

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30k_SISO_20MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Edge_1RB_Left	22.09	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	24.16	/	/	<=30	Pass
		Outer_Full	25.48	/	/	27.18	/	/	<=30	Pass
		Inner_Full	26.00	/	/	27.70	/	/	<=30	Pass
		Inner_1RB_Left	25.73	/	/	27.43	/	/	<=30	Pass
		Inner_1RB_Right	25.93	/	/	27.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.62	/	/	23.32	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	23.89	/	/	<=30	Pass
		Outer_Full	24.93	/	/	26.63	/	/	<=30	Pass
		Inner_Full	25.48	/	/	27.18	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	26.82	/	/	<=30	Pass
		Inner_1RB_Right	25.74	/	/	27.44	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.86	/	/	24.56	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	23.92	/	/	<=30	Pass
		Outer_Full	25.76	/	/	27.46	/	/	<=30	Pass
		Inner_Full	26.19	/	/	27.89	/	/	<=30	Pass
		Inner_1RB_Left	26.35	/	/	28.05	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	27.50	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	22.03	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	24.02	/	/	<=30	Pass
		Outer_Full	25.01	/	/	26.71	/	/	<=30	Pass
		Inner_Full	25.89	/	/	27.59	/	/	<=30	Pass
		Inner_1RB_Left	25.70	/	/	27.40	/	/	<=30	Pass
		Inner_1RB_Right	25.97	/	/	27.67	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.45	/	/	23.15	/	/	<=30	Pass
		Edge_1RB_Right	22.15	/	/	23.85	/	/	<=30	Pass
		Outer_Full	24.42	/	/	26.12	/	/	<=30	Pass
		Inner_Full	25.47	/	/	27.17	/	/	<=30	Pass
		Inner_1RB_Left	25.12	/	/	26.82	/	/	<=30	Pass
		Inner_1RB_Right	25.72	/	/	27.42	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.83	/	/	24.53	/	/	<=30	Pass
		Edge_1RB_Right	22.22	/	/	23.92	/	/	<=30	Pass
		Outer_Full	25.14	/	/	26.84	/	/	<=30	Pass
		Inner_Full	26.27	/	/	27.97	/	/	<=30	Pass
		Inner_1RB_Left	26.31	/	/	28.01	/	/	<=30	Pass
		Inner_1RB_Right	25.68	/	/	27.38	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge_1RB_Left	21.97	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	24.08	/	/	<=30	Pass
		Outer_Full	23.87	/	/	25.57	/	/	<=30	Pass
		Inner_Full	24.79	/	/	26.49	/	/	<=30	Pass
		Inner_1RB_Left	24.50	/	/	26.20	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	26.51	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.46	/	/	23.16	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	23.78	/	/	<=30	Pass
		Outer_Full	23.49	/	/	25.19	/	/	<=30	Pass
		Inner_Full	24.51	/	/	26.21	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	25.67	/	/	<=30	Pass
		Inner_1RB_Right	24.54	/	/	26.24	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.68	/	/	24.38	/	/	<=30	Pass

		Edge 1RB Right	22.13	/	/	23.83	/	/	<=30	Pass
		Outer Full	24.13	/	/	25.83	/	/	<=30	Pass
		Inner Full	25.22	/	/	26.92	/	/	<=30	Pass
		Inner 1RB Left	25.25	/	/	26.95	/	/	<=30	Pass
		Inner 1RB Right	24.56	/	/	26.26	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge 1RB Left	22.11	/	/	23.81	/	/	<=30	Pass
		Edge 1RB Right	22.44	/	/	24.14	/	/	<=30	Pass
		Outer Full	23.33	/	/	25.03	/	/	<=30	Pass
		Inner Full	23.36	/	/	25.06	/	/	<=30	Pass
		Inner 1RB Left	22.94	/	/	24.64	/	/	<=30	Pass
		Inner 1RB Right	23.30	/	/	25.00	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.66	/	/	23.36	/	/	<=30	Pass
		Edge 1RB Right	22.23	/	/	23.93	/	/	<=30	Pass
		Outer Full	23.02	/	/	24.72	/	/	<=30	Pass
		Inner Full	22.99	/	/	24.69	/	/	<=30	Pass
		Inner 1RB Left	22.53	/	/	24.23	/	/	<=30	Pass
		Inner 1RB Right	23.15	/	/	24.85	/	/	<=30	Pass
	3540	Edge 1RB Left	22.83	/	/	24.53	/	/	<=30	Pass
		Edge 1RB Right	22.19	/	/	23.89	/	/	<=30	Pass
		Outer Full	23.67	/	/	25.37	/	/	<=30	Pass
		Inner Full	23.83	/	/	25.53	/	/	<=30	Pass
		Inner 1RB Left	23.76	/	/	25.46	/	/	<=30	Pass
		Inner 1RB Right	23.25	/	/	24.95	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge 1RB Left	21.15	/	/	22.85	/	/	<=30	Pass
		Edge 1RB Right	21.43	/	/	23.13	/	/	<=30	Pass
		Outer Full	21.52	/	/	23.22	/	/	<=30	Pass
		Inner Full	21.56	/	/	23.26	/	/	<=30	Pass
		Inner 1RB Left	21.14	/	/	22.84	/	/	<=30	Pass
		Inner 1RB Right	21.50	/	/	23.20	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.68	/	/	22.38	/	/	<=30	Pass
		Edge 1RB Right	21.26	/	/	22.96	/	/	<=30	Pass
		Outer Full	21.08	/	/	22.78	/	/	<=30	Pass
		Inner Full	20.99	/	/	22.69	/	/	<=30	Pass
		Inner 1RB Left	20.75	/	/	22.45	/	/	<=30	Pass
		Inner 1RB Right	21.16	/	/	22.86	/	/	<=30	Pass
	3540	Edge 1RB Left	21.75	/	/	23.45	/	/	<=30	Pass
		Edge 1RB Right	21.25	/	/	22.95	/	/	<=30	Pass
		Outer Full	21.70	/	/	23.40	/	/	<=30	Pass
		Inner Full	21.77	/	/	23.47	/	/	<=30	Pass
		Inner 1RB Left	21.80	/	/	23.50	/	/	<=30	Pass
		Inner 1RB Right	21.21	/	/	22.91	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge 1RB Left	22.12	/	/	23.82	/	/	<=30	Pass
		Edge 1RB Right	22.48	/	/	24.18	/	/	<=30	Pass
		Outer Full	22.95	/	/	24.65	/	/	<=30	Pass
		Inner Full	24.39	/	/	26.09	/	/	<=30	Pass
		Inner 1RB Left	24.03	/	/	25.73	/	/	<=30	Pass
		Inner 1RB Right	24.36	/	/	26.06	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.70	/	/	23.40	/	/	<=30	Pass
		Edge 1RB Right	22.30	/	/	24.00	/	/	<=30	Pass
		Outer Full	22.53	/	/	24.23	/	/	<=30	Pass
		Inner Full	23.99	/	/	25.69	/	/	<=30	Pass
		Inner 1RB Left	23.63	/	/	25.33	/	/	<=30	Pass
		Inner 1RB Right	24.17	/	/	25.87	/	/	<=30	Pass
	3540	Edge 1RB Left	22.89	/	/	24.59	/	/	<=30	Pass
		Edge 1RB Right	22.25	/	/	23.95	/	/	<=30	Pass
		Outer Full	23.28	/	/	24.98	/	/	<=30	Pass
		Inner Full	24.74	/	/	26.44	/	/	<=30	Pass
		Inner 1RB Left	24.80	/	/	26.50	/	/	<=30	Pass
		Inner 1RB Right	24.27	/	/	25.97	/	/	<=30	Pass

CP-OFDM 16 QAM	3460.02	Edge_1RB_Left	21.92	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	24.07	/	/	<=30	Pass
		Outer_Full	23.01	/	/	24.71	/	/	<=30	Pass
		Inner_Full	23.94	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Left	23.50	/	/	25.20	/	/	<=30	Pass
		Inner_1RB_Right	23.75	/	/	25.45	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.47	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Right	22.04	/	/	23.74	/	/	<=30	Pass
		Outer_Full	22.51	/	/	24.21	/	/	<=30	Pass
		Inner_Full	23.53	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	23.33	/	/	25.03	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.68	/	/	24.38	/	/	<=30	Pass
		Edge_1RB_Right	22.10	/	/	23.80	/	/	<=30	Pass
		Outer_Full	23.20	/	/	24.90	/	/	<=30	Pass
		Inner_Full	24.33	/	/	26.03	/	/	<=30	Pass
		Inner_1RB_Left	24.11	/	/	25.81	/	/	<=30	Pass
		Inner_1RB_Right	23.61	/	/	25.31	/	/	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge_1RB_Left	22.13	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	24.13	/	/	<=30	Pass
		Outer_Full	22.30	/	/	24.00	/	/	<=30	Pass
		Inner_Full	22.40	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Left	22.04	/	/	23.74	/	/	<=30	Pass
		Inner_1RB_Right	22.33	/	/	24.03	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.65	/	/	23.35	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.91	/	/	<=30	Pass
		Outer_Full	22.03	/	/	23.73	/	/	<=30	Pass
		Inner_Full	22.01	/	/	23.71	/	/	<=30	Pass
		Inner_1RB_Left	21.63	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Right	22.12	/	/	23.82	/	/	<=30	Pass
	3540	Edge_1RB_Left	22.85	/	/	24.55	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	23.94	/	/	<=30	Pass
		Outer_Full	22.59	/	/	24.29	/	/	<=30	Pass
		Inner_Full	22.76	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	22.65	/	/	24.35	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	23.95	/	/	<=30	Pass
CP-OFDM 256 QAM	3460.02	Edge_1RB_Left	19.06	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	19.42	/	/	21.12	/	/	<=30	Pass
		Outer_Full	19.55	/	/	21.25	/	/	<=30	Pass
		Inner_Full	19.52	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Left	19.25	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	19.53	/	/	21.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.65	/	/	20.35	/	/	<=30	Pass
		Edge_1RB_Right	19.24	/	/	20.94	/	/	<=30	Pass
		Outer_Full	19.08	/	/	20.78	/	/	<=30	Pass
		Inner_Full	18.99	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Left	18.70	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Right	19.12	/	/	20.82	/	/	<=30	Pass
	3540	Edge_1RB_Left	19.88	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	19.28	/	/	20.98	/	/	<=30	Pass
		Outer_Full	19.71	/	/	21.41	/	/	<=30	Pass
		Inner_Full	19.84	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Left	19.92	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	19.34	/	/	21.04	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_30MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3465	Edge_1RB_Left	22.14	/	/	23.84	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	23.41	/	/	<=30	Pass
		Outer_Full	25.38	/	/	27.08	/	/	<=30	Pass
		Inner_Full	26.00	/	/	27.70	/	/	<=30	Pass
		Inner_1RB_Left	25.76	/	/	27.46	/	/	<=30	Pass
		Inner_1RB_Right	25.27	/	/	26.97	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.57	/	/	23.27	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	23.84	/	/	<=30	Pass
		Outer_Full	24.97	/	/	26.67	/	/	<=30	Pass
		Inner_Full	25.37	/	/	27.07	/	/	<=30	Pass
		Inner_1RB_Left	25.08	/	/	26.78	/	/	<=30	Pass
		Inner_1RB_Right	25.55	/	/	27.25	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.43	/	/	24.13	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	23.98	/	/	<=30	Pass
		Outer_Full	25.79	/	/	27.49	/	/	<=30	Pass
		Inner_Full	26.40	/	/	28.10	/	/	<=30	Pass
		Inner_1RB_Left	26.01	/	/	27.71	/	/	<=30	Pass
		Inner_1RB_Right	25.81	/	/	27.51	/	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Edge_1RB_Left	22.11	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	23.43	/	/	<=30	Pass
		Outer_Full	24.94	/	/	26.64	/	/	<=30	Pass
		Inner_Full	25.99	/	/	27.69	/	/	<=30	Pass
		Inner_1RB_Left	25.60	/	/	27.30	/	/	<=30	Pass
		Inner_1RB_Right	25.26	/	/	26.96	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.42	/	/	23.12	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	23.78	/	/	<=30	Pass
		Outer_Full	24.38	/	/	26.08	/	/	<=30	Pass
		Inner_Full	25.40	/	/	27.10	/	/	<=30	Pass
		Inner_1RB_Left	24.93	/	/	26.63	/	/	<=30	Pass
		Inner_1RB_Right	25.61	/	/	27.31	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.45	/	/	24.15	/	/	<=30	Pass
		Edge_1RB_Right	22.23	/	/	23.93	/	/	<=30	Pass
		Outer_Full	25.41	/	/	27.11	/	/	<=30	Pass
		Inner_Full	26.36	/	/	28.06	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	27.65	/	/	<=30	Pass
		Inner_1RB_Right	25.75	/	/	27.45	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Edge_1RB_Left	22.08	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	23.37	/	/	<=30	Pass
		Outer_Full	23.89	/	/	25.59	/	/	<=30	Pass
		Inner_Full	25.00	/	/	26.70	/	/	<=30	Pass
		Inner_1RB_Left	24.61	/	/	26.31	/	/	<=30	Pass
		Inner_1RB_Right	24.19	/	/	25.89	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.30	/	/	23.00	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	23.56	/	/	<=30	Pass
		Outer_Full	23.39	/	/	25.09	/	/	<=30	Pass
		Inner_Full	24.32	/	/	26.02	/	/	<=30	Pass
		Inner_1RB_Left	23.84	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	26.29	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.38	/	/	24.08	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	23.90	/	/	<=30	Pass
		Outer_Full	24.32	/	/	26.02	/	/	<=30	Pass
		Inner_Full	25.34	/	/	27.04	/	/	<=30	Pass
		Inner_1RB_Left	24.77	/	/	26.47	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	26.29	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Edge_1RB_Left	22.23	/	/	23.93	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	23.39	/	/	<=30	Pass

		Outer_Full	23.37	/	/	25.07	/	/	<=30	Pass
		Inner_Full	23.68	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Left	23.23	/	/	24.93	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	24.41	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.52	/	/	23.22	/	/	<=30	Pass
		Edge_1RB_Right	22.25	/	/	23.95	/	/	<=30	Pass
		Outer_Full	22.94	/	/	24.64	/	/	<=30	Pass
		Inner_Full	22.96	/	/	24.66	/	/	<=30	Pass
		Inner_1RB_Left	22.42	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Right	23.11	/	/	24.81	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.49	/	/	24.19	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	23.89	/	/	<=30	Pass
		Outer_Full	23.68	/	/	25.38	/	/	<=30	Pass
		Inner_Full	23.83	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Left	23.32	/	/	25.02	/	/	<=30	Pass
		Inner_1RB_Right	23.26	/	/	24.96	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Edge_1RB_Left	21.29	/	/	22.99	/	/	<=30	Pass
		Edge_1RB_Right	20.79	/	/	22.49	/	/	<=30	Pass
		Outer_Full	21.53	/	/	23.23	/	/	<=30	Pass
		Inner_Full	21.46	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Left	21.26	/	/	22.96	/	/	<=30	Pass
		Inner_1RB_Right	20.94	/	/	22.64	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.60	/	/	22.30	/	/	<=30	Pass
		Edge_1RB_Right	21.13	/	/	22.83	/	/	<=30	Pass
		Outer_Full	20.96	/	/	22.66	/	/	<=30	Pass
		Inner_Full	21.02	/	/	22.72	/	/	<=30	Pass
		Inner_1RB_Left	20.68	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Right	21.17	/	/	22.87	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	21.47	/	/	23.17	/	/	<=30	Pass
		Edge_1RB_Right	21.24	/	/	22.94	/	/	<=30	Pass
		Outer_Full	21.73	/	/	23.43	/	/	<=30	Pass
		Inner_Full	21.88	/	/	23.58	/	/	<=30	Pass
		Inner_1RB_Left	21.52	/	/	23.22	/	/	<=30	Pass
		Inner_1RB_Right	21.30	/	/	23.00	/	/	<=30	Pass
CP-OFDM QPSK	3465	Edge_1RB_Left	22.24	/	/	23.94	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	23.40	/	/	<=30	Pass
		Outer_Full	22.96	/	/	24.66	/	/	<=30	Pass
		Inner_Full	24.48	/	/	26.18	/	/	<=30	Pass
		Inner_1RB_Left	23.93	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	25.60	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.63	/	/	23.33	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	23.97	/	/	<=30	Pass
		Outer_Full	22.51	/	/	24.21	/	/	<=30	Pass
		Inner_Full	24.02	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Left	23.69	/	/	25.39	/	/	<=30	Pass
		Inner_1RB_Right	24.04	/	/	25.74	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.36	/	/	24.06	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	23.99	/	/	<=30	Pass
		Outer_Full	23.21	/	/	24.91	/	/	<=30	Pass
		Inner_Full	24.88	/	/	26.58	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	25.97	/	/	<=30	Pass
		Inner_1RB_Right	24.41	/	/	26.11	/	/	<=30	Pass
CP-OFDM 16 QAM	3465	Edge_1RB_Left	22.05	/	/	23.75	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	23.37	/	/	<=30	Pass
		Outer_Full	22.87	/	/	24.57	/	/	<=30	Pass
		Inner_Full	24.00	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Left	23.46	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Right	23.30	/	/	25.00	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.50	/	/	23.20	/	/	<=30	Pass

		Edge_1RB_Right	22.15	/	/	23.85	/	/	<=30	Pass
		Outer_Full	22.50	/	/	24.20	/	/	<=30	Pass
		Inner_Full	23.46	/	/	25.16	/	/	<=30	Pass
		Inner_1RB_Left	23.06	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Right	23.65	/	/	25.35	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.03	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	23.81	/	/	<=30	Pass
		Outer_Full	23.16	/	/	24.86	/	/	<=30	Pass
		Inner_Full	24.36	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Left	23.60	/	/	25.30	/	/	<=30	Pass
	Inner_1RB_Right	23.53	/	/	25.23	/	/	<=30	Pass	
CP-OFDM 64 QAM	3465	Edge_1RB_Left	22.03	/	/	23.73	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	23.40	/	/	<=30	Pass
		Outer_Full	22.38	/	/	24.08	/	/	<=30	Pass
		Inner_Full	22.49	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Left	22.17	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Right	21.73	/	/	23.43	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.64	/	/	23.34	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.91	/	/	<=30	Pass
		Outer_Full	22.00	/	/	23.70	/	/	<=30	Pass
		Inner_Full	22.05	/	/	23.75	/	/	<=30	Pass
		Inner_1RB_Left	21.68	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Right	22.26	/	/	23.96	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	22.42	/	/	24.12	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	24.06	/	/	<=30	Pass
		Outer_Full	22.63	/	/	24.33	/	/	<=30	Pass
		Inner_Full	22.76	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Left	22.48	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Right	22.41	/	/	24.11	/	/	<=30	Pass
CP-OFDM 256 QAM	3465	Edge_1RB_Left	19.23	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Right	18.82	/	/	20.52	/	/	<=30	Pass
		Outer_Full	19.41	/	/	21.11	/	/	<=30	Pass
		Inner_Full	19.34	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Left	19.29	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Right	18.75	/	/	20.45	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.65	/	/	20.35	/	/	<=30	Pass
		Edge_1RB_Right	19.21	/	/	20.91	/	/	<=30	Pass
		Outer_Full	19.00	/	/	20.70	/	/	<=30	Pass
		Inner_Full	18.95	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Left	18.77	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	19.42	/	/	21.12	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	19.62	/	/	21.32	/	/	<=30	Pass
		Edge_1RB_Right	19.43	/	/	21.13	/	/	<=30	Pass
		Outer_Full	19.76	/	/	21.46	/	/	<=30	Pass
		Inner_Full	19.82	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	19.52	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	19.30	/	/	21.00	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_40MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Edge_1RB_Left	22.32	/	/	24.02	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	23.39	/	/	<=30	Pass
		Outer_Full	25.22	/	/	26.92	/	/	<=30	Pass

		Inner_Full	25.92	/	/	27.62	/	/	<=30	Pass
		Inner_1RB_Left	25.73	/	/	27.43	/	/	<=30	Pass
		Inner_1RB_Right	25.25	/	/	26.95	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.83	/	/	23.53	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	23.94	/	/	<=30	Pass
		Outer_Full	25.03	/	/	26.73	/	/	<=30	Pass
		Inner_Full	25.44	/	/	27.14	/	/	<=30	Pass
		Inner_1RB_Left	25.28	/	/	26.98	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	27.60	/	/	<=30	Pass
		Edge_1RB_Left	22.25	/	/	23.95	/	/	<=30	Pass
	3529.98	Edge_1RB_Right	22.25	/	/	23.95	/	/	<=30	Pass
		Outer_Full	25.64	/	/	27.34	/	/	<=30	Pass
		Inner_Full	26.15	/	/	27.85	/	/	<=30	Pass
		Inner_1RB_Left	25.78	/	/	27.48	/	/	<=30	Pass
		Inner_1RB_Right	25.70	/	/	27.40	/	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	22.23	/	/	23.93	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	23.34	/	/	<=30	Pass
		Outer_Full	24.74	/	/	26.44	/	/	<=30	Pass
		Inner_Full	25.90	/	/	27.60	/	/	<=30	Pass
		Inner_1RB_Left	25.82	/	/	27.52	/	/	<=30	Pass
		Inner_1RB_Right	24.98	/	/	26.68	/	/	<=30	Pass
		Edge_1RB_Left	21.72	/	/	23.42	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	22.36	/	/	24.06	/	/	<=30	Pass
		Outer_Full	24.53	/	/	26.23	/	/	<=30	Pass
		Inner_Full	25.50	/	/	27.20	/	/	<=30	Pass
		Inner_1RB_Left	25.25	/	/	26.95	/	/	<=30	Pass
		Inner_1RB_Right	25.80	/	/	27.50	/	/	<=30	Pass
		Edge_1RB_Left	22.30	/	/	24.00	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	23.88	/	/	<=30	Pass
	3529.98	Outer_Full	25.18	/	/	26.88	/	/	<=30	Pass
		Inner_Full	26.13	/	/	27.83	/	/	<=30	Pass
		Inner_1RB_Left	25.74	/	/	27.44	/	/	<=30	Pass
		Inner_1RB_Right	25.61	/	/	27.31	/	/	<=30	Pass
		Edge_1RB_Left	22.12	/	/	23.82	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge_1RB_Right	21.51	/	/	23.21	/	/	<=30	Pass
		Outer_Full	23.79	/	/	25.49	/	/	<=30	Pass
		Inner_Full	24.91	/	/	26.61	/	/	<=30	Pass
		Inner_1RB_Left	24.65	/	/	26.35	/	/	<=30	Pass
		Inner_1RB_Right	24.08	/	/	25.78	/	/	<=30	Pass
		Edge_1RB_Left	21.68	/	/	23.38	/	/	<=30	Pass
		Edge_1RB_Right	22.02	/	/	23.72	/	/	<=30	Pass
	3500.01	Outer_Full	23.47	/	/	25.17	/	/	<=30	Pass
		Inner_Full	24.44	/	/	26.14	/	/	<=30	Pass
		Inner_1RB_Left	24.09	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Right	24.52	/	/	26.22	/	/	<=30	Pass
		Edge_1RB_Left	22.32	/	/	24.02	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.91	/	/	<=30	Pass
		Outer_Full	24.07	/	/	25.77	/	/	<=30	Pass
	3529.98	Inner_Full	25.08	/	/	26.78	/	/	<=30	Pass
		Inner_1RB_Left	24.67	/	/	26.37	/	/	<=30	Pass
		Inner_1RB_Right	24.63	/	/	26.33	/	/	<=30	Pass
		Edge_1RB_Left	22.18	/	/	23.88	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	23.34	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	23.25	/	/	24.95	/	/	<=30	Pass
		Inner_Full	23.44	/	/	25.14	/	/	<=30	Pass
		Inner_1RB_Left	23.10	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	24.41	/	/	<=30	Pass
		Edge_1RB_Left	21.73	/	/	23.43	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	23.97	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.73	/	/	23.43	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	23.97	/	/	<=30	Pass

