

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_10MHz_NTNV_EIRP

5G NR n78e SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3455.01	Edge_1RB_Left	21.09	/	/	21.44	/	/	<=30	Pass
		Edge_1RB_Right	20.66	/	/	21.01	/	/	<=30	Pass
		Outer_Full	22.18	/	/	22.53	/	/	<=30	Pass
		Inner_Full	23.81	/	/	24.16	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Right	24.09	/	/	24.44	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	21.07	/	/	21.42	/	/	<=30	Pass
		Edge_1RB_Right	20.40	/	/	20.75	/	/	<=30	Pass
		Outer_Full	22.33	/	/	22.68	/	/	<=30	Pass
		Inner_Full	23.60	/	/	23.95	/	/	<=30	Pass
		Inner_1RB_Left	23.61	/	/	23.96	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	24.06	/	/	<=30	Pass
	3544.995	Edge_1RB_Left	20.94	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	20.47	/	/	20.82	/	/	<=30	Pass
		Outer_Full	22.02	/	/	22.37	/	/	<=30	Pass
		Inner_Full	23.52	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Left	23.53	/	/	23.88	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	24.12	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Edge_1RB_Left	20.94	/	/	21.29	/	/	<=30	Pass
		Edge_1RB_Right	20.58	/	/	20.93	/	/	<=30	Pass
		Outer_Full	20.28	/	/	20.63	/	/	<=30	Pass
		Inner_Full	21.96	/	/	22.31	/	/	<=30	Pass
		Inner_1RB_Left	21.87	/	/	22.22	/	/	<=30	Pass
		Inner_1RB_Right	22.24	/	/	22.59	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	20.96	/	/	21.31	/	/	<=30	Pass
		Edge_1RB_Right	20.39	/	/	20.74	/	/	<=30	Pass
		Outer_Full	20.20	/	/	20.55	/	/	<=30	Pass
		Inner_Full	22.13	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Left	22.06	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Right	22.20	/	/	22.55	/	/	<=30	Pass
	3544.995	Edge_1RB_Left	20.75	/	/	21.10	/	/	<=30	Pass
		Edge_1RB_Right	20.32	/	/	20.67	/	/	<=30	Pass
		Outer_Full	20.16	/	/	20.51	/	/	<=30	Pass
		Inner_Full	21.82	/	/	22.17	/	/	<=30	Pass
		Inner_1RB_Left	21.65	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Right	21.95	/	/	22.30	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Edge_1RB_Left	20.88	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	20.47	/	/	20.82	/	/	<=30	Pass
		Outer_Full	19.78	/	/	20.13	/	/	<=30	Pass
		Inner_Full	20.27	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Left	20.11	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	20.42	/	/	20.77	/	/	<=30	Pass
	3499.995	Edge_1RB_Left	20.87	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	20.24	/	/	20.59	/	/	<=30	Pass
		Outer_Full	19.77	/	/	20.12	/	/	<=30	Pass
		Inner_Full	20.29	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Left	20.15	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Right	20.27	/	/	20.62	/	/	<=30	Pass
	3544.995	Edge_1RB_Left	20.94	/	/	21.29	/	/	<=30	Pass

		Edge 1RB Right	20.45	/	/	20.80	/	/	<=30	Pass
		Outer Full	19.62	/	/	19.97	/	/	<=30	Pass
		Inner Full	20.11	/	/	20.46	/	/	<=30	Pass
		Inner 1RB Left	20.18	/	/	20.53	/	/	<=30	Pass
		Inner 1RB Right	20.47	/	/	20.82	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3455.01	Edge 1RB Left	19.81	/	/	20.16	/	/	<=30	Pass
		Edge 1RB Right	19.41	/	/	19.76	/	/	<=30	Pass
		Outer Full	18.57	/	/	18.92	/	/	<=30	Pass
		Inner Full	19.02	/	/	19.37	/	/	<=30	Pass
		Inner 1RB Left	19.03	/	/	19.38	/	/	<=30	Pass
	3499.995	Inner 1RB Right	19.40	/	/	19.75	/	/	<=30	Pass
		Edge 1RB Left	19.20	/	/	19.55	/	/	<=30	Pass
		Edge 1RB Right	18.54	/	/	18.89	/	/	<=30	Pass
		Outer Full	18.01	/	/	18.36	/	/	<=30	Pass
		Inner Full	18.52	/	/	18.87	/	/	<=30	Pass
	3544.995	Inner 1RB Left	18.41	/	/	18.76	/	/	<=30	Pass
		Inner 1RB Right	18.54	/	/	18.89	/	/	<=30	Pass
		Edge 1RB Left	19.05	/	/	19.40	/	/	<=30	Pass
		Edge 1RB Right	18.57	/	/	18.92	/	/	<=30	Pass
		Outer Full	17.94	/	/	18.29	/	/	<=30	Pass
CP-OFDM QPSK	3455.01	Inner Full	18.44	/	/	18.79	/	/	<=30	Pass
		Inner 1RB Left	18.26	/	/	18.61	/	/	<=30	Pass
		Inner 1RB Right	18.58	/	/	18.93	/	/	<=30	Pass
		Edge 1RB Left	21.01	/	/	21.36	/	/	<=30	Pass
		Edge 1RB Right	20.60	/	/	20.95	/	/	<=30	Pass
	3499.995	Outer Full	19.48	/	/	19.83	/	/	<=30	Pass
		Inner Full	21.44	/	/	21.79	/	/	<=30	Pass
		Inner 1RB Left	21.50	/	/	21.85	/	/	<=30	Pass
		Inner 1RB Right	21.84	/	/	22.19	/	/	<=30	Pass
		Edge 1RB Left	21.05	/	/	21.40	/	/	<=30	Pass
	3544.995	Edge 1RB Right	20.43	/	/	20.78	/	/	<=30	Pass
		Outer Full	19.47	/	/	19.82	/	/	<=30	Pass
		Inner Full	21.55	/	/	21.90	/	/	<=30	Pass
		Inner 1RB Left	21.68	/	/	22.03	/	/	<=30	Pass
		Inner 1RB Right	21.80	/	/	22.15	/	/	<=30	Pass
CP-OFDM 16 QAM	3455.01	Edge 1RB Left	20.89	/	/	21.24	/	/	<=30	Pass
		Edge 1RB Right	20.49	/	/	20.84	/	/	<=30	Pass
		Outer Full	19.20	/	/	19.55	/	/	<=30	Pass
		Inner Full	21.34	/	/	21.69	/	/	<=30	Pass
		Inner 1RB Left	21.40	/	/	21.75	/	/	<=30	Pass
	3499.995	Inner 1RB Right	21.63	/	/	21.98	/	/	<=30	Pass
		Edge 1RB Left	20.78	/	/	21.13	/	/	<=30	Pass
		Edge 1RB Right	20.43	/	/	20.78	/	/	<=30	Pass
		Outer Full	19.46	/	/	19.81	/	/	<=30	Pass
		Inner Full	20.23	/	/	20.58	/	/	<=30	Pass
	3544.995	Inner 1RB Left	20.12	/	/	20.47	/	/	<=30	Pass
		Inner 1RB Right	20.45	/	/	20.80	/	/	<=30	Pass
		Edge 1RB Left	21.04	/	/	21.39	/	/	<=30	Pass
		Edge 1RB Right	20.46	/	/	20.81	/	/	<=30	Pass
		Outer Full	19.38	/	/	19.73	/	/	<=30	Pass
3499.995	Inner Full	20.24	/	/	20.59	/	/	<=30	Pass	
	Inner 1RB Left	20.34	/	/	20.69	/	/	<=30	Pass	
	Inner 1RB Right	20.45	/	/	20.80	/	/	<=30	Pass	
	Edge 1RB Left	20.78	/	/	21.13	/	/	<=30	Pass	
	Edge 1RB Right	20.39	/	/	20.74	/	/	<=30	Pass	
3544.995	Outer Full	19.23	/	/	19.58	/	/	<=30	Pass	
	Inner Full	20.08	/	/	20.43	/	/	<=30	Pass	
	Inner 1RB Left	20.09	/	/	20.44	/	/	<=30	Pass	
	Inner 1RB Right	20.39	/	/	20.74	/	/	<=30	Pass	

CP-OFDM 64 QAM	3455.01	Edge 1RB Left	20.76	/	/	21.11	/	/	<=30	Pass
		Edge 1RB Right	20.37	/	/	20.72	/	/	<=30	Pass
		Outer Full	18.94	/	/	19.29	/	/	<=30	Pass
		Inner Full	19.75	/	/	20.10	/	/	<=30	Pass
		Inner 1RB Left	20.03	/	/	20.38	/	/	<=30	Pass
		Inner 1RB Right	20.38	/	/	20.73	/	/	<=30	Pass
	3499.995	Edge 1RB Left	20.49	/	/	20.84	/	/	<=30	Pass
		Edge 1RB Right	19.91	/	/	20.26	/	/	<=30	Pass
		Outer Full	18.93	/	/	19.28	/	/	<=30	Pass
		Inner Full	19.78	/	/	20.13	/	/	<=30	Pass
		Inner 1RB Left	19.78	/	/	20.13	/	/	<=30	Pass
		Inner 1RB Right	19.91	/	/	20.26	/	/	<=30	Pass
	3544.995	Edge 1RB Left	20.28	/	/	20.63	/	/	<=30	Pass
		Edge 1RB Right	19.89	/	/	20.24	/	/	<=30	Pass
		Outer Full	18.68	/	/	19.03	/	/	<=30	Pass
Inner Full		19.62	/	/	19.97	/	/	<=30	Pass	
Inner 1RB Left		19.56	/	/	19.91	/	/	<=30	Pass	
Inner 1RB Right		19.86	/	/	20.21	/	/	<=30	Pass	
CP-OFDM 256 QAM	3455.01	Edge 1RB Left	18.04	/	/	18.39	/	/	<=30	Pass
		Edge 1RB Right	17.66	/	/	18.01	/	/	<=30	Pass
		Outer Full	16.69	/	/	17.04	/	/	<=30	Pass
		Inner Full	17.21	/	/	17.56	/	/	<=30	Pass
		Inner 1RB Left	17.31	/	/	17.66	/	/	<=30	Pass
		Inner 1RB Right	17.67	/	/	18.02	/	/	<=30	Pass
	3499.995	Edge 1RB Left	17.64	/	/	17.99	/	/	<=30	Pass
		Edge 1RB Right	17.03	/	/	17.38	/	/	<=30	Pass
		Outer Full	16.23	/	/	16.58	/	/	<=30	Pass
		Inner Full	16.77	/	/	17.12	/	/	<=30	Pass
		Inner 1RB Left	16.89	/	/	17.24	/	/	<=30	Pass
		Inner 1RB Right	17.05	/	/	17.40	/	/	<=30	Pass
	3544.995	Edge 1RB Left	17.33	/	/	17.68	/	/	<=30	Pass
		Edge 1RB Right	16.92	/	/	17.27	/	/	<=30	Pass
		Outer Full	16.03	/	/	16.38	/	/	<=30	Pass
Inner Full		16.55	/	/	16.90	/	/	<=30	Pass	
Inner 1RB Left		16.59	/	/	16.94	/	/	<=30	Pass	
Inner 1RB Right		16.93	/	/	17.28	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: 0.35dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_15MHz_NTNV_EIRP

5G NR n78e SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum		
DFT-s-OFDM QPSK	3457.5	Edge 1RB Left	21.45	/	/	21.80	/	/	<=30	Pass
		Edge 1RB Right	21.10	/	/	21.45	/	/	<=30	Pass
		Outer Full	22.39	/	/	22.74	/	/	<=30	Pass
		Inner Full	23.86	/	/	24.21	/	/	<=30	Pass
		Inner 1RB Left	24.64	/	/	24.99	/	/	<=30	Pass
		Inner 1RB Right	24.44	/	/	24.79	/	/	<=30	Pass
	3499.995	Edge 1RB Left	21.40	/	/	21.75	/	/	<=30	Pass
		Edge 1RB Right	20.83	/	/	21.18	/	/	<=30	Pass
		Outer Full	22.48	/	/	22.83	/	/	<=30	Pass
		Inner Full	23.63	/	/	23.98	/	/	<=30	Pass
		Inner 1RB Left	24.51	/	/	24.86	/	/	<=30	Pass
		Inner 1RB Right	24.17	/	/	24.52	/	/	<=30	Pass
	3542.49	Edge 1RB Left	21.25	/	/	21.60	/	/	<=30	Pass
		Edge 1RB Right	20.91	/	/	21.26	/	/	<=30	Pass

		Outer Full	22.19	/	/	22.54	/	/	<=30	Pass
		Inner Full	23.53	/	/	23.88	/	/	<=30	Pass
		Inner 1RB Left	24.33	/	/	24.68	/	/	<=30	Pass
		Inner 1RB Right	24.20	/	/	24.55	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3457.5	Edge 1RB Left	21.35	/	/	21.70	/	/	<=30	Pass
		Edge 1RB Right	21.01	/	/	21.36	/	/	<=30	Pass
		Outer Full	20.51	/	/	20.86	/	/	<=30	Pass
		Inner Full	22.03	/	/	22.38	/	/	<=30	Pass
	3499.995	Inner 1RB Left	22.76	/	/	23.11	/	/	<=30	Pass
		Inner 1RB Right	22.64	/	/	22.99	/	/	<=30	Pass
		Edge 1RB Left	21.37	/	/	21.72	/	/	<=30	Pass
		Edge 1RB Right	20.80	/	/	21.15	/	/	<=30	Pass
	3542.49	Outer Full	20.38	/	/	20.73	/	/	<=30	Pass
		Inner Full	22.14	/	/	22.49	/	/	<=30	Pass
		Inner 1RB Left	22.86	/	/	23.21	/	/	<=30	Pass
		Inner 1RB Right	22.52	/	/	22.87	/	/	<=30	Pass
	3457.5	Edge 1RB Left	21.11	/	/	21.46	/	/	<=30	Pass
		Edge 1RB Right	20.75	/	/	21.10	/	/	<=30	Pass
		Outer Full	20.32	/	/	20.67	/	/	<=30	Pass
		Inner Full	21.82	/	/	22.17	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3457.5	Inner 1RB Left	22.45	/	/	22.80	/	/	<=30	Pass
		Inner 1RB Right	22.30	/	/	22.65	/	/	<=30	Pass
		Edge 1RB Left	21.20	/	/	21.55	/	/	<=30	Pass
		Edge 1RB Right	20.89	/	/	21.24	/	/	<=30	Pass
	3499.995	Outer Full	20.05	/	/	20.40	/	/	<=30	Pass
		Inner Full	20.34	/	/	20.69	/	/	<=30	Pass
		Inner 1RB Left	20.99	/	/	21.34	/	/	<=30	Pass
		Inner 1RB Right	20.91	/	/	21.26	/	/	<=30	Pass
	3542.49	Edge 1RB Left	21.28	/	/	21.63	/	/	<=30	Pass
		Edge 1RB Right	20.74	/	/	21.09	/	/	<=30	Pass
		Outer Full	19.98	/	/	20.33	/	/	<=30	Pass
		Inner Full	20.30	/	/	20.65	/	/	<=30	Pass
	3457.5	Inner 1RB Left	21.07	/	/	21.42	/	/	<=30	Pass
		Inner 1RB Right	20.69	/	/	21.04	/	/	<=30	Pass
		Edge 1RB Left	20.97	/	/	21.32	/	/	<=30	Pass
		Edge 1RB Right	20.66	/	/	21.01	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3457.5	Outer Full	19.82	/	/	20.17	/	/	<=30	Pass
		Inner Full	20.12	/	/	20.47	/	/	<=30	Pass
		Inner 1RB Left	20.81	/	/	21.16	/	/	<=30	Pass
		Inner 1RB Right	20.67	/	/	21.02	/	/	<=30	Pass
	3499.995	Edge 1RB Left	20.17	/	/	20.52	/	/	<=30	Pass
		Edge 1RB Right	19.85	/	/	20.20	/	/	<=30	Pass
		Outer Full	18.80	/	/	19.15	/	/	<=30	Pass
		Inner Full	19.13	/	/	19.48	/	/	<=30	Pass
	3542.49	Inner 1RB Left	19.97	/	/	20.32	/	/	<=30	Pass
		Inner 1RB Right	19.84	/	/	20.19	/	/	<=30	Pass
		Edge 1RB Left	19.71	/	/	20.06	/	/	<=30	Pass
		Edge 1RB Right	19.14	/	/	19.49	/	/	<=30	Pass
	3457.5	Outer Full	18.19	/	/	18.54	/	/	<=30	Pass
		Inner Full	18.59	/	/	18.94	/	/	<=30	Pass
		Inner 1RB Left	19.49	/	/	19.84	/	/	<=30	Pass
		Inner 1RB Right	19.12	/	/	19.47	/	/	<=30	Pass
	3499.995	Edge 1RB Left	19.36	/	/	19.71	/	/	<=30	Pass
		Edge 1RB Right	19.02	/	/	19.37	/	/	<=30	Pass
		Outer Full	18.11	/	/	18.46	/	/	<=30	Pass
		Inner Full	18.46	/	/	18.81	/	/	<=30	Pass
	3542.49	Inner 1RB Left	19.14	/	/	19.49	/	/	<=30	Pass
		Inner 1RB Right	19.00	/	/	19.35	/	/	<=30	Pass
		Edge 1RB Left	21.37	/	/	21.72	/	/	<=30	Pass
		Edge 1RB Right	21.37	/	/	21.72	/	/	<=30	Pass
CP-OFDM QPSK	3457.5	Edge 1RB Left	21.37	/	/	21.72	/	/	<=30	Pass

