

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_10MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3705	Edge_1RB_Left	22.40	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	22.38	/	/	<=30	Pass
		Outer_Full	25.39	/	/	25.39	/	/	<=30	Pass
		Inner_Full	25.83	/	/	25.83	/	/	<=30	Pass
		Inner_1RB_Left	25.86	/	/	25.86	/	/	<=30	Pass
	Inner_1RB_Right	25.90	/	/	25.90	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.48	/	/	22.48	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	22.47	/	/	<=30	Pass
		Outer_Full	25.43	/	/	25.43	/	/	<=30	Pass
		Inner_Full	25.82	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	26.00	/	/	<=30	Pass
	Inner_1RB_Right	26.06	/	/	26.06	/	/	<=30	Pass	
	3795	Edge_1RB_Left	22.55	/	/	22.55	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	22.65	/	/	<=30	Pass
		Outer_Full	25.44	/	/	25.44	/	/	<=30	Pass
Inner_Full		25.84	/	/	25.84	/	/	<=30	Pass	
Inner_1RB_Left		26.03	/	/	26.03	/	/	<=30	Pass	
Inner_1RB_Right	26.04	/	/	26.04	/	/	<=30	Pass		
DFT-s-OFDM QPSK	3705	Edge_1RB_Left	22.40	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	22.37	/	/	<=30	Pass
		Outer_Full	24.92	/	/	24.92	/	/	<=30	Pass
		Inner_Full	25.85	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Left	25.91	/	/	25.91	/	/	<=30	Pass
	Inner_1RB_Right	26.22	/	/	26.22	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.45	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	22.48	/	/	<=30	Pass
		Outer_Full	24.97	/	/	24.97	/	/	<=30	Pass
		Inner_Full	26.01	/	/	26.01	/	/	<=30	Pass
		Inner_1RB_Left	26.04	/	/	26.04	/	/	<=30	Pass
	Inner_1RB_Right	26.01	/	/	26.01	/	/	<=30	Pass	
	3795	Edge_1RB_Left	22.54	/	/	22.54	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	22.60	/	/	<=30	Pass
		Outer_Full	25.06	/	/	25.06	/	/	<=30	Pass
Inner_Full		26.19	/	/	26.19	/	/	<=30	Pass	
Inner_1RB_Left		26.18	/	/	26.18	/	/	<=30	Pass	
Inner_1RB_Right	26.23	/	/	26.23	/	/	<=30	Pass		
DFT-s-OFDM 16 QAM	3705	Edge_1RB_Left	22.43	/	/	22.43	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	22.34	/	/	<=30	Pass
		Outer_Full	23.95	/	/	23.95	/	/	<=30	Pass
		Inner_Full	24.75	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Left	24.91	/	/	24.91	/	/	<=30	Pass
	Inner_1RB_Right	24.98	/	/	24.98	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.53	/	/	22.53	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	22.56	/	/	<=30	Pass
		Outer_Full	23.92	/	/	23.92	/	/	<=30	Pass
		Inner_Full	24.98	/	/	24.98	/	/	<=30	Pass
Inner_1RB_Left		25.14	/	/	25.14	/	/	<=30	Pass	

	3795	Inner_1RB_Right	25.05	/	/	25.05	/	/	<=30	Pass
		Edge_1RB_Left	22.60	/	/	22.60	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	22.72	/	/	<=30	Pass
		Outer_Full	24.09	/	/	24.09	/	/	<=30	Pass
		Inner_Full	24.92	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Left	25.20	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Right	25.19	/	/	25.19	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3705	Edge_1RB_Left	22.31	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	22.33	/	/	<=30	Pass
		Outer_Full	23.44	/	/	23.44	/	/	<=30	Pass
		Inner_Full	23.38	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	23.27	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Right	23.32	/	/	23.32	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.40	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	22.39	/	/	<=30	Pass
		Outer_Full	23.49	/	/	23.49	/	/	<=30	Pass
		Inner_Full	23.46	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	23.43	/	/	23.43	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.46	/	/	22.46	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	22.53	/	/	<=30	Pass
		Outer_Full	23.63	/	/	23.63	/	/	<=30	Pass
Inner_Full		23.58	/	/	23.58	/	/	<=30	Pass	
Inner_1RB_Left		23.47	/	/	23.47	/	/	<=30	Pass	
Inner_1RB_Right		23.56	/	/	23.56	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3705	Edge_1RB_Left	21.23	/	/	21.23	/	/	<=30	Pass
		Edge_1RB_Right	21.16	/	/	21.16	/	/	<=30	Pass
		Outer_Full	21.37	/	/	21.37	/	/	<=30	Pass
		Inner_Full	21.61	/	/	21.61	/	/	<=30	Pass
		Inner_1RB_Left	21.23	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Right	21.22	/	/	21.22	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.24	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	21.25	/	/	21.25	/	/	<=30	Pass
		Outer_Full	21.35	/	/	21.35	/	/	<=30	Pass
		Inner_Full	21.47	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Left	21.23	/	/	21.23	/	/	<=30	Pass
		Inner_1RB_Right	21.29	/	/	21.29	/	/	<=30	Pass
	3795	Edge_1RB_Left	21.37	/	/	21.37	/	/	<=30	Pass
		Edge_1RB_Right	21.41	/	/	21.41	/	/	<=30	Pass
		Outer_Full	21.47	/	/	21.47	/	/	<=30	Pass
Inner_Full		21.77	/	/	21.77	/	/	<=30	Pass	
Inner_1RB_Left		21.39	/	/	21.39	/	/	<=30	Pass	
Inner_1RB_Right		21.42	/	/	21.42	/	/	<=30	Pass	
CP-OFDM QPSK	3705	Edge_1RB_Left	22.27	/	/	22.27	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	22.23	/	/	<=30	Pass
		Outer_Full	22.81	/	/	22.81	/	/	<=30	Pass
		Inner_Full	24.10	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Right	24.16	/	/	24.16	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.25	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	22.29	/	/	<=30	Pass
		Outer_Full	22.89	/	/	22.89	/	/	<=30	Pass
		Inner_Full	24.14	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Right	24.25	/	/	24.25	/	/	<=30	Pass
	3795	Edge_1RB_Left	22.40	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	22.45	/	/	<=30	Pass
		Outer_Full	22.94	/	/	22.94	/	/	<=30	Pass
Inner_Full		24.23	/	/	24.23	/	/	<=30	Pass	

CP-OFDM 16 QAM		Inner_1RB_Left	24.31	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	24.52	/	/	<=30	Pass
	3705	Edge_1RB_Left	22.42	/	/	22.42	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	22.38	/	/	<=30	Pass
		Outer_Full	22.85	/	/	22.85	/	/	<=30	Pass
		Inner_Full	23.87	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Right	23.80	/	/	23.80	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.40	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	22.56	/	/	<=30	Pass
		Outer_Full	22.83	/	/	22.83	/	/	<=30	Pass
		Inner_Full	23.86	/	/	23.86	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	23.80	/	/	<=30	Pass
	3795	Inner_1RB_Right	23.88	/	/	23.88	/	/	<=30	Pass
		Edge_1RB_Left	22.52	/	/	22.52	/	/	<=30	Pass
Edge_1RB_Right		22.58	/	/	22.58	/	/	<=30	Pass	
Outer_Full		22.89	/	/	22.89	/	/	<=30	Pass	
Inner_Full		24.07	/	/	24.07	/	/	<=30	Pass	
Inner_1RB_Left		24.03	/	/	24.03	/	/	<=30	Pass	
CP-OFDM 64 QAM	3705	Inner_1RB_Right	23.99	/	/	23.99	/	/	<=30	Pass
		Edge_1RB_Left	22.48	/	/	22.48	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	22.44	/	/	<=30	Pass
		Outer_Full	22.36	/	/	22.36	/	/	<=30	Pass
		Inner_Full	22.40	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	22.55	/	/	22.55	/	/	<=30	Pass
	3750	Inner_1RB_Right	22.45	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Left	22.48	/	/	22.48	/	/	<=30	Pass
		Edge_1RB_Right	22.63	/	/	22.63	/	/	<=30	Pass
		Outer_Full	22.48	/	/	22.48	/	/	<=30	Pass
		Inner_Full	22.45	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	22.51	/	/	22.51	/	/	<=30	Pass
	3795	Inner_1RB_Right	22.60	/	/	22.60	/	/	<=30	Pass
		Edge_1RB_Left	22.62	/	/	22.62	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	22.67	/	/	<=30	Pass
Outer_Full		22.50	/	/	22.50	/	/	<=30	Pass	
Inner_Full		22.59	/	/	22.59	/	/	<=30	Pass	
Inner_1RB_Left		22.68	/	/	22.68	/	/	<=30	Pass	
CP-OFDM 256 QAM	3705	Inner_1RB_Right	22.66	/	/	22.66	/	/	<=30	Pass
		Edge_1RB_Left	19.36	/	/	19.36	/	/	<=30	Pass
		Edge_1RB_Right	19.29	/	/	19.29	/	/	<=30	Pass
		Outer_Full	19.37	/	/	19.37	/	/	<=30	Pass
		Inner_Full	19.43	/	/	19.43	/	/	<=30	Pass
		Inner_1RB_Left	19.38	/	/	19.38	/	/	<=30	Pass
	3750	Inner_1RB_Right	19.37	/	/	19.37	/	/	<=30	Pass
		Edge_1RB_Left	19.37	/	/	19.37	/	/	<=30	Pass
		Edge_1RB_Right	19.44	/	/	19.44	/	/	<=30	Pass
		Outer_Full	19.41	/	/	19.41	/	/	<=30	Pass
		Inner_Full	19.67	/	/	19.67	/	/	<=30	Pass
		Inner_1RB_Left	19.38	/	/	19.38	/	/	<=30	Pass
	3795	Inner_1RB_Right	19.45	/	/	19.45	/	/	<=30	Pass
		Edge_1RB_Left	19.52	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	19.54	/	/	19.54	/	/	<=30	Pass
Outer_Full		19.47	/	/	19.47	/	/	<=30	Pass	
Inner_Full		19.50	/	/	19.50	/	/	<=30	Pass	
Inner_1RB_Left		19.51	/	/	19.51	/	/	<=30	Pass	
		Inner_1RB_Right	19.59	/	/	19.59	/	/	<=30	Pass
<p>Note1: Antenna Gain: Ant6: 0.00dBi; Note2: EIRP=Conducted Power+Antenna Gain</p>										