		Outer_Full	23.07	/	/	24.77	/	/	<=30	Pass
		Inner_Full	22.90	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	24.98	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.21	/	/	23.91	/	/	<=30	Pass
		Edge_1RB_Right	22.14	/	/	23.84	/	/	<=30	Pass
		Outer_Full	23.59	/	/	25.29	/	/	<=30	Pass
		Inner_Full	23.65	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Left	23.19	/	/	24.89	/	/	<=30	Pass
		Inner_1RB_Right	23.27	/	/	24.97	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	21.34	/	/	23.04	/	/	<=30	Pass
		Edge_1RB_Right	20.76	/	/	22.46	/	/	<=30	Pass
		Outer_Full	21.44	/	/	23.14	/	/	<=30	Pass
		Inner_Full	21.41	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Left	21.38	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	20.78	/	/	22.48	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.81	/	/	22.51	/	/	<=30	Pass
		Edge_1RB_Right	21.51	/	/	23.21	/	/	<=30	Pass
		Outer_Full	21.07	/	/	22.77	/	/	<=30	Pass
		Inner_Full	20.98	/	/	22.68	/	/	<=30	Pass
		Inner_1RB_Left	20.84	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	21.52	/	/	23.22	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	21.31	/	/	23.01	/	/	<=30	Pass
		Edge_1RB_Right	21.23	/	/	22.93	/	/	<=30	Pass
		Outer_Full	21.46	/	/	23.16	/	/	<=30	Pass
		Inner_Full	21.66	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Left	21.33	/	/	23.03	/	/	<=30	Pass
		Inner_1RB_Right	21.11	/	/	22.81	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Left	22.05	/	/	23.75	/	/	<=30	Pass
		Edge_1RB_Right	21.64	/	/	23.34	/	/	<=30	Pass
		Outer_Full	22.80	/	/	24.50	/	/	<=30	Pass
		Inner_Full	24.41	/	/	26.11	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	25.74	/	/	<=30	Pass
		Inner_1RB_Right	23.53	/	/	25.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.92	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	22.34	/	/	24.04	/	/	<=30	Pass
		Outer_Full	22.58	/	/	24.28	/	/	<=30	Pass
		Inner_Full	24.02	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Left	23.73	/	/	25.43	/	/	<=30	Pass
		Inner_1RB_Right	24.33	/	/	26.03	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.29	/	/	23.99	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	23.89	/	/	<=30	Pass
		Outer_Full	23.02	/	/	24.72	/	/	<=30	Pass
		Inner_Full	24.72	/	/	26.42	/	/	<=30	Pass
		Inner_1RB_Left	24.23	/	/	25.93	/	/	<=30	Pass
		Inner_1RB_Right	24.30	/	/	26.00	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge_1RB_Left	22.16	/	/	23.86	/	/	<=30	Pass
		Edge_1RB_Right	21.45	/	/	23.15	/	/	<=30	Pass
		Outer_Full	22.74	/	/	24.44	/	/	<=30	Pass
		Inner_Full	23.96	/	/	25.66	/	/	<=30	Pass
		Inner_1RB_Left	23.54	/	/	25.24	/	/	<=30	Pass
		Inner_1RB_Right	22.93	/	/	24.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.69	/	/	23.39	/	/	<=30	Pass
		Edge_1RB_Right	22.21	/	/	23.91	/	/	<=30	Pass
		Outer_Full	22.57	/	/	24.27	/	/	<=30	Pass
		Inner_Full	23.48	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	22.99	/	/	24.69	/	/	<=30	Pass
		Inner_1RB_Right	23.60	/	/	25.30	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	22.13	/	/	23.83	/	/	<=30	Pass

		Edge 1RB Right	22.15	/	/	23.85	/	/	<=30	Pass
		Outer_Full	23.05	/	/	24.75	/	/	<=30	Pass
		Inner_Full	24.24	/	/	25.94	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Right	23.63	/	/	25.33	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge 1RB Left	22.28	/	/	23.98	/	/	<=30	Pass
		Edge 1RB Right	21.65	/	/	23.35	/	/	<=30	Pass
		Outer_Full	22.29	/	/	23.99	/	/	<=30	Pass
		Inner_Full	22.50	/	/	24.20	/	/	<=30	Pass
		Inner_1RB Left	22.27	/	/	23.97	/	/	<=30	Pass
		Inner_1RB Right	21.68	/	/	23.38	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.76	/	/	23.46	/	/	<=30	Pass
		Edge 1RB Right	22.39	/	/	24.09	/	/	<=30	Pass
		Outer_Full	22.03	/	/	23.73	/	/	<=30	Pass
		Inner_Full	22.13	/	/	23.83	/	/	<=30	Pass
		Inner_1RB Left	21.83	/	/	23.53	/	/	<=30	Pass
		Inner_1RB Right	22.29	/	/	23.99	/	/	<=30	Pass
	3529.98	Edge 1RB Left	22.21	/	/	23.91	/	/	<=30	Pass
		Edge 1RB Right	22.15	/	/	23.85	/	/	<=30	Pass
		Outer_Full	22.61	/	/	24.31	/	/	<=30	Pass
		Inner_Full	22.68	/	/	24.38	/	/	<=30	Pass
		Inner_1RB Left	22.21	/	/	23.91	/	/	<=30	Pass
		Inner_1RB Right	22.35	/	/	24.05	/	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Edge 1RB Left	19.36	/	/	21.06	/	/	<=30	Pass
		Edge 1RB Right	18.65	/	/	20.35	/	/	<=30	Pass
		Outer_Full	19.45	/	/	21.15	/	/	<=30	Pass
		Inner_Full	19.44	/	/	21.14	/	/	<=30	Pass
		Inner_1RB Left	19.41	/	/	21.11	/	/	<=30	Pass
		Inner_1RB Right	18.71	/	/	20.41	/	/	<=30	Pass
	3500.01	Edge 1RB Left	18.93	/	/	20.63	/	/	<=30	Pass
		Edge 1RB Right	19.37	/	/	21.07	/	/	<=30	Pass
		Outer_Full	19.09	/	/	20.79	/	/	<=30	Pass
		Inner_Full	19.08	/	/	20.78	/	/	<=30	Pass
		Inner_1RB Left	18.93	/	/	20.63	/	/	<=30	Pass
		Inner_1RB Right	19.39	/	/	21.09	/	/	<=30	Pass
	3529.98	Edge 1RB Left	19.40	/	/	21.10	/	/	<=30	Pass
		Edge 1RB Right	19.37	/	/	21.07	/	/	<=30	Pass
		Outer_Full	19.71	/	/	21.41	/	/	<=30	Pass
		Inner_Full	19.78	/	/	21.48	/	/	<=30	Pass
		Inner_1RB Left	19.38	/	/	21.08	/	/	<=30	Pass
		Inner_1RB Right	19.22	/	/	20.92	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_50MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 50MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Edge 1RB Left	21.86	/	/	23.56	/	/	<=30	Pass
		Edge 1RB Right	21.68	/	/	23.38	/	/	<=30	Pass
		Outer Full	24.85	/	/	26.55	/	/	<=30	Pass
		Inner Full	25.42	/	/	27.12	/	/	<=30	Pass
		Inner 1RB Left	25.35	/	/	27.05	/	/	<=30	Pass
		Inner 1RB Right	25.19	/	/	26.89	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.69	/	/	23.39	/	/	<=30	Pass
		Edge 1RB Right	22.23	/	/	23.93	/	/	<=30	Pass
		Outer Full	24.81	/	/	26.51	/	/	<=30	Pass

		Inner_Full	25.22	/	/	26.92	/	/	<=30	Pass
		Inner_1RB_Left	25.11	/	/	26.81	/	/	<=30	Pass
		Inner_1RB_Right	25.70	/	/	27.40	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.74	/	/	23.44	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	23.52	/	/	<=30	Pass
		Outer_Full	25.22	/	/	26.92	/	/	<=30	Pass
		Inner_Full	25.71	/	/	27.41	/	/	<=30	Pass
		Inner_1RB_Left	25.32	/	/	27.02	/	/	<=30	Pass
		Inner_1RB_Right	25.36	/	/	27.06	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Edge_1RB_Left	21.76	/	/	23.46	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	23.39	/	/	<=30	Pass
		Outer_Full	24.42	/	/	26.12	/	/	<=30	Pass
		Inner_Full	25.43	/	/	27.13	/	/	<=30	Pass
		Inner_1RB_Left	25.31	/	/	27.01	/	/	<=30	Pass
		Inner_1RB_Right	25.17	/	/	26.87	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.62	/	/	23.32	/	/	<=30	Pass
		Edge_1RB_Right	22.19	/	/	23.89	/	/	<=30	Pass
		Outer_Full	24.32	/	/	26.02	/	/	<=30	Pass
		Inner_Full	25.22	/	/	26.92	/	/	<=30	Pass
		Inner_1RB_Left	25.21	/	/	26.91	/	/	<=30	Pass
		Inner_1RB_Right	25.82	/	/	27.52	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.76	/	/	23.46	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	23.53	/	/	<=30	Pass
		Outer_Full	24.82	/	/	26.52	/	/	<=30	Pass
		Inner_Full	25.76	/	/	27.46	/	/	<=30	Pass
		Inner_1RB_Left	25.36	/	/	27.06	/	/	<=30	Pass
		Inner_1RB_Right	25.27	/	/	26.97	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Edge_1RB_Left	21.69	/	/	23.39	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	23.32	/	/	<=30	Pass
		Outer_Full	23.37	/	/	25.07	/	/	<=30	Pass
		Inner_Full	24.41	/	/	26.11	/	/	<=30	Pass
		Inner_1RB_Left	24.15	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Right	24.05	/	/	25.75	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.65	/	/	23.35	/	/	<=30	Pass
		Edge_1RB_Right	22.05	/	/	23.75	/	/	<=30	Pass
		Outer_Full	23.38	/	/	25.08	/	/	<=30	Pass
		Inner_Full	24.35	/	/	26.05	/	/	<=30	Pass
		Inner_1RB_Left	24.00	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	24.60	/	/	26.30	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.68	/	/	23.38	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	23.41	/	/	<=30	Pass
		Outer_Full	23.76	/	/	25.46	/	/	<=30	Pass
		Inner_Full	24.72	/	/	26.42	/	/	<=30	Pass
		Inner_1RB_Left	24.10	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Right	24.18	/	/	25.88	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Edge_1RB_Left	21.81	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	21.78	/	/	23.48	/	/	<=30	Pass
		Outer_Full	22.83	/	/	24.53	/	/	<=30	Pass
		Inner_Full	22.97	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Left	22.70	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	24.43	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.60	/	/	23.30	/	/	<=30	Pass
		Edge_1RB_Right	22.32	/	/	24.02	/	/	<=30	Pass
		Outer_Full	22.86	/	/	24.56	/	/	<=30	Pass
		Inner_Full	22.84	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Left	22.61	/	/	24.31	/	/	<=30	Pass
		Inner_1RB_Right	23.36	/	/	25.06	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.85	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	23.64	/	/	<=30	Pass

		Outer_Full	23.20	/	/	24.90	/	/	<=30	Pass
		Inner_Full	23.42	/	/	25.12	/	/	<=30	Pass
		Inner_1RB_Left	22.93	/	/	24.63	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	24.65	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Edge_1RB_Left	20.72	/	/	22.42	/	/	<=30	Pass
		Edge_1RB_Right	20.63	/	/	22.33	/	/	<=30	Pass
		Outer_Full	20.95	/	/	22.65	/	/	<=30	Pass
		Inner_Full	20.91	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Left	20.86	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Right	20.70	/	/	22.40	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.74	/	/	22.44	/	/	<=30	Pass
		Edge_1RB_Right	21.40	/	/	23.10	/	/	<=30	Pass
		Outer_Full	20.99	/	/	22.69	/	/	<=30	Pass
		Inner_Full	20.77	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Left	20.72	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Right	21.27	/	/	22.97	/	/	<=30	Pass
	3525	Edge_1RB_Left	20.74	/	/	22.44	/	/	<=30	Pass
		Edge_1RB_Right	20.81	/	/	22.51	/	/	<=30	Pass
		Outer_Full	21.46	/	/	23.16	/	/	<=30	Pass
		Inner_Full	21.46	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Left	20.94	/	/	22.64	/	/	<=30	Pass
		Inner_1RB_Right	20.99	/	/	22.69	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Edge_1RB_Left	21.77	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Right	21.72	/	/	23.42	/	/	<=30	Pass
		Outer_Full	22.28	/	/	23.98	/	/	<=30	Pass
		Inner_Full	23.93	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	23.49	/	/	25.19	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.74	/	/	23.44	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	23.98	/	/	<=30	Pass
		Outer_Full	22.39	/	/	24.09	/	/	<=30	Pass
		Inner_Full	23.80	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Left	23.80	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	24.28	/	/	25.98	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.90	/	/	23.60	/	/	<=30	Pass
		Edge_1RB_Right	21.88	/	/	23.58	/	/	<=30	Pass
		Outer_Full	22.73	/	/	24.43	/	/	<=30	Pass
		Inner_Full	24.48	/	/	26.18	/	/	<=30	Pass
		Inner_1RB_Left	23.67	/	/	25.37	/	/	<=30	Pass
		Inner_1RB_Right	23.85	/	/	25.55	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Edge_1RB_Left	21.66	/	/	23.36	/	/	<=30	Pass
		Edge_1RB_Right	21.40	/	/	23.10	/	/	<=30	Pass
		Outer_Full	22.38	/	/	24.08	/	/	<=30	Pass
		Inner_Full	23.26	/	/	24.96	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Right	22.85	/	/	24.55	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.74	/	/	23.44	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	23.66	/	/	<=30	Pass
		Outer_Full	22.29	/	/	23.99	/	/	<=30	Pass
		Inner_Full	23.18	/	/	24.88	/	/	<=30	Pass
		Inner_1RB_Left	22.97	/	/	24.67	/	/	<=30	Pass
		Inner_1RB_Right	23.66	/	/	25.36	/	/	<=30	Pass
	3525	Edge_1RB_Left	21.72	/	/	23.42	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	23.56	/	/	<=30	Pass
		Outer_Full	22.81	/	/	24.51	/	/	<=30	Pass
		Inner_Full	23.93	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Left	23.17	/	/	24.87	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	24.90	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Edge_1RB_Left	21.77	/	/	23.47	/	/	<=30	Pass

		Edge 1RB Right	21.56	/	/	23.26	/	/	<=30	Pass
		Outer_Full	21.84	/	/	23.54	/	/	<=30	Pass
		Inner_Full	21.97	/	/	23.67	/	/	<=30	Pass
		Inner_1RB_Left	21.85	/	/	23.55	/	/	<=30	Pass
		Inner_1RB_Right	21.62	/	/	23.32	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.69	/	/	23.39	/	/	<=30	Pass
		Edge 1RB Right	22.10	/	/	23.80	/	/	<=30	Pass
		Outer_Full	21.78	/	/	23.48	/	/	<=30	Pass
		Inner_Full	21.83	/	/	23.53	/	/	<=30	Pass
		Inner_1RB_Left	21.61	/	/	23.31	/	/	<=30	Pass
	3525	Inner_1RB_Right	22.24	/	/	23.94	/	/	<=30	Pass
		Edge 1RB Left	21.79	/	/	23.49	/	/	<=30	Pass
		Edge 1RB Right	22.07	/	/	23.77	/	/	<=30	Pass
		Outer_Full	22.30	/	/	24.00	/	/	<=30	Pass
		Inner_Full	22.47	/	/	24.17	/	/	<=30	Pass
CP-OFDM 256 QAM	3475.02	Inner_1RB_Left	21.76	/	/	23.46	/	/	<=30	Pass
		Inner_1RB_Right	22.00	/	/	23.70	/	/	<=30	Pass
		Edge 1RB Left	18.90	/	/	20.60	/	/	<=30	Pass
		Edge 1RB Right	18.78	/	/	20.48	/	/	<=30	Pass
		Outer_Full	18.89	/	/	20.59	/	/	<=30	Pass
		Inner_Full	19.05	/	/	20.75	/	/	<=30	Pass
	3500.01	Inner_1RB_Left	19.02	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Right	18.73	/	/	20.43	/	/	<=30	Pass
		Edge 1RB Left	18.71	/	/	20.41	/	/	<=30	Pass
		Edge 1RB Right	19.22	/	/	20.92	/	/	<=30	Pass
		Outer_Full	18.88	/	/	20.58	/	/	<=30	Pass
		Inner_Full	18.85	/	/	20.55	/	/	<=30	Pass
	3525	Inner_1RB_Left	18.82	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Right	19.11	/	/	20.81	/	/	<=30	Pass
		Edge 1RB Left	19.18	/	/	20.88	/	/	<=30	Pass
Edge 1RB Right		18.92	/	/	20.62	/	/	<=30	Pass	
Outer_Full		19.39	/	/	21.09	/	/	<=30	Pass	
	Inner_Full	19.67	/	/	21.37	/	/	<=30	Pass	
	Inner_1RB_Left	18.97	/	/	20.67	/	/	<=30	Pass	
	Inner_1RB_Right	18.99	/	/	20.69	/	/	<=30	Pass	
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30k_SISO_60MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 60MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Edge 1RB Left	21.89	/	/	23.59	/	/	<=30	Pass
		Edge 1RB Right	21.88	/	/	23.58	/	/	<=30	Pass
		Outer Full	24.88	/	/	26.58	/	/	<=30	Pass
		Inner Full	25.22	/	/	26.92	/	/	<=30	Pass
		Inner 1RB Left	25.27	/	/	26.97	/	/	<=30	Pass
		Inner 1RB Right	25.38	/	/	27.08	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.16	/	/	23.86	/	/	<=30	Pass
		Edge 1RB Right	22.55	/	/	24.25	/	/	<=30	Pass
		Outer Full	24.92	/	/	26.62	/	/	<=30	Pass
		Inner Full	25.20	/	/	26.90	/	/	<=30	Pass
		Inner 1RB Left	25.52	/	/	27.22	/	/	<=30	Pass
		Inner 1RB Right	25.87	/	/	27.57	/	/	<=30	Pass
	3519.99	Edge 1RB Left	21.42	/	/	23.12	/	/	<=30	Pass
		Edge 1RB Right	21.85	/	/	23.55	/	/	<=30	Pass
		Outer Full	25.21	/	/	26.91	/	/	<=30	Pass

		Inner_Full	25.77	/	/	27.47	/	/	<=30	Pass
		Inner_1RB_Left	25.02	/	/	26.72	/	/	<=30	Pass
		Inner_1RB_Right	25.43	/	/	27.13	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge_1RB_Left	21.76	/	/	23.46	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	23.56	/	/	<=30	Pass
		Outer_Full	24.46	/	/	26.16	/	/	<=30	Pass
		Inner_Full	25.29	/	/	26.99	/	/	<=30	Pass
		Inner_1RB_Left	25.35	/	/	27.05	/	/	<=30	Pass
		Inner_1RB_Right	25.19	/	/	26.89	/	/	<=30	Pass
		Edge_1RB_Left	22.18	/	/	23.88	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	22.44	/	/	24.14	/	/	<=30	Pass
		Outer_Full	24.44	/	/	26.14	/	/	<=30	Pass
		Inner_Full	25.19	/	/	26.89	/	/	<=30	Pass
		Inner_1RB_Left	25.61	/	/	27.31	/	/	<=30	Pass
		Inner_1RB_Right	26.00	/	/	27.70	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.50	/	/	23.20	/	/	<=30	Pass
		Edge_1RB_Right	21.92	/	/	23.62	/	/	<=30	Pass
		Outer_Full	24.74	/	/	26.44	/	/	<=30	Pass
		Inner_Full	25.60	/	/	27.30	/	/	<=30	Pass
		Inner_1RB_Left	24.97	/	/	26.67	/	/	<=30	Pass
		Inner_1RB_Right	25.41	/	/	27.11	/	/	<=30	Pass
		Edge_1RB_Left	21.50	/	/	23.20	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Right	21.80	/	/	23.50	/	/	<=30	Pass
		Outer_Full	23.39	/	/	25.09	/	/	<=30	Pass
		Inner_Full	24.21	/	/	25.91	/	/	<=30	Pass
		Inner_1RB_Left	24.21	/	/	25.91	/	/	<=30	Pass
		Inner_1RB_Right	24.29	/	/	25.99	/	/	<=30	Pass
		Edge_1RB_Left	22.03	/	/	23.73	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	22.39	/	/	24.09	/	/	<=30	Pass
		Outer_Full	23.31	/	/	25.01	/	/	<=30	Pass
		Inner_Full	24.23	/	/	25.93	/	/	<=30	Pass
		Inner_1RB_Left	24.41	/	/	26.11	/	/	<=30	Pass
		Inner_1RB_Right	24.85	/	/	26.55	/	/	<=30	Pass
		Edge_1RB_Left	21.38	/	/	23.08	/	/	<=30	Pass
	3519.99	Edge_1RB_Right	21.87	/	/	23.57	/	/	<=30	Pass
		Outer_Full	23.75	/	/	25.45	/	/	<=30	Pass
		Inner_Full	24.83	/	/	26.53	/	/	<=30	Pass
		Inner_1RB_Left	23.83	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Right	24.26	/	/	25.96	/	/	<=30	Pass
		Edge_1RB_Left	21.78	/	/	23.48	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Right	21.95	/	/	23.65	/	/	<=30	Pass
		Outer_Full	22.97	/	/	24.67	/	/	<=30	Pass
		Inner_Full	22.75	/	/	24.45	/	/	<=30	Pass
		Inner_1RB_Left	22.74	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Right	22.87	/	/	24.57	/	/	<=30	Pass
		Edge_1RB_Left	22.16	/	/	23.86	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	22.42	/	/	24.12	/	/	<=30	Pass
		Outer_Full	22.87	/	/	24.57	/	/	<=30	Pass
		Inner_Full	22.74	/	/	24.44	/	/	<=30	Pass
		Inner_1RB_Left	23.00	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	25.05	/	/	<=30	Pass
		Edge_1RB_Left	21.31	/	/	23.01	/	/	<=30	Pass
	3519.99	Edge_1RB_Right	22.03	/	/	23.73	/	/	<=30	Pass
		Outer_Full	23.20	/	/	24.90	/	/	<=30	Pass
		Inner_Full	23.31	/	/	25.01	/	/	<=30	Pass
		Inner_1RB_Left	22.49	/	/	24.19	/	/	<=30	Pass
		Inner_1RB_Right	22.85	/	/	24.55	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Left	20.91	/	/	22.61	/	/	<=30	Pass
		Edge_1RB_Right	20.92	/	/	22.62	/	/	<=30	Pass

