

1. Effective (Isotropic) Radiated Power Output Data

1.1 30k_20MHz_NTNV_EIRP

1.1.1 Test Result

5G NR n78e SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3460.02	Edge_1RB_Left	21.36	22.53	/	21.76	23.03	/	<=30	Pass
		Edge_1RB_Right	21.57	22.22	/	21.97	22.72	/	<=30	Pass
		Outer_Full	24.58	25.47	/	24.98	25.97	/	<=30	Pass
		Inner_Full	25.10	25.98	/	25.50	26.48	/	<=30	Pass
		Inner_1RB_Left	24.88	26.15	/	25.28	26.65	/	<=30	Pass
		Inner_1RB_Right	25.07	25.65	/	25.47	26.15	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.73	21.92	/	21.13	22.42	/	<=30	Pass
		Edge_1RB_Right	21.19	21.99	/	21.59	22.49	/	<=30	Pass
		Outer_Full	24.01	24.96	/	24.41	25.46	/	<=30	Pass
		Inner_Full	24.54	25.45	/	24.94	25.95	/	<=30	Pass
		Inner_1RB_Left	24.25	25.49	/	24.65	25.99	/	<=30	Pass
		Inner_1RB_Right	24.77	25.40	/	25.17	25.9	/	<=30	Pass
	3540	Edge_1RB_Left	21.91	22.01	/	22.31	22.51	/	<=30	Pass
		Edge_1RB_Right	20.88	22.07	/	21.28	22.57	/	<=30	Pass
		Outer_Full	24.49	25.03	/	24.89	25.53	/	<=30	Pass
		Inner_Full	25.15	25.57	/	25.55	26.07	/	<=30	Pass
		Inner_1RB_Left	25.33	25.69	/	25.73	26.19	/	<=30	Pass
		Inner_1RB_Right	24.43	25.65	/	24.83	26.15	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	21.33	22.65	/	21.73	23.15	/	<=30	Pass
		Edge_1RB_Right	21.46	22.22	/	21.86	22.72	/	<=30	Pass
		Outer_Full	24.03	25.00	/	24.43	25.5	/	<=30	Pass
		Inner_Full	25.13	25.91	/	25.53	26.41	/	<=30	Pass
		Inner_1RB_Left	24.92	26.14	/	25.32	26.64	/	<=30	Pass
		Inner_1RB_Right	25.13	25.77	/	25.53	26.27	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.69	21.86	/	21.09	22.36	/	<=30	Pass
		Edge_1RB_Right	21.24	21.91	/	21.64	22.41	/	<=30	Pass
		Outer_Full	23.54	24.40	/	23.94	24.9	/	<=30	Pass
		Inner_Full	24.55	25.43	/	24.95	25.93	/	<=30	Pass
		Inner_1RB_Left	24.18	25.39	/	24.58	25.89	/	<=30	Pass
		Inner_1RB_Right	24.78	25.46	/	25.18	25.96	/	<=30	Pass
	3540	Edge_1RB_Left	21.80	22.05	/	22.20	22.55	/	<=30	Pass
		Edge_1RB_Right	20.88	22.15	/	21.28	22.65	/	<=30	Pass
		Outer_Full	24.01	24.49	/	24.41	24.99	/	<=30	Pass
		Inner_Full	25.06	25.53	/	25.46	26.03	/	<=30	Pass
		Inner_1RB_Left	25.32	25.48	/	25.72	25.98	/	<=30	Pass
		Inner_1RB_Right	24.30	25.53	/	24.70	26.03	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge_1RB_Left	21.21	22.50	/	21.61	23	/	<=30	Pass
		Edge_1RB_Right	21.37	22.07	/	21.77	22.57	/	<=30	Pass
		Outer_Full	23.11	23.94	/	23.51	24.44	/	<=30	Pass
		Inner_Full	24.21	24.96	/	24.61	25.46	/	<=30	Pass
		Inner_1RB_Left	23.68	25.01	/	24.08	25.51	/	<=30	Pass
		Inner_1RB_Right	23.85	24.62	/	24.25	25.12	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.62	21.76	/	21.02	22.26	/	<=30	Pass
		Edge_1RB_Right	21.20	21.78	/	21.60	22.28	/	<=30	Pass
		Outer_Full	22.57	23.56	/	22.97	24.06	/	<=30	Pass
		Inner_Full	23.54	24.34	/	23.94	24.84	/	<=30	Pass
		Inner_1RB_Left	23.11	24.25	/	23.51	24.75	/	<=30	Pass
		Inner_1RB_Right	23.69	24.14	/	24.09	24.64	/	<=30	Pass
	3540	Edge_1RB_Left	21.64	21.92	/	22.04	22.42	/	<=30	Pass

		Edge 1RB Right	20.86	21.94	/	21.26	22.44	/	<=30	Pass
		Outer Full	23.02	23.54	/	23.42	24.04	/	<=30	Pass
		Inner Full	24.15	24.48	/	24.55	24.98	/	<=30	Pass
		Inner 1RB Left	24.08	24.37	/	24.48	24.87	/	<=30	Pass
		Inner 1RB Right	23.14	24.39	/	23.54	24.89	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge 1RB Left	21.36	22.74	/	21.76	23.24	/	<=30	Pass
		Edge 1RB Right	21.47	22.18	/	21.87	22.68	/	<=30	Pass
		Outer Full	22.50	23.46	/	22.90	23.96	/	<=30	Pass
		Inner Full	22.65	23.52	/	23.05	24.02	/	<=30	Pass
		Inner 1RB Left	22.34	23.64	/	22.74	24.14	/	<=30	Pass
		Inner 1RB Right	22.49	23.25	/	22.89	23.75	/	<=30	Pass
	3500.01	Edge 1RB Left	20.75	21.94	/	21.15	22.44	/	<=30	Pass
		Edge 1RB Right	21.24	21.89	/	21.64	22.39	/	<=30	Pass
		Outer Full	21.97	22.87	/	22.37	23.37	/	<=30	Pass
		Inner Full	22.05	22.86	/	22.45	23.36	/	<=30	Pass
		Inner 1RB Left	21.76	22.99	/	22.16	23.49	/	<=30	Pass
		Inner 1RB Right	22.24	22.95	/	22.64	23.45	/	<=30	Pass
	3540	Edge 1RB Left	21.96	22.10	/	22.36	22.6	/	<=30	Pass
		Edge 1RB Right	20.96	22.20	/	21.36	22.7	/	<=30	Pass
		Outer Full	22.59	22.99	/	22.99	23.49	/	<=30	Pass
		Inner Full	22.52	23.07	/	22.92	23.57	/	<=30	Pass
		Inner 1RB Left	22.80	23.00	/	23.20	23.5	/	<=30	Pass
		Inner 1RB Right	21.83	23.16	/	22.23	23.66	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge 1RB Left	20.37	21.70	/	20.77	22.2	/	<=30	Pass
		Edge 1RB Right	20.45	21.17	/	20.85	21.67	/	<=30	Pass
		Outer Full	20.54	21.38	/	20.94	21.88	/	<=30	Pass
		Inner Full	20.65	21.52	/	21.05	22.02	/	<=30	Pass
		Inner 1RB Left	20.41	21.54	/	20.81	22.04	/	<=30	Pass
		Inner 1RB Right	20.50	21.18	/	20.90	21.68	/	<=30	Pass
	3500.01	Edge 1RB Left	19.65	20.86	/	20.05	21.36	/	<=30	Pass
		Edge 1RB Right	20.30	20.88	/	20.70	21.38	/	<=30	Pass
		Outer Full	19.96	21.01	/	20.36	21.51	/	<=30	Pass
		Inner Full	20.14	21.05	/	20.54	21.55	/	<=30	Pass
		Inner 1RB Left	19.80	20.90	/	20.20	21.4	/	<=30	Pass
		Inner 1RB Right	20.32	21.00	/	20.72	21.5	/	<=30	Pass
	3540	Edge 1RB Left	20.88	21.07	/	21.28	21.57	/	<=30	Pass
		Edge 1RB Right	19.90	20.96	/	20.30	21.46	/	<=30	Pass
		Outer Full	20.52	21.15	/	20.92	21.65	/	<=30	Pass
		Inner Full	20.66	21.08	/	21.06	21.58	/	<=30	Pass
		Inner 1RB Left	20.81	21.05	/	21.21	21.55	/	<=30	Pass
		Inner 1RB Right	19.85	21.07	/	20.25	21.57	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge 1RB Left	21.44	22.83	/	21.84	23.33	/	<=30	Pass
		Edge 1RB Right	21.60	22.21	/	22.00	22.71	/	<=30	Pass
		Outer Full	22.05	23.01	/	22.45	23.51	/	<=30	Pass
		Inner Full	23.64	24.43	/	24.04	24.93	/	<=30	Pass
		Inner 1RB Left	23.68	24.80	/	24.08	25.3	/	<=30	Pass
		Inner 1RB Right	23.67	24.50	/	24.07	25	/	<=30	Pass
	3500.01	Edge 1RB Left	20.77	21.81	/	21.17	22.31	/	<=30	Pass
		Edge 1RB Right	21.39	22.01	/	21.79	22.51	/	<=30	Pass
		Outer Full	21.50	22.43	/	21.90	22.93	/	<=30	Pass
		Inner Full	23.17	23.92	/	23.57	24.42	/	<=30	Pass
		Inner 1RB Left	22.68	24.04	/	23.08	24.54	/	<=30	Pass
		Inner 1RB Right	23.39	24.12	/	23.79	24.62	/	<=30	Pass
	3540	Edge 1RB Left	21.87	22.23	/	22.27	22.73	/	<=30	Pass
		Edge 1RB Right	20.94	22.23	/	21.34	22.73	/	<=30	Pass
		Outer Full	22.04	22.47	/	22.44	22.97	/	<=30	Pass
		Inner Full	23.65	24.05	/	24.05	24.55	/	<=30	Pass
		Inner 1RB Left	24.08	23.98	/	24.48	24.48	/	<=30	Pass
		Inner 1RB Right	23.03	24.08	/	23.43	24.58	/	<=30	Pass

CP-OFDM 16 QAM	3460.02	Edge_1RB_Left	21.29	22.51	/	21.69	23.01	/	<=30	Pass
		Edge_1RB_Right	21.34	21.97	/	21.74	22.47	/	<=30	Pass
		Outer_Full	22.10	22.97	/	22.50	23.47	/	<=30	Pass
		Inner_Full	23.14	24.01	/	23.54	24.51	/	<=30	Pass
		Inner_1RB_Left	22.68	23.90	/	23.08	24.4	/	<=30	Pass
		Inner_1RB_Right	22.79	23.67	/	23.19	24.17	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.55	21.53	/	20.95	22.03	/	<=30	Pass
		Edge_1RB_Right	21.20	21.83	/	21.60	22.33	/	<=30	Pass
		Outer_Full	21.49	22.49	/	21.89	22.99	/	<=30	Pass
		Inner_Full	22.54	23.42	/	22.94	23.92	/	<=30	Pass
		Inner_1RB_Left	21.97	23.20	/	22.37	23.7	/	<=30	Pass
		Inner_1RB_Right	22.52	23.32	/	22.92	23.82	/	<=30	Pass
	3540	Edge_1RB_Left	21.73	21.94	/	22.13	22.44	/	<=30	Pass
		Edge_1RB_Right	20.74	21.94	/	21.14	22.44	/	<=30	Pass
		Outer_Full	21.91	22.55	/	22.31	23.05	/	<=30	Pass
		Inner_Full	23.01	23.51	/	23.41	24.01	/	<=30	Pass
		Inner_1RB_Left	23.20	23.34	/	23.60	23.84	/	<=30	Pass
		Inner_1RB_Right	22.24	23.43	/	22.64	23.93	/	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge_1RB_Left	21.35	22.67	/	21.75	23.17	/	<=30	Pass
		Edge_1RB_Right	21.49	22.29	/	21.89	22.79	/	<=30	Pass
		Outer_Full	21.51	22.37	/	21.91	22.87	/	<=30	Pass
		Inner_Full	21.57	22.58	/	21.97	23.08	/	<=30	Pass
		Inner_1RB_Left	21.37	22.56	/	21.77	23.06	/	<=30	Pass
		Inner_1RB_Right	21.50	22.22	/	21.90	22.72	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.68	21.89	/	21.08	22.39	/	<=30	Pass
		Edge_1RB_Right	21.18	21.96	/	21.58	22.46	/	<=30	Pass
		Outer_Full	21.05	21.89	/	21.45	22.39	/	<=30	Pass
		Inner_Full	21.07	21.93	/	21.47	22.43	/	<=30	Pass
		Inner_1RB_Left	20.83	21.93	/	21.23	22.43	/	<=30	Pass
		Inner_1RB_Right	21.20	22.00	/	21.60	22.5	/	<=30	Pass
	3540	Edge_1RB_Left	21.83	21.97	/	22.23	22.47	/	<=30	Pass
		Edge_1RB_Right	20.90	22.14	/	21.30	22.64	/	<=30	Pass
		Outer_Full	21.41	22.04	/	21.81	22.54	/	<=30	Pass
		Inner_Full	21.61	22.04	/	22.01	22.54	/	<=30	Pass
		Inner_1RB_Left	21.90	21.97	/	22.30	22.47	/	<=30	Pass
		Inner_1RB_Right	20.92	22.13	/	21.32	22.63	/	<=30	Pass
CP-OFDM 256 QAM	3460.02	Edge_1RB_Left	18.38	19.54	/	18.78	20.04	/	<=30	Pass
		Edge_1RB_Right	18.53	19.27	/	18.93	19.77	/	<=30	Pass
		Outer_Full	18.47	19.46	/	18.87	19.96	/	<=30	Pass
		Inner_Full	18.68	19.50	/	19.08	20	/	<=30	Pass
		Inner_1RB_Left	18.43	19.59	/	18.83	20.09	/	<=30	Pass
		Inner_1RB_Right	18.56	19.09	/	18.96	19.59	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.75	18.87	/	18.15	19.37	/	<=30	Pass
		Edge_1RB_Right	18.30	19.00	/	18.70	19.5	/	<=30	Pass
		Outer_Full	18.10	18.88	/	18.50	19.38	/	<=30	Pass
		Inner_Full	18.09	19.00	/	18.49	19.5	/	<=30	Pass
		Inner_1RB_Left	17.86	18.99	/	18.26	19.49	/	<=30	Pass
		Inner_1RB_Right	18.25	18.87	/	18.65	19.37	/	<=30	Pass
	3540	Edge_1RB_Left	18.80	19.13	/	19.20	19.63	/	<=30	Pass
		Edge_1RB_Right	17.99	19.14	/	18.39	19.64	/	<=30	Pass
		Outer_Full	18.39	18.94	/	18.79	19.44	/	<=30	Pass
		Inner_Full	18.67	19.16	/	19.07	19.66	/	<=30	Pass
		Inner_1RB_Left	18.84	18.84	/	19.24	19.34	/	<=30	Pass
		Inner_1RB_Right	17.96	18.98	/	18.36	19.48	/	<=30	Pass
Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

5G NR n78e SCS=30kHz MIMO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3460.02	Edge 1RB Left	18.43	19.78	22.17	18.83	20.28	22.63	<=30	Pass
		Edge 1RB Right	18.63	19.79	22.26	19.03	20.29	22.72	<=30	Pass
		Outer Full	19.23	20.14	22.72	19.63	20.64	23.17	<=30	Pass
		Inner Full	20.78	21.55	24.19	21.18	22.05	24.65	<=30	Pass
		Inner 1RB Left	20.46	21.79	24.19	20.86	22.29	24.64	<=30	Pass
		Inner 1RB Right	20.61	21.84	24.28	21.01	22.34	24.74	<=30	Pass
	3500.01	Edge 1RB Left	17.85	20.19	22.18	18.25	20.69	22.65	<=30	Pass
		Edge 1RB Right	18.43	20.20	22.41	18.83	20.70	22.88	<=30	Pass
		Outer Full	18.71	20.61	22.78	19.11	21.11	23.23	<=30	Pass
		Inner Full	20.16	22.03	24.21	20.56	22.53	24.67	<=30	Pass
		Inner 1RB Left	19.85	22.20	24.20	20.25	22.70	24.66	<=30	Pass
		Inner 1RB Right	20.45	22.38	24.53	20.85	22.88	24.99	<=30	Pass
	3540	Edge 1RB Left	19.09	20.05	22.61	19.49	20.55	23.06	<=30	Pass
		Edge 1RB Right	18.06	20.12	22.22	18.46	20.62	22.68	<=30	Pass
		Outer Full	19.10	20.49	22.86	19.50	20.99	23.32	<=30	Pass
		Inner Full	20.64	21.92	24.33	21.04	22.42	24.79	<=30	Pass
		Inner 1RB Left	21.17	22.01	24.62	21.57	22.51	25.08	<=30	Pass
		Inner 1RB Right	20.19	22.04	24.22	20.59	22.54	24.68	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge 1RB Left	18.37	19.72	22.11	18.77	20.22	22.57	<=30	Pass
		Edge 1RB Right	18.63	19.89	22.31	19.03	20.39	22.77	<=30	Pass
		Outer Full	19.35	20.15	22.78	19.75	20.65	23.23	<=30	Pass
		Inner Full	20.42	21.06	23.76	20.82	21.56	24.22	<=30	Pass
		Inner 1RB Left	20.17	21.26	23.76	20.57	21.76	24.22	<=30	Pass
		Inner 1RB Right	20.25	21.34	23.84	20.65	21.84	24.30	<=30	Pass
	3500.01	Edge 1RB Left	17.84	20.22	22.20	18.24	20.72	22.66	<=30	Pass
		Edge 1RB Right	18.46	20.34	22.51	18.86	20.84	22.97	<=30	Pass
		Outer Full	18.74	20.63	22.80	19.14	21.13	23.26	<=30	Pass
		Inner Full	19.73	21.66	23.81	20.13	22.16	24.27	<=30	Pass
		Inner 1RB Left	19.52	21.66	23.73	19.92	22.16	24.19	<=30	Pass
		Inner 1RB Right	20.07	21.79	24.03	20.47	22.29	24.48	<=30	Pass
	3540	Edge 1RB Left	19.07	20.15	22.65	19.47	20.65	23.11	<=30	Pass
		Edge 1RB Right	18.10	20.12	22.24	18.50	20.62	22.70	<=30	Pass
		Outer Full	19.10	20.59	22.92	19.50	21.09	23.38	<=30	Pass
		Inner Full	20.18	21.45	23.87	20.58	21.95	24.33	<=30	Pass
		Inner 1RB Left	20.53	21.61	24.12	20.93	22.11	24.57	<=30	Pass
		Inner 1RB Right	19.64	21.54	23.70	20.04	22.04	24.16	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge 1RB Left	18.42	19.74	22.14	18.82	20.24	22.60	<=30	Pass
		Edge 1RB Right	18.61	19.92	22.32	19.01	20.42	22.78	<=30	Pass
		Outer Full	18.83	19.63	22.26	19.23	20.13	22.71	<=30	Pass
		Inner Full	18.79	19.53	22.19	19.19	20.03	22.64	<=30	Pass
		Inner 1RB Left	18.39	19.77	22.14	18.79	20.27	22.60	<=30	Pass
		Inner 1RB Right	18.63	19.92	22.33	19.03	20.42	22.79	<=30	Pass
	3500.01	Edge 1RB Left	17.63	20.21	22.12	18.03	20.71	22.58	<=30	Pass
		Edge 1RB Right	18.41	20.48	22.58	18.81	20.98	23.04	<=30	Pass
		Outer Full	18.20	20.15	22.30	18.60	20.65	22.76	<=30	Pass
		Inner Full	18.18	20.07	22.24	18.58	20.57	22.70	<=30	Pass
		Inner 1RB Left	17.68	20.21	22.14	18.08	20.71	22.60	<=30	Pass
		Inner 1RB Right	18.41	20.32	22.48	18.81	20.82	22.94	<=30	Pass
	3540	Edge 1RB Left	19.08	20.05	22.60	19.48	20.55	23.06	<=30	Pass
		Edge 1RB Right	18.12	19.93	22.13	18.52	20.43	22.59	<=30	Pass
		Outer Full	18.56	20.03	22.37	18.96	20.53	22.83	<=30	Pass
		Inner Full	18.63	19.92	22.33	19.03	20.42	22.79	<=30	Pass
		Inner 1RB Left	19.12	20.03	22.61	19.52	20.53	23.06	<=30	Pass
		Inner 1RB Right	18.13	19.92	22.13	18.53	20.42	22.59	<=30	Pass
CP-OFDM 256 QAM	3460.02	Edge 1RB Left	15.64	16.67	19.20	16.04	17.17	19.65	<=30	Pass
		Edge 1RB Right	15.82	16.73	19.31	16.22	17.23	19.76	<=30	Pass

		Outer_Full	15.81	16.66	19.27	16.21	17.16	19.72	<=30	Pass
		Inner_Full	15.84	16.57	19.23	16.24	17.07	19.69	<=30	Pass
		Inner_1RB_Left	15.66	16.60	19.17	16.06	17.10	19.62	<=30	Pass
		Inner_1RB_Right	15.88	16.77	19.36	16.28	17.27	19.81	<=30	Pass
	3500.01	Edge_1RB_Left	15.11	17.11	19.23	15.51	17.61	19.70	<=30	Pass
		Edge_1RB_Right	15.67	17.18	19.50	16.07	17.68	19.96	<=30	Pass
		Outer_Full	15.29	17.20	19.36	15.69	17.70	19.82	<=30	Pass
		Inner_Full	15.22	17.09	19.27	15.62	17.59	19.73	<=30	Pass
	3540	Inner_1RB_Left	15.13	17.03	19.19	15.53	17.53	19.65	<=30	Pass
		Inner_1RB_Right	15.70	17.26	19.56	16.10	17.76	20.02	<=30	Pass
		Edge_1RB_Left	16.23	17.03	19.66	16.63	17.53	20.11	<=30	Pass
		Edge_1RB_Right	15.23	16.94	19.18	15.63	17.44	19.64	<=30	Pass
		Outer_Full	15.66	17.01	19.40	16.06	17.51	19.86	<=30	Pass
		Inner_Full	15.65	17.02	19.40	16.05	17.52	19.86	<=30	Pass
		Inner_1RB_Left	16.18	16.92	19.58	16.58	17.42	20.03	<=30	Pass
		Inner_1RB_Right	15.19	16.94	19.16	15.59	17.44	19.62	<=30	Pass

Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi;
Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2

1.2 30k_30MHz_NTNV_EIRP

1.2.1 Test Result

5G NR n78e SCS=30kHz SISO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3465	Edge_1RB_Left	21.30	22.73	/	21.70	23.23	/	<=30	Pass
		Edge_1RB_Right	20.68	21.93	/	21.08	22.43	/	<=30	Pass
		Outer_Full	24.49	25.33	/	24.89	25.83	/	<=30	Pass
		Inner_Full	25.15	25.81	/	25.55	26.31	/	<=30	Pass
		Inner_1RB_Left	24.92	26.27	/	25.32	26.77	/	<=30	Pass
		Inner_1RB_Right	24.24	25.40	/	24.64	25.9	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.54	22.01	/	20.94	22.51	/	<=30	Pass
		Edge_1RB_Right	21.02	21.86	/	21.42	22.36	/	<=30	Pass
		Outer_Full	23.99	24.98	/	24.39	25.48	/	<=30	Pass
		Inner_Full	24.51	25.36	/	24.91	25.86	/	<=30	Pass
		Inner_1RB_Left	24.08	25.39	/	24.48	25.89	/	<=30	Pass
		Inner_1RB_Right	24.70	25.37	/	25.10	25.87	/	<=30	Pass
	3534.99	Edge_1RB_Left	21.50	22.07	/	21.90	22.57	/	<=30	Pass
		Edge_1RB_Right	20.84	22.04	/	21.24	22.54	/	<=30	Pass
		Outer_Full	24.59	24.88	/	24.99	25.38	/	<=30	Pass
		Inner_Full	25.28	25.50	/	25.68	26	/	<=30	Pass
		Inner_1RB_Left	24.90	25.68	/	25.30	26.18	/	<=30	Pass
		Inner_1RB_Right	24.44	25.58	/	24.84	26.08	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Edge_1RB_Left	21.35	22.62	/	21.75	23.12	/	<=30	Pass
		Edge_1RB_Right	20.62	21.92	/	21.02	22.42	/	<=30	Pass
		Outer_Full	23.98	24.84	/	24.38	25.34	/	<=30	Pass
		Inner_Full	25.20	25.81	/	25.60	26.31	/	<=30	Pass
		Inner_1RB_Left	24.73	26.25	/	25.13	26.75	/	<=30	Pass
		Inner_1RB_Right	24.14	25.44	/	24.54	25.94	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.63	21.92	/	21.03	22.42	/	<=30	Pass
		Edge_1RB_Right	21.21	21.83	/	21.61	22.33	/	<=30	Pass
		Outer_Full	23.47	24.43	/	23.87	24.93	/	<=30	Pass
		Inner_Full	24.49	25.42	/	24.89	25.92	/	<=30	Pass
		Inner_1RB_Left	24.02	25.43	/	24.42	25.93	/	<=30	Pass
		Inner_1RB_Right	24.71	25.40	/	25.11	25.9	/	<=30	Pass

	3534.99	Edge_1RB_Left	21.38	22.11	/	21.78	22.61	/	<=30	Pass
		Edge_1RB_Right	20.85	21.99	/	21.25	22.49	/	<=30	Pass
		Outer_Full	24.02	24.48	/	24.42	24.98	/	<=30	Pass
		Inner_Full	25.33	25.45	/	25.73	25.95	/	<=30	Pass
		Inner_1RB_Left	24.89	25.56	/	25.29	26.06	/	<=30	Pass
		Inner_1RB_Right	24.41	25.53	/	24.81	26.03	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Edge_1RB_Left	21.30	22.66	/	21.70	23.16	/	<=30	Pass
		Edge_1RB_Right	20.61	21.86	/	21.01	22.36	/	<=30	Pass
		Outer_Full	22.99	23.91	/	23.39	24.41	/	<=30	Pass
		Inner_Full	24.22	24.83	/	24.62	25.33	/	<=30	Pass
		Inner_1RB_Left	23.78	25.11	/	24.18	25.61	/	<=30	Pass
		Inner_1RB_Right	23.05	24.28	/	23.45	24.78	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.50	21.89	/	20.90	22.39	/	<=30	Pass
		Edge_1RB_Right	21.04	21.89	/	21.44	22.39	/	<=30	Pass
		Outer_Full	22.52	23.35	/	22.92	23.85	/	<=30	Pass
		Inner_Full	23.50	24.40	/	23.90	24.9	/	<=30	Pass
		Inner_1RB_Left	22.93	24.26	/	23.33	24.76	/	<=30	Pass
		Inner_1RB_Right	23.58	24.28	/	23.98	24.78	/	<=30	Pass
	3534.99	Edge_1RB_Left	21.30	22.07	/	21.70	22.57	/	<=30	Pass
		Edge_1RB_Right	20.79	22.01	/	21.19	22.51	/	<=30	Pass
		Outer_Full	23.04	23.54	/	23.44	24.04	/	<=30	Pass
		Inner_Full	24.26	24.39	/	24.66	24.89	/	<=30	Pass
		Inner_1RB_Left	23.75	24.53	/	24.15	25.03	/	<=30	Pass
		Inner_1RB_Right	23.20	24.32	/	23.60	24.82	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Edge_1RB_Left	21.40	22.65	/	21.80	23.15	/	<=30	Pass
		Edge_1RB_Right	20.76	22.06	/	21.16	22.56	/	<=30	Pass
		Outer_Full	22.51	23.34	/	22.91	23.84	/	<=30	Pass
		Inner_Full	22.68	23.43	/	23.08	23.93	/	<=30	Pass
		Inner_1RB_Left	22.34	23.75	/	22.74	24.25	/	<=30	Pass
		Inner_1RB_Right	21.68	23.01	/	22.08	23.51	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.64	21.92	/	21.04	22.42	/	<=30	Pass
		Edge_1RB_Right	21.23	22.00	/	21.63	22.5	/	<=30	Pass
		Outer_Full	22.06	23.05	/	22.46	23.55	/	<=30	Pass
		Inner_Full	22.04	22.91	/	22.44	23.41	/	<=30	Pass
		Inner_1RB_Left	21.57	22.92	/	21.97	23.42	/	<=30	Pass
		Inner_1RB_Right	22.08	22.81	/	22.48	23.31	/	<=30	Pass
	3534.99	Edge_1RB_Left	21.56	22.14	/	21.96	22.64	/	<=30	Pass
		Edge_1RB_Right	20.98	22.08	/	21.38	22.58	/	<=30	Pass
		Outer_Full	22.57	23.15	/	22.97	23.65	/	<=30	Pass
		Inner_Full	22.89	22.97	/	23.29	23.47	/	<=30	Pass
		Inner_1RB_Left	22.53	23.10	/	22.93	23.6	/	<=30	Pass
		Inner_1RB_Right	21.87	23.02	/	22.27	23.52	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Edge_1RB_Left	20.36	21.82	/	20.76	22.32	/	<=30	Pass
		Edge_1RB_Right	19.72	20.81	/	20.12	21.31	/	<=30	Pass
		Outer_Full	20.39	21.34	/	20.79	21.84	/	<=30	Pass
		Inner_Full	20.61	21.20	/	21.01	21.7	/	<=30	Pass
		Inner_1RB_Left	20.40	21.79	/	20.80	22.29	/	<=30	Pass
		Inner_1RB_Right	19.73	20.98	/	20.13	21.48	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.61	20.90	/	20.01	21.4	/	<=30	Pass
		Edge_1RB_Right	20.28	20.84	/	20.68	21.34	/	<=30	Pass
		Outer_Full	19.92	21.00	/	20.32	21.5	/	<=30	Pass
		Inner_Full	20.00	20.91	/	20.40	21.41	/	<=30	Pass
		Inner_1RB_Left	19.62	20.92	/	20.02	21.42	/	<=30	Pass
		Inner_1RB_Right	20.25	20.84	/	20.65	21.34	/	<=30	Pass
	3534.99	Edge_1RB_Left	20.38	21.09	/	20.78	21.59	/	<=30	Pass
		Edge_1RB_Right	19.84	21.16	/	20.24	21.66	/	<=30	Pass
		Outer_Full	20.62	21.08	/	21.02	21.58	/	<=30	Pass
		Inner_Full	20.77	20.93	/	21.17	21.43	/	<=30	Pass
		Inner_1RB_Left	20.45	20.98	/	20.85	21.48	/	<=30	Pass

		Inner 1RB Right	20.04	21.04	/	20.44	21.54	/	<=30	Pass
CP-OFDM QPSK	3465	Edge 1RB Left	21.40	22.78	/	21.80	23.28	/	<=30	Pass
		Edge 1RB Right	20.74	22.11	/	21.14	22.61	/	<=30	Pass
		Outer Full	22.00	22.84	/	22.40	23.34	/	<=30	Pass
		Inner Full	23.65	24.36	/	24.05	24.86	/	<=30	Pass
		Inner 1RB Left	23.21	24.76	/	23.61	25.26	/	<=30	Pass
		Inner 1RB Right	22.74	23.82	/	23.14	24.32	/	<=30	Pass
	3500.01	Edge 1RB Left	20.66	22.10	/	21.06	22.6	/	<=30	Pass
		Edge 1RB Right	21.29	21.91	/	21.69	22.41	/	<=30	Pass
		Outer Full	21.51	22.40	/	21.91	22.9	/	<=30	Pass
		Inner Full	22.91	23.97	/	23.31	24.47	/	<=30	Pass
		Inner 1RB Left	22.61	23.94	/	23.01	24.44	/	<=30	Pass
		Inner 1RB Right	23.04	23.70	/	23.44	24.2	/	<=30	Pass
	3534.99	Edge 1RB Left	21.46	22.22	/	21.86	22.72	/	<=30	Pass
		Edge 1RB Right	21.02	22.10	/	21.42	22.6	/	<=30	Pass
		Outer Full	22.00	22.55	/	22.40	23.05	/	<=30	Pass
		Inner Full	23.79	23.97	/	24.19	24.47	/	<=30	Pass
		Inner 1RB Left	23.52	24.21	/	23.92	24.71	/	<=30	Pass
		Inner 1RB Right	22.93	23.93	/	23.33	24.43	/	<=30	Pass
CP-OFDM 16 QAM	3465	Edge 1RB Left	21.26	22.48	/	21.66	22.98	/	<=30	Pass
		Edge 1RB Right	20.65	21.98	/	21.05	22.48	/	<=30	Pass
		Outer Full	21.93	22.86	/	22.33	23.36	/	<=30	Pass
		Inner Full	23.21	23.80	/	23.61	24.3	/	<=30	Pass
		Inner 1RB Left	22.54	24.02	/	22.94	24.52	/	<=30	Pass
		Inner 1RB Right	21.90	23.17	/	22.30	23.67	/	<=30	Pass
	3500.01	Edge 1RB Left	20.46	21.72	/	20.86	22.22	/	<=30	Pass
		Edge 1RB Right	21.04	21.75	/	21.44	22.25	/	<=30	Pass
		Outer Full	21.53	22.47	/	21.93	22.97	/	<=30	Pass
		Inner Full	22.64	23.27	/	23.04	23.77	/	<=30	Pass
		Inner 1RB Left	22.20	23.30	/	22.60	23.8	/	<=30	Pass
		Inner 1RB Right	22.60	23.13	/	23.00	23.63	/	<=30	Pass
	3534.99	Edge 1RB Left	21.39	22.06	/	21.79	22.56	/	<=30	Pass
		Edge 1RB Right	20.89	22.05	/	21.29	22.55	/	<=30	Pass
		Outer Full	22.04	22.57	/	22.44	23.07	/	<=30	Pass
		Inner Full	23.25	23.48	/	23.65	23.98	/	<=30	Pass
		Inner 1RB Left	22.86	23.54	/	23.26	24.04	/	<=30	Pass
		Inner 1RB Right	22.18	23.47	/	22.58	23.97	/	<=30	Pass
CP-OFDM 64 QAM	3465	Edge 1RB Left	21.36	22.84	/	21.76	23.34	/	<=30	Pass
		Edge 1RB Right	20.71	21.96	/	21.11	22.46	/	<=30	Pass
		Outer Full	21.37	22.30	/	21.77	22.8	/	<=30	Pass
		Inner Full	21.59	22.36	/	21.99	22.86	/	<=30	Pass
		Inner 1RB Left	21.43	22.81	/	21.83	23.31	/	<=30	Pass
		Inner 1RB Right	20.78	21.92	/	21.18	22.42	/	<=30	Pass
	3500.01	Edge 1RB Left	20.53	22.05	/	20.93	22.55	/	<=30	Pass
		Edge 1RB Right	21.18	21.95	/	21.58	22.45	/	<=30	Pass
		Outer Full	21.02	21.96	/	21.42	22.46	/	<=30	Pass
		Inner Full	21.09	21.87	/	21.49	22.37	/	<=30	Pass
		Inner 1RB Left	20.50	21.99	/	20.90	22.49	/	<=30	Pass
		Inner 1RB Right	21.15	21.90	/	21.55	22.4	/	<=30	Pass
	3534.99	Edge 1RB Left	21.43	22.06	/	21.83	22.56	/	<=30	Pass
		Edge 1RB Right	21.01	22.05	/	21.41	22.55	/	<=30	Pass
		Outer Full	21.48	21.97	/	21.88	22.47	/	<=30	Pass
		Inner Full	21.68	21.98	/	22.08	22.48	/	<=30	Pass
		Inner 1RB Left	21.51	22.09	/	21.91	22.59	/	<=30	Pass
		Inner 1RB Right	21.04	22.03	/	21.44	22.53	/	<=30	Pass
CP-OFDM 256 QAM	3465	Edge 1RB Left	18.45	19.66	/	18.85	20.16	/	<=30	Pass
		Edge 1RB Right	17.79	18.85	/	18.19	19.35	/	<=30	Pass
		Outer Full	18.41	19.32	/	18.81	19.82	/	<=30	Pass
		Inner Full	18.62	19.36	/	19.02	19.86	/	<=30	Pass

		Inner_1RB_Left	18.43	19.71	/	18.83	20.21	/	<=30	Pass
		Inner_1RB_Right	17.74	18.87	/	18.14	19.37	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.62	19.02	/	18.02	19.52	/	<=30	Pass
		Edge_1RB_Right	18.29	18.89	/	18.69	19.39	/	<=30	Pass
		Outer_Full	18.13	18.92	/	18.53	19.42	/	<=30	Pass
		Inner_Full	18.02	18.94	/	18.42	19.44	/	<=30	Pass
		Inner_1RB_Left	17.63	19.05	/	18.03	19.55	/	<=30	Pass
		Inner_1RB_Right	18.27	18.78	/	18.67	19.28	/	<=30	Pass
	3534.99	Edge_1RB_Left	18.40	19.10	/	18.80	19.6	/	<=30	Pass
		Edge_1RB_Right	17.95	19.09	/	18.35	19.59	/	<=30	Pass
		Outer_Full	18.56	19.00	/	18.96	19.5	/	<=30	Pass
		Inner_Full	18.63	19.02	/	19.03	19.52	/	<=30	Pass
		Inner_1RB_Left	18.48	19.02	/	18.88	19.52	/	<=30	Pass
		Inner_1RB_Right	17.97	19.07	/	18.37	19.57	/	<=30	Pass
Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

5G NR n78e SCS=30kHz MIMO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3465	Edge 1RB Left	18.48	19.63	22.10	18.88	20.13	22.56	<=30	Pass
		Edge 1RB Right	17.76	20.12	22.11	18.16	20.62	22.57	<=30	Pass
		Outer Full	18.93	20.19	22.61	19.33	20.69	23.07	<=30	Pass
		Inner Full	20.74	21.54	24.17	21.14	22.04	24.62	<=30	Pass
		Inner 1RB Left	20.40	21.69	24.10	20.80	22.19	24.56	<=30	Pass
		Inner 1RB Right	19.82	22.23	24.20	20.22	22.73	24.66	<=30	Pass
	3500.01	Edge 1RB Left	17.77	20.37	22.27	18.17	20.87	22.74	<=30	Pass
		Edge 1RB Right	18.41	20.39	22.52	18.81	20.89	22.98	<=30	Pass
		Outer Full	18.62	20.65	22.76	19.02	21.15	23.22	<=30	Pass
		Inner Full	20.14	22.03	24.20	20.54	22.53	24.66	<=30	Pass
		Inner 1RB Left	19.63	22.15	24.08	20.03	22.65	24.54	<=30	Pass
		Inner 1RB Right	20.42	22.46	24.57	20.82	22.96	25.03	<=30	Pass
	3534.99	Edge 1RB Left	18.71	20.39	22.64	19.11	20.89	23.10	<=30	Pass
		Edge 1RB Right	18.17	20.20	22.31	18.57	20.70	22.77	<=30	Pass
		Outer Full	19.32	20.60	23.02	19.72	21.10	23.47	<=30	Pass
		Inner Full	20.99	22.09	24.58	21.39	22.59	25.04	<=30	Pass
		Inner 1RB Left	20.59	22.41	24.61	20.99	22.91	25.07	<=30	Pass
		Inner 1RB Right	20.07	22.25	24.30	20.47	22.75	24.77	<=30	Pass
CP-OFDM 16 QAM	3465	Edge 1RB Left	18.66	19.72	22.23	19.06	20.22	22.69	<=30	Pass
		Edge 1RB Right	17.86	19.98	22.06	18.26	20.48	22.52	<=30	Pass
		Outer Full	18.93	20.13	22.58	19.33	20.63	23.04	<=30	Pass
		Inner Full	20.21	21.04	23.65	20.61	21.54	24.11	<=30	Pass
		Inner 1RB Left	19.95	20.98	23.50	20.35	21.48	23.96	<=30	Pass
		Inner 1RB Right	19.34	21.50	23.56	19.74	22.00	24.03	<=30	Pass
	3500.01	Edge 1RB Left	17.76	20.10	22.10	18.16	20.60	22.56	<=30	Pass
		Edge 1RB Right	18.49	20.22	22.45	18.89	20.72	22.91	<=30	Pass
		Outer Full	18.60	20.66	22.76	19.00	21.16	23.22	<=30	Pass
		Inner Full	19.77	21.58	23.78	20.17	22.08	24.24	<=30	Pass
		Inner 1RB Left	19.17	21.57	23.55	19.57	22.07	24.01	<=30	Pass
		Inner 1RB Right	20.05	21.84	24.04	20.45	22.34	24.51	<=30	Pass
	3534.99	Edge 1RB Left	18.56	20.46	22.62	18.96	20.96	23.08	<=30	Pass
		Edge 1RB Right	17.98	20.32	22.32	18.38	20.82	22.78	<=30	Pass
		Outer Full	19.28	20.60	23.00	19.68	21.10	23.46	<=30	Pass
		Inner Full	20.43	21.58	24.06	20.83	22.08	24.51	<=30	Pass
		Inner 1RB Left	20.03	21.98	24.12	20.43	22.48	24.59	<=30	Pass
		Inner 1RB Right	19.51	21.63	23.71	19.91	22.13	24.17	<=30	Pass
CP-OFDM 64 QAM	3465	Edge 1RB Left	18.29	19.62	22.01	18.69	20.12	22.47	<=30	Pass
		Edge 1RB Right	17.66	20.07	22.04	18.06	20.57	22.50	<=30	Pass

		Outer_Full	18.43	19.67	22.10	18.83	20.17	22.56	<=30	Pass
		Inner_Full	18.65	19.43	22.06	19.05	19.93	22.52	<=30	Pass
		Inner_1RB_Left	18.34	19.62	22.04	18.74	20.12	22.49	<=30	Pass
		Inner_1RB_Right	17.68	20.05	22.03	18.08	20.55	22.50	<=30	Pass
	3500.01	Edge_1RB_Left	17.61	20.24	22.13	18.01	20.74	22.60	<=30	Pass
		Edge_1RB_Right	18.28	20.38	22.46	18.68	20.88	22.93	<=30	Pass
		Outer_Full	18.09	20.15	22.26	18.49	20.65	22.71	<=30	Pass
		Inner_Full	18.11	20.00	22.17	18.51	20.50	22.63	<=30	Pass
	3534.99	Inner_1RB_Left	17.64	20.26	22.16	18.04	20.76	22.62	<=30	Pass
		Inner_1RB_Right	18.29	20.45	22.51	18.69	20.95	22.98	<=30	Pass
		Edge_1RB_Left	18.67	20.26	22.55	19.07	20.76	23.01	<=30	Pass
		Edge_1RB_Right	18.09	20.15	22.25	18.49	20.65	22.71	<=30	Pass
		Outer_Full	18.78	20.16	22.53	19.18	20.66	22.99	<=30	Pass
		Inner_Full	18.90	20.10	22.55	19.30	20.60	23.01	<=30	Pass
		Inner_1RB_Left	18.69	20.35	22.61	19.09	20.85	23.07	<=30	Pass
		Inner_1RB_Right	18.12	19.94	22.14	18.52	20.44	22.60	<=30	Pass
CP-OFDM 256 QAM	3465	Edge_1RB_Left	15.29	16.73	19.08	15.69	17.23	19.54	<=30	Pass
		Edge_1RB_Right	14.62	17.23	19.13	15.02	17.73	19.59	<=30	Pass
		Outer_Full	15.45	16.66	19.11	15.85	17.16	19.56	<=30	Pass
		Inner_Full	15.72	16.58	19.18	16.12	17.08	19.64	<=30	Pass
		Inner_1RB_Left	15.44	16.83	19.20	15.84	17.33	19.66	<=30	Pass
		Inner_1RB_Right	14.74	17.07	19.07	15.14	17.57	19.53	<=30	Pass
	3500.01	Edge_1RB_Left	14.60	17.36	19.21	15.00	17.86	19.67	<=30	Pass
		Edge_1RB_Right	15.27	17.63	19.62	15.67	18.13	20.08	<=30	Pass
		Outer_Full	15.11	17.14	19.25	15.51	17.64	19.71	<=30	Pass
		Inner_Full	15.23	17.15	19.31	15.63	17.65	19.77	<=30	Pass
		Inner_1RB_Left	14.54	17.30	19.14	14.94	17.80	19.61	<=30	Pass
		Inner_1RB_Right	15.41	17.61	19.66	15.81	18.11	20.12	<=30	Pass
	3534.99	Edge_1RB_Left	15.50	17.74	19.77	15.90	18.24	20.24	<=30	Pass
		Edge_1RB_Right	14.99	17.21	19.25	15.39	17.71	19.71	<=30	Pass
		Outer_Full	15.79	17.26	19.60	16.19	17.76	20.06	<=30	Pass
		Inner_Full	15.88	17.07	19.53	16.28	17.57	19.98	<=30	Pass
		Inner_1RB_Left	15.57	17.64	19.74	15.97	18.14	20.20	<=30	Pass
		Inner_1RB_Right	14.98	17.30	19.30	15.38	17.80	19.77	<=30	Pass
Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.3 30k_40MHz_NTNV_EIRP