		Edge 1RB Right	21.03	/	/	21.38	/	/	<=30	Pass		
		Outer Full	19.73	/	/	20.08	/	/	<=30	Pass		
		Inner Full	21.51	/	/	21.86	/	/	<=30	Pass		
		Inner 1RB Left	22.32	/	/	22.67	/	/	<=30	Pass		
		Inner 1RB Right	22.20	/	/	22.55	/	/	<=30	Pass		
	3499.995		Edge 1RB Left	21.37	/	/	21.72	/	/	<=30	Pass	
			Edge 1RB Right	20.78	/	/	21.13	/	/	<=30	Pass	
			Outer Full	19.68	/	/	20.03	/	/	<=30	Pass	
			Inner Full	21.58	/	/	21.93	/	/	<=30	Pass	
			Inner 1RB Left	22.45	/	/	22.80	/	/	<=30	Pass	
	3542.49		Inner 1RB Right	22.16	/	/	22.51	/	/	<=30	Pass	
			Edge 1RB Left	21.14	/	/	21.49	/	/	<=30	Pass	
			Edge 1RB Right	20.84	/	/	21.19	/	/	<=30	Pass	
			Outer Full	19.38	/	/	19.73	/	/	<=30	Pass	
			Inner Full	21.35	/	/	21.70	/	/	<=30	Pass	
CP-OFDM 16 QAM	3457.5		Inner 1RB Left	22.15	/	/	22.50	/	/	<=30	Pass	
			Edge 1RB Right	20.87	/	/	21.22	/	/	<=30	Pass	
			Outer Full	19.68	/	/	20.03	/	/	<=30	Pass	
			Inner Full	20.35	/	/	20.70	/	/	<=30	Pass	
			Inner 1RB Left	20.99	/	/	21.34	/	/	<=30	Pass	
	3499.995			Inner 1RB Right	20.91	/	/	21.26	/	/	<=30	Pass
				Edge 1RB Left	21.19	/	/	21.54	/	/	<=30	Pass
				Edge 1RB Right	20.66	/	/	21.01	/	/	<=30	Pass
				Outer Full	19.54	/	/	19.89	/	/	<=30	Pass
				Inner Full	20.30	/	/	20.65	/	/	<=30	Pass
	3542.49			Inner 1RB Left	21.02	/	/	21.37	/	/	<=30	Pass
				Inner 1RB Right	20.70	/	/	21.05	/	/	<=30	Pass
				Edge 1RB Left	20.91	/	/	21.26	/	/	<=30	Pass
				Edge 1RB Right	20.59	/	/	20.94	/	/	<=30	Pass
				Outer Full	19.37	/	/	19.72	/	/	<=30	Pass
CP-OFDM 64 QAM	3457.5		Inner Full	20.11	/	/	20.46	/	/	<=30	Pass	
			Inner 1RB Left	20.75	/	/	21.10	/	/	<=30	Pass	
			Inner 1RB Right	20.65	/	/	21.00	/	/	<=30	Pass	
			Edge 1RB Left	20.82	/	/	21.17	/	/	<=30	Pass	
			Edge 1RB Right	20.52	/	/	20.87	/	/	<=30	Pass	
	3499.995			Outer Full	19.17	/	/	19.52	/	/	<=30	Pass
				Inner Full	19.86	/	/	20.21	/	/	<=30	Pass
				Inner 1RB Left	20.65	/	/	21.00	/	/	<=30	Pass
				Inner 1RB Right	20.56	/	/	20.91	/	/	<=30	Pass
				Edge 1RB Left	20.89	/	/	21.24	/	/	<=30	Pass
	3542.49			Edge 1RB Right	20.33	/	/	20.68	/	/	<=30	Pass
				Outer Full	19.11	/	/	19.46	/	/	<=30	Pass
				Inner Full	19.84	/	/	20.19	/	/	<=30	Pass
				Inner 1RB Left	20.70	/	/	21.05	/	/	<=30	Pass
				Inner 1RB Right	20.38	/	/	20.73	/	/	<=30	Pass
CP-OFDM 256 QAM	3457.5		Edge 1RB Left	20.88	/	/	21.23	/	/	<=30	Pass	
			Edge 1RB Right	20.54	/	/	20.89	/	/	<=30	Pass	
			Outer Full	18.83	/	/	19.18	/	/	<=30	Pass	
			Inner Full	19.66	/	/	20.01	/	/	<=30	Pass	
			Inner 1RB Left	20.69	/	/	21.04	/	/	<=30	Pass	
			Inner 1RB Right	20.60	/	/	20.95	/	/	<=30	Pass	
			Edge 1RB Left	18.42	/	/	18.77	/	/	<=30	Pass	
			Edge 1RB Right	18.09	/	/	18.44	/	/	<=30	Pass	
			Outer Full	16.92	/	/	17.27	/	/	<=30	Pass	
			Inner Full	17.29	/	/	17.64	/	/	<=30	Pass	
			Inner 1RB Left	18.22	/	/	18.57	/	/	<=30	Pass	
			Inner 1RB Right	18.15	/	/	18.50	/	/	<=30	Pass	

	3499.995	Edge 1RB Left	18.07	/	/	18.42	/	/	<=30	Pass
		Edge 1RB Right	17.47	/	/	17.82	/	/	<=30	Pass
		Outer Full	16.41	/	/	16.76	/	/	<=30	Pass
		Inner Full	16.83	/	/	17.18	/	/	<=30	Pass
		Inner 1RB Left	17.88	/	/	18.23	/	/	<=30	Pass
		Inner 1RB Right	17.52	/	/	17.87	/	/	<=30	Pass
	3542.49	Edge 1RB Left	17.69	/	/	18.04	/	/	<=30	Pass
		Edge 1RB Right	17.32	/	/	17.67	/	/	<=30	Pass
		Outer Full	16.20	/	/	16.55	/	/	<=30	Pass
		Inner Full	16.56	/	/	16.91	/	/	<=30	Pass
		Inner 1RB Left	17.51	/	/	17.86	/	/	<=30	Pass
		Inner 1RB Right	17.38	/	/	17.73	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 0.35dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_20MHz_NTNV_EIRP

5G NR n78e SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3460.005	Edge 1RB Left	21.61	/	/	21.96	/	/	<=30	Pass
		Edge 1RB Right	21.12	/	/	21.47	/	/	<=30	Pass
		Outer Full	22.53	/	/	22.88	/	/	<=30	Pass
		Inner Full	23.64	/	/	23.99	/	/	<=30	Pass
		Inner 1RB Left	24.81	/	/	25.16	/	/	<=30	Pass
		Inner 1RB Right	24.47	/	/	24.82	/	/	<=30	Pass
	3499.995	Edge 1RB Left	21.87	/	/	22.22	/	/	<=30	Pass
		Edge 1RB Right	21.16	/	/	21.51	/	/	<=30	Pass
		Outer Full	22.73	/	/	23.08	/	/	<=30	Pass
		Inner Full	23.73	/	/	24.08	/	/	<=30	Pass
		Inner 1RB Left	24.93	/	/	25.28	/	/	<=30	Pass
		Inner 1RB Right	24.46	/	/	24.81	/	/	<=30	Pass
	3540	Edge 1RB Left	21.45	/	/	21.80	/	/	<=30	Pass
		Edge 1RB Right	21.03	/	/	21.38	/	/	<=30	Pass
		Outer Full	22.20	/	/	22.55	/	/	<=30	Pass
		Inner Full	23.43	/	/	23.78	/	/	<=30	Pass
		Inner 1RB Left	24.46	/	/	24.81	/	/	<=30	Pass
		Inner 1RB Right	24.25	/	/	24.60	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.005	Edge 1RB Left	21.49	/	/	21.84	/	/	<=30	Pass
		Edge 1RB Right	21.04	/	/	21.39	/	/	<=30	Pass
		Outer Full	20.48	/	/	20.83	/	/	<=30	Pass
		Inner Full	22.07	/	/	22.42	/	/	<=30	Pass
		Inner 1RB Left	23.04	/	/	23.39	/	/	<=30	Pass
		Inner 1RB Right	22.81	/	/	23.16	/	/	<=30	Pass
	3499.995	Edge 1RB Left	21.84	/	/	22.19	/	/	<=30	Pass
		Edge 1RB Right	21.08	/	/	21.43	/	/	<=30	Pass
		Outer Full	20.64	/	/	20.99	/	/	<=30	Pass
		Inner Full	22.24	/	/	22.59	/	/	<=30	Pass
		Inner 1RB Left	23.31	/	/	23.66	/	/	<=30	Pass
		Inner 1RB Right	22.82	/	/	23.17	/	/	<=30	Pass
	3540	Edge 1RB Left	21.30	/	/	21.65	/	/	<=30	Pass
		Edge 1RB Right	20.86	/	/	21.21	/	/	<=30	Pass
		Outer Full	20.34	/	/	20.69	/	/	<=30	Pass
		Inner Full	21.68	/	/	22.03	/	/	<=30	Pass
		Inner 1RB Left	22.74	/	/	23.09	/	/	<=30	Pass
		Inner 1RB Right	22.53	/	/	22.88	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.005	Edge 1RB Left	21.40	/	/	21.75	/	/	<=30	Pass
		Edge 1RB Right	20.94	/	/	21.29	/	/	<=30	Pass

		Outer Full	20.00	/	/	20.35	/	/	<=30	Pass	
		Inner Full	20.17	/	/	20.52	/	/	<=30	Pass	
		Inner 1RB Left	21.24	/	/	21.59	/	/	<=30	Pass	
		Inner 1RB Right	20.97	/	/	21.32	/	/	<=30	Pass	
	3499.995	Edge 1RB Left	21.69	/	/	22.04	/	/	<=30	Pass	
		Edge 1RB Right	21.03	/	/	21.38	/	/	<=30	Pass	
		Outer Full	20.19	/	/	20.54	/	/	<=30	Pass	
		Inner Full	20.38	/	/	20.73	/	/	<=30	Pass	
	3540	Inner 1RB Left	21.51	/	/	21.86	/	/	<=30	Pass	
		Inner 1RB Right	21.02	/	/	21.37	/	/	<=30	Pass	
		Edge 1RB Left	21.16	/	/	21.51	/	/	<=30	Pass	
		Edge 1RB Right	20.79	/	/	21.14	/	/	<=30	Pass	
	DFT-s-OFDM 256 QAM	3460.005	Outer Full	19.80	/	/	20.15	/	/	<=30	Pass
			Inner Full	19.99	/	/	20.34	/	/	<=30	Pass
			Inner 1RB Left	21.00	/	/	21.35	/	/	<=30	Pass
			Inner 1RB Right	20.81	/	/	21.16	/	/	<=30	Pass
3499.995		Edge 1RB Left	20.12	/	/	20.47	/	/	<=30	Pass	
		Edge 1RB Right	19.65	/	/	20.00	/	/	<=30	Pass	
		Outer Full	18.55	/	/	18.90	/	/	<=30	Pass	
		Inner Full	18.75	/	/	19.10	/	/	<=30	Pass	
3540		Inner 1RB Left	19.95	/	/	20.30	/	/	<=30	Pass	
		Inner 1RB Right	19.67	/	/	20.02	/	/	<=30	Pass	
		Edge 1RB Left	20.14	/	/	20.49	/	/	<=30	Pass	
		Edge 1RB Right	19.41	/	/	19.76	/	/	<=30	Pass	
CP-OFDM QPSK		3460.005	Outer Full	18.46	/	/	18.81	/	/	<=30	Pass
			Inner Full	18.67	/	/	19.02	/	/	<=30	Pass
			Inner 1RB Left	19.94	/	/	20.29	/	/	<=30	Pass
			Inner 1RB Right	19.46	/	/	19.81	/	/	<=30	Pass
	3499.995	Edge 1RB Left	19.64	/	/	19.99	/	/	<=30	Pass	
		Edge 1RB Right	19.18	/	/	19.53	/	/	<=30	Pass	
		Outer Full	18.13	/	/	18.48	/	/	<=30	Pass	
		Inner Full	18.34	/	/	18.69	/	/	<=30	Pass	
	3540	Inner 1RB Left	19.48	/	/	19.83	/	/	<=30	Pass	
		Inner 1RB Right	19.24	/	/	19.59	/	/	<=30	Pass	
		Edge 1RB Left	21.58	/	/	21.93	/	/	<=30	Pass	
		Edge 1RB Right	21.14	/	/	21.49	/	/	<=30	Pass	
	CP-OFDM 16 QAM	3460.005	Outer Full	19.75	/	/	20.10	/	/	<=30	Pass
			Inner Full	21.58	/	/	21.93	/	/	<=30	Pass
			Inner 1RB Left	22.77	/	/	23.12	/	/	<=30	Pass
			Inner 1RB Right	22.51	/	/	22.86	/	/	<=30	Pass
3499.995		Edge 1RB Left	21.85	/	/	22.20	/	/	<=30	Pass	
		Edge 1RB Right	21.16	/	/	21.51	/	/	<=30	Pass	
		Outer Full	19.96	/	/	20.31	/	/	<=30	Pass	
		Inner Full	21.70	/	/	22.05	/	/	<=30	Pass	
3540		Inner 1RB Left	22.92	/	/	23.27	/	/	<=30	Pass	
		Inner 1RB Right	22.47	/	/	22.82	/	/	<=30	Pass	
		Edge 1RB Left	21.41	/	/	21.76	/	/	<=30	Pass	
		Edge 1RB Right	21.04	/	/	21.39	/	/	<=30	Pass	
3460.005		Outer Full	19.44	/	/	19.79	/	/	<=30	Pass	
		Inner Full	21.24	/	/	21.59	/	/	<=30	Pass	
		Inner 1RB Left	22.41	/	/	22.76	/	/	<=30	Pass	
		Inner 1RB Right	22.21	/	/	22.56	/	/	<=30	Pass	
	Edge 1RB Left	21.52	/	/	21.87	/	/	<=30	Pass		
	Edge 1RB Right	21.12	/	/	21.47	/	/	<=30	Pass		
	Outer Full	19.67	/	/	20.02	/	/	<=30	Pass		
	Inner Full	20.23	/	/	20.58	/	/	<=30	Pass		
3499.995	Inner 1RB Left	21.40	/	/	21.75	/	/	<=30	Pass		
	Inner 1RB Right	21.14	/	/	21.49	/	/	<=30	Pass		
3499.995	Edge 1RB Left	21.80	/	/	22.15	/	/	<=30	Pass		

CP-OFDM 64 QAM	3540	Edge 1RB Right	21.15	/	/	21.50	/	/	<=30	Pass
		Outer Full	19.83	/	/	20.18	/	/	<=30	Pass
		Inner Full	20.40	/	/	20.75	/	/	<=30	Pass
		Inner 1RB Left	21.68	/	/	22.03	/	/	<=30	Pass
		Inner 1RB Right	21.20	/	/	21.55	/	/	<=30	Pass
	3460.005	Edge 1RB Left	21.31	/	/	21.66	/	/	<=30	Pass
		Edge 1RB Right	20.95	/	/	21.30	/	/	<=30	Pass
		Outer Full	19.43	/	/	19.78	/	/	<=30	Pass
		Inner Full	19.99	/	/	20.34	/	/	<=30	Pass
		Inner 1RB Left	21.20	/	/	21.55	/	/	<=30	Pass
	3499.995	Inner 1RB Right	20.98	/	/	21.33	/	/	<=30	Pass
		Edge 1RB Left	21.01	/	/	21.36	/	/	<=30	Pass
		Edge 1RB Right	20.59	/	/	20.94	/	/	<=30	Pass
		Outer Full	19.19	/	/	19.54	/	/	<=30	Pass
Inner Full		19.74	/	/	20.09	/	/	<=30	Pass	
Inner 1RB Left		20.86	/	/	21.21	/	/	<=30	Pass	
Inner 1RB Right		20.61	/	/	20.96	/	/	<=30	Pass	
Edge 1RB Left		21.59	/	/	21.94	/	/	<=30	Pass	
Edge 1RB Right		20.92	/	/	21.27	/	/	<=30	Pass	
Outer Full		19.39	/	/	19.74	/	/	<=30	Pass	
3540	Inner Full	19.92	/	/	20.27	/	/	<=30	Pass	
	Inner 1RB Left	21.47	/	/	21.82	/	/	<=30	Pass	
	Inner 1RB Right	20.97	/	/	21.32	/	/	<=30	Pass	
	Edge 1RB Left	20.80	/	/	21.15	/	/	<=30	Pass	
	Edge 1RB Right	20.40	/	/	20.75	/	/	<=30	Pass	
	Outer Full	18.88	/	/	19.23	/	/	<=30	Pass	
	Inner Full	19.51	/	/	19.86	/	/	<=30	Pass	
CP-OFDM 256 QAM	3460.005	Inner 1RB Left	20.66	/	/	21.01	/	/	<=30	Pass
		Inner 1RB Right	20.43	/	/	20.78	/	/	<=30	Pass
		Edge 1RB Left	18.45	/	/	18.80	/	/	<=30	Pass
		Edge 1RB Right	18.02	/	/	18.37	/	/	<=30	Pass
		Outer Full	16.86	/	/	17.21	/	/	<=30	Pass
	3499.995	Inner Full	17.03	/	/	17.38	/	/	<=30	Pass
		Inner 1RB Left	18.30	/	/	18.65	/	/	<=30	Pass
		Inner 1RB Right	18.04	/	/	18.39	/	/	<=30	Pass
		Edge 1RB Left	18.53	/	/	18.88	/	/	<=30	Pass
		Edge 1RB Right	17.82	/	/	18.17	/	/	<=30	Pass
		Outer Full	16.74	/	/	17.09	/	/	<=30	Pass
		Inner Full	16.95	/	/	17.30	/	/	<=30	Pass
	3540	Inner 1RB Left	18.37	/	/	18.72	/	/	<=30	Pass
		Inner 1RB Right	17.85	/	/	18.20	/	/	<=30	Pass
Edge 1RB Left		17.97	/	/	18.32	/	/	<=30	Pass	
Edge 1RB Right		17.54	/	/	17.89	/	/	<=30	Pass	
Outer Full		16.29	/	/	16.64	/	/	<=30	Pass	
Inner Full		16.48	/	/	16.83	/	/	<=30	Pass	
3540	Inner 1RB Left	17.81	/	/	18.16	/	/	<=30	Pass	
	Inner 1RB Right	17.58	/	/	17.93	/	/	<=30	Pass	

Note1: Antenna Gain: Ant1: 0.35dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.4 15k_SISO_25MHz_NTNV_EIRP

5G NR n78e SCS=15kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum		
DFT-s-OFDM QPSK	3462.51	Edge 1RB Left	20.60	/	/	20.95	/	/	<=30	Pass
		Edge 1RB Right	19.99	/	/	20.34	/	/	<=30	Pass
		Outer Full	22.77	/	/	23.12	/	/	<=30	Pass

		Inner Full	23.92	/	/	24.27	/	/	<=30	Pass		
		Inner 1RB Left	23.77	/	/	24.12	/	/	<=30	Pass		
		Inner 1RB Right	23.59	/	/	23.94	/	/	<=30	Pass		
	3499.995		Edge 1RB Left	20.64	/	/	20.99	/	/	<=30	Pass	
			Edge 1RB Right	19.80	/	/	20.15	/	/	<=30	Pass	
			Outer Full	22.72	/	/	23.07	/	/	<=30	Pass	
		3537.495		Inner Full	23.77	/	/	24.12	/	/	<=30	Pass
				Inner 1RB Left	23.84	/	/	24.19	/	/	<=30	Pass
				Inner 1RB Right	23.48	/	/	23.83	/	/	<=30	Pass
	3537.495		Edge 1RB Left	20.41	/	/	20.76	/	/	<=30	Pass	
			Edge 1RB Right	19.92	/	/	20.27	/	/	<=30	Pass	
			Outer Full	22.40	/	/	22.75	/	/	<=30	Pass	
		3499.995		Inner Full	23.68	/	/	24.03	/	/	<=30	Pass
				Inner 1RB Left	23.61	/	/	23.96	/	/	<=30	Pass
				Inner 1RB Right	23.57	/	/	23.92	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3462.51	Edge 1RB Left	20.49	/	/	20.84	/	/	<=30	Pass		
		Edge 1RB Right	19.93	/	/	20.28	/	/	<=30	Pass		
		Outer Full	20.77	/	/	21.12	/	/	<=30	Pass		
		Inner Full	22.31	/	/	22.66	/	/	<=30	Pass		
		Inner 1RB Left	22.08	/	/	22.43	/	/	<=30	Pass		
		Inner 1RB Right	22.00	/	/	22.35	/	/	<=30	Pass		
	3499.995		Edge 1RB Left	20.61	/	/	20.96	/	/	<=30	Pass	
			Edge 1RB Right	19.77	/	/	20.12	/	/	<=30	Pass	
			Outer Full	20.67	/	/	21.02	/	/	<=30	Pass	
		3537.495		Inner Full	22.25	/	/	22.60	/	/	<=30	Pass
				Inner 1RB Left	22.12	/	/	22.47	/	/	<=30	Pass
				Inner 1RB Right	21.77	/	/	22.12	/	/	<=30	Pass
	3537.495		Edge 1RB Left	20.31	/	/	20.66	/	/	<=30	Pass	
			Edge 1RB Right	19.78	/	/	20.13	/	/	<=30	Pass	
			Outer Full	20.63	/	/	20.98	/	/	<=30	Pass	
		3499.995		Inner Full	21.92	/	/	22.27	/	/	<=30	Pass
				Inner 1RB Left	21.66	/	/	22.01	/	/	<=30	Pass
				Inner 1RB Right	21.59	/	/	21.94	/	/	<=30	Pass
	DFT-s-OFDM 64 QAM	3462.51	Edge 1RB Left	20.42	/	/	20.77	/	/	<=30	Pass	
			Edge 1RB Right	19.82	/	/	20.17	/	/	<=30	Pass	
			Outer Full	20.27	/	/	20.62	/	/	<=30	Pass	
			Inner Full	20.50	/	/	20.85	/	/	<=30	Pass	
			Inner 1RB Left	20.11	/	/	20.46	/	/	<=30	Pass	
			Inner 1RB Right	20.05	/	/	20.40	/	/	<=30	Pass	
3499.995			Edge 1RB Left	20.51	/	/	20.86	/	/	<=30	Pass	
			Edge 1RB Right	19.70	/	/	20.05	/	/	<=30	Pass	
			Outer Full	20.25	/	/	20.60	/	/	<=30	Pass	
		3537.495		Inner Full	20.42	/	/	20.77	/	/	<=30	Pass
				Inner 1RB Left	20.22	/	/	20.57	/	/	<=30	Pass
				Inner 1RB Right	19.86	/	/	20.21	/	/	<=30	Pass
3537.495			Edge 1RB Left	20.24	/	/	20.59	/	/	<=30	Pass	
			Edge 1RB Right	19.67	/	/	20.02	/	/	<=30	Pass	
			Outer Full	20.07	/	/	20.42	/	/	<=30	Pass	
		3499.995		Inner Full	20.24	/	/	20.59	/	/	<=30	Pass
				Inner 1RB Left	19.95	/	/	20.30	/	/	<=30	Pass
				Inner 1RB Right	19.86	/	/	20.21	/	/	<=30	Pass
DFT-s-OFDM 256 QAM		3462.51	Edge 1RB Left	18.96	/	/	19.31	/	/	<=30	Pass	
			Edge 1RB Right	18.40	/	/	18.75	/	/	<=30	Pass	
			Outer Full	18.83	/	/	19.18	/	/	<=30	Pass	
			Inner Full	19.04	/	/	19.39	/	/	<=30	Pass	
			Inner 1RB Left	18.65	/	/	19.00	/	/	<=30	Pass	
			Inner 1RB Right	18.59	/	/	18.94	/	/	<=30	Pass	
	3499.995		Edge 1RB Left	18.81	/	/	19.16	/	/	<=30	Pass	
			Edge 1RB Right	17.91	/	/	18.26	/	/	<=30	Pass	