		Outer_Full	21.00	/	/	22.70	/	/	<=30	Pass
		Inner_Full	20.84	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Left	20.83	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Right	21.00	/	/	22.70	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.18	/	/	22.88	/	/	<=30	Pass
		Edge_1RB_Right	21.24	/	/	22.94	/	/	<=30	Pass
		Outer_Full	21.00	/	/	22.70	/	/	<=30	Pass
		Inner_Full	20.70	/	/	22.40	/	/	<=30	Pass
		Inner_1RB_Left	21.09	/	/	22.79	/	/	<=30	Pass
		Inner_1RB_Right	21.45	/	/	23.15	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.52	/	/	22.22	/	/	<=30	Pass
		Edge_1RB_Right	20.97	/	/	22.67	/	/	<=30	Pass
		Outer_Full	21.36	/	/	23.06	/	/	<=30	Pass
		Inner_Full	21.46	/	/	23.16	/	/	<=30	Pass
		Inner_1RB_Left	20.48	/	/	22.18	/	/	<=30	Pass
		Inner_1RB_Right	20.97	/	/	22.67	/	/	<=30	Pass
CP-OFDM QPSK	3480	Edge_1RB_Left	21.85	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	21.93	/	/	23.63	/	/	<=30	Pass
		Outer_Full	22.44	/	/	24.14	/	/	<=30	Pass
		Inner_Full	23.80	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Left	23.91	/	/	25.61	/	/	<=30	Pass
		Inner_1RB_Right	24.13	/	/	25.83	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.27	/	/	23.97	/	/	<=30	Pass
		Edge_1RB_Right	22.58	/	/	24.28	/	/	<=30	Pass
		Outer_Full	22.37	/	/	24.07	/	/	<=30	Pass
		Inner_Full	23.78	/	/	25.48	/	/	<=30	Pass
		Inner_1RB_Left	24.00	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	24.26	/	/	25.96	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.42	/	/	23.12	/	/	<=30	Pass
		Edge_1RB_Right	21.96	/	/	23.66	/	/	<=30	Pass
		Outer_Full	22.77	/	/	24.47	/	/	<=30	Pass
		Inner_Full	24.36	/	/	26.06	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Right	23.84	/	/	25.54	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge_1RB_Left	21.69	/	/	23.39	/	/	<=30	Pass
		Edge_1RB_Right	21.85	/	/	23.55	/	/	<=30	Pass
		Outer_Full	22.45	/	/	24.15	/	/	<=30	Pass
		Inner_Full	23.37	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Left	23.25	/	/	24.95	/	/	<=30	Pass
		Inner_1RB_Right	23.29	/	/	24.99	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.06	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	22.44	/	/	24.14	/	/	<=30	Pass
		Outer_Full	22.39	/	/	24.09	/	/	<=30	Pass
		Inner_Full	23.37	/	/	25.07	/	/	<=30	Pass
		Inner_1RB_Left	23.40	/	/	25.10	/	/	<=30	Pass
		Inner_1RB_Right	23.69	/	/	25.39	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.20	/	/	22.90	/	/	<=30	Pass
		Edge_1RB_Right	21.76	/	/	23.46	/	/	<=30	Pass
		Outer_Full	22.82	/	/	24.52	/	/	<=30	Pass
		Inner_Full	23.72	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Left	22.88	/	/	24.58	/	/	<=30	Pass
		Inner_1RB_Right	23.22	/	/	24.92	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Edge_1RB_Left	21.96	/	/	23.66	/	/	<=30	Pass
		Edge_1RB_Right	22.08	/	/	23.78	/	/	<=30	Pass
		Outer_Full	22.02	/	/	23.72	/	/	<=30	Pass
		Inner_Full	21.80	/	/	23.50	/	/	<=30	Pass
		Inner_1RB_Left	21.91	/	/	23.61	/	/	<=30	Pass
		Inner_1RB_Right	21.95	/	/	23.65	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.08	/	/	23.78	/	/	<=30	Pass

		Edge_1RB_Right	22.45	/	/	24.15	/	/	<=30	Pass
		Outer_Full	21.90	/	/	23.60	/	/	<=30	Pass
		Inner_Full	21.81	/	/	23.51	/	/	<=30	Pass
		Inner_1RB_Left	22.14	/	/	23.84	/	/	<=30	Pass
		Inner_1RB_Right	22.43	/	/	24.13	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	21.48	/	/	23.18	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	23.53	/	/	<=30	Pass
		Outer_Full	22.35	/	/	24.05	/	/	<=30	Pass
		Inner_Full	22.38	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Left	21.27	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Right	21.94	/	/	23.64	/	/	<=30	Pass
	CP-OFDM 256 QAM	3480	Edge_1RB_Left	18.99	/	/	20.69	/	/	<=30
Edge_1RB_Right			19.03	/	/	20.73	/	/	<=30	Pass
Outer_Full			19.01	/	/	20.71	/	/	<=30	Pass
Inner_Full			18.96	/	/	20.66	/	/	<=30	Pass
Inner_1RB_Left			19.02	/	/	20.72	/	/	<=30	Pass
Inner_1RB_Right			19.08	/	/	20.78	/	/	<=30	Pass
3500.01		Edge_1RB_Left	19.24	/	/	20.94	/	/	<=30	Pass
		Edge_1RB_Right	19.53	/	/	21.23	/	/	<=30	Pass
		Outer_Full	19.11	/	/	20.81	/	/	<=30	Pass
		Inner_Full	18.83	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Left	19.25	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	19.43	/	/	21.13	/	/	<=30	Pass
3519.99		Edge_1RB_Left	18.60	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	19.14	/	/	20.84	/	/	<=30	Pass
		Outer_Full	19.39	/	/	21.09	/	/	<=30	Pass
		Inner_Full	19.15	/	/	20.85	/	/	<=30	Pass
		Inner_1RB_Left	18.60	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Right	19.15	/	/	20.85	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 30k_SISO_70MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 70MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3485.01	Edge_1RB_Left	21.83	/	/	23.53	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	23.56	/	/	<=30	Pass
		Outer_Full	24.67	/	/	26.37	/	/	<=30	Pass
		Inner_Full	24.98	/	/	26.68	/	/	<=30	Pass
		Inner_1RB_Left	25.26	/	/	26.96	/	/	<=30	Pass
		Inner_1RB_Right	25.30	/	/	27.00	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.15	/	/	23.85	/	/	<=30	Pass
		Edge_1RB_Right	22.47	/	/	24.17	/	/	<=30	Pass
		Outer_Full	24.80	/	/	26.50	/	/	<=30	Pass
		Inner_Full	25.14	/	/	26.84	/	/	<=30	Pass
		Inner_1RB_Left	25.69	/	/	27.39	/	/	<=30	Pass
		Inner_1RB_Right	25.89	/	/	27.59	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.35	/	/	23.05	/	/	<=30	Pass
		Edge_1RB_Right	21.75	/	/	23.45	/	/	<=30	Pass
		Outer_Full	25.02	/	/	26.72	/	/	<=30	Pass
		Inner_Full	25.42	/	/	27.12	/	/	<=30	Pass
		Inner_1RB_Left	24.80	/	/	26.50	/	/	<=30	Pass
		Inner_1RB_Right	25.39	/	/	27.09	/	/	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Edge_1RB_Left	21.75	/	/	23.45	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	23.49	/	/	<=30	Pass
		Outer_Full	24.21	/	/	25.91	/	/	<=30	Pass

		Inner_Full	24.95	/	/	26.65	/	/	<=30	Pass
		Inner_1RB_Left	25.35	/	/	27.05	/	/	<=30	Pass
		Inner_1RB_Right	25.18	/	/	26.88	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.09	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	22.38	/	/	24.08	/	/	<=30	Pass
		Outer_Full	24.28	/	/	25.98	/	/	<=30	Pass
		Inner_Full	25.07	/	/	26.77	/	/	<=30	Pass
		Inner_1RB_Left	25.63	/	/	27.33	/	/	<=30	Pass
		Inner_1RB_Right	25.99	/	/	27.69	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.31	/	/	23.01	/	/	<=30	Pass
		Edge_1RB_Right	21.76	/	/	23.46	/	/	<=30	Pass
		Outer_Full	24.52	/	/	26.22	/	/	<=30	Pass
		Inner_Full	25.48	/	/	27.18	/	/	<=30	Pass
		Inner_1RB_Left	24.82	/	/	26.52	/	/	<=30	Pass
		Inner_1RB_Right	25.31	/	/	27.01	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Edge_1RB_Left	21.53	/	/	23.23	/	/	<=30	Pass
		Edge_1RB_Right	21.73	/	/	23.43	/	/	<=30	Pass
		Outer_Full	23.20	/	/	24.90	/	/	<=30	Pass
		Inner_Full	23.98	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Left	24.21	/	/	25.91	/	/	<=30	Pass
		Inner_1RB_Right	24.13	/	/	25.83	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.11	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Right	22.37	/	/	24.07	/	/	<=30	Pass
		Outer_Full	23.31	/	/	25.01	/	/	<=30	Pass
		Inner_Full	24.04	/	/	25.74	/	/	<=30	Pass
		Inner_1RB_Left	24.46	/	/	26.16	/	/	<=30	Pass
		Inner_1RB_Right	24.72	/	/	26.42	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.19	/	/	22.89	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	23.38	/	/	<=30	Pass
		Outer_Full	23.45	/	/	25.15	/	/	<=30	Pass
		Inner_Full	24.49	/	/	26.19	/	/	<=30	Pass
		Inner_1RB_Left	23.68	/	/	25.38	/	/	<=30	Pass
		Inner_1RB_Right	24.16	/	/	25.86	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	21.69	/	/	23.39	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	23.40	/	/	<=30	Pass
		Outer_Full	22.80	/	/	24.50	/	/	<=30	Pass
		Inner_Full	22.57	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	22.73	/	/	24.43	/	/	<=30	Pass
		Inner_1RB_Right	22.69	/	/	24.39	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.11	/	/	23.81	/	/	<=30	Pass
		Edge_1RB_Right	22.17	/	/	23.87	/	/	<=30	Pass
		Outer_Full	22.72	/	/	24.42	/	/	<=30	Pass
		Inner_Full	22.50	/	/	24.20	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Right	23.28	/	/	24.98	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.36	/	/	23.06	/	/	<=30	Pass
		Edge_1RB_Right	21.74	/	/	23.44	/	/	<=30	Pass
		Outer_Full	23.06	/	/	24.76	/	/	<=30	Pass
		Inner_Full	23.05	/	/	24.75	/	/	<=30	Pass
		Inner_1RB_Left	22.17	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Right	22.87	/	/	24.57	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	20.85	/	/	22.55	/	/	<=30	Pass
		Edge_1RB_Right	20.78	/	/	22.48	/	/	<=30	Pass
		Outer_Full	20.74	/	/	22.44	/	/	<=30	Pass
		Inner_Full	20.53	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	20.78	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Right	20.76	/	/	22.46	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.20	/	/	22.90	/	/	<=30	Pass
		Edge_1RB_Right	21.37	/	/	23.07	/	/	<=30	Pass

		Outer_Full	20.83	/	/	22.53	/	/	<=30	Pass
		Inner_Full	20.59	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Left	21.17	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Right	21.42	/	/	23.12	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.29	/	/	21.99	/	/	<=30	Pass
		Edge_1RB_Right	20.86	/	/	22.56	/	/	<=30	Pass
		Outer_Full	20.94	/	/	22.64	/	/	<=30	Pass
		Inner_Full	20.95	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Left	20.28	/	/	21.98	/	/	<=30	Pass
		Inner_1RB_Right	20.78	/	/	22.48	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	21.77	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Right	21.70	/	/	23.40	/	/	<=30	Pass
		Outer_Full	22.25	/	/	23.95	/	/	<=30	Pass
		Inner_Full	23.57	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Left	24.02	/	/	25.72	/	/	<=30	Pass
		Inner_1RB_Right	23.91	/	/	25.61	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.17	/	/	23.87	/	/	<=30	Pass
		Edge_1RB_Right	22.35	/	/	24.05	/	/	<=30	Pass
		Outer_Full	22.33	/	/	24.03	/	/	<=30	Pass
		Inner_Full	23.56	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	25.97	/	/	<=30	Pass
		Inner_1RB_Right	24.43	/	/	26.13	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.46	/	/	23.16	/	/	<=30	Pass
		Edge_1RB_Right	21.95	/	/	23.65	/	/	<=30	Pass
		Outer_Full	22.51	/	/	24.21	/	/	<=30	Pass
		Inner_Full	23.93	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	24.86	/	/	<=30	Pass
		Inner_1RB_Right	23.87	/	/	25.57	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge_1RB_Left	21.58	/	/	23.28	/	/	<=30	Pass
		Edge_1RB_Right	21.54	/	/	23.24	/	/	<=30	Pass
		Outer_Full	22.19	/	/	23.89	/	/	<=30	Pass
		Inner_Full	23.07	/	/	24.77	/	/	<=30	Pass
		Inner_1RB_Left	22.89	/	/	24.59	/	/	<=30	Pass
		Inner_1RB_Right	23.21	/	/	24.91	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.08	/	/	23.78	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	23.94	/	/	<=30	Pass
		Outer_Full	22.24	/	/	23.94	/	/	<=30	Pass
		Inner_Full	23.08	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Left	23.62	/	/	25.32	/	/	<=30	Pass
		Inner_1RB_Right	23.82	/	/	25.52	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.21	/	/	22.91	/	/	<=30	Pass
		Edge_1RB_Right	21.71	/	/	23.41	/	/	<=30	Pass
		Outer_Full	22.61	/	/	24.31	/	/	<=30	Pass
		Inner_Full	23.55	/	/	25.25	/	/	<=30	Pass
		Inner_1RB_Left	22.67	/	/	24.37	/	/	<=30	Pass
		Inner_1RB_Right	23.25	/	/	24.95	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	21.81	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	21.86	/	/	23.56	/	/	<=30	Pass
		Outer_Full	21.79	/	/	23.49	/	/	<=30	Pass
		Inner_Full	21.57	/	/	23.27	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	23.38	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.26	/	/	23.96	/	/	<=30	Pass
		Edge_1RB_Right	22.55	/	/	24.25	/	/	<=30	Pass
		Outer_Full	21.80	/	/	23.50	/	/	<=30	Pass
		Inner_Full	21.63	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	22.30	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	24.41	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	21.35	/	/	23.05	/	/	<=30	Pass

		Edge 1RB Right	21.84	/	/	23.54	/	/	<=30	Pass
		Outer_Full	21.99	/	/	23.69	/	/	<=30	Pass
		Inner_Full	22.17	/	/	23.87	/	/	<=30	Pass
		Inner_1RB_Left	21.40	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	22.06	/	/	23.76	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	18.82	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	18.82	/	/	20.52	/	/	<=30	Pass
		Outer_Full	18.82	/	/	20.52	/	/	<=30	Pass
		Inner_Full	18.67	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Left	18.82	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Right	18.89	/	/	20.59	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.34	/	/	21.04	/	/	<=30	Pass
		Edge_1RB_Right	19.57	/	/	21.27	/	/	<=30	Pass
		Outer_Full	18.82	/	/	20.52	/	/	<=30	Pass
		Inner_Full	18.82	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Left	19.26	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Right	19.58	/	/	21.28	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	18.45	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	18.94	/	/	20.64	/	/	<=30	Pass
		Outer_Full	19.05	/	/	20.75	/	/	<=30	Pass
Inner_Full		19.05	/	/	20.75	/	/	<=30	Pass	
Inner_1RB_Left		18.35	/	/	20.05	/	/	<=30	Pass	
		Inner_1RB_Right	18.90	/	/	20.60	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30k_SISO_80MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Edge 1RB Left	21.80	/	/	23.50	/	/	<=30	Pass
		Edge 1RB Right	22.35	/	/	24.05	/	/	<=30	Pass
		Outer_Full	24.80	/	/	26.50	/	/	<=30	Pass
		Inner_Full	25.10	/	/	26.80	/	/	<=30	Pass
		Inner_1RB_Left	25.15	/	/	26.85	/	/	<=30	Pass
		Inner_1RB_Right	25.90	/	/	27.60	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.22	/	/	23.92	/	/	<=30	Pass
		Edge 1RB Right	22.34	/	/	24.04	/	/	<=30	Pass
		Outer_Full	24.85	/	/	26.55	/	/	<=30	Pass
		Inner_Full	25.17	/	/	26.87	/	/	<=30	Pass
		Inner_1RB_Left	25.74	/	/	27.44	/	/	<=30	Pass
		Inner_1RB_Right	25.86	/	/	27.56	/	/	<=30	Pass
	3510	Edge 1RB Left	21.88	/	/	23.58	/	/	<=30	Pass
		Edge 1RB Right	21.74	/	/	23.44	/	/	<=30	Pass
		Outer_Full	24.91	/	/	26.61	/	/	<=30	Pass
		Inner_Full	25.28	/	/	26.98	/	/	<=30	Pass
		Inner_1RB_Left	25.27	/	/	26.97	/	/	<=30	Pass
		Inner_1RB_Right	25.18	/	/	26.88	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge 1RB Left	21.76	/	/	23.46	/	/	<=30	Pass
		Edge 1RB Right	22.32	/	/	24.02	/	/	<=30	Pass
		Outer_Full	24.37	/	/	26.07	/	/	<=30	Pass
		Inner_Full	25.09	/	/	26.79	/	/	<=30	Pass
		Inner_1RB_Left	25.27	/	/	26.97	/	/	<=30	Pass
		Inner_1RB_Right	25.76	/	/	27.46	/	/	<=30	Pass
	3500.01	Edge 1RB Left	22.22	/	/	23.92	/	/	<=30	Pass
		Edge 1RB Right	22.39	/	/	24.09	/	/	<=30	Pass
		Outer_Full	24.41	/	/	26.11	/	/	<=30	Pass

		Inner_Full	25.02	/	/	26.72	/	/	<=30	Pass
		Inner_1RB_Left	25.71	/	/	27.41	/	/	<=30	Pass
		Inner_1RB_Right	25.79	/	/	27.49	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.86	/	/	23.56	/	/	<=30	Pass
		Edge_1RB_Right	21.67	/	/	23.37	/	/	<=30	Pass
		Outer_Full	24.40	/	/	26.10	/	/	<=30	Pass
		Inner_Full	25.28	/	/	26.98	/	/	<=30	Pass
		Inner_1RB_Left	25.27	/	/	26.97	/	/	<=30	Pass
		Inner_1RB_Right	25.07	/	/	26.77	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge_1RB_Left	21.64	/	/	23.34	/	/	<=30	Pass
		Edge_1RB_Right	22.24	/	/	23.94	/	/	<=30	Pass
		Outer_Full	23.37	/	/	25.07	/	/	<=30	Pass
		Inner_Full	24.15	/	/	25.85	/	/	<=30	Pass
		Inner_1RB_Left	24.00	/	/	25.70	/	/	<=30	Pass
		Inner_1RB_Right	24.63	/	/	26.33	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.16	/	/	23.86	/	/	<=30	Pass
		Edge_1RB_Right	22.20	/	/	23.90	/	/	<=30	Pass
		Outer_Full	23.41	/	/	25.11	/	/	<=30	Pass
		Inner_Full	24.10	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Left	24.53	/	/	26.23	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	26.40	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.81	/	/	23.51	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	23.38	/	/	<=30	Pass
		Outer_Full	23.34	/	/	25.04	/	/	<=30	Pass
		Inner_Full	24.31	/	/	26.01	/	/	<=30	Pass
		Inner_1RB_Left	24.42	/	/	26.12	/	/	<=30	Pass
		Inner_1RB_Right	24.09	/	/	25.79	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB_Left	21.70	/	/	23.40	/	/	<=30	Pass
		Edge_1RB_Right	22.50	/	/	24.20	/	/	<=30	Pass
		Outer_Full	22.84	/	/	24.54	/	/	<=30	Pass
		Inner_Full	22.56	/	/	24.26	/	/	<=30	Pass
		Inner_1RB_Left	22.72	/	/	24.42	/	/	<=30	Pass
		Inner_1RB_Right	23.35	/	/	25.05	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.12	/	/	23.82	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	24.19	/	/	<=30	Pass
		Outer_Full	22.86	/	/	24.56	/	/	<=30	Pass
		Inner_Full	22.57	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	23.08	/	/	24.78	/	/	<=30	Pass
		Inner_1RB_Right	23.16	/	/	24.86	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.90	/	/	23.60	/	/	<=30	Pass
		Edge_1RB_Right	21.84	/	/	23.54	/	/	<=30	Pass
		Outer_Full	22.85	/	/	24.55	/	/	<=30	Pass
		Inner_Full	22.80	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Left	22.80	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Right	22.78	/	/	24.48	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge_1RB_Left	20.69	/	/	22.39	/	/	<=30	Pass
		Edge_1RB_Right	21.19	/	/	22.89	/	/	<=30	Pass
		Outer_Full	20.87	/	/	22.57	/	/	<=30	Pass
		Inner_Full	20.68	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Left	20.81	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Right	21.28	/	/	22.98	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.07	/	/	22.77	/	/	<=30	Pass
		Edge_1RB_Right	21.35	/	/	23.05	/	/	<=30	Pass
		Outer_Full	20.87	/	/	22.57	/	/	<=30	Pass
		Inner_Full	20.58	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Left	21.10	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Right	21.36	/	/	23.06	/	/	<=30	Pass
	3510	Edge_1RB_Left	20.93	/	/	22.63	/	/	<=30	Pass
		Edge_1RB_Right	20.69	/	/	22.39	/	/	<=30	Pass

		Outer_Full	20.81	/	/	22.51	/	/	<=30	Pass
		Inner_Full	20.81	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	20.86	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Right	20.84	/	/	22.54	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge_1RB_Left	21.77	/	/	23.47	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	24.15	/	/	<=30	Pass
		Outer_Full	22.35	/	/	24.05	/	/	<=30	Pass
		Inner_Full	23.53	/	/	25.23	/	/	<=30	Pass
		Inner_1RB_Left	23.72	/	/	25.42	/	/	<=30	Pass
		Inner_1RB_Right	24.27	/	/	25.97	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.13	/	/	23.83	/	/	<=30	Pass
		Edge_1RB_Right	22.13	/	/	23.83	/	/	<=30	Pass
		Outer_Full	22.35	/	/	24.05	/	/	<=30	Pass
		Inner_Full	23.67	/	/	25.37	/	/	<=30	Pass
		Inner_1RB_Left	23.98	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Right	24.36	/	/	26.06	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.92	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	21.83	/	/	23.53	/	/	<=30	Pass
		Outer_Full	22.28	/	/	23.98	/	/	<=30	Pass
		Inner_Full	23.83	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Left	23.94	/	/	25.64	/	/	<=30	Pass
		Inner_1RB_Right	23.71	/	/	25.41	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge_1RB_Left	21.60	/	/	23.30	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	23.81	/	/	<=30	Pass
		Outer_Full	22.38	/	/	24.08	/	/	<=30	Pass
		Inner_Full	23.10	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	25.43	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.94	/	/	23.64	/	/	<=30	Pass
		Edge_1RB_Right	22.36	/	/	24.06	/	/	<=30	Pass
		Outer_Full	22.26	/	/	23.96	/	/	<=30	Pass
		Inner_Full	23.03	/	/	24.73	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Right	23.72	/	/	25.42	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.85	/	/	23.55	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	23.38	/	/	<=30	Pass
		Outer_Full	22.32	/	/	24.02	/	/	<=30	Pass
		Inner_Full	23.36	/	/	25.06	/	/	<=30	Pass
		Inner_1RB_Left	23.39	/	/	25.09	/	/	<=30	Pass
		Inner_1RB_Right	23.21	/	/	24.91	/	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	21.74	/	/	23.44	/	/	<=30	Pass
		Edge_1RB_Right	22.33	/	/	24.03	/	/	<=30	Pass
		Outer_Full	21.87	/	/	23.57	/	/	<=30	Pass
		Inner_Full	21.66	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Left	21.84	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Right	22.21	/	/	23.91	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.25	/	/	23.95	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	24.16	/	/	<=30	Pass
		Outer_Full	21.80	/	/	23.50	/	/	<=30	Pass
		Inner_Full	21.55	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	22.27	/	/	23.97	/	/	<=30	Pass
		Inner_1RB_Right	22.44	/	/	24.14	/	/	<=30	Pass
	3510	Edge_1RB_Left	21.90	/	/	23.60	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	23.49	/	/	<=30	Pass
		Outer_Full	21.93	/	/	23.63	/	/	<=30	Pass
		Inner_Full	21.84	/	/	23.54	/	/	<=30	Pass
		Inner_1RB_Left	21.86	/	/	23.56	/	/	<=30	Pass
		Inner_1RB_Right	21.94	/	/	23.64	/	/	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	18.92	/	/	20.62	/	/	<=30	Pass