1.3.1 Test Result

5G NR n78e SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3470.01	Edge_1RB_Left	21.48	22.71	/	21.88	23.21	/	<=30	Pass
		Edge_1RB_Right	20.57	21.75	/	20.97	22.25	/	<=30	Pass
		Outer_Full	24.31	25.24	/	24.71	25.74	/	<=30	Pass
		Inner_Full	24.95	25.69	/	25.35	26.19	/	<=30	Pass
		Inner_1RB_Left	24.98	26.29	/	25.38	26.79	/	<=30	Pass
		Inner_1RB_Right	24.13	25.30	/	24.53	25.8	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.65	22.07	/	21.05	22.57	/	<=30	Pass
		Edge_1RB_Right	21.25	21.92	/	21.65	22.42	/	<=30	Pass
		Outer_Full	24.00	25.00	/	24.40	25.5	/	<=30	Pass
		Inner_Full	24.49	25.41	/	24.89	25.91	/	<=30	Pass

		Inner 1RB Left	24.26	25.55	/	24.66	26.05	/	<=30	Pass
		Inner 1RB Right	24.77	25.47	/	25.17	25.97	/	<=30	Pass
	3529.98	Edge 1RB Left	21.28	22.15	/	21.68	22.65	/	<=30	Pass
		Edge 1RB Right	20.77	22.03	/	21.17	22.53	/	<=30	Pass
		Outer Full	24.35	25.09	/	24.75	25.59	/	<=30	Pass
		Inner Full	25.14	25.50	/	25.54	26	/	<=30	Pass
		Inner 1RB Left	24.71	25.62	/	25.11	26.12	/	<=30	Pass
		Inner 1RB Right	24.32	25.58	/	24.72	26.08	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Edge 1RB Left	21.39	22.72	/	21.79	23.22	/	<=30	Pass
		Edge 1RB Right	20.59	21.83	/	20.99	22.33	/	<=30	Pass
		Outer Full	23.81	24.79	/	24.21	25.29	/	<=30	Pass
		Inner Full	24.94	25.73	/	25.34	26.23	/	<=30	Pass
		Inner 1RB Left	24.97	26.27	/	25.37	26.77	/	<=30	Pass
		Inner 1RB Right	24.04	25.31	/	24.44	25.81	/	<=30	Pass
	3500.01	Edge 1RB Left	20.72	22.13	/	21.12	22.63	/	<=30	Pass
		Edge 1RB Right	21.32	22.02	/	21.72	22.52	/	<=30	Pass
		Outer Full	23.47	24.49	/	23.87	24.99	/	<=30	Pass
		Inner Full	24.45	25.47	/	24.85	25.97	/	<=30	Pass
		Inner 1RB Left	24.14	25.56	/	24.54	26.06	/	<=30	Pass
		Inner 1RB Right	24.73	25.41	/	25.13	25.91	/	<=30	Pass
	3529.98	Edge 1RB Left	21.36	22.16	/	21.76	22.66	/	<=30	Pass
		Edge 1RB Right	20.75	22.04	/	21.15	22.54	/	<=30	Pass
		Outer Full	23.96	24.53	/	24.36	25.03	/	<=30	Pass
		Inner Full	25.11	25.49	/	25.51	25.99	/	<=30	Pass
		Inner 1RB Left	24.70	25.55	/	25.10	26.05	/	<=30	Pass
		Inner 1RB Right	24.34	25.46	/	24.74	25.96	/	<=30	Pass
DFT-s-OFDM 16 QAM	3470.01	Edge 1RB Left	21.36	22.71	/	21.76	23.21	/	<=30	Pass
		Edge 1RB Right	20.50	21.67	/	20.90	22.17	/	<=30	Pass
		Outer Full	22.84	23.64	/	23.24	24.14	/	<=30	Pass
		Inner Full	23.98	24.77	/	24.38	25.27	/	<=30	Pass
		Inner 1RB Left	23.76	25.20	/	24.16	25.7	/	<=30	Pass
		Inner 1RB Right	22.94	24.17	/	23.34	24.67	/	<=30	Pass
	3500.01	Edge 1RB Left	20.56	21.91	/	20.96	22.41	/	<=30	Pass
		Edge 1RB Right	21.13	21.76	/	21.53	22.26	/	<=30	Pass
		Outer Full	22.52	23.28	/	22.92	23.78	/	<=30	Pass
		Inner Full	23.50	24.51	/	23.90	25.01	/	<=30	Pass
		Inner 1RB Left	23.00	24.36	/	23.40	24.86	/	<=30	Pass
		Inner 1RB Right	23.67	24.22	/	24.07	24.72	/	<=30	Pass
	3529.98	Edge 1RB Left	21.19	22.03	/	21.59	22.53	/	<=30	Pass
		Edge 1RB Right	20.71	21.99	/	21.11	22.49	/	<=30	Pass
		Outer Full	22.94	23.55	/	23.34	24.05	/	<=30	Pass
		Inner Full	24.19	24.55	/	24.59	25.05	/	<=30	Pass
		Inner 1RB Left	23.57	24.39	/	23.97	24.89	/	<=30	Pass
		Inner 1RB Right	23.24	24.41	/	23.64	24.91	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge 1RB Left	21.62	22.83	/	22.02	23.33	/	<=30	Pass
		Edge 1RB Right	20.68	21.83	/	21.08	22.33	/	<=30	Pass
		Outer Full	22.38	23.37	/	22.78	23.87	/	<=30	Pass
		Inner Full	22.44	23.26	/	22.84	23.76	/	<=30	Pass
		Inner 1RB Left	22.45	23.93	/	22.85	24.43	/	<=30	Pass
		Inner 1RB Right	21.52	22.75	/	21.92	23.25	/	<=30	Pass
	3500.01	Edge 1RB Left	20.67	21.99	/	21.07	22.49	/	<=30	Pass
		Edge 1RB Right	21.20	21.93	/	21.60	22.43	/	<=30	Pass
		Outer Full	22.02	22.97	/	22.42	23.47	/	<=30	Pass
		Inner Full	21.97	23.00	/	22.37	23.5	/	<=30	Pass
		Inner 1RB Left	21.69	22.95	/	22.09	23.45	/	<=30	Pass
		Inner 1RB Right	22.22	22.98	/	22.62	23.48	/	<=30	Pass
	3529.98	Edge 1RB Left	21.29	22.22	/	21.69	22.72	/	<=30	Pass
		Edge 1RB Right	20.84	22.12	/	21.24	22.62	/	<=30	Pass
		Outer Full	22.48	23.18	/	22.88	23.68	/	<=30	Pass

		Inner_Full	22.69	23.05	/	23.09	23.55	/	<=30	Pass
		Inner_1RB_Left	22.27	23.09	/	22.67	23.59	/	<=30	Pass
		Inner_1RB_Right	21.82	23.13	/	22.22	23.63	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	20.47	21.84	/	20.87	22.34	/	<=30	Pass
		Edge_1RB_Right	19.60	20.81	/	20.00	21.31	/	<=30	Pass
		Outer_Full	20.25	21.29	/	20.65	21.79	/	<=30	Pass
		Inner_Full	20.34	21.26	/	20.74	21.76	/	<=30	Pass
		Inner_1RB_Left	20.51	21.82	/	20.91	22.32	/	<=30	Pass
		Inner_1RB_Right	19.53	20.84	/	19.93	21.34	/	<=30	Pass
		Edge_1RB_Left	19.70	21.00	/	20.10	21.5	/	<=30	Pass
		Edge_1RB_Right	20.33	20.94	/	20.73	21.44	/	<=30	Pass
	3500.01	Outer_Full	19.88	21.02	/	20.28	21.52	/	<=30	Pass
		Inner_Full	19.99	20.93	/	20.39	21.43	/	<=30	Pass
		Inner_1RB_Left	19.69	21.04	/	20.09	21.54	/	<=30	Pass
		Inner_1RB_Right	20.27	20.96	/	20.67	21.46	/	<=30	Pass
		Edge_1RB_Left	20.30	21.09	/	20.70	21.59	/	<=30	Pass
		Edge_1RB_Right	19.81	20.94	/	20.21	21.44	/	<=30	Pass
	3529.98	Outer_Full	20.39	21.00	/	20.79	21.5	/	<=30	Pass
		Inner_Full	20.52	21.18	/	20.92	21.68	/	<=30	Pass
		Inner_1RB_Left	20.15	21.12	/	20.55	21.62	/	<=30	Pass
		Inner_1RB_Right	19.90	20.83	/	20.30	21.33	/	<=30	Pass
		Edge_1RB_Left	21.53	22.87	/	21.93	23.37	/	<=30	Pass
		Edge_1RB_Right	20.57	21.83	/	20.97	22.33	/	<=30	Pass
CP-OFDM QPSK	3470.01	Outer_Full	21.79	22.73	/	22.19	23.23	/	<=30	Pass
		Inner_Full	23.43	24.21	/	23.83	24.71	/	<=30	Pass
		Inner_1RB_Left	23.41	24.94	/	23.81	25.44	/	<=30	Pass
		Inner_1RB_Right	22.60	23.82	/	23.00	24.32	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.82	22.14	/	21.22	22.64	/	<=30	Pass
		Edge_1RB_Right	21.28	22.12	/	21.68	22.62	/	<=30	Pass
		Outer_Full	21.49	22.47	/	21.89	22.97	/	<=30	Pass
		Inner_Full	23.03	23.95	/	23.43	24.45	/	<=30	Pass
		Inner_1RB_Left	22.71	24.11	/	23.11	24.61	/	<=30	Pass
		Inner_1RB_Right	23.36	23.64	/	23.76	24.14	/	<=30	Pass
	3529.98	Edge_1RB_Left	21.37	22.18	/	21.77	22.68	/	<=30	Pass
		Edge_1RB_Right	20.87	21.99	/	21.27	22.49	/	<=30	Pass
		Outer_Full	21.93	22.77	/	22.33	23.27	/	<=30	Pass
		Inner_Full	23.65	24.09	/	24.05	24.59	/	<=30	Pass
		Inner_1RB_Left	23.62	24.09	/	24.02	24.59	/	<=30	Pass
		Inner_1RB_Right	22.85	24.04	/	23.25	24.54	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge_1RB_Left	21.24	22.61	/	21.64	23.11	/	<=30	Pass
		Edge_1RB_Right	20.38	21.54	/	20.78	22.04	/	<=30	Pass
		Outer_Full	21.75	22.75	/	22.15	23.25	/	<=30	Pass
		Inner_Full	22.93	23.61	/	23.33	24.11	/	<=30	Pass
		Inner_1RB_Left	22.75	24.27	/	23.15	24.77	/	<=30	Pass
		Inner_1RB_Right	21.90	23.23	/	22.30	23.73	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.57	22.07	/	20.97	22.57	/	<=30	Pass
		Edge_1RB_Right	21.09	21.92	/	21.49	22.42	/	<=30	Pass
		Outer_Full	21.45	22.48	/	21.85	22.98	/	<=30	Pass
		Inner_Full	22.52	23.45	/	22.92	23.95	/	<=30	Pass
		Inner_1RB_Left	22.07	23.61	/	22.47	24.11	/	<=30	Pass
		Inner_1RB_Right	22.50	23.34	/	22.90	23.84	/	<=30	Pass
	3529.98	Edge_1RB_Left	21.23	21.98	/	21.63	22.48	/	<=30	Pass
		Edge_1RB_Right	20.75	21.89	/	21.15	22.39	/	<=30	Pass
		Outer_Full	21.93	22.45	/	22.33	22.95	/	<=30	Pass
		Inner_Full	23.14	23.54	/	23.54	24.04	/	<=30	Pass
		Inner_1RB_Left	22.52	23.45	/	22.92	23.95	/	<=30	Pass
		Inner_1RB_Right	22.17	23.27	/	22.57	23.77	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge_1RB_Left	21.52	22.74	/	21.92	23.24	/	<=30	Pass
		Edge_1RB_Right	20.65	21.72	/	21.05	22.22	/	<=30	Pass

		Outer_Full	21.33	22.31	/	21.73	22.81	/	<=30	Pass
		Inner_Full	21.39	22.14	/	21.79	22.64	/	<=30	Pass
		Inner_1RB_Left	21.36	22.77	/	21.76	23.27	/	<=30	Pass
		Inner_1RB_Right	20.61	21.81	/	21.01	22.31	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.66	22.08	/	21.06	22.58	/	<=30	Pass
		Edge_1RB_Right	21.32	21.93	/	21.72	22.43	/	<=30	Pass
		Outer_Full	20.98	22.01	/	21.38	22.51	/	<=30	Pass
		Inner_Full	21.03	21.95	/	21.43	22.45	/	<=30	Pass
		Inner_1RB_Left	20.72	22.06	/	21.12	22.56	/	<=30	Pass
		Inner_1RB_Right	21.21	21.99	/	21.61	22.49	/	<=30	Pass
	3529.98	Edge_1RB_Left	21.27	22.14	/	21.67	22.64	/	<=30	Pass
		Edge_1RB_Right	20.82	22.08	/	21.22	22.58	/	<=30	Pass
		Outer_Full	21.49	22.09	/	21.89	22.59	/	<=30	Pass
		Inner_Full	21.68	21.96	/	22.08	22.46	/	<=30	Pass
		Inner_1RB_Left	21.28	22.10	/	21.68	22.6	/	<=30	Pass
		Inner_1RB_Right	20.87	22.02	/	21.27	22.52	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Edge_1RB_Left	18.47	19.81	/	18.87	20.31	/	<=30	Pass
		Edge_1RB_Right	17.77	18.78	/	18.17	19.28	/	<=30	Pass
		Outer_Full	18.24	19.17	/	18.64	19.67	/	<=30	Pass
		Inner_Full	18.43	19.27	/	18.83	19.77	/	<=30	Pass
		Inner_1RB_Left	18.49	19.83	/	18.89	20.33	/	<=30	Pass
		Inner_1RB_Right	17.61	18.73	/	18.01	19.23	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.81	19.04	/	18.21	19.54	/	<=30	Pass
		Edge_1RB_Right	18.29	18.99	/	18.69	19.49	/	<=30	Pass
		Outer_Full	18.09	18.99	/	18.49	19.49	/	<=30	Pass
		Inner_Full	18.10	18.99	/	18.50	19.49	/	<=30	Pass
		Inner_1RB_Left	17.77	19.08	/	18.17	19.58	/	<=30	Pass
		Inner_1RB_Right	18.22	18.87	/	18.62	19.37	/	<=30	Pass
	3529.98	Edge_1RB_Left	18.49	19.05	/	18.89	19.55	/	<=30	Pass
		Edge_1RB_Right	17.88	19.03	/	18.28	19.53	/	<=30	Pass
		Outer_Full	18.46	19.02	/	18.86	19.52	/	<=30	Pass
		Inner_Full	18.67	19.12	/	19.07	19.62	/	<=30	Pass
		Inner_1RB_Left	18.26	19.10	/	18.66	19.6	/	<=30	Pass
		Inner_1RB_Right	17.82	18.95	/	18.22	19.45	/	<=30	Pass
Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

5G NR n78e SCS=30kHz MIMO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3470.01	Edge_1RB_Left	18.61	19.73	22.22	19.01	20.23	22.67	<=30	Pass
		Edge_1RB_Right	17.83	20.05	22.09	18.23	20.55	22.55	<=30	Pass
		Outer_Full	18.91	20.32	22.68	19.31	20.82	23.14	<=30	Pass
		Inner_Full	20.55	21.75	24.20	20.95	22.25	24.66	<=30	Pass
		Inner_1RB_Left	20.52	21.69	24.15	20.92	22.19	24.61	<=30	Pass
		Inner_1RB_Right	19.85	22.17	24.17	20.25	22.67	24.64	<=30	Pass
	3500.01	Edge_1RB_Left	17.90	20.35	22.31	18.30	20.85	22.77	<=30	Pass
		Edge_1RB_Right	18.62	20.41	22.61	19.02	20.91	23.08	<=30	Pass
		Outer_Full	18.58	20.65	22.75	18.98	21.15	23.21	<=30	Pass
		Inner_Full	20.13	22.10	24.23	20.53	22.60	24.70	<=30	Pass
		Inner_1RB_Left	19.90	22.22	24.22	20.30	22.72	24.69	<=30	Pass
		Inner_1RB_Right	20.65	22.48	24.67	21.05	22.98	25.13	<=30	Pass
	3529.98	Edge_1RB_Left	18.56	20.43	22.61	18.96	20.93	23.07	<=30	Pass
		Edge_1RB_Right	17.93	20.07	22.14	18.33	20.57	22.60	<=30	Pass
		Outer_Full	19.08	20.58	22.91	19.48	21.08	23.36	<=30	Pass
		Inner_Full	20.83	22.11	24.53	21.23	22.61	24.98	<=30	Pass
		Inner_1RB_Left	20.48	22.44	24.58	20.88	22.94	25.04	<=30	Pass
		Inner_1RB_Right	20.02	22.16	24.23	20.42	22.66	24.69	<=30	Pass

Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi;
Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2

1.4 30k_50MHz_NTNV_EIRP

1.4.1 Test Result

5G NR n78e SCS=30kHz SISO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3475.02	Edge_1RB_Left	21.09	22.53	/	21.49	23.03	/	<=30	Pass
		Edge_1RB_Right	20.67	21.63	/	21.07	22.13	/	<=30	Pass
		Outer_Full	24.02	24.99	/	24.42	25.49	/	<=30	Pass
		Inner_Full	24.45	25.48	/	24.85	25.98	/	<=30	Pass
		Inner_1RB_Left	24.77	26.03	/	25.17	26.53	/	<=30	Pass
		Inner_1RB_Right	24.25	25.09	/	24.65	25.59	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.69	21.97	/	21.09	22.47	/	<=30	Pass
		Edge_1RB_Right	21.17	21.66	/	21.57	22.16	/	<=30	Pass
		Outer_Full	23.82	24.86	/	24.22	25.36	/	<=30	Pass
		Inner_Full	24.27	25.26	/	24.67	25.76	/	<=30	Pass
		Inner_1RB_Left	24.16	25.44	/	24.56	25.94	/	<=30	Pass
		Inner_1RB_Right	24.72	25.16	/	25.12	25.66	/	<=30	Pass
	3525	Edge_1RB_Left	20.85	21.86	/	21.25	22.36	/	<=30	Pass
		Edge_1RB_Right	20.43	21.82	/	20.83	22.32	/	<=30	Pass
		Outer_Full	24.13	24.87	/	24.53	25.37	/	<=30	Pass
		Inner_Full	24.86	25.39	/	25.26	25.89	/	<=30	Pass
		Inner_1RB_Left	24.42	25.39	/	24.82	25.89	/	<=30	Pass
		Inner_1RB_Right	24.12	25.30	/	24.52	25.8	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Edge_1RB_Left	21.13	22.51	/	21.53	23.01	/	<=30	Pass
		Edge_1RB_Right	20.64	21.55	/	21.04	22.05	/	<=30	Pass
		Outer_Full	23.46	24.39	/	23.86	24.89	/	<=30	Pass
		Inner_Full	24.46	25.41	/	24.86	25.91	/	<=30	Pass
		Inner_1RB_Left	24.68	26.11	/	25.08	26.61	/	<=30	Pass
		Inner_1RB_Right	24.25	25.02	/	24.65	25.52	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.65	21.90	/	21.05	22.4	/	<=30	Pass
		Edge_1RB_Right	21.16	21.59	/	21.56	22.09	/	<=30	Pass
		Outer_Full	23.33	24.29	/	23.73	24.79	/	<=30	Pass
		Inner_Full	24.28	25.41	/	24.68	25.91	/	<=30	Pass
		Inner_1RB_Left	24.18	25.37	/	24.58	25.87	/	<=30	Pass
		Inner_1RB_Right	24.66	25.09	/	25.06	25.59	/	<=30	Pass
	3525	Edge_1RB_Left	20.88	21.79	/	21.28	22.29	/	<=30	Pass
		Edge_1RB_Right	20.46	21.71	/	20.86	22.21	/	<=30	Pass
		Outer_Full	23.74	24.37	/	24.14	24.87	/	<=30	Pass
		Inner_Full	24.83	25.42	/	25.23	25.92	/	<=30	Pass
		Inner_1RB_Left	24.35	25.33	/	24.75	25.83	/	<=30	Pass
		Inner_1RB_Right	23.99	25.24	/	24.39	25.74	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Edge_1RB_Left	21.06	22.41	/	21.46	22.91	/	<=30	Pass
		Edge_1RB_Right	20.63	21.54	/	21.03	22.04	/	<=30	Pass
		Outer_Full	22.51	23.70	/	22.91	24.2	/	<=30	Pass
		Inner_Full	23.51	24.55	/	23.91	25.05	/	<=30	Pass
		Inner_1RB_Left	23.51	24.90	/	23.91	25.4	/	<=30	Pass
		Inner_1RB_Right	23.03	24.11	/	23.43	24.61	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.53	21.80	/	20.93	22.3	/	<=30	Pass
		Edge_1RB_Right	21.18	21.56	/	21.58	22.06	/	<=30	Pass
		Outer_Full	22.38	23.42	/	22.78	23.92	/	<=30	Pass
		Inner_Full	23.33	24.25	/	23.73	24.75	/	<=30	Pass
		Inner_1RB_Left	22.95	24.27	/	23.35	24.77	/	<=30	Pass
		Inner_1RB_Right	23.55	24.06	/	23.95	24.56	/	<=30	Pass
	3525	Edge_1RB_Left	20.69	21.74	/	21.09	22.24	/	<=30	Pass