1.1.2 30k_SISO_15MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3707.52	Edge_1RB_Left	22.35	/	/	22.35	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	22.27	/	/	<=30	Pass
		Outer_Full	25.30	/	/	25.30	/	/	<=30	Pass
		Inner_Full	25.80	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	25.94	/	/	<=30	Pass
		Inner_1RB_Right	25.86	/	/	25.86	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.37	/	/	22.37	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	22.43	/	/	<=30	Pass
		Outer_Full	25.40	/	/	25.40	/	/	<=30	Pass
		Inner_Full	25.91	/	/	25.91	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	25.95	/	/	<=30	Pass
	3792.48	Inner_1RB_Right	26.01	/	/	26.01	/	/	<=30	Pass
		Edge_1RB_Left	22.51	/	/	22.51	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	22.53	/	/	<=30	Pass
		Outer_Full	25.50	/	/	25.50	/	/	<=30	Pass
Inner_Full		25.99	/	/	25.99	/	/	<=30	Pass	
DFT-s-OFDM QPSK	3707.52	Inner_1RB_Left	25.97	/	/	25.97	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	25.95	/	/	<=30	Pass
		Edge_1RB_Left	22.36	/	/	22.36	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	22.35	/	/	<=30	Pass
		Outer_Full	24.79	/	/	24.79	/	/	<=30	Pass
		Inner_Full	25.86	/	/	25.86	/	/	<=30	Pass
	3750	Inner_1RB_Left	25.81	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Right	25.83	/	/	25.83	/	/	<=30	Pass
		Edge_1RB_Left	22.44	/	/	22.44	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	22.44	/	/	<=30	Pass
		Outer_Full	24.90	/	/	24.90	/	/	<=30	Pass
	3792.48	Inner_Full	25.89	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Left	26.27	/	/	26.27	/	/	<=30	Pass
		Inner_1RB_Right	26.28	/	/	26.28	/	/	<=30	Pass
		Edge_1RB_Left	22.49	/	/	22.49	/	/	<=30	Pass
Edge_1RB_Right		22.56	/	/	22.56	/	/	<=30	Pass	
DFT-s-OFDM 16 QAM	3707.52	Outer_Full	25.00	/	/	25.00	/	/	<=30	Pass
		Inner_Full	25.89	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Left	25.90	/	/	25.90	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	26.07	/	/	<=30	Pass
		Edge_1RB_Left	22.39	/	/	22.39	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	22.34	/	/	<=30	Pass
	3750	Outer_Full	23.75	/	/	23.75	/	/	<=30	Pass
		Inner_Full	24.87	/	/	24.87	/	/	<=30	Pass
		Inner_1RB_Left	24.88	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Right	24.89	/	/	24.89	/	/	<=30	Pass
		Edge_1RB_Left	22.37	/	/	22.37	/	/	<=30	Pass
	3792.48	Edge_1RB_Right	22.46	/	/	22.46	/	/	<=30	Pass
		Outer_Full	23.82	/	/	23.82	/	/	<=30	Pass
		Inner_Full	25.00	/	/	25.00	/	/	<=30	Pass
		Inner_1RB_Left	25.04	/	/	25.04	/	/	<=30	Pass
Inner_1RB_Right		25.02	/	/	25.02	/	/	<=30	Pass	
DFT-s-OFDM 64 QAM	3707.52	Edge_1RB_Left	22.53	/	/	22.53	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	22.57	/	/	<=30	Pass
		Outer_Full	24.03	/	/	24.03	/	/	<=30	Pass
		Inner_Full	24.99	/	/	24.99	/	/	<=30	Pass
		Inner_1RB_Left	25.01	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Right	24.99	/	/	24.99	/	/	<=30	Pass

		Edge_1RB_Right	22.40	/	/	22.40	/	/	<=30	Pass
		Outer_Full	23.32	/	/	23.32	/	/	<=30	Pass
		Inner_Full	23.39	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	23.39	/	/	23.39	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.43	/	/	22.43	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	22.41	/	/	<=30	Pass
		Outer_Full	23.41	/	/	23.41	/	/	<=30	Pass
		Inner_Full	23.51	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	23.45	/	/	23.45	/	/	<=30	Pass
	3792.48	Inner_1RB_Right	23.39	/	/	23.39	/	/	<=30	Pass
		Edge_1RB_Left	22.46	/	/	22.46	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	22.54	/	/	<=30	Pass
		Outer_Full	23.51	/	/	23.51	/	/	<=30	Pass
		Inner_Full	23.65	/	/	23.65	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3707.52	Inner_1RB_Left	23.45	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Right	23.47	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Left	21.24	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	21.20	/	/	21.20	/	/	<=30	Pass
		Outer_Full	21.29	/	/	21.29	/	/	<=30	Pass
	3750	Inner_Full	21.31	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	21.19	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Right	21.14	/	/	21.14	/	/	<=30	Pass
		Edge_1RB_Left	21.22	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	21.27	/	/	21.27	/	/	<=30	Pass
	3792.48	Outer_Full	21.37	/	/	21.37	/	/	<=30	Pass
		Inner_Full	21.43	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Left	21.17	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Right	21.25	/	/	21.25	/	/	<=30	Pass
		Edge_1RB_Left	21.38	/	/	21.38	/	/	<=30	Pass
CP-OFDM QPSK	3707.52	Edge_1RB_Right	21.37	/	/	21.37	/	/	<=30	Pass
		Outer_Full	21.50	/	/	21.50	/	/	<=30	Pass
		Inner_Full	21.55	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Left	21.34	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Right	21.35	/	/	21.35	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.28	/	/	22.28	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	22.19	/	/	<=30	Pass
		Outer_Full	22.71	/	/	22.71	/	/	<=30	Pass
		Inner_Full	24.29	/	/	24.29	/	/	<=30	Pass
		Inner_1RB_Left	24.15	/	/	24.15	/	/	<=30	Pass
	3792.48	Inner_1RB_Right	24.12	/	/	24.12	/	/	<=30	Pass
		Edge_1RB_Left	22.25	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	22.27	/	/	<=30	Pass
		Outer_Full	22.78	/	/	22.78	/	/	<=30	Pass
		Inner_Full	24.26	/	/	24.26	/	/	<=30	Pass
CP-OFDM 16 QAM	3707.52	Inner_1RB_Left	24.18	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Right	24.29	/	/	24.29	/	/	<=30	Pass
		Edge_1RB_Left	22.36	/	/	22.36	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	22.38	/	/	<=30	Pass
		Outer_Full	22.89	/	/	22.89	/	/	<=30	Pass
		Inner_Full	24.42	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Left	24.26	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Right	24.31	/	/	24.31	/	/	<=30	Pass
		Edge_1RB_Left	22.38	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	22.36	/	/	<=30	Pass
		Outer_Full	22.79	/	/	22.79	/	/	<=30	Pass
		Inner_Full	23.79	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Left	23.91	/	/	23.91	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	23.94	/	/	<=30	Pass