		Outer Full	18.48	/	/	18.83	/	/	<=30	Pass
		Inner Full	18.69	/	/	19.04	/	/	<=30	Pass
		Inner 1RB Left	18.50	/	/	18.85	/	/	<=30	Pass
		Inner 1RB Right	18.10	/	/	18.45	/	/	<=30	Pass
	3537.495	Edge 1RB Left	18.55	/	/	18.90	/	/	<=30	Pass
		Edge 1RB Right	18.01	/	/	18.36	/	/	<=30	Pass
		Outer Full	18.41	/	/	18.76	/	/	<=30	Pass
		Inner Full	18.59	/	/	18.94	/	/	<=30	Pass
		Inner 1RB Left	18.24	/	/	18.59	/	/	<=30	Pass
		Inner 1RB Right	18.19	/	/	18.54	/	/	<=30	Pass
CP-OFDM QPSK	3462.51	Edge 1RB Left	20.64	/	/	20.99	/	/	<=30	Pass
		Edge 1RB Right	20.07	/	/	20.42	/	/	<=30	Pass
		Outer Full	19.92	/	/	20.27	/	/	<=30	Pass
		Inner Full	21.81	/	/	22.16	/	/	<=30	Pass
		Inner 1RB Left	21.70	/	/	22.05	/	/	<=30	Pass
		Inner 1RB Right	21.58	/	/	21.93	/	/	<=30	Pass
	3499.995	Edge 1RB Left	20.71	/	/	21.06	/	/	<=30	Pass
		Edge 1RB Right	19.86	/	/	20.21	/	/	<=30	Pass
		Outer Full	19.87	/	/	20.22	/	/	<=30	Pass
		Inner Full	21.68	/	/	22.03	/	/	<=30	Pass
		Inner 1RB Left	21.83	/	/	22.18	/	/	<=30	Pass
		Inner 1RB Right	21.48	/	/	21.83	/	/	<=30	Pass
	3537.495	Edge 1RB Left	20.40	/	/	20.75	/	/	<=30	Pass
		Edge 1RB Right	19.93	/	/	20.28	/	/	<=30	Pass
		Outer Full	19.57	/	/	19.92	/	/	<=30	Pass
		Inner Full	21.45	/	/	21.80	/	/	<=30	Pass
		Inner 1RB Left	21.41	/	/	21.76	/	/	<=30	Pass
		Inner 1RB Right	21.37	/	/	21.72	/	/	<=30	Pass
CP-OFDM 16 QAM	3462.51	Edge 1RB Left	20.57	/	/	20.92	/	/	<=30	Pass
		Edge 1RB Right	20.06	/	/	20.41	/	/	<=30	Pass
		Outer Full	19.84	/	/	20.19	/	/	<=30	Pass
		Inner Full	20.46	/	/	20.81	/	/	<=30	Pass
		Inner 1RB Left	20.33	/	/	20.68	/	/	<=30	Pass
		Inner 1RB Right	20.24	/	/	20.59	/	/	<=30	Pass
	3499.995	Edge 1RB Left	20.69	/	/	21.04	/	/	<=30	Pass
		Edge 1RB Right	19.86	/	/	20.21	/	/	<=30	Pass
		Outer Full	19.76	/	/	20.11	/	/	<=30	Pass
		Inner Full	20.36	/	/	20.71	/	/	<=30	Pass
		Inner 1RB Left	20.43	/	/	20.78	/	/	<=30	Pass
		Inner 1RB Right	20.06	/	/	20.41	/	/	<=30	Pass
	3537.495	Edge 1RB Left	20.17	/	/	20.52	/	/	<=30	Pass
		Edge 1RB Right	19.72	/	/	20.07	/	/	<=30	Pass
		Outer Full	19.56	/	/	19.91	/	/	<=30	Pass
		Inner Full	20.19	/	/	20.54	/	/	<=30	Pass
		Inner 1RB Left	19.93	/	/	20.28	/	/	<=30	Pass
		Inner 1RB Right	19.89	/	/	20.24	/	/	<=30	Pass
CP-OFDM 64 QAM	3462.51	Edge 1RB Left	20.02	/	/	20.37	/	/	<=30	Pass
		Edge 1RB Right	19.49	/	/	19.84	/	/	<=30	Pass
		Outer Full	19.34	/	/	19.69	/	/	<=30	Pass
		Inner Full	19.99	/	/	20.34	/	/	<=30	Pass
		Inner 1RB Left	19.78	/	/	20.13	/	/	<=30	Pass
		Inner 1RB Right	19.69	/	/	20.04	/	/	<=30	Pass
	3499.995	Edge 1RB Left	20.16	/	/	20.51	/	/	<=30	Pass
		Edge 1RB Right	19.32	/	/	19.67	/	/	<=30	Pass
		Outer Full	19.29	/	/	19.64	/	/	<=30	Pass
		Inner Full	19.91	/	/	20.26	/	/	<=30	Pass
		Inner 1RB Left	19.89	/	/	20.24	/	/	<=30	Pass
		Inner 1RB Right	19.51	/	/	19.86	/	/	<=30	Pass
	3537.495	Edge 1RB Left	20.15	/	/	20.50	/	/	<=30	Pass

CP-OFDM 256 QAM	3462.51	Edge 1RB Right	19.65	/	/	20.00	/	/	<=30	Pass
		Outer Full	19.02	/	/	19.37	/	/	<=30	Pass
		Inner Full	19.73	/	/	20.08	/	/	<=30	Pass
		Inner 1RB Left	19.87	/	/	20.22	/	/	<=30	Pass
		Inner 1RB Right	19.83	/	/	20.18	/	/	<=30	Pass
	3499.995	Edge 1RB Left	17.44	/	/	17.79	/	/	<=30	Pass
		Edge 1RB Right	16.90	/	/	17.25	/	/	<=30	Pass
		Outer Full	17.01	/	/	17.36	/	/	<=30	Pass
		Inner Full	17.28	/	/	17.63	/	/	<=30	Pass
		Inner 1RB Left	17.16	/	/	17.51	/	/	<=30	Pass
	3537.495	Inner 1RB Right	17.08	/	/	17.43	/	/	<=30	Pass
		Edge 1RB Left	17.28	/	/	17.63	/	/	<=30	Pass
		Edge 1RB Right	16.44	/	/	16.79	/	/	<=30	Pass
		Outer Full	16.64	/	/	16.99	/	/	<=30	Pass
		Inner Full	16.92	/	/	17.27	/	/	<=30	Pass
	3537.495	Inner 1RB Left	17.01	/	/	17.36	/	/	<=30	Pass
		Inner 1RB Right	16.63	/	/	16.98	/	/	<=30	Pass
		Edge 1RB Left	16.88	/	/	17.23	/	/	<=30	Pass
		Edge 1RB Right	16.38	/	/	16.73	/	/	<=30	Pass
		Outer Full	16.43	/	/	16.78	/	/	<=30	Pass
3537.495	Inner Full	16.68	/	/	17.03	/	/	<=30	Pass	
	Inner 1RB Left	16.62	/	/	16.97	/	/	<=30	Pass	
	Inner 1RB Right	16.57	/	/	16.92	/	/	<=30	Pass	

Note1: Antenna Gain: Ant1: 0.35dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.5 15k_SISO_30MHz_NTNV_EIRP

5G NR n78e SCS=15kHz SISO 30MHz NTN											
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict	
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit		
DFT-s-OFDM QPSK	3465	Edge 1RB Left	21.76	/	/	22.11	/	/	<=30	Pass	
		Edge 1RB Right	21.14	/	/	21.49	/	/	<=30	Pass	
		Outer Full	22.64	/	/	22.99	/	/	<=30	Pass	
		Inner Full	23.69	/	/	24.04	/	/	<=30	Pass	
		Inner 1RB Left	24.93	/	/	25.28	/	/	<=30	Pass	
		Inner 1RB Right	24.39	/	/	24.74	/	/	<=30	Pass	
	3499.995	Edge 1RB Left	21.89	/	/	22.24	/	/	<=30	Pass	
		Edge 1RB Right	21.05	/	/	21.40	/	/	<=30	Pass	
		Outer Full	22.63	/	/	22.98	/	/	<=30	Pass	
		Inner Full	23.59	/	/	23.94	/	/	<=30	Pass	
		Inner 1RB Left	24.98	/	/	25.33	/	/	<=30	Pass	
		Inner 1RB Right	24.30	/	/	24.65	/	/	<=30	Pass	
	3534.99	Edge 1RB Left	21.66	/	/	22.01	/	/	<=30	Pass	
		Edge 1RB Right	21.22	/	/	21.57	/	/	<=30	Pass	
		Outer Full	22.33	/	/	22.68	/	/	<=30	Pass	
		Inner Full	23.49	/	/	23.84	/	/	<=30	Pass	
		Inner 1RB Left	24.74	/	/	25.09	/	/	<=30	Pass	
		Inner 1RB Right	24.42	/	/	24.77	/	/	<=30	Pass	
	DFT-s-OFDM 16 QAM	3465	Edge 1RB Left	21.64	/	/	21.99	/	/	<=30	Pass
			Edge 1RB Right	21.08	/	/	21.43	/	/	<=30	Pass
Outer Full			20.59	/	/	20.94	/	/	<=30	Pass	
Inner Full			22.13	/	/	22.48	/	/	<=30	Pass	
Inner 1RB Left			23.24	/	/	23.59	/	/	<=30	Pass	
Inner 1RB Right			22.79	/	/	23.14	/	/	<=30	Pass	
3499.995		Edge 1RB Left	21.87	/	/	22.22	/	/	<=30	Pass	
		Edge 1RB Right	20.99	/	/	21.34	/	/	<=30	Pass	
		Outer Full	20.56	/	/	20.91	/	/	<=30	Pass	

	3534.99	Inner Full	22.08	/	/	22.43	/	/	<=30	Pass
		Inner 1RB Left	23.41	/	/	23.76	/	/	<=30	Pass
		Inner 1RB Right	22.67	/	/	23.02	/	/	<=30	Pass
		Edge 1RB Left	21.55	/	/	21.90	/	/	<=30	Pass
		Edge 1RB Right	21.06	/	/	21.41	/	/	<=30	Pass
		Outer Full	20.51	/	/	20.86	/	/	<=30	Pass
		Inner Full	21.77	/	/	22.12	/	/	<=30	Pass
		Inner 1RB Left	22.96	/	/	23.31	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Edge 1RB Left	21.56	/	/	21.91	/	/	<=30	Pass
		Edge 1RB Right	21.02	/	/	21.37	/	/	<=30	Pass
		Outer Full	20.13	/	/	20.48	/	/	<=30	Pass
		Inner Full	20.27	/	/	20.62	/	/	<=30	Pass
		Inner 1RB Left	21.47	/	/	21.82	/	/	<=30	Pass
		Inner 1RB Right	21.00	/	/	21.35	/	/	<=30	Pass
	3499.995	Edge 1RB Left	21.74	/	/	22.09	/	/	<=30	Pass
		Edge 1RB Right	20.89	/	/	21.24	/	/	<=30	Pass
		Outer Full	20.14	/	/	20.49	/	/	<=30	Pass
		Inner Full	20.25	/	/	20.60	/	/	<=30	Pass
		Inner 1RB Left	21.65	/	/	22.00	/	/	<=30	Pass
		Inner 1RB Right	20.95	/	/	21.30	/	/	<=30	Pass
	3534.99	Edge 1RB Left	21.43	/	/	21.78	/	/	<=30	Pass
		Edge 1RB Right	21.00	/	/	21.35	/	/	<=30	Pass
		Outer Full	19.99	/	/	20.34	/	/	<=30	Pass
		Inner Full	20.09	/	/	20.44	/	/	<=30	Pass
Inner 1RB Left		21.35	/	/	21.70	/	/	<=30	Pass	
Inner 1RB Right		21.02	/	/	21.37	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3465	Edge 1RB Left	20.28	/	/	20.63	/	/	<=30	Pass
		Edge 1RB Right	19.71	/	/	20.06	/	/	<=30	Pass
		Outer Full	18.69	/	/	19.04	/	/	<=30	Pass
		Inner Full	18.83	/	/	19.18	/	/	<=30	Pass
		Inner 1RB Left	20.19	/	/	20.54	/	/	<=30	Pass
		Inner 1RB Right	19.73	/	/	20.08	/	/	<=30	Pass
	3499.995	Edge 1RB Left	20.11	/	/	20.46	/	/	<=30	Pass
		Edge 1RB Right	19.24	/	/	19.59	/	/	<=30	Pass
		Outer Full	18.42	/	/	18.77	/	/	<=30	Pass
		Inner Full	18.53	/	/	18.88	/	/	<=30	Pass
		Inner 1RB Left	20.01	/	/	20.36	/	/	<=30	Pass
		Inner 1RB Right	19.26	/	/	19.61	/	/	<=30	Pass
	3534.99	Edge 1RB Left	19.99	/	/	20.34	/	/	<=30	Pass
		Edge 1RB Right	19.51	/	/	19.86	/	/	<=30	Pass
		Outer Full	18.36	/	/	18.71	/	/	<=30	Pass
		Inner Full	18.44	/	/	18.79	/	/	<=30	Pass
		Inner 1RB Left	19.90	/	/	20.25	/	/	<=30	Pass
		Inner 1RB Right	19.54	/	/	19.89	/	/	<=30	Pass
CP-OFDM QPSK	3465	Edge 1RB Left	21.67	/	/	22.02	/	/	<=30	Pass
		Edge 1RB Right	21.01	/	/	21.36	/	/	<=30	Pass
		Outer Full	19.77	/	/	20.12	/	/	<=30	Pass
		Inner Full	21.62	/	/	21.97	/	/	<=30	Pass
		Inner 1RB Left	22.94	/	/	23.29	/	/	<=30	Pass
		Inner 1RB Right	22.43	/	/	22.78	/	/	<=30	Pass
	3499.995	Edge 1RB Left	21.90	/	/	22.25	/	/	<=30	Pass
		Edge 1RB Right	21.00	/	/	21.35	/	/	<=30	Pass
		Outer Full	19.79	/	/	20.14	/	/	<=30	Pass
		Inner Full	21.53	/	/	21.88	/	/	<=30	Pass
		Inner 1RB Left	22.98	/	/	23.33	/	/	<=30	Pass
		Inner 1RB Right	22.29	/	/	22.64	/	/	<=30	Pass
	3534.99	Edge 1RB Left	21.60	/	/	21.95	/	/	<=30	Pass
		Edge 1RB Right	21.14	/	/	21.49	/	/	<=30	Pass

		Outer Full	19.53	/	/	19.88	/	/	<=30	Pass	
		Inner Full	21.31	/	/	21.66	/	/	<=30	Pass	
		Inner 1RB Left	22.66	/	/	23.01	/	/	<=30	Pass	
		Inner 1RB Right	22.34	/	/	22.69	/	/	<=30	Pass	
CP-OFDM 16 QAM	3465	Edge 1RB Left	21.45	/	/	21.80	/	/	<=30	Pass	
		Edge 1RB Right	20.89	/	/	21.24	/	/	<=30	Pass	
		Outer Full	19.69	/	/	20.04	/	/	<=30	Pass	
		Inner Full	20.27	/	/	20.62	/	/	<=30	Pass	
		3499.995	Inner 1RB Left	21.43	/	/	21.78	/	/	<=30	Pass
			Inner 1RB Right	21.00	/	/	21.35	/	/	<=30	Pass
			Edge 1RB Left	21.86	/	/	22.21	/	/	<=30	Pass
			Edge 1RB Right	20.99	/	/	21.34	/	/	<=30	Pass
		3534.99	Outer Full	19.67	/	/	20.02	/	/	<=30	Pass
			Inner Full	20.23	/	/	20.58	/	/	<=30	Pass
			Inner 1RB Left	21.82	/	/	22.17	/	/	<=30	Pass
			Inner 1RB Right	21.10	/	/	21.45	/	/	<=30	Pass
	CP-OFDM 64 QAM	3465	Edge 1RB Left	21.53	/	/	21.88	/	/	<=30	Pass
			Edge 1RB Right	21.04	/	/	21.39	/	/	<=30	Pass
			Outer Full	19.51	/	/	19.86	/	/	<=30	Pass
			Inner Full	20.06	/	/	20.41	/	/	<=30	Pass
		3499.995	Inner 1RB Left	21.50	/	/	21.85	/	/	<=30	Pass
			Inner 1RB Right	21.15	/	/	21.50	/	/	<=30	Pass
			Edge 1RB Left	21.43	/	/	21.78	/	/	<=30	Pass
			Edge 1RB Right	20.85	/	/	21.20	/	/	<=30	Pass
		3534.99	Outer Full	19.21	/	/	19.56	/	/	<=30	Pass
			Inner Full	19.79	/	/	20.14	/	/	<=30	Pass
			Inner 1RB Left	21.40	/	/	21.75	/	/	<=30	Pass
			Inner 1RB Right	20.96	/	/	21.31	/	/	<=30	Pass
CP-OFDM 256 QAM		3465	Edge 1RB Left	21.36	/	/	21.71	/	/	<=30	Pass
			Edge 1RB Right	20.47	/	/	20.82	/	/	<=30	Pass
			Outer Full	19.23	/	/	19.58	/	/	<=30	Pass
			Inner Full	19.76	/	/	20.11	/	/	<=30	Pass
		3499.995	Inner 1RB Left	21.33	/	/	21.68	/	/	<=30	Pass
			Inner 1RB Right	20.61	/	/	20.96	/	/	<=30	Pass
			Edge 1RB Left	21.03	/	/	21.38	/	/	<=30	Pass
			Edge 1RB Right	20.54	/	/	20.89	/	/	<=30	Pass
		3534.99	Outer Full	18.98	/	/	19.33	/	/	<=30	Pass
			Inner Full	19.61	/	/	19.96	/	/	<=30	Pass
			Inner 1RB Left	21.00	/	/	21.35	/	/	<=30	Pass
			Inner 1RB Right	20.65	/	/	21.00	/	/	<=30	Pass
	CP-OFDM 256 QAM	3465	Edge 1RB Left	18.64	/	/	18.99	/	/	<=30	Pass
			Edge 1RB Right	18.03	/	/	18.38	/	/	<=30	Pass
			Outer Full	16.88	/	/	17.23	/	/	<=30	Pass
			Inner Full	17.09	/	/	17.44	/	/	<=30	Pass
		3499.995	Inner 1RB Left	18.60	/	/	18.95	/	/	<=30	Pass
			Inner 1RB Right	18.15	/	/	18.50	/	/	<=30	Pass
			Edge 1RB Left	18.63	/	/	18.98	/	/	<=30	Pass
			Edge 1RB Right	17.72	/	/	18.07	/	/	<=30	Pass
		3534.99	Outer Full	16.59	/	/	16.94	/	/	<=30	Pass
			Inner Full	16.77	/	/	17.12	/	/	<=30	Pass
			Inner 1RB Left	18.59	/	/	18.94	/	/	<=30	Pass
			Inner 1RB Right	17.82	/	/	18.17	/	/	<=30	Pass
		3534.99	Edge 1RB Left	18.19	/	/	18.54	/	/	<=30	Pass
			Edge 1RB Right	17.67	/	/	18.02	/	/	<=30	Pass
			Outer Full	16.40	/	/	16.75	/	/	<=30	Pass
			Inner Full	16.54	/	/	16.89	/	/	<=30	Pass
	3534.99	Inner 1RB Left	18.15	/	/	18.50	/	/	<=30	Pass	
		Inner 1RB Right	17.77	/	/	18.12	/	/	<=30	Pass	

