

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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Edge_1RB_Left	20.71	/	/	22.33	/	/	<=30	Pass
		Edge_1RB_Right	20.76	/	/	22.38	/	/	<=30	Pass
		Outer_Full	20.72	/	/	22.34	/	/	<=30	Pass
		Inner_Full	21.25	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Left	21.24	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Right	21.34	/	/	22.96	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.61	/	/	22.23	/	/	<=30	Pass
		Edge_1RB_Right	20.50	/	/	22.12	/	/	<=30	Pass
		Outer_Full	20.43	/	/	22.05	/	/	<=30	Pass
		Inner_Full	20.92	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Left	21.12	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Right	21.01	/	/	22.63	/	/	<=30	Pass
	3540	Edge_1RB_Left	20.41	/	/	22.03	/	/	<=30	Pass
		Edge_1RB_Right	20.38	/	/	22.00	/	/	<=30	Pass
		Outer_Full	20.34	/	/	21.96	/	/	<=30	Pass
		Inner_Full	20.83	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Right	20.90	/	/	22.52	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	20.23	/	/	21.85	/	/	<=30	Pass
		Edge_1RB_Right	20.23	/	/	21.85	/	/	<=30	Pass
		Outer_Full	20.25	/	/	21.87	/	/	<=30	Pass
		Inner_Full	21.21	/	/	22.83	/	/	<=30	Pass
		Inner_1RB_Left	21.22	/	/	22.84	/	/	<=30	Pass
		Inner_1RB_Right	21.28	/	/	22.90	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.12	/	/	21.74	/	/	<=30	Pass
		Edge_1RB_Right	19.94	/	/	21.56	/	/	<=30	Pass
		Outer_Full	19.91	/	/	21.53	/	/	<=30	Pass
		Inner_Full	20.99	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Left	21.12	/	/	22.74	/	/	<=30	Pass
		Inner_1RB_Right	20.95	/	/	22.57	/	/	<=30	Pass
	3540	Edge_1RB_Left	19.84	/	/	21.46	/	/	<=30	Pass
		Edge_1RB_Right	19.82	/	/	21.44	/	/	<=30	Pass
		Outer_Full	19.83	/	/	21.45	/	/	<=30	Pass
		Inner_Full	20.89	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	20.92	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	20.82	/	/	22.44	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge_1RB_Left	19.32	/	/	20.94	/	/	<=30	Pass
		Edge_1RB_Right	19.36	/	/	20.98	/	/	<=30	Pass
		Outer_Full	19.23	/	/	20.85	/	/	<=30	Pass
		Inner_Full	20.27	/	/	21.89	/	/	<=30	Pass
		Inner_1RB_Left	20.37	/	/	21.99	/	/	<=30	Pass
		Inner_1RB_Right	20.32	/	/	21.94	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.18	/	/	20.80	/	/	<=30	Pass
		Edge_1RB_Right	18.96	/	/	20.58	/	/	<=30	Pass
		Outer_Full	19.01	/	/	20.63	/	/	<=30	Pass
		Inner_Full	19.97	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Left	20.24	/	/	21.86	/	/	<=30	Pass
		Inner_1RB_Right	20.11	/	/	21.73	/	/	<=30	Pass
	3540	Edge_1RB_Left	18.88	/	/	20.50	/	/	<=30	Pass

		Edge_1RB_Right	18.86	/	/	20.48	/	/	<=30	Pass
		Outer_Full	18.86	/	/	20.48	/	/	<=30	Pass
		Inner_Full	19.90	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Left	19.96	/	/	21.58	/	/	<=30	Pass
		Inner_1RB_Right	19.91	/	/	21.53	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge_1RB_Left	18.75	/	/	20.37	/	/	<=30	Pass
		Edge_1RB_Right	18.82	/	/	20.44	/	/	<=30	Pass
		Outer_Full	18.72	/	/	20.34	/	/	<=30	Pass
		Inner_Full	18.76	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	18.73	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Right	18.72	/	/	20.34	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.55	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	18.46	/	/	20.08	/	/	<=30	Pass
		Outer_Full	18.44	/	/	20.06	/	/	<=30	Pass
		Inner_Full	18.47	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	18.59	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Right	18.48	/	/	20.10	/	/	<=30	Pass
	3540	Edge_1RB_Left	18.30	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	18.30	/	/	19.92	/	/	<=30	Pass
		Outer_Full	18.38	/	/	20.00	/	/	<=30	Pass
		Inner_Full	18.37	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Left	18.34	/	/	19.96	/	/	<=30	Pass
		Inner_1RB_Right	18.38	/	/	20.00	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge_1RB_Left	16.76	/	/	18.38	/	/	<=30	Pass
		Edge_1RB_Right	16.77	/	/	18.39	/	/	<=30	Pass
		Outer_Full	16.72	/	/	18.34	/	/	<=30	Pass
		Inner_Full	16.71	/	/	18.33	/	/	<=30	Pass
		Inner_1RB_Left	16.76	/	/	18.38	/	/	<=30	Pass
		Inner_1RB_Right	16.77	/	/	18.39	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.60	/	/	18.22	/	/	<=30	Pass
		Edge_1RB_Right	16.50	/	/	18.12	/	/	<=30	Pass
		Outer_Full	16.50	/	/	18.12	/	/	<=30	Pass
		Inner_Full	16.39	/	/	18.01	/	/	<=30	Pass
		Inner_1RB_Left	16.67	/	/	18.29	/	/	<=30	Pass
		Inner_1RB_Right	16.50	/	/	18.12	/	/	<=30	Pass
	3540	Edge_1RB_Left	16.43	/	/	18.05	/	/	<=30	Pass
		Edge_1RB_Right	16.34	/	/	17.96	/	/	<=30	Pass
		Outer_Full	16.43	/	/	18.05	/	/	<=30	Pass
		Inner_Full	16.25	/	/	17.87	/	/	<=30	Pass
		Inner_1RB_Left	16.36	/	/	17.98	/	/	<=30	Pass
		Inner_1RB_Right	16.43	/	/	18.05	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Left	18.20	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	18.25	/	/	19.87	/	/	<=30	Pass
		Outer_Full	18.23	/	/	19.85	/	/	<=30	Pass
		Inner_Full	19.66	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Left	19.73	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Right	19.71	/	/	21.33	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.06	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	17.92	/	/	19.54	/	/	<=30	Pass
		Outer_Full	17.92	/	/	19.54	/	/	<=30	Pass
		Inner_Full	19.45	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	19.56	/	/	21.18	/	/	<=30	Pass
		Inner_1RB_Right	19.57	/	/	21.19	/	/	<=30	Pass
	3540	Edge_1RB_Left	17.89	/	/	19.51	/	/	<=30	Pass
		Edge_1RB_Right	17.98	/	/	19.60	/	/	<=30	Pass
		Outer_Full	17.91	/	/	19.53	/	/	<=30	Pass
		Inner_Full	19.33	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Left	19.41	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Right	19.35	/	/	20.97	/	/	<=30	Pass

CP-OFDM 16 QAM	3460.02	Edge 1RB Left	18.24	/	/	19.86	/	/	<=30	Pass
		Edge 1RB Right	18.28	/	/	19.90	/	/	<=30	Pass
		Outer_Full	18.17	/	/	19.79	/	/	<=30	Pass
		Inner_Full	19.26	/	/	20.88	/	/	<=30	Pass
		Inner 1RB Left	19.12	/	/	20.74	/	/	<=30	Pass
		Inner 1RB Right	19.24	/	/	20.86	/	/	<=30	Pass
	3500.01	Edge 1RB Left	18.10	/	/	19.72	/	/	<=30	Pass
		Edge 1RB Right	18.04	/	/	19.66	/	/	<=30	Pass
		Outer_Full	17.94	/	/	19.56	/	/	<=30	Pass
		Inner_Full	19.05	/	/	20.67	/	/	<=30	Pass
		Inner 1RB Left	19.18	/	/	20.80	/	/	<=30	Pass
		Inner 1RB Right	19.05	/	/	20.67	/	/	<=30	Pass
	3540	Edge 1RB Left	17.97	/	/	19.59	/	/	<=30	Pass
		Edge 1RB Right	17.95	/	/	19.57	/	/	<=30	Pass
		Outer_Full	17.86	/	/	19.48	/	/	<=30	Pass
		Inner_Full	18.93	/	/	20.55	/	/	<=30	Pass
		Inner 1RB Left	19.03	/	/	20.65	/	/	<=30	Pass
		Inner 1RB Right	19.02	/	/	20.64	/	/	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge 1RB Left	17.84	/	/	19.46	/	/	<=30	Pass
		Edge 1RB Right	17.91	/	/	19.53	/	/	<=30	Pass
		Outer_Full	17.69	/	/	19.31	/	/	<=30	Pass
		Inner_Full	17.73	/	/	19.35	/	/	<=30	Pass
		Inner 1RB Left	17.80	/	/	19.42	/	/	<=30	Pass
		Inner 1RB Right	17.94	/	/	19.56	/	/	<=30	Pass
	3500.01	Edge 1RB Left	17.58	/	/	19.20	/	/	<=30	Pass
		Edge 1RB Right	17.46	/	/	19.08	/	/	<=30	Pass
		Outer_Full	17.43	/	/	19.05	/	/	<=30	Pass
		Inner_Full	17.41	/	/	19.03	/	/	<=30	Pass
		Inner 1RB Left	17.66	/	/	19.28	/	/	<=30	Pass
		Inner 1RB Right	17.52	/	/	19.14	/	/	<=30	Pass
	3540	Edge 1RB Left	17.46	/	/	19.08	/	/	<=30	Pass
		Edge 1RB Right	17.42	/	/	19.04	/	/	<=30	Pass
		Outer_Full	17.32	/	/	18.94	/	/	<=30	Pass
		Inner_Full	17.32	/	/	18.94	/	/	<=30	Pass
		Inner 1RB Left	17.42	/	/	19.04	/	/	<=30	Pass
		Inner 1RB Right	17.43	/	/	19.05	/	/	<=30	Pass
CP-OFDM 256 QAM	3460.02	Edge 1RB Left	15.26	/	/	16.88	/	/	<=30	Pass
		Edge 1RB Right	15.25	/	/	16.87	/	/	<=30	Pass
		Outer_Full	15.21	/	/	16.83	/	/	<=30	Pass
		Inner_Full	15.15	/	/	16.77	/	/	<=30	Pass
		Inner 1RB Left	15.26	/	/	16.88	/	/	<=30	Pass
		Inner 1RB Right	15.21	/	/	16.83	/	/	<=30	Pass
	3500.01	Edge 1RB Left	15.12	/	/	16.74	/	/	<=30	Pass
		Edge 1RB Right	15.08	/	/	16.70	/	/	<=30	Pass
		Outer_Full	14.93	/	/	16.55	/	/	<=30	Pass
		Inner_Full	14.88	/	/	16.50	/	/	<=30	Pass
		Inner 1RB Left	15.21	/	/	16.83	/	/	<=30	Pass
		Inner 1RB Right	15.12	/	/	16.74	/	/	<=30	Pass
	3540	Edge 1RB Left	14.99	/	/	16.61	/	/	<=30	Pass
		Edge 1RB Right	14.94	/	/	16.56	/	/	<=30	Pass
		Outer_Full	14.81	/	/	16.43	/	/	<=30	Pass
		Inner_Full	14.79	/	/	16.41	/	/	<=30	Pass
		Inner 1RB Left	15.04	/	/	16.66	/	/	<=30	Pass
		Inner 1RB Right	14.99	/	/	16.61	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.62dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30k_SISO_30MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3465	Edge 1RB Left	20.60	/	/	22.22	/	/	<=30	Pass
		Edge 1RB Right	20.48	/	/	22.10	/	/	<=30	Pass
		Outer Full	20.59	/	/	22.21	/	/	<=30	Pass
		Inner Full	21.09	/	/	22.71	/	/	<=30	Pass
		Inner 1RB Left	21.16	/	/	22.78	/	/	<=30	Pass
		Inner 1RB Right	21.03	/	/	22.65	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.60	/	/	22.22	/	/	<=30	Pass
		Edge 1RB Right	20.43	/	/	22.05	/	/	<=30	Pass
		Outer Full	20.53	/	/	22.15	/	/	<=30	Pass
		Inner Full	20.98	/	/	22.60	/	/	<=30	Pass
		Inner 1RB Left	21.22	/	/	22.84	/	/	<=30	Pass
		Inner 1RB Right	21.00	/	/	22.62	/	/	<=30	Pass
	3534.99	Edge 1RB Left	20.46	/	/	22.08	/	/	<=30	Pass
		Edge 1RB Right	20.46	/	/	22.08	/	/	<=30	Pass
		Outer Full	20.51	/	/	22.13	/	/	<=30	Pass
		Inner Full	21.04	/	/	22.66	/	/	<=30	Pass
		Inner 1RB Left	20.98	/	/	22.60	/	/	<=30	Pass
		Inner 1RB Right	21.00	/	/	22.62	/	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Edge 1RB Left	20.06	/	/	21.68	/	/	<=30	Pass
		Edge 1RB Right	20.04	/	/	21.66	/	/	<=30	Pass
		Outer Full	20.11	/	/	21.73	/	/	<=30	Pass
		Inner Full	21.08	/	/	22.70	/	/	<=30	Pass
		Inner 1RB Left	21.13	/	/	22.75	/	/	<=30	Pass
		Inner 1RB Right	21.03	/	/	22.65	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.05	/	/	21.67	/	/	<=30	Pass
		Edge 1RB Right	19.93	/	/	21.55	/	/	<=30	Pass
		Outer Full	20.00	/	/	21.62	/	/	<=30	Pass
		Inner Full	20.98	/	/	22.60	/	/	<=30	Pass
		Inner 1RB Left	21.10	/	/	22.72	/	/	<=30	Pass
		Inner 1RB Right	21.00	/	/	22.62	/	/	<=30	Pass
	3534.99	Edge 1RB Left	19.93	/	/	21.55	/	/	<=30	Pass
		Edge 1RB Right	19.96	/	/	21.58	/	/	<=30	Pass
		Outer Full	19.97	/	/	21.59	/	/	<=30	Pass
		Inner Full	20.93	/	/	22.55	/	/	<=30	Pass
		Inner 1RB Left	21.04	/	/	22.66	/	/	<=30	Pass
		Inner 1RB Right	20.95	/	/	22.57	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Edge 1RB Left	19.09	/	/	20.71	/	/	<=30	Pass
		Edge 1RB Right	19.04	/	/	20.66	/	/	<=30	Pass
		Outer Full	19.09	/	/	20.71	/	/	<=30	Pass
		Inner Full	20.00	/	/	21.62	/	/	<=30	Pass
		Inner 1RB Left	20.10	/	/	21.72	/	/	<=30	Pass
		Inner 1RB Right	19.98	/	/	21.60	/	/	<=30	Pass
	3500.01	Edge 1RB Left	19.07	/	/	20.69	/	/	<=30	Pass
		Edge 1RB Right	18.89	/	/	20.51	/	/	<=30	Pass
		Outer Full	18.93	/	/	20.55	/	/	<=30	Pass
		Inner Full	19.90	/	/	21.52	/	/	<=30	Pass
		Inner 1RB Left	20.11	/	/	21.73	/	/	<=30	Pass
		Inner 1RB Right	20.00	/	/	21.62	/	/	<=30	Pass
	3534.99	Edge 1RB Left	19.11	/	/	20.73	/	/	<=30	Pass
		Edge 1RB Right	18.96	/	/	20.58	/	/	<=30	Pass
		Outer Full	18.99	/	/	20.61	/	/	<=30	Pass
		Inner Full	19.95	/	/	21.57	/	/	<=30	Pass
		Inner 1RB Left	19.93	/	/	21.55	/	/	<=30	Pass
		Inner 1RB Right	19.95	/	/	21.57	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Edge 1RB Left	18.64	/	/	20.26	/	/	<=30	Pass
		Edge 1RB Right	18.51	/	/	20.13	/	/	<=30	Pass

		Outer_Full	18.50	/	/	20.12	/	/	<=30	Pass
		Inner_Full	18.60	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	18.61	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Right	18.48	/	/	20.10	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.52	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	18.31	/	/	19.93	/	/	<=30	Pass
		Outer_Full	18.42	/	/	20.04	/	/	<=30	Pass
		Inner_Full	18.48	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Left	18.60	/	/	20.22	/	/	<=30	Pass
	3534.99	Inner_1RB_Right	18.37	/	/	19.99	/	/	<=30	Pass
		Edge_1RB_Left	18.54	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	18.45	/	/	20.07	/	/	<=30	Pass
		Outer_Full	18.45	/	/	20.07	/	/	<=30	Pass
		Inner_Full	18.45	/	/	20.07	/	/	<=30	Pass
	DFT-s-OFDM 256 QAM	3465	Inner_1RB_Left	18.44	/	/	20.06	/	/	<=30
Inner_1RB_Right			18.49	/	/	20.11	/	/	<=30	Pass
Edge_1RB_Left			16.62	/	/	18.24	/	/	<=30	Pass
Edge_1RB_Right			16.51	/	/	18.13	/	/	<=30	Pass
Outer_Full			16.55	/	/	18.17	/	/	<=30	Pass
Inner_Full			16.58	/	/	18.20	/	/	<=30	Pass
3500.01		Inner_1RB_Left	16.61	/	/	18.23	/	/	<=30	Pass
		Inner_1RB_Right	16.47	/	/	18.09	/	/	<=30	Pass
		Edge_1RB_Left	16.60	/	/	18.22	/	/	<=30	Pass
		Edge_1RB_Right	16.42	/	/	18.04	/	/	<=30	Pass
		Outer_Full	16.46	/	/	18.08	/	/	<=30	Pass
		Inner_Full	16.39	/	/	18.01	/	/	<=30	Pass
3534.99		Inner_1RB_Left	16.59	/	/	18.21	/	/	<=30	Pass
		Inner_1RB_Right	16.39	/	/	18.01	/	/	<=30	Pass
		Edge_1RB_Left	16.38	/	/	18.00	/	/	<=30	Pass
	Edge_1RB_Right	16.43	/	/	18.05	/	/	<=30	Pass	
	Outer_Full	16.39	/	/	18.01	/	/	<=30	Pass	
CP-OFDM QPSK	3465	Inner_Full	16.40	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Left	16.55	/	/	18.17	/	/	<=30	Pass
		Inner_1RB_Right	16.39	/	/	18.01	/	/	<=30	Pass
		Edge_1RB_Left	18.09	/	/	19.71	/	/	<=30	Pass
		Edge_1RB_Right	17.95	/	/	19.57	/	/	<=30	Pass
	3500.01	Outer_Full	18.09	/	/	19.71	/	/	<=30	Pass
		Inner_Full	19.64	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Left	19.58	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Right	19.55	/	/	21.17	/	/	<=30	Pass
		Edge_1RB_Left	18.16	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	17.98	/	/	19.60	/	/	<=30	Pass
	3534.99	Outer_Full	17.89	/	/	19.51	/	/	<=30	Pass
		Inner_Full	19.47	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Left	19.64	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Right	19.45	/	/	21.07	/	/	<=30	Pass
Edge_1RB_Left		18.10	/	/	19.72	/	/	<=30	Pass	
CP-OFDM 16 QAM	3465	Edge_1RB_Right	18.02	/	/	19.64	/	/	<=30	Pass
		Outer_Full	17.93	/	/	19.55	/	/	<=30	Pass
		Inner_Full	19.50	/	/	21.12	/	/	<=30	Pass
		Inner_1RB_Left	19.49	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	19.54	/	/	21.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.18	/	/	19.80	/	/	<=30	Pass
		Edge_1RB_Right	18.08	/	/	19.70	/	/	<=30	Pass
		Outer_Full	18.17	/	/	19.79	/	/	<=30	Pass
		Inner_Full	19.10	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Left	19.17	/	/	20.79	/	/	<=30	Pass
	Inner_1RB_Right	19.05	/	/	20.67	/	/	<=30	Pass	

		Edge_1RB_Right	17.96	/	/	19.58	/	/	<=30	Pass
		Outer_Full	17.95	/	/	19.57	/	/	<=30	Pass
		Inner_Full	18.99	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Left	19.20	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	18.95	/	/	20.57	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	17.92	/	/	19.54	/	/	<=30	Pass
		Edge_1RB_Right	17.93	/	/	19.55	/	/	<=30	Pass
		Outer_Full	18.00	/	/	19.62	/	/	<=30	Pass
		Inner_Full	19.00	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Left	19.01	/	/	20.63	/	/	<=30	Pass
	Inner_1RB_Right	18.97	/	/	20.59	/	/	<=30	Pass	
CP-OFDM 64 QAM	3465	Edge_1RB_Left	17.78	/	/	19.40	/	/	<=30	Pass
		Edge_1RB_Right	17.64	/	/	19.26	/	/	<=30	Pass
		Outer_Full	17.65	/	/	19.27	/	/	<=30	Pass
		Inner_Full	17.63	/	/	19.25	/	/	<=30	Pass
		Inner_1RB_Left	17.65	/	/	19.27	/	/	<=30	Pass
		Inner_1RB_Right	17.50	/	/	19.12	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.62	/	/	19.24	/	/	<=30	Pass
		Edge_1RB_Right	17.45	/	/	19.07	/	/	<=30	Pass
		Outer_Full	17.46	/	/	19.08	/	/	<=30	Pass
		Inner_Full	17.49	/	/	19.11	/	/	<=30	Pass
		Inner_1RB_Left	17.58	/	/	19.20	/	/	<=30	Pass
		Inner_1RB_Right	17.58	/	/	19.20	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	17.63	/	/	19.25	/	/	<=30	Pass
		Edge_1RB_Right	17.55	/	/	19.17	/	/	<=30	Pass
		Outer_Full	17.44	/	/	19.06	/	/	<=30	Pass
		Inner_Full	17.45	/	/	19.07	/	/	<=30	Pass
		Inner_1RB_Left	17.63	/	/	19.25	/	/	<=30	Pass
		Inner_1RB_Right	17.55	/	/	19.17	/	/	<=30	Pass
CP-OFDM 256 QAM	3465	Edge_1RB_Left	15.20	/	/	16.82	/	/	<=30	Pass
		Edge_1RB_Right	15.07	/	/	16.69	/	/	<=30	Pass
		Outer_Full	14.98	/	/	16.60	/	/	<=30	Pass
		Inner_Full	14.99	/	/	16.61	/	/	<=30	Pass
		Inner_1RB_Left	15.23	/	/	16.85	/	/	<=30	Pass
		Inner_1RB_Right	15.07	/	/	16.69	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	15.20	/	/	16.82	/	/	<=30	Pass
		Edge_1RB_Right	15.09	/	/	16.71	/	/	<=30	Pass
		Outer_Full	14.91	/	/	16.53	/	/	<=30	Pass
		Inner_Full	14.92	/	/	16.54	/	/	<=30	Pass
		Inner_1RB_Left	15.21	/	/	16.83	/	/	<=30	Pass
		Inner_1RB_Right	15.05	/	/	16.67	/	/	<=30	Pass
	3534.99	Edge_1RB_Left	15.20	/	/	16.82	/	/	<=30	Pass
		Edge_1RB_Right	15.03	/	/	16.65	/	/	<=30	Pass
		Outer_Full	14.95	/	/	16.57	/	/	<=30	Pass
		Inner_Full	14.93	/	/	16.55	/	/	<=30	Pass
		Inner_1RB_Left	15.25	/	/	16.87	/	/	<=30	Pass
		Inner_1RB_Right	15.05	/	/	16.67	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.62dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30k_SISO_40MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Edge_1RB_Left	20.75	/	/	22.37	/	/	<=30	Pass
		Edge_1RB_Right	20.66	/	/	22.28	/	/	<=30	Pass
		Outer_Full	20.73	/	/	22.35	/	/	<=30	Pass