		Edge 1RB Right	20.38	21.65	/	20.78	22.15	/	<=30	Pass
		Outer Full	22.76	23.38	/	23.16	23.88	/	<=30	Pass
		Inner Full	23.82	24.41	/	24.22	24.91	/	<=30	Pass
		Inner 1RB Left	23.26	24.29	/	23.66	24.79	/	<=30	Pass
		Inner 1RB Right	22.91	24.06	/	23.31	24.56	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Edge 1RB Left	21.16	22.55	/	21.56	23.05	/	<=30	Pass
		Edge 1RB Right	20.79	21.77	/	21.19	22.27	/	<=30	Pass
		Outer Full	21.91	22.95	/	22.31	23.45	/	<=30	Pass
		Inner Full	22.00	22.98	/	22.40	23.48	/	<=30	Pass
		Inner 1RB Left	22.19	23.59	/	22.59	24.09	/	<=30	Pass
		Inner 1RB Right	21.78	22.60	/	22.18	23.1	/	<=30	Pass
	3500.01	Edge 1RB Left	20.84	21.96	/	21.24	22.46	/	<=30	Pass
		Edge 1RB Right	21.27	21.71	/	21.67	22.21	/	<=30	Pass
		Outer Full	21.86	22.64	/	22.26	23.14	/	<=30	Pass
		Inner Full	21.86	22.79	/	22.26	23.29	/	<=30	Pass
		Inner 1RB Left	21.69	22.90	/	22.09	23.4	/	<=30	Pass
		Inner 1RB Right	22.30	22.92	/	22.70	23.42	/	<=30	Pass
	3525	Edge 1RB Left	20.89	21.86	/	21.29	22.36	/	<=30	Pass
		Edge 1RB Right	20.64	21.92	/	21.04	22.42	/	<=30	Pass
		Outer Full	22.17	22.89	/	22.57	23.39	/	<=30	Pass
		Inner Full	22.45	22.99	/	22.85	23.49	/	<=30	Pass
		Inner 1RB Left	21.88	22.70	/	22.28	23.2	/	<=30	Pass
		Inner 1RB Right	21.55	22.78	/	21.95	23.28	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Edge 1RB Left	20.11	21.58	/	20.51	22.08	/	<=30	Pass
		Edge 1RB Right	19.70	20.60	/	20.10	21.1	/	<=30	Pass
		Outer Full	20.06	21.02	/	20.46	21.52	/	<=30	Pass
		Inner Full	19.91	20.94	/	20.31	21.44	/	<=30	Pass
		Inner 1RB Left	20.16	21.58	/	20.56	22.08	/	<=30	Pass
		Inner 1RB Right	19.77	20.59	/	20.17	21.09	/	<=30	Pass
	3500.01	Edge 1RB Left	19.73	20.84	/	20.13	21.34	/	<=30	Pass
		Edge 1RB Right	20.30	20.74	/	20.70	21.24	/	<=30	Pass
		Outer Full	19.89	20.86	/	20.29	21.36	/	<=30	Pass
		Inner Full	19.72	20.83	/	20.12	21.33	/	<=30	Pass
		Inner 1RB Left	19.65	20.84	/	20.05	21.34	/	<=30	Pass
		Inner 1RB Right	20.18	20.66	/	20.58	21.16	/	<=30	Pass
	3525	Edge 1RB Left	19.88	20.75	/	20.28	21.25	/	<=30	Pass
		Edge 1RB Right	19.50	20.77	/	19.90	21.27	/	<=30	Pass
		Outer Full	20.20	21.00	/	20.60	21.5	/	<=30	Pass
		Inner Full	20.33	20.91	/	20.73	21.41	/	<=30	Pass
		Inner 1RB Left	19.91	20.79	/	20.31	21.29	/	<=30	Pass
		Inner 1RB Right	19.50	20.51	/	19.90	21.01	/	<=30	Pass
CP-OFDM QPSK	3475.02	Edge 1RB Left	21.12	22.54	/	21.52	23.04	/	<=30	Pass
		Edge 1RB Right	20.85	21.69	/	21.25	22.19	/	<=30	Pass
		Outer Full	21.52	22.46	/	21.92	22.96	/	<=30	Pass
		Inner Full	22.94	23.95	/	23.34	24.45	/	<=30	Pass
		Inner 1RB Left	23.27	24.45	/	23.67	24.95	/	<=30	Pass
		Inner 1RB Right	22.81	23.52	/	23.21	24.02	/	<=30	Pass
	3500.01	Edge 1RB Left	20.77	21.92	/	21.17	22.42	/	<=30	Pass
		Edge 1RB Right	21.42	21.72	/	21.82	22.22	/	<=30	Pass
		Outer Full	21.34	22.31	/	21.74	22.81	/	<=30	Pass
		Inner Full	22.93	23.73	/	23.33	24.23	/	<=30	Pass
		Inner 1RB Left	22.88	24.13	/	23.28	24.63	/	<=30	Pass
		Inner 1RB Right	23.46	23.52	/	23.86	24.02	/	<=30	Pass
	3525	Edge 1RB Left	21.04	21.88	/	21.44	22.38	/	<=30	Pass
		Edge 1RB Right	20.60	21.77	/	21.00	22.27	/	<=30	Pass
		Outer Full	21.69	22.51	/	22.09	23.01	/	<=30	Pass
		Inner Full	23.39	23.86	/	23.79	24.36	/	<=30	Pass
		Inner 1RB Left	22.91	24.07	/	23.31	24.57	/	<=30	Pass
		Inner 1RB Right	22.79	23.84	/	23.19	24.34	/	<=30	Pass

Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi;
Note2: EIRP=Conducted Power+Antenna Gain

5G NR n78e SCS=30kHz MIMO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3475.02	Edge 1RB Left	18.36	19.41	21.93	18.76	19.91	22.38	<=30	Pass
		Edge 1RB Right	18.05	19.90	22.08	18.45	20.40	22.54	<=30	Pass
		Outer Full	18.66	20.18	22.50	19.06	20.68	22.96	<=30	Pass
		Inner Full	20.10	21.80	24.05	20.50	22.30	24.50	<=30	Pass
		Inner 1RB Left	20.46	21.35	23.94	20.86	21.85	24.39	<=30	Pass
		Inner 1RB Right	20.11	21.72	24.00	20.51	22.22	24.46	<=30	Pass
	3500.01	Edge 1RB Left	17.78	19.97	22.02	18.18	20.47	22.48	<=30	Pass
		Edge 1RB Right	18.41	20.16	22.39	18.81	20.66	22.84	<=30	Pass
		Outer Full	18.56	20.57	22.69	18.96	21.07	23.15	<=30	Pass
		Inner Full	19.94	21.96	24.08	20.34	22.46	24.54	<=30	Pass
		Inner 1RB Left	19.75	21.90	23.96	20.15	22.40	24.43	<=30	Pass
		Inner 1RB Right	20.44	22.14	24.38	20.84	22.64	24.84	<=30	Pass
	3525	Edge 1RB Left	18.23	19.81	22.10	18.63	20.31	22.56	<=30	Pass
		Edge 1RB Right	17.83	19.75	21.91	18.23	20.25	22.37	<=30	Pass
		Outer Full	18.83	20.35	22.67	19.23	20.85	23.13	<=30	Pass
		Inner Full	20.42	21.92	24.25	20.82	22.42	24.70	<=30	Pass
		Inner 1RB Left	20.25	21.82	24.11	20.65	22.32	24.58	<=30	Pass
		Inner 1RB Right	19.71	21.77	23.87	20.11	22.27	24.33	<=30	Pass
CP-OFDM 16 QAM	3475.02	Edge 1RB Left	18.25	19.57	21.97	18.65	20.07	22.43	<=30	Pass
		Edge 1RB Right	17.99	19.77	21.98	18.39	20.27	22.44	<=30	Pass
		Outer Full	18.61	20.19	22.49	19.01	20.69	22.94	<=30	Pass
		Inner Full	19.62	21.30	23.55	20.02	21.80	24.01	<=30	Pass
		Inner 1RB Left	19.75	21.01	23.44	20.15	21.51	23.89	<=30	Pass
		Inner 1RB Right	19.59	21.26	23.52	19.99	21.76	23.97	<=30	Pass
	3500.01	Edge 1RB Left	17.73	19.93	21.98	18.13	20.43	22.44	<=30	Pass
		Edge 1RB Right	18.46	20.08	22.36	18.86	20.58	22.81	<=30	Pass
		Outer Full	18.55	20.54	22.67	18.95	21.04	23.13	<=30	Pass
		Inner Full	19.48	21.49	23.61	19.88	21.99	24.07	<=30	Pass
		Inner 1RB Left	19.40	21.40	23.53	19.80	21.90	23.99	<=30	Pass
		Inner 1RB Right	20.04	21.63	23.92	20.44	22.13	24.38	<=30	Pass
	3525	Edge 1RB Left	18.03	19.73	21.97	18.43	20.23	22.43	<=30	Pass
		Edge 1RB Right	17.60	19.77	21.83	18.00	20.27	22.29	<=30	Pass
		Outer Full	18.82	20.33	22.65	19.22	20.83	23.11	<=30	Pass
		Inner Full	20.04	21.40	23.78	20.44	21.90	24.24	<=30	Pass
		Inner 1RB Left	19.66	21.43	23.64	20.06	21.93	24.11	<=30	Pass
		Inner 1RB Right	19.28	21.48	23.53	19.68	21.98	23.99	<=30	Pass
CP-OFDM 64 QAM	3475.02	Edge 1RB Left	18.18	19.37	21.83	18.58	19.87	22.28	<=30	Pass
		Edge 1RB Right	17.94	19.72	21.93	18.34	20.22	22.39	<=30	Pass
		Outer Full	18.09	19.75	22.01	18.49	20.25	22.47	<=30	Pass
		Inner Full	18.02	19.79	22.01	18.42	20.29	22.47	<=30	Pass
		Inner 1RB Left	18.21	19.41	21.86	18.61	19.91	22.32	<=30	Pass
		Inner 1RB Right	18.01	19.69	21.94	18.41	20.19	22.40	<=30	Pass
	3500.01	Edge 1RB Left	17.67	19.98	21.98	18.07	20.48	22.45	<=30	Pass
		Edge 1RB Right	18.15	20.13	22.26	18.55	20.63	22.72	<=30	Pass
		Outer Full	17.96	19.95	22.08	18.36	20.45	22.54	<=30	Pass
		Inner Full	18.00	19.93	22.08	18.40	20.43	22.54	<=30	Pass
		Inner 1RB Left	17.57	19.87	21.88	17.97	20.37	22.34	<=30	Pass
		Inner 1RB Right	18.19	20.09	22.25	18.59	20.59	22.71	<=30	Pass
	3525	Edge 1RB Left	18.17	19.81	22.08	18.57	20.31	22.54	<=30	Pass
		Edge 1RB Right	17.80	19.72	21.87	18.20	20.22	22.34	<=30	Pass
		Outer Full	18.24	19.90	22.16	18.64	20.40	22.62	<=30	Pass
		Inner Full	18.40	19.95	22.25	18.80	20.45	22.71	<=30	Pass
		Inner 1RB Left	18.18	19.77	22.06	18.58	20.27	22.52	<=30	Pass
		Inner 1RB Right	17.84	19.78	21.93	18.24	20.28	22.39	<=30	Pass
CP-OFDM 256 QAM	3475.02	Edge 1RB Left	15.44	16.37	18.94	15.84	16.87	19.40	<=30	Pass
		Edge 1RB Right	15.28	16.66	19.03	15.68	17.16	19.49	<=30	Pass

		Outer_Full	15.12	16.72	19.01	15.52	17.22	19.46	<=30	Pass
		Inner_Full	15.08	16.85	19.07	15.48	17.35	19.53	<=30	Pass
		Inner_1RB_Left	15.51	16.33	18.95	15.91	16.83	19.40	<=30	Pass
		Inner_1RB_Right	15.09	16.69	18.97	15.49	17.19	19.43	<=30	Pass
	3500.01	Edge_1RB_Left	14.79	17.08	19.10	15.19	17.58	19.56	<=30	Pass
		Edge_1RB_Right	15.35	17.35	19.47	15.75	17.85	19.94	<=30	Pass
		Outer_Full	15.06	17.03	19.17	15.46	17.53	19.63	<=30	Pass
		Inner_Full	15.09	16.98	19.14	15.49	17.48	19.61	<=30	Pass
	3525	Inner_1RB_Left	14.56	17.03	18.97	14.96	17.53	19.44	<=30	Pass
		Inner_1RB_Right	15.40	17.20	19.40	15.80	17.70	19.86	<=30	Pass
		Edge_1RB_Left	15.12	17.22	19.31	15.52	17.72	19.77	<=30	Pass
		Edge_1RB_Right	14.68	16.94	18.97	15.08	17.44	19.43	<=30	Pass
		Outer_Full	15.34	16.87	19.18	15.74	17.37	19.64	<=30	Pass
		Inner_Full	15.50	16.89	19.26	15.90	17.39	19.72	<=30	Pass
		Inner_1RB_Left	15.05	17.02	19.15	15.45	17.52	19.62	<=30	Pass
		Inner_1RB_Right	14.63	17.15	19.08	15.03	17.65	19.54	<=30	Pass

Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi;
Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2

1.5 30k_60MHz_NTNV_EIRP

1.5.1 Test Result

5G NR n78e SCS=30kHz SISO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3480	Edge_1RB_Left	21.13	22.67	/	21.53	23.17	/	<=30	Pass
		Edge_1RB_Right	21.03	21.77	/	21.43	22.27	/	<=30	Pass
		Outer_Full	24.03	25.00	/	24.43	25.5	/	<=30	Pass
		Inner_Full	24.31	25.48	/	24.71	25.98	/	<=30	Pass
		Inner_1RB_Left	24.74	26.10	/	25.14	26.6	/	<=30	Pass
		Inner_1RB_Right	24.52	25.11	/	24.92	25.61	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.14	21.96	/	21.54	22.46	/	<=30	Pass
		Edge_1RB_Right	21.39	21.59	/	21.79	22.09	/	<=30	Pass
		Outer_Full	23.95	24.87	/	24.35	25.37	/	<=30	Pass
		Inner_Full	24.27	25.27	/	24.67	25.77	/	<=30	Pass
		Inner_1RB_Left	24.60	25.62	/	25.00	26.12	/	<=30	Pass
		Inner_1RB_Right	24.98	25.14	/	25.38	25.64	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.45	21.99	/	20.85	22.49	/	<=30	Pass
		Edge_1RB_Right	20.74	21.72	/	21.14	22.22	/	<=30	Pass
		Outer_Full	24.15	24.83	/	24.55	25.33	/	<=30	Pass
		Inner_Full	24.80	25.42	/	25.20	25.92	/	<=30	Pass
		Inner_1RB_Left	23.99	25.35	/	24.39	25.85	/	<=30	Pass
		Inner_1RB_Right	24.11	25.25	/	24.51	25.75	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge_1RB_Left	21.08	22.71	/	21.48	23.21	/	<=30	Pass
		Edge_1RB_Right	21.00	21.65	/	21.40	22.15	/	<=30	Pass
		Outer_Full	23.58	24.42	/	23.98	24.92	/	<=30	Pass
		Inner_Full	24.31	25.50	/	24.71	26	/	<=30	Pass
		Inner_1RB_Left	24.65	26.10	/	25.05	26.6	/	<=30	Pass
		Inner_1RB_Right	24.49	25.06	/	24.89	25.56	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.10	22.05	/	21.50	22.55	/	<=30	Pass
		Edge_1RB_Right	21.31	21.70	/	21.71	22.2	/	<=30	Pass
		Outer_Full	23.37	24.37	/	23.77	24.87	/	<=30	Pass
		Inner_Full	24.24	25.14	/	24.64	25.64	/	<=30	Pass
		Inner_1RB_Left	24.54	25.59	/	24.94	26.09	/	<=30	Pass
		Inner_1RB_Right	24.87	25.16	/	25.27	25.66	/	<=30	Pass

	3519.99	Edge_1RB_Left	20.49	21.71	/	20.89	22.21	/	<=30	Pass
		Edge_1RB_Right	20.53	21.66	/	20.93	22.16	/	<=30	Pass
		Outer_Full	23.65	24.32	/	24.05	24.82	/	<=30	Pass
		Inner_Full	24.82	25.38	/	25.22	25.88	/	<=30	Pass
		Inner_1RB_Left	23.93	25.35	/	24.33	25.85	/	<=30	Pass
		Inner_1RB_Right	24.17	25.23	/	24.57	25.73	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Left	20.95	22.49	/	21.35	22.99	/	<=30	Pass
		Edge_1RB_Right	20.85	21.57	/	21.25	22.07	/	<=30	Pass
		Outer_Full	22.53	23.63	/	22.93	24.13	/	<=30	Pass
		Inner_Full	23.31	24.38	/	23.71	24.88	/	<=30	Pass
		Inner_1RB_Left	23.54	24.99	/	23.94	25.49	/	<=30	Pass
		Inner_1RB_Right	23.33	24.08	/	23.73	24.58	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.08	21.96	/	21.48	22.46	/	<=30	Pass
		Edge_1RB_Right	21.33	21.61	/	21.73	22.11	/	<=30	Pass
		Outer_Full	22.45	23.36	/	22.85	23.86	/	<=30	Pass
		Inner_Full	23.32	24.38	/	23.72	24.88	/	<=30	Pass
		Inner_1RB_Left	23.43	24.50	/	23.83	25	/	<=30	Pass
		Inner_1RB_Right	23.80	24.11	/	24.20	24.61	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.26	21.72	/	20.66	22.22	/	<=30	Pass
		Edge_1RB_Right	20.52	21.63	/	20.92	22.13	/	<=30	Pass
		Outer_Full	22.72	23.40	/	23.12	23.9	/	<=30	Pass
		Inner_Full	23.74	24.31	/	24.14	24.81	/	<=30	Pass
		Inner_1RB_Left	22.84	24.20	/	23.24	24.7	/	<=30	Pass
		Inner_1RB_Right	22.94	24.05	/	23.34	24.55	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Left	21.14	22.71	/	21.54	23.21	/	<=30	Pass
		Edge_1RB_Right	21.01	21.66	/	21.41	22.16	/	<=30	Pass
		Outer_Full	22.10	23.11	/	22.50	23.61	/	<=30	Pass
		Inner_Full	21.87	22.97	/	22.27	23.47	/	<=30	Pass
		Inner_1RB_Left	22.14	23.58	/	22.54	24.08	/	<=30	Pass
		Inner_1RB_Right	22.00	22.70	/	22.40	23.2	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.07	22.27	/	21.47	22.77	/	<=30	Pass
		Edge_1RB_Right	21.54	21.74	/	21.94	22.24	/	<=30	Pass
		Outer_Full	21.94	22.85	/	22.34	23.35	/	<=30	Pass
		Inner_Full	21.90	22.97	/	22.30	23.47	/	<=30	Pass
		Inner_1RB_Left	22.11	23.18	/	22.51	23.68	/	<=30	Pass
		Inner_1RB_Right	22.50	22.66	/	22.90	23.16	/	<=30	Pass
	3519.99	Edge_1RB_Left	20.64	21.94	/	21.04	22.44	/	<=30	Pass
		Edge_1RB_Right	20.60	21.79	/	21.00	22.29	/	<=30	Pass
		Outer_Full	22.18	22.90	/	22.58	23.4	/	<=30	Pass
		Inner_Full	22.33	22.93	/	22.73	23.43	/	<=30	Pass
		Inner_1RB_Left	21.48	22.74	/	21.88	23.24	/	<=30	Pass
		Inner_1RB_Right	21.61	22.82	/	22.01	23.32	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB_Left	20.21	21.47	/	20.61	21.97	/	<=30	Pass
		Edge_1RB_Right	20.00	20.57	/	20.40	21.07	/	<=30	Pass
		Outer_Full	20.01	21.02	/	20.41	21.52	/	<=30	Pass
		Inner_Full	19.93	20.91	/	20.33	21.41	/	<=30	Pass
		Inner_1RB_Left	20.14	21.48	/	20.54	21.98	/	<=30	Pass
		Inner_1RB_Right	20.05	20.70	/	20.45	21.2	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.12	20.93	/	20.52	21.43	/	<=30	Pass
		Edge_1RB_Right	20.46	20.58	/	20.86	21.08	/	<=30	Pass
		Outer_Full	19.84	20.93	/	20.24	21.43	/	<=30	Pass
		Inner_Full	19.94	20.79	/	20.34	21.29	/	<=30	Pass
		Inner_1RB_Left	20.08	21.21	/	20.48	21.71	/	<=30	Pass
		Inner_1RB_Right	20.53	20.69	/	20.93	21.19	/	<=30	Pass
	3519.99	Edge_1RB_Left	19.57	20.83	/	19.97	21.33	/	<=30	Pass
		Edge_1RB_Right	19.68	20.59	/	20.08	21.09	/	<=30	Pass
		Outer_Full	20.28	20.98	/	20.68	21.48	/	<=30	Pass
		Inner_Full	20.19	20.89	/	20.59	21.39	/	<=30	Pass
		Inner_1RB_Left	19.52	20.77	/	19.92	21.27	/	<=30	Pass