	3750	Edge_1RB_Left	22.55	/	/	22.55	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	22.56	/	/	<=30	Pass
		Outer_Full	22.88	/	/	22.88	/	/	<=30	Pass
		Inner_Full	23.77	/	/	23.77	/	/	<=30	Pass
		Inner_1RB_Left	23.82	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Right	23.92	/	/	23.92	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	22.56	/	/	22.56	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	22.41	/	/	<=30	Pass
		Outer_Full	22.98	/	/	22.98	/	/	<=30	Pass
		Inner_Full	23.90	/	/	23.90	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	23.93	/	/	<=30	Pass
		Inner_1RB_Right	23.89	/	/	23.89	/	/	<=30	Pass
CP-OFDM 64 QAM	3707.52	Edge_1RB_Left	22.43	/	/	22.43	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	22.30	/	/	<=30	Pass
		Outer_Full	22.27	/	/	22.27	/	/	<=30	Pass
		Inner_Full	22.34	/	/	22.34	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Right	22.33	/	/	22.33	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.40	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	22.49	/	/	<=30	Pass
		Outer_Full	22.36	/	/	22.36	/	/	<=30	Pass
		Inner_Full	22.40	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	22.32	/	/	22.32	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	22.43	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	22.57	/	/	22.57	/	/	<=30	Pass
		Edge_1RB_Right	22.56	/	/	22.56	/	/	<=30	Pass
		Outer_Full	22.49	/	/	22.49	/	/	<=30	Pass
		Inner_Full	22.43	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Left	22.58	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Right	22.57	/	/	22.57	/	/	<=30	Pass
CP-OFDM 256 QAM	3707.52	Edge_1RB_Left	19.35	/	/	19.35	/	/	<=30	Pass
		Edge_1RB_Right	19.28	/	/	19.28	/	/	<=30	Pass
		Outer_Full	19.36	/	/	19.36	/	/	<=30	Pass
		Inner_Full	19.43	/	/	19.43	/	/	<=30	Pass
		Inner_1RB_Left	19.39	/	/	19.39	/	/	<=30	Pass
		Inner_1RB_Right	19.36	/	/	19.36	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.39	/	/	19.39	/	/	<=30	Pass
		Edge_1RB_Right	19.46	/	/	19.46	/	/	<=30	Pass
		Outer_Full	19.47	/	/	19.47	/	/	<=30	Pass
		Inner_Full	19.50	/	/	19.50	/	/	<=30	Pass
		Inner_1RB_Left	19.38	/	/	19.38	/	/	<=30	Pass
		Inner_1RB_Right	19.48	/	/	19.48	/	/	<=30	Pass
	3792.48	Edge_1RB_Left	19.52	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	19.54	/	/	19.54	/	/	<=30	Pass
		Outer_Full	19.60	/	/	19.60	/	/	<=30	Pass
		Inner_Full	19.68	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Left	19.52	/	/	19.52	/	/	<=30	Pass
		Inner_1RB_Right	19.51	/	/	19.51	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: 0.00dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_20MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3710.01	Edge_1RB_Left	22.40	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	22.30	/	/	<=30	Pass

		Outer_Full	25.34	/	/	25.34	/	/	<=30	Pass
		Inner_Full	26.00	/	/	26.00	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	25.98	/	/	<=30	Pass
		Inner_1RB_Right	25.91	/	/	25.91	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.39	/	/	22.39	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	22.48	/	/	<=30	Pass
		Outer_Full	25.49	/	/	25.49	/	/	<=30	Pass
		Inner_Full	26.19	/	/	26.19	/	/	<=30	Pass
	3789.99	Inner_1RB_Left	25.91	/	/	25.91	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	26.10	/	/	<=30	Pass
		Edge_1RB_Left	22.49	/	/	22.49	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	22.54	/	/	<=30	Pass
DFT-s-OFDM QPSK	3710.01	Outer_Full	25.54	/	/	25.54	/	/	<=30	Pass
		Inner_Full	26.02	/	/	26.02	/	/	<=30	Pass
		Inner_1RB_Left	26.06	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Right	26.04	/	/	26.04	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.42	/	/	22.42	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	22.34	/	/	<=30	Pass
		Outer_Full	24.91	/	/	24.91	/	/	<=30	Pass
		Inner_Full	25.93	/	/	25.93	/	/	<=30	Pass
	3789.99	Inner_1RB_Left	26.10	/	/	26.10	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	26.02	/	/	<=30	Pass
		Edge_1RB_Left	22.41	/	/	22.41	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	22.48	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3710.01	Outer_Full	25.10	/	/	25.10	/	/	<=30	Pass
		Inner_Full	25.98	/	/	25.98	/	/	<=30	Pass
		Inner_1RB_Left	25.84	/	/	25.84	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	26.19	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.54	/	/	22.54	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	22.57	/	/	<=30	Pass
		Outer_Full	25.10	/	/	25.10	/	/	<=30	Pass
		Inner_Full	25.98	/	/	25.98	/	/	<=30	Pass
	3789.99	Inner_1RB_Left	26.02	/	/	26.02	/	/	<=30	Pass
		Inner_1RB_Right	26.22	/	/	26.22	/	/	<=30	Pass
		Edge_1RB_Left	22.42	/	/	22.42	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	22.38	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	23.80	/	/	23.80	/	/	<=30	Pass
		Inner_Full	24.92	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Left	24.95	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Right	24.99	/	/	24.99	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.49	/	/	22.49	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	22.48	/	/	<=30	Pass
		Outer_Full	23.86	/	/	23.86	/	/	<=30	Pass
		Inner_Full	24.96	/	/	24.96	/	/	<=30	Pass
	3789.99	Inner_1RB_Left	25.01	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Right	25.01	/	/	25.01	/	/	<=30	Pass
		Edge_1RB_Left	22.62	/	/	22.62	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	22.60	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3710.01	Outer_Full	24.05	/	/	24.05	/	/	<=30	Pass
		Inner_Full	25.10	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	25.14	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.44	/	/	22.44	/	/	<=30	Pass
		Edge_1RB_Right	22.41	/	/	22.41	/	/	<=30	Pass
		Outer_Full	23.30	/	/	23.30	/	/	<=30	Pass
		Inner_Full	23.34	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Left	23.47	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	23.37	/	/	23.37	/	/	<=30	Pass
		Edge_1RB_Left	22.39	/	/	22.39	/	/	<=30	Pass

		Edge_1RB_Right	22.61	/	/	22.61	/	/	<=30	Pass
		Outer_Full	23.37	/	/	23.37	/	/	<=30	Pass
		Inner_Full	23.42	/	/	23.42	/	/	<=30	Pass
		Inner_1RB_Left	23.37	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	23.45	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.58	/	/	22.58	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	22.58	/	/	<=30	Pass
		Outer_Full	23.51	/	/	23.51	/	/	<=30	Pass
		Inner_Full	23.51	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	23.54	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3710.01	Edge_1RB_Left	21.27	/	/	21.27	/	/	<=30	Pass
		Edge_1RB_Right	21.20	/	/	21.20	/	/	<=30	Pass
		Outer_Full	21.32	/	/	21.32	/	/	<=30	Pass
		Inner_Full	21.34	/	/	21.34	/	/	<=30	Pass
		Inner_1RB_Left	21.29	/	/	21.29	/	/	<=30	Pass
	3750	Inner_1RB_Right	21.20	/	/	21.20	/	/	<=30	Pass
		Edge_1RB_Left	21.24	/	/	21.24	/	/	<=30	Pass
		Edge_1RB_Right	21.33	/	/	21.33	/	/	<=30	Pass
		Outer_Full	21.41	/	/	21.41	/	/	<=30	Pass
		Inner_Full	21.39	/	/	21.39	/	/	<=30	Pass
3789.99	Inner_1RB_Left	21.26	/	/	21.26	/	/	<=30	Pass	
	Inner_1RB_Right	21.35	/	/	21.35	/	/	<=30	Pass	
	Edge_1RB_Left	21.41	/	/	21.41	/	/	<=30	Pass	
	Edge_1RB_Right	21.41	/	/	21.41	/	/	<=30	Pass	
	Outer_Full	21.52	/	/	21.52	/	/	<=30	Pass	
CP-OFDM QPSK	3710.01	Inner_Full	21.49	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	21.40	/	/	<=30	Pass
		Inner_1RB_Right	21.43	/	/	21.43	/	/	<=30	Pass
		Edge_1RB_Left	22.33	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	22.19	/	/	<=30	Pass
	3750	Outer_Full	22.78	/	/	22.78	/	/	<=30	Pass
		Inner_Full	24.14	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Left	24.17	/	/	24.17	/	/	<=30	Pass
		Inner_1RB_Right	24.17	/	/	24.17	/	/	<=30	Pass
		Edge_1RB_Left	22.20	/	/	22.20	/	/	<=30	Pass
3789.99	Edge_1RB_Right	22.31	/	/	22.31	/	/	<=30	Pass	
	Outer_Full	22.83	/	/	22.83	/	/	<=30	Pass	
	Inner_Full	24.27	/	/	24.27	/	/	<=30	Pass	
	Inner_1RB_Left	24.16	/	/	24.16	/	/	<=30	Pass	
	Inner_1RB_Right	24.42	/	/	24.42	/	/	<=30	Pass	
CP-OFDM 16 QAM	3710.01	Edge_1RB_Left	22.36	/	/	22.36	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	22.43	/	/	<=30	Pass
		Outer_Full	22.99	/	/	22.99	/	/	<=30	Pass
		Inner_Full	24.47	/	/	24.47	/	/	<=30	Pass
		Inner_1RB_Left	24.29	/	/	24.29	/	/	<=30	Pass
	3750	Inner_1RB_Right	24.57	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Left	22.27	/	/	22.27	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	22.25	/	/	<=30	Pass
		Outer_Full	22.85	/	/	22.85	/	/	<=30	Pass
		Inner_Full	23.76	/	/	23.76	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	23.80	/	/	<=30	Pass
		Inner_1RB_Right	23.78	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Left	22.31	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	22.49	/	/	<=30	Pass
		Outer_Full	22.87	/	/	22.87	/	/	<=30	Pass
		Inner_Full	23.89	/	/	23.89	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	23.83	/	/	<=30	Pass