		Inner_Full	21.25	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Left	21.24	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Right	21.15	/	/	22.77	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.69	/	/	22.31	/	/	<=30	Pass
		Edge_1RB_Right	20.50	/	/	22.12	/	/	<=30	Pass
		Outer_Full	20.48	/	/	22.10	/	/	<=30	Pass
		Inner_Full	21.04	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Left	21.19	/	/	22.81	/	/	<=30	Pass
		Inner_1RB_Right	21.05	/	/	22.67	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	20.49	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	20.38	/	/	22.00	/	/	<=30	Pass
		Outer_Full	20.42	/	/	22.04	/	/	<=30	Pass
		Inner_Full	20.89	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	21.05	/	/	22.67	/	/	<=30	Pass
		Inner_1RB_Right	20.95	/	/	22.57	/	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	20.20	/	/	21.82	/	/	<=30	Pass
		Edge_1RB_Right	20.11	/	/	21.73	/	/	<=30	Pass
		Outer_Full	20.25	/	/	21.87	/	/	<=30	Pass
		Inner_Full	21.24	/	/	22.86	/	/	<=30	Pass
		Inner_1RB_Left	21.25	/	/	22.87	/	/	<=30	Pass
		Inner_1RB_Right	21.15	/	/	22.77	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.13	/	/	21.75	/	/	<=30	Pass
		Edge_1RB_Right	20.01	/	/	21.63	/	/	<=30	Pass
		Outer_Full	20.01	/	/	21.63	/	/	<=30	Pass
		Inner_Full	21.04	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Left	21.18	/	/	22.80	/	/	<=30	Pass
		Inner_1RB_Right	20.99	/	/	22.61	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	20.10	/	/	21.72	/	/	<=30	Pass
		Edge_1RB_Right	19.95	/	/	21.57	/	/	<=30	Pass
		Outer_Full	19.85	/	/	21.47	/	/	<=30	Pass
		Inner_Full	20.83	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	21.07	/	/	22.69	/	/	<=30	Pass
		Inner_1RB_Right	2.09	/	/	3.71	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge_1RB_Left	19.17	/	/	20.79	/	/	<=30	Pass
		Edge_1RB_Right	19.07	/	/	20.69	/	/	<=30	Pass
		Outer_Full	19.20	/	/	20.82	/	/	<=30	Pass
		Inner_Full	20.20	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Left	20.30	/	/	21.92	/	/	<=30	Pass
		Inner_1RB_Right	20.15	/	/	21.77	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.18	/	/	20.80	/	/	<=30	Pass
		Edge_1RB_Right	18.96	/	/	20.58	/	/	<=30	Pass
		Outer_Full	18.95	/	/	20.57	/	/	<=30	Pass
		Inner_Full	19.93	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Left	20.18	/	/	21.80	/	/	<=30	Pass
		Inner_1RB_Right	19.99	/	/	21.61	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	19.02	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	18.89	/	/	20.51	/	/	<=30	Pass
		Outer_Full	18.79	/	/	20.41	/	/	<=30	Pass
		Inner_Full	19.81	/	/	21.43	/	/	<=30	Pass
		Inner_1RB_Left	20.16	/	/	21.78	/	/	<=30	Pass
		Inner_1RB_Right	20.00	/	/	21.62	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	18.74	/	/	20.36	/	/	<=30	Pass
		Edge_1RB_Right	18.63	/	/	20.25	/	/	<=30	Pass
		Outer_Full	18.70	/	/	20.32	/	/	<=30	Pass
		Inner_Full	18.66	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Left	18.79	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Right	18.71	/	/	20.33	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.61	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	18.56	/	/	20.18	/	/	<=30	Pass

		Outer_Full	18.49	/	/	20.11	/	/	<=30	Pass
		Inner_Full	18.47	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	18.67	/	/	20.29	/	/	<=30	Pass
		Inner_1RB_Right	18.49	/	/	20.11	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	18.49	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	18.45	/	/	20.07	/	/	<=30	Pass
		Outer_Full	18.43	/	/	20.05	/	/	<=30	Pass
		Inner_Full	18.30	/	/	19.92	/	/	<=30	Pass
		Inner_1RB_Left	18.56	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Right	18.42	/	/	20.04	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	16.80	/	/	18.42	/	/	<=30	Pass
		Edge_1RB_Right	16.60	/	/	18.22	/	/	<=30	Pass
		Outer_Full	16.64	/	/	18.26	/	/	<=30	Pass
		Inner_Full	16.72	/	/	18.34	/	/	<=30	Pass
		Inner_1RB_Left	16.77	/	/	18.39	/	/	<=30	Pass
		Inner_1RB_Right	16.57	/	/	18.19	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.65	/	/	18.27	/	/	<=30	Pass
		Edge_1RB_Right	16.43	/	/	18.05	/	/	<=30	Pass
		Outer_Full	16.44	/	/	18.06	/	/	<=30	Pass
		Inner_Full	16.40	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Left	16.57	/	/	18.19	/	/	<=30	Pass
		Inner_1RB_Right	16.51	/	/	18.13	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	16.55	/	/	18.17	/	/	<=30	Pass
		Edge_1RB_Right	16.36	/	/	17.98	/	/	<=30	Pass
		Outer_Full	16.37	/	/	17.99	/	/	<=30	Pass
		Inner_Full	16.34	/	/	17.96	/	/	<=30	Pass
		Inner_1RB_Left	16.42	/	/	18.04	/	/	<=30	Pass
		Inner_1RB_Right	16.33	/	/	17.95	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Left	18.22	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	18.12	/	/	19.74	/	/	<=30	Pass
		Outer_Full	18.28	/	/	19.90	/	/	<=30	Pass
		Inner_Full	19.71	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Left	19.86	/	/	21.48	/	/	<=30	Pass
		Inner_1RB_Right	19.61	/	/	21.23	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.15	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	18.02	/	/	19.64	/	/	<=30	Pass
		Outer_Full	18.00	/	/	19.62	/	/	<=30	Pass
		Inner_Full	17.10	/	/	18.72	/	/	<=30	Pass
		Inner_1RB_Left	19.64	/	/	21.26	/	/	<=30	Pass
		Inner_1RB_Right	19.46	/	/	21.08	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	18.07	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	17.81	/	/	19.43	/	/	<=30	Pass
		Outer_Full	17.88	/	/	19.50	/	/	<=30	Pass
		Inner_Full	19.35	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Left	19.52	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Right	19.34	/	/	20.96	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge_1RB_Left	18.36	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	18.09	/	/	19.71	/	/	<=30	Pass
		Outer_Full	18.18	/	/	19.80	/	/	<=30	Pass
		Inner_Full	19.19	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Left	19.19	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	19.12	/	/	20.74	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.23	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	18.15	/	/	19.77	/	/	<=30	Pass
		Outer_Full	17.95	/	/	19.57	/	/	<=30	Pass
		Inner_Full	18.92	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Left	19.21	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Right	19.04	/	/	20.66	/	/	<=30	Pass
	3529.98	Edge_1RB_Left	18.17	/	/	19.79	/	/	<=30	Pass

		Edge_1RB_Right	17.97	/	/	19.59	/	/	<=30	Pass
		Outer_Full	17.87	/	/	19.49	/	/	<=30	Pass
		Inner_Full	18.86	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	19.05	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Right	18.86	/	/	20.48	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge_1RB_Left	17.76	/	/	19.38	/	/	<=30	Pass
		Edge_1RB_Right	17.64	/	/	19.26	/	/	<=30	Pass
		Outer_Full	17.66	/	/	19.28	/	/	<=30	Pass
		Inner_Full	17.73	/	/	19.35	/	/	<=30	Pass
		Inner_1RB_Left	17.76	/	/	19.38	/	/	<=30	Pass
		Inner_1RB_Right	17.75	/	/	19.37	/	/	<=30	Pass
		Edge_1RB_Left	17.72	/	/	19.34	/	/	<=30	Pass
		Edge_1RB_Right	17.56	/	/	19.18	/	/	<=30	Pass
	3500.01	Outer_Full	17.48	/	/	19.10	/	/	<=30	Pass
		Inner_Full	17.44	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Left	17.92	/	/	19.54	/	/	<=30	Pass
		Inner_1RB_Right	17.75	/	/	19.37	/	/	<=30	Pass
		Edge_1RB_Left	17.53	/	/	19.15	/	/	<=30	Pass
		Edge_1RB_Right	17.52	/	/	19.14	/	/	<=30	Pass
	3529.98	Outer_Full	17.38	/	/	19.00	/	/	<=30	Pass
		Inner_Full	17.33	/	/	18.95	/	/	<=30	Pass
		Inner_1RB_Left	17.62	/	/	19.24	/	/	<=30	Pass
		Inner_1RB_Right	17.22	/	/	18.84	/	/	<=30	Pass
		Edge_1RB_Left	15.32	/	/	16.94	/	/	<=30	Pass
		Edge_1RB_Right	15.26	/	/	16.88	/	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Outer_Full	15.13	/	/	16.75	/	/	<=30	Pass
		Inner_Full	15.13	/	/	16.75	/	/	<=30	Pass
		Inner_1RB_Left	15.37	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Right	15.19	/	/	16.81	/	/	<=30	Pass
		Edge_1RB_Left	15.26	/	/	16.88	/	/	<=30	Pass
		Edge_1RB_Right	15.09	/	/	16.71	/	/	<=30	Pass
	3500.01	Outer_Full	14.97	/	/	16.59	/	/	<=30	Pass
		Inner_Full	14.94	/	/	16.56	/	/	<=30	Pass
		Inner_1RB_Left	15.28	/	/	16.90	/	/	<=30	Pass
		Inner_1RB_Right	15.12	/	/	16.74	/	/	<=30	Pass
		Edge_1RB_Left	15.16	/	/	16.78	/	/	<=30	Pass
		Edge_1RB_Right	14.95	/	/	16.57	/	/	<=30	Pass
	3529.98	Outer_Full	15.02	/	/	16.64	/	/	<=30	Pass
		Inner_Full	14.94	/	/	16.56	/	/	<=30	Pass
		Inner_1RB_Left	15.21	/	/	16.83	/	/	<=30	Pass
Inner_1RB_Right		15.04	/	/	16.66	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: 1.62dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30k_SISO_50MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Edge_1RB_Left	20.51	/	/	22.13	/	/	<=30	Pass
		Edge_1RB_Right	20.26	/	/	21.88	/	/	<=30	Pass
		Outer_Full	20.51	/	/	22.13	/	/	<=30	Pass
		Inner_Full	21.00	/	/	22.62	/	/	<=30	Pass
		Inner_1RB_Left	21.04	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Right	20.87	/	/	22.49	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.49	/	/	22.11	/	/	<=30	Pass
		Edge_1RB_Right	20.21	/	/	21.83	/	/	<=30	Pass
		Outer_Full	20.42	/	/	22.04	/	/	<=30	Pass

		Inner_Full	21.01	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Left	21.01	/	/	22.63	/	/	<=30	Pass
		Inner_1RB_Right	20.77	/	/	22.39	/	/	<=30	Pass
	3525	Edge_1RB_Left	20.36	/	/	21.98	/	/	<=30	Pass
		Edge_1RB_Right	20.08	/	/	21.70	/	/	<=30	Pass
		Outer_Full	20.18	/	/	21.80	/	/	<=30	Pass
		Inner_Full	20.71	/	/	22.33	/	/	<=30	Pass
		Inner_1RB_Left	20.86	/	/	22.48	/	/	<=30	Pass
		Inner_1RB_Right	20.52	/	/	22.14	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Edge_1RB_Left	19.95	/	/	21.57	/	/	<=30	Pass
		Edge_1RB_Right	19.84	/	/	21.46	/	/	<=30	Pass
		Outer_Full	19.98	/	/	21.60	/	/	<=30	Pass
		Inner_Full	20.98	/	/	22.60	/	/	<=30	Pass
		Inner_1RB_Left	20.96	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Right	20.75	/	/	22.37	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.96	/	/	21.58	/	/	<=30	Pass
		Edge_1RB_Right	19.75	/	/	21.37	/	/	<=30	Pass
		Outer_Full	19.94	/	/	21.56	/	/	<=30	Pass
		Inner_Full	20.96	/	/	22.58	/	/	<=30	Pass
		Inner_1RB_Left	20.99	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	20.79	/	/	22.41	/	/	<=30	Pass
	3525	Edge_1RB_Left	19.79	/	/	21.41	/	/	<=30	Pass
		Edge_1RB_Right	19.58	/	/	21.20	/	/	<=30	Pass
		Outer_Full	19.68	/	/	21.30	/	/	<=30	Pass
		Inner_Full	20.81	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Left	20.81	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Right	20.63	/	/	22.25	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Edge_1RB_Left	18.91	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	18.86	/	/	20.48	/	/	<=30	Pass
		Outer_Full	18.99	/	/	20.61	/	/	<=30	Pass
		Inner_Full	19.98	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Left	20.05	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	19.86	/	/	21.48	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.99	/	/	20.61	/	/	<=30	Pass
		Edge_1RB_Right	18.85	/	/	20.47	/	/	<=30	Pass
		Outer_Full	18.94	/	/	20.56	/	/	<=30	Pass
		Inner_Full	19.92	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Left	19.95	/	/	21.57	/	/	<=30	Pass
		Inner_1RB_Right	19.69	/	/	21.31	/	/	<=30	Pass
	3525	Edge_1RB_Left	18.72	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	18.68	/	/	20.30	/	/	<=30	Pass
		Outer_Full	18.72	/	/	20.34	/	/	<=30	Pass
		Inner_Full	19.71	/	/	21.33	/	/	<=30	Pass
		Inner_1RB_Left	19.88	/	/	21.50	/	/	<=30	Pass
		Inner_1RB_Right	19.66	/	/	21.28	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Edge_1RB_Left	18.41	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	18.28	/	/	19.90	/	/	<=30	Pass
		Outer_Full	18.45	/	/	20.07	/	/	<=30	Pass
		Inner_Full	18.55	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	18.43	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Right	18.22	/	/	19.84	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.46	/	/	20.08	/	/	<=30	Pass
		Edge_1RB_Right	18.24	/	/	19.86	/	/	<=30	Pass
		Outer_Full	18.42	/	/	20.04	/	/	<=30	Pass
		Inner_Full	18.45	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Left	18.45	/	/	20.07	/	/	<=30	Pass
		Inner_1RB_Right	18.24	/	/	19.86	/	/	<=30	Pass
	3525	Edge_1RB_Left	18.20	/	/	19.82	/	/	<=30	Pass
		Edge_1RB_Right	18.10	/	/	19.72	/	/	<=30	Pass

		Outer_Full	18.24	/	/	19.86	/	/	<=30	Pass
		Inner_Full	18.26	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Left	18.28	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Right	18.10	/	/	19.72	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Edge_1RB_Left	16.49	/	/	18.11	/	/	<=30	Pass
		Edge_1RB_Right	16.25	/	/	17.87	/	/	<=30	Pass
		Outer_Full	16.47	/	/	18.09	/	/	<=30	Pass
		Inner_Full	16.48	/	/	18.10	/	/	<=30	Pass
		Inner_1RB_Left	16.52	/	/	18.14	/	/	<=30	Pass
		Inner_1RB_Right	16.27	/	/	17.89	/	/	<=30	Pass
		Edge_1RB_Left	16.44	/	/	18.06	/	/	<=30	Pass
		Edge_1RB_Right	16.25	/	/	17.87	/	/	<=30	Pass
	3500.01	Outer_Full	16.44	/	/	18.06	/	/	<=30	Pass
		Inner_Full	16.38	/	/	18.00	/	/	<=30	Pass
		Inner_1RB_Left	16.46	/	/	18.08	/	/	<=30	Pass
		Inner_1RB_Right	16.24	/	/	17.86	/	/	<=30	Pass
	3525	Edge_1RB_Left	16.18	/	/	17.80	/	/	<=30	Pass
		Edge_1RB_Right	15.92	/	/	17.54	/	/	<=30	Pass
		Outer_Full	16.29	/	/	17.91	/	/	<=30	Pass
		Inner_Full	16.22	/	/	17.84	/	/	<=30	Pass
		Inner_1RB_Left	16.24	/	/	17.86	/	/	<=30	Pass
		Inner_1RB_Right	15.92	/	/	17.54	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Edge_1RB_Left	17.93	/	/	19.55	/	/	<=30	Pass
		Edge_1RB_Right	17.75	/	/	19.37	/	/	<=30	Pass
		Outer_Full	18.00	/	/	19.62	/	/	<=30	Pass
		Inner_Full	19.44	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Left	19.46	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	19.24	/	/	20.86	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.91	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	17.80	/	/	19.42	/	/	<=30	Pass
		Outer_Full	17.93	/	/	19.55	/	/	<=30	Pass
		Inner_Full	19.40	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Left	19.57	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Right	19.36	/	/	20.98	/	/	<=30	Pass
	3525	Edge_1RB_Left	17.78	/	/	19.40	/	/	<=30	Pass
		Edge_1RB_Right	17.54	/	/	19.16	/	/	<=30	Pass
		Outer_Full	17.78	/	/	19.40	/	/	<=30	Pass
		Inner_Full	19.22	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Left	19.20	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	19.00	/	/	20.62	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Edge_1RB_Left	17.95	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	17.84	/	/	19.46	/	/	<=30	Pass
		Outer_Full	17.95	/	/	19.57	/	/	<=30	Pass
		Inner_Full	18.99	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Left	19.11	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Right	18.88	/	/	20.50	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.98	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	17.77	/	/	19.39	/	/	<=30	Pass
		Outer_Full	17.84	/	/	19.46	/	/	<=30	Pass
		Inner_Full	18.92	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Left	19.11	/	/	20.73	/	/	<=30	Pass
		Inner_1RB_Right	18.84	/	/	20.46	/	/	<=30	Pass
	3525	Edge_1RB_Left	17.84	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	17.60	/	/	19.22	/	/	<=30	Pass
		Outer_Full	17.73	/	/	19.35	/	/	<=30	Pass
		Inner_Full	18.78	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Left	18.83	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Right	18.63	/	/	20.25	/	/	<=30	Pass
CP-OFDM 64 QAM	3475.02	Edge_1RB_Left	17.54	/	/	19.16	/	/	<=30	Pass

		Edge 1RB Right	17.41	/	/	19.03	/	/	<=30	Pass	
		Outer Full	17.42	/	/	19.04	/	/	<=30	Pass	
		Inner Full	17.50	/	/	19.12	/	/	<=30	Pass	
		Inner 1RB Left	17.59	/	/	19.21	/	/	<=30	Pass	
		Inner 1RB Right	17.32	/	/	18.94	/	/	<=30	Pass	
	3500.01	Edge 1RB Left	17.50	/	/	19.12	/	/	<=30	Pass	
		Edge 1RB Right	17.24	/	/	18.86	/	/	<=30	Pass	
		Outer Full	17.40	/	/	19.02	/	/	<=30	Pass	
		Inner Full	17.36	/	/	18.98	/	/	<=30	Pass	
		Inner 1RB Left	17.48	/	/	19.10	/	/	<=30	Pass	
	3525	Inner 1RB Right	17.25	/	/	18.87	/	/	<=30	Pass	
		Edge 1RB Left	17.29	/	/	18.91	/	/	<=30	Pass	
		Edge 1RB Right	17.22	/	/	18.84	/	/	<=30	Pass	
		Outer Full	17.27	/	/	18.89	/	/	<=30	Pass	
		Inner Full	17.24	/	/	18.86	/	/	<=30	Pass	
	CP-OFDM 256 QAM	3475.02	Inner 1RB Left	17.37	/	/	18.99	/	/	<=30	Pass
			Inner 1RB Right	17.15	/	/	18.77	/	/	<=30	Pass
			Edge 1RB Left	14.97	/	/	16.59	/	/	<=30	Pass
			Edge 1RB Right	14.93	/	/	16.55	/	/	<=30	Pass
			Outer Full	14.76	/	/	16.38	/	/	<=30	Pass
3500.01		Inner Full	14.86	/	/	16.48	/	/	<=30	Pass	
		Inner 1RB Left	14.93	/	/	16.55	/	/	<=30	Pass	
		Inner 1RB Right	14.80	/	/	16.42	/	/	<=30	Pass	
		Edge 1RB Left	14.94	/	/	16.56	/	/	<=30	Pass	
		Edge 1RB Right	14.90	/	/	16.52	/	/	<=30	Pass	
3525		Outer Full	14.79	/	/	16.41	/	/	<=30	Pass	
		Inner Full	14.88	/	/	16.50	/	/	<=30	Pass	
		Inner 1RB Left	14.99	/	/	16.61	/	/	<=30	Pass	
		Inner 1RB Right	14.82	/	/	16.44	/	/	<=30	Pass	
		Edge 1RB Left	14.86	/	/	16.48	/	/	<=30	Pass	
		Edge 1RB Right	14.55	/	/	16.17	/	/	<=30	Pass	
		Outer Full	14.63	/	/	16.25	/	/	<=30	Pass	
		Inner Full	14.67	/	/	16.29	/	/	<=30	Pass	
		Inner 1RB Left	14.87	/	/	16.49	/	/	<=30	Pass	
		Inner 1RB Right	14.65	/	/	16.27	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: 1.62dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Edge 1RB Left	20.64	/	/	22.26	/	/	<=30	Pass
		Edge 1RB Right	20.23	/	/	21.85	/	/	<=30	Pass
		Outer Full	20.57	/	/	22.19	/	/	<=30	Pass
		Inner Full	21.12	/	/	22.74	/	/	<=30	Pass
		Inner 1RB Left	21.10	/	/	22.72	/	/	<=30	Pass
		Inner 1RB Right	20.79	/	/	22.41	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.52	/	/	22.14	/	/	<=30	Pass
		Edge 1RB Right	20.10	/	/	21.72	/	/	<=30	Pass
		Outer Full	20.45	/	/	22.07	/	/	<=30	Pass
		Inner Full	20.92	/	/	22.54	/	/	<=30	Pass
		Inner 1RB Left	21.00	/	/	22.62	/	/	<=30	Pass
		Inner 1RB Right	20.62	/	/	22.24	/	/	<=30	Pass
	3519.99	Edge 1RB Left	19.85	/	/	21.47	/	/	<=30	Pass
		Edge 1RB Right	19.60	/	/	21.22	/	/	<=30	Pass
		Outer Full	19.80	/	/	21.42	/	/	<=30	Pass

