass
		Edge_1RB_Right	22.13	/	/	23.37	/	/	<=33	Pass
		Outer_Full	22.42	/	/	23.66	/	/	<=33	Pass
		Inner_Full	22.48	/	/	23.72	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	22.86	/	/	24.10	/	/	<=33	Pass
		Inner_1RB_Right	22.14	/	/	23.38	/	/	<=33	Pass
		Edge_1RB_Left	21.86	/	/	23.10	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	23.75	/	/	<=33	Pass



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CP-OFDM 256 QAM	2644.98	Inner 1RB Right	22.52	/	/	23.76	/	/	<=33	Pass
		Edge 1RB Left	21.68	/	/	22.92	/	/	<=33	Pass
		Edge 1RB Right	22.56	/	/	23.80	/	/	<=33	Pass
		Outer Full	22.23	/	/	23.47	/	/	<=33	Pass
		Inner Full	22.25	/	/	23.49	/	/	<=33	Pass
		Inner 1RB Left	21.76	/	/	23.00	/	/	<=33	Pass
		Inner 1RB Right	22.57	/	/	23.81	/	/	<=33	Pass
	2541	Edge 1RB Left	19.83	/	/	21.07	/	/	<=33	Pass
		Edge 1RB Right	19.04	/	/	20.28	/	/	<=33	Pass
		Outer Full	19.44	/	/	20.68	/	/	<=33	Pass
		Inner Full	19.49	/	/	20.73	/	/	<=33	Pass
		Inner 1RB Left	19.89	/	/	21.13	/	/	<=33	Pass
		Inner 1RB Right	19.04	/	/	20.28	/	/	<=33	Pass
	2592.99	Edge 1RB Left	18.77	/	/	20.01	/	/	<=33	Pass
		Edge 1RB Right	19.40	/	/	20.64	/	/	<=33	Pass
		Outer Full	19.11	/	/	20.35	/	/	<=33	Pass
		Inner Full	19.00	/	/	20.24	/	/	<=33	Pass
		Inner 1RB Left	18.86	/	/	20.10	/	/	<=33	Pass
		Inner 1RB Right	19.42	/	/	20.66	/	/	<=33	Pass
	2644.98	Edge 1RB Left	18.69	/	/	19.93	/	/	<=33	Pass
		Edge 1RB Right	19.57	/	/	20.81	/	/	<=33	Pass
		Outer Full	19.22	/	/	20.46	/	/	<=33	Pass
		Inner Full	19.25	/	/	20.49	/	/	<=33	Pass
		Inner 1RB Left	18.71	/	/	19.95	/	/	<=33	Pass
		Inner 1RB Right	19.57	/	/	20.81	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 1.24dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.8 30k_SISO_100MHz_NTNV_EIRP

5G NR n41 SCS=30kHz SISO 100MHz 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	2546.01	Edge 1RB Left	22.91	/	/	24.15	/	/	<=33	Pass
		Edge 1RB Right	21.96	/	/	23.20	/	/	<=33	Pass
		Outer Full	25.44	/	/	26.68	/	/	<=33	Pass
		Inner Full	25.89	/	/	27.13	/	/	<=33	Pass
		Inner 1RB Left	25.65	/	/	26.89	/	/	<=33	Pass
		Inner 1RB Right	25.43	/	/	26.67	/	/	<=33	Pass
	2592.99	Edge 1RB Left	21.97	/	/	23.21	/	/	<=33	Pass
		Edge 1RB Right	22.65	/	/	23.89	/	/	<=33	Pass
		Outer Full	25.16	/	/	26.40	/	/	<=33	Pass
		Inner Full	25.55	/	/	26.79	/	/	<=33	Pass
		Inner 1RB Left	25.45	/	/	26.69	/	/	<=33	Pass
		Inner 1RB Right	26.14	/	/	27.38	/	/	<=33	Pass
	2640	Edge 1RB Left	21.63	/	/	22.87	/	/	<=33	Pass
		Edge 1RB Right	22.65	/	/	23.89	/	/	<=33	Pass
		Outer Full	25.27	/	/	26.51	/	/	<=33	Pass
		Inner Full	25.66	/	/	26.90	/	/	<=33	Pass
		Inner 1RB Left	25.12	/	/	26.36	/	/	<=33	Pass