		Edge 1RB Right	19.53	/	/	21.23	/	/	<=30	Pass
		Outer_Full	18.89	/	/	20.59	/	/	<=30	Pass
		Inner_Full	18.75	/	/	20.45	/	/	<=30	Pass
		Inner_1RB Left	18.91	/	/	20.61	/	/	<=30	Pass
		Inner_1RB Right	19.44	/	/	21.14	/	/	<=30	Pass
	3500.01	Edge 1RB Left	19.37	/	/	21.07	/	/	<=30	Pass
		Edge 1RB Right	19.35	/	/	21.05	/	/	<=30	Pass
		Outer_Full	19.07	/	/	20.77	/	/	<=30	Pass
		Inner_Full	18.82	/	/	20.52	/	/	<=30	Pass
		Inner_1RB Left	19.38	/	/	21.08	/	/	<=30	Pass
	3510	Inner_1RB Right	19.49	/	/	21.19	/	/	<=30	Pass
		Edge 1RB Left	19.12	/	/	20.82	/	/	<=30	Pass
		Edge 1RB Right	18.88	/	/	20.58	/	/	<=30	Pass
		Outer_Full	19.02	/	/	20.72	/	/	<=30	Pass
		Inner_Full	18.94	/	/	20.64	/	/	<=30	Pass
		Inner_1RB Left	19.03	/	/	20.73	/	/	<=30	Pass
	Inner_1RB Right	18.85	/	/	20.55	/	/	<=30	Pass	
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30k_SISO_90MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Edge 1RB Left	21.69	/	/	23.39	/	/	<=30	Pass
		Edge 1RB Right	22.37	/	/	24.07	/	/	<=30	Pass
		Outer Full	24.89	/	/	26.59	/	/	<=30	Pass
		Inner Full	25.05	/	/	26.75	/	/	<=30	Pass
		Inner 1RB Left	25.06	/	/	26.76	/	/	<=30	Pass
		Inner 1RB Right	25.86	/	/	27.56	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.92	/	/	23.62	/	/	<=30	Pass
		Edge 1RB Right	22.15	/	/	23.85	/	/	<=30	Pass
		Outer Full	24.91	/	/	26.61	/	/	<=30	Pass
		Inner Full	25.02	/	/	26.72	/	/	<=30	Pass
		Inner 1RB Left	25.51	/	/	27.21	/	/	<=30	Pass
		Inner 1RB Right	25.63	/	/	27.33	/	/	<=30	Pass
	3504.99	Edge 1RB Left	22.18	/	/	23.88	/	/	<=30	Pass
		Edge 1RB Right	21.82	/	/	23.52	/	/	<=30	Pass
		Outer Full	25.00	/	/	26.70	/	/	<=30	Pass
		Inner Full	25.18	/	/	26.88	/	/	<=30	Pass
		Inner 1RB Left	25.66	/	/	27.36	/	/	<=30	Pass
		Inner 1RB Right	25.41	/	/	27.11	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Edge 1RB Left	21.67	/	/	23.37	/	/	<=30	Pass
		Edge 1RB Right	22.38	/	/	24.08	/	/	<=30	Pass
		Outer Full	24.41	/	/	26.11	/	/	<=30	Pass
		Inner Full	25.05	/	/	26.75	/	/	<=30	Pass
		Inner 1RB Left	25.19	/	/	26.89	/	/	<=30	Pass
		Inner 1RB Right	25.83	/	/	27.53	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.94	/	/	23.64	/	/	<=30	Pass
		Edge 1RB Right	22.12	/	/	23.82	/	/	<=30	Pass
		Outer Full	24.47	/	/	26.17	/	/	<=30	Pass
		Inner Full	25.04	/	/	26.74	/	/	<=30	Pass
		Inner 1RB Left	25.36	/	/	27.06	/	/	<=30	Pass
		Inner 1RB Right	25.58	/	/	27.28	/	/	<=30	Pass
	3504.99	Edge 1RB Left	22.18	/	/	23.88	/	/	<=30	Pass
		Edge 1RB Right	21.80	/	/	23.50	/	/	<=30	Pass
		Outer Full	24.39	/	/	26.09	/	/	<=30	Pass

		Inner_Full	25.19	/	/	26.89	/	/	<=30	Pass
		Inner_1RB_Left	25.67	/	/	27.37	/	/	<=30	Pass
		Inner_1RB_Right	25.36	/	/	27.06	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge_1RB_Left	21.55	/	/	23.25	/	/	<=30	Pass
		Edge_1RB_Right	22.28	/	/	23.98	/	/	<=30	Pass
		Outer_Full	23.24	/	/	24.94	/	/	<=30	Pass
		Inner_Full	24.16	/	/	25.86	/	/	<=30	Pass
		Inner_1RB_Left	24.09	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Right	24.71	/	/	26.41	/	/	<=30	Pass
		Edge_1RB_Left	21.78	/	/	23.48	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	21.84	/	/	23.54	/	/	<=30	Pass
		Outer_Full	23.34	/	/	25.04	/	/	<=30	Pass
		Inner_Full	24.07	/	/	25.77	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	25.97	/	/	<=30	Pass
		Inner_1RB_Right	24.44	/	/	26.14	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.97	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	23.51	/	/	<=30	Pass
		Outer_Full	23.45	/	/	25.15	/	/	<=30	Pass
		Inner_Full	24.22	/	/	25.92	/	/	<=30	Pass
		Inner_1RB_Left	24.43	/	/	26.13	/	/	<=30	Pass
		Inner_1RB_Right	24.19	/	/	25.89	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	21.57	/	/	23.27	/	/	<=30	Pass
		Edge_1RB_Right	22.29	/	/	23.99	/	/	<=30	Pass
		Outer_Full	22.84	/	/	24.54	/	/	<=30	Pass
		Inner_Full	22.64	/	/	24.34	/	/	<=30	Pass
		Inner_1RB_Left	22.66	/	/	24.36	/	/	<=30	Pass
		Inner_1RB_Right	23.31	/	/	25.01	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.99	/	/	23.69	/	/	<=30	Pass
		Edge_1RB_Right	22.18	/	/	23.88	/	/	<=30	Pass
		Outer_Full	22.86	/	/	24.56	/	/	<=30	Pass
		Inner_Full	22.58	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Left	22.78	/	/	24.48	/	/	<=30	Pass
	3504.99	Inner_1RB_Right	23.01	/	/	24.71	/	/	<=30	Pass
		Edge_1RB_Left	22.02	/	/	23.72	/	/	<=30	Pass
		Edge_1RB_Right	21.94	/	/	23.64	/	/	<=30	Pass
		Outer_Full	22.90	/	/	24.60	/	/	<=30	Pass
		Inner_Full	22.70	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	24.73	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Inner_1RB_Right	22.85	/	/	24.55	/	/	<=30	Pass
		Edge_1RB_Left	20.66	/	/	22.36	/	/	<=30	Pass
		Edge_1RB_Right	21.44	/	/	23.14	/	/	<=30	Pass
		Outer_Full	20.89	/	/	22.59	/	/	<=30	Pass
		Inner_Full	20.57	/	/	22.27	/	/	<=30	Pass
		Inner_1RB_Left	20.66	/	/	22.36	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	21.31	/	/	23.01	/	/	<=30	Pass
		Edge_1RB_Left	20.86	/	/	22.56	/	/	<=30	Pass
		Edge_1RB_Right	21.10	/	/	22.80	/	/	<=30	Pass
		Outer_Full	20.93	/	/	22.63	/	/	<=30	Pass
		Inner_Full	20.53	/	/	22.23	/	/	<=30	Pass
		Inner_1RB_Left	20.85	/	/	22.55	/	/	<=30	Pass
	3504.99	Inner_1RB_Right	21.12	/	/	22.82	/	/	<=30	Pass
		Edge_1RB_Left	21.04	/	/	22.74	/	/	<=30	Pass
		Edge_1RB_Right	20.80	/	/	22.50	/	/	<=30	Pass
		Outer_Full	20.89	/	/	22.59	/	/	<=30	Pass
		Inner_Full	20.67	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Left	21.06	/	/	22.76	/	/	<=30	Pass
CP-OFDM QPSK	3495	Inner_1RB_Right	20.75	/	/	22.45	/	/	<=30	Pass
		Edge_1RB_Left	21.72	/	/	23.42	/	/	<=30	Pass
		Edge_1RB_Right	22.49	/	/	24.19	/	/	<=30	Pass

		Outer_Full	22.40	/	/	24.10	/	/	<=30	Pass
		Inner_Full	23.48	/	/	25.18	/	/	<=30	Pass
		Inner_1RB_Left	23.65	/	/	25.35	/	/	<=30	Pass
		Inner_1RB_Right	24.22	/	/	25.92	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	22.06	/	/	23.76	/	/	<=30	Pass
		Edge_1RB_Right	22.09	/	/	23.79	/	/	<=30	Pass
		Outer_Full	22.47	/	/	24.17	/	/	<=30	Pass
		Inner_Full	23.51	/	/	25.21	/	/	<=30	Pass
		Inner_1RB_Left	24.04	/	/	25.74	/	/	<=30	Pass
		Inner_1RB_Right	23.90	/	/	25.60	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	22.09	/	/	23.79	/	/	<=30	Pass
		Edge_1RB_Right	21.97	/	/	23.67	/	/	<=30	Pass
		Outer_Full	22.42	/	/	24.12	/	/	<=30	Pass
		Inner_Full	23.66	/	/	25.36	/	/	<=30	Pass
		Inner_1RB_Left	24.12	/	/	25.82	/	/	<=30	Pass
		Inner_1RB_Right	23.77	/	/	25.47	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Edge_1RB_Left	21.56	/	/	23.26	/	/	<=30	Pass
		Edge_1RB_Right	22.27	/	/	23.97	/	/	<=30	Pass
		Outer_Full	22.28	/	/	23.98	/	/	<=30	Pass
		Inner_Full	23.02	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Left	23.02	/	/	24.72	/	/	<=30	Pass
		Inner_1RB_Right	23.59	/	/	25.29	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.74	/	/	23.44	/	/	<=30	Pass
		Edge_1RB_Right	22.00	/	/	23.70	/	/	<=30	Pass
		Outer_Full	22.43	/	/	24.13	/	/	<=30	Pass
		Inner_Full	23.10	/	/	24.80	/	/	<=30	Pass
		Inner_1RB_Left	23.22	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Right	23.44	/	/	25.14	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.92	/	/	23.62	/	/	<=30	Pass
		Edge_1RB_Right	21.82	/	/	23.52	/	/	<=30	Pass
		Outer_Full	22.33	/	/	24.03	/	/	<=30	Pass
		Inner_Full	23.22	/	/	24.92	/	/	<=30	Pass
		Inner_1RB_Left	23.52	/	/	25.22	/	/	<=30	Pass
		Inner_1RB_Right	23.21	/	/	24.91	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Edge_1RB_Left	21.50	/	/	23.20	/	/	<=30	Pass
		Edge_1RB_Right	22.45	/	/	24.15	/	/	<=30	Pass
		Outer_Full	21.81	/	/	23.51	/	/	<=30	Pass
		Inner_Full	21.55	/	/	23.25	/	/	<=30	Pass
		Inner_1RB_Left	21.69	/	/	23.39	/	/	<=30	Pass
		Inner_1RB_Right	22.24	/	/	23.94	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.86	/	/	23.56	/	/	<=30	Pass
		Edge_1RB_Right	22.11	/	/	23.81	/	/	<=30	Pass
		Outer_Full	21.90	/	/	23.60	/	/	<=30	Pass
		Inner_Full	21.70	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Left	21.92	/	/	23.62	/	/	<=30	Pass
		Inner_1RB_Right	22.01	/	/	23.71	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.97	/	/	23.67	/	/	<=30	Pass
		Edge_1RB_Right	21.79	/	/	23.49	/	/	<=30	Pass
		Outer_Full	22.00	/	/	23.70	/	/	<=30	Pass
		Inner_Full	21.73	/	/	23.43	/	/	<=30	Pass
		Inner_1RB_Left	22.09	/	/	23.79	/	/	<=30	Pass
		Inner_1RB_Right	21.93	/	/	23.63	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge_1RB_Left	18.81	/	/	20.51	/	/	<=30	Pass
		Edge_1RB_Right	19.63	/	/	21.33	/	/	<=30	Pass
		Outer_Full	18.87	/	/	20.57	/	/	<=30	Pass
		Inner_Full	18.67	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Left	18.84	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Right	19.42	/	/	21.12	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.12	/	/	20.82	/	/	<=30	Pass

		Edge_1RB_Right	19.13	/	/	20.83	/	/	<=30	Pass
		Outer_Full	19.04	/	/	20.74	/	/	<=30	Pass
		Inner_Full	18.77	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Left	19.08	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	19.26	/	/	20.96	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	19.10	/	/	20.80	/	/	<=30	Pass
		Edge_1RB_Right	19.10	/	/	20.80	/	/	<=30	Pass
		Outer_Full	19.01	/	/	20.71	/	/	<=30	Pass
		Inner_Full	18.81	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Left	19.36	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	19.04	/	/	20.74	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_100MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge 1RB Left	21.62	/	/	23.32	/	/	<=30	Pass
		Edge 1RB Right	21.80	/	/	23.50	/	/	<=30	Pass
		Outer Full	24.92	/	/	26.62	/	/	<=30	Pass
		Inner Full	25.19	/	/	26.89	/	/	<=30	Pass
		Inner 1RB Left	25.10	/	/	26.80	/	/	<=30	Pass
		Inner 1RB Right	25.22	/	/	26.92	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.62	/	/	23.32	/	/	<=30	Pass
		Edge 1RB Right	21.66	/	/	23.36	/	/	<=30	Pass
		Outer Full	24.94	/	/	26.64	/	/	<=30	Pass
		Inner Full	25.07	/	/	26.77	/	/	<=30	Pass
		Inner 1RB Left	25.15	/	/	26.85	/	/	<=30	Pass
		Inner 1RB Right	25.27	/	/	26.97	/	/	<=30	Pass
	3499.98	Edge 1RB Left	21.71	/	/	23.41	/	/	<=30	Pass
		Edge 1RB Right	21.91	/	/	23.61	/	/	<=30	Pass
		Outer Full	24.97	/	/	26.67	/	/	<=30	Pass
		Inner Full	25.04	/	/	26.74	/	/	<=30	Pass
		Inner 1RB Left	25.13	/	/	26.83	/	/	<=30	Pass
		Inner 1RB Right	25.23	/	/	26.93	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge 1RB Left	21.55	/	/	23.25	/	/	<=30	Pass
		Edge 1RB Right	21.70	/	/	23.40	/	/	<=30	Pass
		Outer Full	24.41	/	/	26.11	/	/	<=30	Pass
		Inner Full	25.05	/	/	26.75	/	/	<=30	Pass
		Inner 1RB Left	24.96	/	/	26.66	/	/	<=30	Pass
		Inner 1RB Right	25.22	/	/	26.92	/	/	<=30	Pass
	3500.01	Edge 1RB Left	21.58	/	/	23.28	/	/	<=30	Pass
		Edge 1RB Right	21.78	/	/	23.48	/	/	<=30	Pass
		Outer Full	24.41	/	/	26.11	/	/	<=30	Pass
		Inner Full	25.07	/	/	26.77	/	/	<=30	Pass
		Inner 1RB Left	25.11	/	/	26.81	/	/	<=30	Pass
		Inner 1RB Right	25.18	/	/	26.88	/	/	<=30	Pass
	3499.98	Edge 1RB Left	21.57	/	/	23.27	/	/	<=30	Pass
		Edge 1RB Right	21.84	/	/	23.54	/	/	<=30	Pass
		Outer Full	24.43	/	/	26.13	/	/	<=30	Pass
		Inner Full	25.06	/	/	26.76	/	/	<=30	Pass
		Inner 1RB Left	25.06	/	/	26.76	/	/	<=30	Pass
		Inner 1RB Right	25.14	/	/	26.84	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge 1RB Left	21.41	/	/	23.11	/	/	<=30	Pass
		Edge 1RB Right	21.64	/	/	23.34	/	/	<=30	Pass
		Outer Full	23.34	/	/	25.04	/	/	<=30	Pass

		Inner_Full	24.08	/	/	25.78	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Right	24.09	/	/	25.79	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.51	/	/	23.21	/	/	<=30	Pass
		Edge_1RB_Right	21.66	/	/	23.36	/	/	<=30	Pass
		Outer_Full	23.35	/	/	25.05	/	/	<=30	Pass
		Inner_Full	24.10	/	/	25.80	/	/	<=30	Pass
		Inner_1RB_Left	24.03	/	/	25.73	/	/	<=30	Pass
		Inner_1RB_Right	24.04	/	/	25.74	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	21.60	/	/	23.30	/	/	<=30	Pass
		Edge_1RB_Right	21.56	/	/	23.26	/	/	<=30	Pass
		Outer_Full	23.39	/	/	25.09	/	/	<=30	Pass
		Inner_Full	24.09	/	/	25.79	/	/	<=30	Pass
		Inner_1RB_Left	23.97	/	/	25.67	/	/	<=30	Pass
		Inner_1RB_Right	24.15	/	/	25.85	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	21.51	/	/	23.21	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	23.39	/	/	<=30	Pass
		Outer_Full	22.85	/	/	24.55	/	/	<=30	Pass
		Inner_Full	22.57	/	/	24.27	/	/	<=30	Pass
		Inner_1RB_Left	22.62	/	/	24.32	/	/	<=30	Pass
		Inner_1RB_Right	22.85	/	/	24.55	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.59	/	/	23.29	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	23.39	/	/	<=30	Pass
		Outer_Full	22.81	/	/	24.51	/	/	<=30	Pass
		Inner_Full	22.58	/	/	24.28	/	/	<=30	Pass
		Inner_1RB_Left	22.52	/	/	24.22	/	/	<=30	Pass
		Inner_1RB_Right	22.65	/	/	24.35	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	21.56	/	/	23.26	/	/	<=30	Pass
		Edge_1RB_Right	21.59	/	/	23.29	/	/	<=30	Pass
		Outer_Full	22.93	/	/	24.63	/	/	<=30	Pass
		Inner_Full	22.54	/	/	24.24	/	/	<=30	Pass
		Inner_1RB_Left	22.53	/	/	24.23	/	/	<=30	Pass
		Inner_1RB_Right	22.68	/	/	24.38	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	20.66	/	/	22.36	/	/	<=30	Pass
		Edge_1RB_Right	20.68	/	/	22.38	/	/	<=30	Pass
		Outer_Full	20.92	/	/	22.62	/	/	<=30	Pass
		Inner_Full	20.58	/	/	22.28	/	/	<=30	Pass
		Inner_1RB_Left	20.73	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	20.72	/	/	22.42	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.68	/	/	22.38	/	/	<=30	Pass
		Edge_1RB_Right	20.73	/	/	22.43	/	/	<=30	Pass
		Outer_Full	20.92	/	/	22.62	/	/	<=30	Pass
		Inner_Full	20.59	/	/	22.29	/	/	<=30	Pass
		Inner_1RB_Left	20.77	/	/	22.47	/	/	<=30	Pass
		Inner_1RB_Right	20.86	/	/	22.56	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	20.63	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Right	20.76	/	/	22.46	/	/	<=30	Pass
		Outer_Full	20.92	/	/	22.62	/	/	<=30	Pass
		Inner_Full	20.67	/	/	22.37	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	22.44	/	/	<=30	Pass
		Inner_1RB_Right	20.72	/	/	22.42	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	21.44	/	/	23.14	/	/	<=30	Pass
		Edge_1RB_Right	21.62	/	/	23.32	/	/	<=30	Pass
		Outer_Full	22.30	/	/	24.00	/	/	<=30	Pass
		Inner_Full	23.56	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Left	23.59	/	/	25.29	/	/	<=30	Pass
		Inner_1RB_Right	23.83	/	/	25.53	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.69	/	/	23.39	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	23.47	/	/	<=30	Pass

		Outer_Full	22.37	/	/	24.07	/	/	<=30	Pass
		Inner_Full	23.62	/	/	25.32	/	/	<=30	Pass
		Inner_1RB_Left	23.76	/	/	25.46	/	/	<=30	Pass
		Inner_1RB_Right	23.73	/	/	25.43	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	21.55	/	/	23.25	/	/	<=30	Pass
		Edge_1RB_Right	21.63	/	/	23.33	/	/	<=30	Pass
		Outer_Full	22.53	/	/	24.23	/	/	<=30	Pass
		Inner_Full	23.56	/	/	25.26	/	/	<=30	Pass
		Inner_1RB_Left	23.57	/	/	25.27	/	/	<=30	Pass
		Inner_1RB_Right	23.85	/	/	25.55	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	21.55	/	/	23.25	/	/	<=30	Pass
		Edge_1RB_Right	21.77	/	/	23.47	/	/	<=30	Pass
		Outer_Full	22.38	/	/	24.08	/	/	<=30	Pass
		Inner_Full	23.06	/	/	24.76	/	/	<=30	Pass
		Inner_1RB_Left	23.00	/	/	24.70	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.89	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.45	/	/	23.15	/	/	<=30	Pass
		Edge_1RB_Right	21.48	/	/	23.18	/	/	<=30	Pass
		Outer_Full	22.40	/	/	24.10	/	/	<=30	Pass
		Inner_Full	23.15	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	24.84	/	/	<=30	Pass
		Inner_1RB_Right	23.07	/	/	24.77	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	21.61	/	/	23.31	/	/	<=30	Pass
		Edge_1RB_Right	21.68	/	/	23.38	/	/	<=30	Pass
		Outer_Full	22.40	/	/	24.10	/	/	<=30	Pass
		Inner_Full	23.15	/	/	24.85	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	24.81	/	/	<=30	Pass
		Inner_1RB_Right	23.14	/	/	24.84	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	21.72	/	/	23.42	/	/	<=30	Pass
		Edge_1RB_Right	21.89	/	/	23.59	/	/	<=30	Pass
		Outer_Full	21.86	/	/	23.56	/	/	<=30	Pass
		Inner_Full	21.63	/	/	23.33	/	/	<=30	Pass
		Inner_1RB_Left	21.54	/	/	23.24	/	/	<=30	Pass
		Inner_1RB_Right	21.75	/	/	23.45	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.75	/	/	23.45	/	/	<=30	Pass
		Edge_1RB_Right	21.69	/	/	23.39	/	/	<=30	Pass
		Outer_Full	21.90	/	/	23.60	/	/	<=30	Pass
		Inner_Full	21.64	/	/	23.34	/	/	<=30	Pass
		Inner_1RB_Left	21.77	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	21.68	/	/	23.38	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	21.55	/	/	23.25	/	/	<=30	Pass
		Edge_1RB_Right	21.81	/	/	23.51	/	/	<=30	Pass
		Outer_Full	21.87	/	/	23.57	/	/	<=30	Pass
		Inner_Full	21.68	/	/	23.38	/	/	<=30	Pass
		Inner_1RB_Left	21.56	/	/	23.26	/	/	<=30	Pass
		Inner_1RB_Right	21.97	/	/	23.67	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	18.73	/	/	20.43	/	/	<=30	Pass
		Edge_1RB_Right	18.89	/	/	20.59	/	/	<=30	Pass
		Outer_Full	18.99	/	/	20.69	/	/	<=30	Pass
		Inner_Full	18.74	/	/	20.44	/	/	<=30	Pass
		Inner_1RB_Left	18.79	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	18.88	/	/	20.58	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.72	/	/	20.42	/	/	<=30	Pass
		Edge_1RB_Right	18.84	/	/	20.54	/	/	<=30	Pass
		Outer_Full	18.97	/	/	20.67	/	/	<=30	Pass
		Inner_Full	18.78	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	18.77	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	19.00	/	/	20.70	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	18.80	/	/	20.50	/	/	<=30	Pass