		Inner_Full	20.83	/	/	22.45	/	/	<=30	Pass
		Inner_1RB_Left	20.91	/	/	22.53	/	/	<=30	Pass
		Inner_1RB_Right	20.56	/	/	22.18	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge_1RB_Left	20.12	/	/	21.74	/	/	<=30	Pass
		Edge_1RB_Right	19.71	/	/	21.33	/	/	<=30	Pass
		Outer_Full	20.08	/	/	21.70	/	/	<=30	Pass
		Inner_Full	21.08	/	/	22.70	/	/	<=30	Pass
		Inner_1RB_Left	21.19	/	/	22.81	/	/	<=30	Pass
		Inner_1RB_Right	20.77	/	/	22.39	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.98	/	/	21.60	/	/	<=30	Pass
		Edge_1RB_Right	19.57	/	/	21.19	/	/	<=30	Pass
		Outer_Full	19.96	/	/	21.58	/	/	<=30	Pass
		Inner_Full	20.94	/	/	22.56	/	/	<=30	Pass
		Inner_1RB_Left	21.03	/	/	22.65	/	/	<=30	Pass
		Inner_1RB_Right	20.63	/	/	22.25	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	19.90	/	/	21.52	/	/	<=30	Pass
		Edge_1RB_Right	19.60	/	/	21.22	/	/	<=30	Pass
		Outer_Full	19.75	/	/	21.37	/	/	<=30	Pass
		Inner_Full	20.84	/	/	22.46	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Right	20.62	/	/	22.24	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Left	19.24	/	/	20.86	/	/	<=30	Pass
		Edge_1RB_Right	18.82	/	/	20.44	/	/	<=30	Pass
		Outer_Full	19.08	/	/	20.70	/	/	<=30	Pass
		Inner_Full	20.09	/	/	21.71	/	/	<=30	Pass
		Inner_1RB_Left	20.04	/	/	21.66	/	/	<=30	Pass
		Inner_1RB_Right	19.66	/	/	21.28	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.14	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	18.70	/	/	20.32	/	/	<=30	Pass
		Outer_Full	18.95	/	/	20.57	/	/	<=30	Pass
		Inner_Full	19.93	/	/	21.55	/	/	<=30	Pass
		Inner_1RB_Left	20.05	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	19.85	/	/	21.47	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	19.08	/	/	20.70	/	/	<=30	Pass
		Edge_1RB_Right	18.71	/	/	20.33	/	/	<=30	Pass
		Outer_Full	18.86	/	/	20.48	/	/	<=30	Pass
		Inner_Full	19.87	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Left	20.13	/	/	21.75	/	/	<=30	Pass
		Inner_1RB_Right	19.70	/	/	21.32	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Left	18.64	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	18.25	/	/	19.87	/	/	<=30	Pass
		Outer_Full	18.51	/	/	20.13	/	/	<=30	Pass
		Inner_Full	18.58	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	18.66	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Right	18.28	/	/	19.90	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.44	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	18.00	/	/	19.62	/	/	<=30	Pass
		Outer_Full	18.44	/	/	20.06	/	/	<=30	Pass
		Inner_Full	18.43	/	/	20.05	/	/	<=30	Pass
		Inner_1RB_Left	18.49	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Right	18.10	/	/	19.72	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	18.48	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	18.14	/	/	19.76	/	/	<=30	Pass
		Outer_Full	18.30	/	/	19.92	/	/	<=30	Pass
		Inner_Full	18.32	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Left	18.48	/	/	20.10	/	/	<=30	Pass
		Inner_1RB_Right	18.12	/	/	19.74	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Left	16.69	/	/	18.31	/	/	<=30	Pass
		Edge_1RB_Right	16.33	/	/	17.95	/	/	<=30	Pass

		Outer_Full	16.54	/	/	18.16	/	/	<=30	Pass
		Inner_Full	16.52	/	/	18.14	/	/	<=30	Pass
		Inner_1RB_Left	16.64	/	/	18.26	/	/	<=30	Pass
		Inner_1RB_Right	16.23	/	/	17.85	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.44	/	/	18.06	/	/	<=30	Pass
		Edge_1RB_Right	16.09	/	/	17.71	/	/	<=30	Pass
		Outer_Full	16.47	/	/	18.09	/	/	<=30	Pass
		Inner_Full	16.39	/	/	18.01	/	/	<=30	Pass
		Inner_1RB_Left	16.45	/	/	18.07	/	/	<=30	Pass
		Inner_1RB_Right	16.08	/	/	17.70	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	16.33	/	/	17.95	/	/	<=30	Pass
		Edge_1RB_Right	16.05	/	/	17.67	/	/	<=30	Pass
		Outer_Full	16.33	/	/	17.95	/	/	<=30	Pass
		Inner_Full	16.30	/	/	17.92	/	/	<=30	Pass
		Inner_1RB_Left	16.42	/	/	18.04	/	/	<=30	Pass
		Inner_1RB_Right	16.08	/	/	17.70	/	/	<=30	Pass
CP-OFDM QPSK	3480	Edge_1RB_Left	18.01	/	/	19.63	/	/	<=30	Pass
		Edge_1RB_Right	17.75	/	/	19.37	/	/	<=30	Pass
		Outer_Full	18.05	/	/	19.67	/	/	<=30	Pass
		Inner_Full	19.58	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Left	19.60	/	/	21.22	/	/	<=30	Pass
		Inner_1RB_Right	19.26	/	/	20.88	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.06	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	17.66	/	/	19.28	/	/	<=30	Pass
		Outer_Full	17.91	/	/	19.53	/	/	<=30	Pass
		Inner_Full	19.45	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	19.55	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Right	19.12	/	/	20.74	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	17.95	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	17.61	/	/	19.23	/	/	<=30	Pass
		Outer_Full	17.84	/	/	19.46	/	/	<=30	Pass
		Inner_Full	19.35	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Left	19.44	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	19.10	/	/	20.72	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge_1RB_Left	18.13	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	17.78	/	/	19.40	/	/	<=30	Pass
		Outer_Full	18.00	/	/	19.62	/	/	<=30	Pass
		Inner_Full	19.08	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Left	19.35	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Right	18.87	/	/	20.49	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.04	/	/	19.66	/	/	<=30	Pass
		Edge_1RB_Right	17.67	/	/	19.29	/	/	<=30	Pass
		Outer_Full	17.93	/	/	19.55	/	/	<=30	Pass
		Inner_Full	18.93	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Left	19.10	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Right	18.71	/	/	20.33	/	/	<=30	Pass
	3519.99	Edge_1RB_Left	18.05	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	17.69	/	/	19.31	/	/	<=30	Pass
		Outer_Full	17.90	/	/	19.52	/	/	<=30	Pass
		Inner_Full	18.81	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Left	19.04	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Right	18.68	/	/	20.30	/	/	<=30	Pass
CP-OFDM 64 QAM	3480	Edge_1RB_Left	17.71	/	/	19.33	/	/	<=30	Pass
		Edge_1RB_Right	17.30	/	/	18.92	/	/	<=30	Pass
		Outer_Full	17.62	/	/	19.24	/	/	<=30	Pass
		Inner_Full	17.54	/	/	19.16	/	/	<=30	Pass
		Inner_1RB_Left	17.68	/	/	19.30	/	/	<=30	Pass
		Inner_1RB_Right	17.24	/	/	18.86	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.53	/	/	19.15	/	/	<=30	Pass

		Edge 1RB Right	17.17	/	/	18.79	/	/	<=30	Pass
		Outer Full	17.43	/	/	19.05	/	/	<=30	Pass
		Inner Full	17.46	/	/	19.08	/	/	<=30	Pass
		Inner 1RB Left	17.63	/	/	19.25	/	/	<=30	Pass
		Inner 1RB Right	17.27	/	/	18.89	/	/	<=30	Pass
	3519.99	Edge 1RB Left	17.47	/	/	19.09	/	/	<=30	Pass
		Edge 1RB Right	17.22	/	/	18.84	/	/	<=30	Pass
		Outer Full	17.25	/	/	18.87	/	/	<=30	Pass
		Inner Full	17.35	/	/	18.97	/	/	<=30	Pass
		Inner 1RB Left	17.52	/	/	19.14	/	/	<=30	Pass
Inner 1RB Right	17.18	/	/	18.80	/	/	<=30	Pass		
CP-OFDM 256 QAM	3480	Edge 1RB Left	15.14	/	/	16.76	/	/	<=30	Pass
		Edge 1RB Right	14.83	/	/	16.45	/	/	<=30	Pass
		Outer Full	14.95	/	/	16.57	/	/	<=30	Pass
		Inner Full	14.96	/	/	16.58	/	/	<=30	Pass
		Inner 1RB Left	15.10	/	/	16.72	/	/	<=30	Pass
		Inner 1RB Right	14.82	/	/	16.44	/	/	<=30	Pass
	3500.01	Edge 1RB Left	15.10	/	/	16.72	/	/	<=30	Pass
		Edge 1RB Right	14.71	/	/	16.33	/	/	<=30	Pass
		Outer Full	14.96	/	/	16.58	/	/	<=30	Pass
		Inner Full	14.91	/	/	16.53	/	/	<=30	Pass
		Inner 1RB Left	15.06	/	/	16.68	/	/	<=30	Pass
		Inner 1RB Right	14.82	/	/	16.44	/	/	<=30	Pass
	3519.99	Edge 1RB Left	15.02	/	/	16.64	/	/	<=30	Pass
		Edge 1RB Right	14.60	/	/	16.22	/	/	<=30	Pass
		Outer Full	14.87	/	/	16.49	/	/	<=30	Pass
Inner Full		14.74	/	/	16.36	/	/	<=30	Pass	
Inner 1RB Left		15.02	/	/	16.64	/	/	<=30	Pass	
Inner 1RB Right	14.75	/	/	16.37	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: 1.62dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3485.01	Edge 1RB Left	20.42	/	/	22.04	/	/	<=30	Pass
		Edge 1RB Right	20.04	/	/	21.66	/	/	<=30	Pass
		Outer Full	20.32	/	/	21.94	/	/	<=30	Pass
		Inner Full	20.88	/	/	22.50	/	/	<=30	Pass
		Inner 1RB Left	21.04	/	/	22.66	/	/	<=30	Pass
		Inner 1RB Right	20.67	/	/	22.29	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.39	/	/	22.01	/	/	<=30	Pass
		Edge 1RB Right	20.02	/	/	21.64	/	/	<=30	Pass
		Outer Full	20.28	/	/	21.90	/	/	<=30	Pass
		Inner Full	20.78	/	/	22.40	/	/	<=30	Pass
		Inner 1RB Left	20.91	/	/	22.53	/	/	<=30	Pass
		Inner 1RB Right	20.52	/	/	22.14	/	/	<=30	Pass
	3514.98	Edge 1RB Left	20.48	/	/	22.10	/	/	<=30	Pass
		Edge 1RB Right	20.05	/	/	21.67	/	/	<=30	Pass
		Outer Full	20.30	/	/	21.92	/	/	<=30	Pass
		Inner Full	20.81	/	/	22.43	/	/	<=30	Pass
		Inner 1RB Left	21.04	/	/	22.66	/	/	<=30	Pass
		Inner 1RB Right	20.47	/	/	22.09	/	/	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Edge 1RB Left	19.86	/	/	21.48	/	/	<=30	Pass
		Edge 1RB Right	19.60	/	/	21.22	/	/	<=30	Pass
		Outer Full	19.82	/	/	21.44	/	/	<=30	Pass

		Inner_Full	20.76	/	/	22.38	/	/	<=30	Pass
		Inner_1RB_Left	20.99	/	/	22.61	/	/	<=30	Pass
		Inner_1RB_Right	20.65	/	/	22.27	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.80	/	/	21.42	/	/	<=30	Pass
		Edge_1RB_Right	19.40	/	/	21.02	/	/	<=30	Pass
		Outer_Full	19.77	/	/	21.39	/	/	<=30	Pass
		Inner_Full	20.81	/	/	22.43	/	/	<=30	Pass
		Inner_1RB_Left	20.92	/	/	22.54	/	/	<=30	Pass
		Inner_1RB_Right	20.52	/	/	22.14	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.03	/	/	21.65	/	/	<=30	Pass
		Edge_1RB_Right	19.54	/	/	21.16	/	/	<=30	Pass
		Outer_Full	19.76	/	/	21.38	/	/	<=30	Pass
		Inner_Full	20.80	/	/	22.42	/	/	<=30	Pass
		Inner_1RB_Left	21.04	/	/	22.66	/	/	<=30	Pass
		Inner_1RB_Right	20.52	/	/	22.14	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Edge_1RB_Left	18.94	/	/	20.56	/	/	<=30	Pass
		Edge_1RB_Right	18.66	/	/	20.28	/	/	<=30	Pass
		Outer_Full	18.89	/	/	20.51	/	/	<=30	Pass
		Inner_Full	19.87	/	/	21.49	/	/	<=30	Pass
		Inner_1RB_Left	20.05	/	/	21.67	/	/	<=30	Pass
		Inner_1RB_Right	19.57	/	/	21.19	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.95	/	/	20.57	/	/	<=30	Pass
		Edge_1RB_Right	18.65	/	/	20.27	/	/	<=30	Pass
		Outer_Full	18.81	/	/	20.43	/	/	<=30	Pass
		Inner_Full	19.77	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Left	19.85	/	/	21.47	/	/	<=30	Pass
		Inner_1RB_Right	19.33	/	/	20.95	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	19.15	/	/	20.77	/	/	<=30	Pass
		Edge_1RB_Right	18.51	/	/	20.13	/	/	<=30	Pass
		Outer_Full	18.82	/	/	20.44	/	/	<=30	Pass
		Inner_Full	19.75	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	20.20	/	/	21.82	/	/	<=30	Pass
		Inner_1RB_Right	19.63	/	/	21.25	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	18.42	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	18.17	/	/	19.79	/	/	<=30	Pass
		Outer_Full	18.31	/	/	19.93	/	/	<=30	Pass
		Inner_Full	18.22	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Left	18.50	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Right	18.07	/	/	19.69	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.36	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	18.01	/	/	19.63	/	/	<=30	Pass
		Outer_Full	18.30	/	/	19.92	/	/	<=30	Pass
		Inner_Full	18.26	/	/	19.88	/	/	<=30	Pass
		Inner_1RB_Left	18.40	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Right	17.92	/	/	19.54	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	18.54	/	/	20.16	/	/	<=30	Pass
		Edge_1RB_Right	18.02	/	/	19.64	/	/	<=30	Pass
		Outer_Full	18.31	/	/	19.93	/	/	<=30	Pass
		Inner_Full	18.31	/	/	19.93	/	/	<=30	Pass
		Inner_1RB_Left	18.57	/	/	20.19	/	/	<=30	Pass
		Inner_1RB_Right	18.09	/	/	19.71	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	16.35	/	/	17.97	/	/	<=30	Pass
		Edge_1RB_Right	16.03	/	/	17.65	/	/	<=30	Pass
		Outer_Full	16.35	/	/	17.97	/	/	<=30	Pass
		Inner_Full	16.26	/	/	17.88	/	/	<=30	Pass
		Inner_1RB_Left	16.46	/	/	18.08	/	/	<=30	Pass
		Inner_1RB_Right	16.10	/	/	17.72	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.39	/	/	18.01	/	/	<=30	Pass
		Edge_1RB_Right	15.89	/	/	17.51	/	/	<=30	Pass

		Outer_Full	16.21	/	/	17.83	/	/	<=30	Pass
		Inner_Full	16.23	/	/	17.85	/	/	<=30	Pass
		Inner_1RB_Left	16.35	/	/	17.97	/	/	<=30	Pass
		Inner_1RB_Right	15.86	/	/	17.48	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	16.43	/	/	18.05	/	/	<=30	Pass
		Edge_1RB_Right	15.96	/	/	17.58	/	/	<=30	Pass
		Outer_Full	16.28	/	/	17.90	/	/	<=30	Pass
		Inner_Full	16.31	/	/	17.93	/	/	<=30	Pass
		Inner_1RB_Left	16.50	/	/	18.12	/	/	<=30	Pass
		Inner_1RB_Right	15.89	/	/	17.51	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	17.92	/	/	19.54	/	/	<=30	Pass
		Edge_1RB_Right	17.49	/	/	19.11	/	/	<=30	Pass
		Outer_Full	17.70	/	/	19.32	/	/	<=30	Pass
		Inner_Full	19.22	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Left	19.41	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Right	19.07	/	/	20.69	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.87	/	/	19.49	/	/	<=30	Pass
		Edge_1RB_Right	17.50	/	/	19.12	/	/	<=30	Pass
		Outer_Full	17.78	/	/	19.40	/	/	<=30	Pass
		Inner_Full	19.22	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Left	19.35	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Right	19.04	/	/	20.66	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	17.91	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	17.38	/	/	19.00	/	/	<=30	Pass
		Outer_Full	17.84	/	/	19.46	/	/	<=30	Pass
		Inner_Full	19.30	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Left	19.47	/	/	21.09	/	/	<=30	Pass
		Inner_1RB_Right	19.00	/	/	20.62	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge_1RB_Left	17.97	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	17.62	/	/	19.24	/	/	<=30	Pass
		Outer_Full	17.67	/	/	19.29	/	/	<=30	Pass
		Inner_Full	18.68	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Left	19.00	/	/	20.62	/	/	<=30	Pass
		Inner_1RB_Right	18.59	/	/	20.21	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.85	/	/	19.47	/	/	<=30	Pass
		Edge_1RB_Right	17.52	/	/	19.14	/	/	<=30	Pass
		Outer_Full	17.76	/	/	19.38	/	/	<=30	Pass
		Inner_Full	18.76	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	18.92	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Right	18.59	/	/	20.21	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	17.95	/	/	19.57	/	/	<=30	Pass
		Edge_1RB_Right	17.60	/	/	19.22	/	/	<=30	Pass
		Outer_Full	17.79	/	/	19.41	/	/	<=30	Pass
		Inner_Full	18.83	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Left	19.08	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Right	18.55	/	/	20.17	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	17.44	/	/	19.06	/	/	<=30	Pass
		Edge_1RB_Right	17.18	/	/	18.80	/	/	<=30	Pass
		Outer_Full	17.26	/	/	18.88	/	/	<=30	Pass
		Inner_Full	17.18	/	/	18.80	/	/	<=30	Pass
		Inner_1RB_Left	17.44	/	/	19.06	/	/	<=30	Pass
		Inner_1RB_Right	17.09	/	/	18.71	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.51	/	/	19.13	/	/	<=30	Pass
		Edge_1RB_Right	17.07	/	/	18.69	/	/	<=30	Pass
		Outer_Full	17.29	/	/	18.91	/	/	<=30	Pass
		Inner_Full	17.29	/	/	18.91	/	/	<=30	Pass
		Inner_1RB_Left	17.51	/	/	19.13	/	/	<=30	Pass
		Inner_1RB_Right	17.05	/	/	18.67	/	/	<=30	Pass
	3514.98	Edge_1RB_Left	17.54	/	/	19.16	/	/	<=30	Pass

		Edge 1RB Right	17.14	/	/	18.76	/	/	<=30	Pass	
		Outer Full	17.32	/	/	18.94	/	/	<=30	Pass	
		Inner Full	17.35	/	/	18.97	/	/	<=30	Pass	
		Inner 1RB Left	17.49	/	/	19.11	/	/	<=30	Pass	
		Inner 1RB Right	17.02	/	/	18.64	/	/	<=30	Pass	
CP-OFDM 256 QAM	3485.01	Edge 1RB Left	14.86	/	/	16.48	/	/	<=30	Pass	
		Edge 1RB Right	14.60	/	/	16.22	/	/	<=30	Pass	
		Outer Full	14.71	/	/	16.33	/	/	<=30	Pass	
		Inner Full	14.63	/	/	16.25	/	/	<=30	Pass	
		Inner 1RB Left	14.86	/	/	16.48	/	/	<=30	Pass	
		Inner 1RB Right	14.64	/	/	16.26	/	/	<=30	Pass	
		3500.01	Edge 1RB Left	14.97	/	/	16.59	/	/	<=30	Pass
			Edge 1RB Right	14.65	/	/	16.27	/	/	<=30	Pass
			Outer Full	14.76	/	/	16.38	/	/	<=30	Pass
			Inner Full	14.74	/	/	16.36	/	/	<=30	Pass
	Inner 1RB Left		15.05	/	/	16.67	/	/	<=30	Pass	
		Inner 1RB Right	14.64	/	/	16.26	/	/	<=30	Pass	
		3514.98	Edge 1RB Left	14.96	/	/	16.58	/	/	<=30	Pass
			Edge 1RB Right	14.65	/	/	16.27	/	/	<=30	Pass
			Outer Full	14.78	/	/	16.40	/	/	<=30	Pass
Inner Full			14.71	/	/	16.33	/	/	<=30	Pass	
Inner 1RB Left	15.00		/	/	16.62	/	/	<=30	Pass		
	Inner 1RB Right	14.69	/	/	16.31	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: 1.62dBi; 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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Edge 1RB Left	20.40	/	/	22.02	/	/	<=30	Pass
		Edge 1RB Right	20.13	/	/	21.75	/	/	<=30	Pass
		Outer Full	20.28	/	/	21.90	/	/	<=30	Pass
		Inner Full	20.80	/	/	22.42	/	/	<=30	Pass
		Inner 1RB Left	21.14	/	/	22.76	/	/	<=30	Pass
		Inner 1RB Right	20.61	/	/	22.23	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.36	/	/	21.98	/	/	<=30	Pass
		Edge 1RB Right	19.95	/	/	21.57	/	/	<=30	Pass
		Outer Full	20.29	/	/	21.91	/	/	<=30	Pass
		Inner Full	20.80	/	/	22.42	/	/	<=30	Pass
		Inner 1RB Left	20.86	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Right	20.53	/	/	22.15	/	/	<=30	Pass
	3510	Edge 1RB Left	20.40	/	/	22.02	/	/	<=30	Pass
		Edge 1RB Right	20.02	/	/	21.64	/	/	<=30	Pass
		Outer Full	20.27	/	/	21.89	/	/	<=30	Pass
		Inner Full	20.77	/	/	22.39	/	/	<=30	Pass
		Inner 1RB Left	20.90	/	/	22.52	/	/	<=30	Pass
		Inner 1RB Right	20.56	/	/	22.18	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge 1RB Left	19.91	/	/	21.53	/	/	<=30	Pass
		Edge 1RB Right	19.56	/	/	21.18	/	/	<=30	Pass
		Outer Full	19.81	/	/	21.43	/	/	<=30	Pass
		Inner Full	20.87	/	/	22.49	/	/	<=30	Pass
		Inner 1RB Left	20.86	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Right	20.57	/	/	22.19	/	/	<=30	Pass
	3500.01	Edge 1RB Left	19.84	/	/	21.46	/	/	<=30	Pass
		Edge 1RB Right	19.50	/	/	21.12	/	/	<=30	Pass
	Outer Full	19.77	/	/	21.39	/	/	<=30	Pass	