	3789.99	Edge_1RB_Left	22.52	/	/	22.52	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	22.71	/	/	<=30	Pass
		Outer_Full	23.07	/	/	23.07	/	/	<=30	Pass
		Inner_Full	23.97	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Left	24.02	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Right	23.94	/	/	23.94	/	/	<=30	Pass
CP-OFDM 64 QAM	3710.01	Edge_1RB_Left	22.42	/	/	22.42	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	22.36	/	/	<=30	Pass
		Outer_Full	22.34	/	/	22.34	/	/	<=30	Pass
		Inner_Full	22.35	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Left	22.47	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Right	22.41	/	/	22.41	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.47	/	/	22.47	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	22.52	/	/	<=30	Pass
		Outer_Full	22.47	/	/	22.47	/	/	<=30	Pass
		Inner_Full	22.54	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Left	22.50	/	/	22.50	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	22.53	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	22.57	/	/	22.57	/	/	<=30	Pass
		Edge_1RB_Right	22.65	/	/	22.65	/	/	<=30	Pass
		Outer_Full	22.57	/	/	22.57	/	/	<=30	Pass
		Inner_Full	22.56	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	22.54	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	22.58	/	/	22.58	/	/	<=30	Pass
CP-OFDM 256 QAM	3710.01	Edge_1RB_Left	19.33	/	/	19.33	/	/	<=30	Pass
		Edge_1RB_Right	19.35	/	/	19.35	/	/	<=30	Pass
		Outer_Full	19.40	/	/	19.40	/	/	<=30	Pass
		Inner_Full	19.38	/	/	19.38	/	/	<=30	Pass
		Inner_1RB_Left	19.45	/	/	19.45	/	/	<=30	Pass
		Inner_1RB_Right	19.37	/	/	19.37	/	/	<=30	Pass
	3750	Edge_1RB_Left	19.39	/	/	19.39	/	/	<=30	Pass
		Edge_1RB_Right	19.47	/	/	19.47	/	/	<=30	Pass
		Outer_Full	19.50	/	/	19.50	/	/	<=30	Pass
		Inner_Full	19.49	/	/	19.49	/	/	<=30	Pass
		Inner_1RB_Left	19.34	/	/	19.34	/	/	<=30	Pass
		Inner_1RB_Right	19.50	/	/	19.50	/	/	<=30	Pass
	3789.99	Edge_1RB_Left	19.58	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	19.58	/	/	19.58	/	/	<=30	Pass
		Outer_Full	19.60	/	/	19.60	/	/	<=30	Pass
		Inner_Full	19.58	/	/	19.58	/	/	<=30	Pass
		Inner_1RB_Left	19.58	/	/	19.58	/	/	<=30	Pass
		Inner_1RB_Right	19.58	/	/	19.58	/	/	<=30	Pass
Note1: Antenna Gain: Ant6: 0.00dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_25MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 25MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3712.5	Edge_1RB_Left	22.33	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	22.20	/	/	<=30	Pass
		Outer_Full	25.40	/	/	25.40	/	/	<=30	Pass
		Inner_Full	25.82	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	26.00	/	/	<=30	Pass
		Inner_1RB_Right	25.93	/	/	25.93	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.31	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	22.42	/	/	22.42	/	/	<=30	Pass

		Outer_Full	25.49	/	/	25.49	/	/	<=30	Pass	
		Inner_Full	25.98	/	/	25.98	/	/	<=30	Pass	
		Inner_1RB_Left	25.87	/	/	25.87	/	/	<=30	Pass	
		Inner_1RB_Right	26.09	/	/	26.09	/	/	<=30	Pass	
	3787.5	Edge_1RB_Left	22.37	/	/	22.37	/	/	<=30	Pass	
		Edge_1RB_Right	22.52	/	/	22.52	/	/	<=30	Pass	
		Outer_Full	25.61	/	/	25.61	/	/	<=30	Pass	
		Inner_Full	26.02	/	/	26.02	/	/	<=30	Pass	
		Inner_1RB_Left	25.99	/	/	25.99	/	/	<=30	Pass	
		Inner_1RB_Right	25.97	/	/	25.97	/	/	<=30	Pass	
DFT-s-OFDM QPSK	3712.5	Edge_1RB_Left	22.38	/	/	22.38	/	/	<=30	Pass	
		Edge_1RB_Right	22.25	/	/	22.25	/	/	<=30	Pass	
		Outer_Full	24.83	/	/	24.83	/	/	<=30	Pass	
		Inner_Full	25.83	/	/	25.83	/	/	<=30	Pass	
		Inner_1RB_Left	25.88	/	/	25.88	/	/	<=30	Pass	
		Inner_1RB_Right	25.87	/	/	25.87	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.32	/	/	22.32	/	/	<=30	Pass	
		Edge_1RB_Right	22.44	/	/	22.44	/	/	<=30	Pass	
		Outer_Full	24.99	/	/	24.99	/	/	<=30	Pass	
		Inner_Full	25.96	/	/	25.96	/	/	<=30	Pass	
		Inner_1RB_Left	25.88	/	/	25.88	/	/	<=30	Pass	
		Inner_1RB_Right	26.37	/	/	26.37	/	/	<=30	Pass	
	3787.5	Edge_1RB_Left	22.36	/	/	22.36	/	/	<=30	Pass	
		Edge_1RB_Right	22.54	/	/	22.54	/	/	<=30	Pass	
		Outer_Full	25.12	/	/	25.12	/	/	<=30	Pass	
		Inner_Full	26.07	/	/	26.07	/	/	<=30	Pass	
		Inner_1RB_Left	25.97	/	/	25.97	/	/	<=30	Pass	
		Inner_1RB_Right	26.09	/	/	26.09	/	/	<=30	Pass	
	DFT-s-OFDM 16 QAM	3712.5	Edge_1RB_Left	22.37	/	/	22.37	/	/	<=30	Pass
			Edge_1RB_Right	22.25	/	/	22.25	/	/	<=30	Pass
			Outer_Full	23.85	/	/	23.85	/	/	<=30	Pass
			Inner_Full	24.81	/	/	24.81	/	/	<=30	Pass
			Inner_1RB_Left	25.03	/	/	25.03	/	/	<=30	Pass
			Inner_1RB_Right	25.03	/	/	25.03	/	/	<=30	Pass
3750		Edge_1RB_Left	22.32	/	/	22.32	/	/	<=30	Pass	
		Edge_1RB_Right	22.46	/	/	22.46	/	/	<=30	Pass	
		Outer_Full	23.90	/	/	23.90	/	/	<=30	Pass	
		Inner_Full	25.02	/	/	25.02	/	/	<=30	Pass	
		Inner_1RB_Left	25.07	/	/	25.07	/	/	<=30	Pass	
		Inner_1RB_Right	25.12	/	/	25.12	/	/	<=30	Pass	
3787.5		Edge_1RB_Left	22.38	/	/	22.38	/	/	<=30	Pass	
		Edge_1RB_Right	22.47	/	/	22.47	/	/	<=30	Pass	
		Outer_Full	24.05	/	/	24.05	/	/	<=30	Pass	
		Inner_Full	25.05	/	/	25.05	/	/	<=30	Pass	
		Inner_1RB_Left	25.03	/	/	25.03	/	/	<=30	Pass	
		Inner_1RB_Right	25.08	/	/	25.08	/	/	<=30	Pass	
DFT-s-OFDM 64 QAM		3712.5	Edge_1RB_Left	22.42	/	/	22.42	/	/	<=30	Pass
			Edge_1RB_Right	22.27	/	/	22.27	/	/	<=30	Pass
			Outer_Full	23.34	/	/	23.34	/	/	<=30	Pass
			Inner_Full	23.37	/	/	23.37	/	/	<=30	Pass
			Inner_1RB_Left	23.36	/	/	23.36	/	/	<=30	Pass
			Inner_1RB_Right	23.34	/	/	23.34	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.25	/	/	22.25	/	/	<=30	Pass	
		Edge_1RB_Right	22.42	/	/	22.42	/	/	<=30	Pass	
		Outer_Full	23.44	/	/	23.44	/	/	<=30	Pass	
		Inner_Full	23.50	/	/	23.50	/	/	<=30	Pass	
		Inner_1RB_Left	23.30	/	/	23.30	/	/	<=30	Pass	
		Inner_1RB_Right	23.42	/	/	23.42	/	/	<=30	Pass	
	3787.5	Edge_1RB_Left	22.40	/	/	22.40	/	/	<=30	Pass	