Note1: Antenna Gain: Ant1: 0.35dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.6 15k_SISO_40MHz_NTNV_EIRP

5G NR n78e SCS=15kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	22.43	/	/	22.78	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	21.80	/	/	<=30	Pass
		Outer_Full	22.81	/	/	23.16	/	/	<=30	Pass
		Inner_Full	23.78	/	/	24.13	/	/	<=30	Pass
		Inner_1RB_Left	25.45	/	/	25.80	/	/	<=30	Pass
	Inner_1RB_Right	24.58	/	/	24.93	/	/	<=30	Pass	
	3499.995	Edge_1RB_Left	22.70	/	/	23.05	/	/	<=30	Pass
		Edge_1RB_Right	21.57	/	/	21.92	/	/	<=30	Pass
		Outer_Full	23.09	/	/	23.44	/	/	<=30	Pass
		Inner_Full	23.85	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Left	25.56	/	/	25.91	/	/	<=30	Pass
	Inner_1RB_Right	24.64	/	/	24.99	/	/	<=30	Pass	
	3529.995	Edge_1RB_Left	22.48	/	/	22.83	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	22.12	/	/	<=30	Pass
		Outer_Full	22.80	/	/	23.15	/	/	<=30	Pass
Inner_Full		23.74	/	/	24.09	/	/	<=30	Pass	
Inner_1RB_Left		25.33	/	/	25.68	/	/	<=30	Pass	
Inner_1RB_Right	24.80	/	/	25.15	/	/	<=30	Pass		
DFT-s-OFDM 16 QAM	3470.01	Edge_1RB_Left	22.33	/	/	22.68	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	21.74	/	/	<=30	Pass
		Outer_Full	20.94	/	/	21.29	/	/	<=30	Pass
		Inner_Full	22.15	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	24.06	/	/	<=30	Pass
	Inner_1RB_Right	22.95	/	/	23.30	/	/	<=30	Pass	
	3499.995	Edge_1RB_Left	22.66	/	/	23.01	/	/	<=30	Pass
		Edge_1RB_Right	21.48	/	/	21.83	/	/	<=30	Pass
		Outer_Full	21.07	/	/	21.42	/	/	<=30	Pass
		Inner_Full	22.37	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	24.22	/	/	24.57	/	/	<=30	Pass
	Inner_1RB_Right	23.21	/	/	23.56	/	/	<=30	Pass	
	3529.995	Edge_1RB_Left	22.35	/	/	22.70	/	/	<=30	Pass
		Edge_1RB_Right	21.55	/	/	21.90	/	/	<=30	Pass
		Outer_Full	21.00	/	/	21.35	/	/	<=30	Pass
Inner_Full		22.06	/	/	22.41	/	/	<=30	Pass	
Inner_1RB_Left		23.75	/	/	24.10	/	/	<=30	Pass	
Inner_1RB_Right	23.10	/	/	23.45	/	/	<=30	Pass		
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	22.19	/	/	22.54	/	/	<=30	Pass
		Edge_1RB_Right	21.31	/	/	21.66	/	/	<=30	Pass
		Outer_Full	20.49	/	/	20.84	/	/	<=30	Pass
		Inner_Full	20.46	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Left	22.15	/	/	22.50	/	/	<=30	Pass
	Inner_1RB_Right	21.39	/	/	21.74	/	/	<=30	Pass	
	3499.995	Edge_1RB_Left	22.51	/	/	22.86	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	21.74	/	/	<=30	Pass
		Outer_Full	20.61	/	/	20.96	/	/	<=30	Pass
		Inner_Full	20.54	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Left	22.44	/	/	22.79	/	/	<=30	Pass
	Inner_1RB_Right	21.44	/	/	21.79	/	/	<=30	Pass	
	3529.995	Edge_1RB_Left	22.51	/	/	22.86	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	22.08	/	/	<=30	Pass

		Outer Full	20.47	/	/	20.82	/	/	<=30	Pass	
		Inner Full	20.38	/	/	20.73	/	/	<=30	Pass	
		Inner 1RB Left	22.43	/	/	22.78	/	/	<=30	Pass	
		Inner 1RB Right	21.80	/	/	22.15	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3470.01	Edge 1RB Left	20.95	/	/	21.30	/	/	<=30	Pass	
		Edge 1RB Right	20.04	/	/	20.39	/	/	<=30	Pass	
		Outer Full	19.08	/	/	19.43	/	/	<=30	Pass	
		Inner Full	19.04	/	/	19.39	/	/	<=30	Pass	
	3499.995	Inner 1RB Left	20.90	/	/	21.25	/	/	<=30	Pass	
		Inner 1RB Right	20.10	/	/	20.45	/	/	<=30	Pass	
		Edge 1RB Left	21.04	/	/	21.39	/	/	<=30	Pass	
		Edge 1RB Right	19.83	/	/	20.18	/	/	<=30	Pass	
	3529.995	Outer Full	18.90	/	/	19.25	/	/	<=30	Pass	
		Inner Full	18.86	/	/	19.21	/	/	<=30	Pass	
		Inner 1RB Left	20.97	/	/	21.32	/	/	<=30	Pass	
		Inner 1RB Right	19.88	/	/	20.23	/	/	<=30	Pass	
	CP-OFDM QPSK	3470.01	Edge 1RB Left	20.82	/	/	21.17	/	/	<=30	Pass
			Edge 1RB Right	20.01	/	/	20.36	/	/	<=30	Pass
			Outer Full	18.87	/	/	19.22	/	/	<=30	Pass
			Inner Full	18.77	/	/	19.12	/	/	<=30	Pass
3499.995		Inner 1RB Left	20.73	/	/	21.08	/	/	<=30	Pass	
		Inner 1RB Right	20.06	/	/	20.41	/	/	<=30	Pass	
		Edge 1RB Left	22.29	/	/	22.64	/	/	<=30	Pass	
		Edge 1RB Right	21.35	/	/	21.70	/	/	<=30	Pass	
3529.995		Outer Full	20.04	/	/	20.39	/	/	<=30	Pass	
		Inner Full	21.59	/	/	21.94	/	/	<=30	Pass	
		Inner 1RB Left	23.33	/	/	23.68	/	/	<=30	Pass	
		Inner 1RB Right	22.45	/	/	22.80	/	/	<=30	Pass	
CP-OFDM 16 QAM		3470.01	Edge 1RB Left	22.64	/	/	22.99	/	/	<=30	Pass
			Edge 1RB Right	21.52	/	/	21.87	/	/	<=30	Pass
			Outer Full	20.28	/	/	20.63	/	/	<=30	Pass
			Inner Full	21.75	/	/	22.10	/	/	<=30	Pass
	3499.995	Inner 1RB Left	23.73	/	/	24.08	/	/	<=30	Pass	
		Inner 1RB Right	22.74	/	/	23.09	/	/	<=30	Pass	
		Edge 1RB Left	22.32	/	/	22.67	/	/	<=30	Pass	
		Edge 1RB Right	21.67	/	/	22.02	/	/	<=30	Pass	
CP-OFDM 64 QAM	3470.01	Outer Full	20.04	/	/	20.39	/	/	<=30	Pass	
		Inner Full	21.53	/	/	21.88	/	/	<=30	Pass	
		Inner 1RB Left	23.31	/	/	23.66	/	/	<=30	Pass	
		Inner 1RB Right	22.72	/	/	23.07	/	/	<=30	Pass	
	3499.995	Edge 1RB Left	22.06	/	/	22.41	/	/	<=30	Pass	
		Edge 1RB Right	21.23	/	/	21.58	/	/	<=30	Pass	
		Outer Full	19.94	/	/	20.29	/	/	<=30	Pass	
		Inner Full	20.40	/	/	20.75	/	/	<=30	Pass	
3529.995	Inner 1RB Left	22.07	/	/	22.42	/	/	<=30	Pass		
	Inner 1RB Right	21.28	/	/	21.63	/	/	<=30	Pass		
	Edge 1RB Left	22.60	/	/	22.95	/	/	<=30	Pass		
	Edge 1RB Right	21.49	/	/	21.84	/	/	<=30	Pass		
CP-OFDM 64 QAM	3470.01	Outer Full	20.15	/	/	20.50	/	/	<=30	Pass	
		Inner Full	20.49	/	/	20.84	/	/	<=30	Pass	
		Inner 1RB Left	22.57	/	/	22.92	/	/	<=30	Pass	
		Inner 1RB Right	21.54	/	/	21.89	/	/	<=30	Pass	
CP-OFDM 64 QAM	3499.995	Edge 1RB Left	22.31	/	/	22.66	/	/	<=30	Pass	
		Edge 1RB Right	21.59	/	/	21.94	/	/	<=30	Pass	
		Outer Full	20.00	/	/	20.35	/	/	<=30	Pass	
		Inner Full	20.32	/	/	20.67	/	/	<=30	Pass	
CP-OFDM 64 QAM	3470.01	Inner 1RB Left	22.29	/	/	22.64	/	/	<=30	Pass	
		Inner 1RB Right	21.62	/	/	21.97	/	/	<=30	Pass	
CP-OFDM 64 QAM	3470.01	Edge 1RB Left	21.81	/	/	22.16	/	/	<=30	Pass	

CP-OFDM 256 QAM	3499.995	Edge 1RB Right	20.93	/	/	21.28	/	/	<=30	Pass
		Outer Full	19.48	/	/	19.83	/	/	<=30	Pass
		Inner Full	19.95	/	/	20.30	/	/	<=30	Pass
		Inner 1RB Left	21.79	/	/	22.14	/	/	<=30	Pass
		Inner 1RB Right	21.00	/	/	21.35	/	/	<=30	Pass
	3529.995	Edge 1RB Left	22.13	/	/	22.48	/	/	<=30	Pass
		Edge 1RB Right	20.99	/	/	21.34	/	/	<=30	Pass
		Outer Full	19.71	/	/	20.06	/	/	<=30	Pass
		Inner Full	20.01	/	/	20.36	/	/	<=30	Pass
		Inner 1RB Left	22.10	/	/	22.45	/	/	<=30	Pass
	3470.01	Inner 1RB Right	21.03	/	/	21.38	/	/	<=30	Pass
		Edge 1RB Left	22.10	/	/	22.45	/	/	<=30	Pass
		Edge 1RB Right	21.33	/	/	21.68	/	/	<=30	Pass
		Outer Full	19.46	/	/	19.81	/	/	<=30	Pass
		Inner Full	19.84	/	/	20.19	/	/	<=30	Pass
CP-OFDM 256 QAM	3499.995	Inner 1RB Left	22.06	/	/	22.41	/	/	<=30	Pass
		Inner 1RB Right	21.39	/	/	21.74	/	/	<=30	Pass
		Edge 1RB Left	19.30	/	/	19.65	/	/	<=30	Pass
		Edge 1RB Right	18.35	/	/	18.70	/	/	<=30	Pass
		Outer Full	17.17	/	/	17.52	/	/	<=30	Pass
	3529.995	Inner Full	17.17	/	/	17.52	/	/	<=30	Pass
		Inner 1RB Left	19.27	/	/	19.62	/	/	<=30	Pass
		Inner 1RB Right	18.42	/	/	18.77	/	/	<=30	Pass
		Edge 1RB Left	19.52	/	/	19.87	/	/	<=30	Pass
		Edge 1RB Right	18.30	/	/	18.65	/	/	<=30	Pass
	3499.995	Outer Full	17.10	/	/	17.45	/	/	<=30	Pass
		Inner Full	17.11	/	/	17.46	/	/	<=30	Pass
		Inner 1RB Left	19.48	/	/	19.83	/	/	<=30	Pass
		Inner 1RB Right	18.39	/	/	18.74	/	/	<=30	Pass
		Edge 1RB Left	19.04	/	/	19.39	/	/	<=30	Pass
3529.995	Edge 1RB Right	18.23	/	/	18.58	/	/	<=30	Pass	
	Outer Full	16.91	/	/	17.26	/	/	<=30	Pass	
	Inner Full	16.86	/	/	17.21	/	/	<=30	Pass	
	Inner 1RB Left	19.02	/	/	19.37	/	/	<=30	Pass	
	Inner 1RB Right	18.32	/	/	18.67	/	/	<=30	Pass	

Note1: Antenna Gain: Ant1: 0.35dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.7 15k_SISO_50MHz_NTNV_EIRP

5G NR n78e SCS=15kHz SISO 50MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum		
DFT-s-OFDM QPSK	3475.005	Edge 1RB Left	21.19	/	/	21.54	/	/	<=30	Pass
		Edge 1RB Right	20.27	/	/	20.62	/	/	<=30	Pass
		Outer Full	22.83	/	/	23.18	/	/	<=30	Pass
		Inner Full	23.82	/	/	24.17	/	/	<=30	Pass
		Inner 1RB Left	24.50	/	/	24.85	/	/	<=30	Pass
		Inner 1RB Right	23.61	/	/	23.96	/	/	<=30	Pass
	3499.995	Edge 1RB Left	21.57	/	/	21.92	/	/	<=30	Pass
		Edge 1RB Right	20.52	/	/	20.87	/	/	<=30	Pass
		Outer Full	23.14	/	/	23.49	/	/	<=30	Pass
		Inner Full	23.94	/	/	24.29	/	/	<=30	Pass
		Inner 1RB Left	24.76	/	/	25.11	/	/	<=30	Pass
	3525	Inner 1RB Right	23.82	/	/	24.17	/	/	<=30	Pass
		Edge 1RB Left	21.28	/	/	21.63	/	/	<=30	Pass
		Edge 1RB Right	20.66	/	/	21.01	/	/	<=30	Pass
		Outer Full	22.85	/	/	23.20	/	/	<=30	Pass

DFT-s-OFDM 16 QAM	3475.005	Inner Full	23.79	/	/	24.14	/	/	<=30	Pass	
		Inner 1RB Left	24.45	/	/	24.80	/	/	<=30	Pass	
		Inner 1RB Right	23.92	/	/	24.27	/	/	<=30	Pass	
	3499.995	3475.005	Edge 1RB Left	21.11	/	/	21.46	/	/	<=30	Pass
			Edge 1RB Right	20.23	/	/	20.58	/	/	<=30	Pass
			Outer Full	20.98	/	/	21.33	/	/	<=30	Pass
		3499.995	Inner Full	22.22	/	/	22.57	/	/	<=30	Pass
			Inner 1RB Left	22.67	/	/	23.02	/	/	<=30	Pass
			Inner 1RB Right	21.90	/	/	22.25	/	/	<=30	Pass
	3525	3499.995	Edge 1RB Left	21.56	/	/	21.91	/	/	<=30	Pass
			Edge 1RB Right	20.41	/	/	20.76	/	/	<=30	Pass
			Outer Full	21.17	/	/	21.52	/	/	<=30	Pass
		3525	Inner Full	22.48	/	/	22.83	/	/	<=30	Pass
			Inner 1RB Left	23.31	/	/	23.66	/	/	<=30	Pass
			Inner 1RB Right	22.29	/	/	22.64	/	/	<=30	Pass
	DFT-s-OFDM 64 QAM	3475.005	Edge 1RB Left	21.01	/	/	21.36	/	/	<=30	Pass
			Edge 1RB Right	20.13	/	/	20.48	/	/	<=30	Pass
			Outer Full	20.53	/	/	20.88	/	/	<=30	Pass
Inner Full			20.55	/	/	20.90	/	/	<=30	Pass	
Inner 1RB Left			21.02	/	/	21.37	/	/	<=30	Pass	
Inner 1RB Right			20.29	/	/	20.64	/	/	<=30	Pass	
3499.995		3475.005	Edge 1RB Left	21.44	/	/	21.79	/	/	<=30	Pass
			Edge 1RB Right	20.31	/	/	20.66	/	/	<=30	Pass
			Outer Full	20.70	/	/	21.05	/	/	<=30	Pass
		3499.995	Inner Full	20.65	/	/	21.00	/	/	<=30	Pass
			Inner 1RB Left	21.47	/	/	21.82	/	/	<=30	Pass
			Inner 1RB Right	20.45	/	/	20.80	/	/	<=30	Pass
3525		3499.995	Edge 1RB Left	21.15	/	/	21.50	/	/	<=30	Pass
			Edge 1RB Right	20.42	/	/	20.77	/	/	<=30	Pass
			Outer Full	20.55	/	/	20.90	/	/	<=30	Pass
		3525	Inner Full	20.48	/	/	20.83	/	/	<=30	Pass
			Inner 1RB Left	21.18	/	/	21.53	/	/	<=30	Pass
			Inner 1RB Right	20.52	/	/	20.87	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.005	Edge 1RB Left	19.73	/	/	20.08	/	/	<=30	Pass	
		Edge 1RB Right	18.87	/	/	19.22	/	/	<=30	Pass	
		Outer Full	19.10	/	/	19.45	/	/	<=30	Pass	
		Inner Full	19.13	/	/	19.48	/	/	<=30	Pass	
		Inner 1RB Left	19.78	/	/	20.13	/	/	<=30	Pass	
		Inner 1RB Right	18.99	/	/	19.34	/	/	<=30	Pass	
	3499.995	3475.005	Edge 1RB Left	19.89	/	/	20.24	/	/	<=30	Pass
			Edge 1RB Right	18.74	/	/	19.09	/	/	<=30	Pass
			Outer Full	18.98	/	/	19.33	/	/	<=30	Pass
		3499.995	Inner Full	18.99	/	/	19.34	/	/	<=30	Pass
			Inner 1RB Left	19.92	/	/	20.27	/	/	<=30	Pass
			Inner 1RB Right	18.84	/	/	19.19	/	/	<=30	Pass
	3525	3499.995	Edge 1RB Left	19.68	/	/	20.03	/	/	<=30	Pass
			Edge 1RB Right	18.94	/	/	19.29	/	/	<=30	Pass
			Outer Full	18.92	/	/	19.27	/	/	<=30	Pass
		3525	Inner Full	18.88	/	/	19.23	/	/	<=30	Pass
			Inner 1RB Left	19.73	/	/	20.08	/	/	<=30	Pass
			Inner 1RB Right	19.05	/	/	19.40	/	/	<=30	Pass
CP-OFDM QPSK	3475.005	Edge 1RB Left	21.20	/	/	21.55	/	/	<=30	Pass	
		Edge 1RB Right	22.54	/	/	22.89	/	/	<=30	Pass	