		Inner_Full	20.79	/	/	22.41	/	/	<=30	Pass
		Inner_1RB_Left	20.90	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Right	20.47	/	/	22.09	/	/	<=30	Pass
	3510	Edge_1RB_Left	19.91	/	/	21.53	/	/	<=30	Pass
		Edge_1RB_Right	19.40	/	/	21.02	/	/	<=30	Pass
		Outer_Full	19.70	/	/	21.32	/	/	<=30	Pass
		Inner_Full	20.73	/	/	22.35	/	/	<=30	Pass
		Inner_1RB_Left	20.87	/	/	22.49	/	/	<=30	Pass
		Inner_1RB_Right	20.53	/	/	22.15	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge_1RB_Left	19.05	/	/	20.67	/	/	<=30	Pass
		Edge_1RB_Right	18.63	/	/	20.25	/	/	<=30	Pass
		Outer_Full	18.77	/	/	20.39	/	/	<=30	Pass
		Inner_Full	19.75	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	20.01	/	/	21.63	/	/	<=30	Pass
		Inner_1RB_Right	19.71	/	/	21.33	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.79	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	18.46	/	/	20.08	/	/	<=30	Pass
		Outer_Full	18.75	/	/	20.37	/	/	<=30	Pass
		Inner_Full	19.73	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Left	19.90	/	/	21.52	/	/	<=30	Pass
		Inner_1RB_Right	19.47	/	/	21.09	/	/	<=30	Pass
	3510	Edge_1RB_Left	18.86	/	/	20.48	/	/	<=30	Pass
		Edge_1RB_Right	18.47	/	/	20.09	/	/	<=30	Pass
		Outer_Full	18.73	/	/	20.35	/	/	<=30	Pass
		Inner_Full	19.69	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	19.98	/	/	21.60	/	/	<=30	Pass
		Inner_1RB_Right	19.60	/	/	21.22	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB_Left	18.51	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	18.02	/	/	19.64	/	/	<=30	Pass
		Outer_Full	18.23	/	/	19.85	/	/	<=30	Pass
		Inner_Full	18.27	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Left	18.37	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Right	18.13	/	/	19.75	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.33	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	17.96	/	/	19.58	/	/	<=30	Pass
		Outer_Full	18.26	/	/	19.88	/	/	<=30	Pass
		Inner_Full	18.28	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Left	18.37	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Right	17.89	/	/	19.51	/	/	<=30	Pass
	3510	Edge_1RB_Left	18.39	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	18.00	/	/	19.62	/	/	<=30	Pass
		Outer_Full	18.16	/	/	19.78	/	/	<=30	Pass
		Inner_Full	18.17	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Left	18.36	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Right	17.99	/	/	19.61	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge_1RB_Left	16.41	/	/	18.03	/	/	<=30	Pass
		Edge_1RB_Right	16.03	/	/	17.65	/	/	<=30	Pass
		Outer_Full	16.27	/	/	17.89	/	/	<=30	Pass
		Inner_Full	16.26	/	/	17.88	/	/	<=30	Pass
		Inner_1RB_Left	16.45	/	/	18.07	/	/	<=30	Pass
		Inner_1RB_Right	16.08	/	/	17.70	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.32	/	/	17.94	/	/	<=30	Pass
		Edge_1RB_Right	16.01	/	/	17.63	/	/	<=30	Pass
		Outer_Full	16.30	/	/	17.92	/	/	<=30	Pass
		Inner_Full	16.19	/	/	17.81	/	/	<=30	Pass
		Inner_1RB_Left	16.32	/	/	17.94	/	/	<=30	Pass
		Inner_1RB_Right	15.85	/	/	17.47	/	/	<=30	Pass
	3510	Edge_1RB_Left	16.32	/	/	17.94	/	/	<=30	Pass
		Edge_1RB_Right	16.00	/	/	17.62	/	/	<=30	Pass

		Outer_Full	16.14	/	/	17.76	/	/	<=30	Pass
		Inner_Full	16.17	/	/	17.79	/	/	<=30	Pass
		Inner_1RB_Left	16.41	/	/	18.03	/	/	<=30	Pass
		Inner_1RB_Right	15.95	/	/	17.57	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge_1RB_Left	17.93	/	/	19.55	/	/	<=30	Pass
		Edge_1RB_Right	17.57	/	/	19.19	/	/	<=30	Pass
		Outer_Full	17.73	/	/	19.35	/	/	<=30	Pass
		Inner_Full	19.33	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Left	19.45	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Right	19.15	/	/	20.77	/	/	<=30	Pass
		Edge_1RB_Left	17.83	/	/	19.45	/	/	<=30	Pass
		Edge_1RB_Right	17.39	/	/	19.01	/	/	<=30	Pass
	3500.01	Outer_Full	17.75	/	/	19.37	/	/	<=30	Pass
		Inner_Full	19.28	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Left	19.35	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Right	18.88	/	/	20.50	/	/	<=30	Pass
		Edge_1RB_Left	17.84	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	17.50	/	/	19.12	/	/	<=30	Pass
	3510	Outer_Full	17.73	/	/	19.35	/	/	<=30	Pass
		Inner_Full	19.21	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Left	19.46	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Right	3.57	/	/	5.19	/	/	<=30	Pass
		Edge_1RB_Left	17.97	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	12.94	/	/	14.56	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	17.79	/	/	19.41	/	/	<=30	Pass
		Inner_Full	18.77	/	/	20.39	/	/	<=30	Pass
		Inner_1RB_Left	18.99	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	18.64	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Left	17.85	/	/	19.47	/	/	<=30	Pass
		Edge_1RB_Right	17.49	/	/	19.11	/	/	<=30	Pass
	3500.01	Outer_Full	17.73	/	/	19.35	/	/	<=30	Pass
		Inner_Full	18.73	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Left	18.99	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Right	18.47	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Left	17.97	/	/	19.59	/	/	<=30	Pass
		Edge_1RB_Right	17.50	/	/	19.12	/	/	<=30	Pass
	3510	Outer_Full	17.63	/	/	19.25	/	/	<=30	Pass
		Inner_Full	18.62	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Left	18.87	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	18.41	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Left	17.56	/	/	19.18	/	/	<=30	Pass
		Edge_1RB_Right	17.16	/	/	18.78	/	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	17.32	/	/	18.94	/	/	<=30	Pass
		Inner_Full	17.29	/	/	18.91	/	/	<=30	Pass
		Inner_1RB_Left	17.53	/	/	19.15	/	/	<=30	Pass
		Inner_1RB_Right	17.14	/	/	18.76	/	/	<=30	Pass
		Edge_1RB_Left	17.47	/	/	19.09	/	/	<=30	Pass
		Edge_1RB_Right	17.02	/	/	18.64	/	/	<=30	Pass
	3500.01	Outer_Full	17.27	/	/	18.89	/	/	<=30	Pass
		Inner_Full	17.27	/	/	18.89	/	/	<=30	Pass
		Inner_1RB_Left	17.38	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Right	17.03	/	/	18.65	/	/	<=30	Pass
		Edge_1RB_Left	17.53	/	/	19.15	/	/	<=30	Pass
		Edge_1RB_Right	17.06	/	/	18.68	/	/	<=30	Pass
	3510	Outer_Full	17.15	/	/	18.77	/	/	<=30	Pass
		Inner_Full	17.14	/	/	18.76	/	/	<=30	Pass
		Inner_1RB_Left	17.46	/	/	19.08	/	/	<=30	Pass
		Inner_1RB_Right	17.05	/	/	18.67	/	/	<=30	Pass
		Edge_1RB_Left	14.78	/	/	16.40	/	/	<=30	Pass
		Edge_1RB_Right	14.78	/	/	16.40	/	/	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	14.78	/	/	16.40	/	/	<=30	Pass

		Edge 1RB Right	14.61	/	/	16.23	/	/	<=30	Pass
		Outer Full	14.83	/	/	16.45	/	/	<=30	Pass
		Inner Full	14.76	/	/	16.38	/	/	<=30	Pass
		Inner 1RB Left	14.91	/	/	16.53	/	/	<=30	Pass
		Inner 1RB Right	14.64	/	/	16.26	/	/	<=30	Pass
	3500.01	Edge 1RB Left	14.81	/	/	16.43	/	/	<=30	Pass
		Edge 1RB Right	14.54	/	/	16.16	/	/	<=30	Pass
		Outer Full	14.67	/	/	16.29	/	/	<=30	Pass
		Inner Full	14.78	/	/	16.40	/	/	<=30	Pass
		Inner 1RB Left	14.94	/	/	16.56	/	/	<=30	Pass
	3510	Inner 1RB Right	14.56	/	/	16.18	/	/	<=30	Pass
		Edge 1RB Left	14.95	/	/	16.57	/	/	<=30	Pass
		Edge 1RB Right	14.64	/	/	16.26	/	/	<=30	Pass
		Outer Full	14.75	/	/	16.37	/	/	<=30	Pass
		Inner Full	14.73	/	/	16.35	/	/	<=30	Pass
		Inner 1RB Left	14.97	/	/	16.59	/	/	<=30	Pass
		Inner 1RB Right	14.62	/	/	16.24	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.62dBi;										
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
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Edge 1RB Left	20.30	/	/	21.92	/	/	<=30	Pass
		Edge 1RB Right	20.04	/	/	21.66	/	/	<=30	Pass
		Outer Full	20.19	/	/	21.81	/	/	<=30	Pass
		Inner Full	20.67	/	/	22.29	/	/	<=30	Pass
		Inner 1RB Left	20.86	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Right	20.65	/	/	22.27	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.38	/	/	22.00	/	/	<=30	Pass
		Edge 1RB Right	20.02	/	/	21.64	/	/	<=30	Pass
		Outer Full	20.27	/	/	21.89	/	/	<=30	Pass
		Inner Full	20.85	/	/	22.47	/	/	<=30	Pass
		Inner 1RB Left	20.92	/	/	22.54	/	/	<=30	Pass
		Inner 1RB Right	20.53	/	/	22.15	/	/	<=30	Pass
	3504.99	Edge 1RB Left	19.85	/	/	21.47	/	/	<=30	Pass
		Edge 1RB Right	19.47	/	/	21.09	/	/	<=30	Pass
		Outer Full	19.90	/	/	21.52	/	/	<=30	Pass
		Inner Full	20.86	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Left	20.88	/	/	22.50	/	/	<=30	Pass
		Inner 1RB Right	20.50	/	/	22.12	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Edge 1RB Left	19.88	/	/	21.50	/	/	<=30	Pass
		Edge 1RB Right	19.50	/	/	21.12	/	/	<=30	Pass
		Outer Full	19.67	/	/	21.29	/	/	<=30	Pass
		Inner Full	20.71	/	/	22.33	/	/	<=30	Pass
		Inner 1RB Left	20.86	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Right	20.59	/	/	22.21	/	/	<=30	Pass
	3500.01	Edge 1RB Left	19.86	/	/	21.48	/	/	<=30	Pass
		Edge 1RB Right	19.50	/	/	21.12	/	/	<=30	Pass
		Outer Full	19.84	/	/	21.46	/	/	<=30	Pass
		Inner Full	20.80	/	/	22.42	/	/	<=30	Pass
		Inner 1RB Left	20.94	/	/	22.56	/	/	<=30	Pass
		Inner 1RB Right	20.52	/	/	22.14	/	/	<=30	Pass
	3504.99	Edge 1RB Left	19.89	/	/	21.51	/	/	<=30	Pass
		Edge 1RB Right	19.40	/	/	21.02	/	/	<=30	Pass
		Outer Full	19.87	/	/	21.49	/	/	<=30	Pass

		Inner_Full	20.89	/	/	22.51	/	/	<=30	Pass
		Inner_1RB_Left	20.90	/	/	22.52	/	/	<=30	Pass
		Inner_1RB_Right	20.47	/	/	22.09	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge_1RB_Left	18.87	/	/	20.49	/	/	<=30	Pass
		Edge_1RB_Right	18.53	/	/	20.15	/	/	<=30	Pass
		Outer_Full	18.72	/	/	20.34	/	/	<=30	Pass
		Inner_Full	19.69	/	/	21.31	/	/	<=30	Pass
		Inner_1RB_Left	19.91	/	/	21.53	/	/	<=30	Pass
		Inner_1RB_Right	19.66	/	/	21.28	/	/	<=30	Pass
		Edge_1RB_Left	18.92	/	/	20.54	/	/	<=30	Pass
	3500.01	Edge_1RB_Right	18.42	/	/	20.04	/	/	<=30	Pass
		Outer_Full	18.76	/	/	20.38	/	/	<=30	Pass
		Inner_Full	19.82	/	/	21.44	/	/	<=30	Pass
		Inner_1RB_Left	20.11	/	/	21.73	/	/	<=30	Pass
		Inner_1RB_Right	19.67	/	/	21.29	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	18.92	/	/	20.54	/	/	<=30	Pass
		Edge_1RB_Right	18.44	/	/	20.06	/	/	<=30	Pass
		Outer_Full	18.88	/	/	20.50	/	/	<=30	Pass
		Inner_Full	19.89	/	/	21.51	/	/	<=30	Pass
		Inner_1RB_Left	20.00	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	19.57	/	/	21.19	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	18.36	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	17.98	/	/	19.60	/	/	<=30	Pass
		Outer_Full	18.23	/	/	19.85	/	/	<=30	Pass
		Inner_Full	18.17	/	/	19.79	/	/	<=30	Pass
		Inner_1RB_Left	18.28	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Right	18.04	/	/	19.66	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.47	/	/	20.09	/	/	<=30	Pass
		Edge_1RB_Right	18.01	/	/	19.63	/	/	<=30	Pass
		Outer_Full	18.28	/	/	19.90	/	/	<=30	Pass
		Inner_Full	18.29	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Left	18.38	/	/	20.00	/	/	<=30	Pass
	3504.99	Inner_1RB_Right	17.94	/	/	19.56	/	/	<=30	Pass
		Edge_1RB_Left	18.38	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	17.96	/	/	19.58	/	/	<=30	Pass
		Outer_Full	18.39	/	/	20.01	/	/	<=30	Pass
		Inner_Full	18.36	/	/	19.98	/	/	<=30	Pass
		Inner_1RB_Left	18.34	/	/	19.96	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Inner_1RB_Right	17.96	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Left	16.33	/	/	17.95	/	/	<=30	Pass
		Edge_1RB_Right	16.10	/	/	17.72	/	/	<=30	Pass
		Outer_Full	16.14	/	/	17.76	/	/	<=30	Pass
		Inner_Full	16.11	/	/	17.73	/	/	<=30	Pass
		Inner_1RB_Left	16.38	/	/	18.00	/	/	<=30	Pass
	3500.01	Inner_1RB_Right	16.16	/	/	17.78	/	/	<=30	Pass
		Edge_1RB_Left	16.51	/	/	18.13	/	/	<=30	Pass
		Edge_1RB_Right	16.06	/	/	17.68	/	/	<=30	Pass
		Outer_Full	16.24	/	/	17.86	/	/	<=30	Pass
		Inner_Full	16.28	/	/	17.90	/	/	<=30	Pass
		Inner_1RB_Left	16.39	/	/	18.01	/	/	<=30	Pass
	3504.99	Inner_1RB_Right	16.04	/	/	17.66	/	/	<=30	Pass
		Edge_1RB_Left	16.42	/	/	18.04	/	/	<=30	Pass
		Edge_1RB_Right	16.01	/	/	17.63	/	/	<=30	Pass
		Outer_Full	16.38	/	/	18.00	/	/	<=30	Pass
		Inner_Full	16.42	/	/	18.04	/	/	<=30	Pass
		Inner_1RB_Left	16.35	/	/	17.97	/	/	<=30	Pass
CP-OFDM QPSK	3495	Inner_1RB_Right	15.92	/	/	17.54	/	/	<=30	Pass
		Edge_1RB_Left	17.87	/	/	19.49	/	/	<=30	Pass
		Edge_1RB_Right	17.53	/	/	19.15	/	/	<=30	Pass

		Outer_Full	17.72	/	/	19.34	/	/	<=30	Pass
		Inner_Full	19.20	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Left	19.40	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	19.11	/	/	20.73	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.82	/	/	19.44	/	/	<=30	Pass
		Edge_1RB_Right	17.52	/	/	19.14	/	/	<=30	Pass
		Outer_Full	17.74	/	/	19.36	/	/	<=30	Pass
		Inner_Full	19.21	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Left	19.37	/	/	20.99	/	/	<=30	Pass
		Inner_1RB_Right	18.92	/	/	20.54	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	17.84	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	17.53	/	/	19.15	/	/	<=30	Pass
		Outer_Full	17.91	/	/	19.53	/	/	<=30	Pass
		Inner_Full	19.43	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	19.39	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Right	18.94	/	/	20.56	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Edge_1RB_Left	17.84	/	/	19.46	/	/	<=30	Pass
		Edge_1RB_Right	17.72	/	/	19.34	/	/	<=30	Pass
		Outer_Full	17.70	/	/	19.32	/	/	<=30	Pass
		Inner_Full	18.68	/	/	20.30	/	/	<=30	Pass
		Inner_1RB_Left	18.87	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	18.58	/	/	20.20	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.98	/	/	19.60	/	/	<=30	Pass
		Edge_1RB_Right	17.58	/	/	19.20	/	/	<=30	Pass
		Outer_Full	17.76	/	/	19.38	/	/	<=30	Pass
		Inner_Full	18.83	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Left	18.97	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Right	18.56	/	/	20.18	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	18.02	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	17.61	/	/	19.23	/	/	<=30	Pass
		Outer_Full	17.89	/	/	19.51	/	/	<=30	Pass
		Inner_Full	18.95	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	18.92	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Right	18.58	/	/	20.20	/	/	<=30	Pass
CP-OFDM 64 QAM	3495	Edge_1RB_Left	17.41	/	/	19.03	/	/	<=30	Pass
		Edge_1RB_Right	17.13	/	/	18.75	/	/	<=30	Pass
		Outer_Full	17.17	/	/	18.79	/	/	<=30	Pass
		Inner_Full	17.19	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Left	17.45	/	/	19.07	/	/	<=30	Pass
		Inner_1RB_Right	17.13	/	/	18.75	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.47	/	/	19.09	/	/	<=30	Pass
		Edge_1RB_Right	17.13	/	/	18.75	/	/	<=30	Pass
		Outer_Full	17.30	/	/	18.92	/	/	<=30	Pass
		Inner_Full	17.28	/	/	18.90	/	/	<=30	Pass
		Inner_1RB_Left	17.45	/	/	19.07	/	/	<=30	Pass
		Inner_1RB_Right	17.06	/	/	18.68	/	/	<=30	Pass
	3504.99	Edge_1RB_Left	17.44	/	/	19.06	/	/	<=30	Pass
		Edge_1RB_Right	17.04	/	/	18.66	/	/	<=30	Pass
		Outer_Full	17.36	/	/	18.98	/	/	<=30	Pass
		Inner_Full	17.43	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Left	17.46	/	/	19.08	/	/	<=30	Pass
		Inner_1RB_Right	17.05	/	/	18.67	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge_1RB_Left	14.83	/	/	16.45	/	/	<=30	Pass
		Edge_1RB_Right	14.81	/	/	16.43	/	/	<=30	Pass
		Outer_Full	14.70	/	/	16.32	/	/	<=30	Pass
		Inner_Full	14.62	/	/	16.24	/	/	<=30	Pass
		Inner_1RB_Left	14.85	/	/	16.47	/	/	<=30	Pass
		Inner_1RB_Right	14.75	/	/	16.37	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	14.88	/	/	16.50	/	/	<=30	Pass

		Edge 1RB Right	14.73	/	/	16.35	/	/	<=30	Pass
		Outer Full	14.75	/	/	16.37	/	/	<=30	Pass
		Inner Full	14.68	/	/	16.30	/	/	<=30	Pass
		Inner 1RB Left	14.90	/	/	16.52	/	/	<=30	Pass
		Inner 1RB Right	14.65	/	/	16.27	/	/	<=30	Pass
	3504.99	Edge 1RB Left	14.92	/	/	16.54	/	/	<=30	Pass
		Edge 1RB Right	14.77	/	/	16.39	/	/	<=30	Pass
		Outer Full	14.87	/	/	16.49	/	/	<=30	Pass
		Inner Full	14.85	/	/	16.47	/	/	<=30	Pass
		Inner 1RB Left	14.99	/	/	16.61	/	/	<=30	Pass
		Inner 1RB Right	14.61	/	/	16.23	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.62dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30k_SISO_100MHz_NTNV_EIRP

5G NR n78e SCS=30kHz SISO 100MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge 1RB Left	20.41	/	/	22.03	/	/	<=30	Pass
		Edge 1RB Right	19.99	/	/	21.61	/	/	<=30	Pass
		Outer Full	20.33	/	/	21.95	/	/	<=30	Pass
		Inner Full	20.83	/	/	22.45	/	/	<=30	Pass
		Inner 1RB Left	20.85	/	/	22.47	/	/	<=30	Pass
		Inner 1RB Right	20.52	/	/	22.14	/	/	<=30	Pass
	3500.01	Edge 1RB Left	20.43	/	/	22.05	/	/	<=30	Pass
		Edge 1RB Right	20.02	/	/	21.64	/	/	<=30	Pass
		Outer Full	20.24	/	/	21.86	/	/	<=30	Pass
		Inner Full	20.81	/	/	22.43	/	/	<=30	Pass
		Inner 1RB Left	20.89	/	/	22.51	/	/	<=30	Pass
		Inner 1RB Right	20.49	/	/	22.11	/	/	<=30	Pass
	3499.98	Edge 1RB Left	20.49	/	/	22.11	/	/	<=30	Pass
		Edge 1RB Right	20.06	/	/	21.68	/	/	<=30	Pass
		Outer Full	20.43	/	/	22.05	/	/	<=30	Pass
		Inner Full	20.95	/	/	22.57	/	/	<=30	Pass
		Inner 1RB Left	21.07	/	/	22.69	/	/	<=30	Pass
		Inner 1RB Right	20.57	/	/	22.19	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge 1RB Left	19.80	/	/	21.42	/	/	<=30	Pass
		Edge 1RB Right	19.43	/	/	21.05	/	/	<=30	Pass
		Outer Full	19.75	/	/	21.37	/	/	<=30	Pass
		Inner Full	20.80	/	/	22.42	/	/	<=30	Pass
		Inner 1RB Left	20.91	/	/	22.53	/	/	<=30	Pass
		Inner 1RB Right	20.46	/	/	22.08	/	/	<=30	Pass
	3500.01	Edge 1RB Left	19.87	/	/	21.49	/	/	<=30	Pass
		Edge 1RB Right	19.47	/	/	21.09	/	/	<=30	Pass
		Outer Full	19.78	/	/	21.40	/	/	<=30	Pass
		Inner Full	20.86	/	/	22.48	/	/	<=30	Pass
		Inner 1RB Left	20.90	/	/	22.52	/	/	<=30	Pass
		Inner 1RB Right	20.50	/	/	22.12	/	/	<=30	Pass
	3499.98	Edge 1RB Left	20.01	/	/	21.63	/	/	<=30	Pass
		Edge 1RB Right	19.53	/	/	21.15	/	/	<=30	Pass
		Outer Full	19.90	/	/	21.52	/	/	<=30	Pass
		Inner Full	20.89	/	/	22.51	/	/	<=30	Pass
		Inner 1RB Left	21.03	/	/	22.65	/	/	<=30	Pass
		Inner 1RB Right	20.56	/	/	22.18	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge 1RB Left	18.91	/	/	20.53	/	/	<=30	Pass
		Edge 1RB Right	18.49	/	/	20.11	/	/	<=30	Pass
		Outer Full	18.73	/	/	20.35	/	/	<=30	Pass