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		Inner_1RB_Right	26.06	/	/	27.30	/	/	<=33	Pass
DFT-s-OFDM QPSK	2546.01	Edge_1RB_Left	22.84	/	/	24.08	/	/	<=33	Pass
		Edge_1RB_Right	21.92	/	/	23.16	/	/	<=33	Pass
		Outer_Full	24.89	/	/	26.13	/	/	<=33	Pass
		Inner_Full	25.93	/	/	27.17	/	/	<=33	Pass
		Inner_1RB_Left	25.54	/	/	26.78	/	/	<=33	Pass
		Inner_1RB_Right	25.44	/	/	26.68	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.93	/	/	23.17	/	/	<=33	Pass
		Edge_1RB_Right	22.70	/	/	23.94	/	/	<=33	Pass
		Outer_Full	24.62	/	/	25.86	/	/	<=33	Pass
		Inner_Full	25.54	/	/	26.78	/	/	<=33	Pass
		Inner_1RB_Left	25.40	/	/	26.64	/	/	<=33	Pass
		Inner_1RB_Right	26.18	/	/	27.42	/	/	<=33	Pass
	2640	Edge_1RB_Left	21.61	/	/	22.85	/	/	<=33	Pass
		Edge_1RB_Right	22.65	/	/	23.89	/	/	<=33	Pass
		Outer_Full	24.65	/	/	25.89	/	/	<=33	Pass
		Inner_Full	25.68	/	/	26.92	/	/	<=33	Pass
		Inner_1RB_Left	25.11	/	/	26.35	/	/	<=33	Pass
		Inner_1RB_Right	26.21	/	/	27.45	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2546.01	Edge_1RB_Left	23.15	/	/	24.39	/	/	<=33	Pass
		Edge_1RB_Right	22.11	/	/	23.35	/	/	<=33	Pass
		Outer_Full	23.86	/	/	25.10	/	/	<=33	Pass
		Inner_Full	24.94	/	/	26.18	/	/	<=33	Pass
		Inner_1RB_Left	24.90	/	/	26.14	/	/	<=33	Pass
		Inner_1RB_Right	24.65	/	/	25.89	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	22.14	/	/	23.38	/	/	<=33	Pass
		Edge_1RB_Right	22.90	/	/	24.14	/	/	<=33	Pass
		Outer_Full	23.61	/	/	24.85	/	/	<=33	Pass
		Inner_Full	24.53	/	/	25.77	/	/	<=33	Pass
		Inner_1RB_Left	24.65	/	/	25.89	/	/	<=33	Pass
		Inner_1RB_Right	25.51	/	/	26.75	/	/	<=33	Pass
	2640	Edge_1RB_Left	21.92	/	/	23.16	/	/	<=33	Pass
		Edge_1RB_Right	22.99	/	/	24.23	/	/	<=33	Pass
		Outer_Full	23.68	/	/	24.92	/	/	<=33	Pass
		Inner_Full	24.63	/	/	25.87	/	/	<=33	Pass
		Inner_1RB_Left	24.44	/	/	25.68	/	/	<=33	Pass
		Inner_1RB_Right	25.76	/	/	27.00	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2546.01	Edge_1RB_Left	22.59	/	/	23.83	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	23.01	/	/	<=33	Pass
		Outer_Full	23.39	/	/	24.63	/	/	<=33	Pass
		Inner_Full	23.37	/	/	24.61	/	/	<=33	Pass
		Inner_1RB_Left	23.61	/	/	24.85	/	/	<=33	Pass
		Inner_1RB_Right	22.79	/	/	24.03	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.78	/	/	23.02	/	/	<=33	Pass
		Edge_1RB_Right	22.48	/	/	23.72	/	/	<=33	Pass
		Outer_Full	22.98	/	/	24.22	/	/	<=33	Pass
		Inner_Full	23.03	/	/	24.27	/	/	<=33	Pass
		Inner_1RB_Left	22.81	/	/	24.05	/	/	<=33	Pass
		Inner_1RB_Right	23.48	/	/	24.72	/	/	<=33	Pass
	2640	Edge_1RB_Left	21.51	/	/	22.75	/	/	<=33	Pass
		Edge_1RB_Right	22.51	/	/	23.75	/	/	<=33	Pass