		Inner 1RB Right	19.64	20.67	/	20.04	21.17	/	<=30	Pass
CP-OFDM QPSK	3480	Edge 1RB Left	21.35	22.66	/	21.75	23.16	/	<=30	Pass
		Edge 1RB Right	21.07	21.77	/	21.47	22.27	/	<=30	Pass
		Outer Full	21.55	22.57	/	21.95	23.07	/	<=30	Pass
		Inner Full	22.88	24.09	/	23.28	24.59	/	<=30	Pass
		Inner 1RB Left	23.37	24.57	/	23.77	25.07	/	<=30	Pass
		Inner 1RB Right	23.10	23.71	/	23.50	24.21	/	<=30	Pass
	3500.01	Edge 1RB Left	21.37	22.24	/	21.77	22.74	/	<=30	Pass
		Edge 1RB Right	21.63	21.81	/	22.03	22.31	/	<=30	Pass
		Outer Full	21.46	22.36	/	21.86	22.86	/	<=30	Pass
		Inner Full	22.81	23.84	/	23.21	24.34	/	<=30	Pass
		Inner 1RB Left	23.21	24.13	/	23.61	24.63	/	<=30	Pass
		Inner 1RB Right	23.45	23.83	/	23.85	24.33	/	<=30	Pass
	3519.99	Edge 1RB Left	20.57	21.85	/	20.97	22.35	/	<=30	Pass
		Edge 1RB Right	20.56	21.85	/	20.96	22.35	/	<=30	Pass
		Outer Full	21.70	22.38	/	22.10	22.88	/	<=30	Pass
		Inner Full	23.31	23.87	/	23.71	24.37	/	<=30	Pass
		Inner 1RB Left	22.49	23.86	/	22.89	24.36	/	<=30	Pass
		Inner 1RB Right	22.43	23.85	/	22.83	24.35	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge 1RB Left	21.02	22.56	/	21.42	23.06	/	<=30	Pass
		Edge 1RB Right	20.90	21.59	/	21.30	22.09	/	<=30	Pass
		Outer Full	21.56	22.54	/	21.96	23.04	/	<=30	Pass
		Inner Full	22.33	23.59	/	22.73	24.09	/	<=30	Pass
		Inner 1RB Left	22.56	23.93	/	22.96	24.43	/	<=30	Pass
		Inner 1RB Right	22.29	23.10	/	22.69	23.6	/	<=30	Pass
	3500.01	Edge 1RB Left	21.22	21.97	/	21.62	22.47	/	<=30	Pass
		Edge 1RB Right	21.31	21.50	/	21.71	22	/	<=30	Pass
		Outer Full	21.41	22.38	/	21.81	22.88	/	<=30	Pass
		Inner Full	22.32	23.46	/	22.72	23.96	/	<=30	Pass
		Inner 1RB Left	22.50	23.42	/	22.90	23.92	/	<=30	Pass
		Inner 1RB Right	22.81	23.06	/	23.21	23.56	/	<=30	Pass
	3519.99	Edge 1RB Left	20.20	21.75	/	20.60	22.25	/	<=30	Pass
		Edge 1RB Right	20.46	21.85	/	20.86	22.35	/	<=30	Pass
		Outer Full	21.74	22.35	/	22.14	22.85	/	<=30	Pass
		Inner Full	22.74	23.34	/	23.14	23.84	/	<=30	Pass
		Inner 1RB Left	21.81	23.32	/	22.21	23.82	/	<=30	Pass
		Inner 1RB Right	21.86	23.23	/	22.26	23.73	/	<=30	Pass
CP-OFDM 64 QAM	3480	Edge 1RB Left	21.16	22.78	/	21.56	23.28	/	<=30	Pass
		Edge 1RB Right	21.09	21.75	/	21.49	22.25	/	<=30	Pass
		Outer Full	21.06	22.05	/	21.46	22.55	/	<=30	Pass
		Inner Full	20.91	22.00	/	21.31	22.5	/	<=30	Pass
		Inner 1RB Left	21.19	22.66	/	21.59	23.16	/	<=30	Pass
		Inner 1RB Right	21.11	21.73	/	21.51	22.23	/	<=30	Pass
	3500.01	Edge 1RB Left	21.11	22.17	/	21.51	22.67	/	<=30	Pass
		Edge 1RB Right	21.45	21.68	/	21.85	22.18	/	<=30	Pass
		Outer Full	20.91	21.83	/	21.31	22.33	/	<=30	Pass
		Inner Full	20.88	21.82	/	21.28	22.32	/	<=30	Pass
		Inner 1RB Left	21.19	22.15	/	21.59	22.65	/	<=30	Pass
		Inner 1RB Right	21.46	21.77	/	21.86	22.27	/	<=30	Pass
	3519.99	Edge 1RB Left	20.38	21.90	/	20.78	22.4	/	<=30	Pass
		Edge 1RB Right	20.72	21.87	/	21.12	22.37	/	<=30	Pass
		Outer Full	21.16	21.88	/	21.56	22.38	/	<=30	Pass
		Inner Full	21.37	21.87	/	21.77	22.37	/	<=30	Pass
		Inner 1RB Left	20.41	22.02	/	20.81	22.52	/	<=30	Pass
		Inner 1RB Right	20.75	21.94	/	21.15	22.44	/	<=30	Pass
CP-OFDM 256 QAM	3480	Edge 1RB Left	18.14	19.59	/	18.54	20.09	/	<=30	Pass
		Edge 1RB Right	18.18	18.69	/	18.58	19.19	/	<=30	Pass
		Outer Full	17.99	19.04	/	18.39	19.54	/	<=30	Pass
		Inner Full	17.86	18.88	/	18.26	19.38	/	<=30	Pass

		Inner_1RB_Left	18.35	19.62	/	18.75	20.12	/	<=30	Pass
		Inner_1RB_Right	18.04	18.67	/	18.44	19.17	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.09	19.15	/	18.49	19.65	/	<=30	Pass
		Edge_1RB_Right	18.55	18.76	/	18.95	19.26	/	<=30	Pass
		Outer_Full	18.00	18.92	/	18.40	19.42	/	<=30	Pass
		Inner_Full	17.86	18.84	/	18.26	19.34	/	<=30	Pass
		Inner_1RB_Left	18.18	19.14	/	18.58	19.64	/	<=30	Pass
		Inner_1RB_Right	18.49	18.75	/	18.89	19.25	/	<=30	Pass
	3519.99	Edge_1RB_Left	17.58	18.80	/	17.98	19.3	/	<=30	Pass
		Edge_1RB_Right	17.72	18.76	/	18.12	19.26	/	<=30	Pass
		Outer_Full	18.15	18.95	/	18.55	19.45	/	<=30	Pass
		Inner_Full	18.26	18.85	/	18.66	19.35	/	<=30	Pass
		Inner_1RB_Left	17.45	18.94	/	17.85	19.44	/	<=30	Pass
		Inner_1RB_Right	17.64	18.92	/	18.04	19.42	/	<=30	Pass
Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

5G NR n78e SCS=30kHz MIMO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3480	Edge 1RB Left	18.40	19.61	22.05	18.80	20.11	22.51	<=30	Pass
		Edge 1RB Right	18.28	20.02	22.25	18.68	20.52	22.71	<=30	Pass
		Outer Full	18.65	20.32	22.58	19.05	20.82	23.03	<=30	Pass
		Inner Full	19.85	21.90	24.00	20.25	22.40	24.47	<=30	Pass
		Inner 1RB Left	20.49	21.52	24.05	20.89	22.02	24.50	<=30	Pass
		Inner 1RB Right	20.38	21.98	24.26	20.78	22.48	24.72	<=30	Pass
	3500.01	Edge 1RB Left	18.39	19.85	22.19	18.79	20.35	22.65	<=30	Pass
		Edge 1RB Right	18.69	19.99	22.40	19.09	20.49	22.86	<=30	Pass
		Outer Full	18.64	20.48	22.67	19.04	20.98	23.13	<=30	Pass
		Inner Full	19.93	21.94	24.06	20.33	22.44	24.52	<=30	Pass
		Inner 1RB Left	20.23	21.67	24.02	20.63	22.17	24.48	<=30	Pass
		Inner 1RB Right	20.66	21.95	24.37	21.06	22.45	24.82	<=30	Pass
	3519.99	Edge 1RB Left	17.67	19.87	21.92	18.07	20.37	22.38	<=30	Pass
		Edge 1RB Right	17.88	19.86	21.99	18.28	20.36	22.45	<=30	Pass
		Outer Full	18.91	20.41	22.73	19.31	20.91	23.19	<=30	Pass
		Inner Full	20.48	21.99	24.31	20.88	22.49	24.77	<=30	Pass
		Inner 1RB Left	19.64	21.89	23.92	20.04	22.39	24.38	<=30	Pass
		Inner 1RB Right	19.88	21.90	24.02	20.28	22.40	24.48	<=30	Pass
CP-OFDM 16 QAM	3480	Edge 1RB Left	18.19	19.61	21.97	18.59	20.11	22.43	<=30	Pass
		Edge 1RB Right	18.25	20.24	22.37	18.65	20.74	22.83	<=30	Pass
		Outer Full	18.61	20.26	22.52	19.01	20.76	22.98	<=30	Pass
		Inner Full	19.36	21.26	23.43	19.76	21.76	23.88	<=30	Pass
		Inner 1RB Left	19.76	21.12	23.50	20.16	21.62	23.96	<=30	Pass
		Inner 1RB Right	19.78	21.67	23.84	20.18	22.17	24.30	<=30	Pass
	3500.01	Edge 1RB Left	18.32	19.59	22.01	18.72	20.09	22.47	<=30	Pass
		Edge 1RB Right	18.68	19.80	22.29	19.08	20.30	22.74	<=30	Pass
		Outer Full	18.48	20.56	22.66	18.88	21.06	23.12	<=30	Pass
		Inner Full	19.42	21.49	23.59	19.82	21.99	24.05	<=30	Pass
		Inner 1RB Left	19.82	21.20	23.57	20.22	21.70	24.03	<=30	Pass
		Inner 1RB Right	20.23	21.51	23.93	20.63	22.01	24.38	<=30	Pass
	3519.99	Edge 1RB Left	17.55	19.88	21.88	17.95	20.38	22.34	<=30	Pass
		Edge 1RB Right	13.25	15.32	17.42	13.65	15.82	17.88	<=30	Pass
		Outer Full	18.96	20.49	22.80	19.36	20.99	23.26	<=30	Pass
		Inner Full	20.00	21.56	23.86	20.40	22.06	24.32	<=30	Pass
		Inner 1RB Left	19.38	21.38	23.50	19.78	21.88	23.97	<=30	Pass
		Inner 1RB Right	19.42	21.40	23.53	19.82	21.90	23.99	<=30	Pass
CP-OFDM 64 QAM	3480	Edge 1RB Left	18.22	19.37	21.84	18.62	19.87	22.30	<=30	Pass
		Edge 1RB Right	18.22	19.95	22.18	18.62	20.45	22.64	<=30	Pass

		Outer_Full	18.08	19.80	22.04	18.48	20.30	22.49	<=30	Pass
		Inner_Full	17.87	19.79	21.95	18.27	20.29	22.41	<=30	Pass
		Inner_1RB_Left	18.24	19.46	21.90	18.64	19.96	22.36	<=30	Pass
		Inner_1RB_Right	18.28	20.01	22.24	18.68	20.51	22.70	<=30	Pass
	3500.01	Edge_1RB_Left	18.20	19.73	22.05	18.60	20.23	22.50	<=30	Pass
		Edge_1RB_Right	18.60	19.90	22.31	19.00	20.40	22.77	<=30	Pass
		Outer_Full	17.94	20.04	22.13	18.34	20.54	22.59	<=30	Pass
		Inner_Full	17.90	20.01	22.09	18.30	20.51	22.55	<=30	Pass
	3519.99	Inner_1RB_Left	18.10	19.80	22.04	18.50	20.30	22.50	<=30	Pass
		Inner_1RB_Right	18.59	20.00	22.36	18.99	20.50	22.82	<=30	Pass
		Edge_1RB_Left	17.57	19.92	21.91	17.97	20.42	22.38	<=30	Pass
		Edge_1RB_Right	17.63	19.89	21.92	18.03	20.39	22.38	<=30	Pass
		Outer_Full	18.33	19.99	22.25	18.73	20.49	22.71	<=30	Pass
		Inner_Full	18.52	20.05	22.36	18.92	20.55	22.82	<=30	Pass
		Inner_1RB_Left	17.59	19.92	21.92	17.99	20.42	22.38	<=30	Pass
		Inner_1RB_Right	17.61	19.92	21.93	18.01	20.42	22.39	<=30	Pass

CP-OFDM 256 QAM	3480	Edge_1RB_Left	15.41	16.47	18.98	15.81	16.97	19.44	<=30	Pass
		Edge_1RB_Right	15.40	16.94	19.25	15.80	17.44	19.71	<=30	Pass
		Outer_Full	15.11	16.77	19.03	15.51	17.27	19.49	<=30	Pass
		Inner_Full	14.86	16.81	18.95	15.26	17.31	19.42	<=30	Pass
		Inner_1RB_Left	15.34	16.37	18.90	15.74	16.87	19.35	<=30	Pass
		Inner_1RB_Right	15.41	16.97	19.27	15.81	17.47	19.73	<=30	Pass
	3500.01	Edge_1RB_Left	15.24	16.97	19.20	15.64	17.47	19.66	<=30	Pass
		Edge_1RB_Right	15.56	17.04	19.38	15.96	17.54	19.83	<=30	Pass
		Outer_Full	14.90	17.17	19.19	15.30	17.67	19.66	<=30	Pass
		Inner_Full	14.90	16.99	19.08	15.30	17.49	19.54	<=30	Pass
		Inner_1RB_Left	15.31	16.82	19.14	15.71	17.32	19.60	<=30	Pass
		Inner_1RB_Right	15.63	17.11	19.44	16.03	17.61	19.90	<=30	Pass
	3519.99	Edge_1RB_Left	14.84	16.93	19.02	15.24	17.43	19.48	<=30	Pass
		Edge_1RB_Right	14.90	16.84	18.99	15.30	17.34	19.45	<=30	Pass
		Outer_Full	15.47	17.00	19.31	15.87	17.50	19.77	<=30	Pass
		Inner_Full	15.49	17.03	19.33	15.89	17.53	19.80	<=30	Pass
Inner_1RB_Left		14.89	16.79	18.95	15.29	17.29	19.41	<=30	Pass	
Inner_1RB_Right		14.96	16.82	19.00	15.36	17.32	19.46	<=30	Pass	

Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi;
Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2

1.6 30k_70MHz_NTNV_EIRP

1.6.1 Test Result

5G NR n78e SCS=30kHz SISO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3485.01	Edge_1RB_Left	21.06	22.53	/	21.46	23.03	/	<=30	Pass
		Edge_1RB_Right	20.76	21.51	/	21.16	22.01	/	<=30	Pass
		Outer_Full	23.90	24.87	/	24.30	25.37	/	<=30	Pass
		Inner_Full	24.09	25.26	/	24.49	25.76	/	<=30	Pass
		Inner_1RB_Left	24.58	26.02	/	24.98	26.52	/	<=30	Pass
		Inner_1RB_Right	24.38	24.96	/	24.78	25.46	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.25	22.13	/	21.65	22.63	/	<=30	Pass
		Edge_1RB_Right	21.42	21.40	/	21.82	21.9	/	<=30	Pass
		Outer_Full	23.85	24.68	/	24.25	25.18	/	<=30	Pass
		Inner_Full	24.14	25.04	/	24.54	25.54	/	<=30	Pass

		Inner_1RB_Left	24.83	25.70	/	25.23	26.2	/	<=30	Pass
		Inner_1RB_Right	24.82	24.90	/	25.22	25.4	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.34	21.86	/	20.74	22.36	/	<=30	Pass
		Edge_1RB_Right	20.51	21.69	/	20.91	22.19	/	<=30	Pass
		Outer_Full	23.99	24.65	/	24.39	25.15	/	<=30	Pass
		Inner_Full	24.54	25.17	/	24.94	25.67	/	<=30	Pass
		Inner_1RB_Left	23.83	25.37	/	24.23	25.87	/	<=30	Pass
		Inner_1RB_Right	24.01	25.08	/	24.41	25.58	/	<=30	Pass
DFT-s-OFDM QPSK	3485.01	Edge_1RB_Left	20.96	22.55	/	21.36	23.05	/	<=30	Pass
		Edge_1RB_Right	20.70	21.34	/	21.10	21.84	/	<=30	Pass
		Outer_Full	23.33	24.39	/	23.73	24.89	/	<=30	Pass
		Inner_Full	24.07	25.22	/	24.47	25.72	/	<=30	Pass
		Inner_1RB_Left	24.54	25.90	/	24.94	26.4	/	<=30	Pass
		Inner_1RB_Right	24.23	24.96	/	24.63	25.46	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.32	22.15	/	21.72	22.65	/	<=30	Pass
		Edge_1RB_Right	21.31	21.36	/	21.71	21.86	/	<=30	Pass
		Outer_Full	23.28	24.15	/	23.68	24.65	/	<=30	Pass
		Inner_Full	24.13	25.09	/	24.53	25.59	/	<=30	Pass
		Inner_1RB_Left	24.68	25.67	/	25.08	26.17	/	<=30	Pass
		Inner_1RB_Right	24.91	24.94	/	25.31	25.44	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.40	21.86	/	20.80	22.36	/	<=30	Pass
		Edge_1RB_Right	20.50	21.59	/	20.90	22.09	/	<=30	Pass
		Outer_Full	23.48	24.19	/	23.88	24.69	/	<=30	Pass
		Inner_Full	24.62	25.09	/	25.02	25.59	/	<=30	Pass
		Inner_1RB_Left	23.85	25.27	/	24.25	25.77	/	<=30	Pass
		Inner_1RB_Right	24.03	25.07	/	24.43	25.57	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Edge_1RB_Left	20.87	22.46	/	21.27	22.96	/	<=30	Pass
		Edge_1RB_Right	20.67	21.29	/	21.07	21.79	/	<=30	Pass
		Outer_Full	22.37	23.38	/	22.77	23.88	/	<=30	Pass
		Inner_Full	23.09	24.20	/	23.49	24.7	/	<=30	Pass
		Inner_1RB_Left	23.33	24.88	/	23.73	25.38	/	<=30	Pass
		Inner_1RB_Right	23.01	23.86	/	23.41	24.36	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.22	22.09	/	21.62	22.59	/	<=30	Pass
		Edge_1RB_Right	21.29	21.48	/	21.69	21.98	/	<=30	Pass
		Outer_Full	22.28	23.26	/	22.68	23.76	/	<=30	Pass
		Inner_Full	23.09	24.10	/	23.49	24.6	/	<=30	Pass
		Inner_1RB_Left	23.62	24.44	/	24.02	24.94	/	<=30	Pass
		Inner_1RB_Right	23.75	23.82	/	24.15	24.32	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.26	21.64	/	20.66	22.14	/	<=30	Pass
		Edge_1RB_Right	20.48	21.47	/	20.88	21.97	/	<=30	Pass
		Outer_Full	22.54	23.09	/	22.94	23.59	/	<=30	Pass
		Inner_Full	23.53	24.18	/	23.93	24.68	/	<=30	Pass
		Inner_1RB_Left	22.83	24.23	/	23.23	24.73	/	<=30	Pass
		Inner_1RB_Right	22.90	23.77	/	23.30	24.27	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	21.10	22.51	/	21.50	23.01	/	<=30	Pass
		Edge_1RB_Right	20.97	21.51	/	21.37	22.01	/	<=30	Pass
		Outer_Full	21.88	22.86	/	22.28	23.36	/	<=30	Pass
		Inner_Full	21.56	22.77	/	21.96	23.27	/	<=30	Pass
		Inner_1RB_Left	22.05	23.67	/	22.45	24.17	/	<=30	Pass
		Inner_1RB_Right	21.79	22.42	/	22.19	22.92	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.34	22.24	/	21.74	22.74	/	<=30	Pass
		Edge_1RB_Right	21.49	21.58	/	21.89	22.08	/	<=30	Pass
		Outer_Full	21.82	22.74	/	22.22	23.24	/	<=30	Pass
		Inner_Full	21.66	22.52	/	22.06	23.02	/	<=30	Pass
		Inner_1RB_Left	22.20	22.96	/	22.60	23.46	/	<=30	Pass
		Inner_1RB_Right	22.41	22.57	/	22.81	23.07	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.37	21.97	/	20.77	22.47	/	<=30	Pass
		Edge_1RB_Right	20.55	21.57	/	20.95	22.07	/	<=30	Pass
		Outer_Full	21.96	22.84	/	22.36	23.34	/	<=30	Pass