		Inner_Full	19.75	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Left	19.97	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	19.54	/	/	21.16	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.83	/	/	20.45	/	/	<=30	Pass
		Edge_1RB_Right	18.43	/	/	20.05	/	/	<=30	Pass
		Outer_Full	18.81	/	/	20.43	/	/	<=30	Pass
		Inner_Full	19.77	/	/	21.39	/	/	<=30	Pass
		Inner_1RB_Left	19.97	/	/	21.59	/	/	<=30	Pass
		Inner_1RB_Right	19.60	/	/	21.22	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	19.13	/	/	20.75	/	/	<=30	Pass
		Edge_1RB_Right	18.63	/	/	20.25	/	/	<=30	Pass
		Outer_Full	18.87	/	/	20.49	/	/	<=30	Pass
		Inner_Full	19.92	/	/	21.54	/	/	<=30	Pass
		Inner_1RB_Left	20.07	/	/	21.69	/	/	<=30	Pass
		Inner_1RB_Right	19.61	/	/	21.23	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	18.25	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	17.91	/	/	19.53	/	/	<=30	Pass
		Outer_Full	18.25	/	/	19.87	/	/	<=30	Pass
		Inner_Full	18.29	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Left	18.22	/	/	19.84	/	/	<=30	Pass
		Inner_1RB_Right	17.85	/	/	19.47	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.34	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	17.91	/	/	19.53	/	/	<=30	Pass
		Outer_Full	18.29	/	/	19.91	/	/	<=30	Pass
		Inner_Full	18.32	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Left	18.27	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Right	17.91	/	/	19.53	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	18.53	/	/	20.15	/	/	<=30	Pass
		Edge_1RB_Right	18.09	/	/	19.71	/	/	<=30	Pass
		Outer_Full	18.38	/	/	20.00	/	/	<=30	Pass
		Inner_Full	18.40	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Left	18.55	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Right	18.04	/	/	19.66	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	16.33	/	/	17.95	/	/	<=30	Pass
		Edge_1RB_Right	15.94	/	/	17.56	/	/	<=30	Pass
		Outer_Full	16.24	/	/	17.86	/	/	<=30	Pass
		Inner_Full	16.22	/	/	17.84	/	/	<=30	Pass
		Inner_1RB_Left	16.42	/	/	18.04	/	/	<=30	Pass
		Inner_1RB_Right	16.04	/	/	17.66	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	16.40	/	/	18.02	/	/	<=30	Pass
		Edge_1RB_Right	16.03	/	/	17.65	/	/	<=30	Pass
		Outer_Full	16.22	/	/	17.84	/	/	<=30	Pass
		Inner_Full	16.26	/	/	17.88	/	/	<=30	Pass
		Inner_1RB_Left	16.31	/	/	17.93	/	/	<=30	Pass
		Inner_1RB_Right	16.01	/	/	17.63	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	16.59	/	/	18.21	/	/	<=30	Pass
		Edge_1RB_Right	16.06	/	/	17.68	/	/	<=30	Pass
		Outer_Full	16.42	/	/	18.04	/	/	<=30	Pass
		Inner_Full	16.40	/	/	18.02	/	/	<=30	Pass
		Inner_1RB_Left	16.59	/	/	18.21	/	/	<=30	Pass
		Inner_1RB_Right	16.08	/	/	17.70	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	17.88	/	/	19.50	/	/	<=30	Pass
		Edge_1RB_Right	17.51	/	/	19.13	/	/	<=30	Pass
		Outer_Full	17.68	/	/	19.30	/	/	<=30	Pass
		Inner_Full	19.21	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Left	19.44	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	19.01	/	/	20.63	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.86	/	/	19.48	/	/	<=30	Pass
		Edge_1RB_Right	17.50	/	/	19.12	/	/	<=30	Pass

		Outer_Full	17.72	/	/	19.34	/	/	<=30	Pass
		Inner_Full	19.26	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Left	19.38	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	19.05	/	/	20.67	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	18.05	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	17.60	/	/	19.22	/	/	<=30	Pass
		Outer_Full	17.89	/	/	19.51	/	/	<=30	Pass
		Inner_Full	19.45	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	19.62	/	/	21.24	/	/	<=30	Pass
		Inner_1RB_Right	19.22	/	/	20.84	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	17.83	/	/	19.45	/	/	<=30	Pass
		Edge_1RB_Right	17.56	/	/	19.18	/	/	<=30	Pass
		Outer_Full	17.74	/	/	19.36	/	/	<=30	Pass
		Inner_Full	18.74	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Left	19.01	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	18.49	/	/	20.11	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.79	/	/	19.41	/	/	<=30	Pass
		Edge_1RB_Right	17.47	/	/	19.09	/	/	<=30	Pass
		Outer_Full	17.77	/	/	19.39	/	/	<=30	Pass
		Inner_Full	18.72	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Left	18.81	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Right	18.36	/	/	19.98	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	18.06	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	17.52	/	/	19.14	/	/	<=30	Pass
		Outer_Full	17.91	/	/	19.53	/	/	<=30	Pass
		Inner_Full	18.92	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Left	18.94	/	/	20.56	/	/	<=30	Pass
		Inner_1RB_Right	18.51	/	/	20.13	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	17.45	/	/	19.07	/	/	<=30	Pass
		Edge_1RB_Right	17.11	/	/	18.73	/	/	<=30	Pass
		Outer_Full	17.33	/	/	18.95	/	/	<=30	Pass
		Inner_Full	17.27	/	/	18.89	/	/	<=30	Pass
		Inner_1RB_Left	17.38	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Right	17.11	/	/	18.73	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.44	/	/	19.06	/	/	<=30	Pass
		Edge_1RB_Right	17.18	/	/	18.80	/	/	<=30	Pass
		Outer_Full	17.27	/	/	18.89	/	/	<=30	Pass
		Inner_Full	17.29	/	/	18.91	/	/	<=30	Pass
		Inner_1RB_Left	17.43	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Right	17.05	/	/	18.67	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	17.72	/	/	19.34	/	/	<=30	Pass
		Edge_1RB_Right	17.13	/	/	18.75	/	/	<=30	Pass
		Outer_Full	17.43	/	/	19.05	/	/	<=30	Pass
		Inner_Full	17.40	/	/	19.02	/	/	<=30	Pass
		Inner_1RB_Left	17.63	/	/	19.25	/	/	<=30	Pass
		Inner_1RB_Right	17.22	/	/	18.84	/	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	14.88	/	/	16.50	/	/	<=30	Pass
		Edge_1RB_Right	14.68	/	/	16.30	/	/	<=30	Pass
		Outer_Full	14.74	/	/	16.36	/	/	<=30	Pass
		Inner_Full	14.69	/	/	16.31	/	/	<=30	Pass
		Inner_1RB_Left	14.85	/	/	16.47	/	/	<=30	Pass
		Inner_1RB_Right	14.69	/	/	16.31	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	14.84	/	/	16.46	/	/	<=30	Pass
		Edge_1RB_Right	14.75	/	/	16.37	/	/	<=30	Pass
		Outer_Full	14.80	/	/	16.42	/	/	<=30	Pass
		Inner_Full	14.74	/	/	16.36	/	/	<=30	Pass
		Inner_1RB_Left	14.88	/	/	16.50	/	/	<=30	Pass
		Inner_1RB_Right	14.72	/	/	16.34	/	/	<=30	Pass
	3499.98	Edge_1RB_Left	15.07	/	/	16.69	/	/	<=30	Pass

		Edge 1RB Right	14.73	/	/	16.35	/	/	<=30	Pass
		Outer_Full	14.94	/	/	16.56	/	/	<=30	Pass
		Inner_Full	14.88	/	/	16.50	/	/	<=30	Pass
		Inner 1RB Left	15.06	/	/	16.68	/	/	<=30	Pass
		Inner 1RB Right	14.92	/	/	16.54	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.62dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 30k_SISO_20MHz

5G NR n78e SCS=30kHz SISO 20MHz								
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	-5.20	-0.0015	>=-2.5 & <=2.5	Pass
				HV	14.90	0.0043	>=-2.5 & <=2.5	Pass
			-30	NV	-15.70	-0.0045	>=-2.5 & <=2.5	Pass
			-20	NV	3.10	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	4.30	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	16.70	0.0048	>=-2.5 & <=2.5	Pass
			10	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	4.90	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	11.90	0.0034	>=-2.5 & <=2.5	Pass
			40	NV	14.10	0.0040	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	5.00	0.0014	>=-2.5 & <=2.5	Pass
				HV	5.80	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-3.40	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	3.80	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	-3.70	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	4.50	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	3.00	0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	1.60	0.0005	>=-2.5 & <=2.5	Pass
				HV	5.00	0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	11.70	0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	7.30	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	-4.80	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-14.40	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	11.00	0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	7.20	0.0021	>=-2.5 & <=2.5	Pass
				HV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-2.10	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	8.70	0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-1.90	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	5.50	0.0016	>=-2.5 & <=2.5	Pass

			10	NV	7.60	0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	10.60	0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	12.80	0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-5.70	-0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	6.50	0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	4.30	0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-12.20	-0.0035	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-11.60	-0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	0.60	0.0002	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	9.80	0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	5.70	0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	3.70	0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-7.20	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-0.60	-0.0002	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-4.20	-0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-3.10	-0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	13.20	0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	3.10	0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-8.60	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	6.40	0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-8.00	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	3.80	0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	2.80	0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	5.10	0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	9.80	0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	10.00	0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-2.50	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-12.60	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	5.20	0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-10.00	-0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	8.50	0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-2.80	-0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	7.90	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	2.60	0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	7.20	0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-10.60	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-5.40	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-15.80	-0.0045	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3.50	0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-15.60	-0.0045	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-0.80	-0.0002	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	7.00	0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-7.50	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	2.60	0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	4.80	0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-9.70	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-7.00	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-3.90	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-3.90	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-5.90	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-8.40	-0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-3.90	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-4.50	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	5.00	0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-9.70	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-9.40	-0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	3.00	0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-6.10	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-3.70	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

			50	NV	14.40	0.0041	>=-2.5 & <=2.5	Pass
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2.1.2 30k_SISO_30MHz

5G NR n78e SCS=30kHz SISO 30MHz								
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	-6.70	-0.0019	>=-2.5 & <=2.5	Pass
				HV	17.80	0.0051	>=-2.5 & <=2.5	Pass
			-30	NV	4.90	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	11.30	0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	12.00	0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			20	NV	1.60	0.0005	>=-2.5 & <=2.5	Pass
			30	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-1.00	-0.0003	>=-2.5 & <=2.5	Pass
				HV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	3.60	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	3.40	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	9.20	0.0026	>=-2.5 & <=2.5	Pass
			10	NV	-9.20	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	10.00	0.0029	>=-2.5 & <=2.5	Pass
			30	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	3.00	0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	2.10	0.0006	>=-2.5 & <=2.5	Pass
				HV	1.50	0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	-8.20	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	2.10	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	10.00	0.0029	>=-2.5 & <=2.5	Pass
			10	NV	5.30	0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-12.60	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	7.30	0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-3.40	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	2.20	0.0006	>=-2.5 & <=2.5	Pass
				HV	11.50	0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	10.50	0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	8.40	0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	8.50	0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-1.50	-0.0004	>=-2.5 & <=2.5	Pass
			10	NV	11.70	0.0033	>=-2.5 & <=2.5	Pass
			20	NV	7.10	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-4.30	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	1.30	0.0004	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	15.00	0.0043	>=-2.5 & <=2.5	Pass
				HV	-6.50	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	4.30	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	6.90	0.0020	>=-2.5 & <=2.5	Pass
			0	NV	9.40	0.0027	>=-2.5 & <=2.5	Pass

			10	NV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	11.80	0.0034	>=-2.5 & <=2.5	Pass
			50	NV	-9.40	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
				HV	-13.50	-0.0039	>=-2.5 & <=2.5	Pass
			-30	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	8.40	0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-2.00	-0.0006	>=-2.5 & <=2.5	Pass
			0	NV	6.60	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-6.70	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			30	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-5.60	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	15.00	0.0043	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	11.50	0.0033	>=-2.5 & <=2.5	Pass
				HV	10.20	0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	7.10	0.0020	>=-2.5 & <=2.5	Pass
			-10	NV	11.10	0.0032	>=-2.5 & <=2.5	Pass
			0	NV	-11.90	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-5.30	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	3.70	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	7.60	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	11.80	0.0034	>=-2.5 & <=2.5	Pass
			50	NV	4.70	0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	8.20	0.0023	>=-2.5 & <=2.5	Pass
				HV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	12.80	0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	3.00	0.0009	>=-2.5 & <=2.5	Pass
			20	NV	9.20	0.0026	>=-2.5 & <=2.5	Pass
			30	NV	2.50	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-0.80	-0.0002	>=-2.5 & <=2.5	Pass
			50	NV	7.50	0.0021	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	8.60	0.0025	>=-2.5 & <=2.5	Pass
				HV	10.40	0.0030	>=-2.5 & <=2.5	Pass
			-30	NV	19.10	0.0055	>=-2.5 & <=2.5	Pass
			-20	NV	10.30	0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-7.10	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	16.50	0.0047	>=-2.5 & <=2.5	Pass
			10	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	-11.10	-0.0032	>=-2.5 & <=2.5	Pass
			40	NV	-10.60	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	8.30	0.0024	>=-2.5 & <=2.5	Pass

2.1.3 30k_SISO_40MHz

5G NR n78e SCS=30kHz SISO 40MHz								
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	-7.40	-0.0021	>=-2.5 & <=2.5	Pass
				HV	10.30	0.0029	>=-2.5 & <=2.5	Pass

			-30	NV	-5.70	-0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-11.20	-0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	10.10	0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-1.30	-0.0004	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	6.30	0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	12.70	0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	3.20	0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	11.10	0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-2.10	-0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-5.50	-0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	8.50	0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-10.90	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	3.60	0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-7.30	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-5.10	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-5.70	-0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-6.30	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-1.60	-0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-7.40	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-6.20	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-6.30	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-3.70	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	7.30	0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	8.40	0.0024	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-16.60	-0.0047	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	8.20	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-10.60	-0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-12.50	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	4.90	0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	5.20	0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	2.90	0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	16.40	0.0047	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	13.30	0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	7.10	0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-6.70	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-8.20	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-7.30	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-5.40	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	5.70	0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-6.00	-0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-6.90	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	7.00	0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	5.60	0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-4.50	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-15.60	-0.0045	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-9.80	-0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	3.70	0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-7.50	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-3.20	-0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	6.40	0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	6.80	0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

			10	NV	-6.70	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			20	NV	2.20	0.0006	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.40	0.0013	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.90	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.70	-0.0022	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	14.90	0.0043	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.80	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.60	0.0016	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.40	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.70	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.80	0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	12.30	0.0035	≥ -2.5 & ≤ 2.5	Pass
			30	NV	13.80	0.0039	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.80	0.0008	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-13.80	-0.0039	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	8.60	0.0025	≥ -2.5 & ≤ 2.5	Pass
				HV	10.30	0.0029	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	5.00	0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-2.50	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	4.90	0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.50	0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.70	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.50	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.20	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	12.30	0.0035	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-9.30	-0.0027	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-5.80	-0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	6.20	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.00	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.30	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	5.60	0.0016	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.00	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-2.70	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-10.20	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			30	NV	9.80	0.0028	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-6.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.10	0.0003	≥ -2.5 & ≤ 2.5	Pass

2.1.4 30k_SISO_50MHz

5G NR n78e SCS=30kHz SISO 50MHz								
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	-6.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
				HV	4.70	0.0013	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	8.90	0.0025	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	3.40	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	12.80	0.0037	≥ -2.5 & ≤ 2.5	Pass
			0	NV	10.10	0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.60	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	4.80	0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.70	0.0016	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-2.20	-0.0006	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	12.00	0.0034	≥ -2.5 & ≤ 2.5	Pass
				HV	-7.00	-0.0020	≥ -2.5 & ≤ 2.5	Pass

			-30	NV	-6.40	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-4.30	-0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-6.30	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	3.60	0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-2.70	-0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	11.90	0.0034	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	4.80	0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	12.50	0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	-2.60	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-15.20	-0.0043	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	13.10	0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	8.70	0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-5.40	-0.0015	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-5.60	-0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	14.70	0.0042	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-4.40	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	13.20	0.0038	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	8.80	0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	9.40	0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	13.70	0.0039	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	7.30	0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	8.20	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-3.70	-0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-2.70	-0.0008	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-2.60	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-4.60	-0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	6.30	0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	8.60	0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	8.60	0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	7.40	0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	7.80	0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-7.90	-0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-7.40	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	14.10	0.0040	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-2.10	-0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-2.40	-0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	3.40	0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	-8.90	-0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-3.60	-0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	1.80	0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	-4.90	-0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	8.70	0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-10.70	-0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-2.20	-0.0006	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	9.80	0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	7.80	0.0022	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	-12.50	-0.0036	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	3.80	0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-6.50	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	2.30	0.0007	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	10.90	0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	6.00	0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	3.90	0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	3.40	0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	5.90	0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

			10	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			20	NV	3.40	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	-6.60	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	9.00	0.0026	>=-2.5 & <=2.5	Pass
			50	NV	5.90	0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	9.90	0.0028	>=-2.5 & <=2.5	Pass
				HV	0.60	0.0002	>=-2.5 & <=2.5	Pass
			-30	NV	4.10	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	12.30	0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	4.30	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-5.00	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	11.90	0.0034	>=-2.5 & <=2.5	Pass
			30	NV	12.70	0.0036	>=-2.5 & <=2.5	Pass
			40	NV	15.10	0.0043	>=-2.5 & <=2.5	Pass
			50	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	7.40	0.0021	>=-2.5 & <=2.5	Pass
				HV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	8.60	0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	-1.60	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	4.40	0.0013	>=-2.5 & <=2.5	Pass
			20	NV	12.70	0.0036	>=-2.5 & <=2.5	Pass
			30	NV	7.80	0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	0.90	0.0003	>=-2.5 & <=2.5	Pass

2.1.5 30k_SISO_60MHz

5G NR n78e SCS=30kHz SISO 60MHz								
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	15.60	0.0045	>=-2.5 & <=2.5	Pass
				HV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	13.90	0.0040	>=-2.5 & <=2.5	Pass
			-20	NV	-8.10	-0.0023	>=-2.5 & <=2.5	Pass
			-10	NV	3.00	0.0009	>=-2.5 & <=2.5	Pass
			0	NV	3.10	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
			20	NV	3.80	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	3.90	0.0011	>=-2.5 & <=2.5	Pass
			40	NV	7.60	0.0022	>=-2.5 & <=2.5	Pass
			50	NV	7.30	0.0021	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	9.10	0.0026	>=-2.5 & <=2.5	Pass
				HV	8.20	0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	3.50	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	6.20	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-4.40	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	11.40	0.0033	>=-2.5 & <=2.5	Pass
			10	NV	12.80	0.0037	>=-2.5 & <=2.5	Pass
			20	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			30	NV	8.10	0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-2.50	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	12.70	0.0036	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	15.90	0.0045	>=-2.5 & <=2.5	Pass
				HV	11.60	0.0033	>=-2.5 & <=2.5	Pass

			-30	NV	6.60	0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	13.00	0.0037	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	-7.10	-0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	6.50	0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	7.40	0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	9.00	0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	17.50	0.0050	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	9.30	0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			50	NV	4.40	0.0013	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-6.20	-0.0018	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	11.00	0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	16.20	0.0046	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	11.60	0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	6.90	0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	12.10	0.0035	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	-1.10	-0.0003	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	5.60	0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	14.70	0.0042	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	8.10	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	8.90	0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	3.60	0.0010	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-6.60	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	-7.50	-0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	7.50	0.0021	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	4.00	0.0011	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	7.00	0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	10.80	0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	16.40	0.0047	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-1.60	-0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	11.00	0.0031	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	9.80	0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	11.20	0.0032	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	15.80	0.0045	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	9.70	0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	11.70	0.0033	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	8.20	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	5.80	0.0017	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	8.00	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	6.90	0.0020	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3.00	0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	8.90	0.0025	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	9.10	0.0026	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	6.60	0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	9.90	0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	-1.60	-0.0005	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			10	NV	10.30	0.0029	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			20	NV	10.50	0.0030	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			30	NV	4.80	0.0014	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			40	NV	-3.20	-0.0009	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	5.70	0.0016	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
				HV	4.30	0.0012	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-30	NV	-6.50	-0.0019	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-20	NV	9.80	0.0028	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			-10	NV	9.30	0.0027	$\geq -2.5 \text{ \& } \leq 2.5$	Pass
			0	NV	7.90	0.0023	$\geq -2.5 \text{ \& } \leq 2.5$	Pass

			10	NV	-1.90	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	13.00	0.0037	>=-2.5 & <=2.5	Pass
			30	NV	5.20	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	17.10	0.0049	>=-2.5 & <=2.5	Pass
			50	NV	7.60	0.0022	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	15.90	0.0045	>=-2.5 & <=2.5	Pass
				HV	21.50	0.0061	>=-2.5 & <=2.5	Pass
			-30	NV	10.80	0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	9.60	0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	12.70	0.0036	>=-2.5 & <=2.5	Pass
			0	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	9.40	0.0027	>=-2.5 & <=2.5	Pass
			20	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	8.00	0.0023	>=-2.5 & <=2.5	Pass
			40	NV	9.10	0.0026	>=-2.5 & <=2.5	Pass
			50	NV	6.60	0.0019	>=-2.5 & <=2.5	Pass

2.1.6 30k_SISO_70MHz

5G NR n78e SCS=30kHz SISO 70MHz								
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	10.00	0.0029	>=-2.5 & <=2.5	Pass
				HV	-1.40	-0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	-2.70	-0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	8.40	0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	8.90	0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-1.50	-0.0004	>=-2.5 & <=2.5	Pass
			10	NV	15.20	0.0043	>=-2.5 & <=2.5	Pass
			20	NV	5.00	0.0014	>=-2.5 & <=2.5	Pass
			30	NV	7.00	0.0020	>=-2.5 & <=2.5	Pass
			40	NV	8.90	0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	7.30	0.0021	>=-2.5 & <=2.5	Pass
				HV	-1.50	-0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	7.50	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	12.80	0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	5.40	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	9.60	0.0027	>=-2.5 & <=2.5	Pass
			10	NV	3.80	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	13.60	0.0039	>=-2.5 & <=2.5	Pass
			30	NV	13.40	0.0038	>=-2.5 & <=2.5	Pass
			40	NV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	8.10	0.0023	>=-2.5 & <=2.5	Pass
				HV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	5.00	0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	5.50	0.0016	>=-2.5 & <=2.5	Pass
			0	NV	1.30	0.0004	>=-2.5 & <=2.5	Pass
			10	NV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-1.90	-0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	8.60	0.0025	>=-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	9.70	0.0028	>=-2.5 & <=2.5	Pass

			-30	NV	3.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	10.10	0.0029	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	13.60	0.0039	≥ -2.5 & ≤ 2.5	Pass
			0	NV	6.50	0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.00	0.0006	≥ -2.5 & ≤ 2.5	Pass
			20	NV	14.70	0.0042	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.10	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	9.80	0.0028	≥ -2.5 & ≤ 2.5	Pass
			50	NV	4.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	9.70	0.0028	≥ -2.5 & ≤ 2.5	Pass
				HV	8.70	0.0025	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	11.10	0.0032	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-1.20	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.20	0.0015	≥ -2.5 & ≤ 2.5	Pass
			10	NV	7.40	0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.10	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.50	0.0010	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	5.80	0.0017	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.60	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	11.40	0.0033	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-14.90	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.60	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			0	NV	6.10	0.0017	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.30	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			20	NV	9.60	0.0027	≥ -2.5 & ≤ 2.5	Pass
			30	NV	4.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
			40	NV	9.60	0.0027	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-9.50	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	12.70	0.0036	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	9.40	0.0027	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	8.90	0.0025	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.50	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			0	NV	1.40	0.0004	≥ -2.5 & ≤ 2.5	Pass
			10	NV	1.40	0.0004	≥ -2.5 & ≤ 2.5	Pass
			20	NV	8.60	0.0025	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	12.00	0.0034	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	9.30	0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.90	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	22.00	0.0063	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	7.30	0.0021	≥ -2.5 & ≤ 2.5	Pass
			0	NV	4.10	0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	12.80	0.0037	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.40	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			30	NV	10.80	0.0031	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.50	0.0007	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	8.00	0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	-10.10	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.80	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	13.20	0.0038	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	9.50	0.0027	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.40	-0.0015	≥ -2.5 & ≤ 2.5	Pass

			10	NV	3.20	0.0009	>=-2.5 & <=2.5	Pass
			20	NV	4.40	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-6.00	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	5.90	0.0017	>=-2.5 & <=2.5	Pass
			50	NV	3.80	0.0011	>=-2.5 & <=2.5	Pass