		Outer Full	20.05	/	/	20.40	/	/	<=30	Pass	
		Inner Full	21.69	/	/	22.04	/	/	<=30	Pass	
		Inner 1RB Left	22.38	/	/	22.73	/	/	<=30	Pass	
		Inner 1RB Right	22.49	/	/	22.84	/	/	<=30	Pass	
	3499.995	Edge 1RB Left	21.54	/	/	21.89	/	/	<=30	Pass	
		Edge 1RB Right	22.79	/	/	23.14	/	/	<=30	Pass	
		Outer Full	20.34	/	/	20.69	/	/	<=30	Pass	
		Inner Full	21.90	/	/	22.25	/	/	<=30	Pass	
	3525	Inner 1RB Left	22.83	/	/	23.18	/	/	<=30	Pass	
		Inner 1RB Right	22.73	/	/	23.08	/	/	<=30	Pass	
		Edge 1RB Left	21.29	/	/	21.64	/	/	<=30	Pass	
		Edge 1RB Right	22.73	/	/	23.08	/	/	<=30	Pass	
	CP-OFDM 16 QAM	3475.005	Outer Full	20.04	/	/	20.39	/	/	<=30	Pass
			Inner Full	21.57	/	/	21.92	/	/	<=30	Pass
			Inner 1RB Left	22.34	/	/	22.69	/	/	<=30	Pass
			Inner 1RB Right	22.64	/	/	22.99	/	/	<=30	Pass
3499.995		Edge 1RB Left	21.15	/	/	21.50	/	/	<=30	Pass	
		Edge 1RB Right	21.47	/	/	21.82	/	/	<=30	Pass	
		Outer Full	19.98	/	/	20.33	/	/	<=30	Pass	
		Inner Full	20.52	/	/	20.87	/	/	<=30	Pass	
3525		Inner 1RB Left	21.21	/	/	21.56	/	/	<=30	Pass	
		Inner 1RB Right	21.43	/	/	21.78	/	/	<=30	Pass	
		Edge 1RB Left	21.37	/	/	21.72	/	/	<=30	Pass	
		Edge 1RB Right	21.40	/	/	21.75	/	/	<=30	Pass	
CP-OFDM 64 QAM		3475.005	Outer Full	20.23	/	/	20.58	/	/	<=30	Pass
			Inner Full	20.64	/	/	20.99	/	/	<=30	Pass
			Inner 1RB Left	21.44	/	/	21.79	/	/	<=30	Pass
			Inner 1RB Right	21.36	/	/	21.71	/	/	<=30	Pass
	3499.995	Edge 1RB Left	21.25	/	/	21.60	/	/	<=30	Pass	
		Edge 1RB Right	21.60	/	/	21.95	/	/	<=30	Pass	
		Outer Full	19.99	/	/	20.34	/	/	<=30	Pass	
		Inner Full	20.41	/	/	20.76	/	/	<=30	Pass	
	3525	Inner 1RB Left	21.32	/	/	21.67	/	/	<=30	Pass	
		Inner 1RB Right	21.57	/	/	21.92	/	/	<=30	Pass	
		Edge 1RB Left	20.93	/	/	21.28	/	/	<=30	Pass	
		Edge 1RB Right	21.25	/	/	21.60	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3475.005	Outer Full	19.51	/	/	19.86	/	/	<=30	Pass
			Inner Full	20.04	/	/	20.39	/	/	<=30	Pass
			Inner 1RB Left	20.99	/	/	21.34	/	/	<=30	Pass
			Inner 1RB Right	21.21	/	/	21.56	/	/	<=30	Pass
3499.995		Edge 1RB Left	21.05	/	/	21.40	/	/	<=30	Pass	
		Edge 1RB Right	21.08	/	/	21.43	/	/	<=30	Pass	
		Outer Full	19.76	/	/	20.11	/	/	<=30	Pass	
		Inner Full	20.13	/	/	20.48	/	/	<=30	Pass	
3525		Inner 1RB Left	21.12	/	/	21.47	/	/	<=30	Pass	
		Inner 1RB Right	21.04	/	/	21.39	/	/	<=30	Pass	
		Edge 1RB Left	20.73	/	/	21.08	/	/	<=30	Pass	
		Edge 1RB Right	21.10	/	/	21.45	/	/	<=30	Pass	
3475.005		Outer Full	19.48	/	/	19.83	/	/	<=30	Pass	
		Inner Full	19.91	/	/	20.26	/	/	<=30	Pass	
		Inner 1RB Left	20.81	/	/	21.16	/	/	<=30	Pass	
		Inner 1RB Right	21.06	/	/	21.41	/	/	<=30	Pass	
	Edge 1RB Left	18.01	/	/	18.36	/	/	<=30	Pass		
	Edge 1RB Right	18.36	/	/	18.71	/	/	<=30	Pass		
	Outer Full	17.19	/	/	17.54	/	/	<=30	Pass		
	Inner Full	17.29	/	/	17.64	/	/	<=30	Pass		
3499.995	Inner 1RB Left	18.08	/	/	18.43	/	/	<=30	Pass		
	Inner 1RB Right	18.36	/	/	18.71	/	/	<=30	Pass		
	3499.995	Edge 1RB Left	18.30	/	/	18.65	/	/	<=30	Pass	

		Edge 1RB Right	18.34	/	/	18.69	/	/	<=30	Pass
		Outer Full	17.14	/	/	17.49	/	/	<=30	Pass
		Inner Full	17.23	/	/	17.58	/	/	<=30	Pass
		Inner 1RB Left	18.34	/	/	18.69	/	/	<=30	Pass
		Inner 1RB Right	18.29	/	/	18.64	/	/	<=30	Pass
	3525	Edge 1RB Left	17.92	/	/	18.27	/	/	<=30	Pass
		Edge 1RB Right	18.30	/	/	18.65	/	/	<=30	Pass
		Outer Full	16.90	/	/	17.25	/	/	<=30	Pass
		Inner Full	16.94	/	/	17.29	/	/	<=30	Pass
		Inner 1RB Left	18.01	/	/	18.36	/	/	<=30	Pass
		Inner 1RB Right	18.29	/	/	18.64	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 0.35dBi;
 Note2: EIRP=Conducted Power+Antenna Gain

1.1.8 30k_SISO_10MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3455.01	Edge 1RB Left	21.35	/	/	21.70	/	/	<=30	Pass
		Edge 1RB Right	20.86	/	/	21.21	/	/	<=30	Pass
		Outer Full	22.63	/	/	22.98	/	/	<=30	Pass
		Inner Full	24.55	/	/	24.90	/	/	<=30	Pass
		Inner 1RB Left	24.69	/	/	25.04	/	/	<=30	Pass
		Inner 1RB Right	24.67	/	/	25.02	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.35	/	/	21.70	/	/	<=30	Pass
		Edge 1RB Right	20.97	/	/	21.32	/	/	<=30	Pass
		Outer Full	22.85	/	/	23.20	/	/	<=30	Pass
		Inner Full	24.28	/	/	24.63	/	/	<=30	Pass
		Inner 1RB Left	24.45	/	/	24.80	/	/	<=30	Pass
		Inner 1RB Right	24.41	/	/	24.76	/	/	<=30	Pass
	3544.98	Edge 1RB Left	21.06	/	/	21.41	/	/	<=30	Pass
		Edge 1RB Right	20.83	/	/	21.18	/	/	<=30	Pass
		Outer Full	22.54	/	/	22.89	/	/	<=30	Pass
		Inner Full	24.26	/	/	24.61	/	/	<=30	Pass
		Inner 1RB Left	24.37	/	/	24.72	/	/	<=30	Pass
		Inner 1RB Right	24.42	/	/	24.77	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Edge 1RB Left	21.16	/	/	21.51	/	/	<=30	Pass
		Edge 1RB Right	20.92	/	/	21.27	/	/	<=30	Pass
		Outer Full	21.04	/	/	21.39	/	/	<=30	Pass
		Inner Full	22.53	/	/	22.88	/	/	<=30	Pass
		Inner 1RB Left	22.72	/	/	23.07	/	/	<=30	Pass
		Inner 1RB Right	22.74	/	/	23.09	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.45	/	/	21.80	/	/	<=30	Pass
		Edge 1RB Right	21.06	/	/	21.41	/	/	<=30	Pass
		Outer Full	20.97	/	/	21.32	/	/	<=30	Pass
		Inner Full	22.69	/	/	23.04	/	/	<=30	Pass
		Inner 1RB Left	22.78	/	/	23.13	/	/	<=30	Pass
		Inner 1RB Right	22.88	/	/	23.23	/	/	<=30	Pass
	3544.98	Edge 1RB Left	21.07	/	/	21.42	/	/	<=30	Pass
		Edge 1RB Right	20.84	/	/	21.19	/	/	<=30	Pass
		Outer Full	20.77	/	/	21.12	/	/	<=30	Pass
		Inner Full	22.41	/	/	22.76	/	/	<=30	Pass
		Inner 1RB Left	22.52	/	/	22.87	/	/	<=30	Pass
		Inner 1RB Right	22.62	/	/	22.97	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3455.01	Edge 1RB Left	21.04	/	/	21.39	/	/	<=30	Pass
		Edge 1RB Right	20.80	/	/	21.15	/	/	<=30	Pass
		Outer Full	20.23	/	/	20.58	/	/	<=30	Pass

		Inner Full	20.67	/	/	21.02	/	/	<=30	Pass		
		Inner 1RB Left	20.81	/	/	21.16	/	/	<=30	Pass		
		Inner 1RB Right	20.82	/	/	21.17	/	/	<=30	Pass		
	3500.01		Edge 1RB Left	21.32	/	/	21.67	/	/	<=30	Pass	
			Edge 1RB Right	21.13	/	/	21.48	/	/	<=30	Pass	
			Outer Full	20.50	/	/	20.85	/	/	<=30	Pass	
		3544.98		Inner Full	20.91	/	/	21.26	/	/	<=30	Pass
				Inner 1RB Left	21.27	/	/	21.62	/	/	<=30	Pass
				Inner 1RB Right	21.22	/	/	21.57	/	/	<=30	Pass
	3544.98		Edge 1RB Left	20.93	/	/	21.28	/	/	<=30	Pass	
			Edge 1RB Right	20.70	/	/	21.05	/	/	<=30	Pass	
			Outer Full	20.20	/	/	20.55	/	/	<=30	Pass	
			Inner Full	20.61	/	/	20.96	/	/	<=30	Pass	
	DFT-s-OFDM 256 QAM	3455.01	Inner 1RB Left	20.70	/	/	21.05	/	/	<=30	Pass	
			Inner 1RB Right	20.79	/	/	21.14	/	/	<=30	Pass	
Edge 1RB Left			19.88	/	/	20.23	/	/	<=30	Pass		
Edge 1RB Right			19.64	/	/	19.99	/	/	<=30	Pass		
Outer Full			19.07	/	/	19.42	/	/	<=30	Pass		
Inner Full			19.53	/	/	19.88	/	/	<=30	Pass		
3500.01			Inner 1RB Left	19.64	/	/	19.99	/	/	<=30	Pass	
			Inner 1RB Right	19.65	/	/	20.00	/	/	<=30	Pass	
			Edge 1RB Left	19.52	/	/	19.87	/	/	<=30	Pass	
		3544.98		Edge 1RB Right	19.13	/	/	19.48	/	/	<=30	Pass
				Outer Full	18.67	/	/	19.02	/	/	<=30	Pass
				Inner Full	19.13	/	/	19.48	/	/	<=30	Pass
3500.01			Inner 1RB Left	19.31	/	/	19.66	/	/	<=30	Pass	
			Inner 1RB Right	19.24	/	/	19.59	/	/	<=30	Pass	
			Edge 1RB Left	19.36	/	/	19.71	/	/	<=30	Pass	
		3544.98		Edge 1RB Right	19.13	/	/	19.48	/	/	<=30	Pass
				Outer Full	18.62	/	/	18.97	/	/	<=30	Pass
				Inner Full	19.06	/	/	19.41	/	/	<=30	Pass
3500.01			Inner 1RB Left	19.12	/	/	19.47	/	/	<=30	Pass	
			Inner 1RB Right	19.22	/	/	19.57	/	/	<=30	Pass	
			Edge 1RB Left	21.17	/	/	21.52	/	/	<=30	Pass	
		3455.01		Edge 1RB Right	20.95	/	/	21.30	/	/	<=30	Pass
				Outer Full	19.88	/	/	20.23	/	/	<=30	Pass
				Inner Full	21.98	/	/	22.33	/	/	<=30	Pass
3500.01			Inner 1RB Left	22.08	/	/	22.43	/	/	<=30	Pass	
			Inner 1RB Right	22.08	/	/	22.43	/	/	<=30	Pass	
			Edge 1RB Left	21.40	/	/	21.75	/	/	<=30	Pass	
	3544.98		Edge 1RB Right	21.01	/	/	21.36	/	/	<=30	Pass	
			Outer Full	20.01	/	/	20.36	/	/	<=30	Pass	
			Inner Full	22.10	/	/	22.45	/	/	<=30	Pass	
3500.01			Inner 1RB Left	22.33	/	/	22.68	/	/	<=30	Pass	
			Inner 1RB Right	22.31	/	/	22.66	/	/	<=30	Pass	
			Edge 1RB Left	21.07	/	/	21.42	/	/	<=30	Pass	
	3544.98		Edge 1RB Right	20.87	/	/	21.22	/	/	<=30	Pass	
			Outer Full	19.80	/	/	20.15	/	/	<=30	Pass	
			Inner Full	21.87	/	/	22.22	/	/	<=30	Pass	
3500.01			Inner 1RB Left	22.03	/	/	22.38	/	/	<=30	Pass	
			Inner 1RB Right	22.12	/	/	22.47	/	/	<=30	Pass	
			Edge 1RB Left	21.16	/	/	21.51	/	/	<=30	Pass	
	3455.01		Edge 1RB Right	20.96	/	/	21.31	/	/	<=30	Pass	
			Outer Full	19.88	/	/	20.23	/	/	<=30	Pass	
			Inner Full	20.76	/	/	21.11	/	/	<=30	Pass	
3500.01			Inner 1RB Left	20.96	/	/	21.31	/	/	<=30	Pass	
			Inner 1RB Right	20.98	/	/	21.33	/	/	<=30	Pass	
			Edge 1RB Left	21.43	/	/	21.78	/	/	<=30	Pass	
	3500.01		Edge 1RB Right	21.10	/	/	21.45	/	/	<=30	Pass	

	3544.98	Outer Full	19.93	/	/	20.28	/	/	<=30	Pass
		Inner Full	20.99	/	/	21.34	/	/	<=30	Pass
		Inner 1RB Left	21.21	/	/	21.56	/	/	<=30	Pass
		Inner 1RB Right	21.16	/	/	21.51	/	/	<=30	Pass
		Edge 1RB Left	21.02	/	/	21.37	/	/	<=30	Pass
		Edge 1RB Right	20.83	/	/	21.18	/	/	<=30	Pass
		Outer Full	19.82	/	/	20.17	/	/	<=30	Pass
		Inner Full	20.65	/	/	21.00	/	/	<=30	Pass
		Inner 1RB Left	20.82	/	/	21.17	/	/	<=30	Pass
		Inner 1RB Right	20.91	/	/	21.26	/	/	<=30	Pass
CP-OFDM 64 QAM	3455.01	Edge 1RB Left	20.65	/	/	21.00	/	/	<=30	Pass
		Edge 1RB Right	20.43	/	/	20.78	/	/	<=30	Pass
		Outer Full	19.35	/	/	19.70	/	/	<=30	Pass
		Inner Full	20.19	/	/	20.54	/	/	<=30	Pass
		Inner 1RB Left	20.44	/	/	20.79	/	/	<=30	Pass
		Inner 1RB Right	20.46	/	/	20.81	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.93	/	/	21.28	/	/	<=30	Pass
		Edge 1RB Right	20.70	/	/	21.05	/	/	<=30	Pass
		Outer Full	19.49	/	/	19.84	/	/	<=30	Pass
		Inner Full	20.45	/	/	20.80	/	/	<=30	Pass
		Inner 1RB Left	20.81	/	/	21.16	/	/	<=30	Pass
		Inner 1RB Right	20.67	/	/	21.02	/	/	<=30	Pass
	3544.98	Edge 1RB Left	20.63	/	/	20.98	/	/	<=30	Pass
		Edge 1RB Right	20.43	/	/	20.78	/	/	<=30	Pass
		Outer Full	19.27	/	/	19.62	/	/	<=30	Pass
		Inner Full	20.10	/	/	20.45	/	/	<=30	Pass
Inner 1RB Left		20.43	/	/	20.78	/	/	<=30	Pass	
Inner 1RB Right		20.53	/	/	20.88	/	/	<=30	Pass	
CP-OFDM 256 QAM	3455.01	Edge 1RB Left	18.18	/	/	18.53	/	/	<=30	Pass
		Edge 1RB Right	17.95	/	/	18.30	/	/	<=30	Pass
		Outer Full	17.21	/	/	17.56	/	/	<=30	Pass
		Inner Full	17.72	/	/	18.07	/	/	<=30	Pass
		Inner 1RB Left	17.96	/	/	18.31	/	/	<=30	Pass
		Inner 1RB Right	17.98	/	/	18.33	/	/	<=30	Pass
	3500.01	Edge 1RB Left	17.82	/	/	18.17	/	/	<=30	Pass
		Edge 1RB Right	17.44	/	/	17.79	/	/	<=30	Pass
		Outer Full	16.81	/	/	17.16	/	/	<=30	Pass
		Inner Full	17.31	/	/	17.66	/	/	<=30	Pass
		Inner 1RB Left	17.56	/	/	17.91	/	/	<=30	Pass
		Inner 1RB Right	17.53	/	/	17.88	/	/	<=30	Pass
	3544.98	Edge 1RB Left	17.51	/	/	17.86	/	/	<=30	Pass
		Edge 1RB Right	17.28	/	/	17.63	/	/	<=30	Pass
		Outer Full	16.60	/	/	16.95	/	/	<=30	Pass
		Inner Full	17.10	/	/	17.45	/	/	<=30	Pass
Inner 1RB Left		17.28	/	/	17.63	/	/	<=30	Pass	
Inner 1RB Right		17.38	/	/	17.73	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: 0.35dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_15MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum		
DFT-s-OFDM QPSK	3457.5	Edge 1RB Left	21.55	/	/	21.90	/	/	<=30	Pass
		Edge 1RB Right	21.54	/	/	21.89	/	/	<=30	Pass
		Outer Full	22.94	/	/	23.29	/	/	<=30	Pass
		Inner Full	24.53	/	/	24.88	/	/	<=30	Pass