		Inner_Full	22.08	22.72	/	22.48	23.22	/	<=30	Pass
		Inner_1RB_Left	21.37	22.68	/	21.77	23.18	/	<=30	Pass
		Inner_1RB_Right	21.49	22.63	/	21.89	23.13	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	19.94	21.51	/	20.34	22.01	/	<=30	Pass
		Edge_1RB_Right	20.00	20.48	/	20.40	20.98	/	<=30	Pass
		Outer_Full	19.75	20.87	/	20.15	21.37	/	<=30	Pass
		Inner_Full	19.55	20.72	/	19.95	21.22	/	<=30	Pass
		Inner_1RB_Left	20.10	21.44	/	20.50	21.94	/	<=30	Pass
		Inner_1RB_Right	19.82	20.41	/	20.22	20.91	/	<=30	Pass
		Edge_1RB_Left	20.31	21.24	/	20.71	21.74	/	<=30	Pass
		Edge_1RB_Right	20.49	20.50	/	20.89	21	/	<=30	Pass
	3500.01	Outer_Full	19.91	20.75	/	20.31	21.25	/	<=30	Pass
		Inner_Full	19.73	20.65	/	20.13	21.15	/	<=30	Pass
		Inner_1RB_Left	20.25	21.06	/	20.65	21.56	/	<=30	Pass
		Inner_1RB_Right	20.46	20.39	/	20.86	20.89	/	<=30	Pass
		Edge_1RB_Left	19.43	20.85	/	19.83	21.35	/	<=30	Pass
		Edge_1RB_Right	19.43	20.61	/	19.83	21.11	/	<=30	Pass
	3514.98	Outer_Full	20.00	20.66	/	20.40	21.16	/	<=30	Pass
		Inner_Full	20.07	20.67	/	20.47	21.17	/	<=30	Pass
		Inner_1RB_Left	19.31	20.79	/	19.71	21.29	/	<=30	Pass
		Inner_1RB_Right	19.51	20.54	/	19.91	21.04	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	21.04	22.46	/	21.44	22.96	/	<=30	Pass
		Edge_1RB_Right	20.81	21.43	/	21.21	21.93	/	<=30	Pass
		Outer_Full	21.27	22.37	/	21.67	22.87	/	<=30	Pass
		Inner_Full	22.62	23.82	/	23.02	24.32	/	<=30	Pass
		Inner_1RB_Left	23.04	24.44	/	23.44	24.94	/	<=30	Pass
		Inner_1RB_Right	22.92	23.33	/	23.32	23.83	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.39	22.19	/	21.79	22.69	/	<=30	Pass
		Edge_1RB_Right	21.43	21.62	/	21.83	22.12	/	<=30	Pass
		Outer_Full	21.29	22.25	/	21.69	22.75	/	<=30	Pass
		Inner_Full	22.67	23.72	/	23.07	24.22	/	<=30	Pass
		Inner_1RB_Left	23.33	24.18	/	23.73	24.68	/	<=30	Pass
		Inner_1RB_Right	23.36	23.54	/	23.76	24.04	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.39	21.76	/	20.79	22.26	/	<=30	Pass
		Edge_1RB_Right	20.61	21.55	/	21.01	22.05	/	<=30	Pass
		Outer_Full	21.39	22.14	/	21.79	22.64	/	<=30	Pass
		Inner_Full	23.20	23.76	/	23.60	24.26	/	<=30	Pass
		Inner_1RB_Left	22.31	23.76	/	22.71	24.26	/	<=30	Pass
		Inner_1RB_Right	22.75	23.32	/	23.15	23.82	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge_1RB_Left	20.89	22.36	/	21.29	22.86	/	<=30	Pass
		Edge_1RB_Right	20.84	21.35	/	21.24	21.85	/	<=30	Pass
		Outer_Full	21.38	22.30	/	21.78	22.8	/	<=30	Pass
		Inner_Full	22.12	23.21	/	22.52	23.71	/	<=30	Pass
		Inner_1RB_Left	22.49	23.84	/	22.89	24.34	/	<=30	Pass
		Inner_1RB_Right	22.14	22.74	/	22.54	23.24	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.14	22.02	/	21.54	22.52	/	<=30	Pass
		Edge_1RB_Right	21.22	21.39	/	21.62	21.89	/	<=30	Pass
		Outer_Full	21.36	22.16	/	21.76	22.66	/	<=30	Pass
		Inner_Full	22.21	23.07	/	22.61	23.57	/	<=30	Pass
		Inner_1RB_Left	22.74	23.34	/	23.14	23.84	/	<=30	Pass
		Inner_1RB_Right	22.89	22.76	/	23.29	23.26	/	<=30	Pass
	3514.98	Edge_1RB_Left	20.24	21.62	/	20.64	22.12	/	<=30	Pass
		Edge_1RB_Right	20.51	21.53	/	20.91	22.03	/	<=30	Pass
		Outer_Full	21.41	22.23	/	21.81	22.73	/	<=30	Pass
		Inner_Full	22.69	23.22	/	23.09	23.72	/	<=30	Pass
		Inner_1RB_Left	21.79	23.16	/	22.19	23.66	/	<=30	Pass
		Inner_1RB_Right	21.88	22.79	/	22.28	23.29	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	21.01	22.59	/	21.41	23.09	/	<=30	Pass
		Edge_1RB_Right	20.93	21.53	/	21.33	22.03	/	<=30	Pass

		Outer_Full	20.91	21.86	/	21.31	22.36	/	<=30	Pass	
		Inner_Full	20.69	21.78	/	21.09	22.28	/	<=30	Pass	
		Inner_1RB_Left	21.03	22.64	/	21.43	23.14	/	<=30	Pass	
		Inner_1RB_Right	20.81	21.59	/	21.21	22.09	/	<=30	Pass	
	3500.01	Edge_1RB_Left	21.26	22.06	/	21.66	22.56	/	<=30	Pass	
		Edge_1RB_Right	21.42	21.58	/	21.82	22.08	/	<=30	Pass	
		Outer_Full	20.90	21.69	/	21.30	22.19	/	<=30	Pass	
		Inner_Full	20.72	21.66	/	21.12	22.16	/	<=30	Pass	
		Inner_1RB_Left	21.19	22.05	/	21.59	22.55	/	<=30	Pass	
		Inner_1RB_Right	21.42	21.62	/	21.82	22.12	/	<=30	Pass	
		3514.98	Edge_1RB_Left	20.39	21.76	/	20.79	22.26	/	<=30	Pass
			Edge_1RB_Right	20.61	21.67	/	21.01	22.17	/	<=30	Pass
	Outer_Full		20.93	21.66	/	21.33	22.16	/	<=30	Pass	
	Inner_Full		21.18	21.74	/	21.58	22.24	/	<=30	Pass	
	Inner_1RB_Left		20.44	21.89	/	20.84	22.39	/	<=30	Pass	
	Inner_1RB_Right		20.55	21.68	/	20.95	22.18	/	<=30	Pass	
CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	18.07	19.47	/	18.47	19.97	/	<=30	Pass	
		Edge_1RB_Right	17.84	18.55	/	18.24	19.05	/	<=30	Pass	
		Outer_Full	17.83	18.86	/	18.23	19.36	/	<=30	Pass	
		Inner_Full	17.60	18.76	/	18.00	19.26	/	<=30	Pass	
		Inner_1RB_Left	18.06	19.50	/	18.46	20	/	<=30	Pass	
		Inner_1RB_Right	17.86	18.46	/	18.26	18.96	/	<=30	Pass	
	3500.01	Edge_1RB_Left	18.35	19.15	/	18.75	19.65	/	<=30	Pass	
		Edge_1RB_Right	18.46	18.44	/	18.86	18.94	/	<=30	Pass	
		Outer_Full	17.88	18.71	/	18.28	19.21	/	<=30	Pass	
		Inner_Full	17.63	18.70	/	18.03	19.2	/	<=30	Pass	
		Inner_1RB_Left	18.46	19.07	/	18.86	19.57	/	<=30	Pass	
		Inner_1RB_Right	18.32	18.54	/	18.72	19.04	/	<=30	Pass	
	3514.98	Edge_1RB_Left	17.57	18.88	/	17.97	19.38	/	<=30	Pass	
		Edge_1RB_Right	17.65	18.51	/	18.05	19.01	/	<=30	Pass	
		Outer_Full	17.97	18.69	/	18.37	19.19	/	<=30	Pass	
		Inner_Full	18.19	18.67	/	18.59	19.17	/	<=30	Pass	
		Inner_1RB_Left	17.31	18.90	/	17.71	19.4	/	<=30	Pass	
		Inner_1RB_Right	17.59	18.69	/	17.99	19.19	/	<=30	Pass	
Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain											

5G NR n78e SCS=30kHz MIMO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3485.01	Edge 1RB Left	18.18	19.46	21.88	18.58	19.96	22.33	<=30	Pass
		Edge 1RB Right	18.01	19.94	22.09	18.41	20.44	22.55	<=30	Pass
		Outer Full	18.40	20.17	22.39	18.80	20.67	22.85	<=30	Pass
		Inner Full	19.64	21.67	23.79	20.04	22.17	24.24	<=30	Pass
		Inner 1RB Left	20.17	21.49	23.89	20.57	21.99	24.35	<=30	Pass
		Inner 1RB Right	20.08	21.85	24.07	20.48	22.35	24.53	<=30	Pass
	3500.01	Edge 1RB Left	18.45	19.44	21.99	18.85	19.94	22.44	<=30	Pass
		Edge 1RB Right	18.72	19.61	22.20	19.12	20.11	22.65	<=30	Pass
		Outer Full	18.52	20.29	22.51	18.92	20.79	22.97	<=30	Pass
		Inner Full	19.92	21.83	23.99	20.32	22.33	24.45	<=30	Pass
		Inner 1RB Left	20.39	21.48	23.98	20.79	21.98	24.44	<=30	Pass
		Inner 1RB Right	20.59	21.59	24.13	20.99	22.09	24.59	<=30	Pass
	3514.98	Edge 1RB Left	17.34	20.00	21.88	17.74	20.50	22.35	<=30	Pass
		Edge 1RB Right	17.67	19.77	21.85	18.07	20.27	22.32	<=30	Pass
		Outer Full	18.62	20.41	22.62	19.02	20.91	23.08	<=30	Pass
		Inner Full	20.32	21.94	24.22	20.72	22.44	24.67	<=30	Pass
		Inner 1RB Left	19.31	21.80	23.74	19.71	22.30	24.21	<=30	Pass
		Inner 1RB Right	19.69	21.84	23.91	20.09	22.34	24.37	<=30	Pass

Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi;
 Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2

1.7 30k_80MHz_NTNV_EIRP

1.7.1 Test Result

5G NR n78e SCS=30kHz SISO 80MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3490.02	Edge_1RB_Left	21.03	22.44	/	21.43	22.94	/	<=30	Pass
		Edge_1RB_Right	21.27	21.46	/	21.67	21.96	/	<=30	Pass
		Outer_Full	23.92	24.78	/	24.32	25.28	/	<=30	Pass
		Inner_Full	24.07	25.26	/	24.47	25.76	/	<=30	Pass
		Inner_1RB_Left	24.58	26.00	/	24.98	26.5	/	<=30	Pass
		Inner_1RB_Right	24.75	25.02	/	25.15	25.52	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.25	22.31	/	21.65	22.81	/	<=30	Pass
		Edge_1RB_Right	21.18	21.47	/	21.58	21.97	/	<=30	Pass
		Outer_Full	23.89	24.76	/	24.29	25.26	/	<=30	Pass
		Inner_Full	24.15	25.09	/	24.55	25.59	/	<=30	Pass
		Inner_1RB_Left	24.95	25.80	/	25.35	26.3	/	<=30	Pass
		Inner_1RB_Right	24.72	24.90	/	25.12	25.4	/	<=30	Pass
	3510	Edge_1RB_Left	21.02	21.87	/	21.42	22.37	/	<=30	Pass
		Edge_1RB_Right	20.54	21.54	/	20.94	22.04	/	<=30	Pass
		Outer_Full	23.89	24.70	/	24.29	25.2	/	<=30	Pass
		Inner_Full	24.44	25.29	/	24.84	25.79	/	<=30	Pass
		Inner_1RB_Left	24.49	25.43	/	24.89	25.93	/	<=30	Pass
		Inner_1RB_Right	23.99	25.06	/	24.39	25.56	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge_1RB_Left	20.98	22.46	/	21.38	22.96	/	<=30	Pass
		Edge_1RB_Right	21.23	21.49	/	21.63	21.99	/	<=30	Pass
		Outer_Full	23.44	24.29	/	23.84	24.79	/	<=30	Pass
		Inner_Full	24.17	25.26	/	24.57	25.76	/	<=30	Pass
		Inner_1RB_Left	24.51	25.94	/	24.91	26.44	/	<=30	Pass
		Inner_1RB_Right	24.79	25.02	/	25.19	25.52	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.31	22.19	/	21.71	22.69	/	<=30	Pass
		Edge_1RB_Right	21.16	21.38	/	21.56	21.88	/	<=30	Pass
		Outer_Full	23.37	24.21	/	23.77	24.71	/	<=30	Pass
		Inner_Full	24.16	25.11	/	24.56	25.61	/	<=30	Pass
		Inner_1RB_Left	24.81	25.73	/	25.21	26.23	/	<=30	Pass
		Inner_1RB_Right	24.71	24.75	/	25.11	25.25	/	<=30	Pass
	3510	Edge_1RB_Left	21.03	21.90	/	21.43	22.4	/	<=30	Pass
		Edge_1RB_Right	20.44	21.59	/	20.84	22.09	/	<=30	Pass
		Outer_Full	23.38	24.07	/	23.78	24.57	/	<=30	Pass
		Inner_Full	24.45	25.24	/	24.85	25.74	/	<=30	Pass
		Inner_1RB_Left	24.36	25.35	/	24.76	25.85	/	<=30	Pass
		Inner_1RB_Right	23.88	25.04	/	24.28	25.54	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge_1RB_Left	20.87	22.36	/	21.27	22.86	/	<=30	Pass
		Edge_1RB_Right	21.15	21.46	/	21.55	21.96	/	<=30	Pass
		Outer_Full	22.42	23.26	/	22.82	23.76	/	<=30	Pass
		Inner_Full	23.20	24.10	/	23.60	24.6	/	<=30	Pass
		Inner_1RB_Left	23.27	24.85	/	23.67	25.35	/	<=30	Pass
		Inner_1RB_Right	23.62	23.77	/	24.02	24.27	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.13	22.16	/	21.53	22.66	/	<=30	Pass
		Edge_1RB_Right	21.05	21.39	/	21.45	21.89	/	<=30	Pass
		Outer_Full	22.39	23.23	/	22.79	23.73	/	<=30	Pass
		Inner_Full	23.15	24.19	/	23.55	24.69	/	<=30	Pass
		Inner_1RB_Left	23.70	24.52	/	24.10	25.02	/	<=30	Pass
		Inner_1RB_Right	23.47	23.66	/	23.87	24.16	/	<=30	Pass
	3510	Edge_1RB_Left	20.81	21.94	/	21.21	22.44	/	<=30	Pass

		Edge 1RB Right	20.33	21.41	/	20.73	21.91	/	<=30	Pass
		Outer Full	22.40	23.14	/	22.80	23.64	/	<=30	Pass
		Inner Full	23.45	24.23	/	23.85	24.73	/	<=30	Pass
		Inner 1RB Left	23.31	24.30	/	23.71	24.8	/	<=30	Pass
		Inner 1RB Right	22.81	23.71	/	23.21	24.21	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge 1RB Left	21.03	22.52	/	21.43	23.02	/	<=30	Pass
		Edge 1RB Right	21.38	21.57	/	21.78	22.07	/	<=30	Pass
		Outer Full	21.94	22.77	/	22.34	23.27	/	<=30	Pass
		Inner Full	21.73	22.71	/	22.13	23.21	/	<=30	Pass
		Inner 1RB Left	22.05	23.48	/	22.45	23.98	/	<=30	Pass
		Inner 1RB Right	22.42	22.53	/	22.82	23.03	/	<=30	Pass
	3500.01	Edge 1RB Left	21.35	22.31	/	21.75	22.81	/	<=30	Pass
		Edge 1RB Right	21.25	21.53	/	21.65	22.03	/	<=30	Pass
		Outer Full	21.96	22.87	/	22.36	23.37	/	<=30	Pass
		Inner Full	21.67	22.71	/	22.07	23.21	/	<=30	Pass
		Inner 1RB Left	22.37	23.34	/	22.77	23.84	/	<=30	Pass
		Inner 1RB Right	22.24	22.57	/	22.64	23.07	/	<=30	Pass
	3510	Edge 1RB Left	20.93	22.04	/	21.33	22.54	/	<=30	Pass
		Edge 1RB Right	20.41	21.60	/	20.81	22.1	/	<=30	Pass
		Outer Full	22.00	22.87	/	22.40	23.37	/	<=30	Pass
		Inner Full	21.97	22.71	/	22.37	23.21	/	<=30	Pass
		Inner 1RB Left	21.90	22.98	/	22.30	23.48	/	<=30	Pass
		Inner 1RB Right	21.54	22.39	/	21.94	22.89	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge 1RB Left	20.04	21.40	/	20.44	21.9	/	<=30	Pass
		Edge 1RB Right	20.23	20.40	/	20.63	20.9	/	<=30	Pass
		Outer Full	19.90	20.80	/	20.30	21.3	/	<=30	Pass
		Inner Full	19.58	20.81	/	19.98	21.31	/	<=30	Pass
		Inner 1RB Left	19.99	21.58	/	20.39	22.08	/	<=30	Pass
		Inner 1RB Right	20.31	20.43	/	20.71	20.93	/	<=30	Pass
	3500.01	Edge 1RB Left	20.30	21.40	/	20.70	21.9	/	<=30	Pass
		Edge 1RB Right	20.24	20.39	/	20.64	20.89	/	<=30	Pass
		Outer Full	20.00	20.70	/	20.40	21.2	/	<=30	Pass
		Inner Full	19.65	20.68	/	20.05	21.18	/	<=30	Pass
		Inner 1RB Left	20.37	21.20	/	20.77	21.7	/	<=30	Pass
		Inner 1RB Right	20.32	20.48	/	20.72	20.98	/	<=30	Pass
	3510	Edge 1RB Left	19.96	20.94	/	20.36	21.44	/	<=30	Pass
		Edge 1RB Right	19.37	20.60	/	19.77	21.1	/	<=30	Pass
		Outer Full	19.88	20.57	/	20.28	21.07	/	<=30	Pass
		Inner Full	20.09	20.73	/	20.49	21.23	/	<=30	Pass
		Inner 1RB Left	19.89	20.99	/	20.29	21.49	/	<=30	Pass
		Inner 1RB Right	19.54	20.45	/	19.94	20.95	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge 1RB Left	21.15	22.57	/	21.55	23.07	/	<=30	Pass
		Edge 1RB Right	21.39	21.48	/	21.79	21.98	/	<=30	Pass
		Outer Full	21.53	22.36	/	21.93	22.86	/	<=30	Pass
		Inner Full	22.71	23.74	/	23.11	24.24	/	<=30	Pass
		Inner 1RB Left	23.25	24.57	/	23.65	25.07	/	<=30	Pass
		Inner 1RB Right	23.36	23.47	/	23.76	23.97	/	<=30	Pass
	3500.01	Edge 1RB Left	21.40	22.42	/	21.80	22.92	/	<=30	Pass
		Edge 1RB Right	21.24	21.50	/	21.64	22	/	<=30	Pass
		Outer Full	21.30	22.18	/	21.70	22.68	/	<=30	Pass
		Inner Full	22.69	23.45	/	23.09	23.95	/	<=30	Pass
		Inner 1RB Left	23.30	24.00	/	23.70	24.5	/	<=30	Pass
		Inner 1RB Right	23.14	23.52	/	23.54	24.02	/	<=30	Pass
	3510	Edge 1RB Left	21.08	22.00	/	21.48	22.5	/	<=30	Pass
		Edge 1RB Right	20.55	21.55	/	20.95	22.05	/	<=30	Pass
		Outer Full	21.37	22.12	/	21.77	22.62	/	<=30	Pass
		Inner Full	22.95	23.61	/	23.35	24.11	/	<=30	Pass
		Inner 1RB Left	22.90	23.96	/	23.30	24.46	/	<=30	Pass
		Inner 1RB Right	22.45	23.55	/	22.85	24.05	/	<=30	Pass

CP-OFDM 16 QAM	3490.02	Edge_1RB_Left	20.84	22.36	/	21.24	22.86	/	<=30	Pass
		Edge_1RB_Right	21.22	21.42	/	21.62	21.92	/	<=30	Pass
		Outer_Full	21.46	22.35	/	21.86	22.85	/	<=30	Pass
		Inner_Full	22.19	23.15	/	22.59	23.65	/	<=30	Pass
		Inner_1RB_Left	22.44	23.90	/	22.84	24.4	/	<=30	Pass
		Inner_1RB_Right	22.62	22.83	/	23.02	23.33	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.21	22.13	/	21.61	22.63	/	<=30	Pass
		Edge_1RB_Right	21.02	21.32	/	21.42	21.82	/	<=30	Pass
		Outer_Full	21.41	22.18	/	21.81	22.68	/	<=30	Pass
		Inner_Full	22.16	23.19	/	22.56	23.69	/	<=30	Pass
		Inner_1RB_Left	22.77	23.57	/	23.17	24.07	/	<=30	Pass
		Inner_1RB_Right	22.50	22.53	/	22.90	23.03	/	<=30	Pass
	3510	Edge_1RB_Left	20.78	21.84	/	21.18	22.34	/	<=30	Pass
		Edge_1RB_Right	20.33	21.55	/	20.73	22.05	/	<=30	Pass
		Outer_Full	21.31	22.12	/	21.71	22.62	/	<=30	Pass
		Inner_Full	22.33	23.26	/	22.73	23.76	/	<=30	Pass
		Inner_1RB_Left	22.27	23.29	/	22.67	23.79	/	<=30	Pass
		Inner_1RB_Right	21.88	22.85	/	22.28	23.35	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	21.01	22.55	/	21.41	23.05	/	<=30	Pass
		Edge_1RB_Right	21.39	21.50	/	21.79	22	/	<=30	Pass
		Outer_Full	20.96	21.77	/	21.36	22.27	/	<=30	Pass
		Inner_Full	20.69	21.58	/	21.09	22.08	/	<=30	Pass
		Inner_1RB_Left	20.97	22.50	/	21.37	23	/	<=30	Pass
		Inner_1RB_Right	21.46	21.46	/	21.86	21.96	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.37	22.33	/	21.77	22.83	/	<=30	Pass
		Edge_1RB_Right	21.17	21.49	/	21.57	21.99	/	<=30	Pass
		Outer_Full	20.91	21.73	/	21.31	22.23	/	<=30	Pass
		Inner_Full	20.63	21.65	/	21.03	22.15	/	<=30	Pass
		Inner_1RB_Left	21.32	22.39	/	21.72	22.89	/	<=30	Pass
		Inner_1RB_Right	21.30	21.52	/	21.70	22.02	/	<=30	Pass
	3510	Edge_1RB_Left	21.06	22.01	/	21.46	22.51	/	<=30	Pass
		Edge_1RB_Right	20.44	21.59	/	20.84	22.09	/	<=30	Pass
		Outer_Full	20.89	21.67	/	21.29	22.17	/	<=30	Pass
		Inner_Full	20.96	21.66	/	21.36	22.16	/	<=30	Pass
		Inner_1RB_Left	20.95	22.05	/	21.35	22.55	/	<=30	Pass
		Inner_1RB_Right	20.53	21.63	/	20.93	22.13	/	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	18.09	19.39	/	18.49	19.89	/	<=30	Pass
		Edge_1RB_Right	18.29	18.59	/	18.69	19.09	/	<=30	Pass
		Outer_Full	17.99	18.95	/	18.39	19.45	/	<=30	Pass
		Inner_Full	17.67	18.52	/	18.07	19.02	/	<=30	Pass
		Inner_1RB_Left	18.07	19.47	/	18.47	19.97	/	<=30	Pass
		Inner_1RB_Right	18.37	18.41	/	18.77	18.91	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.39	19.25	/	18.79	19.75	/	<=30	Pass
		Edge_1RB_Right	18.19	18.49	/	18.59	18.99	/	<=30	Pass
		Outer_Full	17.88	18.76	/	18.28	19.26	/	<=30	Pass
		Inner_Full	17.67	18.66	/	18.07	19.16	/	<=30	Pass
		Inner_1RB_Left	18.39	19.23	/	18.79	19.73	/	<=30	Pass
		Inner_1RB_Right	18.18	18.52	/	18.58	19.02	/	<=30	Pass
	3510	Edge_1RB_Left	18.04	18.94	/	18.44	19.44	/	<=30	Pass
		Edge_1RB_Right	17.40	18.64	/	17.80	19.14	/	<=30	Pass
		Outer_Full	17.92	18.71	/	18.32	19.21	/	<=30	Pass
		Inner_Full	18.00	18.80	/	18.40	19.3	/	<=30	Pass
		Inner_1RB_Left	17.98	19.05	/	18.38	19.55	/	<=30	Pass
		Inner_1RB_Right	17.45	18.55	/	17.85	19.05	/	<=30	Pass
Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