2.1.7 30k_SISO_80MHz

5G NR n78e SCS=30kHz SISO 80MHz								
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	12.30	0.0035	>=-2.5 & <=2.5	Pass
				HV	9.40	0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	8.00	0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	16.00	0.0046	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	8.40	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	2.20	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	14.40	0.0041	>=-2.5 & <=2.5	Pass
			50	NV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-6.10	-0.0017	>=-2.5 & <=2.5	Pass
				HV	14.80	0.0042	>=-2.5 & <=2.5	Pass
			-30	NV	-5.50	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-5.10	-0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	-7.00	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	2.40	0.0007	>=-2.5 & <=2.5	Pass
			10	NV	6.80	0.0019	>=-2.5 & <=2.5	Pass
			20	NV	7.00	0.0020	>=-2.5 & <=2.5	Pass
			30	NV	9.50	0.0027	>=-2.5 & <=2.5	Pass
			40	NV	4.30	0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-5.10	-0.0015	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	6.40	0.0018	>=-2.5 & <=2.5	Pass
				HV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	5.80	0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	7.30	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	8.80	0.0025	>=-2.5 & <=2.5	Pass
			0	NV	8.50	0.0024	>=-2.5 & <=2.5	Pass
			10	NV	4.90	0.0014	>=-2.5 & <=2.5	Pass
			20	NV	2.30	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-7.30	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	12.40	0.0035	>=-2.5 & <=2.5	Pass
			50	NV	26.40	0.0075	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	3.70	0.0011	>=-2.5 & <=2.5	Pass
				HV	-10.90	-0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	4.20	0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	10.10	0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	16.40	0.0047	>=-2.5 & <=2.5	Pass
			0	NV	11.20	0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	4.60	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	5.40	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
			50	NV	7.00	0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	10.20	0.0029	>=-2.5 & <=2.5	Pass
				HV	-13.10	-0.0037	>=-2.5 & <=2.5	Pass

			-30	NV	2.80	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	10.30	0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	1.50	0.0004	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	2.80	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-4.20	-0.0012	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	8.40	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	3.90	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	-3.20	-0.0009	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	7.00	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	10.10	0.0029	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	6.40	0.0018	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	1.70	0.0005	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	6.90	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-4.80	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.90	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	9.70	0.0028	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	10.50	0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	5.50	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3.90	0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	6.70	0.0019	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	-4.90	-0.0014	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	-7.10	-0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	4.60	0.0013	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	-13.60	-0.0039	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	7.10	0.0020	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.90	-0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	9.00	0.0026	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	-5.20	-0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	6.00	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.20	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	2.90	0.0008	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	3.60	0.0010	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	5.20	0.0015	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-8.30	-0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	-2.00	-0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	6.10	0.0017	$\geq -2.5 \ \& \ \leq 2.5$	Pass
				HV	7.50	0.0021	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-30	NV	10.40	0.0030	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-20	NV	5.70	0.0016	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			-10	NV	8.40	0.0024	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			0	NV	-4.00	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			10	NV	10.90	0.0031	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			20	NV	-3.70	-0.0011	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			30	NV	8.20	0.0023	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			40	NV	2.10	0.0006	$\geq -2.5 \ \& \ \leq 2.5$	Pass
			50	NV	12.40	0.0035	$\geq -2.5 \ \& \ \leq 2.5$	Pass

2.1.8 30k_SISO_90MHz

5G NR n78e SCS=30kHz SISO 90MHz

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	8.30	0.0024	>=-2.5 & <=2.5	Pass
				HV	7.60	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	12.00	0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	9.50	0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	4.40	0.0013	>=-2.5 & <=2.5	Pass
			0	NV	2.80	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	9.50	0.0027	>=-2.5 & <=2.5	Pass
			20	NV	8.40	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	4.80	0.0014	>=-2.5 & <=2.5	Pass
			40	NV	11.30	0.0032	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	7.30	0.0021	>=-2.5 & <=2.5	Pass
				HV	-5.80	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	6.50	0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	7.20	0.0021	>=-2.5 & <=2.5	Pass
			-10	NV	1.30	0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-1.60	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	8.20	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	18.50	0.0053	>=-2.5 & <=2.5	Pass
			40	NV	-4.80	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	16.00	0.0046	>=-2.5 & <=2.5	Pass
				HV	-2.20	-0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	7.30	0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	9.20	0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	8.10	0.0023	>=-2.5 & <=2.5	Pass
			0	NV	8.10	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-7.40	-0.0021	>=-2.5 & <=2.5	Pass
			30	NV	13.60	0.0039	>=-2.5 & <=2.5	Pass
			40	NV	8.40	0.0024	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	5.30	0.0015	>=-2.5 & <=2.5	Pass
				HV	10.90	0.0031	>=-2.5 & <=2.5	Pass
			-30	NV	-4.20	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	7.60	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	4.10	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	4.90	0.0014	>=-2.5 & <=2.5	Pass
			10	NV	11.70	0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-8.10	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	10.90	0.0031	>=-2.5 & <=2.5	Pass
			40	NV	2.10	0.0006	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-10.50	-0.0030	>=-2.5 & <=2.5	Pass
				HV	11.20	0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	11.80	0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	9.40	0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	1.10	0.0003	>=-2.5 & <=2.5	Pass
			0	NV	17.60	0.0050	>=-2.5 & <=2.5	Pass
			10	NV	10.30	0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-7.70	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	5.20	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	8.80	0.0025	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	NV	-3.00	-0.0009	>=-2.5 & <=2.5	Pass
				LV	6.10	0.0017	>=-2.5 & <=2.5	Pass
				HV	7.80	0.0022	>=-2.5 & <=2.5	Pass

			-30	NV	-3.70	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	2.40	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	12.10	0.0035	>=-2.5 & <=2.5	Pass
			0	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	23.90	0.0068	>=-2.5 & <=2.5	Pass
			20	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass
			40	NV	-10.80	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	3.50	0.0010	>=-2.5 & <=2.5	Pass
				HV	6.10	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	9.00	0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	14.10	0.0040	>=-2.5 & <=2.5	Pass
			-10	NV	9.30	0.0027	>=-2.5 & <=2.5	Pass
			0	NV	9.10	0.0026	>=-2.5 & <=2.5	Pass
			10	NV	11.00	0.0031	>=-2.5 & <=2.5	Pass
			20	NV	6.50	0.0019	>=-2.5 & <=2.5	Pass
			30	NV	8.10	0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	2.40	0.0007	>=-2.5 & <=2.5	Pass
				HV	5.50	0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-4.40	-0.0013	>=-2.5 & <=2.5	Pass
			-20	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	2.40	0.0007	>=-2.5 & <=2.5	Pass
			0	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			10	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			20	NV	7.70	0.0022	>=-2.5 & <=2.5	Pass
			30	NV	2.00	0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	3.10	0.0009	>=-2.5 & <=2.5	Pass
				HV	3.10	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	23.70	0.0068	>=-2.5 & <=2.5	Pass
			-20	NV	15.00	0.0043	>=-2.5 & <=2.5	Pass
			-10	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			0	NV	-2.70	-0.0008	>=-2.5 & <=2.5	Pass
			10	NV	3.80	0.0011	>=-2.5 & <=2.5	Pass
			20	NV	7.80	0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-1.80	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-3.20	-0.0009	>=-2.5 & <=2.5	Pass
			50	NV	-2.90	-0.0008	>=-2.5 & <=2.5	Pass

2.1.9 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	6.70	0.0019	>=-2.5 & <=2.5	Pass
				HV	3.50	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	9.10	0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	11.10	0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	8.70	0.0025	>=-2.5 & <=2.5	Pass
			0	NV	13.20	0.0038	>=-2.5 & <=2.5	Pass
			10	NV	5.60	0.0016	>=-2.5 & <=2.5	Pass
			20	NV	8.80	0.0025	>=-2.5 & <=2.5	Pass
			30	NV	8.70	0.0025	>=-2.5 & <=2.5	Pass

			40	NV	9.40	0.0027	>=-2.5 & <=2.5	Pass
			50	NV	1.80	0.0005	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-6.30	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-8.30	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	9.60	0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-2.40	-0.0007	>=-2.5 & <=2.5	Pass
			0	NV	1.40	0.0004	>=-2.5 & <=2.5	Pass
			10	NV	10.50	0.0030	>=-2.5 & <=2.5	Pass
			20	NV	4.40	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-6.90	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	6.00	0.0017	>=-2.5 & <=2.5	Pass
			50	NV	3.00	0.0009	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	2.30
HV	11.70	0.0033					>=-2.5 & <=2.5	Pass
-30	NV	15.30				0.0044	>=-2.5 & <=2.5	Pass
-20	NV	-3.40				-0.0010	>=-2.5 & <=2.5	Pass
-10	NV	8.80				0.0025	>=-2.5 & <=2.5	Pass
0	NV	8.20				0.0023	>=-2.5 & <=2.5	Pass
10	NV	13.90				0.0040	>=-2.5 & <=2.5	Pass
20	NV	2.40				0.0007	>=-2.5 & <=2.5	Pass
30	NV	6.40				0.0018	>=-2.5 & <=2.5	Pass
40	NV	11.40				0.0033	>=-2.5 & <=2.5	Pass
50	NV	8.70				0.0025	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full				20	LV	2.50
			HV	4.10	0.0012		>=-2.5 & <=2.5	Pass
			-30	NV	11.90	0.0034	>=-2.5 & <=2.5	Pass
			-20	NV	-0.90	-0.0003	>=-2.5 & <=2.5	Pass
			-10	NV	12.20	0.0035	>=-2.5 & <=2.5	Pass
			0	NV	8.20	0.0023	>=-2.5 & <=2.5	Pass
			10	NV	5.80	0.0017	>=-2.5 & <=2.5	Pass
			20	NV	-2.40	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	4.40	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	5.90	0.0017	>=-2.5 & <=2.5	Pass
			DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	LV	9.50
HV	11.80	0.0034					>=-2.5 & <=2.5	Pass
-30	NV	4.10				0.0012	>=-2.5 & <=2.5	Pass
-20	NV	7.30				0.0021	>=-2.5 & <=2.5	Pass
-10	NV	-7.90				-0.0023	>=-2.5 & <=2.5	Pass
0	NV	13.60				0.0039	>=-2.5 & <=2.5	Pass
10	NV	5.20				0.0015	>=-2.5 & <=2.5	Pass
20	NV	2.20				0.0006	>=-2.5 & <=2.5	Pass
30	NV	0.50				0.0001	>=-2.5 & <=2.5	Pass
40	NV	5.20				0.0015	>=-2.5 & <=2.5	Pass
50	NV	7.70				0.0022	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full				20	LV	2.60
			HV	-3.40	-0.0010		>=-2.5 & <=2.5	Pass
			-30	NV	1.30	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	10.50	0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	6.30	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	3.80	0.0011	>=-2.5 & <=2.5	Pass
			10	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	2.90	0.0008	>=-2.5 & <=2.5	Pass
			30	NV	12.00	0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-6.20	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	8.10	0.0023	>=-2.5 & <=2.5	Pass
			CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	2.70
HV	-2.60	-0.0007					>=-2.5 & <=2.5	Pass

			-30	NV	18.40	0.0053	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	2.10	0.0006	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	8.60	0.0025	≥ -2.5 & ≤ 2.5	Pass
			0	NV	6.40	0.0018	≥ -2.5 & ≤ 2.5	Pass
			10	NV	5.60	0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.90	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.90	0.0017	≥ -2.5 & ≤ 2.5	Pass
			40	NV	10.00	0.0029	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-9.00	-0.0026	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	5.10	0.0015	≥ -2.5 & ≤ 2.5	Pass
				HV	10.00	0.0029	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-14.20	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	8.70	0.0025	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.60	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			0	NV	13.60	0.0039	≥ -2.5 & ≤ 2.5	Pass
			10	NV	2.30	0.0007	≥ -2.5 & ≤ 2.5	Pass
			20	NV	7.80	0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	6.40	0.0018	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	5.60	0.0016	≥ -2.5 & ≤ 2.5	Pass
				HV	8.60	0.0025	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-4.90	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	11.40	0.0033	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	0.80	0.0002	≥ -2.5 & ≤ 2.5	Pass
			0	NV	5.60	0.0016	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-1.90	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-1.60	-0.0005	≥ -2.5 & ≤ 2.5	Pass
			30	NV	12.40	0.0035	≥ -2.5 & ≤ 2.5	Pass
			40	NV	4.90	0.0014	≥ -2.5 & ≤ 2.5	Pass
			50	NV	7.40	0.0021	≥ -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	18.13	19.73	/	Pass
	3500.01	Outer_Full	18.08	19.62	/	Pass
	3540	Outer_Full	18.12	19.70	/	Pass
DFT-s-OFDM QPSK	3460.02	Outer_Full	18.08	19.75	/	Pass
	3500.01	Outer_Full	18.11	19.66	/	Pass
	3540	Outer_Full	18.09	19.69	/	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer_Full	18.11	19.57	/	Pass
	3500.01	Outer_Full	18.11	19.75	/	Pass
	3540	Outer_Full	18.11	19.71	/	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	18.06	19.71	/	Pass
	3500.01	Outer_Full	18.06	19.63	/	Pass
	3540	Outer_Full	18.09	19.68	/	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer_Full	18.05	19.65	/	Pass
	3500.01	Outer_Full	18.04	19.65	/	Pass
	3540	Outer_Full	18.06	19.70	/	Pass

CP-OFDM QPSK	3460.02	Outer_Full	18.39	20.08	/	Pass
	3500.01	Outer_Full	18.36	20.08	/	Pass
	3540	Outer_Full	18.34	19.97	/	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	18.41	20.01	/	Pass
	3500.01	Outer_Full	18.38	19.97	/	Pass
	3540	Outer_Full	18.39	20.04	/	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	18.42	20.06	/	Pass
	3500.01	Outer_Full	18.41	20.12	/	Pass
	3540	Outer_Full	18.44	20.10	/	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	18.36	19.98	/	Pass
	3500.01	Outer_Full	18.36	20.05	/	Pass
	3540	Outer_Full	18.36	20.19	/	Pass

3.1.2 30k_SISO_30MHz_NTNV

5G NR n78e SCS=30kHz SISO 30MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3465	Outer_Full	27.07	29.09	/	Pass
	3500.01	Outer_Full	27.08	29.17	/	Pass
	3534.99	Outer_Full	27.05	29.17	/	Pass
DFT-s-OFDM QPSK	3465	Outer_Full	27.08	29.23	/	Pass
	3500.01	Outer_Full	27.12	29.41	/	Pass
	3534.99	Outer_Full	27.12	29.42	/	Pass
DFT-s-OFDM 16 QAM	3465	Outer_Full	27.17	29.30	/	Pass
	3500.01	Outer_Full	27.07	29.12	/	Pass
	3534.99	Outer_Full	27.15	29.20	/	Pass
DFT-s-OFDM 64 QAM	3465	Outer_Full	27.11	29.18	/	Pass
	3500.01	Outer_Full	27.12	29.12	/	Pass
	3534.99	Outer_Full	27.16	29.32	/	Pass
DFT-s-OFDM 256 QAM	3465	Outer_Full	27.06	29.27	/	Pass
	3500.01	Outer_Full	27.09	29.23	/	Pass
	3534.99	Outer_Full	27.14	29.34	/	Pass
CP-OFDM QPSK	3465	Outer_Full	28.15	30.15	/	Pass
	3500.01	Outer_Full	28.03	30.18	/	Pass
	3534.99	Outer_Full	28.13	30.11	/	Pass
CP-OFDM 16 QAM	3465	Outer_Full	28.11	30.21	/	Pass
	3500.01	Outer_Full	28.10	30.13	/	Pass
	3534.99	Outer_Full	28.15	30.23	/	Pass
CP-OFDM 64 QAM	3465	Outer_Full	28.09	30.15	/	Pass
	3500.01	Outer_Full	28.12	30.18	/	Pass
	3534.99	Outer_Full	28.06	30.20	/	Pass
CP-OFDM 256 QAM	3465	Outer_Full	28.13	30.18	/	Pass
	3500.01	Outer_Full	28.14	30.18	/	Pass
	3534.99	Outer_Full	28.07	30.16	/	Pass

3.1.3 30k_SISO_40MHz_NTNV

5G NR n78e SCS=30kHz SISO 40MHz NTV						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3470.01	Outer_Full	35.95	38.69	/	Pass
	3500.01	Outer_Full	36.01	38.65	/	Pass
	3529.98	Outer_Full	36.01	38.66	/	Pass
DFT-s-OFDM QPSK	3470.01	Outer_Full	36.11	38.77	/	Pass
	3500.01	Outer_Full	36.15	38.69	/	Pass

DFT-s-OFDM 16 QAM	3529.98	Outer_Full	36.00	38.71	/	Pass
	3470.01	Outer_Full	36.07	38.67	/	Pass
	3500.01	Outer_Full	35.95	38.69	/	Pass
	3529.98	Outer_Full	35.99	38.80	/	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	36.07	38.63	/	Pass
	3500.01	Outer_Full	36.00	38.62	/	Pass
	3529.98	Outer_Full	36.04	38.68	/	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	36.01	38.76	/	Pass
	3500.01	Outer_Full	36.08	38.74	/	Pass
	3529.98	Outer_Full	36.02	38.75	/	Pass
CP-OFDM QPSK	3470.01	Outer_Full	38.11	40.83	/	Pass
	3500.01	Outer_Full	38.12	40.79	/	Pass
	3529.98	Outer_Full	38.11	40.79	/	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	38.13	40.86	/	Pass
	3500.01	Outer_Full	38.02	40.79	/	Pass
	3529.98	Outer_Full	38.10	40.78	/	Pass
CP-OFDM 64 QAM	3470.01	Outer_Full	38.07	40.77	/	Pass
	3500.01	Outer_Full	38.19	40.91	/	Pass
	3529.98	Outer_Full	38.13	40.91	/	Pass
CP-OFDM 256 QAM	3470.01	Outer_Full	38.09	40.80	/	Pass
	3500.01	Outer_Full	38.06	41.01	/	Pass
	3529.98	Outer_Full	38.16	41.09	/	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	46.23	49.29	/	Pass
	3500.01	Outer_Full	46.23	49.40	/	Pass
	3525	Outer_Full	46.20	49.32	/	Pass
DFT-s-OFDM QPSK	3475.02	Outer_Full	46.18	49.41	/	Pass
	3500.01	Outer_Full	46.05	49.33	/	Pass
	3525	Outer_Full	46.10	49.35	/	Pass
DFT-s-OFDM 16 QAM	3475.02	Outer_Full	46.27	49.38	/	Pass
	3500.01	Outer_Full	46.26	49.43	/	Pass
	3525	Outer_Full	46.22	49.41	/	Pass
DFT-s-OFDM 64 QAM	3475.02	Outer_Full	46.03	49.38	/	Pass
	3500.01	Outer_Full	46.04	49.40	/	Pass
	3525	Outer_Full	46.04	49.39	/	Pass
DFT-s-OFDM 256 QAM	3475.02	Outer_Full	46.12	49.32	/	Pass
	3500.01	Outer_Full	46.06	49.32	/	Pass
	3525	Outer_Full	46.16	49.36	/	Pass
CP-OFDM QPSK	3475.02	Outer_Full	47.85	51.14	/	Pass
	3500.01	Outer_Full	47.81	51.07	/	Pass
	3525	Outer_Full	47.84	51.12	/	Pass
CP-OFDM 16 QAM	3475.02	Outer_Full	47.90	51.09	/	Pass
	3500.01	Outer_Full	47.86	51.18	/	Pass
	3525	Outer_Full	47.87	51.05	/	Pass
CP-OFDM 64 QAM	3475.02	Outer_Full	47.84	51.23	/	Pass
	3500.01	Outer_Full	47.91	51.18	/	Pass
	3525	Outer_Full	47.84	51.15	/	Pass
CP-OFDM 256 QAM	3475.02	Outer_Full	47.82	51.23	/	Pass
	3500.01	Outer_Full	47.87	51.20	/	Pass
	3525	Outer_Full	47.78	51.29	/	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	58.36	62.15	/	Pass
	3500.01	Outer_Full	58.25	62.27	/	Pass
	3519.99	Outer_Full	58.28	62.26	/	Pass
DFT-s-OFDM QPSK	3480	Outer_Full	58.30	62.42	/	Pass
	3500.01	Outer_Full	58.25	62.39	/	Pass
	3519.99	Outer_Full	58.38	62.40	/	Pass
DFT-s-OFDM 16 QAM	3480	Outer_Full	58.31	62.27	/	Pass
	3500.01	Outer_Full	58.36	62.35	/	Pass
	3519.99	Outer_Full	58.35	62.36	/	Pass
DFT-s-OFDM 64 QAM	3480	Outer_Full	58.29	62.34	/	Pass
	3500.01	Outer_Full	58.33	62.31	/	Pass
	3519.99	Outer_Full	58.22	62.40	/	Pass
DFT-s-OFDM 256 QAM	3480	Outer_Full	58.18	62.17	/	Pass
	3500.01	Outer_Full	58.15	62.18	/	Pass
	3519.99	Outer_Full	58.27	62.30	/	Pass
CP-OFDM QPSK	3480	Outer_Full	58.10	62.33	/	Pass
	3500.01	Outer_Full	58.14	62.17	/	Pass
	3519.99	Outer_Full	58.20	62.28	/	Pass
CP-OFDM 16 QAM	3480	Outer_Full	58.29	62.21	/	Pass
	3500.01	Outer_Full	58.32	62.33	/	Pass
	3519.99	Outer_Full	58.29	62.48	/	Pass
CP-OFDM 64 QAM	3480	Outer_Full	58.30	62.16	/	Pass
	3500.01	Outer_Full	58.29	62.31	/	Pass
	3519.99	Outer_Full	58.35	62.33	/	Pass
CP-OFDM 256 QAM	3480	Outer_Full	58.05	62.23	/	Pass
	3500.01	Outer_Full	58.07	62.26	/	Pass
	3519.99	Outer_Full	58.18	62.30	/	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	64.81	69.49	/	Pass
	3500.01	Outer_Full	64.89	69.41	/	Pass
	3514.98	Outer_Full	64.85	69.44	/	Pass
DFT-s-OFDM QPSK	3485.01	Outer_Full	65.02	69.48	/	Pass
	3500.01	Outer_Full	64.93	69.68	/	Pass
	3514.98	Outer_Full	64.85	69.44	/	Pass
DFT-s-OFDM 16 QAM	3485.01	Outer_Full	65.14	69.79	/	Pass
	3500.01	Outer_Full	65.08	69.73	/	Pass
	3514.98	Outer_Full	64.82	69.01	/	Pass
DFT-s-OFDM 64 QAM	3485.01	Outer_Full	65.01	69.57	/	Pass
	3500.01	Outer_Full	65.05	69.62	/	Pass
	3514.98	Outer_Full	65.09	69.42	/	Pass
DFT-s-OFDM 256 QAM	3485.01	Outer_Full	64.82	69.59	/	Pass
	3500.01	Outer_Full	64.83	69.52	/	Pass
	3514.98	Outer_Full	65.02	69.39	/	Pass
CP-OFDM QPSK	3485.01	Outer_Full	68.15	72.99	/	Pass
	3500.01	Outer_Full	68.06	72.83	/	Pass
	3514.98	Outer_Full	68.05	72.71	/	Pass
CP-OFDM 16 QAM	3485.01	Outer_Full	68.10	73.06	/	Pass