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DFT-s-OFDM 256 QAM		Outer_Full	23.20	/	/	24.44	/	/	<=33	Pass
		Inner_Full	23.13	/	/	24.37	/	/	<=33	Pass
		Inner_1RB_Left	22.51	/	/	23.75	/	/	<=33	Pass
		Inner_1RB_Right	23.53	/	/	24.77	/	/	<=33	Pass
	2546.01	Edge_1RB_Left	21.74	/	/	22.98	/	/	<=33	Pass
		Edge_1RB_Right	20.81	/	/	22.05	/	/	<=33	Pass
		Outer_Full	21.32	/	/	22.56	/	/	<=33	Pass
		Inner_Full	21.43	/	/	22.67	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	21.75	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Right	20.82	/	/	22.06	/	/	<=33	Pass
		Edge_1RB_Left	20.90	/	/	22.14	/	/	<=33	Pass
		Edge_1RB_Right	21.55	/	/	22.79	/	/	<=33	Pass
	2640	Outer_Full	21.07	/	/	22.31	/	/	<=33	Pass
		Inner_Full	21.06	/	/	22.30	/	/	<=33	Pass
		Inner_1RB_Left	20.87	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Right	21.54	/	/	22.78	/	/	<=33	Pass
CP-OFDM QPSK	2546.01	Edge_1RB_Left	20.54	/	/	21.78	/	/	<=33	Pass
		Edge_1RB_Right	21.58	/	/	22.82	/	/	<=33	Pass
		Outer_Full	21.13	/	/	22.37	/	/	<=33	Pass
		Inner_Full	21.17	/	/	22.41	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	20.56	/	/	21.80	/	/	<=33	Pass
		Inner_1RB_Right	21.54	/	/	22.78	/	/	<=33	Pass
		Edge_1RB_Left	22.78	/	/	24.02	/	/	<=33	Pass
		Edge_1RB_Right	21.89	/	/	23.13	/	/	<=33	Pass
	2640	Outer_Full	22.88	/	/	24.12	/	/	<=33	Pass
		Inner_Full	24.37	/	/	25.61	/	/	<=33	Pass
		Inner_1RB_Left	24.08	/	/	25.32	/	/	<=33	Pass
		Inner_1RB_Right	23.89	/	/	25.13	/	/	<=33	Pass
CP-OFDM 16 QAM	2546.01	Edge_1RB_Left	21.96	/	/	23.20	/	/	<=33	Pass
		Edge_1RB_Right	22.74	/	/	23.98	/	/	<=33	Pass
		Outer_Full	22.65	/	/	23.89	/	/	<=33	Pass
		Inner_Full	24.00	/	/	25.24	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	23.99	/	/	25.23	/	/	<=33	Pass
		Inner_1RB_Right	24.77	/	/	26.01	/	/	<=33	Pass
		Edge_1RB_Left	21.62	/	/	22.86	/	/	<=33	Pass
		Edge_1RB_Right	22.81	/	/	24.05	/	/	<=33	Pass
	2640	Outer_Full	22.65	/	/	23.89	/	/	<=33	Pass
		Inner_Full	24.12	/	/	25.36	/	/	<=33	Pass
		Inner_1RB_Left	23.65	/	/	24.89	/	/	<=33	Pass
		Inner_1RB_Right	24.76	/	/	26.00	/	/	<=33	Pass
	2546.01	Edge_1RB_Left	22.85	/	/	24.09	/	/	<=33	Pass
		Edge_1RB_Right	22.09	/	/	23.33	/	/	<=33	Pass
		Outer_Full	22.83	/	/	24.07	/	/	<=33	Pass
		Inner_Full	23.91	/	/	25.15	/	/	<=33	Pass
	2592.99	Inner_1RB_Left	23.76	/	/	25.00	/	/	<=33	Pass
		Inner_1RB_Right	23.71	/	/	24.95	/	/	<=33	Pass
		Edge_1RB_Left	22.15	/	/	23.39	/	/	<=33	Pass
		Edge_1RB_Right	22.84	/	/	24.08	/	/	<=33	Pass
		Outer_Full	22.60	/	/	23.84	/	/	<=33	Pass
		Inner_Full	23.56	/	/	24.80	/	/	<=33	Pass
		Inner_1RB_Left	23.52	/	/	24.76	/	/	<=33	Pass