	3500.01	Inner 1RB Left	24.93	/	/	25.28	/	/	<=30	Pass	
		Inner 1RB Right	25.11	/	/	25.46	/	/	<=30	Pass	
		Edge 1RB Left	21.57	/	/	21.92	/	/	<=30	Pass	
		Edge 1RB Right	21.42	/	/	21.77	/	/	<=30	Pass	
		Outer Full	22.79	/	/	23.14	/	/	<=30	Pass	
		Inner Full	24.48	/	/	24.83	/	/	<=30	Pass	
		Inner 1RB Left	25.04	/	/	25.39	/	/	<=30	Pass	
	3542.49	Inner 1RB Right	24.87	/	/	25.22	/	/	<=30	Pass	
		Edge 1RB Left	20.89	/	/	21.24	/	/	<=30	Pass	
		Edge 1RB Right	21.22	/	/	21.57	/	/	<=30	Pass	
		Outer Full	22.16	/	/	22.51	/	/	<=30	Pass	
		Inner Full	23.74	/	/	24.09	/	/	<=30	Pass	
	DFT-s-OFDM 16 QAM	3457.5	Inner 1RB Left	24.23	/	/	24.58	/	/	<=30	Pass
			Inner 1RB Right	24.38	/	/	24.73	/	/	<=30	Pass
Edge 1RB Left			21.36	/	/	21.71	/	/	<=30	Pass	
Edge 1RB Right			21.70	/	/	22.05	/	/	<=30	Pass	
Outer Full			21.02	/	/	21.37	/	/	<=30	Pass	
Inner Full			22.55	/	/	22.90	/	/	<=30	Pass	
3500.01		Inner 1RB Left	23.32	/	/	23.67	/	/	<=30	Pass	
		Inner 1RB Right	23.37	/	/	23.72	/	/	<=30	Pass	
		Edge 1RB Left	21.46	/	/	21.81	/	/	<=30	Pass	
		Edge 1RB Right	21.44	/	/	21.79	/	/	<=30	Pass	
		Outer Full	21.05	/	/	21.40	/	/	<=30	Pass	
		Inner Full	22.54	/	/	22.89	/	/	<=30	Pass	
		Inner 1RB Left	23.20	/	/	23.55	/	/	<=30	Pass	
		Inner 1RB Right	23.19	/	/	23.54	/	/	<=30	Pass	
3542.49	Edge 1RB Left	20.82	/	/	21.17	/	/	<=30	Pass		
	Edge 1RB Right	20.98	/	/	21.33	/	/	<=30	Pass		
	Outer Full	20.63	/	/	20.98	/	/	<=30	Pass		
	Inner Full	21.97	/	/	22.32	/	/	<=30	Pass		
	Inner 1RB Left	22.53	/	/	22.88	/	/	<=30	Pass		
	Inner 1RB Right	22.58	/	/	22.93	/	/	<=30	Pass		
DFT-s-OFDM 64 QAM	3457.5	Edge 1RB Left	21.53	/	/	21.88	/	/	<=30	Pass	
		Edge 1RB Right	21.61	/	/	21.96	/	/	<=30	Pass	
		Outer Full	20.41	/	/	20.76	/	/	<=30	Pass	
		Inner Full	20.79	/	/	21.14	/	/	<=30	Pass	
		Inner 1RB Left	21.43	/	/	21.78	/	/	<=30	Pass	
		Inner 1RB Right	21.42	/	/	21.77	/	/	<=30	Pass	
	3500.01	Edge 1RB Left	21.74	/	/	22.09	/	/	<=30	Pass	
		Edge 1RB Right	21.66	/	/	22.01	/	/	<=30	Pass	
		Outer Full	20.55	/	/	20.90	/	/	<=30	Pass	
		Inner Full	20.94	/	/	21.29	/	/	<=30	Pass	
		Inner 1RB Left	21.49	/	/	21.84	/	/	<=30	Pass	
		Inner 1RB Right	21.52	/	/	21.87	/	/	<=30	Pass	
		3542.49	Edge 1RB Left	20.79	/	/	21.14	/	/	<=30	Pass
			Edge 1RB Right	21.21	/	/	21.56	/	/	<=30	Pass
Outer Full	19.89		/	/	20.24	/	/	<=30	Pass		
Inner Full	20.21		/	/	20.56	/	/	<=30	Pass		
Inner 1RB Left	21.01		/	/	21.36	/	/	<=30	Pass		
Inner 1RB Right	21.06		/	/	21.41	/	/	<=30	Pass		
DFT-s-OFDM 256 QAM	3457.5	Edge 1RB Left	20.42	/	/	20.77	/	/	<=30	Pass	
		Edge 1RB Right	20.59	/	/	20.94	/	/	<=30	Pass	
		Outer Full	19.23	/	/	19.58	/	/	<=30	Pass	
		Inner Full	19.67	/	/	20.02	/	/	<=30	Pass	
		Inner 1RB Left	20.19	/	/	20.54	/	/	<=30	Pass	
		Inner 1RB Right	20.19	/	/	20.54	/	/	<=30	Pass	
	3500.01	Edge 1RB Left	19.70	/	/	20.05	/	/	<=30	Pass	
		Edge 1RB Right	19.81	/	/	20.16	/	/	<=30	Pass	
		Outer Full	18.70	/	/	19.05	/	/	<=30	Pass	

	3542.49	Inner Full	19.08	/	/	19.43	/	/	<=30	Pass
		Inner 1RB Left	19.84	/	/	20.19	/	/	<=30	Pass
		Inner 1RB Right	19.60	/	/	19.95	/	/	<=30	Pass
		Edge 1RB Left	19.27	/	/	19.62	/	/	<=30	Pass
		Edge 1RB Right	19.44	/	/	19.79	/	/	<=30	Pass
		Outer Full	18.29	/	/	18.64	/	/	<=30	Pass
		Inner Full	18.53	/	/	18.88	/	/	<=30	Pass
		Inner 1RB Left	19.14	/	/	19.49	/	/	<=30	Pass
CP-OFDM QPSK	3457.5	Edge 1RB Left	21.35	/	/	21.70	/	/	<=30	Pass
		Edge 1RB Right	21.71	/	/	22.06	/	/	<=30	Pass
		Outer Full	20.19	/	/	20.54	/	/	<=30	Pass
		Inner Full	22.09	/	/	22.44	/	/	<=30	Pass
		Inner 1RB Left	22.62	/	/	22.97	/	/	<=30	Pass
		Inner 1RB Right	22.81	/	/	23.16	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.23	/	/	21.58	/	/	<=30	Pass
		Edge 1RB Right	21.28	/	/	21.63	/	/	<=30	Pass
		Outer Full	20.14	/	/	20.49	/	/	<=30	Pass
		Inner Full	21.96	/	/	22.31	/	/	<=30	Pass
		Inner 1RB Left	22.65	/	/	23.00	/	/	<=30	Pass
		Inner 1RB Right	22.68	/	/	23.03	/	/	<=30	Pass
	3542.49	Edge 1RB Left	21.04	/	/	21.39	/	/	<=30	Pass
		Edge 1RB Right	21.03	/	/	21.38	/	/	<=30	Pass
		Outer Full	19.53	/	/	19.88	/	/	<=30	Pass
		Inner Full	21.58	/	/	21.93	/	/	<=30	Pass
Inner 1RB Left		21.99	/	/	22.34	/	/	<=30	Pass	
Inner 1RB Right		22.29	/	/	22.64	/	/	<=30	Pass	
CP-OFDM 16 QAM	3457.5	Edge 1RB Left	21.55	/	/	21.90	/	/	<=30	Pass
		Edge 1RB Right	21.67	/	/	22.02	/	/	<=30	Pass
		Outer Full	20.22	/	/	20.57	/	/	<=30	Pass
		Inner Full	20.81	/	/	21.16	/	/	<=30	Pass
		Inner 1RB Left	21.37	/	/	21.72	/	/	<=30	Pass
		Inner 1RB Right	21.48	/	/	21.83	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.66	/	/	22.01	/	/	<=30	Pass
		Edge 1RB Right	21.56	/	/	21.91	/	/	<=30	Pass
		Outer Full	12.63	/	/	12.98	/	/	<=30	Pass
		Inner Full	20.72	/	/	21.07	/	/	<=30	Pass
		Inner 1RB Left	21.23	/	/	21.58	/	/	<=30	Pass
		Inner 1RB Right	21.19	/	/	21.54	/	/	<=30	Pass
	3542.49	Edge 1RB Left	21.03	/	/	21.38	/	/	<=30	Pass
		Edge 1RB Right	20.94	/	/	21.29	/	/	<=30	Pass
		Outer Full	19.52	/	/	19.87	/	/	<=30	Pass
		Inner Full	20.26	/	/	20.61	/	/	<=30	Pass
		Inner 1RB Left	21.00	/	/	21.35	/	/	<=30	Pass
		Inner 1RB Right	21.09	/	/	21.44	/	/	<=30	Pass
CP-OFDM 64 QAM	3457.5	Edge 1RB Left	21.11	/	/	21.46	/	/	<=30	Pass
		Edge 1RB Right	21.30	/	/	21.65	/	/	<=30	Pass
		Outer Full	19.61	/	/	19.96	/	/	<=30	Pass
		Inner Full	20.35	/	/	20.70	/	/	<=30	Pass
		Inner 1RB Left	20.98	/	/	21.33	/	/	<=30	Pass
		Inner 1RB Right	21.03	/	/	21.38	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.49	/	/	20.84	/	/	<=30	Pass
		Edge 1RB Right	20.43	/	/	20.78	/	/	<=30	Pass
		Outer Full	9.66	/	/	10.01	/	/	<=30	Pass
		Inner Full	19.63	/	/	19.98	/	/	<=30	Pass
		Inner 1RB Left	20.15	/	/	20.50	/	/	<=30	Pass
		Inner 1RB Right	20.02	/	/	20.37	/	/	<=30	Pass
	3542.49	Edge 1RB Left	20.61	/	/	20.96	/	/	<=30	Pass
		Edge 1RB Right	20.83	/	/	21.18	/	/	<=30	Pass

CP-OFDM 256 QAM		Outer Full	18.94	/	/	19.29	/	/	<=30	Pass	
		Inner Full	19.75	/	/	20.10	/	/	<=30	Pass	
		Inner 1RB Left	20.41	/	/	20.76	/	/	<=30	Pass	
		Inner 1RB Right	20.72	/	/	21.07	/	/	<=30	Pass	
	3457.5	Edge 1RB Left	18.40	/	/	18.75	/	/	<=30	Pass	
		Edge 1RB Right	18.68	/	/	19.03	/	/	<=30	Pass	
		Outer Full	17.46	/	/	17.81	/	/	<=30	Pass	
		Inner Full	17.88	/	/	18.23	/	/	<=30	Pass	
		Inner 1RB Left	18.41	/	/	18.76	/	/	<=30	Pass	
		Inner 1RB Right	18.62	/	/	18.97	/	/	<=30	Pass	
		3500.01	Edge 1RB Left	17.33	/	/	17.68	/	/	<=30	Pass
			Edge 1RB Right	17.34	/	/	17.69	/	/	<=30	Pass
	Outer Full		16.10	/	/	16.45	/	/	<=30	Pass	
	Inner Full		16.98	/	/	17.33	/	/	<=30	Pass	
	3542.49	Inner 1RB Left	17.19	/	/	17.54	/	/	<=30	Pass	
		Inner 1RB Right	17.55	/	/	17.90	/	/	<=30	Pass	
		Edge 1RB Left	17.31	/	/	17.66	/	/	<=30	Pass	
		Edge 1RB Right	17.57	/	/	17.92	/	/	<=30	Pass	
		Outer Full	16.33	/	/	16.68	/	/	<=30	Pass	
		Inner Full	16.68	/	/	17.03	/	/	<=30	Pass	
Inner 1RB Left		17.22	/	/	17.57	/	/	<=30	Pass		
Inner 1RB Right		17.40	/	/	17.75	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: 0.35dBi;											
Note2: EIRP=Conducted Power+Antenna Gain											

1.1.10 30k_SISO_20MHz_NTNV_EIRP

5G NR n78e 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 QPSK	3460.02	Edge 1RB Left	21.63	/	/	21.98	/	/	<=30	Pass
		Edge 1RB Right	21.75	/	/	22.10	/	/	<=30	Pass
		Outer Full	22.98	/	/	23.33	/	/	<=30	Pass
		Inner Full	24.14	/	/	24.49	/	/	<=30	Pass
		Inner 1RB Left	24.95	/	/	25.30	/	/	<=30	Pass
		Inner 1RB Right	24.89	/	/	25.24	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.64	/	/	21.99	/	/	<=30	Pass
		Edge 1RB Right	21.54	/	/	21.89	/	/	<=30	Pass
		Outer Full	22.86	/	/	23.21	/	/	<=30	Pass
		Inner Full	24.00	/	/	24.35	/	/	<=30	Pass
		Inner 1RB Left	24.87	/	/	25.22	/	/	<=30	Pass
		Inner 1RB Right	24.66	/	/	25.01	/	/	<=30	Pass
	3540	Edge 1RB Left	21.48	/	/	21.83	/	/	<=30	Pass
		Edge 1RB Right	21.63	/	/	21.98	/	/	<=30	Pass
		Outer Full	22.61	/	/	22.96	/	/	<=30	Pass
		Inner Full	23.93	/	/	24.28	/	/	<=30	Pass
Inner 1RB Left		24.72	/	/	25.07	/	/	<=30	Pass	
Inner 1RB Right		24.71	/	/	25.06	/	/	<=30	Pass	
DFT-s-OFDM 16 QAM	3460.02	Edge 1RB Left	21.65	/	/	22.00	/	/	<=30	Pass
		Edge 1RB Right	21.65	/	/	22.00	/	/	<=30	Pass
		Outer Full	20.95	/	/	21.30	/	/	<=30	Pass
		Inner Full	22.55	/	/	22.90	/	/	<=30	Pass
		Inner 1RB Left	23.49	/	/	23.84	/	/	<=30	Pass
		Inner 1RB Right	23.55	/	/	23.90	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.72	/	/	22.07	/	/	<=30	Pass
		Edge 1RB Right	21.63	/	/	21.98	/	/	<=30	Pass
		Outer Full	20.84	/	/	21.19	/	/	<=30	Pass
		Inner Full	22.49	/	/	22.84	/	/	<=30	Pass

	3540	Inner 1RB Left	23.54	/	/	23.89	/	/	<=30	Pass
		Inner 1RB Right	23.31	/	/	23.66	/	/	<=30	Pass
		Edge 1RB Left	21.45	/	/	21.80	/	/	<=30	Pass
		Edge 1RB Right	21.62	/	/	21.97	/	/	<=30	Pass
		Outer Full	20.81	/	/	21.16	/	/	<=30	Pass
		Inner Full	22.17	/	/	22.52	/	/	<=30	Pass
		Inner 1RB Left	22.98	/	/	23.33	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Inner 1RB Right	23.13	/	/	23.48	/	/	<=30	Pass
		Edge 1RB Left	21.52	/	/	21.87	/	/	<=30	Pass
		Edge 1RB Right	21.92	/	/	22.27	/	/	<=30	Pass
		Outer Full	20.44	/	/	20.79	/	/	<=30	Pass
		Inner Full	20.69	/	/	21.04	/	/	<=30	Pass
	3500.01	Inner 1RB Left	21.49	/	/	21.84	/	/	<=30	Pass
		Inner 1RB Right	21.78	/	/	22.13	/	/	<=30	Pass
		Edge 1RB Left	21.63	/	/	21.98	/	/	<=30	Pass
		Edge 1RB Right	21.52	/	/	21.87	/	/	<=30	Pass
		Outer Full	20.40	/	/	20.75	/	/	<=30	Pass
		Inner Full	20.68	/	/	21.03	/	/	<=30	Pass
		Inner 1RB Left	21.60	/	/	21.95	/	/	<=30	Pass
		Inner 1RB Right	21.37	/	/	21.72	/	/	<=30	Pass
		3540	Edge 1RB Left	21.51	/	/	21.86	/	/	<=30
Edge 1RB Right	21.48		/	/	21.83	/	/	<=30	Pass	
Outer Full	20.24		/	/	20.59	/	/	<=30	Pass	
Inner Full	20.47		/	/	20.82	/	/	<=30	Pass	
Inner 1RB Left	21.48		/	/	21.83	/	/	<=30	Pass	
Inner 1RB Right	21.32		/	/	21.67	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3460.02	Edge 1RB Left	20.05	/	/	20.40	/	/	<=30	Pass
		Edge 1RB Right	20.31	/	/	20.66	/	/	<=30	Pass
		Outer Full	18.93	/	/	19.28	/	/	<=30	Pass
		Inner Full	19.11	/	/	19.46	/	/	<=30	Pass
		Inner 1RB Left	20.03	/	/	20.38	/	/	<=30	Pass
	3500.01	Inner 1RB Right	20.16	/	/	20.51	/	/	<=30	Pass
		Edge 1RB Left	19.97	/	/	20.32	/	/	<=30	Pass
		Edge 1RB Right	19.77	/	/	20.12	/	/	<=30	Pass
		Outer Full	18.60	/	/	18.95	/	/	<=30	Pass
		Inner Full	18.82	/	/	19.17	/	/	<=30	Pass
		Inner 1RB Left	19.95	/	/	20.30	/	/	<=30	Pass
	3540	Inner 1RB Right	19.72	/	/	20.07	/	/	<=30	Pass
		Edge 1RB Left	19.74	/	/	20.09	/	/	<=30	Pass
		Edge 1RB Right	19.89	/	/	20.24	/	/	<=30	Pass
		Outer Full	18.52	/	/	18.87	/	/	<=30	Pass
		Inner Full	18.70	/	/	19.05	/	/	<=30	Pass
		Inner 1RB Left	19.72	/	/	20.07	/	/	<=30	Pass
		Inner 1RB Right	19.74	/	/	20.09	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge 1RB Left	21.61	/	/	21.96	/	/	<=30	Pass
		Edge 1RB Right	21.60	/	/	21.95	/	/	<=30	Pass
		Outer Full	20.07	/	/	20.42	/	/	<=30	Pass
		Inner Full	22.00	/	/	22.35	/	/	<=30	Pass
		Inner 1RB Left	22.79	/	/	23.14	/	/	<=30	Pass
	3500.01	Inner 1RB Right	22.86	/	/	23.21	/	/	<=30	Pass
		Edge 1RB Left	21.70	/	/	22.05	/	/	<=30	Pass
		Edge 1RB Right	21.59	/	/	21.94	/	/	<=30	Pass
		Outer Full	20.06	/	/	20.41	/	/	<=30	Pass
		Inner Full	21.93	/	/	22.28	/	/	<=30	Pass
		Inner 1RB Left	22.80	/	/	23.15	/	/	<=30	Pass
	3540	Inner 1RB Right	22.73	/	/	23.08	/	/	<=30	Pass
		Edge 1RB Left	21.41	/	/	21.76	/	/	<=30	Pass
		Edge 1RB Right	21.60	/	/	21.95	/	/	<=30	Pass
		Outer Full	19.75	/	/	20.10	/	/	<=30	Pass