		Edge 1RB Right	18.94	/	/	20.64	/	/	<=30	Pass
		Outer Full	18.93	/	/	20.63	/	/	<=30	Pass
		Inner Full	18.68	/	/	20.38	/	/	<=30	Pass
		Inner 1RB Left	18.83	/	/	20.53	/	/	<=30	Pass
		Inner 1RB Right	18.88	/	/	20.58	/	/	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.10 30k_MIMO_20MHz_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3460.02	Edge 1RB Left	19.21	20.02	22.65	20.91	22.52	24.80	<=30	Pass
		Edge 1RB Right	19.66	19.61	22.65	21.36	22.11	24.76	<=30	Pass
		Outer Full	20.00	20.12	23.07	21.70	22.62	25.19	<=30	Pass
		Inner Full	21.53	21.59	24.57	23.23	24.09	26.69	<=30	Pass
		Inner 1RB Left	21.32	22.00	24.68	23.02	24.50	26.83	<=30	Pass
		Inner 1RB Right	21.76	21.55	24.66	23.46	24.05	26.78	<=30	Pass
	3500.01	Edge 1RB Left	18.81	20.04	22.48	20.51	22.54	24.65	<=30	Pass
		Edge 1RB Right	19.46	19.97	22.73	21.16	22.47	24.87	<=30	Pass
		Outer Full	19.58	20.29	22.96	21.28	22.79	25.11	<=30	Pass
		Inner Full	20.99	21.84	24.45	22.69	24.34	26.60	<=30	Pass
		Inner 1RB Left	20.65	22.14	24.47	22.35	24.64	26.65	<=30	Pass
		Inner 1RB Right	21.30	21.92	24.63	23.00	24.42	26.78	<=30	Pass
	3540	Edge 1RB Left	19.97	20.30	23.15	21.67	22.80	25.28	<=30	Pass
		Edge 1RB Right	19.44	20.26	22.88	21.14	22.76	25.04	<=30	Pass
		Outer Full	20.26	20.68	23.49	21.96	23.18	25.62	<=30	Pass
		Inner Full	21.74	22.12	24.94	23.44	24.62	27.08	<=30	Pass
		Inner 1RB Left	22.14	22.26	25.21	23.84	24.76	27.33	<=30	Pass
		Inner 1RB Right	21.43	22.10	24.79	23.13	24.60	26.94	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge 1RB Left	19.18	20.13	22.69	20.88	22.63	24.85	<=30	Pass
		Edge 1RB Right	19.58	19.68	22.64	21.28	22.18	24.76	<=30	Pass
		Outer Full	20.02	20.20	23.12	21.72	22.70	25.25	<=30	Pass
		Inner Full	21.06	21.14	24.11	22.76	23.64	26.23	<=30	Pass
		Inner 1RB Left	20.76	21.52	24.16	22.46	24.02	26.32	<=30	Pass
		Inner 1RB Right	21.16	21.08	24.13	22.86	23.58	26.25	<=30	Pass
	3500.01	Edge 1RB Left	18.80	19.96	22.43	20.50	22.46	24.60	<=30	Pass
		Edge 1RB Right	19.30	20.02	22.68	21.00	22.52	24.84	<=30	Pass
		Outer Full	19.62	20.41	23.04	21.32	22.91	25.20	<=30	Pass
		Inner Full	20.61	21.32	23.99	22.31	23.82	26.14	<=30	Pass
		Inner 1RB Left	20.29	21.68	24.05	21.99	24.18	26.23	<=30	Pass
		Inner 1RB Right	20.84	21.56	24.22	22.54	24.06	26.38	<=30	Pass
	3540	Edge 1RB Left	20.06	20.35	23.21	21.76	22.85	25.35	<=30	Pass
		Edge 1RB Right	19.42	20.07	22.77	21.12	22.57	24.92	<=30	Pass
		Outer Full	20.24	20.75	23.52	21.94	23.25	25.65	<=30	Pass
		Inner Full	21.35	21.71	24.54	23.05	24.21	26.68	<=30	Pass
		Inner 1RB Left	21.57	21.86	24.73	23.27	24.36	26.86	<=30	Pass
		Inner 1RB Right	20.94	21.54	24.26	22.64	24.04	26.41	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge 1RB Left	19.14	19.95	22.58	20.84	22.45	24.73	<=30	Pass
		Edge 1RB Right	19.51	19.56	22.55	21.21	22.06	24.67	<=30	Pass
		Outer Full	19.49	19.68	22.60	21.19	22.18	24.72	<=30	Pass
		Inner Full	19.57	19.63	22.61	21.27	22.13	24.73	<=30	Pass
		Inner 1RB Left	19.22	19.91	22.59	20.92	22.41	24.74	<=30	Pass
		Inner 1RB Right	19.74	19.56	22.66	21.44	22.06	24.77	<=30	Pass
	3500.01	Edge 1RB Left	18.52	20.02	22.34	20.22	22.52	24.53	<=30	Pass
		Edge 1RB Right	19.30	19.80	22.56	21.00	22.30	24.71	<=30	Pass
		Outer Full	19.05	19.85	22.48	20.75	22.35	24.63	<=30	Pass

		Inner_Full	19.01	19.77	22.42	20.71	22.27	24.57	<=30	Pass
		Inner_1RB_Left	18.76	19.92	22.39	20.46	22.42	24.56	<=30	Pass
		Inner_1RB_Right	19.40	19.75	22.59	21.10	22.25	24.72	<=30	Pass
	3540	Edge_1RB_Left	19.79	20.22	23.02	21.49	22.72	25.16	<=30	Pass
		Edge_1RB_Right	19.25	20.15	22.74	20.95	22.65	24.89	<=30	Pass
		Outer_Full	19.79	20.20	23.01	21.49	22.70	25.15	<=30	Pass
		Inner_Full	19.78	20.10	22.95	21.48	22.60	25.09	<=30	Pass
		Inner_1RB_Left	19.96	20.21	23.10	21.66	22.71	25.23	<=30	Pass
		Inner_1RB_Right	19.40	20.00	22.72	21.10	22.50	24.87	<=30	Pass
CP-OFDM 256 QAM	3460.02	Edge_1RB_Left	16.33	16.87	19.62	18.03	19.37	21.76	<=30	Pass
		Edge_1RB_Right	16.81	16.57	19.71	18.51	19.07	21.81	<=30	Pass
		Outer_Full	16.60	16.73	19.68	18.30	19.23	21.80	<=30	Pass
		Inner_Full	16.54	16.74	19.65	18.24	19.24	21.78	<=30	Pass
		Inner_1RB_Left	16.37	16.92	19.66	18.07	19.42	21.81	<=30	Pass
		Inner_1RB_Right	16.80	16.55	19.69	18.50	19.05	21.79	<=30	Pass
	3500.01	Edge_1RB_Left	15.81	16.97	19.44	17.51	19.47	21.61	<=30	Pass
		Edge_1RB_Right	16.45	16.80	19.64	18.15	19.30	21.77	<=30	Pass
		Outer_Full	16.04	16.95	19.53	17.74	19.45	21.69	<=30	Pass
		Inner_Full	16.07	16.80	19.46	17.77	19.30	21.61	<=30	Pass
		Inner_1RB_Left	15.54	17.22	19.47	17.24	19.72	21.66	<=30	Pass
		Inner_1RB_Right	16.20	16.98	19.62	17.90	19.48	21.77	<=30	Pass
	3540	Edge_1RB_Left	17.05	17.16	20.12	18.75	19.66	22.24	<=30	Pass
		Edge_1RB_Right	16.23	17.26	19.79	17.93	19.76	21.95	<=30	Pass
		Outer_Full	16.75	17.27	20.03	18.45	19.77	22.17	<=30	Pass
		Inner_Full	16.84	17.33	20.10	18.54	19.83	22.24	<=30	Pass
		Inner_1RB_Left	17.05	17.19	20.13	18.75	19.69	22.26	<=30	Pass
		Inner_1RB_Right	16.48	17.02	19.77	18.18	19.52	21.91	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.11 30k_MIMO_30MHz_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3465	Edge_1RB_Left	19.36	20.02	22.71	21.06	22.52	24.86	<=30	Pass
		Edge_1RB_Right	18.81	19.62	22.24	20.51	22.12	24.40	<=30	Pass
		Outer_Full	19.84	20.00	22.93	21.54	22.50	25.06	<=30	Pass
		Inner_Full	21.41	21.39	24.41	23.11	23.89	26.53	<=30	Pass
		Inner_1RB_Left	21.18	22.05	24.65	22.88	24.55	26.81	<=30	Pass
		Inner_1RB_Right	20.82	21.65	24.27	22.52	24.15	26.42	<=30	Pass
	3500.01	Edge_1RB_Left	18.57	20.04	22.38	20.27	22.54	24.56	<=30	Pass
		Edge_1RB_Right	19.31	20.03	22.70	21.01	22.53	24.85	<=30	Pass
		Outer_Full	19.45	20.27	22.89	21.15	22.77	25.05	<=30	Pass
		Inner_Full	20.97	21.87	24.45	22.67	24.37	26.61	<=30	Pass
		Inner_1RB_Left	20.48	21.97	24.30	22.18	24.47	26.48	<=30	Pass
		Inner_1RB_Right	21.21	21.87	24.56	22.91	24.37	26.71	<=30	Pass
	3534.99	Edge_1RB_Left	19.58	20.18	22.90	21.28	22.68	25.05	<=30	Pass
		Edge_1RB_Right	19.39	20.28	22.87	21.09	22.78	25.03	<=30	Pass
		Outer_Full	20.23	20.83	23.55	21.93	23.33	25.70	<=30	Pass
		Inner_Full	21.99	22.38	25.20	23.69	24.88	27.34	<=30	Pass
		Inner_1RB_Left	21.50	22.44	25.01	23.20	24.94	27.17	<=30	Pass
		Inner_1RB_Right	21.44	22.47	25.00	23.14	24.97	27.16	<=30	Pass
CP-OFDM 16 QAM	3465	Edge_1RB_Left	19.16	20.07	22.65	20.86	22.57	24.81	<=30	Pass
		Edge_1RB_Right	18.73	19.70	22.25	20.43	22.20	24.41	<=30	Pass
		Outer_Full	19.85	19.99	22.93	21.55	22.49	25.06	<=30	Pass
		Inner_Full	21.00	20.88	23.95	22.70	23.38	26.06	<=30	Pass

		Inner 1RB Left	20.73	21.60	24.20	22.43	24.10	26.36	<=30	Pass
		Inner 1RB Right	20.48	21.25	23.90	22.18	23.75	26.05	<=30	Pass
	3500.01	Edge 1RB Left	18.62	19.89	22.31	20.32	22.39	24.49	<=30	Pass
		Edge 1RB Right	19.28	19.75	22.53	20.98	22.25	24.67	<=30	Pass
		Outer Full	19.55	20.36	22.98	21.25	22.86	25.14	<=30	Pass
		Inner Full	20.52	21.33	23.96	22.22	23.83	26.11	<=30	Pass
		Inner 1RB Left	20.15	21.47	23.87	21.85	23.97	26.05	<=30	Pass
		Inner 1RB Right	20.78	21.37	24.09	22.48	23.87	26.24	<=30	Pass
	3534.99	Edge 1RB Left	19.51	20.33	22.95	21.21	22.83	25.11	<=30	Pass
		Edge 1RB Right	19.38	20.31	22.88	21.08	22.81	25.04	<=30	Pass
		Outer Full	20.33	20.84	23.60	22.03	23.34	25.74	<=30	Pass
		Inner Full	21.41	21.83	24.64	23.11	24.33	26.77	<=30	Pass
		Inner 1RB Left	21.03	21.89	24.49	22.73	24.39	26.65	<=30	Pass
		Inner 1RB Right	21.06	21.80	24.46	22.76	24.30	26.61	<=30	Pass
CP-OFDM 64 QAM	3465	Edge 1RB Left	19.09	20.01	22.58	20.79	22.51	24.74	<=30	Pass
		Edge 1RB Right	18.92	19.60	22.28	20.62	22.10	24.43	<=30	Pass
		Outer Full	19.31	19.56	22.45	21.01	22.06	24.58	<=30	Pass
		Inner Full	19.42	19.31	22.38	21.12	21.81	24.49	<=30	Pass
		Inner 1RB Left	19.02	19.98	22.54	20.72	22.48	24.70	<=30	Pass
		Inner 1RB Right	18.74	19.67	22.24	20.44	22.17	24.40	<=30	Pass
	3500.01	Edge 1RB Left	18.37	20.03	22.29	20.07	22.53	24.48	<=30	Pass
		Edge 1RB Right	19.15	19.99	22.60	20.85	22.49	24.76	<=30	Pass
		Outer Full	19.01	19.87	22.47	20.71	22.37	24.63	<=30	Pass
		Inner Full	19.02	19.80	22.44	20.72	22.30	24.59	<=30	Pass
		Inner 1RB Left	18.33	20.05	22.28	20.03	22.55	24.48	<=30	Pass
		Inner 1RB Right	19.15	19.99	22.60	20.85	22.49	24.76	<=30	Pass
	3534.99	Edge 1RB Left	19.24	20.18	22.75	20.94	22.68	24.91	<=30	Pass
		Edge 1RB Right	19.27	20.35	22.86	20.97	22.85	25.02	<=30	Pass
		Outer Full	19.77	20.27	23.04	21.47	22.77	25.18	<=30	Pass
		Inner Full	19.96	20.31	23.15	21.66	22.81	25.28	<=30	Pass
		Inner 1RB Left	19.25	20.24	22.79	20.95	22.74	24.95	<=30	Pass
		Inner 1RB Right	19.31	20.32	22.86	21.01	22.82	25.02	<=30	Pass
CP-OFDM 256 QAM	3465	Edge 1RB Left	16.48	16.93	19.72	18.18	19.43	21.86	<=30	Pass
		Edge 1RB Right	16.02	16.60	19.33	17.72	19.10	21.47	<=30	Pass
		Outer Full	16.41	16.64	19.54	18.11	19.14	21.67	<=30	Pass
		Inner Full	16.53	16.39	19.47	18.23	18.89	21.58	<=30	Pass
		Inner 1RB Left	16.35	16.85	19.62	18.05	19.35	21.76	<=30	Pass
		Inner 1RB Right	16.07	16.67	19.39	17.77	19.17	21.54	<=30	Pass
	3500.01	Edge 1RB Left	15.71	16.91	19.36	17.41	19.41	21.53	<=30	Pass
		Edge 1RB Right	16.29	17.02	19.68	17.99	19.52	21.83	<=30	Pass
		Outer Full	16.07	16.95	19.54	17.77	19.45	21.70	<=30	Pass
		Inner Full	16.03	16.88	19.48	17.73	19.38	21.64	<=30	Pass
		Inner 1RB Left	15.55	17.21	19.47	17.25	19.71	21.66	<=30	Pass
		Inner 1RB Right	16.22	17.11	19.70	17.92	19.61	21.86	<=30	Pass
	3534.99	Edge 1RB Left	16.56	17.27	19.94	18.26	19.77	22.09	<=30	Pass
		Edge 1RB Right	16.57	17.20	19.91	18.27	19.70	22.05	<=30	Pass
		Outer Full	16.79	17.37	20.10	18.49	19.87	22.24	<=30	Pass
		Inner Full	16.97	17.41	20.20	18.67	19.91	22.34	<=30	Pass
		Inner 1RB Left	16.78	17.20	20.00	18.48	19.70	22.14	<=30	Pass
		Inner 1RB Right	16.55	17.23	19.91	18.25	19.73	22.06	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.12 30k_MIMO_40MHz_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 40MHz NTN					
Modulation	Frequency	RB	Conducted Power(dBm)	EIRP(dBm)	Verdict

	(MHz)	Allocation	Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3470.01	Edge 1RB Left	19.50	20.15	22.85	21.20	22.65	25.00	<=30	Pass
		Edge 1RB Right	18.75	19.97	22.41	20.45	22.47	24.59	<=30	Pass
		Outer Full	19.77	20.23	23.01	21.47	22.73	25.16	<=30	Pass
		Inner Full	21.35	21.58	24.48	23.05	24.08	26.61	<=30	Pass
		Inner 1RB Left	21.30	22.07	24.71	23.00	24.57	26.87	<=30	Pass
		Inner 1RB Right	20.57	22.03	24.37	22.27	24.53	26.56	<=30	Pass
	3500.01	Edge 1RB Left	18.90	19.91	22.44	20.60	22.41	24.61	<=30	Pass
		Edge 1RB Right	19.53	20.29	22.94	21.23	22.79	25.09	<=30	Pass
		Outer Full	19.49	20.34	22.95	21.19	22.84	25.10	<=30	Pass
		Inner Full	20.92	21.78	24.38	22.62	24.28	26.54	<=30	Pass
		Inner 1RB Left	20.67	21.80	24.28	22.37	24.30	26.45	<=30	Pass
		Inner 1RB Right	21.43	22.03	24.76	23.13	24.53	26.90	<=30	Pass
	3529.98	Edge 1RB Left	19.50	19.97	22.75	21.20	22.47	24.89	<=30	Pass
		Edge 1RB Right	19.42	20.18	22.82	21.12	22.68	24.98	<=30	Pass
		Outer Full	20.07	20.69	23.40	21.77	23.19	25.55	<=30	Pass
		Inner Full	21.69	22.24	24.98	23.39	24.74	27.13	<=30	Pass
		Inner 1RB Left	21.38	21.91	24.67	23.08	24.41	26.81	<=30	Pass
		Inner 1RB Right	21.34	22.33	24.87	23.04	24.83	27.04	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge 1RB Left	19.50	20.20	22.87	21.20	22.70	25.02	<=30	Pass
		Edge 1RB Right	18.68	20.09	22.45	20.38	22.59	24.63	<=30	Pass
		Outer Full	19.70	20.24	22.99	21.40	22.74	25.13	<=30	Pass
		Inner Full	21.00	21.11	24.06	22.70	23.61	26.19	<=30	Pass
		Inner 1RB Left	20.82	21.69	24.29	22.52	24.19	26.45	<=30	Pass
		Inner 1RB Right	20.14	21.64	23.97	21.84	24.14	26.15	<=30	Pass
	3500.01	Edge 1RB Left	18.83	19.90	22.41	20.53	22.40	24.58	<=30	Pass
		Edge 1RB Right	19.38	20.02	22.72	21.08	22.52	24.87	<=30	Pass
		Outer Full	19.41	20.31	22.90	21.11	22.81	25.05	<=30	Pass
		Inner Full	20.50	21.29	23.92	22.20	23.79	26.08	<=30	Pass
		Inner 1RB Left	20.23	21.41	23.87	21.93	23.91	26.04	<=30	Pass
		Inner 1RB Right	20.87	21.61	24.27	22.57	24.11	26.42	<=30	Pass
	3529.98	Edge 1RB Left	19.51	19.93	22.73	21.21	22.43	24.87	<=30	Pass
		Edge 1RB Right	19.35	20.23	22.82	21.05	22.73	24.98	<=30	Pass
		Outer Full	20.09	20.71	23.42	21.79	23.21	25.57	<=30	Pass
		Inner Full	21.27	21.75	24.53	22.97	24.25	26.67	<=30	Pass
		Inner 1RB Left	20.82	21.53	24.20	22.52	24.03	26.35	<=30	Pass
		Inner 1RB Right	20.85	21.82	24.37	22.55	24.32	26.53	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge 1RB Left	19.21	20.18	22.73	20.91	22.68	24.89	<=30	Pass
		Edge 1RB Right	18.64	19.91	22.33	20.34	22.41	24.51	<=30	Pass
		Outer Full	19.26	19.76	22.53	20.96	22.26	24.67	<=30	Pass
		Inner Full	19.39	19.59	22.50	21.09	22.09	24.63	<=30	Pass
		Inner 1RB Left	19.45	19.98	22.73	21.15	22.48	24.88	<=30	Pass
		Inner 1RB Right	18.80	20.04	22.47	20.50	22.54	24.65	<=30	Pass
	3500.01	Edge 1RB Left	18.76	20.01	22.44	20.46	22.51	24.62	<=30	Pass
		Edge 1RB Right	19.37	20.08	22.75	21.07	22.58	24.90	<=30	Pass
		Outer Full	18.96	19.86	22.45	20.66	22.36	24.60	<=30	Pass
		Inner Full	19.00	19.82	22.44	20.70	22.32	24.60	<=30	Pass
		Inner 1RB Left	18.71	19.97	22.40	20.41	22.47	24.57	<=30	Pass
		Inner 1RB Right	19.37	20.13	22.78	21.07	22.63	24.93	<=30	Pass
	3529.98	Edge 1RB Left	19.40	19.83	22.63	21.10	22.33	24.77	<=30	Pass
		Edge 1RB Right	19.30	20.06	22.71	21.00	22.56	24.86	<=30	Pass
		Outer Full	19.56	20.23	22.92	21.26	22.73	25.07	<=30	Pass
		Inner Full	19.69	20.27	23.00	21.39	22.77	25.14	<=30	Pass
		Inner 1RB Left	19.24	19.97	22.63	20.94	22.47	24.78	<=30	Pass
		Inner 1RB Right	19.23	20.32	22.82	20.93	22.82	24.99	<=30	Pass
CP-OFDM 256 QAM	3470.01	Edge 1RB Left	16.24	17.21	19.76	17.94	19.71	21.92	<=30	Pass
		Edge 1RB Right	15.66	17.19	19.50	17.36	19.69	21.69	<=30	Pass
		Outer Full	16.28	16.69	19.50	17.98	19.19	21.64	<=30	Pass
		Inner Full	16.46	16.62	19.55	18.16	19.12	21.68	<=30	Pass

		Inner_1RB_Left	16.27	17.31	19.83	17.97	19.81	22.00	<=30	Pass
		Inner_1RB_Right	15.56	17.12	19.42	17.26	19.62	21.61	<=30	Pass
	3500.01	Edge_1RB_Left	16.00	16.94	19.50	17.70	19.44	21.67	<=30	Pass
		Edge_1RB_Right	16.40	17.34	19.90	18.10	19.84	22.07	<=30	Pass
		Outer_Full	16.02	16.91	19.50	17.72	19.41	21.66	<=30	Pass
		Inner_Full	15.97	16.92	19.48	17.67	19.42	21.64	<=30	Pass
		Inner_1RB_Left	15.76	17.13	19.51	17.46	19.63	21.69	<=30	Pass
		Inner_1RB_Right	16.30	17.47	19.93	18.00	19.97	22.11	<=30	Pass
	3529.98	Edge_1RB_Left	16.46	17.06	19.78	18.16	19.56	21.93	<=30	Pass
		Edge_1RB_Right	16.30	17.47	19.94	18.00	19.97	22.11	<=30	Pass
		Outer_Full	16.57	17.31	19.97	18.27	19.81	22.12	<=30	Pass
		Inner_Full	16.80	17.43	20.14	18.50	19.93	22.28	<=30	Pass
		Inner_1RB_Left	16.26	17.05	19.68	17.96	19.55	21.84	<=30	Pass
		Inner_1RB_Right	16.17	17.25	19.75	17.87	19.75	21.92	<=30	Pass

Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi;
Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2

1.1.13 30k_MIMO_50MHz_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3475.02	Edge_1RB_Left	19.03	19.80	22.44	20.73	22.30	24.60	<=30	Pass
		Edge_1RB_Right	18.81	19.74	22.31	20.51	22.24	24.47	<=30	Pass
		Outer_Full	19.39	20.11	22.78	21.09	22.61	24.93	<=30	Pass
		Inner_Full	20.90	21.50	24.22	22.60	24.00	26.37	<=30	Pass
		Inner_1RB_Left	20.91	21.92	24.45	22.61	24.42	26.62	<=30	Pass
		Inner_1RB_Right	20.62	21.83	24.27	22.32	24.33	26.45	<=30	Pass
	3500.01	Edge_1RB_Left	18.76	19.61	22.22	20.46	22.11	24.37	<=30	Pass
		Edge_1RB_Right	19.38	20.11	22.77	21.08	22.61	24.92	<=30	Pass
		Outer_Full	19.25	20.22	22.77	20.95	22.72	24.93	<=30	Pass
		Inner_Full	20.78	21.68	24.27	22.48	24.18	26.42	<=30	Pass
		Inner_1RB_Left	20.66	21.71	24.23	22.36	24.21	26.39	<=30	Pass
		Inner_1RB_Right	21.22	22.24	24.77	22.92	24.74	26.93	<=30	Pass
	3525	Edge_1RB_Left	18.85	19.73	22.32	20.55	22.23	24.48	<=30	Pass
		Edge_1RB_Right	18.99	19.91	22.48	20.69	22.41	24.64	<=30	Pass
		Outer_Full	19.82	20.42	23.14	21.52	22.92	25.29	<=30	Pass
		Inner_Full	21.44	21.99	24.73	23.14	24.49	26.88	<=30	Pass
		Inner_1RB_Left	20.83	21.82	24.36	22.53	24.32	26.53	<=30	Pass
		Inner_1RB_Right	20.93	21.96	24.48	22.63	24.46	26.65	<=30	Pass
CP-OFDM 16 QAM	3475.02	Edge_1RB_Left	19.11	19.73	22.44	20.81	22.23	24.59	<=30	Pass
		Edge_1RB_Right	18.68	19.75	22.26	20.38	22.25	24.43	<=30	Pass
		Outer_Full	19.39	20.05	22.75	21.09	22.55	24.89	<=30	Pass
		Inner_Full	20.38	21.02	23.72	22.08	23.52	25.87	<=30	Pass
		Inner_1RB_Left	20.69	21.26	24.00	22.39	23.76	26.14	<=30	Pass
		Inner_1RB_Right	20.14	21.07	23.64	21.84	23.57	25.80	<=30	Pass
	3500.01	Edge_1RB_Left	18.69	19.52	22.13	20.39	22.02	24.29	<=30	Pass
		Edge_1RB_Right	19.34	20.03	22.71	21.04	22.53	24.86	<=30	Pass
		Outer_Full	19.33	20.22	22.81	21.03	22.72	24.97	<=30	Pass
		Inner_Full	20.26	21.28	23.81	21.96	23.78	25.97	<=30	Pass
		Inner_1RB_Left	20.32	21.08	23.73	22.02	23.58	25.88	<=30	Pass
		Inner_1RB_Right	20.85	21.57	24.24	22.55	24.07	26.39	<=30	Pass
	3525	Edge_1RB_Left	19.02	19.55	22.30	20.72	22.05	24.45	<=30	Pass
		Edge_1RB_Right	19.00	20.07	22.58	20.70	22.57	24.75	<=30	Pass
		Outer_Full	19.88	20.39	23.15	21.58	22.89	25.29	<=30	Pass
		Inner_Full	20.99	21.49	24.26	22.69	23.99	26.40	<=30	Pass
		Inner_1RB_Left	20.42	21.18	23.83	22.12	23.68	25.98	<=30	Pass