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	2640	Inner_1RB_Right	24.22	/	/	25.46	/	/	<=33	Pass
		Edge_1RB_Left	21.80	/	/	23.04	/	/	<=33	Pass
		Edge_1RB_Right	23.00	/	/	24.24	/	/	<=33	Pass
		Outer_Full	22.69	/	/	23.93	/	/	<=33	Pass
		Inner_Full	23.71	/	/	24.95	/	/	<=33	Pass
		Inner_1RB_Left	23.27	/	/	24.51	/	/	<=33	Pass
		Inner_1RB_Right	24.38	/	/	25.62	/	/	<=33	Pass
CP-OFDM 64 QAM	2546.01	Edge_1RB_Left	22.14	/	/	23.38	/	/	<=33	Pass
		Edge_1RB_Right	21.88	/	/	23.12	/	/	<=33	Pass
		Outer_Full	22.35	/	/	23.59	/	/	<=33	Pass
		Inner_Full	22.41	/	/	23.65	/	/	<=33	Pass
		Inner_1RB_Left	22.21	/	/	23.45	/	/	<=33	Pass
		Inner_1RB_Right	21.84	/	/	23.08	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	21.90	/	/	23.14	/	/	<=33	Pass
		Edge_1RB_Right	22.73	/	/	23.97	/	/	<=33	Pass
		Outer_Full	22.12	/	/	23.36	/	/	<=33	Pass
		Inner_Full	21.99	/	/	23.23	/	/	<=33	Pass
		Inner_1RB_Left	21.95	/	/	23.19	/	/	<=33	Pass
		Inner_1RB_Right	22.74	/	/	23.98	/	/	<=33	Pass
	2640	Edge_1RB_Left	21.69	/	/	22.93	/	/	<=33	Pass
		Edge_1RB_Right	22.76	/	/	24.00	/	/	<=33	Pass
		Outer_Full	22.13	/	/	23.37	/	/	<=33	Pass
		Inner_Full	22.15	/	/	23.39	/	/	<=33	Pass
		Inner_1RB_Left	21.60	/	/	22.84	/	/	<=33	Pass
		Inner_1RB_Right	22.66	/	/	23.90	/	/	<=33	Pass
CP-OFDM 256 QAM	2546.01	Edge_1RB_Left	19.84	/	/	21.08	/	/	<=33	Pass
		Edge_1RB_Right	18.89	/	/	20.13	/	/	<=33	Pass
		Outer_Full	19.42	/	/	20.66	/	/	<=33	Pass
		Inner_Full	19.43	/	/	20.67	/	/	<=33	Pass
		Inner_1RB_Left	19.87	/	/	21.11	/	/	<=33	Pass
		Inner_1RB_Right	18.88	/	/	20.12	/	/	<=33	Pass
	2592.99	Edge_1RB_Left	18.80	/	/	20.04	/	/	<=33	Pass
		Edge_1RB_Right	19.64	/	/	20.88	/	/	<=33	Pass
		Outer_Full	19.16	/	/	20.40	/	/	<=33	Pass
		Inner_Full	19.06	/	/	20.30	/	/	<=33	Pass
		Inner_1RB_Left	18.93	/	/	20.17	/	/	<=33	Pass
		Inner_1RB_Right	19.59	/	/	20.83	/	/	<=33	Pass
	2640	Edge_1RB_Left	18.59	/	/	19.83	/	/	<=33	Pass
		Edge_1RB_Right	19.66	/	/	20.90	/	/	<=33	Pass
		Outer_Full	19.23	/	/	20.47	/	/	<=33	Pass
		Inner_Full	19.20	/	/	20.44	/	/	<=33	Pass
		Inner_1RB_Left	18.61	/	/	19.85	/	/	<=33	Pass
		Inner_1RB_Right	19.62	/	/	20.86	/	/	<=33	Pass
Note1: Antenna Gain: Ant1: 1.24dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result