CP-OFDM 64 QAM	3500.01	Outer_Full	68.11	73.26	/	Pass
	3514.98	Outer_Full	68.00	72.53	/	Pass
	3485.01	Outer_Full	68.20	72.69	/	Pass
	3500.01	Outer_Full	68.36	72.96	/	Pass
	3514.98	Outer_Full	68.16	72.64	/	Pass
CP-OFDM 256 QAM	3485.01	Outer_Full	67.92	72.82	/	Pass
	3500.01	Outer_Full	67.97	72.82	/	Pass
	3514.98	Outer_Full	68.03	72.90	/	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	77.66	82.95	/	Pass
	3500.01	Outer_Full	77.71	82.72	/	Pass
	3510	Outer_Full	77.65	82.78	/	Pass
DFT-s-OFDM QPSK	3490.02	Outer_Full	77.94	82.96	/	Pass
	3500.01	Outer_Full	77.64	82.61	/	Pass
	3510	Outer_Full	77.58	82.58	/	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer_Full	78.24	83.15	/	Pass
	3500.01	Outer_Full	77.51	83.01	/	Pass
	3510	Outer_Full	77.75	82.88	/	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer_Full	77.73	82.99	/	Pass
	3500.01	Outer_Full	77.86	82.70	/	Pass
	3510	Outer_Full	77.85	82.65	/	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer_Full	77.76	83.04	/	Pass
	3500.01	Outer_Full	77.94	82.86	/	Pass
	3510	Outer_Full	77.61	82.72	/	Pass
CP-OFDM QPSK	3490.02	Outer_Full	78.00	83.36	/	Pass
	3500.01	Outer_Full	78.21	83.09	/	Pass
	3510	Outer_Full	77.99	83.08	/	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	78.07	83.53	/	Pass
	3500.01	Outer_Full	77.84	83.08	/	Pass
	3510	Outer_Full	77.92	83.13	/	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	78.02	83.54	/	Pass
	3500.01	Outer_Full	77.95	83.14	/	Pass
	3510	Outer_Full	78.21	83.17	/	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	77.84	83.25	/	Pass
	3500.01	Outer_Full	78.20	83.12	/	Pass
	3510	Outer_Full	78.07	83.31	/	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	87.07	92.10	/	Pass
	3500.01	Outer_Full	88.03	92.09	/	Pass
	3504.99	Outer_Full	87.23	92.33	/	Pass
DFT-s-OFDM QPSK	3495	Outer_Full	87.02	92.04	/	Pass
	3500.01	Outer_Full	87.04	92.21	/	Pass
	3504.99	Outer_Full	87.11	92.22	/	Pass
DFT-s-OFDM 16 QAM	3495	Outer_Full	87.31	92.11	/	Pass
	3500.01	Outer_Full	87.14	92.19	/	Pass
	3504.99	Outer_Full	87.22	92.14	/	Pass

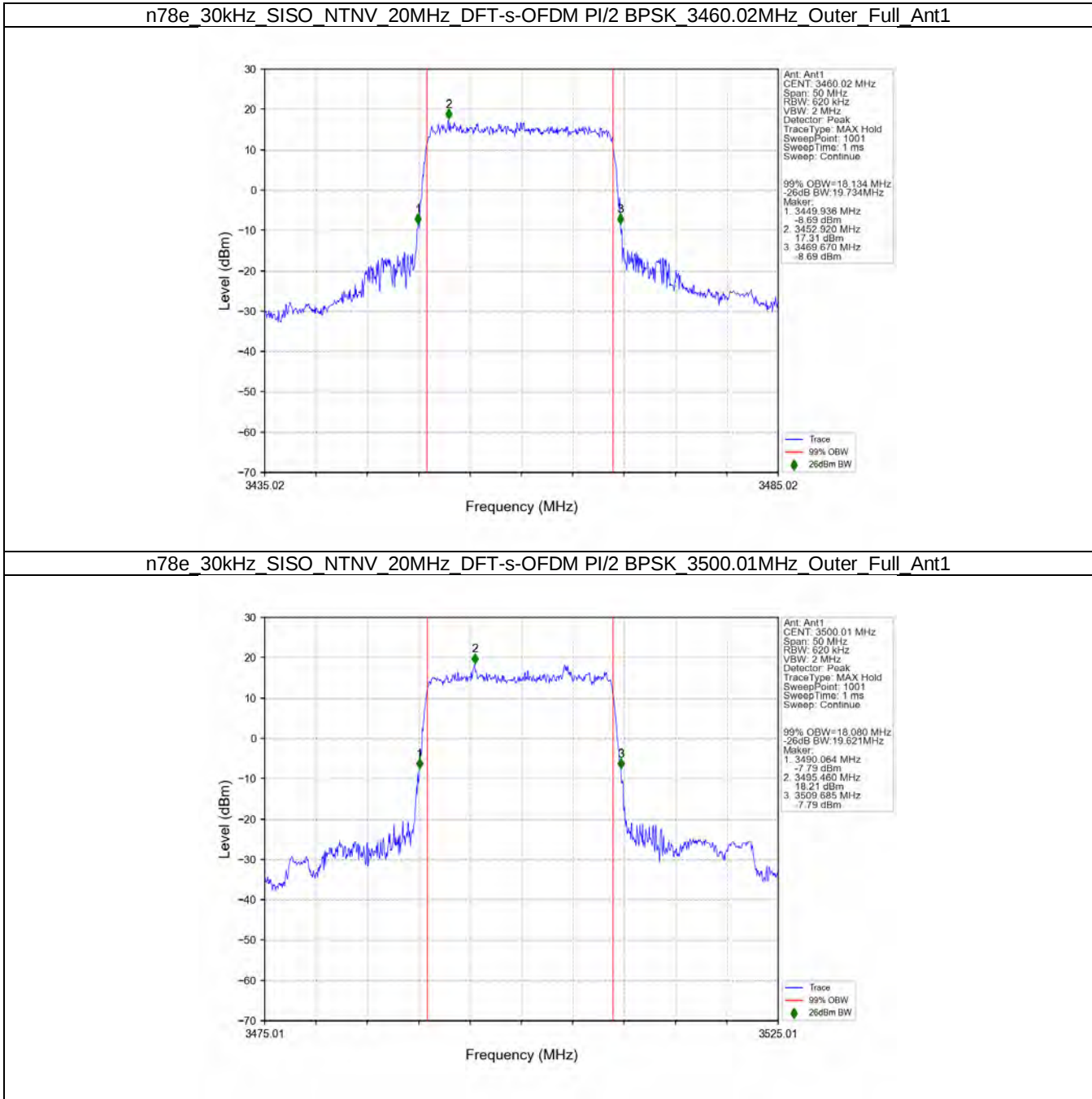
DFT-s-OFDM 64 QAM	3495	Outer_Full	87.09	91.98	/	Pass
	3500.01	Outer_Full	87.24	91.85	/	Pass
	3504.99	Outer_Full	87.24	92.01	/	Pass
DFT-s-OFDM 256 QAM	3495	Outer_Full	87.29	92.04	/	Pass
	3500.01	Outer_Full	86.85	92.02	/	Pass
	3504.99	Outer_Full	86.89	91.93	/	Pass
CP-OFDM QPSK	3495	Outer_Full	87.79	92.85	/	Pass
	3500.01	Outer_Full	87.87	92.91	/	Pass
	3504.99	Outer_Full	87.82	92.81	/	Pass
CP-OFDM 16 QAM	3495	Outer_Full	87.85	92.72	/	Pass
	3500.01	Outer_Full	87.80	92.78	/	Pass
	3504.99	Outer_Full	88.70	92.17	/	Pass
CP-OFDM 64 QAM	3495	Outer_Full	87.80	92.91	/	Pass
	3500.01	Outer_Full	87.96	92.86	/	Pass
	3504.99	Outer_Full	88.30	92.12	/	Pass
CP-OFDM 256 QAM	3495	Outer_Full	88.48	91.81	/	Pass
	3500.01	Outer_Full	88.04	92.92	/	Pass
	3504.99	Outer_Full	88.55	91.79	/	Pass

3.1.9 30k_SISO_100MHz_NTNV

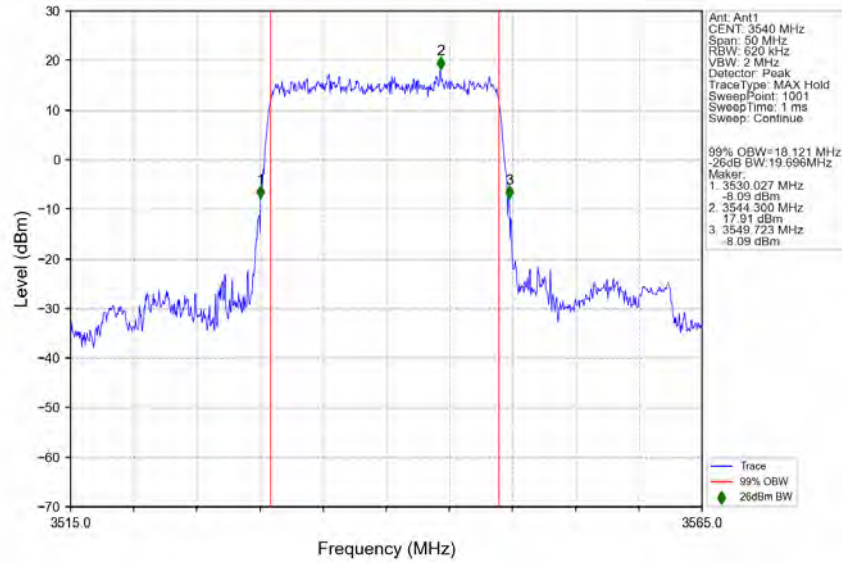
5G NR n78e SCS=30kHz SISO 100MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	96.85	101.87	/	Pass
	3500.01	Outer_Full	96.86	101.74	/	Pass
	3499.98	Outer_Full	96.77	101.88	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	96.86	101.90	/	Pass
	3500.01	Outer_Full	96.77	101.89	/	Pass
	3499.98	Outer_Full	96.75	102.07	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	96.85	101.94	/	Pass
	3500.01	Outer_Full	96.98	101.93	/	Pass
	3499.98	Outer_Full	96.47	101.84	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	96.86	101.83	/	Pass
	3500.01	Outer_Full	96.81	101.95	/	Pass
	3499.98	Outer_Full	97.34	101.55	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	96.61	101.93	/	Pass
	3500.01	Outer_Full	96.66	101.97	/	Pass
	3499.98	Outer_Full	96.82	102.03	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	97.88	102.98	/	Pass
	3500.01	Outer_Full	97.97	102.94	/	Pass
	3499.98	Outer_Full	97.67	102.94	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	97.64	102.97	/	Pass
	3500.01	Outer_Full	97.71	103.05	/	Pass
	3499.98	Outer_Full	97.83	103.03	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	97.71	102.95	/	Pass
	3500.01	Outer_Full	97.76	102.98	/	Pass
	3499.98	Outer_Full	97.78	103.00	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	97.84	102.88	/	Pass
	3500.01	Outer_Full	97.91	102.93	/	Pass
	3499.98	Outer_Full	97.60	102.90	/	Pass

3.2 Test Graph

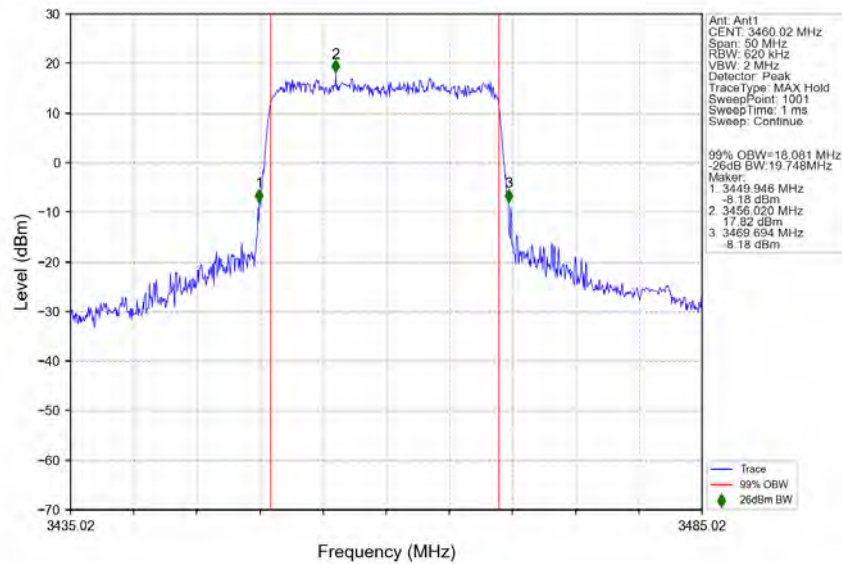
3.2.1 30k_SISO_20MHz_NTNV



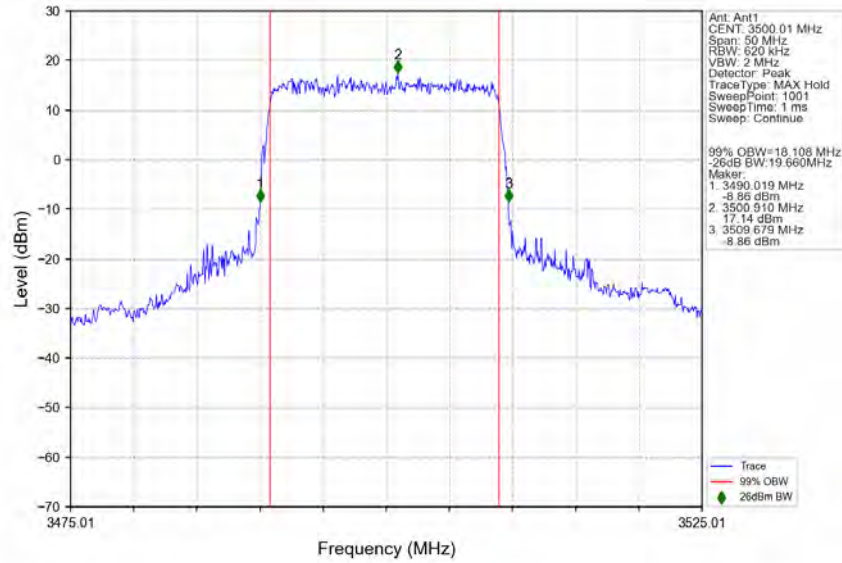
n78e 30kHz SISO NTNv 20MHz DFT-s-OFDM PI/2 BPSK 3540MHz Outer Full Ant1



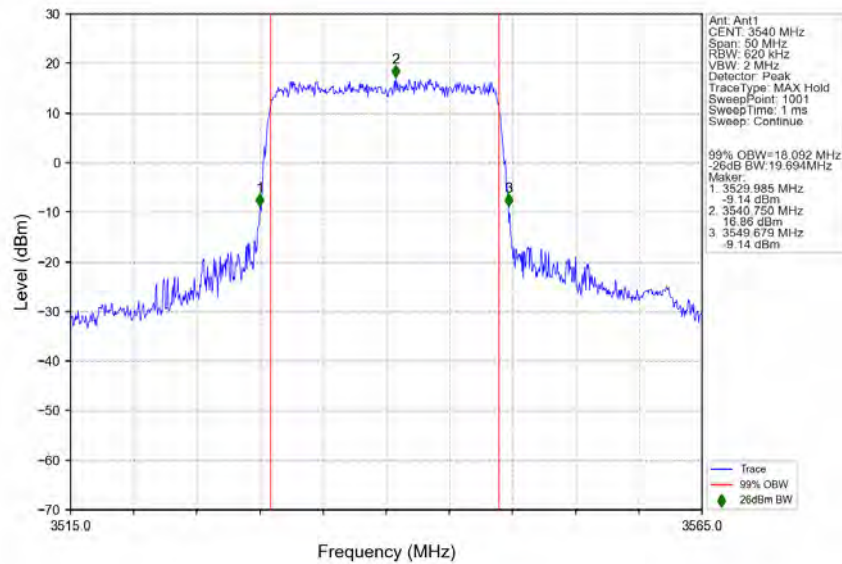
n78e 30kHz SISO NTNv 20MHz DFT-s-OFDM QPSK 3460.02MHz Outer Full Ant1



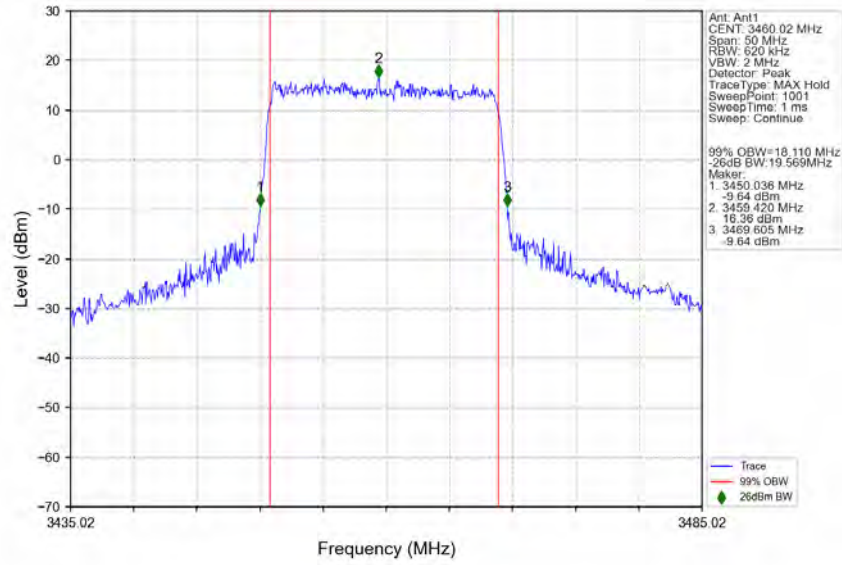
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3500.01MHz Outer Full Ant1



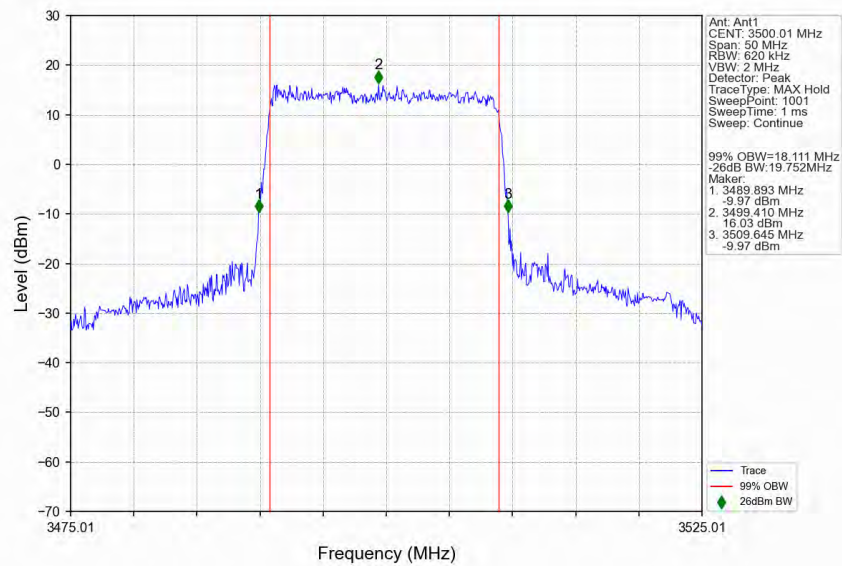
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM QPSK 3540MHz Outer Full Ant1



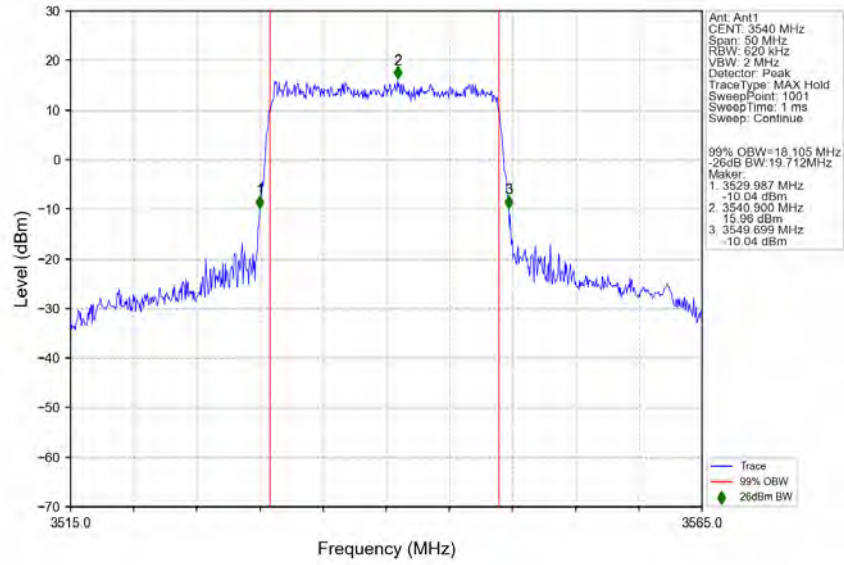
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3460.02MHz Outer Full Ant1



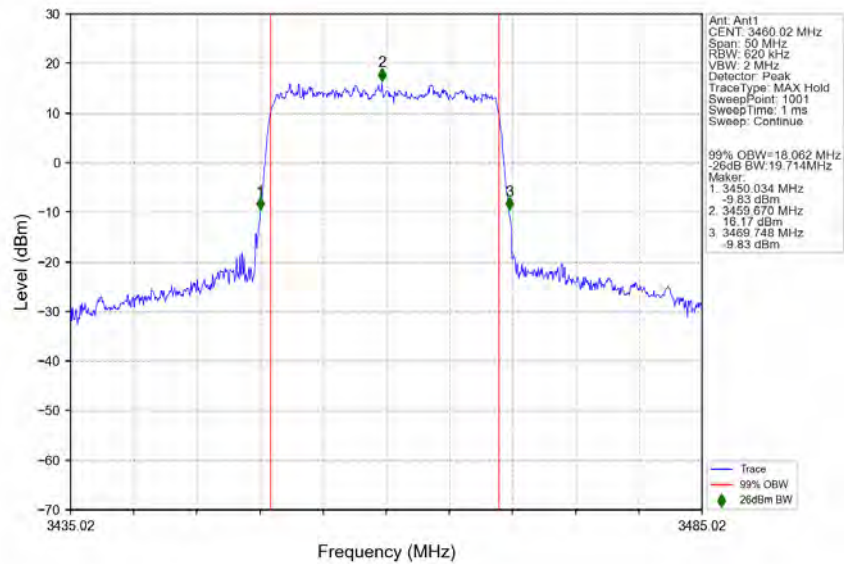
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3500.01MHz Outer Full Ant1



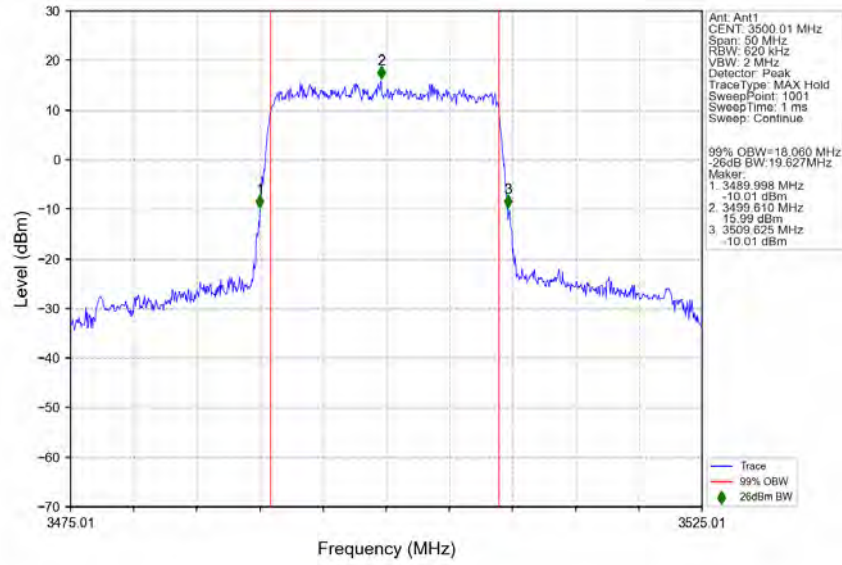
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM 16 QAM 3540MHz Outer Full Ant1