CP-OFDM 16 QAM	3460.02	Inner Full	21.67	/	/	22.02	/	/	<=30	Pass	
		Inner 1RB Left	22.58	/	/	22.93	/	/	<=30	Pass	
		Inner 1RB Right	22.47	/	/	22.82	/	/	<=30	Pass	
	3500.01	3460.02	Edge 1RB Left	21.61	/	/	21.96	/	/	<=30	Pass
			Edge 1RB Right	21.57	/	/	21.92	/	/	<=30	Pass
		3500.01	Outer Full	20.07	/	/	20.42	/	/	<=30	Pass
			Inner Full	20.62	/	/	20.97	/	/	<=30	Pass
			Inner 1RB Left	21.59	/	/	21.94	/	/	<=30	Pass
			Inner 1RB Right	21.42	/	/	21.77	/	/	<=30	Pass
	3540	3500.01	Edge 1RB Left	21.71	/	/	22.06	/	/	<=30	Pass
			Edge 1RB Right	21.61	/	/	21.96	/	/	<=30	Pass
		3540	Outer Full	20.00	/	/	20.35	/	/	<=30	Pass
			Inner Full	20.61	/	/	20.96	/	/	<=30	Pass
			Inner 1RB Left	21.69	/	/	22.04	/	/	<=30	Pass
			Inner 1RB Right	21.46	/	/	21.81	/	/	<=30	Pass
	CP-OFDM 64 QAM	3460.02	Edge 1RB Left	21.41	/	/	21.76	/	/	<=30	Pass
			Edge 1RB Right	21.56	/	/	21.91	/	/	<=30	Pass
			Outer Full	19.80	/	/	20.15	/	/	<=30	Pass
Inner Full			20.40	/	/	20.75	/	/	<=30	Pass	
Inner 1RB Left			21.40	/	/	21.75	/	/	<=30	Pass	
Inner 1RB Right			21.40	/	/	21.75	/	/	<=30	Pass	
3500.01		3460.02	Edge 1RB Left	21.11	/	/	21.46	/	/	<=30	Pass
			Edge 1RB Right	21.51	/	/	21.86	/	/	<=30	Pass
		3500.01	Outer Full	19.56	/	/	19.91	/	/	<=30	Pass
			Inner Full	20.16	/	/	20.51	/	/	<=30	Pass
			Inner 1RB Left	21.11	/	/	21.46	/	/	<=30	Pass
			Inner 1RB Right	21.35	/	/	21.70	/	/	<=30	Pass
3540		3500.01	Edge 1RB Left	21.22	/	/	21.57	/	/	<=30	Pass
			Edge 1RB Right	21.13	/	/	21.48	/	/	<=30	Pass
		3540	Outer Full	19.54	/	/	19.89	/	/	<=30	Pass
			Inner Full	20.15	/	/	20.50	/	/	<=30	Pass
			Inner 1RB Left	21.23	/	/	21.58	/	/	<=30	Pass
			Inner 1RB Right	21.00	/	/	21.35	/	/	<=30	Pass
3540	3540	Edge 1RB Left	21.03	/	/	21.38	/	/	<=30	Pass	
		Edge 1RB Right	21.06	/	/	21.41	/	/	<=30	Pass	
	3540	Outer Full	19.25	/	/	19.60	/	/	<=30	Pass	
		Inner Full	19.93	/	/	20.28	/	/	<=30	Pass	
		Inner 1RB Left	21.02	/	/	21.37	/	/	<=30	Pass	
		Inner 1RB Right	20.92	/	/	21.27	/	/	<=30	Pass	
CP-OFDM 256 QAM	3460.02	Edge 1RB Left	18.37	/	/	18.72	/	/	<=30	Pass	
		Edge 1RB Right	18.52	/	/	18.87	/	/	<=30	Pass	
		Outer Full	17.15	/	/	17.50	/	/	<=30	Pass	
		Inner Full	17.38	/	/	17.73	/	/	<=30	Pass	
		Inner 1RB Left	18.41	/	/	18.76	/	/	<=30	Pass	
		Inner 1RB Right	18.38	/	/	18.73	/	/	<=30	Pass	
	3500.01	3460.02	Edge 1RB Left	18.09	/	/	18.44	/	/	<=30	Pass
			Edge 1RB Right	17.93	/	/	18.28	/	/	<=30	Pass
		3500.01	Outer Full	16.81	/	/	17.16	/	/	<=30	Pass
			Inner Full	16.91	/	/	17.26	/	/	<=30	Pass
			Inner 1RB Left	18.07	/	/	18.42	/	/	<=30	Pass
			Inner 1RB Right	17.79	/	/	18.14	/	/	<=30	Pass
	3540	3500.01	Edge 1RB Left	17.81	/	/	18.16	/	/	<=30	Pass
			Edge 1RB Right	17.94	/	/	18.29	/	/	<=30	Pass
		3540	Outer Full	16.59	/	/	16.94	/	/	<=30	Pass
			Inner Full	16.64	/	/	16.99	/	/	<=30	Pass
			Inner 1RB Left	17.69	/	/	18.04	/	/	<=30	Pass
			Inner 1RB Right	17.73	/	/	18.08	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 0.35dBi;
 Note2: EIRP=Conducted Power+Antenna Gain

1.1.11 30k_SISO_25MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3462.51	Edge_1RB_Left	20.86	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	20.97	/	/	21.32	/	/	<=30	Pass
		Outer_Full	23.11	/	/	23.46	/	/	<=30	Pass
		Inner_Full	24.36	/	/	24.71	/	/	<=30	Pass
		Inner_1RB_Left	24.67	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Right	24.49	/	/	24.84	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.99	/	/	21.34	/	/	<=30	Pass
		Edge_1RB_Right	20.81	/	/	21.16	/	/	<=30	Pass
		Outer_Full	23.02	/	/	23.37	/	/	<=30	Pass
		Inner_Full	24.26	/	/	24.61	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	25.12	/	/	<=30	Pass
	3537.48	Inner_1RB_Right	24.30	/	/	24.65	/	/	<=30	Pass
		Edge_1RB_Left	20.70	/	/	21.05	/	/	<=30	Pass
		Edge_1RB_Right	20.87	/	/	21.22	/	/	<=30	Pass
		Outer_Full	22.61	/	/	22.96	/	/	<=30	Pass
Inner_Full		24.11	/	/	24.46	/	/	<=30	Pass	
Inner_1RB_Left		24.49	/	/	24.84	/	/	<=30	Pass	
DFT-s-OFDM 16 QAM	3462.51	Inner_1RB_Right	24.35	/	/	24.70	/	/	<=30	Pass
		Edge_1RB_Left	20.93	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Right	20.94	/	/	21.29	/	/	<=30	Pass
		Outer_Full	21.24	/	/	21.59	/	/	<=30	Pass
		Inner_Full	22.66	/	/	23.01	/	/	<=30	Pass
		Inner_1RB_Left	23.04	/	/	23.39	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	22.73	/	/	23.08	/	/	<=30	Pass
		Edge_1RB_Left	20.91	/	/	21.26	/	/	<=30	Pass
		Edge_1RB_Right	20.73	/	/	21.08	/	/	<=30	Pass
		Outer_Full	21.16	/	/	21.51	/	/	<=30	Pass
		Inner_Full	22.76	/	/	23.11	/	/	<=30	Pass
	3537.48	Inner_1RB_Left	23.19	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	22.91	/	/	23.26	/	/	<=30	Pass
		Edge_1RB_Left	20.57	/	/	20.92	/	/	<=30	Pass
		Edge_1RB_Right	20.87	/	/	21.22	/	/	<=30	Pass
Outer_Full		21.06	/	/	21.41	/	/	<=30	Pass	
Inner_Full		22.40	/	/	22.75	/	/	<=30	Pass	
DFT-s-OFDM 64 QAM	3462.51	Inner_1RB_Left	22.86	/	/	23.21	/	/	<=30	Pass
		Inner_1RB_Right	22.70	/	/	23.05	/	/	<=30	Pass
		Edge_1RB_Left	20.98	/	/	21.33	/	/	<=30	Pass
		Edge_1RB_Right	20.98	/	/	21.33	/	/	<=30	Pass
		Outer_Full	20.77	/	/	21.12	/	/	<=30	Pass
		Inner_Full	20.89	/	/	21.24	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	21.35	/	/	21.70	/	/	<=30	Pass
		Inner_1RB_Right	21.29	/	/	21.64	/	/	<=30	Pass
		Edge_1RB_Left	21.11	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	21.02	/	/	21.37	/	/	<=30	Pass
		Outer_Full	20.76	/	/	21.11	/	/	<=30	Pass
		Inner_Full	20.84	/	/	21.19	/	/	<=30	Pass
	3537.48	Inner_1RB_Left	21.56	/	/	21.91	/	/	<=30	Pass
		Inner_1RB_Right	21.03	/	/	21.38	/	/	<=30	Pass
		Edge_1RB_Left	20.86	/	/	21.21	/	/	<=30	Pass
Edge_1RB_Right		20.90	/	/	21.25	/	/	<=30	Pass	
Outer_Full		20.56	/	/	20.91	/	/	<=30	Pass	
Inner_Full	20.63	/	/	20.98	/	/	<=30	Pass		

DFT-s-OFDM 256 QAM	3462.51	Inner 1RB Left	21.22	/	/	21.57	/	/	<=30	Pass
		Inner 1RB Right	20.99	/	/	21.34	/	/	<=30	Pass
		Edge 1RB Left	19.33	/	/	19.68	/	/	<=30	Pass
		Edge 1RB Right	19.46	/	/	19.81	/	/	<=30	Pass
		Outer Full	19.25	/	/	19.60	/	/	<=30	Pass
		Inner Full	19.38	/	/	19.73	/	/	<=30	Pass
	3500.01	Inner 1RB Left	19.78	/	/	20.13	/	/	<=30	Pass
		Inner 1RB Right	19.62	/	/	19.97	/	/	<=30	Pass
		Edge 1RB Left	19.22	/	/	19.57	/	/	<=30	Pass
		Edge 1RB Right	18.99	/	/	19.34	/	/	<=30	Pass
		Outer Full	18.92	/	/	19.27	/	/	<=30	Pass
		Inner Full	19.06	/	/	19.41	/	/	<=30	Pass
	3537.48	Inner 1RB Left	19.54	/	/	19.89	/	/	<=30	Pass
		Inner 1RB Right	19.05	/	/	19.40	/	/	<=30	Pass
		Edge 1RB Left	18.95	/	/	19.30	/	/	<=30	Pass
Edge 1RB Right		19.10	/	/	19.45	/	/	<=30	Pass	
Outer Full		18.82	/	/	19.17	/	/	<=30	Pass	
Inner Full		18.92	/	/	19.27	/	/	<=30	Pass	
CP-OFDM QPSK	3462.51	Inner 1RB Left	19.25	/	/	19.60	/	/	<=30	Pass
		Inner 1RB Right	19.13	/	/	19.48	/	/	<=30	Pass
		Edge 1RB Left	20.78	/	/	21.13	/	/	<=30	Pass
		Edge 1RB Right	20.96	/	/	21.31	/	/	<=30	Pass
		Outer Full	20.18	/	/	20.53	/	/	<=30	Pass
		Inner Full	22.12	/	/	22.47	/	/	<=30	Pass
	3500.01	Inner 1RB Left	22.46	/	/	22.81	/	/	<=30	Pass
		Inner 1RB Right	22.18	/	/	22.53	/	/	<=30	Pass
		Edge 1RB Left	21.02	/	/	21.37	/	/	<=30	Pass
		Edge 1RB Right	20.70	/	/	21.05	/	/	<=30	Pass
		Outer Full	20.29	/	/	20.64	/	/	<=30	Pass
		Inner Full	22.14	/	/	22.49	/	/	<=30	Pass
	3537.48	Inner 1RB Left	22.65	/	/	23.00	/	/	<=30	Pass
		Inner 1RB Right	22.22	/	/	22.57	/	/	<=30	Pass
		Edge 1RB Left	20.72	/	/	21.07	/	/	<=30	Pass
Edge 1RB Right		20.85	/	/	21.20	/	/	<=30	Pass	
Outer Full		19.95	/	/	20.30	/	/	<=30	Pass	
Inner Full		21.88	/	/	22.23	/	/	<=30	Pass	
CP-OFDM 16 QAM	3462.51	Inner 1RB Left	22.24	/	/	22.59	/	/	<=30	Pass
		Inner 1RB Right	22.08	/	/	22.43	/	/	<=30	Pass
		Edge 1RB Left	20.73	/	/	21.08	/	/	<=30	Pass
		Edge 1RB Right	21.02	/	/	21.37	/	/	<=30	Pass
		Outer Full	20.16	/	/	20.51	/	/	<=30	Pass
		Inner Full	20.90	/	/	21.25	/	/	<=30	Pass
	3500.01	Inner 1RB Left	21.29	/	/	21.64	/	/	<=30	Pass
		Inner 1RB Right	21.11	/	/	21.46	/	/	<=30	Pass
		Edge 1RB Left	21.05	/	/	21.40	/	/	<=30	Pass
		Edge 1RB Right	20.66	/	/	21.01	/	/	<=30	Pass
		Outer Full	20.22	/	/	20.57	/	/	<=30	Pass
		Inner Full	20.83	/	/	21.18	/	/	<=30	Pass
	3537.48	Inner 1RB Left	21.40	/	/	21.75	/	/	<=30	Pass
		Inner 1RB Right	20.94	/	/	21.29	/	/	<=30	Pass
		Edge 1RB Left	20.52	/	/	20.87	/	/	<=30	Pass
Edge 1RB Right		20.83	/	/	21.18	/	/	<=30	Pass	
Outer Full		19.99	/	/	20.34	/	/	<=30	Pass	
Inner Full		20.62	/	/	20.97	/	/	<=30	Pass	
CP-OFDM 64 QAM	3462.51	Inner 1RB Left	20.88	/	/	21.23	/	/	<=30	Pass
		Inner 1RB Right	20.90	/	/	21.25	/	/	<=30	Pass
		Edge 1RB Left	20.52	/	/	20.87	/	/	<=30	Pass
		Edge 1RB Right	20.74	/	/	21.09	/	/	<=30	Pass
		Outer Full	19.67	/	/	20.02	/	/	<=30	Pass

CP-OFDM 256 QAM	3500.01	Inner Full	20.41	/	/	20.76	/	/	<=30	Pass	
		Inner 1RB Left	20.90	/	/	21.25	/	/	<=30	Pass	
		Inner 1RB Right	20.71	/	/	21.06	/	/	<=30	Pass	
	3500.01	Edge 1RB Left	20.65	/	/	21.00	/	/	<=30	Pass	
		Edge 1RB Right	20.46	/	/	20.81	/	/	<=30	Pass	
		Outer Full	19.77	/	/	20.12	/	/	<=30	Pass	
		Inner Full	20.36	/	/	20.71	/	/	<=30	Pass	
		Inner 1RB Left	21.02	/	/	21.37	/	/	<=30	Pass	
	3537.48	Inner 1RB Right	20.55	/	/	20.90	/	/	<=30	Pass	
		Edge 1RB Left	20.19	/	/	20.54	/	/	<=30	Pass	
		Edge 1RB Right	20.42	/	/	20.77	/	/	<=30	Pass	
		Outer Full	19.45	/	/	19.80	/	/	<=30	Pass	
		Inner Full	20.16	/	/	20.51	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3462.51	Inner 1RB Left	20.81	/	/	21.16	/	/	<=30	Pass
			Inner 1RB Right	20.56	/	/	20.91	/	/	<=30	Pass
Edge 1RB Left			17.43	/	/	17.78	/	/	<=30	Pass	
Edge 1RB Right			17.54	/	/	17.89	/	/	<=30	Pass	
Outer Full			17.23	/	/	17.58	/	/	<=30	Pass	
3500.01		Inner Full	17.50	/	/	17.85	/	/	<=30	Pass	
		Inner 1RB Left	17.85	/	/	18.20	/	/	<=30	Pass	
		Inner 1RB Right	17.63	/	/	17.98	/	/	<=30	Pass	
		Edge 1RB Left	17.31	/	/	17.66	/	/	<=30	Pass	
		Edge 1RB Right	17.12	/	/	17.47	/	/	<=30	Pass	
3537.48		Outer Full	17.01	/	/	17.36	/	/	<=30	Pass	
		Inner Full	17.12	/	/	17.47	/	/	<=30	Pass	
		Inner 1RB Left	17.70	/	/	18.05	/	/	<=30	Pass	
		Inner 1RB Right	17.24	/	/	17.59	/	/	<=30	Pass	
		Edge 1RB Left	17.04	/	/	17.39	/	/	<=30	Pass	
3537.48	Edge 1RB Right	17.03	/	/	17.38	/	/	<=30	Pass		
	Outer Full	16.78	/	/	17.13	/	/	<=30	Pass		
	Inner Full	16.85	/	/	17.20	/	/	<=30	Pass		
	Inner 1RB Left	17.28	/	/	17.63	/	/	<=30	Pass		
	Inner 1RB Right	17.10	/	/	17.45	/	/	<=30	Pass		

Note1: Antenna Gain: Ant1: 0.35dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.12 30k_SISO_30MHz_NTNV_EIRP

5G NR n78e 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 QPSK	3465	Edge 1RB Left	22.04	/	/	22.39	/	/	<=30	Pass
		Edge 1RB Right	21.70	/	/	22.05	/	/	<=30	Pass
		Outer Full	22.83	/	/	23.18	/	/	<=30	Pass
		Inner Full	24.25	/	/	24.60	/	/	<=30	Pass
		Inner 1RB Left	25.19	/	/	25.54	/	/	<=30	Pass
	3500.01	Inner 1RB Right	24.93	/	/	25.28	/	/	<=30	Pass
		Edge 1RB Left	22.22	/	/	22.57	/	/	<=30	Pass
		Edge 1RB Right	21.53	/	/	21.88	/	/	<=30	Pass
		Outer Full	23.00	/	/	23.35	/	/	<=30	Pass
		Inner Full	24.07	/	/	24.42	/	/	<=30	Pass
	3534.99	Inner 1RB Left	25.18	/	/	25.53	/	/	<=30	Pass
		Inner 1RB Right	24.75	/	/	25.10	/	/	<=30	Pass
		Edge 1RB Left	21.92	/	/	22.27	/	/	<=30	Pass
		Edge 1RB Right	21.64	/	/	21.99	/	/	<=30	Pass
		Outer Full	22.65	/	/	23.00	/	/	<=30	Pass
3534.99	Inner Full	23.93	/	/	24.28	/	/	<=30	Pass	
	Inner 1RB Left	24.90	/	/	25.25	/	/	<=30	Pass	

DFT-s-OFDM 16 QAM	3465	Inner 1RB Right	24.80	/	/	25.15	/	/	<=30	Pass
		Edge 1RB Left	22.14	/	/	22.49	/	/	<=30	Pass
		Edge 1RB Right	21.74	/	/	22.09	/	/	<=30	Pass
		Outer Full	21.07	/	/	21.42	/	/	<=30	Pass
		Inner Full	22.68	/	/	23.03	/	/	<=30	Pass
		Inner 1RB Left	23.82	/	/	24.17	/	/	<=30	Pass
	3500.01	Inner 1RB Right	23.45	/	/	23.80	/	/	<=30	Pass
		Edge 1RB Left	22.26	/	/	22.61	/	/	<=30	Pass
		Edge 1RB Right	21.56	/	/	21.91	/	/	<=30	Pass
		Outer Full	20.95	/	/	21.30	/	/	<=30	Pass
		Inner Full	22.56	/	/	22.91	/	/	<=30	Pass
		Inner 1RB Left	23.72	/	/	24.07	/	/	<=30	Pass
	3534.99	Inner 1RB Right	23.38	/	/	23.73	/	/	<=30	Pass
		Edge 1RB Left	21.77	/	/	22.12	/	/	<=30	Pass
		Edge 1RB Right	21.60	/	/	21.95	/	/	<=30	Pass
Outer Full		20.85	/	/	21.20	/	/	<=30	Pass	
Inner Full		22.22	/	/	22.57	/	/	<=30	Pass	
Inner 1RB Left		23.25	/	/	23.60	/	/	<=30	Pass	
DFT-s-OFDM 64 QAM	3465	Inner 1RB Right	23.13	/	/	23.48	/	/	<=30	Pass
		Edge 1RB Left	22.27	/	/	22.62	/	/	<=30	Pass
		Edge 1RB Right	21.81	/	/	22.16	/	/	<=30	Pass
		Outer Full	20.56	/	/	20.91	/	/	<=30	Pass
		Inner Full	20.78	/	/	21.13	/	/	<=30	Pass
		Inner 1RB Left	22.11	/	/	22.46	/	/	<=30	Pass
	3500.01	Inner 1RB Right	21.84	/	/	22.19	/	/	<=30	Pass
		Edge 1RB Left	22.39	/	/	22.74	/	/	<=30	Pass
		Edge 1RB Right	21.62	/	/	21.97	/	/	<=30	Pass
		Outer Full	20.52	/	/	20.87	/	/	<=30	Pass
		Inner Full	20.67	/	/	21.02	/	/	<=30	Pass
		Inner 1RB Left	22.23	/	/	22.58	/	/	<=30	Pass
	3534.99	Inner 1RB Right	21.66	/	/	22.01	/	/	<=30	Pass
		Edge 1RB Left	21.96	/	/	22.31	/	/	<=30	Pass
		Edge 1RB Right	21.65	/	/	22.00	/	/	<=30	Pass
Outer Full		20.34	/	/	20.69	/	/	<=30	Pass	
Inner Full		20.47	/	/	20.82	/	/	<=30	Pass	
Inner 1RB Left		21.80	/	/	22.15	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3465	Inner 1RB Right	21.68	/	/	22.03	/	/	<=30	Pass
		Edge 1RB Left	20.66	/	/	21.01	/	/	<=30	Pass
		Edge 1RB Right	20.28	/	/	20.63	/	/	<=30	Pass
		Outer Full	19.02	/	/	19.37	/	/	<=30	Pass
		Inner Full	19.26	/	/	19.61	/	/	<=30	Pass
		Inner 1RB Left	20.40	/	/	20.75	/	/	<=30	Pass
	3500.01	Inner 1RB Right	20.13	/	/	20.48	/	/	<=30	Pass
		Edge 1RB Left	20.53	/	/	20.88	/	/	<=30	Pass
		Edge 1RB Right	19.78	/	/	20.13	/	/	<=30	Pass
		Outer Full	18.68	/	/	19.03	/	/	<=30	Pass
		Inner Full	18.88	/	/	19.23	/	/	<=30	Pass
		Inner 1RB Left	20.37	/	/	20.72	/	/	<=30	Pass
	3534.99	Inner 1RB Right	19.88	/	/	20.23	/	/	<=30	Pass
		Edge 1RB Left	20.17	/	/	20.52	/	/	<=30	Pass
		Edge 1RB Right	19.83	/	/	20.18	/	/	<=30	Pass
Outer Full		18.60	/	/	18.95	/	/	<=30	Pass	
Inner Full		18.76	/	/	19.11	/	/	<=30	Pass	
Inner 1RB Left		19.99	/	/	20.34	/	/	<=30	Pass	
CP-OFDM QPSK	3465	Inner 1RB Right	19.97	/	/	20.32	/	/	<=30	Pass
		Edge 1RB Left	21.94	/	/	22.29	/	/	<=30	Pass
		Edge 1RB Right	21.62	/	/	21.97	/	/	<=30	Pass
		Outer Full	20.18	/	/	20.53	/	/	<=30	Pass
		Inner Full	22.09	/	/	22.44	/	/	<=30	Pass