		Edge_1RB_Right	22.52	/	/	22.52	/	/	<=30	Pass
		Outer_Full	23.56	/	/	23.56	/	/	<=30	Pass
		Inner_Full	23.60	/	/	23.60	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	23.54	/	/	23.54	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3712.5	Edge_1RB_Left	21.21	/	/	21.21	/	/	<=30	Pass
		Edge_1RB_Right	21.04	/	/	21.04	/	/	<=30	Pass
		Outer_Full	21.42	/	/	21.42	/	/	<=30	Pass
		Inner_Full	21.28	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Left	21.17	/	/	21.17	/	/	<=30	Pass
	Inner_1RB_Right	21.11	/	/	21.11	/	/	<=30	Pass	
	3750	Edge_1RB_Left	21.13	/	/	21.13	/	/	<=30	Pass
		Edge_1RB_Right	21.23	/	/	21.23	/	/	<=30	Pass
		Outer_Full	21.44	/	/	21.44	/	/	<=30	Pass
		Inner_Full	21.38	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Left	21.13	/	/	21.13	/	/	<=30	Pass
	Inner_1RB_Right	21.24	/	/	21.24	/	/	<=30	Pass	
	3787.5	Edge_1RB_Left	21.18	/	/	21.18	/	/	<=30	Pass
		Edge_1RB_Right	21.39	/	/	21.39	/	/	<=30	Pass
		Outer_Full	21.59	/	/	21.59	/	/	<=30	Pass
Inner_Full		21.51	/	/	21.51	/	/	<=30	Pass	
Inner_1RB_Left		21.23	/	/	21.23	/	/	<=30	Pass	
Inner_1RB_Right	21.39	/	/	21.39	/	/	<=30	Pass		
CP-OFDM QPSK	3712.5	Edge_1RB_Left	22.19	/	/	22.19	/	/	<=30	Pass
		Edge_1RB_Right	22.07	/	/	22.07	/	/	<=30	Pass
		Outer_Full	22.77	/	/	22.77	/	/	<=30	Pass
		Inner_Full	24.25	/	/	24.25	/	/	<=30	Pass
		Inner_1RB_Left	24.14	/	/	24.14	/	/	<=30	Pass
	Inner_1RB_Right	24.19	/	/	24.19	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.21	/	/	22.21	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	22.27	/	/	<=30	Pass
		Outer_Full	22.86	/	/	22.86	/	/	<=30	Pass
		Inner_Full	24.37	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Left	24.07	/	/	24.07	/	/	<=30	Pass
	Inner_1RB_Right	24.24	/	/	24.24	/	/	<=30	Pass	
	3787.5	Edge_1RB_Left	22.18	/	/	22.18	/	/	<=30	Pass
		Edge_1RB_Right	22.31	/	/	22.31	/	/	<=30	Pass
		Outer_Full	22.98	/	/	22.98	/	/	<=30	Pass
Inner_Full		24.44	/	/	24.44	/	/	<=30	Pass	
Inner_1RB_Left		24.13	/	/	24.13	/	/	<=30	Pass	
Inner_1RB_Right	24.21	/	/	24.21	/	/	<=30	Pass		
CP-OFDM 16 QAM	3712.5	Edge_1RB_Left	22.31	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	22.22	/	/	<=30	Pass
		Outer_Full	22.81	/	/	22.81	/	/	<=30	Pass
		Inner_Full	23.83	/	/	23.83	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	23.80	/	/	<=30	Pass
	Inner_1RB_Right	23.66	/	/	23.66	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.28	/	/	22.28	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	22.34	/	/	<=30	Pass
		Outer_Full	22.89	/	/	22.89	/	/	<=30	Pass
		Inner_Full	23.92	/	/	23.92	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	23.72	/	/	<=30	Pass
	Inner_1RB_Right	23.76	/	/	23.76	/	/	<=30	Pass	
	3787.5	Edge_1RB_Left	22.26	/	/	22.26	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	22.43	/	/	<=30	Pass
		Outer_Full	23.05	/	/	23.05	/	/	<=30	Pass
Inner_Full		23.96	/	/	23.96	/	/	<=30	Pass	
Inner_1RB_Left		23.78	/	/	23.78	/	/	<=30	Pass	
Inner_1RB_Right	23.85	/	/	23.85	/	/	<=30	Pass		

CP-OFDM 64 QAM	3712.5	Edge_1RB_Left	22.51	/	/	22.51	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	22.25	/	/	<=30	Pass
		Outer_Full	22.34	/	/	22.34	/	/	<=30	Pass
		Inner_Full	22.35	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Left	22.46	/	/	22.46	/	/	<=30	Pass
	Inner_1RB_Right	22.26	/	/	22.26	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.30	/	/	22.30	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	22.44	/	/	<=30	Pass
		Outer_Full	22.37	/	/	22.37	/	/	<=30	Pass
		Inner_Full	22.49	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Left	22.37	/	/	22.37	/	/	<=30	Pass
	Inner_1RB_Right	22.44	/	/	22.44	/	/	<=30	Pass	
	3787.5	Edge_1RB_Left	22.40	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	22.57	/	/	22.57	/	/	<=30	Pass
		Outer_Full	22.54	/	/	22.54	/	/	<=30	Pass
Inner_Full		22.54	/	/	22.54	/	/	<=30	Pass	
Inner_1RB_Left		22.45	/	/	22.45	/	/	<=30	Pass	
Inner_1RB_Right	22.54	/	/	22.54	/	/	<=30	Pass		
CP-OFDM 256 QAM	3712.5	Edge_1RB_Left	19.30	/	/	19.30	/	/	<=30	Pass
		Edge_1RB_Right	19.23	/	/	19.23	/	/	<=30	Pass
		Outer_Full	19.35	/	/	19.35	/	/	<=30	Pass
		Inner_Full	19.36	/	/	19.36	/	/	<=30	Pass
		Inner_1RB_Left	19.36	/	/	19.36	/	/	<=30	Pass
	Inner_1RB_Right	19.31	/	/	19.31	/	/	<=30	Pass	
	3750	Edge_1RB_Left	19.34	/	/	19.34	/	/	<=30	Pass
		Edge_1RB_Right	19.40	/	/	19.40	/	/	<=30	Pass
		Outer_Full	19.43	/	/	19.43	/	/	<=30	Pass
		Inner_Full	19.42	/	/	19.42	/	/	<=30	Pass
		Inner_1RB_Left	19.35	/	/	19.35	/	/	<=30	Pass
	Inner_1RB_Right	19.43	/	/	19.43	/	/	<=30	Pass	
	3787.5	Edge_1RB_Left	19.47	/	/	19.47	/	/	<=30	Pass
		Edge_1RB_Right	19.48	/	/	19.48	/	/	<=30	Pass
		Outer_Full	19.62	/	/	19.62	/	/	<=30	Pass
Inner_Full		19.60	/	/	19.60	/	/	<=30	Pass	
Inner_1RB_Left		19.39	/	/	19.39	/	/	<=30	Pass	
Inner_1RB_Right	19.53	/	/	19.53	/	/	<=30	Pass		
Note1: Antenna Gain: Ant6: 0.00dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30k_SISO_30MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3715.02	Edge_1RB_Left	22.35	/	/	22.35	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	22.45	/	/	<=30	Pass
		Outer_Full	25.44	/	/	25.44	/	/	<=30	Pass
		Inner_Full	26.05	/	/	26.05	/	/	<=30	Pass
		Inner_1RB_Left	25.89	/	/	25.89	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	26.02	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.38	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	22.51	/	/	<=30	Pass
		Outer_Full	25.52	/	/	25.52	/	/	<=30	Pass
		Inner_Full	25.96	/	/	25.96	/	/	<=30	Pass
		Inner_1RB_Left	25.98	/	/	25.98	/	/	<=30	Pass
	Inner_1RB_Right	26.11	/	/	26.11	/	/	<=30	Pass	
	3784.98	Edge_1RB_Left	22.49	/	/	22.49	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	22.51	/	/	<=30	Pass

		Outer_Full	25.60	/	/	25.60	/	/	<=30	Pass
		Inner_Full	26.19	/	/	26.19	/	/	<=30	Pass
		Inner_1RB_Left	26.04	/	/	26.04	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	26.08	/	/	<=30	Pass
DFT-s-OFDM QPSK	3715.02	Edge_1RB_Left	22.33	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	22.46	/	/	<=30	Pass
		Outer_Full	24.92	/	/	24.92	/	/	<=30	Pass
		Inner_Full	25.85	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Left	26.30	/	/	26.30	/	/	<=30	Pass
		Inner_1RB_Right	26.22	/	/	26.22	/	/	<=30	Pass
		Edge_1RB_Left	22.40	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	22.51	/	/	<=30	Pass
	3750	Outer_Full	24.99	/	/	24.99	/	/	<=30	Pass
		Inner_Full	26.03	/	/	26.03	/	/	<=30	Pass
		Inner_1RB_Left	26.00	/	/	26.00	/	/	<=30	Pass
		Inner_1RB_Right	26.32	/	/	26.32	/	/	<=30	Pass
	3784.98	Edge_1RB_Left	22.54	/	/	22.54	/	/	<=30	Pass
		Edge_1RB_Right	22.52	/	/	22.52	/	/	<=30	Pass
		Outer_Full	25.18	/	/	25.18	/	/	<=30	Pass
		Inner_Full	26.08	/	/	26.08	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3715.02	Inner_1RB_Left	26.00	/	/	26.00	/	/	<=30	Pass
		Inner_1RB_Right	26.25	/	/	26.25	/	/	<=30	Pass
		Edge_1RB_Left	22.35	/	/	22.35	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	22.44	/	/	<=30	Pass
		Outer_Full	23.81	/	/	23.81	/	/	<=30	Pass
		Inner_Full	24.86	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Left	24.96	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Right	25.12	/	/	25.12	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.45	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	22.47	/	/	<=30	Pass
		Outer_Full	23.92	/	/	23.92	/	/	<=30	Pass
		Inner_Full	24.99	/	/	24.99	/	/	<=30	Pass
	3784.98	Inner_1RB_Left	25.01	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Right	25.14	/	/	25.14	/	/	<=30	Pass
		Edge_1RB_Left	22.52	/	/	22.52	/	/	<=30	Pass
		Edge_1RB_Right	22.51	/	/	22.51	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3715.02	Outer_Full	24.02	/	/	24.02	/	/	<=30	Pass
		Inner_Full	25.09	/	/	25.09	/	/	<=30	Pass
		Inner_1RB_Left	25.14	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Right	24.99	/	/	24.99	/	/	<=30	Pass
		Edge_1RB_Left	22.37	/	/	22.37	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	22.47	/	/	<=30	Pass
	3750	Outer_Full	23.39	/	/	23.39	/	/	<=30	Pass
		Inner_Full	23.35	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	23.42	/	/	23.42	/	/	<=30	Pass
		Edge_1RB_Left	22.31	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	22.44	/	/	<=30	Pass
	3784.98	Outer_Full	23.52	/	/	23.52	/	/	<=30	Pass
		Inner_Full	23.47	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Left	23.41	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Right	23.46	/	/	23.46	/	/	<=30	Pass
Edge_1RB_Left		22.43	/	/	22.43	/	/	<=30	Pass	
Edge_1RB_Right		22.63	/	/	22.63	/	/	<=30	Pass	
DFT-s-OFDM 256	3715.02	Outer_Full	23.61	/	/	23.61	/	/	<=30	Pass
		Inner_Full	23.53	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Right	23.48	/	/	23.48	/	/	<=30	Pass
		Edge_1RB_Left	21.20	/	/	21.20	/	/	<=30	Pass