		Inner 1RB Right	20.53	21.35	23.97	22.23	23.85	26.13	<=30	Pass	
CP-OFDM 64 QAM	3475.02	Edge 1RB Left	18.81	19.75	22.31	20.51	22.25	24.48	<=30	Pass	
		Edge 1RB Right	18.81	19.52	22.19	20.51	22.02	24.34	<=30	Pass	
		Outer_Full	18.85	19.54	22.22	20.55	22.04	24.37	<=30	Pass	
		Inner_Full	18.91	19.48	22.21	20.61	21.98	24.36	<=30	Pass	
		Inner 1RB Left	18.80	19.83	22.36	20.50	22.33	24.52	<=30	Pass	
		Inner 1RB Right	18.67	19.64	22.19	20.37	22.14	24.35	<=30	Pass	
	3500.01	Edge 1RB Left	18.64	19.62	22.17	20.34	22.12	24.33	<=30	Pass	
		Edge 1RB Right	19.30	20.15	22.76	21.00	22.65	24.91	<=30	Pass	
		Outer_Full	18.79	19.77	22.32	20.49	22.27	24.48	<=30	Pass	
		Inner_Full	18.84	19.84	22.38	20.54	22.34	24.54	<=30	Pass	
		Inner 1RB Left	18.80	19.43	22.13	20.50	21.93	24.28	<=30	Pass	
		Inner 1RB Right	19.34	19.92	22.65	21.04	22.42	24.79	<=30	Pass	
	3525	Edge 1RB Left	18.92	19.61	22.29	20.62	22.11	24.44	<=30	Pass	
		Edge 1RB Right	18.91	19.89	22.44	20.61	22.39	24.60	<=30	Pass	
		Outer_Full	19.39	19.92	22.67	21.09	22.42	24.82	<=30	Pass	
		Inner_Full	19.46	20.03	22.77	21.16	22.53	24.91	<=30	Pass	
		Inner 1RB Left	18.93	19.63	22.30	20.63	22.13	24.45	<=30	Pass	
		Inner 1RB Right	18.94	19.88	22.45	20.64	22.38	24.61	<=30	Pass	
	CP-OFDM 256 QAM	3475.02	Edge 1RB Left	16.14	16.64	19.41	17.84	19.14	21.55	<=30	Pass
			Edge 1RB Right	15.83	16.46	19.17	17.53	18.96	21.31	<=30	Pass
			Outer_Full	15.92	16.63	19.30	17.62	19.13	21.45	<=30	Pass
Inner_Full			15.90	16.54	19.24	17.60	19.04	21.39	<=30	Pass	
Inner 1RB Left			15.85	16.82	19.37	17.55	19.32	21.53	<=30	Pass	
Inner 1RB Right			15.56	16.74	19.20	17.26	19.24	21.37	<=30	Pass	
3500.01		Edge 1RB Left	15.78	16.77	19.31	17.48	19.27	21.48	<=30	Pass	
		Edge 1RB Right	16.47	17.03	19.77	18.17	19.53	21.91	<=30	Pass	
		Outer_Full	15.83	16.79	19.35	17.53	19.29	21.51	<=30	Pass	
		Inner_Full	15.87	16.75	19.35	17.57	19.25	21.50	<=30	Pass	
		Inner 1RB Left	15.59	16.70	19.19	17.29	19.20	21.36	<=30	Pass	
		Inner 1RB Right	16.40	17.22	19.84	18.10	19.72	22.00	<=30	Pass	
3525		Edge 1RB Left	15.95	16.48	19.24	17.65	18.98	21.38	<=30	Pass	
		Edge 1RB Right	15.86	16.97	19.46	17.56	19.47	21.63	<=30	Pass	
		Outer_Full	16.36	17.01	19.71	18.06	19.51	21.86	<=30	Pass	
		Inner_Full	16.42	17.00	19.73	18.12	19.50	21.87	<=30	Pass	
		Inner 1RB Left	16.04	16.46	19.27	17.74	18.96	21.40	<=30	Pass	
		Inner 1RB Right	16.17	16.74	19.47	17.87	19.24	21.62	<=30	Pass	
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi;											
Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2											

1.1.14 30k_MIMO_60MHz_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3480	Edge 1RB Left	18.95	19.93	22.48	20.65	22.43	24.64	<=30	Pass
		Edge 1RB Right	18.94	19.70	22.35	20.64	22.20	24.50	<=30	Pass
		Outer Full	19.53	20.17	22.87	21.23	22.67	25.02	<=30	Pass
		Inner Full	20.78	21.66	24.25	22.48	24.16	26.41	<=30	Pass
		Inner 1RB Left	21.22	21.79	24.52	22.92	24.29	26.67	<=30	Pass
		Inner 1RB Right	20.99	21.73	24.38	22.69	24.23	26.54	<=30	Pass
	3500.01	Edge 1RB Left	19.17	19.54	22.37	20.87	22.04	24.50	<=30	Pass
		Edge 1RB Right	19.61	20.03	22.84	21.31	22.53	24.97	<=30	Pass
		Outer Full	19.36	20.29	22.86	21.06	22.79	25.02	<=30	Pass
		Inner Full	20.73	21.66	24.23	22.43	24.16	26.39	<=30	Pass
		Inner 1RB Left	21.15	21.59	24.38	22.85	24.09	26.52	<=30	Pass
		Inner 1RB Right	21.52	22.08	24.82	23.22	24.58	26.96	<=30	Pass

	3519.99	Edge 1RB Left	18.55	19.90	22.29	20.25	22.40	24.47	<=30	Pass
		Edge 1RB Right	19.07	19.98	22.56	20.77	22.48	24.72	<=30	Pass
		Outer Full	19.82	20.46	23.16	21.52	22.96	25.31	<=30	Pass
		Inner Full	21.40	21.97	24.70	23.10	24.47	26.85	<=30	Pass
		Inner 1RB Left	20.61	21.93	24.33	22.31	24.43	26.51	<=30	Pass
		Inner 1RB Right	20.97	21.94	24.49	22.67	24.44	26.65	<=30	Pass
CP-OFDM 16 QAM	3480	Edge 1RB Left	18.98	19.85	22.45	20.68	22.35	24.61	<=30	Pass
		Edge 1RB Right	19.05	19.62	22.35	20.75	22.12	24.50	<=30	Pass
		Outer Full	19.44	20.17	22.83	21.14	22.67	24.98	<=30	Pass
		Inner Full	20.34	21.16	23.78	22.04	23.66	25.94	<=30	Pass
		Inner 1RB Left	20.52	21.47	24.03	22.22	23.97	26.19	<=30	Pass
		Inner 1RB Right	20.48	21.29	23.92	22.18	23.79	26.07	<=30	Pass
	3500.01	Edge 1RB Left	19.16	19.39	22.29	20.86	21.89	24.42	<=30	Pass
		Edge 1RB Right	19.51	19.93	22.74	21.21	22.43	24.87	<=30	Pass
		Outer Full	19.37	20.30	22.87	21.07	22.80	25.03	<=30	Pass
		Inner Full	20.20	21.24	23.77	21.90	23.74	25.93	<=30	Pass
		Inner 1RB Left	20.69	20.94	23.82	22.39	23.44	25.96	<=30	Pass
		Inner 1RB Right	21.20	21.44	24.33	22.90	23.94	26.46	<=30	Pass
	3519.99	Edge 1RB Left	18.59	19.81	22.25	20.29	22.31	24.43	<=30	Pass
		Edge 1RB Right	19.36	20.01	22.71	21.06	22.51	24.86	<=30	Pass
		Outer Full	19.88	20.52	23.22	21.58	23.02	25.37	<=30	Pass
		Inner Full	20.96	21.46	24.23	22.66	23.96	26.37	<=30	Pass
		Inner 1RB Left	20.12	21.39	23.81	21.82	23.89	25.99	<=30	Pass
		Inner 1RB Right	20.64	21.49	24.09	22.34	23.99	26.25	<=30	Pass
CP-OFDM 64 QAM	3480	Edge 1RB Left	18.90	19.62	22.28	20.60	22.12	24.44	<=30	Pass
		Edge 1RB Right	18.87	19.62	22.27	20.57	22.12	24.42	<=30	Pass
		Outer Full	18.95	19.68	22.34	20.65	22.18	24.49	<=30	Pass
		Inner Full	18.80	19.65	22.26	20.50	22.15	24.41	<=30	Pass
		Inner 1RB Left	18.87	19.98	22.47	20.57	22.48	24.64	<=30	Pass
		Inner 1RB Right	18.94	19.75	22.38	20.64	22.25	24.53	<=30	Pass
	3500.01	Edge 1RB Left	19.17	19.20	22.20	20.87	21.70	24.32	<=30	Pass
		Edge 1RB Right	19.66	19.82	22.75	21.36	22.32	24.88	<=30	Pass
		Outer Full	18.88	19.83	22.39	20.58	22.33	24.55	<=30	Pass
		Inner Full	18.80	19.81	22.35	20.50	22.31	24.51	<=30	Pass
		Inner 1RB Left	18.99	19.56	22.29	20.69	22.06	24.44	<=30	Pass
		Inner 1RB Right	19.37	20.09	22.76	21.07	22.59	24.91	<=30	Pass
	3519.99	Edge 1RB Left	18.54	19.87	22.27	20.24	22.37	24.44	<=30	Pass
		Edge 1RB Right	19.04	19.80	22.45	20.74	22.30	24.60	<=30	Pass
		Outer Full	19.33	19.97	22.67	21.03	22.47	24.82	<=30	Pass
		Inner Full	19.32	20.03	22.70	21.02	22.53	24.85	<=30	Pass
		Inner 1RB Left	18.48	19.81	22.20	20.18	22.31	24.38	<=30	Pass
		Inner 1RB Right	18.99	19.89	22.47	20.69	22.39	24.63	<=30	Pass
CP-OFDM 256 QAM	3480	Edge 1RB Left	16.03	16.73	19.41	17.73	19.23	21.55	<=30	Pass
		Edge 1RB Right	16.08	16.45	19.28	17.78	18.95	21.41	<=30	Pass
		Outer Full	16.01	16.77	19.41	17.71	19.27	21.57	<=30	Pass
		Inner Full	15.77	16.71	19.27	17.47	19.21	21.44	<=30	Pass
		Inner 1RB Left	15.93	16.89	19.44	17.63	19.39	21.61	<=30	Pass
		Inner 1RB Right	15.87	16.74	19.34	17.57	19.24	21.50	<=30	Pass
	3500.01	Edge 1RB Left	16.29	16.43	19.37	17.99	18.93	21.50	<=30	Pass
		Edge 1RB Right	16.57	17.27	19.95	18.27	19.77	22.09	<=30	Pass
		Outer Full	15.88	16.81	19.38	17.58	19.31	21.54	<=30	Pass
		Inner Full	15.73	16.80	19.31	17.43	19.30	21.48	<=30	Pass
		Inner 1RB Left	16.33	16.39	19.37	18.03	18.89	21.49	<=30	Pass
		Inner 1RB Right	16.81	16.98	19.91	18.51	19.48	22.03	<=30	Pass
	3519.99	Edge 1RB Left	15.51	16.96	19.31	17.21	19.46	21.49	<=30	Pass
		Edge 1RB Right	15.89	17.02	19.50	17.59	19.52	21.67	<=30	Pass
		Outer Full	16.33	17.00	19.69	18.03	19.50	21.84	<=30	Pass
		Inner Full	16.35	16.99	19.69	18.05	19.49	21.84	<=30	Pass
		Inner 1RB Left	15.50	16.96	19.30	17.20	19.46	21.49	<=30	Pass

		Inner 1RB Right	15.91	17.08	19.54	17.61	19.58	21.72	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.15 30k_MIMO_70MHz_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3485.01	Edge 1RB Left	18.90	19.72	22.34	20.60	22.22	24.50	<=30	Pass
		Edge 1RB Right	18.91	19.69	22.33	20.61	22.19	24.48	<=30	Pass
		Outer Full	19.33	19.90	22.63	21.03	22.40	24.78	<=30	Pass
		Inner Full	20.56	21.44	24.03	22.26	23.94	26.19	<=30	Pass
		Inner 1RB Left	20.87	21.64	24.29	22.57	24.14	26.44	<=30	Pass
		Inner 1RB Right	20.77	21.78	24.31	22.47	24.28	26.48	<=30	Pass
	3500.01	Edge 1RB Left	19.21	19.19	22.21	20.91	21.69	24.33	<=30	Pass
		Edge 1RB Right	19.49	20.02	22.77	21.19	22.52	24.92	<=30	Pass
		Outer Full	19.33	20.06	22.72	21.03	22.56	24.87	<=30	Pass
		Inner Full	20.66	21.55	24.14	22.36	24.05	26.30	<=30	Pass
		Inner 1RB Left	21.21	21.27	24.25	22.91	23.77	26.37	<=30	Pass
		Inner 1RB Right	21.46	21.94	24.72	23.16	24.44	26.86	<=30	Pass
	3514.98	Edge 1RB Left	18.42	19.70	22.12	20.12	22.20	24.29	<=30	Pass
		Edge 1RB Right	19.07	20.15	22.65	20.77	22.65	24.82	<=30	Pass
		Outer Full	19.52	20.28	22.93	21.22	22.78	25.08	<=30	Pass
		Inner Full	21.15	21.83	24.51	22.85	24.33	26.66	<=30	Pass
		Inner 1RB Left	20.38	21.62	24.06	22.08	24.12	26.23	<=30	Pass
		Inner 1RB Right	20.94	21.91	24.46	22.64	24.41	26.62	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge 1RB Left	18.78	19.76	22.31	20.48	22.26	24.47	<=30	Pass
		Edge 1RB Right	18.91	19.53	22.24	20.61	22.03	24.39	<=30	Pass
		Outer Full	19.24	19.93	22.61	20.94	22.43	24.76	<=30	Pass
		Inner Full	20.04	20.91	23.51	21.74	23.41	25.67	<=30	Pass
		Inner 1RB Left	20.32	21.21	23.80	22.02	23.71	25.96	<=30	Pass
		Inner 1RB Right	20.29	21.13	23.74	21.99	23.63	25.90	<=30	Pass
	3500.01	Edge 1RB Left	19.18	19.28	22.24	20.88	21.78	24.36	<=30	Pass
		Edge 1RB Right	19.57	20.21	22.91	21.27	22.71	25.06	<=30	Pass
		Outer Full	19.35	20.07	22.74	21.05	22.57	24.89	<=30	Pass
		Inner Full	20.21	21.13	23.70	21.91	23.63	25.86	<=30	Pass
		Inner 1RB Left	20.90	20.77	23.85	22.60	23.27	25.96	<=30	Pass
		Inner 1RB Right	21.12	21.46	24.30	22.82	23.96	26.44	<=30	Pass
	3514.98	Edge 1RB Left	18.45	19.70	22.13	20.15	22.20	24.31	<=30	Pass
		Edge 1RB Right	19.11	19.82	22.49	20.81	22.32	24.64	<=30	Pass
		Outer Full	19.55	20.31	22.96	21.25	22.81	25.11	<=30	Pass
		Inner Full	20.67	21.34	24.03	22.37	23.84	26.18	<=30	Pass
		Inner 1RB Left	20.09	21.19	23.69	21.79	23.69	25.85	<=30	Pass
		Inner 1RB Right	20.44	21.29	23.90	22.14	23.79	26.05	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge 1RB Left	18.84	19.55	22.22	20.54	22.05	24.37	<=30	Pass
		Edge 1RB Right	18.88	19.50	22.22	20.58	22.00	24.36	<=30	Pass
		Outer Full	18.82	19.42	22.14	20.52	21.92	24.29	<=30	Pass
		Inner Full	18.58	19.47	22.06	20.28	21.97	24.22	<=30	Pass
		Inner 1RB Left	18.89	19.58	22.26	20.59	22.08	24.41	<=30	Pass
		Inner 1RB Right	18.84	19.61	22.25	20.54	22.11	24.41	<=30	Pass
	3500.01	Edge 1RB Left	19.24	19.11	22.18	20.94	21.61	24.30	<=30	Pass
		Edge 1RB Right	19.51	19.96	22.75	21.21	22.46	24.89	<=30	Pass
		Outer Full	18.85	19.66	22.29	20.55	22.16	24.44	<=30	Pass
		Inner Full	18.71	19.58	22.18	20.41	22.08	24.34	<=30	Pass
		Inner 1RB Left	19.20	19.07	22.15	20.90	21.57	24.26	<=30	Pass
		Inner 1RB Right	19.66	20.04	22.86	21.36	22.54	25.00	<=30	Pass

	3514.98	Edge_1RB_Left	18.37	19.66	22.07	20.07	22.16	24.25	<=30	Pass
		Edge_1RB_Right	18.98	19.78	22.41	20.68	22.28	24.56	<=30	Pass
		Outer_Full	19.06	19.91	22.51	20.76	22.41	24.67	<=30	Pass
		Inner_Full	19.14	19.80	22.49	20.84	22.30	24.64	<=30	Pass
		Inner_1RB_Left	18.33	19.67	22.06	20.03	22.17	24.24	<=30	Pass
		Inner_1RB_Right	18.99	19.87	22.46	20.69	22.37	24.62	<=30	Pass
CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	15.89	16.60	19.27	17.59	19.10	21.42	<=30	Pass
		Edge_1RB_Right	15.73	16.78	19.30	17.43	19.28	21.46	<=30	Pass
		Outer_Full	15.81	16.50	19.18	17.51	19.00	21.33	<=30	Pass
		Inner_Full	15.53	16.47	19.03	17.23	18.97	21.20	<=30	Pass
		Inner_1RB_Left	15.73	16.88	19.36	17.43	19.38	21.52	<=30	Pass
		Inner_1RB_Right	15.67	16.77	19.27	17.37	19.27	21.43	<=30	Pass
	3500.01	Edge_1RB_Left	16.02	16.54	19.30	17.72	19.04	21.44	<=30	Pass
		Edge_1RB_Right	16.44	17.04	19.76	18.14	19.54	21.91	<=30	Pass
		Outer_Full	15.87	16.49	19.20	17.57	18.99	21.35	<=30	Pass
		Inner_Full	15.69	16.60	19.18	17.39	19.10	21.34	<=30	Pass
		Inner_1RB_Left	16.37	16.27	19.33	18.07	18.77	21.44	<=30	Pass
		Inner_1RB_Right	16.68	16.93	19.82	18.38	19.43	21.95	<=30	Pass
	3514.98	Edge_1RB_Left	15.32	16.92	19.20	17.02	19.42	21.39	<=30	Pass
		Edge_1RB_Right	15.86	16.97	19.46	17.56	19.47	21.63	<=30	Pass
		Outer_Full	16.09	17.02	19.59	17.79	19.52	21.75	<=30	Pass
		Inner_Full	16.16	16.86	19.53	17.86	19.36	21.68	<=30	Pass
		Inner_1RB_Left	15.31	16.78	19.11	17.01	19.28	21.30	<=30	Pass
		Inner_1RB_Right	15.92	16.99	19.50	17.62	19.49	21.67	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.16 30k_MIMO_80MHz_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 80MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3490.02	Edge 1RB Left	18.93	19.70	22.34	20.63	22.20	24.50	<=30	Pass
		Edge 1RB Right	19.51	20.00	22.78	21.21	22.50	24.91	<=30	Pass
		Outer Full	19.43	20.02	22.74	21.13	22.52	24.89	<=30	Pass
		Inner Full	20.63	21.51	24.10	22.33	24.01	26.26	<=30	Pass
		Inner 1RB Left	20.75	21.70	24.26	22.45	24.20	26.42	<=30	Pass
		Inner 1RB Right	21.48	21.96	24.74	23.18	24.46	26.88	<=30	Pass
	3500.01	Edge 1RB Left	19.20	19.34	22.28	20.90	21.84	24.41	<=30	Pass
		Edge 1RB Right	19.56	20.01	22.80	21.26	22.51	24.94	<=30	Pass
		Outer Full	19.44	20.07	22.78	21.14	22.57	24.92	<=30	Pass
		Inner Full	20.71	21.57	24.17	22.41	24.07	26.33	<=30	Pass
		Inner 1RB Left	21.18	21.24	24.22	22.88	23.74	26.34	<=30	Pass
		Inner 1RB Right	21.43	21.91	24.69	23.13	24.41	26.83	<=30	Pass
	3510	Edge 1RB Left	19.02	19.38	22.21	20.72	21.88	24.35	<=30	Pass
		Edge 1RB Right	18.93	19.87	22.44	20.63	22.37	24.60	<=30	Pass
		Outer Full	19.46	20.15	22.83	21.16	22.65	24.98	<=30	Pass
		Inner Full	20.92	21.67	24.32	22.62	24.17	26.47	<=30	Pass
		Inner 1RB Left	20.99	21.42	24.22	22.69	23.92	26.36	<=30	Pass
		Inner 1RB Right	20.90	21.88	24.43	22.60	24.38	26.59	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge 1RB Left	18.82	19.65	22.26	20.52	22.15	24.42	<=30	Pass
		Edge 1RB Right	19.44	20.27	22.88	21.14	22.77	25.04	<=30	Pass
		Outer Full	19.41	20.09	22.77	21.11	22.59	24.92	<=30	Pass
		Inner Full	20.16	21.04	23.63	21.86	23.54	25.79	<=30	Pass
		Inner 1RB Left	20.43	21.18	23.83	22.13	23.68	25.98	<=30	Pass
		Inner 1RB Right	21.09	21.47	24.29	22.79	23.97	26.43	<=30	Pass
	3500.01	Edge 1RB Left	19.24	19.27	22.26	20.94	21.77	24.39	<=30	Pass