CP-OFDM 16 QAM	3500.01	Inner 1RB Left	23.02	/	/	23.37	/	/	<=30	Pass	
		Inner 1RB Right	22.93	/	/	23.28	/	/	<=30	Pass	
		Edge 1RB Left	22.13	/	/	22.48	/	/	<=30	Pass	
		Edge 1RB Right	21.48	/	/	21.83	/	/	<=30	Pass	
		Outer Full	20.12	/	/	20.47	/	/	<=30	Pass	
		Inner Full	21.96	/	/	22.31	/	/	<=30	Pass	
	3534.99	Inner 1RB Left	23.17	/	/	23.52	/	/	<=30	Pass	
		Inner 1RB Right	22.80	/	/	23.15	/	/	<=30	Pass	
		Edge 1RB Left	21.80	/	/	22.15	/	/	<=30	Pass	
		Edge 1RB Right	21.57	/	/	21.92	/	/	<=30	Pass	
		Outer Full	19.84	/	/	20.19	/	/	<=30	Pass	
		Inner Full	21.71	/	/	22.06	/	/	<=30	Pass	
	CP-OFDM 64 QAM	3465	Inner 1RB Left	22.76	/	/	23.11	/	/	<=30	Pass
			Inner 1RB Right	22.72	/	/	23.07	/	/	<=30	Pass
Edge 1RB Left			21.87	/	/	22.22	/	/	<=30	Pass	
Edge 1RB Right			21.70	/	/	22.05	/	/	<=30	Pass	
Outer Full			20.17	/	/	20.52	/	/	<=30	Pass	
Inner Full			20.74	/	/	21.09	/	/	<=30	Pass	
3500.01		Inner 1RB Left	21.71	/	/	22.06	/	/	<=30	Pass	
		Inner 1RB Right	21.76	/	/	22.11	/	/	<=30	Pass	
		Edge 1RB Left	22.17	/	/	22.52	/	/	<=30	Pass	
		Edge 1RB Right	21.53	/	/	21.88	/	/	<=30	Pass	
		Outer Full	20.08	/	/	20.43	/	/	<=30	Pass	
		Inner Full	20.64	/	/	20.99	/	/	<=30	Pass	
3534.99		Inner 1RB Left	22.03	/	/	22.38	/	/	<=30	Pass	
		Inner 1RB Right	21.59	/	/	21.94	/	/	<=30	Pass	
	Edge 1RB Left	21.84	/	/	22.19	/	/	<=30	Pass		
	Edge 1RB Right	21.54	/	/	21.89	/	/	<=30	Pass		
	Outer Full	19.89	/	/	20.24	/	/	<=30	Pass		
	Inner Full	20.44	/	/	20.79	/	/	<=30	Pass		
CP-OFDM 256 QAM	3465	Inner 1RB Left	21.69	/	/	22.04	/	/	<=30	Pass	
		Inner 1RB Right	21.60	/	/	21.95	/	/	<=30	Pass	
		Edge 1RB Left	21.55	/	/	21.90	/	/	<=30	Pass	
		Edge 1RB Right	21.41	/	/	21.76	/	/	<=30	Pass	
		Outer Full	19.63	/	/	19.98	/	/	<=30	Pass	
		Inner Full	20.28	/	/	20.63	/	/	<=30	Pass	
	3500.01	Inner 1RB Left	21.62	/	/	21.97	/	/	<=30	Pass	
		Inner 1RB Right	21.49	/	/	21.84	/	/	<=30	Pass	
		Edge 1RB Left	21.93	/	/	22.28	/	/	<=30	Pass	
		Edge 1RB Right	21.27	/	/	21.62	/	/	<=30	Pass	
		Outer Full	19.60	/	/	19.95	/	/	<=30	Pass	
		Inner Full	20.20	/	/	20.55	/	/	<=30	Pass	
	3534.99	Inner 1RB Left	21.77	/	/	22.12	/	/	<=30	Pass	
		Inner 1RB Right	21.33	/	/	21.68	/	/	<=30	Pass	
Edge 1RB Left		21.47	/	/	21.82	/	/	<=30	Pass		
Edge 1RB Right		21.17	/	/	21.52	/	/	<=30	Pass		
Outer Full		19.32	/	/	19.67	/	/	<=30	Pass		
Inner Full		20.01	/	/	20.36	/	/	<=30	Pass		
3465	Inner 1RB Left	21.31	/	/	21.66	/	/	<=30	Pass		
	Inner 1RB Right	21.23	/	/	21.58	/	/	<=30	Pass		
	Edge 1RB Left	18.65	/	/	19.00	/	/	<=30	Pass		
	Edge 1RB Right	18.26	/	/	18.61	/	/	<=30	Pass		
	Outer Full	17.24	/	/	17.59	/	/	<=30	Pass		
	Inner Full	17.28	/	/	17.63	/	/	<=30	Pass		
3500.01	Inner 1RB Left	18.49	/	/	18.84	/	/	<=30	Pass		
	Inner 1RB Right	18.32	/	/	18.67	/	/	<=30	Pass		
	Edge 1RB Left	18.70	/	/	19.05	/	/	<=30	Pass		
	Edge 1RB Right	18.03	/	/	18.38	/	/	<=30	Pass		
		Outer Full	16.88	/	/	17.23	/	/	<=30	Pass	

	3534.99	Inner Full	17.07	/	/	17.42	/	/	<=30	Pass
		Inner_1RB_Left	18.53	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Right	18.10	/	/	18.45	/	/	<=30	Pass
		Edge_1RB_Left	18.31	/	/	18.66	/	/	<=30	Pass
		Edge_1RB_Right	17.98	/	/	18.33	/	/	<=30	Pass
		Outer_Full	16.67	/	/	17.02	/	/	<=30	Pass
		Inner_Full	16.82	/	/	17.17	/	/	<=30	Pass
		Inner_1RB_Left	18.14	/	/	18.49	/	/	<=30	Pass
		Inner_1RB_Right	18.04	/	/	18.39	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 0.35dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.13 30k_SISO_40MHz_NTNV_EIRP

5G NR n78e 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 QPSK	3470.01	Edge_1RB_Left	22.62	/	/	22.97	/	/	<=30	Pass
		Edge_1RB_Right	21.78	/	/	22.13	/	/	<=30	Pass
		Outer_Full	22.95	/	/	23.30	/	/	<=30	Pass
		Inner_Full	24.07	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Left	25.61	/	/	25.96	/	/	<=30	Pass
	Inner_1RB_Right	24.98	/	/	25.33	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	22.88	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	21.88	/	/	22.23	/	/	<=30	Pass
		Outer_Full	23.21	/	/	23.56	/	/	<=30	Pass
		Inner_Full	24.09	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Left	25.74	/	/	26.09	/	/	<=30	Pass
	Inner_1RB_Right	25.12	/	/	25.47	/	/	<=30	Pass	
	3529.98	Edge_1RB_Left	22.62	/	/	22.97	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	22.37	/	/	<=30	Pass
		Outer_Full	22.90	/	/	23.25	/	/	<=30	Pass
Inner_Full		23.98	/	/	24.33	/	/	<=30	Pass	
Inner_1RB_Left		25.48	/	/	25.83	/	/	<=30	Pass	
Inner_1RB_Right	25.22	/	/	25.57	/	/	<=30	Pass		
DFT-s-OFDM 16 QAM	3470.01	Edge_1RB_Left	22.61	/	/	22.96	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	22.05	/	/	<=30	Pass
		Outer_Full	21.11	/	/	21.46	/	/	<=30	Pass
		Inner_Full	22.38	/	/	22.73	/	/	<=30	Pass
		Inner_1RB_Left	24.12	/	/	24.47	/	/	<=30	Pass
	Inner_1RB_Right	23.63	/	/	23.98	/	/	<=30	Pass	
	3500.01	Edge_1RB_Left	22.93	/	/	23.28	/	/	<=30	Pass
		Edge_1RB_Right	21.90	/	/	22.25	/	/	<=30	Pass
		Outer_Full	21.20	/	/	21.55	/	/	<=30	Pass
		Inner_Full	22.58	/	/	22.93	/	/	<=30	Pass
		Inner_1RB_Left	24.52	/	/	24.87	/	/	<=30	Pass
	Inner_1RB_Right	23.77	/	/	24.12	/	/	<=30	Pass	
	3529.98	Edge_1RB_Left	22.66	/	/	23.01	/	/	<=30	Pass
		Edge_1RB_Right	21.98	/	/	22.33	/	/	<=30	Pass
		Outer_Full	21.13	/	/	21.48	/	/	<=30	Pass
Inner_Full		22.25	/	/	22.60	/	/	<=30	Pass	
Inner_1RB_Left		24.08	/	/	24.43	/	/	<=30	Pass	
Inner_1RB_Right	23.71	/	/	24.06	/	/	<=30	Pass		
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	22.47	/	/	22.82	/	/	<=30	Pass
		Edge_1RB_Right	21.98	/	/	22.33	/	/	<=30	Pass
		Outer_Full	20.62	/	/	20.97	/	/	<=30	Pass
		Inner_Full	20.62	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	22.96	/	/	<=30	Pass

	3500.01	Inner 1RB Right	21.84	/	/	22.19	/	/	<=30	Pass	
		Edge 1RB Left	23.03	/	/	23.38	/	/	<=30	Pass	
		Edge 1RB Right	21.77	/	/	22.12	/	/	<=30	Pass	
		Outer Full	20.72	/	/	21.07	/	/	<=30	Pass	
		Inner Full	20.69	/	/	21.04	/	/	<=30	Pass	
		Inner 1RB Left	22.91	/	/	23.26	/	/	<=30	Pass	
	3529.98	Inner 1RB Right	22.06	/	/	22.41	/	/	<=30	Pass	
		Edge 1RB Left	22.75	/	/	23.10	/	/	<=30	Pass	
		Edge 1RB Right	22.12	/	/	22.47	/	/	<=30	Pass	
		Outer Full	20.57	/	/	20.92	/	/	<=30	Pass	
		Inner Full	20.52	/	/	20.87	/	/	<=30	Pass	
	DFT-s-OFDM 256 QAM	3470.01	Inner 1RB Left	22.55	/	/	22.90	/	/	<=30	Pass
			Inner 1RB Right	22.22	/	/	22.57	/	/	<=30	Pass
			Edge 1RB Left	21.16	/	/	21.51	/	/	<=30	Pass
Edge 1RB Right			20.39	/	/	20.74	/	/	<=30	Pass	
Outer Full			19.13	/	/	19.48	/	/	<=30	Pass	
Inner Full			19.13	/	/	19.48	/	/	<=30	Pass	
3500.01		Inner 1RB Left	21.03	/	/	21.38	/	/	<=30	Pass	
		Inner 1RB Right	20.52	/	/	20.87	/	/	<=30	Pass	
		Edge 1RB Left	21.24	/	/	21.59	/	/	<=30	Pass	
		Edge 1RB Right	20.20	/	/	20.55	/	/	<=30	Pass	
		Outer Full	18.95	/	/	19.30	/	/	<=30	Pass	
3529.98		Inner Full	18.92	/	/	19.27	/	/	<=30	Pass	
		Inner 1RB Left	21.10	/	/	21.45	/	/	<=30	Pass	
		Inner 1RB Right	20.32	/	/	20.67	/	/	<=30	Pass	
	Edge 1RB Left	21.02	/	/	21.37	/	/	<=30	Pass		
	Edge 1RB Right	20.35	/	/	20.70	/	/	<=30	Pass		
CP-OFDM QPSK	3470.01	Outer Full	18.89	/	/	19.24	/	/	<=30	Pass	
		Inner Full	18.84	/	/	19.19	/	/	<=30	Pass	
		Inner 1RB Left	20.90	/	/	21.25	/	/	<=30	Pass	
		Inner 1RB Right	20.40	/	/	20.75	/	/	<=30	Pass	
		Edge 1RB Left	22.47	/	/	22.82	/	/	<=30	Pass	
		Edge 1RB Right	21.69	/	/	22.04	/	/	<=30	Pass	
	3500.01	Outer Full	20.20	/	/	20.55	/	/	<=30	Pass	
		Inner Full	21.84	/	/	22.19	/	/	<=30	Pass	
		Inner 1RB Left	23.36	/	/	23.71	/	/	<=30	Pass	
		Inner 1RB Right	22.90	/	/	23.25	/	/	<=30	Pass	
		Edge 1RB Left	22.67	/	/	23.02	/	/	<=30	Pass	
	3529.98	Edge 1RB Right	21.69	/	/	22.04	/	/	<=30	Pass	
		Outer Full	20.44	/	/	20.79	/	/	<=30	Pass	
		Inner Full	22.00	/	/	22.35	/	/	<=30	Pass	
Inner 1RB Left		23.77	/	/	24.12	/	/	<=30	Pass		
Inner 1RB Right		23.02	/	/	23.37	/	/	<=30	Pass		
CP-OFDM 16 QAM	3470.01	Edge 1RB Left	22.37	/	/	22.72	/	/	<=30	Pass	
		Edge 1RB Right	21.91	/	/	22.26	/	/	<=30	Pass	
		Outer Full	20.20	/	/	20.55	/	/	<=30	Pass	
		Inner Full	21.77	/	/	22.12	/	/	<=30	Pass	
		Inner 1RB Left	23.32	/	/	23.67	/	/	<=30	Pass	
		Inner 1RB Right	23.08	/	/	23.43	/	/	<=30	Pass	
	3500.01	Edge 1RB Left	22.50	/	/	22.85	/	/	<=30	Pass	
		Edge 1RB Right	21.59	/	/	21.94	/	/	<=30	Pass	
		Outer Full	20.17	/	/	20.52	/	/	<=30	Pass	
		Inner Full	20.63	/	/	20.98	/	/	<=30	Pass	
		Inner 1RB Left	22.40	/	/	22.75	/	/	<=30	Pass	
		Inner 1RB Right	21.90	/	/	22.25	/	/	<=30	Pass	
		Edge 1RB Left	22.62	/	/	22.97	/	/	<=30	Pass	
		Edge 1RB Right	21.84	/	/	22.19	/	/	<=30	Pass	
Outer Full		20.37	/	/	20.72	/	/	<=30	Pass		
Inner Full		20.71	/	/	21.06	/	/	<=30	Pass		

	3529.98	Inner 1RB Left	22.53	/	/	22.88	/	/	<=30	Pass
		Inner 1RB Right	21.77	/	/	22.12	/	/	<=30	Pass
		Edge 1RB Left	22.33	/	/	22.68	/	/	<=30	Pass
		Edge 1RB Right	21.71	/	/	22.06	/	/	<=30	Pass
		Outer Full	20.20	/	/	20.55	/	/	<=30	Pass
		Inner Full	20.53	/	/	20.88	/	/	<=30	Pass
		Inner 1RB Left	22.24	/	/	22.59	/	/	<=30	Pass
		Inner 1RB Right	22.00	/	/	22.35	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge 1RB Left	22.28	/	/	22.63	/	/	<=30	Pass
		Edge 1RB Right	21.52	/	/	21.87	/	/	<=30	Pass
		Outer Full	19.69	/	/	20.04	/	/	<=30	Pass
		Inner Full	20.15	/	/	20.50	/	/	<=30	Pass
		Inner 1RB Left	22.15	/	/	22.50	/	/	<=30	Pass
		Inner 1RB Right	21.64	/	/	21.99	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.57	/	/	22.92	/	/	<=30	Pass
		Edge 1RB Right	21.57	/	/	21.92	/	/	<=30	Pass
		Outer Full	19.91	/	/	20.26	/	/	<=30	Pass
		Inner Full	20.19	/	/	20.54	/	/	<=30	Pass
		Inner 1RB Left	22.47	/	/	22.82	/	/	<=30	Pass
		Inner 1RB Right	21.69	/	/	22.04	/	/	<=30	Pass
	3529.98	Edge 1RB Left	22.27	/	/	22.62	/	/	<=30	Pass
		Edge 1RB Right	21.64	/	/	21.99	/	/	<=30	Pass
		Outer Full	19.66	/	/	20.01	/	/	<=30	Pass
		Inner Full	20.02	/	/	20.37	/	/	<=30	Pass
Inner 1RB Left		22.18	/	/	22.53	/	/	<=30	Pass	
Inner 1RB Right		21.76	/	/	22.11	/	/	<=30	Pass	
CP-OFDM 256 QAM	3470.01	Edge 1RB Left	19.31	/	/	19.66	/	/	<=30	Pass
		Edge 1RB Right	18.51	/	/	18.86	/	/	<=30	Pass
		Outer Full	17.30	/	/	17.65	/	/	<=30	Pass
		Inner Full	17.27	/	/	17.62	/	/	<=30	Pass
		Inner 1RB Left	19.05	/	/	19.40	/	/	<=30	Pass
		Inner 1RB Right	18.65	/	/	19.00	/	/	<=30	Pass
	3500.01	Edge 1RB Left	19.45	/	/	19.80	/	/	<=30	Pass
		Edge 1RB Right	18.38	/	/	18.73	/	/	<=30	Pass
		Outer Full	17.21	/	/	17.56	/	/	<=30	Pass
		Inner Full	17.16	/	/	17.51	/	/	<=30	Pass
		Inner 1RB Left	19.31	/	/	19.66	/	/	<=30	Pass
		Inner 1RB Right	18.49	/	/	18.84	/	/	<=30	Pass
	3529.98	Edge 1RB Left	19.09	/	/	19.44	/	/	<=30	Pass
		Edge 1RB Right	18.39	/	/	18.74	/	/	<=30	Pass
		Outer Full	17.02	/	/	17.37	/	/	<=30	Pass
		Inner Full	16.93	/	/	17.28	/	/	<=30	Pass
Inner 1RB Left		18.97	/	/	19.32	/	/	<=30	Pass	
Inner 1RB Right		18.50	/	/	18.85	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: 0.35dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.14 30k_SISO_50MHz_NTNV_EIRP

5G NR n78e 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 QPSK	3475.02	Edge 1RB Left	21.78	/	/	22.13	/	/	<=30	Pass
		Edge 1RB Right	21.03	/	/	21.38	/	/	<=30	Pass
		Outer Full	23.00	/	/	23.35	/	/	<=30	Pass
		Inner Full	24.34	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Left	25.08	/	/	25.43	/	/	<=30	Pass
		Inner 1RB Right	24.42	/	/	24.77	/	/	<=30	Pass