5G NR n78e SCS=30kHz MIMO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3490.02	Edge 1RB Left	18.08	19.46	21.84	18.48	19.96	22.29	<=30	Pass
		Edge 1RB Right	18.62	19.73	22.22	19.02	20.23	22.68	<=30	Pass
		Outer Full	18.57	20.16	22.45	18.97	20.66	22.91	<=30	Pass
		Inner Full	19.77	21.74	23.88	20.17	22.24	24.34	<=30	Pass
		Inner 1RB Left	20.03	21.47	23.82	20.43	21.97	24.28	<=30	Pass
		Inner 1RB Right	20.57	21.81	24.24	20.97	22.31	24.70	<=30	Pass
	3500.01	Edge 1RB Left	18.51	19.35	21.96	18.91	19.85	22.42	<=30	Pass
		Edge 1RB Right	18.45	19.66	22.11	18.85	20.16	22.56	<=30	Pass
		Outer Full	18.53	20.26	22.49	18.93	20.76	22.95	<=30	Pass
		Inner Full	19.74	21.85	23.93	20.14	22.35	24.39	<=30	Pass
		Inner 1RB Left	20.41	21.27	23.87	20.81	21.77	24.33	<=30	Pass
		Inner 1RB Right	20.51	21.64	24.12	20.91	22.14	24.58	<=30	Pass
	3510	Edge 1RB Left	16.64	18.74	20.82	17.04	19.24	21.29	<=30	Pass
		Edge 1RB Right	16.46	18.57	20.66	16.86	19.07	21.11	<=30	Pass
		Outer Full	17.07	19.30	21.34	17.47	19.80	21.80	<=30	Pass
		Inner Full	18.64	20.90	22.92	19.04	21.40	23.39	<=30	Pass
		Inner 1RB Left	18.45	20.71	22.74	18.85	21.21	23.20	<=30	Pass
		Inner 1RB Right	18.45	20.59	22.66	18.85	21.09	23.12	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge 1RB Left	17.98	19.47	21.80	18.38	19.97	22.26	<=30	Pass
		Edge 1RB Right	18.59	19.75	22.22	18.99	20.25	22.68	<=30	Pass
		Outer Full	18.60	20.18	22.47	19.00	20.68	22.93	<=30	Pass
		Inner Full	19.29	21.30	23.42	19.69	21.80	23.88	<=30	Pass
		Inner 1RB Left	19.74	20.91	23.38	20.14	21.41	23.83	<=30	Pass
		Inner 1RB Right	20.13	21.35	23.79	20.53	21.85	24.25	<=30	Pass
	3500.01	Edge 1RB Left	18.43	19.14	21.81	18.83	19.64	22.26	<=30	Pass
		Edge 1RB Right	18.41	19.44	21.97	18.81	19.94	22.42	<=30	Pass
		Outer Full	18.53	20.22	22.47	18.93	20.72	22.93	<=30	Pass
		Inner Full	19.30	21.30	23.42	19.70	21.80	23.89	<=30	Pass
		Inner 1RB Left	20.09	20.82	23.48	20.49	21.32	23.94	<=30	Pass
		Inner 1RB Right	19.95	21.18	23.62	20.35	21.68	24.08	<=30	Pass
	3510	Edge 1RB Left	16.67	18.74	20.84	17.07	19.24	21.30	<=30	Pass
		Edge 1RB Right	16.53	18.48	20.63	16.93	18.98	21.09	<=30	Pass
		Outer Full	17.10	19.33	21.37	17.50	19.83	21.83	<=30	Pass
		Inner Full	18.16	20.38	22.42	18.56	20.88	22.88	<=30	Pass
		Inner 1RB Left	17.98	20.12	22.19	18.38	20.62	22.65	<=30	Pass
		Inner 1RB Right	18.02	20.01	22.14	18.42	20.51	22.60	<=30	Pass
CP-OFDM 64 QAM	3490.02	Edge 1RB Left	18.00	19.35	21.74	18.40	19.85	22.20	<=30	Pass
		Edge 1RB Right	18.58	19.80	22.24	18.98	20.30	22.70	<=30	Pass
		Outer Full	18.04	19.73	21.98	18.44	20.23	22.44	<=30	Pass
		Inner Full	17.82	19.81	21.93	18.22	20.31	22.40	<=30	Pass
		Inner 1RB Left	17.97	19.36	21.73	18.37	19.86	22.19	<=30	Pass
		Inner 1RB Right	18.46	19.83	22.21	18.86	20.33	22.67	<=30	Pass
	3500.01	Edge 1RB Left	18.41	19.25	21.86	18.81	19.75	22.32	<=30	Pass
		Edge 1RB Right	18.55	19.69	22.17	18.95	20.19	22.62	<=30	Pass
		Outer Full	17.97	19.77	21.97	18.37	20.27	22.43	<=30	Pass
		Inner Full	17.77	19.91	21.98	18.17	20.41	22.44	<=30	Pass
		Inner 1RB Left	18.41	19.19	21.83	18.81	19.69	22.28	<=30	Pass
		Inner 1RB Right	18.43	19.70	22.12	18.83	20.20	22.58	<=30	Pass
	3510	Edge 1RB Left	16.25	18.77	20.70	16.65	19.27	21.16	<=30	Pass
		Edge 1RB Right	16.56	18.66	20.75	16.96	19.16	21.21	<=30	Pass
		Outer Full	16.53	18.81	20.83	16.93	19.31	21.29	<=30	Pass
		Inner Full	16.71	18.91	20.96	17.11	19.41	21.42	<=30	Pass
		Inner 1RB Left	16.45	18.82	20.81	16.85	19.32	21.27	<=30	Pass
		Inner 1RB Right	16.24	18.64	20.61	16.64	19.14	21.08	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge 1RB Left	14.98	16.59	18.87	15.38	17.09	19.33	<=30	Pass
		Edge 1RB Right	15.39	16.97	19.27	15.79	17.47	19.72	<=30	Pass

		Outer_Full	15.02	16.69	18.95	15.42	17.19	19.40	<=30	Pass
		Inner_Full	14.78	16.81	18.92	15.18	17.31	19.38	<=30	Pass
		Inner_1RB_Left	14.96	16.57	18.85	15.36	17.07	19.31	<=30	Pass
		Inner_1RB_Right	15.51	16.94	19.30	15.91	17.44	19.75	<=30	Pass
	3500.01	Edge_1RB_Left	15.44	16.55	19.04	15.84	17.05	19.50	<=30	Pass
		Edge_1RB_Right	15.40	16.74	19.13	15.80	17.24	19.59	<=30	Pass
		Outer_Full	15.05	16.72	18.98	15.45	17.22	19.43	<=30	Pass
		Inner_Full	14.80	16.83	18.94	15.20	17.33	19.40	<=30	Pass
	3510	Inner_1RB_Left	15.38	16.33	18.89	15.78	16.83	19.35	<=30	Pass
		Inner_1RB_Right	15.44	16.68	19.12	15.84	17.18	19.57	<=30	Pass
		Edge_1RB_Left	15.00	16.79	19.00	15.40	17.29	19.46	<=30	Pass
		Edge_1RB_Right	14.56	16.87	18.88	14.96	17.37	19.34	<=30	Pass
		Outer_Full	15.07	16.84	19.05	15.47	17.34	19.52	<=30	Pass
		Inner_Full	15.07	16.81	19.04	15.47	17.31	19.50	<=30	Pass
		Inner_1RB_Left	14.90	16.64	18.87	15.30	17.14	19.33	<=30	Pass
		Inner_1RB_Right	14.54	17.10	19.02	14.94	17.60	19.48	<=30	Pass

Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi;
Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2

1.8 30k_90MHz_NTNV_EIRP

1.8.1 Test Result

5G NR n78e SCS=30kHz SISO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3495	Edge_1RB_Left	20.89	22.48	/	21.29	22.98	/	<=30	Pass
		Edge_1RB_Right	21.19	21.40	/	21.59	21.9	/	<=30	Pass
		Outer_Full	23.90	24.74	/	24.30	25.24	/	<=30	Pass
		Inner_Full	24.08	25.15	/	24.48	25.65	/	<=30	Pass
		Inner_1RB_Left	24.51	25.84	/	24.91	26.34	/	<=30	Pass
		Inner_1RB_Right	24.76	24.90	/	25.16	25.4	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.10	22.35	/	21.50	22.85	/	<=30	Pass
		Edge_1RB_Right	20.82	21.44	/	21.22	21.94	/	<=30	Pass
		Outer_Full	23.89	24.80	/	24.29	25.3	/	<=30	Pass
		Inner_Full	24.10	25.14	/	24.50	25.64	/	<=30	Pass
		Inner_1RB_Left	24.66	25.90	/	25.06	26.4	/	<=30	Pass
		Inner_1RB_Right	24.34	24.89	/	24.74	25.39	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.28	22.34	/	21.68	22.84	/	<=30	Pass
		Edge_1RB_Right	20.48	21.61	/	20.88	22.11	/	<=30	Pass
		Outer_Full	23.93	24.77	/	24.33	25.27	/	<=30	Pass
		Inner_Full	24.32	25.13	/	24.72	25.63	/	<=30	Pass
		Inner_1RB_Left	24.77	25.79	/	25.17	26.29	/	<=30	Pass
		Inner_1RB_Right	24.04	25.05	/	24.44	25.55	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Edge_1RB_Left	21.00	22.39	/	21.40	22.89	/	<=30	Pass
		Edge_1RB_Right	21.22	21.40	/	21.62	21.9	/	<=30	Pass
		Outer_Full	23.33	24.25	/	23.73	24.75	/	<=30	Pass
		Inner_Full	24.06	25.18	/	24.46	25.68	/	<=30	Pass
		Inner_1RB_Left	24.48	25.92	/	24.88	26.42	/	<=30	Pass
		Inner_1RB_Right	24.67	24.92	/	25.07	25.42	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.10	22.37	/	21.50	22.87	/	<=30	Pass
		Edge_1RB_Right	20.83	21.48	/	21.23	21.98	/	<=30	Pass
		Outer_Full	23.35	24.26	/	23.75	24.76	/	<=30	Pass
		Inner_Full	24.14	25.16	/	24.54	25.66	/	<=30	Pass
		Inner_1RB_Left	24.62	25.86	/	25.02	26.36	/	<=30	Pass
		Inner_1RB_Right	24.38	24.93	/	24.78	25.43	/	<=30	Pass

	3504.99	Edge_1RB_Left	21.22	22.20	/	21.62	22.7	/	<=30	Pass
		Edge_1RB_Right	20.61	21.55	/	21.01	22.05	/	<=30	Pass
		Outer_Full	23.46	24.38	/	23.86	24.88	/	<=30	Pass
		Inner_Full	24.25	25.16	/	24.65	25.66	/	<=30	Pass
		Inner_1RB_Left	24.75	25.71	/	25.15	26.21	/	<=30	Pass
		Inner_1RB_Right	23.96	25.05	/	24.36	25.55	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge_1RB_Left	20.79	22.40	/	21.19	22.9	/	<=30	Pass
		Edge_1RB_Right	21.04	21.40	/	21.44	21.9	/	<=30	Pass
		Outer_Full	22.38	23.30	/	22.78	23.8	/	<=30	Pass
		Inner_Full	23.09	24.15	/	23.49	24.65	/	<=30	Pass
		Inner_1RB_Left	23.29	24.80	/	23.69	25.3	/	<=30	Pass
		Inner_1RB_Right	23.60	23.75	/	24.00	24.25	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.95	22.44	/	21.35	22.94	/	<=30	Pass
		Edge_1RB_Right	20.70	21.47	/	21.10	21.97	/	<=30	Pass
		Outer_Full	22.35	23.43	/	22.75	23.93	/	<=30	Pass
		Inner_Full	23.21	24.10	/	23.61	24.6	/	<=30	Pass
		Inner_1RB_Left	23.44	24.76	/	23.84	25.26	/	<=30	Pass
		Inner_1RB_Right	23.13	23.89	/	23.53	24.39	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.22	22.29	/	21.62	22.79	/	<=30	Pass
		Edge_1RB_Right	20.53	21.58	/	20.93	22.08	/	<=30	Pass
		Outer_Full	22.46	23.16	/	22.86	23.66	/	<=30	Pass
		Inner_Full	23.35	24.23	/	23.75	24.73	/	<=30	Pass
		Inner_1RB_Left	23.68	24.61	/	24.08	25.11	/	<=30	Pass
		Inner_1RB_Right	22.88	24.01	/	23.28	24.51	/	<=30	Pass
DFT-s-OFDM 64 QAM	3495	Edge_1RB_Left	21.03	22.51	/	21.43	23.01	/	<=30	Pass
		Edge_1RB_Right	21.31	21.48	/	21.71	21.98	/	<=30	Pass
		Outer_Full	21.86	22.80	/	22.26	23.3	/	<=30	Pass
		Inner_Full	21.64	22.73	/	22.04	23.23	/	<=30	Pass
		Inner_1RB_Left	21.96	23.50	/	22.36	24	/	<=30	Pass
		Inner_1RB_Right	22.17	22.46	/	22.57	22.96	/	<=30	Pass
	3500.01	Edge_1RB_Left	21.12	22.42	/	21.52	22.92	/	<=30	Pass
		Edge_1RB_Right	20.95	21.70	/	21.35	22.2	/	<=30	Pass
		Outer_Full	21.98	22.74	/	22.38	23.24	/	<=30	Pass
		Inner_Full	21.67	22.70	/	22.07	23.2	/	<=30	Pass
		Inner_1RB_Left	22.10	23.43	/	22.50	23.93	/	<=30	Pass
		Inner_1RB_Right	21.82	22.61	/	22.22	23.11	/	<=30	Pass
	3504.99	Edge_1RB_Left	21.31	22.34	/	21.71	22.84	/	<=30	Pass
		Edge_1RB_Right	20.67	21.60	/	21.07	22.1	/	<=30	Pass
		Outer_Full	21.96	22.65	/	22.36	23.15	/	<=30	Pass
		Inner_Full	21.89	22.72	/	22.29	23.22	/	<=30	Pass
		Inner_1RB_Left	22.26	23.20	/	22.66	23.7	/	<=30	Pass
		Inner_1RB_Right	21.50	22.59	/	21.90	23.09	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Edge_1RB_Left	19.97	21.41	/	20.37	21.91	/	<=30	Pass
		Edge_1RB_Right	20.12	20.42	/	20.52	20.92	/	<=30	Pass
		Outer_Full	19.89	20.83	/	20.29	21.33	/	<=30	Pass
		Inner_Full	19.69	20.66	/	20.09	21.16	/	<=30	Pass
		Inner_1RB_Left	19.98	21.52	/	20.38	22.02	/	<=30	Pass
		Inner_1RB_Right	20.28	20.46	/	20.68	20.96	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.11	21.36	/	20.51	21.86	/	<=30	Pass
		Edge_1RB_Right	19.79	20.51	/	20.19	21.01	/	<=30	Pass
		Outer_Full	19.82	20.71	/	20.22	21.21	/	<=30	Pass
		Inner_Full	19.61	20.65	/	20.01	21.15	/	<=30	Pass
		Inner_1RB_Left	20.14	21.16	/	20.54	21.66	/	<=30	Pass
		Inner_1RB_Right	19.85	20.52	/	20.25	21.02	/	<=30	Pass
	3504.99	Edge_1RB_Left	20.33	21.19	/	20.73	21.69	/	<=30	Pass
		Edge_1RB_Right	19.43	20.46	/	19.83	20.96	/	<=30	Pass
		Outer_Full	20.12	20.79	/	20.52	21.29	/	<=30	Pass
		Inner_Full	19.92	20.58	/	20.32	21.08	/	<=30	Pass
		Inner_1RB_Left	20.40	21.19	/	20.80	21.69	/	<=30	Pass

		Inner 1RB Right	19.64	20.56	/	20.04	21.06	/	<=30	Pass
CP-OFDM QPSK	3495	Edge 1RB Left	21.05	22.51	/	21.45	23.01	/	<=30	Pass
		Edge 1RB Right	21.33	21.48	/	21.73	21.98	/	<=30	Pass
		Outer Full	21.51	22.20	/	21.91	22.7	/	<=30	Pass
		Inner Full	22.65	23.80	/	23.05	24.3	/	<=30	Pass
		Inner 1RB Left	23.14	24.43	/	23.54	24.93	/	<=30	Pass
		Inner 1RB Right	23.18	23.28	/	23.58	23.78	/	<=30	Pass
	3500.01	Edge 1RB Left	21.20	22.46	/	21.60	22.96	/	<=30	Pass
		Edge 1RB Right	20.96	21.51	/	21.36	22.01	/	<=30	Pass
		Outer Full	21.38	22.25	/	21.78	22.75	/	<=30	Pass
		Inner Full	22.64	23.62	/	23.04	24.12	/	<=30	Pass
		Inner 1RB Left	23.17	24.34	/	23.57	24.84	/	<=30	Pass
		Inner 1RB Right	22.97	23.54	/	23.37	24.04	/	<=30	Pass
	3504.99	Edge 1RB Left	21.37	22.32	/	21.77	22.82	/	<=30	Pass
		Edge 1RB Right	20.58	21.75	/	20.98	22.25	/	<=30	Pass
		Outer Full	21.48	22.23	/	21.88	22.73	/	<=30	Pass
		Inner Full	22.84	23.69	/	23.24	24.19	/	<=30	Pass
		Inner 1RB Left	23.42	24.40	/	23.82	24.9	/	<=30	Pass
		Inner 1RB Right	22.56	23.63	/	22.96	24.13	/	<=30	Pass
CP-OFDM 16 QAM	3495	Edge 1RB Left	20.88	22.29	/	21.28	22.79	/	<=30	Pass
		Edge 1RB Right	21.11	21.24	/	21.51	21.74	/	<=30	Pass
		Outer Full	21.45	22.27	/	21.85	22.77	/	<=30	Pass
		Inner Full	22.06	23.24	/	22.46	23.74	/	<=30	Pass
		Inner 1RB Left	22.39	23.68	/	22.79	24.18	/	<=30	Pass
		Inner 1RB Right	22.52	22.81	/	22.92	23.31	/	<=30	Pass
	3500.01	Edge 1RB Left	21.13	22.33	/	21.53	22.83	/	<=30	Pass
		Edge 1RB Right	20.75	21.53	/	21.15	22.03	/	<=30	Pass
		Outer Full	21.45	22.23	/	21.85	22.73	/	<=30	Pass
		Inner Full	22.15	23.24	/	22.55	23.74	/	<=30	Pass
		Inner 1RB Left	22.48	23.66	/	22.88	24.16	/	<=30	Pass
		Inner 1RB Right	22.15	22.80	/	22.55	23.3	/	<=30	Pass
	3504.99	Edge 1RB Left	21.22	22.12	/	21.62	22.62	/	<=30	Pass
		Edge 1RB Right	20.44	21.59	/	20.84	22.09	/	<=30	Pass
		Outer Full	21.50	22.21	/	21.90	22.71	/	<=30	Pass
		Inner Full	22.38	23.21	/	22.78	23.71	/	<=30	Pass
		Inner 1RB Left	22.68	23.53	/	23.08	24.03	/	<=30	Pass
		Inner 1RB Right	21.84	22.92	/	22.24	23.42	/	<=30	Pass
CP-OFDM 64 QAM	3495	Edge 1RB Left	21.06	22.41	/	21.46	22.91	/	<=30	Pass
		Edge 1RB Right	21.32	21.45	/	21.72	21.95	/	<=30	Pass
		Outer Full	20.90	21.72	/	21.30	22.22	/	<=30	Pass
		Inner Full	20.57	21.67	/	20.97	22.17	/	<=30	Pass
		Inner 1RB Left	21.04	22.52	/	21.44	23.02	/	<=30	Pass
		Inner 1RB Right	21.20	21.56	/	21.60	22.06	/	<=30	Pass
	3500.01	Edge 1RB Left	21.10	22.44	/	21.50	22.94	/	<=30	Pass
		Edge 1RB Right	20.84	21.52	/	21.24	22.02	/	<=30	Pass
		Outer Full	20.97	21.76	/	21.37	22.26	/	<=30	Pass
		Inner Full	20.68	21.63	/	21.08	22.13	/	<=30	Pass
		Inner 1RB Left	21.15	22.50	/	21.55	23	/	<=30	Pass
		Inner 1RB Right	20.78	21.49	/	21.18	21.99	/	<=30	Pass
	3504.99	Edge 1RB Left	21.40	22.35	/	21.80	22.85	/	<=30	Pass
		Edge 1RB Right	20.61	21.55	/	21.01	22.05	/	<=30	Pass
		Outer Full	21.02	21.77	/	21.42	22.27	/	<=30	Pass
		Inner Full	20.76	21.66	/	21.16	22.16	/	<=30	Pass
		Inner 1RB Left	21.35	22.33	/	21.75	22.83	/	<=30	Pass
		Inner 1RB Right	20.62	21.69	/	21.02	22.19	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge 1RB Left	18.00	19.43	/	18.40	19.93	/	<=30	Pass
		Edge 1RB Right	18.34	18.40	/	18.74	18.9	/	<=30	Pass
		Outer Full	17.95	18.80	/	18.35	19.3	/	<=30	Pass
		Inner Full	17.54	18.68	/	17.94	19.18	/	<=30	Pass