QAM		Edge_1RB_Right	21.29	/	/	21.29	/	/	<=30	Pass
		Outer_Full	21.39	/	/	21.39	/	/	<=30	Pass
		Inner_Full	21.38	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Left	21.20	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Right	21.27	/	/	21.27	/	/	<=30	Pass
	3750	Edge_1RB_Left	21.22	/	/	21.22	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	21.36	/	/	<=30	Pass
		Outer_Full	21.47	/	/	21.47	/	/	<=30	Pass
		Inner_Full	21.46	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Left	21.24	/	/	21.24	/	/	<=30	Pass
	3784.98	Inner_1RB_Right	21.36	/	/	21.36	/	/	<=30	Pass
		Edge_1RB_Left	21.35	/	/	21.35	/	/	<=30	Pass
		Edge_1RB_Right	21.36	/	/	21.36	/	/	<=30	Pass
		Outer_Full	21.63	/	/	21.63	/	/	<=30	Pass
		Inner_Full	21.57	/	/	21.57	/	/	<=30	Pass
CP-OFDM QPSK	3715.02	Inner_1RB_Left	21.38	/	/	21.38	/	/	<=30	Pass
		Inner_1RB_Right	21.35	/	/	21.35	/	/	<=30	Pass
		Edge_1RB_Left	22.21	/	/	22.21	/	/	<=30	Pass
		Edge_1RB_Right	22.30	/	/	22.30	/	/	<=30	Pass
		Outer_Full	22.84	/	/	22.84	/	/	<=30	Pass
	3750	Inner_Full	24.30	/	/	24.30	/	/	<=30	Pass
		Inner_1RB_Left	24.15	/	/	24.15	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	24.34	/	/	<=30	Pass
		Edge_1RB_Left	22.22	/	/	22.22	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	22.37	/	/	<=30	Pass
	3784.98	Outer_Full	22.94	/	/	22.94	/	/	<=30	Pass
		Inner_Full	24.39	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Right	24.32	/	/	24.32	/	/	<=30	Pass
		Edge_1RB_Left	22.38	/	/	22.38	/	/	<=30	Pass
CP-OFDM 16 QAM	3715.02	Edge_1RB_Right	22.37	/	/	22.37	/	/	<=30	Pass
		Outer_Full	23.07	/	/	23.07	/	/	<=30	Pass
		Inner_Full	24.52	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Left	24.32	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Right	24.31	/	/	24.31	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.38	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	22.46	/	/	<=30	Pass
		Outer_Full	22.87	/	/	22.87	/	/	<=30	Pass
		Inner_Full	23.82	/	/	23.82	/	/	<=30	Pass
		Inner_1RB_Left	23.71	/	/	23.71	/	/	<=30	Pass
	3784.98	Inner_1RB_Right	23.84	/	/	23.84	/	/	<=30	Pass
		Edge_1RB_Left	22.35	/	/	22.35	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	22.48	/	/	<=30	Pass
		Outer_Full	22.96	/	/	22.96	/	/	<=30	Pass
		Inner_Full	23.95	/	/	23.95	/	/	<=30	Pass
3750	Inner_1RB_Left	23.85	/	/	23.85	/	/	<=30	Pass	
	Inner_1RB_Right	23.89	/	/	23.89	/	/	<=30	Pass	
	Edge_1RB_Left	22.47	/	/	22.47	/	/	<=30	Pass	
	Edge_1RB_Right	22.56	/	/	22.56	/	/	<=30	Pass	
	Outer_Full	23.04	/	/	23.04	/	/	<=30	Pass	
3784.98	Inner_Full	24.05	/	/	24.05	/	/	<=30	Pass	
	Inner_1RB_Left	23.89	/	/	23.89	/	/	<=30	Pass	
	Inner_1RB_Right	23.88	/	/	23.88	/	/	<=30	Pass	
	Edge_1RB_Left	22.40	/	/	22.40	/	/	<=30	Pass	
	Edge_1RB_Right	22.54	/	/	22.54	/	/	<=30	Pass	
CP-OFDM 64 QAM	3715.02	Outer_Full	22.38	/	/	22.38	/	/	<=30	Pass
		Inner_Full	22.36	/	/	22.36	/	/	<=30	Pass
		Inner_1RB_Left	22.39	/	/	22.39	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	22.49	/	/	<=30	Pass

	3750	Edge_1RB_Left	22.44	/	/	22.44	/	/	<=30	Pass	
		Edge_1RB_Right	22.59	/	/	22.59	/	/	<=30	Pass	
		Outer_Full	22.52	/	/	22.52	/	/	<=30	Pass	
		Inner_Full	22.43	/	/	22.43	/	/	<=30	Pass	
		Inner_1RB_Left	22.41	/	/	22.41	/	/	<=30	Pass	
		Inner_1RB_Right	22.56	/	/	22.56	/	/	<=30	Pass	
	3784.98	Edge_1RB_Left	22.56	/	/	22.56	/	/	<=30	Pass	
		Edge_1RB_Right	22.54	/	/	22.54	/	/	<=30	Pass	
		Outer_Full	22.56	/	/	22.56	/	/	<=30	Pass	
		Inner_Full	22.54	/	/	22.54	/	/	<=30	Pass	
		Inner_1RB_Left	22.54	/	/	22.54	/	/	<=30	Pass	
		Inner_1RB_Right	22.59	/	/	22.59	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3715.02	Edge_1RB_Left	19.34	/	/	19.34	/	/	<=30	Pass
			Edge_1RB_Right	19.44	/	/	19.44	/	/	<=30	Pass
Outer_Full			19.39	/	/	19.39	/	/	<=30	Pass	
Inner_Full			19.41	/	/	19.41	/	/	<=30	Pass	
Inner_1RB_Left			19.34	/	/	19.34	/	/	<=30	Pass	
Inner_1RB_Right			19.42	/	/	19.42	/	/	<=30	Pass	
3750		Edge_1RB_Left	19.41	/	/	19.41	/	/	<=30	Pass	
		Edge_1RB_Right	19.49	/	/	19.49	/	/	<=30	Pass	
		Outer_Full	19.51	/	/	19.51	/	/	<=30	Pass	
		Inner_Full	19.50	/	/	19.50	/	/	<=30	Pass	
		Inner_1RB_Left	19.40	/	/	19.40	/	/	<=30	Pass	
		Inner_1RB_Right	19.53	/	/	19.53	/	/	<=30	Pass	
3784.98		Edge_1RB_Left	19.55	/	/	19.55	/	/	<=30	Pass	
		Edge_1RB_Right	19.53	/	/	19.53	/	/	<=30	Pass	
		Outer_Full	19.61	/	/	19.61	/	/	<=30	Pass	
		Inner_Full	19.57	/	/	19.57	/	/	<=30	Pass	
		Inner_1RB_Left	19.56	/	/	19.56	/	/	<=30	Pass	
		Inner_1RB_Right	19.52	/	/	19.52	/	/	<=30	Pass	
Note1: Antenna Gain: Ant6: 0.00dBi;											
Note2: EIRP=Conducted Power+Antenna Gain											

1.1.6 30k_SISO_40MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3720	Edge_1RB_Left	22.36	/	/	22.36	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	22.39	/	/	<=30	Pass
		Outer_Full	25.37	/	/	25.37	/	/	<=30	Pass
		Inner_Full	25.95	/	/	25.95	/	/	<=30	Pass
		Inner_1RB_Left	25.99	/	/	25.99	/	/	<=30	Pass
		Inner_1RB_Right	26.05	/	/	26.05	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.26	/	/	22.26	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	22.55	/	/	<=30	Pass
		Outer_Full	25.56	/	/	25.56	/	/	<=30	Pass
		Inner_Full	26.05	/	/	26.05	/	/	<=30	Pass
		Inner_1RB_Left	25.97	/	/	25.97	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	26.08	/	/	<=30	Pass
	3780	Edge_1RB_Left	22.40	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	22.59	/	/	<=30	Pass
		Outer_Full	25.59	/	/	25.59	/	/	<=30	Pass
		Inner_Full	26.17	/	/	26.17	/	/	<=30	Pass
		Inner_1RB_Left	26.03	/	/	26.03	/	/	<=30	Pass
		Inner_1RB_Right	26.15	/	/	26.15	/	/	<=30	Pass
DFT-s-OFDM QPSK	3720	Edge_1RB_Left	22.38	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Right	22.39	/	/	22.39	/	/	<=30	Pass