		Edge 1RB Right	19.42	19.82	22.64	21.12	22.32	24.77	<=30	Pass
		Outer_Full	19.43	20.06	22.76	21.13	22.56	24.91	<=30	Pass
		Inner_Full	20.21	21.08	23.68	21.91	23.58	25.84	<=30	Pass
		Inner_1RB_Left	20.72	20.66	23.70	22.42	23.16	25.82	<=30	Pass
		Inner_1RB_Right	21.10	21.34	24.23	22.80	23.84	26.36	<=30	Pass
		Edge_1RB_Left	19.14	19.28	22.22	20.84	21.78	24.35	<=30	Pass
		Edge_1RB_Right	19.01	19.84	22.45	20.71	22.34	24.61	<=30	Pass
		Outer_Full	19.44	20.23	22.86	21.14	22.73	25.02	<=30	Pass
		Inner_Full	20.43	21.20	23.84	22.13	23.70	26.00	<=30	Pass
		Inner_1RB_Left	20.58	20.77	23.68	22.28	23.27	25.81	<=30	Pass
		Inner_1RB_Right	20.52	21.25	23.91	22.22	23.75	26.06	<=30	Pass
		CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	18.84	19.64	22.27	20.54	22.14	24.42
Edge_1RB_Right	19.40			20.13	22.79	21.10	22.63	24.94	<=30	Pass
Outer_Full	18.92			19.57	22.27	20.62	22.07	24.42	<=30	Pass
Inner_Full	18.67			19.58	22.16	20.37	22.08	24.32	<=30	Pass
Inner_1RB_Left	18.54			19.65	22.14	20.24	22.15	24.31	<=30	Pass
Inner_1RB_Right	19.44			20.06	22.77	21.14	22.56	24.92	<=30	Pass
3500.01	Edge_1RB_Left		19.22	19.24	22.24	20.92	21.74	24.36	<=30	Pass
	Edge_1RB_Right		19.50	19.70	22.61	21.20	22.20	24.74	<=30	Pass
	Outer_Full		19.00	19.68	22.37	20.70	22.18	24.51	<=30	Pass
	Inner_Full		18.75	19.64	22.23	20.45	22.14	24.39	<=30	Pass
	Inner_1RB_Left		19.29	19.10	22.21	20.99	21.60	24.32	<=30	Pass
	Inner_1RB_Right		19.53	19.79	22.67	21.23	22.29	24.80	<=30	Pass
3510	Edge_1RB_Left		18.93	19.35	22.16	20.63	21.85	24.29	<=30	Pass
	Edge_1RB_Right		18.82	19.83	22.36	20.52	22.33	24.53	<=30	Pass
	Outer_Full		19.00	19.83	22.44	20.70	22.33	24.60	<=30	Pass
	Inner_Full		18.91	19.73	22.35	20.61	22.23	24.51	<=30	Pass
	Inner_1RB_Left		18.89	19.43	22.18	20.59	21.93	24.32	<=30	Pass
	Inner_1RB_Right		18.88	19.81	22.38	20.58	22.31	24.54	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	15.78	16.78	19.32	17.48	19.28	21.48	<=30	Pass
		Edge_1RB_Right	16.57	16.72	19.66	18.27	19.22	21.78	<=30	Pass
		Outer_Full	15.88	16.54	19.24	17.58	19.04	21.38	<=30	Pass
		Inner_Full	15.65	16.56	19.14	17.35	19.06	21.30	<=30	Pass
		Inner_1RB_Left	15.94	16.57	19.28	17.64	19.07	21.42	<=30	Pass
		Inner_1RB_Right	16.57	16.80	19.70	18.27	19.30	21.83	<=30	Pass
	3500.01	Edge_1RB_Left	16.10	16.56	19.35	17.80	19.06	21.49	<=30	Pass
		Edge_1RB_Right	16.34	17.14	19.76	18.04	19.64	21.92	<=30	Pass
		Outer_Full	16.01	16.67	19.36	17.71	19.17	21.51	<=30	Pass
		Inner_Full	15.74	16.63	19.22	17.44	19.13	21.38	<=30	Pass
		Inner_1RB_Left	16.39	16.17	19.29	18.09	18.67	21.40	<=30	Pass
		Inner_1RB_Right	16.73	16.99	19.87	18.43	19.49	22.00	<=30	Pass
	3510	Edge_1RB_Left	16.12	16.20	19.17	17.82	18.70	21.29	<=30	Pass
		Edge_1RB_Right	15.69	16.88	19.33	17.39	19.38	21.51	<=30	Pass
		Outer_Full	15.97	16.79	19.41	17.67	19.29	21.57	<=30	Pass
		Inner_Full	15.91	16.57	19.26	17.61	19.07	21.41	<=30	Pass
		Inner_1RB_Left	16.07	16.22	19.16	17.77	18.72	21.28	<=30	Pass
		Inner_1RB_Right	16.04	16.68	19.38	17.74	19.18	21.53	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.17 30k_MIMO_90MHz_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 90MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3495	Edge 1RB Left	18.81	19.83	22.36	20.51	22.33	24.52	<=30	Pass
		Edge 1RB Right	19.54	19.98	22.77	21.24	22.48	24.91	<=30	Pass

		Outer Full	19.47	19.98	22.75	21.17	22.48	24.88	<=30	Pass
		Inner Full	20.59	21.49	24.07	22.29	23.99	26.23	<=30	Pass
		Inner 1RB Left	21.03	21.64	24.36	22.73	24.14	26.50	<=30	Pass
		Inner 1RB Right	21.56	21.99	24.79	23.26	24.49	26.93	<=30	Pass
	3500.01	Edge 1RB Left	19.05	19.50	22.29	20.75	22.00	24.43	<=30	Pass
		Edge 1RB Right	19.11	19.91	22.54	20.81	22.41	24.69	<=30	Pass
		Outer Full	19.46	20.06	22.78	21.16	22.56	24.93	<=30	Pass
		Inner Full	20.61	21.59	24.14	22.31	24.09	26.30	<=30	Pass
	3504.99	Inner 1RB Left	20.98	21.47	24.24	22.68	23.97	26.38	<=30	Pass
		Inner 1RB Right	21.22	21.94	24.60	22.92	24.44	26.76	<=30	Pass
		Edge 1RB Left	19.25	19.38	22.33	20.95	21.88	24.45	<=30	Pass
		Edge 1RB Right	19.02	19.97	22.53	20.72	22.47	24.69	<=30	Pass
		Outer Full	19.46	20.18	22.84	21.16	22.68	25.00	<=30	Pass
		Inner Full	20.83	21.75	24.33	22.53	24.25	26.48	<=30	Pass
		Inner 1RB Left	21.47	21.35	24.42	23.17	23.85	26.53	<=30	Pass
		Inner 1RB Right	21.16	21.88	24.54	22.86	24.38	26.70	<=30	Pass
CP-OFDM 16 QAM	3495	Edge 1RB Left	18.72	19.59	22.19	20.42	22.09	24.35	<=30	Pass
		Edge 1RB Right	19.49	19.93	22.72	21.19	22.43	24.86	<=30	Pass
		Outer Full	19.48	20.08	22.80	21.18	22.58	24.95	<=30	Pass
		Inner Full	20.13	20.97	23.58	21.83	23.47	25.74	<=30	Pass
	3500.01	Inner 1RB Left	20.35	21.21	23.81	22.05	23.71	25.97	<=30	Pass
		Inner 1RB Right	20.89	21.66	24.30	22.59	24.16	26.46	<=30	Pass
		Edge 1RB Left	19.01	19.41	22.22	20.71	21.91	24.36	<=30	Pass
		Edge 1RB Right	19.16	19.87	22.54	20.86	22.37	24.69	<=30	Pass
	3504.99	Outer Full	19.50	20.16	22.86	21.20	22.66	25.00	<=30	Pass
		Inner Full	20.27	21.14	23.73	21.97	23.64	25.90	<=30	Pass
		Inner 1RB Left	20.38	20.96	23.69	22.08	23.46	25.83	<=30	Pass
		Inner 1RB Right	20.61	21.36	24.01	22.31	23.86	26.16	<=30	Pass
		Edge 1RB Left	19.28	19.24	22.27	20.98	21.74	24.39	<=30	Pass
		Edge 1RB Right	19.08	19.96	22.55	20.78	22.46	24.71	<=30	Pass
		Outer Full	19.50	20.31	22.93	21.20	22.81	25.09	<=30	Pass
		Inner Full	20.31	21.24	23.81	22.01	23.74	25.97	<=30	Pass
CP-OFDM 64 QAM	3495	Inner 1RB Left	20.77	21.05	23.92	22.47	23.55	26.05	<=30	Pass
		Inner 1RB Right	20.38	21.28	23.86	22.08	23.78	26.02	<=30	Pass
		Edge 1RB Left	18.81	19.45	22.15	20.51	21.95	24.30	<=30	Pass
		Edge 1RB Right	19.50	19.90	22.72	21.20	22.40	24.85	<=30	Pass
	3500.01	Outer Full	18.98	19.57	22.30	20.68	22.07	24.44	<=30	Pass
		Inner Full	18.63	19.49	22.10	20.33	21.99	24.25	<=30	Pass
		Inner 1RB Left	18.62	19.74	22.23	20.32	22.24	24.40	<=30	Pass
		Inner 1RB Right	19.31	20.01	22.69	21.01	22.51	24.83	<=30	Pass
	3504.99	Edge 1RB Left	18.99	19.27	22.14	20.69	21.77	24.27	<=30	Pass
		Edge 1RB Right	19.05	19.85	22.48	20.75	22.35	24.63	<=30	Pass
		Outer Full	19.07	19.65	22.38	20.77	22.15	24.52	<=30	Pass
		Inner Full	18.70	19.65	22.21	20.40	22.15	24.37	<=30	Pass
CP-OFDM 256 QAM	3495	Inner 1RB Left	19.03	19.23	22.14	20.73	21.73	24.27	<=30	Pass
		Inner 1RB Right	19.21	19.73	22.49	20.91	22.23	24.63	<=30	Pass
		Edge 1RB Left	19.10	19.32	22.22	20.80	21.82	24.35	<=30	Pass
		Edge 1RB Right	18.98	19.66	22.34	20.68	22.16	24.49	<=30	Pass
	3500.01	Outer Full	19.03	19.79	22.43	20.73	22.29	24.59	<=30	Pass
		Inner Full	18.85	19.82	22.37	20.55	22.32	24.53	<=30	Pass
		Inner 1RB Left	19.17	19.45	22.33	20.87	21.95	24.45	<=30	Pass
		Inner 1RB Right	18.87	19.93	22.44	20.57	22.43	24.61	<=30	Pass
	3495	Edge 1RB Left	15.81	16.58	19.22	17.51	19.08	21.38	<=30	Pass
		Edge 1RB Right	16.43	16.93	19.70	18.13	19.43	21.84	<=30	Pass
		Outer Full	15.97	16.59	19.30	17.67	19.09	21.45	<=30	Pass
		Inner Full	15.58	16.44	19.04	17.28	18.94	21.20	<=30	Pass
	3500.01	Inner 1RB Left	15.97	16.63	19.32	17.67	19.13	21.47	<=30	Pass
		Inner 1RB Right	16.61	16.91	19.77	18.31	19.41	21.91	<=30	Pass
		Edge 1RB Left	15.94	16.56	19.27	17.64	19.06	21.42	<=30	Pass

		Edge 1RB Right	16.28	16.80	19.56	17.98	19.30	21.70	<=30	Pass
		Outer Full	16.01	16.65	19.35	17.71	19.15	21.50	<=30	Pass
		Inner Full	15.77	16.64	19.24	17.47	19.14	21.40	<=30	Pass
		Inner 1RB Left	16.13	16.39	19.27	17.83	18.89	21.40	<=30	Pass
		Inner 1RB Right	16.32	16.87	19.61	18.02	19.37	21.76	<=30	Pass
	3504.99	Edge 1RB Left	16.37	16.20	19.29	18.07	18.70	21.41	<=30	Pass
		Edge 1RB Right	16.06	16.75	19.43	17.76	19.25	21.58	<=30	Pass
		Outer Full	16.10	16.90	19.53	17.80	19.40	21.68	<=30	Pass
		Inner Full	15.82	16.75	19.32	17.52	19.25	21.48	<=30	Pass
		Inner 1RB Left	16.45	16.23	19.35	18.15	18.73	21.46	<=30	Pass
		Inner 1RB Right	16.16	16.74	19.47	17.86	19.24	21.61	<=30	Pass
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.1.18 30k_MIMO_100MHz_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 100MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3500.01	Edge 1RB Left	18.67	19.62	22.18	20.37	22.12	24.34	<=30	Pass
		Edge 1RB Right	18.88	19.86	22.41	20.58	22.36	24.57	<=30	Pass
		Outer Full	19.49	20.11	22.82	21.19	22.61	24.97	<=30	Pass
		Inner Full	20.76	21.57	24.19	22.46	24.07	26.35	<=30	Pass
		Inner 1RB Left	20.66	21.74	24.24	22.36	24.24	26.41	<=30	Pass
		Inner 1RB Right	21.03	21.71	24.39	22.73	24.21	26.54	<=30	Pass
	3500.01	Edge 1RB Left	18.72	19.71	22.25	20.42	22.21	24.42	<=30	Pass
		Edge 1RB Right	18.91	19.78	22.38	20.61	22.28	24.54	<=30	Pass
		Outer Full	19.47	20.15	22.83	21.17	22.65	24.98	<=30	Pass
		Inner Full	20.71	21.58	24.18	22.41	24.08	26.34	<=30	Pass
		Inner 1RB Left	20.63	21.65	24.18	22.33	24.15	26.34	<=30	Pass
		Inner 1RB Right	20.91	21.73	24.35	22.61	24.23	26.51	<=30	Pass
	3499.98	Edge 1RB Left	18.83	19.60	22.25	20.53	22.10	24.40	<=30	Pass
		Edge 1RB Right	18.97	19.76	22.39	20.67	22.26	24.55	<=30	Pass
		Outer Full	19.53	20.10	22.84	21.23	22.60	24.98	<=30	Pass
		Inner Full	20.75	21.58	24.20	22.45	24.08	26.35	<=30	Pass
		Inner 1RB Left	20.81	21.66	24.26	22.51	24.16	26.42	<=30	Pass
		Inner 1RB Right	20.93	21.73	24.36	22.63	24.23	26.51	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge 1RB Left	18.79	19.57	22.21	20.49	22.07	24.36	<=30	Pass
		Edge 1RB Right	18.83	19.90	22.40	20.53	22.40	24.58	<=30	Pass
		Outer Full	19.57	20.14	22.88	21.27	22.64	25.02	<=30	Pass
		Inner Full	20.16	21.12	23.67	21.86	23.62	25.84	<=30	Pass
		Inner 1RB Left	20.17	21.19	23.72	21.87	23.69	25.88	<=30	Pass
		Inner 1RB Right	20.39	21.44	23.96	22.09	23.94	26.12	<=30	Pass
	3500.01	Edge 1RB Left	18.67	19.59	22.17	20.37	22.09	24.32	<=30	Pass
		Edge 1RB Right	18.85	19.86	22.39	20.55	22.36	24.56	<=30	Pass
		Outer Full	19.51	20.16	22.86	21.21	22.66	25.01	<=30	Pass
		Inner Full	20.28	21.15	23.75	21.98	23.65	25.91	<=30	Pass
		Inner 1RB Left	20.19	21.23	23.75	21.89	23.73	25.92	<=30	Pass
		Inner 1RB Right	20.36	21.47	23.96	22.06	23.97	26.13	<=30	Pass
	3499.98	Edge 1RB Left	18.82	19.64	22.26	20.52	22.14	24.42	<=30	Pass
		Edge 1RB Right	18.90	19.94	22.46	20.60	22.44	24.63	<=30	Pass
		Outer Full	19.56	20.17	22.89	21.26	22.67	25.03	<=30	Pass
		Inner Full	20.33	21.15	23.77	22.03	23.65	25.93	<=30	Pass
		Inner 1RB Left	20.42	21.12	23.80	22.12	23.62	25.94	<=30	Pass
		Inner 1RB Right	20.48	21.29	23.91	22.18	23.79	26.07	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge 1RB Left	18.75	19.58	22.19	20.45	22.08	24.35	<=30	Pass
		Edge 1RB Right	18.84	19.61	22.25	20.54	22.11	24.41	<=30	Pass

		Outer_Full	18.98	19.68	22.35	20.68	22.18	24.50	<=30	Pass	
		Inner_Full	18.77	19.64	22.23	20.47	22.14	24.40	<=30	Pass	
		Inner_1RB_Left	18.43	19.61	22.07	20.13	22.11	24.24	<=30	Pass	
		Inner_1RB_Right	18.82	19.81	22.35	20.52	22.31	24.52	<=30	Pass	
	3500.01	Edge_1RB_Left	18.52	19.67	22.14	20.22	22.17	24.31	<=30	Pass	
		Edge_1RB_Right	18.82	19.61	22.24	20.52	22.11	24.40	<=30	Pass	
		Outer_Full	18.96	19.70	22.36	20.66	22.20	24.51	<=30	Pass	
		Inner_Full	18.84	19.64	22.27	20.54	22.14	24.42	<=30	Pass	
	3499.98	Inner_1RB_Left	18.59	19.70	22.19	20.29	22.20	24.36	<=30	Pass	
		Inner_1RB_Right	18.75	19.80	22.32	20.45	22.30	24.48	<=30	Pass	
		Edge_1RB_Left	18.82	19.56	22.21	20.52	22.06	24.37	<=30	Pass	
		Edge_1RB_Right	18.85	19.70	22.31	20.55	22.20	24.46	<=30	Pass	
	CP-OFDM 256 QAM	3500.01	Outer_Full	19.09	19.68	22.40	20.79	22.18	24.55	<=30	Pass
			Inner_Full	18.78	19.67	22.26	20.48	22.17	24.42	<=30	Pass
			Inner_1RB_Left	18.79	19.41	22.12	20.49	21.91	24.27	<=30	Pass
			Inner_1RB_Right	19.05	19.55	22.32	20.75	22.05	24.46	<=30	Pass
3500.01		Edge_1RB_Left	15.77	16.49	19.16	17.47	18.99	21.31	<=30	Pass	
		Edge_1RB_Right	15.95	16.59	19.29	17.65	19.09	21.44	<=30	Pass	
		Outer_Full	15.96	16.65	19.33	17.66	19.15	21.48	<=30	Pass	
		Inner_Full	15.73	16.58	19.19	17.43	19.08	21.34	<=30	Pass	
3499.98		Inner_1RB_Left	15.56	16.67	19.16	17.26	19.17	21.33	<=30	Pass	
		Inner_1RB_Right	15.76	16.87	19.36	17.46	19.37	21.53	<=30	Pass	
		Edge_1RB_Left	15.95	16.60	19.30	17.65	19.10	21.45	<=30	Pass	
		Edge_1RB_Right	16.00	16.68	19.36	17.70	19.18	21.51	<=30	Pass	
		Outer_Full	16.01	16.64	19.35	17.71	19.14	21.49	<=30	Pass	
		Inner_Full	15.83	16.66	19.28	17.53	19.16	21.43	<=30	Pass	
		Inner_1RB_Left	15.84	16.57	19.23	17.54	19.07	21.38	<=30	Pass	
		Inner_1RB_Right	16.13	16.71	19.44	17.83	19.21	21.58	<=30	Pass	
	Edge_1RB_Left	15.83	16.58	19.23	17.53	19.08	21.38	<=30	Pass		
	Edge_1RB_Right	15.77	16.83	19.34	17.47	19.33	21.51	<=30	Pass		
	Outer_Full	16.10	16.86	19.51	17.80	19.36	21.66	<=30	Pass		
	Inner_Full	15.87	16.70	19.32	17.57	19.20	21.47	<=30	Pass		
	Inner_1RB_Left	15.73	16.69	19.25	17.43	19.19	21.41	<=30	Pass		
	Inner_1RB_Right	15.85	16.87	19.40	17.55	19.37	21.56	<=30	Pass		
Note1: Antenna Gain: Ant3: 1.70dBi; Ant7: 2.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2											

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_100MHz

5G NR n78e SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	20	LV	-16.20	-0.0046	>=-2.5 & <=2.5	Pass
				HV	-7.60	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	2.30	0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-17.70	-0.0051	>=-2.5 & <=2.5	Pass

			40	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
			50	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-12.30	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-2.00	-0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	-1.50	-0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	11.60	0.0033	>=-2.5 & <=2.5	Pass
			-10	NV	-13.90	-0.0040	>=-2.5 & <=2.5	Pass
			0	NV	-19.90	-0.0057	>=-2.5 & <=2.5	Pass
			10	NV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			30	NV	-21.00	-0.0060	>=-2.5 & <=2.5	Pass
			40	NV	-26.20	-0.0075	>=-2.5 & <=2.5	Pass
			50	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	2.40	0.0007	>=-2.5 & <=2.5	Pass
				HV	-5.90	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-17.20	-0.0049	>=-2.5 & <=2.5	Pass
			-20	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-19.90	-0.0057	>=-2.5 & <=2.5	Pass
			0	NV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
			10	NV	-8.80	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-19.00	-0.0054	>=-2.5 & <=2.5	Pass
			30	NV	-13.00	-0.0037	>=-2.5 & <=2.5	Pass
			40	NV	13.70	0.0039	>=-2.5 & <=2.5	Pass
			50	NV	-9.70	-0.0028	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-6.60	-0.0019	>=-2.5 & <=2.5	Pass
				HV	-13.30	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-15.80	-0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	-14.10	-0.0040	>=-2.5 & <=2.5	Pass
			0	NV	-14.10	-0.0040	>=-2.5 & <=2.5	Pass
			10	NV	-3.30	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-12.40	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-14.60	-0.0042	>=-2.5 & <=2.5	Pass
			40	NV	-12.10	-0.0035	>=-2.5 & <=2.5	Pass
			50	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	10.40	0.0030	>=-2.5 & <=2.5	Pass
				HV	-9.00	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-1.30	-0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-19.00	-0.0054	>=-2.5 & <=2.5	Pass
			-10	NV	-11.40	-0.0033	>=-2.5 & <=2.5	Pass
			0	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-18.50	-0.0053	>=-2.5 & <=2.5	Pass
			20	NV	-16.40	-0.0047	>=-2.5 & <=2.5	Pass
			30	NV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
			50	NV	-18.40	-0.0053	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-3.40	-0.0010	>=-2.5 & <=2.5	Pass
				HV	-10.40	-0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	3.90	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	4.10	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-7.40	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	3.70	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-17.50	-0.0050	>=-2.5 & <=2.5	Pass
			20	NV	-4.70	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	5.70	0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
				HV	-10.00	-0.0029	>=-2.5 & <=2.5	Pass

			-30	NV	-6.70	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-13.90	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-7.10	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.90	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-20.90	-0.0060	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-1.30	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.40	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	9.70	0.0028	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				HV	-6.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-20.10	-0.0057	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.30	0.0012	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-12.80	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-10.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.70	0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-11.60	-0.0033	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	40	NV	-2.30	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-17.20	-0.0049	≥ -2.5 & ≤ 2.5	Pass
			20	LV	-5.90	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	-11.10	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-20.30	-0.0058	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-4.40	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-3.60	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-10.00	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.10	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.90	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.10	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.30	-0.0009	≥ -2.5 & ≤ 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30k_SISO_20MHz_NTNV

5G NR n78e SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3460.02	Outer_Full	18.14	19.85	/	Pass
	3500.01	Outer_Full	18.15	19.98	/	Pass
	3540	Outer_Full	18.11	19.75	/	Pass
DFT-s-OFDM QPSK	3460.02	Outer_Full	18.32	27.52	/	Pass
	3500.01	Outer_Full	18.30	26.62	/	Pass
	3540	Outer_Full	18.20	21.95	/	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer_Full	18.24	24.88	/	Pass
	3500.01	Outer_Full	18.21	27.34	/	Pass
	3540	Outer_Full	18.20	19.98	/	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	18.23	21.70	/	Pass
	3500.01	Outer_Full	18.25	20.41	/	Pass
	3540	Outer_Full	18.19	19.86	/	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer_Full	18.09	19.79	/	Pass
	3500.01	Outer_Full	18.11	20.05	/	Pass
	3540	Outer_Full	18.12	20.12	/	Pass

CP-OFDM QPSK	3460.02	Outer_Full	18.70	31.65	/	Pass
	3500.01	Outer_Full	18.61	29.89	/	Pass
	3540	Outer_Full	18.58	25.96	/	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	18.75	31.51	/	Pass
	3500.01	Outer_Full	18.70	30.54	/	Pass
	3540	Outer_Full	18.61	29.32	/	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	18.64	31.54	/	Pass
	3500.01	Outer_Full	18.61	31.79	/	Pass
	3540	Outer_Full	18.59	25.12	/	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	18.42	20.36	/	Pass
	3500.01	Outer_Full	18.42	20.41	/	Pass
	3540	Outer_Full	18.39	20.44	/	Pass

3.1.2 30k_SISO_30MHz_NTNV

5G NR n78e SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3465	Outer_Full	27.20	29.52	/	Pass
	3500.01	Outer_Full	27.20	29.52	/	Pass
	3534.99	Outer_Full	27.23	29.61	/	Pass
DFT-s-OFDM QPSK	3465	Outer_Full	27.37	32.48	/	Pass
	3500.01	Outer_Full	27.36	35.11	/	Pass
	3534.99	Outer_Full	27.32	32.80	/	Pass
DFT-s-OFDM 16 QAM	3465	Outer_Full	27.33	36.84	/	Pass
	3500.01	Outer_Full	27.32	39.31	/	Pass
	3534.99	Outer_Full	27.39	29.69	/	Pass
DFT-s-OFDM 64 QAM	3465	Outer_Full	27.32	38.35	/	Pass
	3500.01	Outer_Full	27.32	37.38	/	Pass
	3534.99	Outer_Full	27.27	35.37	/	Pass
DFT-s-OFDM 256 QAM	3465	Outer_Full	27.21	29.38	/	Pass
	3500.01	Outer_Full	27.17	29.58	/	Pass
	3534.99	Outer_Full	27.28	29.72	/	Pass
CP-OFDM QPSK	3465	Outer_Full	28.54	55.76	/	Pass
	3500.01	Outer_Full	28.49	48.92	/	Pass
	3534.99	Outer_Full	28.52	53.10	/	Pass
CP-OFDM 16 QAM	3465	Outer_Full	28.59	55.82	/	Pass
	3500.01	Outer_Full	28.49	46.04	/	Pass
	3534.99	Outer_Full	28.53	41.58	/	Pass
CP-OFDM 64 QAM	3465	Outer_Full	28.36	44.29	/	Pass
	3500.01	Outer_Full	28.33	47.41	/	Pass
	3534.99	Outer_Full	28.35	33.68	/	Pass
CP-OFDM 256 QAM	3465	Outer_Full	28.11	32.43	/	Pass
	3500.01	Outer_Full	28.18	30.75	/	Pass
	3534.99	Outer_Full	28.26	30.64	/	Pass