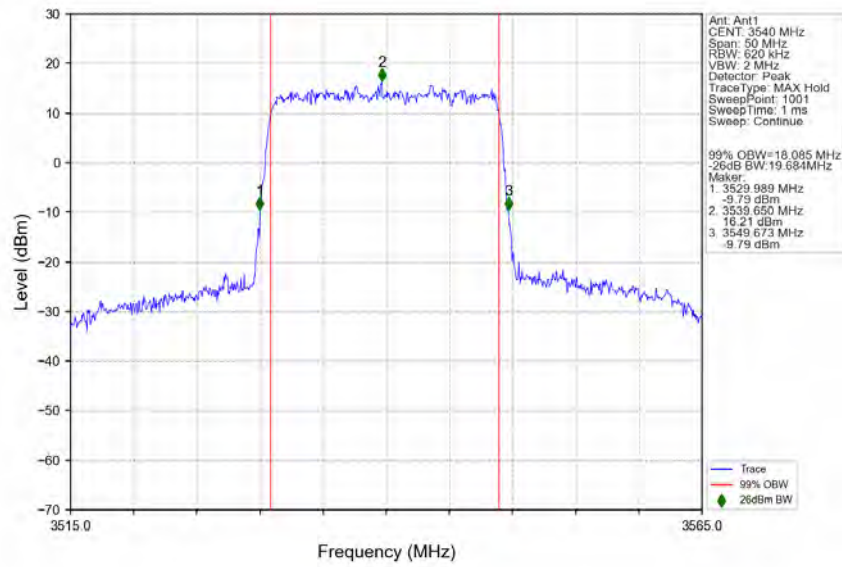
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3460.02MHz Outer Full Ant1



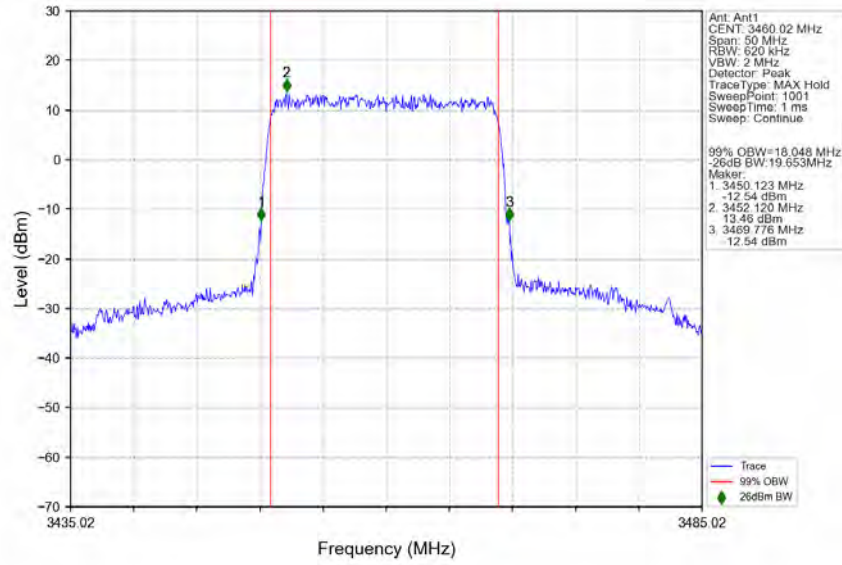
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3500.01MHz Outer Full Ant1



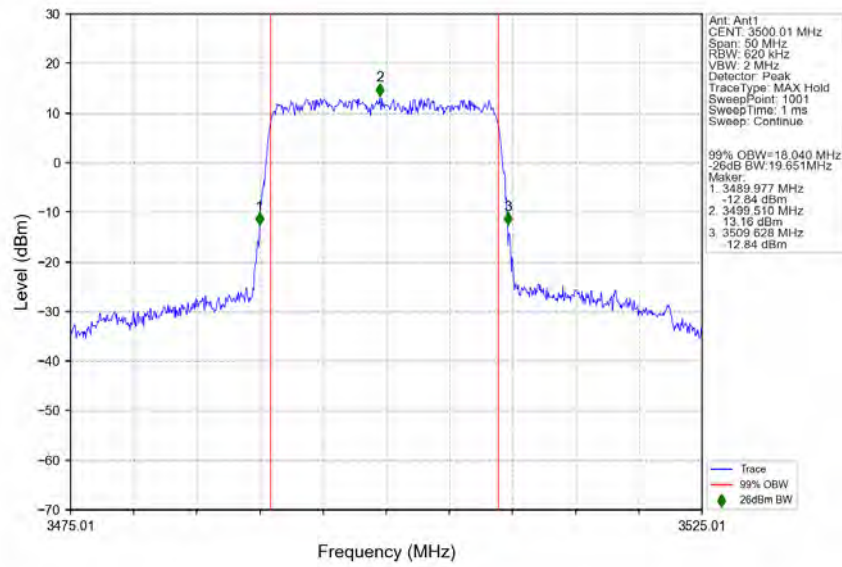
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM 64 QAM 3540MHz Outer Full Ant1



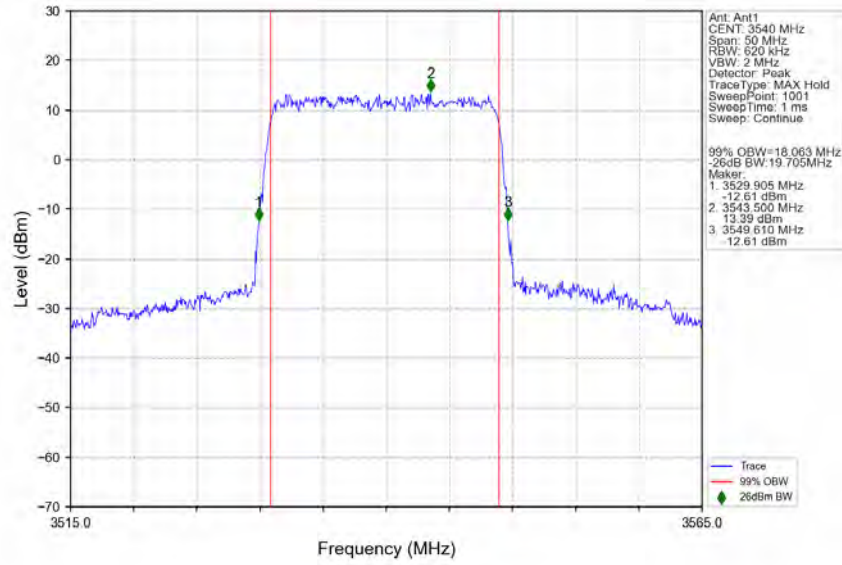
n78e_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3460.02MHz_Outer_Full_Ant1



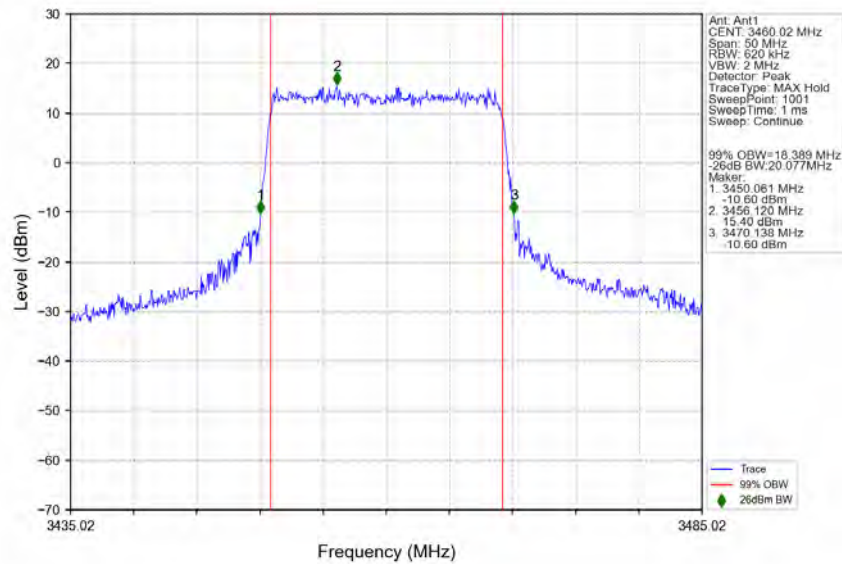
n78e_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1



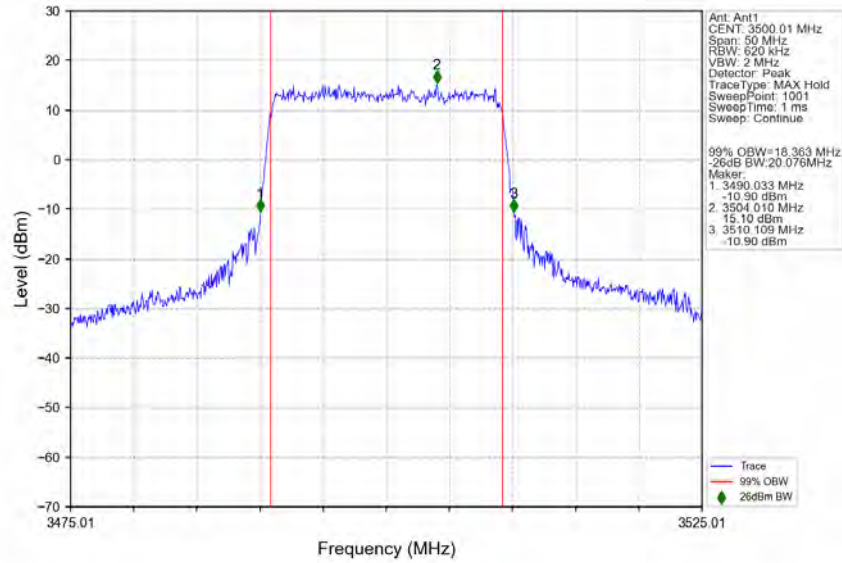
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3540MHz Outer Full Ant1



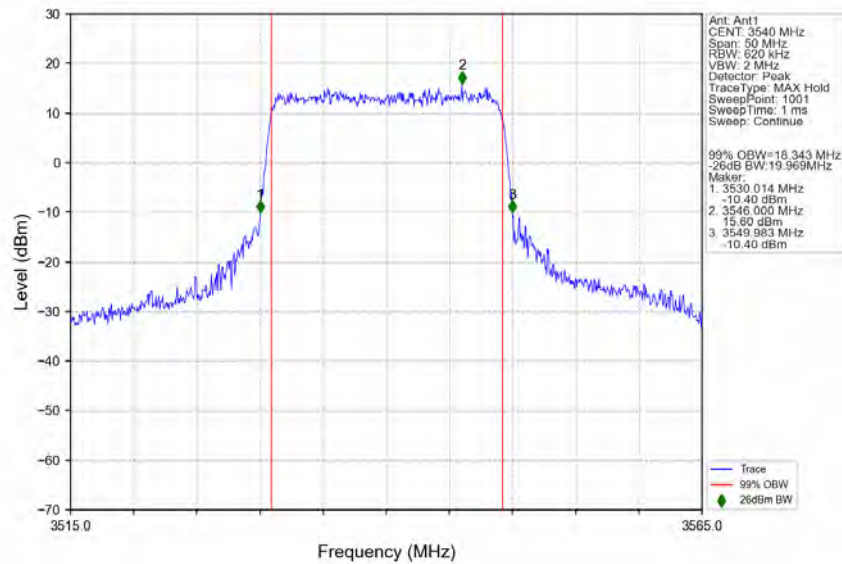
n78e 30kHz SISO NTN 20MHz CP-OFDM QPSK 3460.02MHz Outer Full Ant1



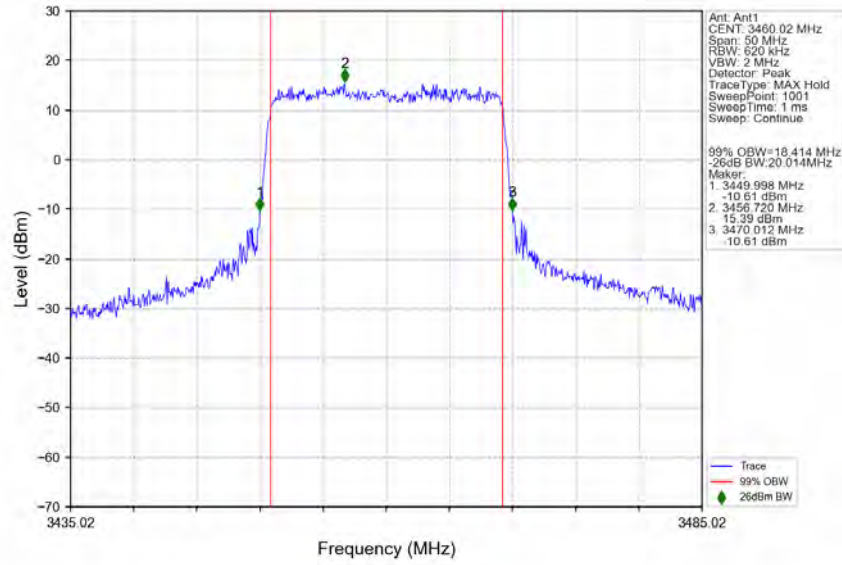
n78e 30kHz SISO NTN 20MHz CP-OFDM QPSK 3500.01MHz Outer Full Ant1



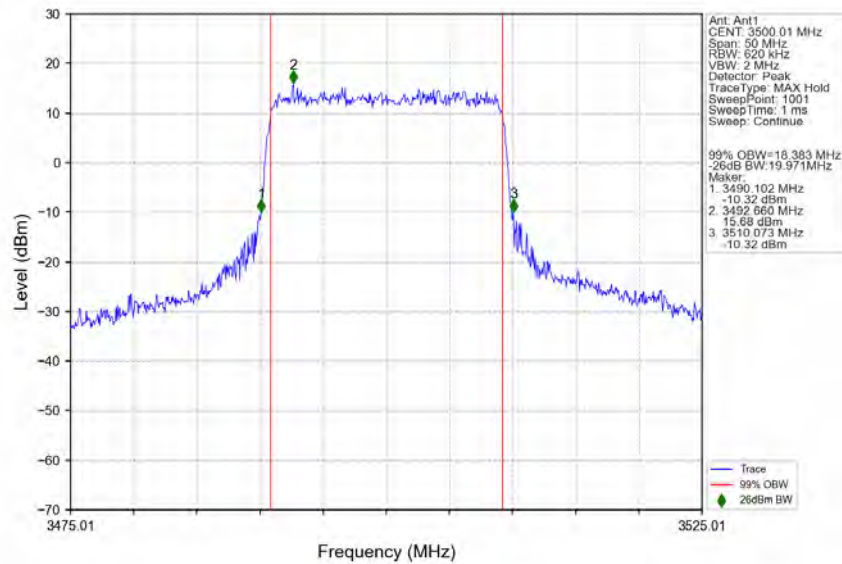
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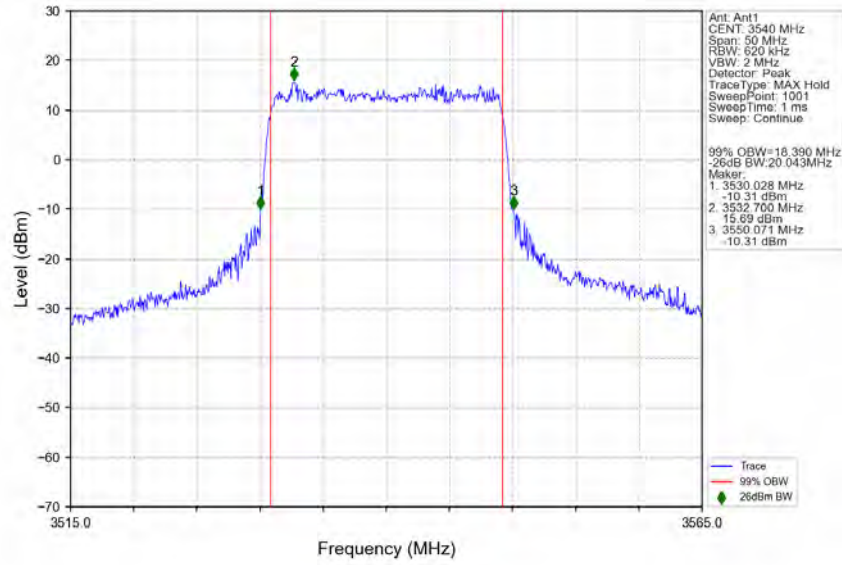
n78e 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3460.02MHz Outer Full Ant1



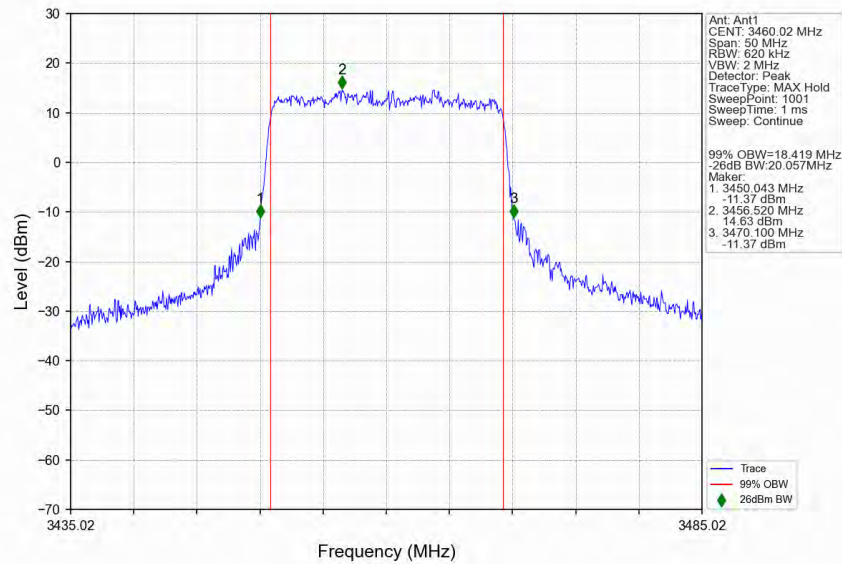
n78e 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3500.01MHz Outer Full Ant1



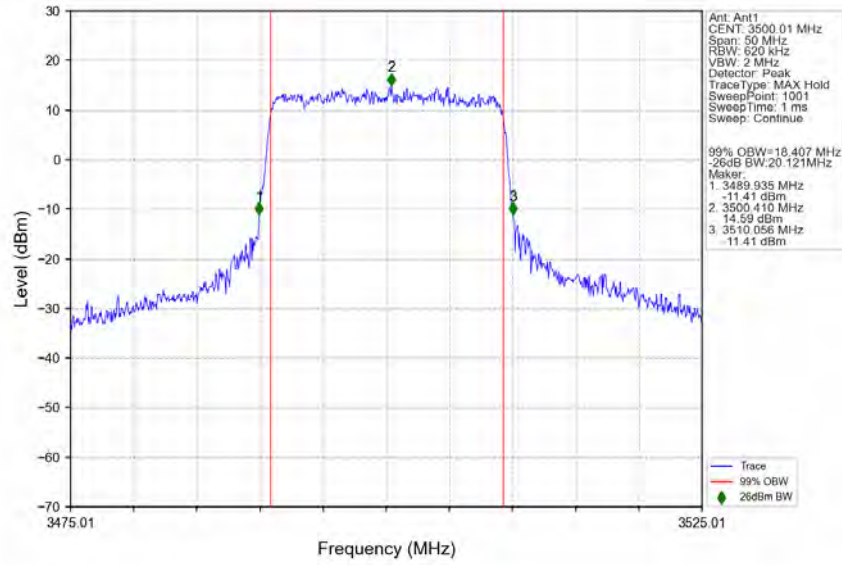
n78e 30kHz SISO NTN 20MHz CP-OFDM 16 QAM 3540MHz Outer Full Ant1



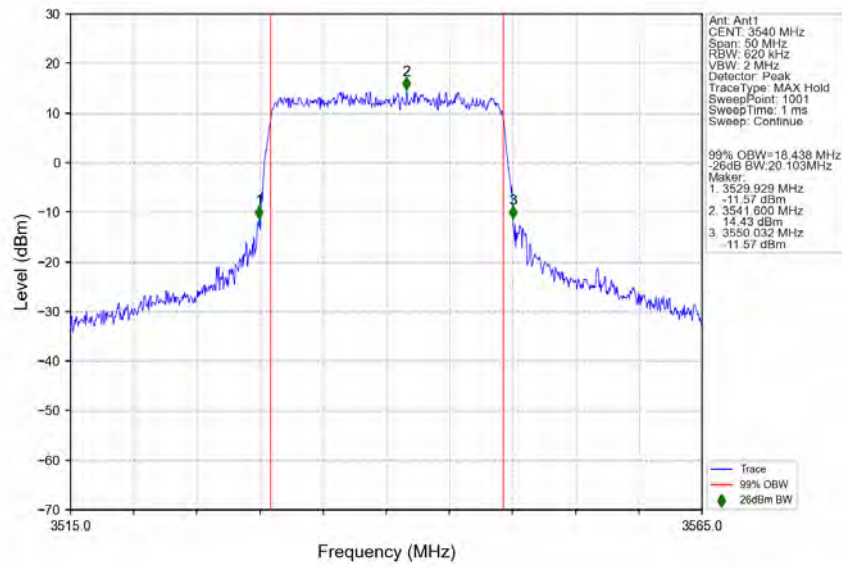
n78e 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3460.02MHz Outer Full Ant1



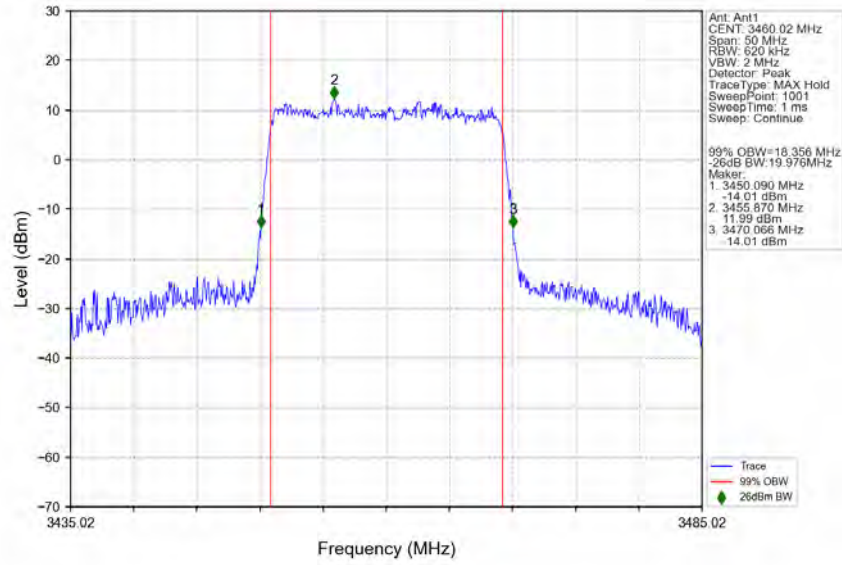
n78e 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3500.01MHz Outer Full Ant1



n78e 30kHz SISO NTN 20MHz CP-OFDM 64 QAM 3540MHz Outer Full Ant1



n78e_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3460.02MHz_Outer_Full_Ant1



n78e_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3500.01MHz_Outer_Full_Ant1