		Outer_Full	25.01	/	/	25.01	/	/	<=30	Pass
		Inner_Full	25.96	/	/	25.96	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	25.95	/	/	<=30	Pass
		Inner_1RB_Right	26.17	/	/	26.17	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.31	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	22.53	/	/	<=30	Pass
		Outer_Full	25.01	/	/	25.01	/	/	<=30	Pass
		Inner_Full	26.06	/	/	26.06	/	/	<=30	Pass
	3780	Inner_1RB_Left	25.81	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Right	26.05	/	/	26.05	/	/	<=30	Pass
		Edge_1RB_Left	22.39	/	/	22.39	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	22.59	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3720	Outer_Full	25.19	/	/	25.19	/	/	<=30	Pass
		Inner_Full	26.19	/	/	26.19	/	/	<=30	Pass
		Inner_1RB_Left	25.96	/	/	25.96	/	/	<=30	Pass
		Inner_1RB_Right	26.18	/	/	26.18	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.40	/	/	22.40	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	22.43	/	/	<=30	Pass
		Outer_Full	23.86	/	/	23.86	/	/	<=30	Pass
		Inner_Full	24.91	/	/	24.91	/	/	<=30	Pass
	3780	Inner_1RB_Left	24.96	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Right	25.06	/	/	25.06	/	/	<=30	Pass
		Edge_1RB_Left	22.37	/	/	22.37	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	22.55	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3720	Outer_Full	23.94	/	/	23.94	/	/	<=30	Pass
		Inner_Full	24.99	/	/	24.99	/	/	<=30	Pass
		Inner_1RB_Left	24.87	/	/	24.87	/	/	<=30	Pass
		Inner_1RB_Right	25.07	/	/	25.07	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.45	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Right	22.61	/	/	22.61	/	/	<=30	Pass
		Outer_Full	24.11	/	/	24.11	/	/	<=30	Pass
		Inner_Full	25.19	/	/	25.19	/	/	<=30	Pass
	3780	Inner_1RB_Left	25.21	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Right	25.00	/	/	25.00	/	/	<=30	Pass
		Edge_1RB_Left	22.34	/	/	22.34	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	22.43	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3720	Outer_Full	23.45	/	/	23.45	/	/	<=30	Pass
		Inner_Full	23.37	/	/	23.37	/	/	<=30	Pass
		Inner_1RB_Left	23.35	/	/	23.35	/	/	<=30	Pass
		Inner_1RB_Right	23.38	/	/	23.38	/	/	<=30	Pass
	3750	Edge_1RB_Left	22.36	/	/	22.36	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	22.54	/	/	<=30	Pass
		Outer_Full	23.48	/	/	23.48	/	/	<=30	Pass
		Inner_Full	23.47	/	/	23.47	/	/	<=30	Pass
	3780	Inner_1RB_Left	23.30	/	/	23.30	/	/	<=30	Pass
		Inner_1RB_Right	23.45	/	/	23.45	/	/	<=30	Pass
		Edge_1RB_Left	22.45	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Right	22.54	/	/	22.54	/	/	<=30	Pass
3720	Outer_Full	23.62	/	/	23.62	/	/	<=30	Pass	
	Inner_Full	23.64	/	/	23.64	/	/	<=30	Pass	
	Inner_1RB_Left	23.40	/	/	23.40	/	/	<=30	Pass	
	Inner_1RB_Right	23.53	/	/	23.53	/	/	<=30	Pass	
	Edge_1RB_Left	21.20	/	/	21.20	/	/	<=30	Pass	
	Edge_1RB_Right	21.26	/	/	21.26	/	/	<=30	Pass	
	Outer_Full	21.38	/	/	21.38	/	/	<=30	Pass	
	Inner_Full	21.36	/	/	21.36	/	/	<=30	Pass	
3750	Inner_1RB_Left	21.17	/	/	21.17	/	/	<=30	Pass	
	Inner_1RB_Right	21.29	/	/	21.29	/	/	<=30	Pass	
		Edge_1RB_Left	21.10	/	/	21.10	/	/	<=30	Pass

CP-OFDM 256 QAM	3780	Edge_1RB_Left	22.41	/	/	22.41	/	/	<=30	Pass	
		Edge_1RB_Right	22.63	/	/	22.63	/	/	<=30	Pass	
		Outer_Full	22.61	/	/	22.61	/	/	<=30	Pass	
		Inner_Full	22.59	/	/	22.59	/	/	<=30	Pass	
		Inner_1RB_Left	22.44	/	/	22.44	/	/	<=30	Pass	
		Inner_1RB_Right	22.66	/	/	22.66	/	/	<=30	Pass	
	3720	3720	Edge_1RB_Left	19.42	/	/	19.42	/	/	<=30	Pass
			Edge_1RB_Right	19.46	/	/	19.46	/	/	<=30	Pass
			Outer_Full	19.40	/	/	19.40	/	/	<=30	Pass
			Inner_Full	19.42	/	/	19.42	/	/	<=30	Pass
			Inner_1RB_Left	19.35	/	/	19.35	/	/	<=30	Pass
			Inner_1RB_Right	19.45	/	/	19.45	/	/	<=30	Pass
3750		3750	Edge_1RB_Left	19.26	/	/	19.26	/	/	<=30	Pass
			Edge_1RB_Right	19.49	/	/	19.49	/	/	<=30	Pass
			Outer_Full	19.48	/	/	19.48	/	/	<=30	Pass
			Inner_Full	19.50	/	/	19.50	/	/	<=30	Pass
			Inner_1RB_Left	19.27	/	/	19.27	/	/	<=30	Pass
			Inner_1RB_Right	19.53	/	/	19.53	/	/	<=30	Pass
3780	3780	Edge_1RB_Left	19.41	/	/	19.41	/	/	<=30	Pass	
		Edge_1RB_Right	19.63	/	/	19.63	/	/	<=30	Pass	
		Outer_Full	19.63	/	/	19.63	/	/	<=30	Pass	
		Inner_Full	19.64	/	/	19.64	/	/	<=30	Pass	
		Inner_1RB_Left	19.43	/	/	19.43	/	/	<=30	Pass	
		Inner_1RB_Right	19.60	/	/	19.60	/	/	<=30	Pass	
Note1: Antenna Gain: Ant6: 0.00dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.7 30k_SISO_50MHz_NTNV_EIRP

5G NR n78a SCS=30kHz SISO 50MHz NTN											
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict	
			Ant6	Ant2	Sum	Ant6	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3725.01	Edge_1RB_Left	22.18	/	/	22.18	/	/	<=30	Pass	
		Edge_1RB_Right	22.47	/	/	22.47	/	/	<=30	Pass	
		Outer_Full	25.38	/	/	25.38	/	/	<=30	Pass	
		Inner_Full	26.01	/	/	26.01	/	/	<=30	Pass	
		Inner_1RB_Left	25.94	/	/	25.94	/	/	<=30	Pass	
		Inner_1RB_Right	26.24	/	/	26.24	/	/	<=30	Pass	
	3750	3750	Edge_1RB_Left	22.24	/	/	22.24	/	/	<=30	Pass
			Edge_1RB_Right	22.47	/	/	22.47	/	/	<=30	Pass
			Outer_Full	25.54	/	/	25.54	/	/	<=30	Pass
			Inner_Full	26.17	/	/	26.17	/	/	<=30	Pass
			Inner_1RB_Left	25.93	/	/	25.93	/	/	<=30	Pass
			Inner_1RB_Right	26.14	/	/	26.14	/	/	<=30	Pass
	3774.99	3774.99	Edge_1RB_Left	22.34	/	/	22.34	/	/	<=30	Pass
			Edge_1RB_Right	22.40	/	/	22.40	/	/	<=30	Pass
			Outer_Full	25.59	/	/	25.59	/	/	<=30	Pass
			Inner_Full	26.11	/	/	26.11	/	/	<=30	Pass
			Inner_1RB_Left	26.11	/	/	26.11	/	/	<=30	Pass
			Inner_1RB_Right	26.01	/	/	26.01	/	/	<=30	Pass
DFT-s-OFDM QPSK	3725.01	Edge_1RB_Left	22.17	/	/	22.17	/	/	<=30	Pass	
		Edge_1RB_Right	22.48	/	/	22.48	/	/	<=30	Pass	
		Outer_Full	25.00	/	/	25.00	/	/	<=30	Pass	
		Inner_Full	26.09	/	/	26.09	/	/	<=30	Pass	
		Inner_1RB_Left	25.79	/	/	25.79	/	/	<=30	Pass	
		Inner_1RB_Right	26.28	/	/	26.28	/	/	<=30	Pass	
	3750	3750	Edge_1RB_Left	22.23	/	/	22.23	/	/	<=30	Pass
			Edge_1RB_Right	22.53	/	/	22.53	/	/	<=30	Pass