3.1.3 30k_SISO_40MHz_NTNV

5G NR n78e SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3470.01	Outer_Full	36.09	38.98	/	Pass
	3500.01	Outer_Full	36.24	39.02	/	Pass
	3529.98	Outer_Full	36.25	38.98	/	Pass
DFT-s-OFDM QPSK	3470.01	Outer_Full	36.30	51.56	/	Pass
	3500.01	Outer_Full	36.28	56.45	/	Pass

	3529.98	Outer_Full	36.31	56.73	/	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	36.43	47.33	/	Pass
	3500.01	Outer_Full	36.30	44.74	/	Pass
	3529.98	Outer_Full	36.44	48.38	/	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	36.26	41.06	/	Pass
	3500.01	Outer_Full	36.26	41.59	/	Pass
	3529.98	Outer_Full	36.28	39.96	/	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	36.09	38.82	/	Pass
	3500.01	Outer_Full	36.11	39.12	/	Pass
	3529.98	Outer_Full	36.24	38.80	/	Pass
CP-OFDM QPSK	3470.01	Outer_Full	38.64	76.02	/	Pass
	3500.01	Outer_Full	38.68	72.65	/	Pass
	3529.98	Outer_Full	38.64	69.64	/	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	38.55	70.12	/	Pass
	3500.01	Outer_Full	38.65	66.51	/	Pass
	3529.98	Outer_Full	38.63	67.04	/	Pass
CP-OFDM 64 QAM	3470.01	Outer_Full	38.49	63.34	/	Pass
	3500.01	Outer_Full	38.42	65.48	/	Pass
	3529.98	Outer_Full	38.57	63.75	/	Pass
CP-OFDM 256 QAM	3470.01	Outer_Full	38.22	40.85	/	Pass
	3500.01	Outer_Full	38.39	41.20	/	Pass
	3529.98	Outer_Full	38.39	41.28	/	Pass

3.1.4 30k_SISO_50MHz_NTNV

5G NR n78e SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3475.02	Outer_Full	46.37	49.55	/	Pass
	3500.01	Outer_Full	46.35	49.73	/	Pass
	3525	Outer_Full	46.45	49.50	/	Pass
DFT-s-OFDM QPSK	3475.02	Outer_Full	46.43	55.39	/	Pass
	3500.01	Outer_Full	46.37	53.63	/	Pass
	3525	Outer_Full	46.42	50.38	/	Pass
DFT-s-OFDM 16 QAM	3475.02	Outer_Full	46.37	57.25	/	Pass
	3500.01	Outer_Full	46.43	49.71	/	Pass
	3525	Outer_Full	46.48	51.32	/	Pass
DFT-s-OFDM 64 QAM	3475.02	Outer_Full	46.25	53.06	/	Pass
	3500.01	Outer_Full	46.29	53.34	/	Pass
	3525	Outer_Full	46.39	49.55	/	Pass
DFT-s-OFDM 256 QAM	3475.02	Outer_Full	46.13	49.35	/	Pass
	3500.01	Outer_Full	46.13	49.42	/	Pass
	3525	Outer_Full	46.14	49.52	/	Pass
CP-OFDM QPSK	3475.02	Outer_Full	48.43	87.81	/	Pass
	3500.01	Outer_Full	48.49	78.32	/	Pass
	3525	Outer_Full	48.34	73.98	/	Pass
CP-OFDM 16 QAM	3475.02	Outer_Full	48.43	101.33	/	Pass
	3500.01	Outer_Full	48.44	89.16	/	Pass
	3525	Outer_Full	48.44	86.42	/	Pass
CP-OFDM 64 QAM	3475.02	Outer_Full	48.15	85.29	/	Pass
	3500.01	Outer_Full	48.18	83.28	/	Pass
	3525	Outer_Full	48.23	72.86	/	Pass
CP-OFDM 256 QAM	3475.02	Outer_Full	47.86	51.23	/	Pass
	3500.01	Outer_Full	47.92	51.33	/	Pass
	3525	Outer_Full	47.95	51.24	/	Pass

3.1.5 30k_SISO_60MHz_NTNV

5G NR n78e SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3480	Outer_Full	58.46	62.78	/	Pass
	3500.01	Outer_Full	58.40	63.16	/	Pass
	3519.99	Outer_Full	58.59	62.73	/	Pass
DFT-s-OFDM QPSK	3480	Outer_Full	58.72	74.61	/	Pass
	3500.01	Outer_Full	58.77	70.61	/	Pass
	3519.99	Outer_Full	58.99	65.61	/	Pass
DFT-s-OFDM 16 QAM	3480	Outer_Full	58.73	72.33	/	Pass
	3500.01	Outer_Full	58.57	77.32	/	Pass
	3519.99	Outer_Full	58.72	71.56	/	Pass
DFT-s-OFDM 64 QAM	3480	Outer_Full	58.32	62.54	/	Pass
	3500.01	Outer_Full	58.48	62.76	/	Pass
	3519.99	Outer_Full	58.57	62.59	/	Pass
DFT-s-OFDM 256 QAM	3480	Outer_Full	58.20	62.39	/	Pass
	3500.01	Outer_Full	58.15	62.09	/	Pass
	3519.99	Outer_Full	58.31	62.27	/	Pass
CP-OFDM QPSK	3480	Outer_Full	58.88	130.11	/	Pass
	3500.01	Outer_Full	58.89	101.51	/	Pass
	3519.99	Outer_Full	59.05	100.11	/	Pass
CP-OFDM 16 QAM	3480	Outer_Full	58.73	102.24	/	Pass
	3500.01	Outer_Full	58.76	94.89	/	Pass
	3519.99	Outer_Full	58.85	92.75	/	Pass
CP-OFDM 64 QAM	3480	Outer_Full	58.75	83.53	/	Pass
	3500.01	Outer_Full	58.58	92.13	/	Pass
	3519.99	Outer_Full	58.67	80.78	/	Pass
CP-OFDM 256 QAM	3480	Outer_Full	58.28	62.30	/	Pass
	3500.01	Outer_Full	58.24	62.02	/	Pass
	3519.99	Outer_Full	58.43	62.79	/	Pass

3.1.6 30k_SISO_70MHz_NTNV

5G NR n78e SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3485.01	Outer_Full	65.28	69.65	/	Pass
	3500.01	Outer_Full	65.20	69.97	/	Pass
	3514.98	Outer_Full	65.13	70.19	/	Pass
DFT-s-OFDM QPSK	3485.01	Outer_Full	65.23	89.47	/	Pass
	3500.01	Outer_Full	65.38	78.44	/	Pass
	3514.98	Outer_Full	65.44	72.21	/	Pass
DFT-s-OFDM 16 QAM	3485.01	Outer_Full	65.37	69.81	/	Pass
	3500.01	Outer_Full	65.38	78.07	/	Pass
	3514.98	Outer_Full	65.62	77.99	/	Pass
DFT-s-OFDM 64 QAM	3485.01	Outer_Full	65.28	69.80	/	Pass
	3500.01	Outer_Full	65.21	69.74	/	Pass
	3514.98	Outer_Full	65.22	74.35	/	Pass
DFT-s-OFDM 256 QAM	3485.01	Outer_Full	64.77	69.63	/	Pass
	3500.01	Outer_Full	64.79	69.71	/	Pass
	3514.98	Outer_Full	64.90	69.39	/	Pass
CP-OFDM QPSK	3485.01	Outer_Full	68.75	141.63	/	Pass
	3500.01	Outer_Full	68.80	138.68	/	Pass
	3514.98	Outer_Full	68.55	102.96	/	Pass
CP-OFDM 16 QAM	3485.01	Outer_Full	68.66	119.16	/	Pass

CP-OFDM 64 QAM	3500.01	Outer_Full	68.73	126.83	/	Pass
	3514.98	Outer_Full	68.49	99.84	/	Pass
	3485.01	Outer_Full	68.73	121.51	/	Pass
	3500.01	Outer_Full	68.61	108.08	/	Pass
	3514.98	Outer_Full	68.42	94.55	/	Pass
CP-OFDM 256 QAM	3485.01	Outer_Full	67.93	72.78	/	Pass
	3500.01	Outer_Full	68.11	72.77	/	Pass
	3514.98	Outer_Full	68.17	75.50	/	Pass

3.1.7 30k_SISO_80MHz_NTNV

5G NR n78e SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3490.02	Outer_Full	78.03	116.26	/	Pass
	3500.01	Outer_Full	77.86	82.89	/	Pass
	3510	Outer_Full	78.17	83.45	/	Pass
DFT-s-OFDM QPSK	3490.02	Outer_Full	78.04	89.44	/	Pass
	3500.01	Outer_Full	77.98	115.26	/	Pass
	3510	Outer_Full	78.11	90.08	/	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer_Full	78.11	130.54	/	Pass
	3500.01	Outer_Full	78.12	93.03	/	Pass
	3510	Outer_Full	78.23	83.26	/	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer_Full	78.02	83.29	/	Pass
	3500.01	Outer_Full	77.89	83.45	/	Pass
	3510	Outer_Full	78.00	84.72	/	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer_Full	77.63	83.25	/	Pass
	3500.01	Outer_Full	77.82	83.28	/	Pass
	3510	Outer_Full	77.73	82.45	/	Pass
CP-OFDM QPSK	3490.02	Outer_Full	78.68	150.30	/	Pass
	3500.01	Outer_Full	78.44	165.08	/	Pass
	3510	Outer_Full	78.64	153.26	/	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	78.93	156.67	/	Pass
	3500.01	Outer_Full	78.55	126.64	/	Pass
	3510	Outer_Full	78.43	166.81	/	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	78.59	151.63	/	Pass
	3500.01	Outer_Full	78.45	96.98	/	Pass
	3510	Outer_Full	78.53	99.13	/	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	77.76	83.36	/	Pass
	3500.01	Outer_Full	77.88	82.62	/	Pass
	3510	Outer_Full	78.17	83.18	/	Pass

3.1.8 30k_SISO_90MHz_NTNV

5G NR n78e SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3495	Outer_Full	87.81	94.24	/	Pass
	3500.01	Outer_Full	87.25	92.98	/	Pass
	3504.99	Outer_Full	87.94	93.91	/	Pass
DFT-s-OFDM QPSK	3495	Outer_Full	87.55	95.91	/	Pass
	3500.01	Outer_Full	87.69	105.59	/	Pass
	3504.99	Outer_Full	87.89	96.26	/	Pass
DFT-s-OFDM 16 QAM	3495	Outer_Full	87.77	93.25	/	Pass
	3500.01	Outer_Full	87.74	108.71	/	Pass
	3504.99	Outer_Full	87.57	93.00	/	Pass

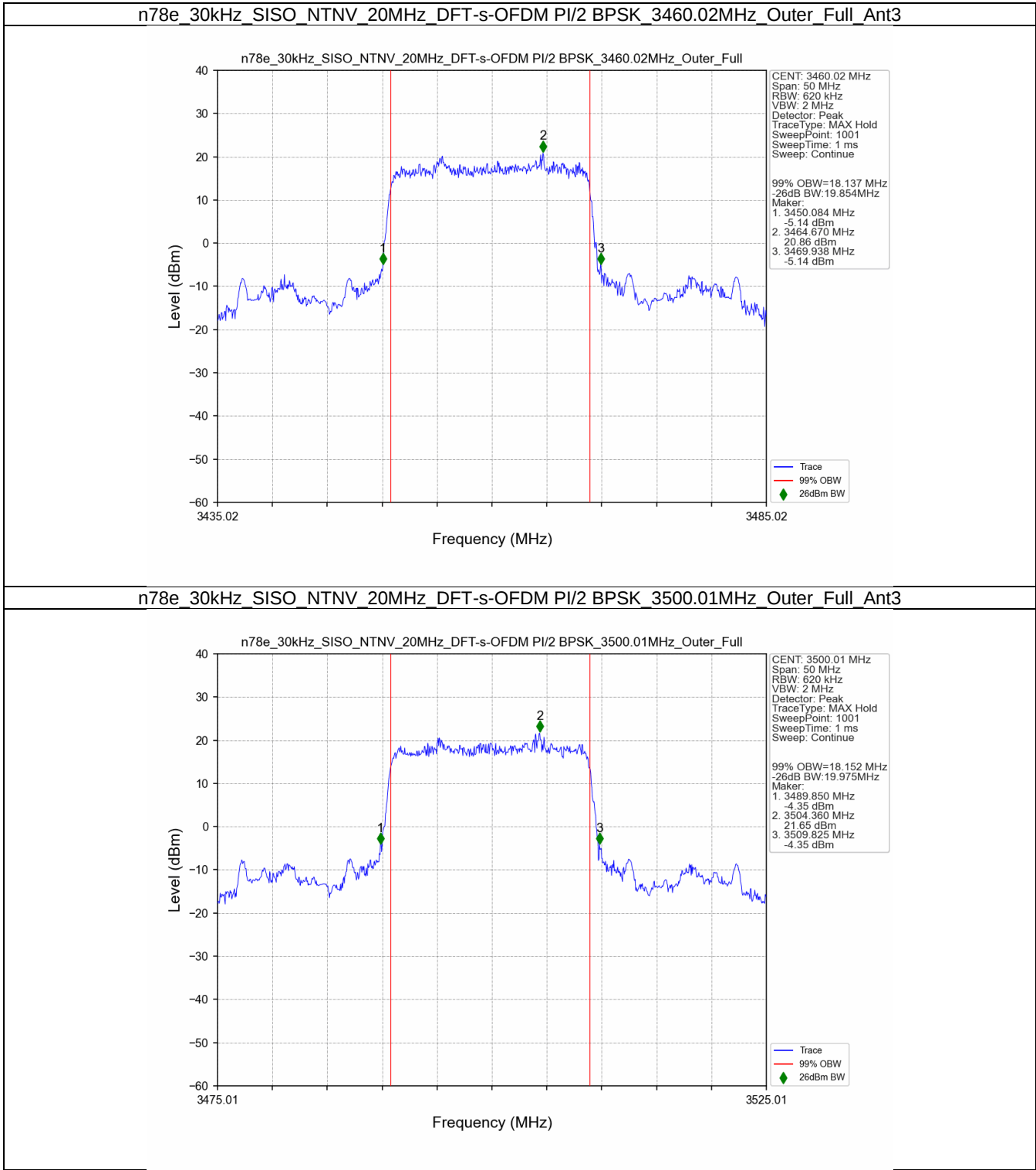
DFT-s-OFDM 64 QAM	3495	Outer_Full	87.74	96.53	/	Pass
	3500.01	Outer_Full	87.67	93.30	/	Pass
	3504.99	Outer_Full	87.71	93.73	/	Pass
DFT-s-OFDM 256 QAM	3495	Outer_Full	87.17	92.88	/	Pass
	3500.01	Outer_Full	87.25	92.98	/	Pass
	3504.99	Outer_Full	87.16	93.27	/	Pass
CP-OFDM QPSK	3495	Outer_Full	88.71	179.05	/	Pass
	3500.01	Outer_Full	88.63	154.85	/	Pass
	3504.99	Outer_Full	88.77	96.17	/	Pass
CP-OFDM 16 QAM	3495	Outer_Full	88.70	147.18	/	Pass
	3500.01	Outer_Full	88.62	169.50	/	Pass
	3504.99	Outer_Full	88.80	99.93	/	Pass
CP-OFDM 64 QAM	3495	Outer_Full	88.30	141.26	/	Pass
	3500.01	Outer_Full	88.59	135.09	/	Pass
	3504.99	Outer_Full	88.51	122.29	/	Pass
CP-OFDM 256 QAM	3495	Outer_Full	88.04	93.42	/	Pass
	3500.01	Outer_Full	88.03	93.84	/	Pass
	3504.99	Outer_Full	88.03	94.01	/	Pass

3.1.9 30k_SISO_100MHz_NTNV

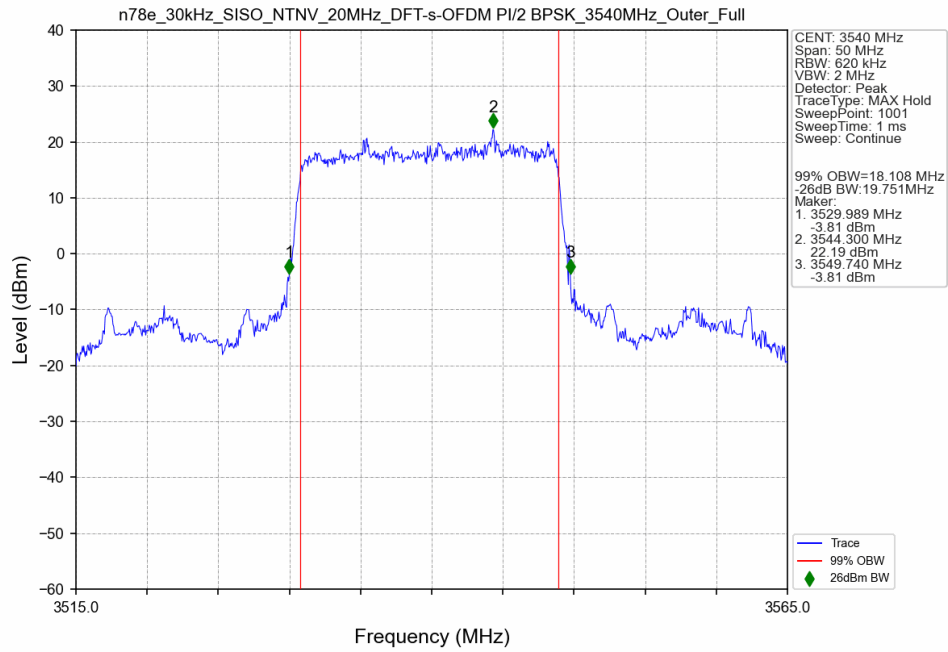
5G NR n78e SCS=30kHz SISO 100MHz NTVN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	97.56	103.87	/	Pass
	3500.01	Outer_Full	97.40	104.09	/	Pass
	3499.98	Outer_Full	97.45	104.12	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	97.47	123.04	/	Pass
	3500.01	Outer_Full	97.33	110.49	/	Pass
	3499.98	Outer_Full	97.51	106.00	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	97.84	103.61	/	Pass
	3500.01	Outer_Full	97.35	117.43	/	Pass
	3499.98	Outer_Full	97.62	104.43	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	97.20	104.07	/	Pass
	3500.01	Outer_Full	97.09	103.94	/	Pass
	3499.98	Outer_Full	97.09	103.69	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	96.95	103.55	/	Pass
	3500.01	Outer_Full	97.08	103.71	/	Pass
	3499.98	Outer_Full	96.99	103.37	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	99.09	169.44	/	Pass
	3500.01	Outer_Full	98.81	172.60	/	Pass
	3499.98	Outer_Full	99.17	169.86	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	98.74	170.64	/	Pass
	3500.01	Outer_Full	98.79	165.34	/	Pass
	3499.98	Outer_Full	98.69	182.34	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	98.64	166.18	/	Pass
	3500.01	Outer_Full	98.47	154.25	/	Pass
	3499.98	Outer_Full	98.61	106.83	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	97.95	104.44	/	Pass
	3500.01	Outer_Full	98.00	104.87	/	Pass
	3499.98	Outer_Full	97.98	104.40	/	Pass

3.2 Test Graph

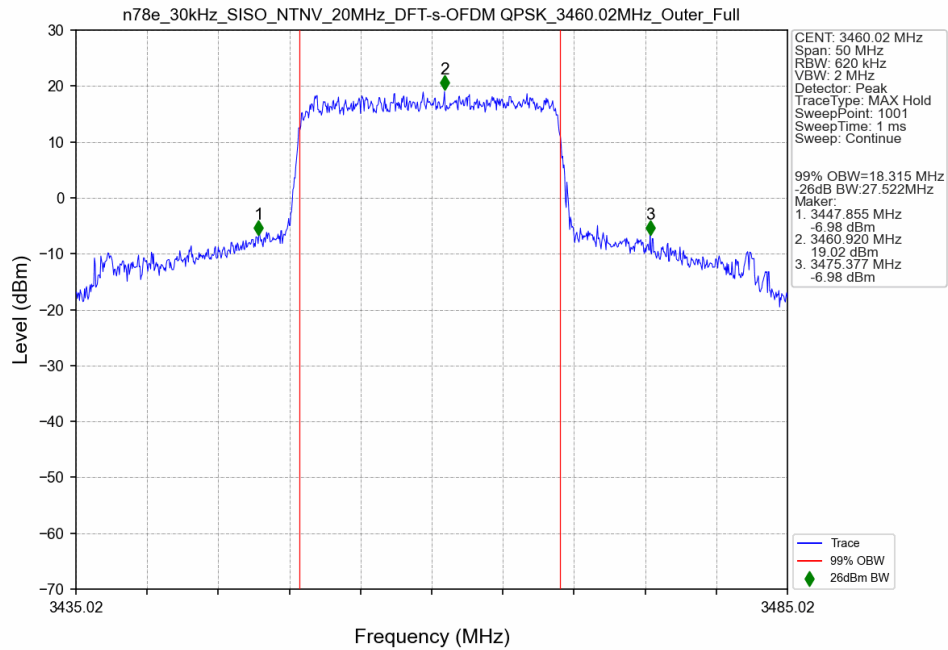
3.2.1 30k_SISO_20MHz_NTNV



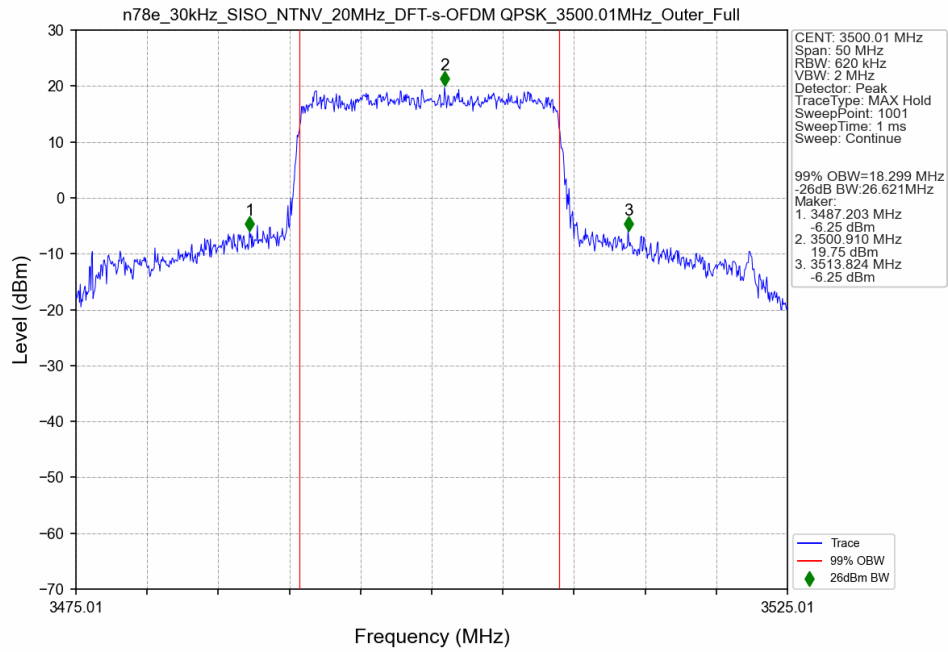
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3540MHz Outer Full Ant3



n78e 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3460.02MHz Outer Full Ant3



n78e 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3500.01MHz Outer Full Ant3



n78e 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3540MHz Outer Full Ant3