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2.1.1 30k_SISO_100MHz

5G NR n41 SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2592.99	Outer_Full	20	LV	-17.70	-0.0068	>=-2.5 & <=2.5	Pass
				HV	8.00	0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-22.10	-0.0085	>=-2.5 & <=2.5	Pass
			-20	NV	-16.00	-0.0062	>=-2.5 & <=2.5	Pass
			-10	NV	-10.10	-0.0039	>=-2.5 & <=2.5	Pass
			0	NV	-10.80	-0.0042	>=-2.5 & <=2.5	Pass
			10	NV	-17.70	-0.0068	>=-2.5 & <=2.5	Pass
			20	NV	-15.10	-0.0058	>=-2.5 & <=2.5	Pass
			30	NV	-13.20	-0.0051	>=-2.5 & <=2.5	Pass
			40	NV	-3.70	-0.0014	>=-2.5 & <=2.5	Pass
			50	NV	-6.60	-0.0025	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_20MHz_NTNV

5G NR n41 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	18.02	19.61	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	18.00	19.29	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	18.02	19.73	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	18.07	19.58	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	17.95	19.23	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	18.32	19.86	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	18.39	19.91	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	18.25	19.84	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	18.31	19.59	/	Pass

3.1.2 30k_SISO_30MHz_NTNV

5G NR n41 SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	27.11	29.36	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	27.25	29.40	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	27.18	29.27	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	27.06	29.35	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	27.18	29.41	/	Pass



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CP-OFDM QPSK	2592.99	Outer_Full	28.14	30.41	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	28.17	31.10	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	28.19	30.34	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	28.12	30.40	/	Pass

3.1.3 30k_SISO_40MHz_NTNV

5G NR n41 SCS=30kHz SISO 40MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	35.81	38.23	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	35.87	38.41	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	35.84	38.40	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	35.99	38.23	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	35.79	38.38	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	38.01	40.41	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	38.12	40.55	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	38.00	40.38	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	37.91	40.67	/	Pass

3.1.4 30k_SISO_50MHz_NTNV

5G NR n41 SCS=30kHz SISO 50MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	45.87	48.40	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	45.84	48.46	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	45.89	48.46	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	45.87	48.57	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	45.86	48.40	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	47.67	50.25	/	Pass
CP-OFDM 16 QAM	2592.99	Outer_Full	47.65	50.19	/	Pass
CP-OFDM 64 QAM	2592.99	Outer_Full	47.72	50.23	/	Pass
CP-OFDM 256 QAM	2592.99	Outer_Full	47.73	50.17	/	Pass

3.1.5 30k_SISO_60MHz_NTNV

5G NR n41 SCS=30kHz SISO 60MHz NTNV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2592.99	Outer_Full	58.56	62.80	/	Pass
DFT-s-OFDM QPSK	2592.99	Outer_Full	58.41	62.86	/	Pass
DFT-s-OFDM 16 QAM	2592.99	Outer_Full	58.50	63.19	/	Pass
DFT-s-OFDM 64 QAM	2592.99	Outer_Full	58.44	62.75	/	Pass
DFT-s-OFDM 256 QAM	2592.99	Outer_Full	58.33	62.85	/	Pass
CP-OFDM QPSK	2592.99	Outer_Full	58.46	62.89	/	Pass