		Outer_Full	25.10	/	/	25.10	/	/	<=30	Pass	
		Inner_Full	26.12	/	/	26.12	/	/	<=30	Pass	
		Inner_1RB_Left	25.93	/	/	25.93	/	/	<=30	Pass	
		Inner_1RB_Right	26.35	/	/	26.35	/	/	<=30	Pass	
	3774.99	Edge_1RB_Left	22.37	/	/	22.37	/	/	<=30	Pass	
		Edge_1RB_Right	22.36	/	/	22.36	/	/	<=30	Pass	
		Outer_Full	25.01	/	/	25.01	/	/	<=30	Pass	
		Inner_Full	26.15	/	/	26.15	/	/	<=30	Pass	
		Inner_1RB_Left	26.13	/	/	26.13	/	/	<=30	Pass	
		Inner_1RB_Right	26.14	/	/	26.14	/	/	<=30	Pass	
DFT-s-OFDM 16 QAM	3725.01	Edge_1RB_Left	22.28	/	/	22.28	/	/	<=30	Pass	
		Edge_1RB_Right	22.51	/	/	22.51	/	/	<=30	Pass	
		Outer_Full	23.86	/	/	23.86	/	/	<=30	Pass	
		Inner_Full	25.04	/	/	25.04	/	/	<=30	Pass	
		Inner_1RB_Left	24.91	/	/	24.91	/	/	<=30	Pass	
	3750	Inner_1RB_Right	25.23	/	/	25.23	/	/	<=30	Pass	
		Edge_1RB_Left	22.22	/	/	22.22	/	/	<=30	Pass	
		Edge_1RB_Right	22.53	/	/	22.53	/	/	<=30	Pass	
		Outer_Full	24.01	/	/	24.01	/	/	<=30	Pass	
		Inner_Full	25.21	/	/	25.21	/	/	<=30	Pass	
	3774.99	Inner_1RB_Left	24.99	/	/	24.99	/	/	<=30	Pass	
		Inner_1RB_Right	25.30	/	/	25.30	/	/	<=30	Pass	
		Edge_1RB_Left	22.43	/	/	22.43	/	/	<=30	Pass	
		Edge_1RB_Right	22.42	/	/	22.42	/	/	<=30	Pass	
		Outer_Full	23.99	/	/	23.99	/	/	<=30	Pass	
	DFT-s-OFDM 64 QAM	3725.01	Inner_Full	25.12	/	/	25.12	/	/	<=30	Pass
			Inner_1RB_Left	25.17	/	/	25.17	/	/	<=30	Pass
			Inner_1RB_Right	25.19	/	/	25.19	/	/	<=30	Pass
			Edge_1RB_Left	22.16	/	/	22.16	/	/	<=30	Pass
			Edge_1RB_Right	22.45	/	/	22.45	/	/	<=30	Pass
3750		Outer_Full	23.35	/	/	23.35	/	/	<=30	Pass	
		Inner_Full	23.42	/	/	23.42	/	/	<=30	Pass	
		Inner_1RB_Left	23.24	/	/	23.24	/	/	<=30	Pass	
		Inner_1RB_Right	23.46	/	/	23.46	/	/	<=30	Pass	
		Edge_1RB_Left	22.31	/	/	22.31	/	/	<=30	Pass	
3774.99		Edge_1RB_Right	22.58	/	/	22.58	/	/	<=30	Pass	
		Outer_Full	23.50	/	/	23.50	/	/	<=30	Pass	
		Inner_Full	23.51	/	/	23.51	/	/	<=30	Pass	
		Inner_1RB_Left	23.34	/	/	23.34	/	/	<=30	Pass	
		Inner_1RB_Right	23.49	/	/	23.49	/	/	<=30	Pass	
3725.01		Edge_1RB_Left	22.37	/	/	22.37	/	/	<=30	Pass	
		Edge_1RB_Right	22.48	/	/	22.48	/	/	<=30	Pass	
		Outer_Full	23.55	/	/	23.55	/	/	<=30	Pass	
		Inner_Full	23.57	/	/	23.57	/	/	<=30	Pass	
		Inner_1RB_Left	23.40	/	/	23.40	/	/	<=30	Pass	
DFT-s-OFDM 256 QAM	3750	Inner_1RB_Right	23.46	/	/	23.46	/	/	<=30	Pass	
		Edge_1RB_Left	21.06	/	/	21.06	/	/	<=30	Pass	
		Edge_1RB_Right	21.33	/	/	21.33	/	/	<=30	Pass	
		Outer_Full	21.42	/	/	21.42	/	/	<=30	Pass	
		Inner_Full	21.39	/	/	21.39	/	/	<=30	Pass	
	3774.99	Inner_1RB_Left	21.06	/	/	21.06	/	/	<=30	Pass	
		Inner_1RB_Right	21.28	/	/	21.28	/	/	<=30	Pass	
		Edge_1RB_Left	21.03	/	/	21.03	/	/	<=30	Pass	
		Edge_1RB_Right	21.31	/	/	21.31	/	/	<=30	Pass	
		Outer_Full	21.53	/	/	21.53	/	/	<=30	Pass	
3725.01	Inner_Full	21.49	/	/	21.49	/	/	<=30	Pass		
	Inner_1RB_Left	21.05	/	/	21.05	/	/	<=30	Pass		
	Inner_1RB_Right	21.33	/	/	21.33	/	/	<=30	Pass		
	Edge_1RB_Left	21.22	/	/	21.22	/	/	<=30	Pass		
	Edge_1RB_Right	21.22	/	/	21.22	/	/	<=30	Pass		

		Edge_1RB_Right	21.24	/	/	21.24	/	/	<=30	Pass
		Outer_Full	21.59	/	/	21.59	/	/	<=30	Pass
		Inner_Full	21.59	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Left	21.18	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Right	21.23	/	/	21.23	/	/	<=30	Pass
CP-OFDM QPSK	3725.01	Edge_1RB_Left	22.06	/	/	22.06	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	22.35	/	/	<=30	Pass
		Outer_Full	22.80	/	/	22.80	/	/	<=30	Pass
		Inner_Full	24.35	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	23.97	/	/	<=30	Pass
	Inner_1RB_Right	24.30	/	/	24.30	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.08	/	/	22.08	/	/	<=30	Pass
		Edge_1RB_Right	22.40	/	/	22.40	/	/	<=30	Pass
		Outer_Full	22.91	/	/	22.91	/	/	<=30	Pass
		Inner_Full	24.43	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	24.04	/	/	<=30	Pass
	Inner_1RB_Right	24.42	/	/	24.42	/	/	<=30	Pass	
	3774.99	Edge_1RB_Left	22.24	/	/	22.24	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	22.22	/	/	<=30	Pass
		Outer_Full	22.98	/	/	22.98	/	/	<=30	Pass
Inner_Full		24.47	/	/	24.47	/	/	<=30	Pass	
Inner_1RB_Left		24.13	/	/	24.13	/	/	<=30	Pass	
Inner_1RB_Right	24.19	/	/	24.19	/	/	<=30	Pass		
CP-OFDM 16 QAM	3725.01	Edge_1RB_Left	22.26	/	/	22.26	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	22.45	/	/	<=30	Pass
		Outer_Full	22.88	/	/	22.88	/	/	<=30	Pass
		Inner_Full	23.87	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	23.62	/	/	<=30	Pass
	Inner_1RB_Right	23.87	/	/	23.87	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.19	/	/	22.19	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	22.48	/	/	<=30	Pass
		Outer_Full	22.97	/	/	22.97	/	/	<=30	Pass
		Inner_Full	23.97	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Left	23.58	/	/	23.58	/	/	<=30	Pass
	Inner_1RB_Right	23.85	/	/	23.85	/	/	<=30	Pass	
	3774.99	Edge_1RB_Left	22.34	/	/	22.34	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	22.36	/	/	<=30	Pass
		Outer_Full	22.98	/	/	22.98	/	/	<=30	Pass
Inner_Full		24.03	/	/	24.03	/	/	<=30	Pass	
Inner_1RB_Left		23.78	/	/	23.78	/	/	<=30	Pass	
Inner_1RB_Right	23.82	/	/	23.82	/	/	<=30	Pass		
CP-OFDM 64 QAM	3725.01	Edge_1RB_Left	22.25	/	/	22.25	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	22.53	/	/	<=30	Pass
		Outer_Full	22.37	/	/	22.37	/	/	<=30	Pass
		Inner_Full	22.40	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	22.31	/	/	22.31	/	/	<=30	Pass
	Inner_1RB_Right	22.53	/	/	22.53	/	/	<=30	Pass	
	3750	Edge_1RB_Left	22.29	/	/	22.29	/	/	<=30	Pass
		Edge_1RB_Right	22.59	/	/	22.59	/	/	<=30	Pass
		Outer_Full	22.44	/	/	22.44	/	/	<=30	Pass
		Inner_Full	22.49	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Left	22.19	/	/	22.19	/	/	<=30	Pass
	Inner_1RB_Right	22.54	/	/	22.54	/	/	<=30	Pass	
	3774.99	Edge_1RB_Left	22.41	/	/	22.41	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	22.36	/	/	<=30	Pass
		Outer_Full	22.50	/	/	22.50	/	/	<=30	Pass
Inner_Full		22.58	/	/	22.58	/	/	<=30	Pass	
Inner_1RB_Left		22.36	/	/	22.36	/	/	<=30	Pass	
Inner_1RB_Right	22.33	/	/	22.33	/	/	<=30	Pass		