		Inner_1RB_Left	18.11	19.50	/	18.51	20	/	<=30	Pass
		Inner_1RB_Right	18.37	18.52	/	18.77	19.02	/	<=30	Pass
	3500.01	Edge_1RB_Left	18.12	19.39	/	18.52	19.89	/	<=30	Pass
		Edge_1RB_Right	17.85	18.47	/	18.25	18.97	/	<=30	Pass
		Outer_Full	17.97	18.74	/	18.37	19.24	/	<=30	Pass
		Inner_Full	17.73	18.72	/	18.13	19.22	/	<=30	Pass
		Inner_1RB_Left	18.19	19.33	/	18.59	19.83	/	<=30	Pass
		Inner_1RB_Right	17.94	18.56	/	18.34	19.06	/	<=30	Pass
	3504.99	Edge_1RB_Left	18.43	19.30	/	18.83	19.8	/	<=30	Pass
		Edge_1RB_Right	17.61	18.63	/	18.01	19.13	/	<=30	Pass
		Outer_Full	17.87	18.76	/	18.27	19.26	/	<=30	Pass
		Inner_Full	17.82	18.57	/	18.22	19.07	/	<=30	Pass
		Inner_1RB_Left	18.30	19.31	/	18.70	19.81	/	<=30	Pass
		Inner_1RB_Right	17.57	18.59	/	17.97	19.09	/	<=30	Pass
Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

5G NR n78e SCS=30kHz MIMO 90MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3495	Edge 1RB Left	18.01	19.34	21.73	18.41	19.84	22.19	<=30	Pass
		Edge 1RB Right	18.48	19.60	22.08	18.88	20.10	22.54	<=30	Pass
		Outer Full	18.64	20.17	22.48	19.04	20.67	22.94	<=30	Pass
		Inner Full	19.63	21.76	23.83	20.03	22.26	24.30	<=30	Pass
		Inner 1RB Left	20.03	21.35	23.75	20.43	21.85	24.21	<=30	Pass
		Inner 1RB Right	20.45	21.63	24.09	20.85	22.13	24.55	<=30	Pass
	3500.01	Edge 1RB Left	18.26	19.09	21.71	18.66	19.59	22.16	<=30	Pass
		Edge 1RB Right	18.00	19.77	21.98	18.40	20.27	22.45	<=30	Pass
		Outer Full	18.52	20.16	22.43	18.92	20.66	22.89	<=30	Pass
		Inner Full	19.78	21.83	23.94	20.18	22.33	24.40	<=30	Pass
		Inner 1RB Left	20.27	21.17	23.75	20.67	21.67	24.21	<=30	Pass
		Inner 1RB Right	20.05	21.72	23.98	20.45	22.22	24.43	<=30	Pass
	3504.99	Edge 1RB Left	18.52	19.26	21.92	18.92	19.76	22.37	<=30	Pass
		Edge 1RB Right	17.72	19.77	21.87	18.12	20.27	22.34	<=30	Pass
		Outer Full	18.62	20.28	22.54	19.02	20.78	23.00	<=30	Pass
		Inner Full	19.97	21.86	24.03	20.37	22.36	24.49	<=30	Pass
		Inner 1RB Left	20.45	21.14	23.82	20.85	21.64	24.27	<=30	Pass
		Inner 1RB Right	19.70	21.78	23.87	20.10	22.28	24.34	<=30	Pass
CP-OFDM 16 QAM	3495	Edge 1RB Left	17.93	19.22	21.64	18.33	19.72	22.09	<=30	Pass
		Edge 1RB Right	18.46	19.62	22.09	18.86	20.12	22.55	<=30	Pass
		Outer Full	18.51	20.05	22.36	18.91	20.55	22.82	<=30	Pass
		Inner Full	19.23	21.26	23.37	19.63	21.76	23.83	<=30	Pass
		Inner 1RB Left	19.74	20.86	23.35	20.14	21.36	23.80	<=30	Pass
		Inner 1RB Right	20.19	21.15	23.71	20.59	21.65	24.16	<=30	Pass
	3500.01	Edge 1RB Left	18.17	19.28	21.77	18.57	19.78	22.23	<=30	Pass
		Edge 1RB Right	17.98	19.74	21.96	18.38	20.24	22.42	<=30	Pass
		Outer Full	18.50	20.24	22.47	18.90	20.74	22.93	<=30	Pass
		Inner Full	19.26	21.31	23.42	19.66	21.81	23.88	<=30	Pass
		Inner 1RB Left	19.77	20.73	23.28	20.17	21.23	23.74	<=30	Pass
		Inner 1RB Right	19.56	21.30	23.53	19.96	21.80	23.99	<=30	Pass
	3504.99	Edge 1RB Left	18.32	19.19	21.79	18.72	19.69	22.24	<=30	Pass
		Edge 1RB Right	17.73	19.81	21.90	18.13	20.31	22.37	<=30	Pass
		Outer Full	18.56	20.31	22.53	18.96	20.81	22.99	<=30	Pass
		Inner Full	19.49	21.49	23.61	19.89	21.99	24.08	<=30	Pass
		Inner 1RB Left	19.94	20.83	23.42	20.34	21.33	23.87	<=30	Pass
		Inner 1RB Right	19.33	21.36	23.47	19.73	21.86	23.93	<=30	Pass
CP-OFDM 64 QAM	3495	Edge 1RB Left	17.93	19.28	21.67	18.33	19.78	22.13	<=30	Pass
		Edge 1RB Right	18.32	19.61	22.03	18.72	20.11	22.48	<=30	Pass

		Outer_Full	18.01	19.59	21.88	18.41	20.09	22.34	<=30	Pass
		Inner_Full	17.70	19.71	21.83	18.10	20.21	22.29	<=30	Pass
		Inner_1RB_Left	18.03	19.28	21.71	18.43	19.78	22.17	<=30	Pass
		Inner_1RB_Right	18.51	19.71	22.16	18.91	20.21	22.62	<=30	Pass
	3500.01	Edge_1RB_Left	18.24	19.05	21.67	18.64	19.55	22.13	<=30	Pass
		Edge_1RB_Right	18.02	19.57	21.88	18.42	20.07	22.33	<=30	Pass
		Outer_Full	18.08	19.75	22.00	18.48	20.25	22.46	<=30	Pass
		Inner_Full	17.76	19.92	21.98	18.16	20.42	22.45	<=30	Pass
	3504.99	Inner_1RB_Left	18.26	19.16	21.74	18.66	19.66	22.20	<=30	Pass
		Inner_1RB_Right	18.06	19.60	21.91	18.46	20.10	22.37	<=30	Pass
		Edge_1RB_Left	18.47	19.14	21.83	18.87	19.64	22.28	<=30	Pass
		Edge_1RB_Right	17.77	19.66	21.82	18.17	20.16	22.29	<=30	Pass
CP-OFDM 256 QAM	3495	Outer_Full	18.13	19.85	22.08	18.53	20.35	22.54	<=30	Pass
		Inner_Full	18.01	20.02	22.14	18.41	20.52	22.60	<=30	Pass
		Inner_1RB_Left	18.49	19.22	21.88	18.89	19.72	22.34	<=30	Pass
		Inner_1RB_Right	17.76	19.60	21.78	18.16	20.10	22.25	<=30	Pass
		Edge_1RB_Left	15.14	16.26	18.75	15.54	16.76	19.20	<=30	Pass
		Edge_1RB_Right	15.62	16.49	19.09	16.02	16.99	19.54	<=30	Pass
	3500.01	Outer_Full	15.01	16.62	18.90	15.41	17.12	19.36	<=30	Pass
		Inner_Full	14.79	16.85	18.95	15.19	17.35	19.41	<=30	Pass
		Inner_1RB_Left	15.26	16.20	18.77	15.66	16.70	19.22	<=30	Pass
		Inner_1RB_Right	15.59	16.62	19.15	15.99	17.12	19.60	<=30	Pass
		Edge_1RB_Left	15.40	16.10	18.78	15.80	16.60	19.23	<=30	Pass
		Edge_1RB_Right	15.13	16.60	18.94	15.53	17.10	19.40	<=30	Pass
	3504.99	Outer_Full	15.07	16.80	19.03	15.47	17.30	19.49	<=30	Pass
		Inner_Full	14.73	16.87	18.94	15.13	17.37	19.40	<=30	Pass
		Inner_1RB_Left	15.40	16.04	18.74	15.80	16.54	19.20	<=30	Pass
		Inner_1RB_Right	15.14	16.65	18.97	15.54	17.15	19.43	<=30	Pass
		Edge_1RB_Left	15.39	16.31	18.88	15.79	16.81	19.34	<=30	Pass
		Edge_1RB_Right	14.61	17.07	19.03	15.01	17.57	19.49	<=30	Pass
	3500.01	Outer_Full	15.12	16.94	19.14	15.52	17.44	19.60	<=30	Pass
		Inner_Full	14.95	16.98	19.09	15.35	17.48	19.55	<=30	Pass
		Inner_1RB_Left	15.30	16.37	18.88	15.70	16.87	19.33	<=30	Pass
		Inner_1RB_Right	14.71	16.89	18.94	15.11	17.39	19.41	<=30	Pass
Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

1.9 30k_100MHz_NTNV_EIRP

1.9.1 Test Result

5G NR n78e SCS=30kHz SISO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB_Left	20.89	22.43	/	21.29	22.93	/	<=30	Pass
		Edge_1RB_Right	20.43	21.52	/	20.83	22.02	/	<=30	Pass
		Outer_Full	23.89	24.81	/	24.29	25.31	/	<=30	Pass
		Inner_Full	24.11	25.12	/	24.51	25.62	/	<=30	Pass
		Inner_1RB_Left	24.34	25.89	/	24.74	26.39	/	<=30	Pass
	3500.01	Inner_1RB_Right	23.99	24.99	/	24.39	25.49	/	<=30	Pass
		Edge_1RB_Left	20.86	22.38	/	21.26	22.88	/	<=30	Pass
		Edge_1RB_Right	20.49	21.47	/	20.89	21.97	/	<=30	Pass
		Outer_Full	23.89	24.81	/	24.29	25.31	/	<=30	Pass
		Inner_Full	24.17	25.15	/	24.57	25.65	/	<=30	Pass

		Inner_1RB_Left	24.32	25.88	/	24.72	26.38	/	<=30	Pass
		Inner_1RB_Right	23.89	24.99	/	24.29	25.49	/	<=30	Pass
	3499.98	Edge_1RB_Left	20.88	22.42	/	21.28	22.92	/	<=30	Pass
		Edge_1RB_Right	20.51	21.60	/	20.91	22.1	/	<=30	Pass
		Outer_Full	24.02	24.76	/	24.42	25.26	/	<=30	Pass
		Inner_Full	24.31	25.14	/	24.71	25.64	/	<=30	Pass
		Inner_1RB_Left	24.49	25.88	/	24.89	26.38	/	<=30	Pass
		Inner_1RB_Right	24.06	24.99	/	24.46	25.49	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB_Left	20.87	22.38	/	21.27	22.88	/	<=30	Pass
		Edge_1RB_Right	20.49	21.56	/	20.89	22.06	/	<=30	Pass
		Outer_Full	23.34	24.22	/	23.74	24.72	/	<=30	Pass
		Inner_Full	24.15	25.11	/	24.55	25.61	/	<=30	Pass
		Inner_1RB_Left	24.32	25.91	/	24.72	26.41	/	<=30	Pass
		Inner_1RB_Right	23.93	24.87	/	24.33	25.37	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.87	22.35	/	21.27	22.85	/	<=30	Pass
		Edge_1RB_Right	20.43	21.50	/	20.83	22	/	<=30	Pass
		Outer_Full	23.38	24.24	/	23.78	24.74	/	<=30	Pass
		Inner_Full	24.12	25.17	/	24.52	25.67	/	<=30	Pass
		Inner_1RB_Left	24.32	25.81	/	24.72	26.31	/	<=30	Pass
		Inner_1RB_Right	23.93	25.19	/	24.33	25.69	/	<=30	Pass
	3499.98	Edge_1RB_Left	20.89	22.42	/	21.29	22.92	/	<=30	Pass
		Edge_1RB_Right	20.49	21.53	/	20.89	22.03	/	<=30	Pass
		Outer_Full	23.50	24.27	/	23.90	24.77	/	<=30	Pass
		Inner_Full	24.21	25.26	/	24.61	25.76	/	<=30	Pass
		Inner_1RB_Left	24.44	25.90	/	24.84	26.4	/	<=30	Pass
		Inner_1RB_Right	24.11	25.04	/	24.51	25.54	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge_1RB_Left	20.71	22.28	/	21.11	22.78	/	<=30	Pass
		Edge_1RB_Right	20.34	21.54	/	20.74	22.04	/	<=30	Pass
		Outer_Full	22.51	23.23	/	22.91	23.73	/	<=30	Pass
		Inner_Full	23.18	24.21	/	23.58	24.71	/	<=30	Pass
		Inner_1RB_Left	23.27	24.80	/	23.67	25.3	/	<=30	Pass
		Inner_1RB_Right	22.82	24.06	/	23.22	24.56	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.86	22.46	/	21.26	22.96	/	<=30	Pass
		Edge_1RB_Right	20.42	21.45	/	20.82	21.95	/	<=30	Pass
		Outer_Full	22.45	23.40	/	22.85	23.9	/	<=30	Pass
		Inner_Full	23.18	24.17	/	23.58	24.67	/	<=30	Pass
		Inner_1RB_Left	23.28	24.80	/	23.68	25.3	/	<=30	Pass
		Inner_1RB_Right	22.79	23.84	/	23.19	24.34	/	<=30	Pass
	3499.98	Edge_1RB_Left	20.90	22.30	/	21.30	22.8	/	<=30	Pass
		Edge_1RB_Right	20.53	21.61	/	20.93	22.11	/	<=30	Pass
		Outer_Full	22.50	23.23	/	22.90	23.73	/	<=30	Pass
		Inner_Full	23.29	24.18	/	23.69	24.68	/	<=30	Pass
		Inner_1RB_Left	23.35	24.81	/	23.75	25.31	/	<=30	Pass
		Inner_1RB_Right	22.95	23.97	/	23.35	24.47	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB_Left	20.86	22.52	/	21.26	23.02	/	<=30	Pass
		Edge_1RB_Right	20.41	21.64	/	20.81	22.14	/	<=30	Pass
		Outer_Full	21.91	22.91	/	22.31	23.41	/	<=30	Pass
		Inner_Full	21.72	22.73	/	22.12	23.23	/	<=30	Pass
		Inner_1RB_Left	21.86	23.39	/	22.26	23.89	/	<=30	Pass
	3500.01	Inner_1RB_Right	21.53	22.70	/	21.93	23.2	/	<=30	Pass
		Edge_1RB_Left	20.91	22.52	/	21.31	23.02	/	<=30	Pass
		Edge_1RB_Right	20.48	21.64	/	20.88	22.14	/	<=30	Pass
		Outer_Full	21.89	22.90	/	22.29	23.4	/	<=30	Pass
		Inner_Full	21.70	22.65	/	22.10	23.15	/	<=30	Pass
		Inner_1RB_Left	21.89	23.51	/	22.29	24.01	/	<=30	Pass
		Inner_1RB_Right	21.49	22.52	/	21.89	23.02	/	<=30	Pass
	3499.98	Edge_1RB_Left	20.98	22.51	/	21.38	23.01	/	<=30	Pass
		Edge_1RB_Right	20.59	21.52	/	20.99	22.02	/	<=30	Pass
		Outer_Full	21.97	22.90	/	22.37	23.4	/	<=30	Pass

		Inner_Full	21.73	22.66	/	22.13	23.16	/	<=30	Pass
		Inner_1RB_Left	21.97	23.47	/	22.37	23.97	/	<=30	Pass
		Inner_1RB_Right	21.55	22.58	/	21.95	23.08	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	19.93	21.66	/	20.33	22.16	/	<=30	Pass
		Edge_1RB_Right	19.42	20.61	/	19.82	21.11	/	<=30	Pass
		Outer_Full	20.02	20.68	/	20.42	21.18	/	<=30	Pass
		Inner_Full	19.59	20.77	/	19.99	21.27	/	<=30	Pass
		Inner_1RB_Left	19.92	21.52	/	20.32	22.02	/	<=30	Pass
		Inner_1RB_Right	19.37	20.57	/	19.77	21.07	/	<=30	Pass
	3500.01	Edge_1RB_Left	19.94	21.33	/	20.34	21.83	/	<=30	Pass
		Edge_1RB_Right	19.44	20.60	/	19.84	21.1	/	<=30	Pass
		Outer_Full	20.02	20.80	/	20.42	21.3	/	<=30	Pass
		Inner_Full	19.75	20.67	/	20.15	21.17	/	<=30	Pass
		Inner_1RB_Left	19.93	21.44	/	20.33	21.94	/	<=30	Pass
		Inner_1RB_Right	19.44	20.62	/	19.84	21.12	/	<=30	Pass
	3499.98	Edge_1RB_Left	19.95	21.43	/	20.35	21.93	/	<=30	Pass
		Edge_1RB_Right	19.55	20.45	/	19.95	20.95	/	<=30	Pass
		Outer_Full	19.90	20.76	/	20.30	21.26	/	<=30	Pass
		Inner_Full	19.84	20.59	/	20.24	21.09	/	<=30	Pass
		Inner_1RB_Left	20.06	21.40	/	20.46	21.9	/	<=30	Pass
		Inner_1RB_Right	19.46	20.55	/	19.86	21.05	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	20.90	22.43	/	21.30	22.93	/	<=30	Pass
		Edge_1RB_Right	20.42	21.59	/	20.82	22.09	/	<=30	Pass
		Outer_Full	21.36	22.25	/	21.76	22.75	/	<=30	Pass
		Inner_Full	22.70	23.68	/	23.10	24.18	/	<=30	Pass
		Inner_1RB_Left	22.85	24.37	/	23.25	24.87	/	<=30	Pass
		Inner_1RB_Right	22.49	23.70	/	22.89	24.2	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.94	22.46	/	21.34	22.96	/	<=30	Pass
		Edge_1RB_Right	20.47	21.66	/	20.87	22.16	/	<=30	Pass
		Outer_Full	21.35	22.29	/	21.75	22.79	/	<=30	Pass
		Inner_Full	22.68	23.59	/	23.08	24.09	/	<=30	Pass
		Inner_1RB_Left	22.94	24.44	/	23.34	24.94	/	<=30	Pass
		Inner_1RB_Right	22.51	23.63	/	22.91	24.13	/	<=30	Pass
	3499.98	Edge_1RB_Left	21.01	22.42	/	21.41	22.92	/	<=30	Pass
		Edge_1RB_Right	20.63	21.69	/	21.03	22.19	/	<=30	Pass
		Outer_Full	21.48	22.24	/	21.88	22.74	/	<=30	Pass
		Inner_Full	22.81	23.60	/	23.21	24.1	/	<=30	Pass
		Inner_1RB_Left	23.01	24.46	/	23.41	24.96	/	<=30	Pass
		Inner_1RB_Right	22.53	23.43	/	22.93	23.93	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	20.86	22.42	/	21.26	22.92	/	<=30	Pass
		Edge_1RB_Right	20.28	21.40	/	20.68	21.9	/	<=30	Pass
		Outer_Full	21.27	22.26	/	21.67	22.76	/	<=30	Pass
		Inner_Full	22.17	23.04	/	22.57	23.54	/	<=30	Pass
		Inner_1RB_Left	22.37	23.82	/	22.77	24.32	/	<=30	Pass
		Inner_1RB_Right	21.76	23.03	/	22.16	23.53	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.72	22.41	/	21.12	22.91	/	<=30	Pass
		Edge_1RB_Right	20.34	21.48	/	20.74	21.98	/	<=30	Pass
		Outer_Full	21.43	22.34	/	21.83	22.84	/	<=30	Pass
		Inner_Full	22.17	23.21	/	22.57	23.71	/	<=30	Pass
		Inner_1RB_Left	22.24	23.82	/	22.64	24.32	/	<=30	Pass
		Inner_1RB_Right	21.89	22.96	/	22.29	23.46	/	<=30	Pass
	3499.98	Edge_1RB_Left	20.90	22.31	/	21.30	22.81	/	<=30	Pass
		Edge_1RB_Right	20.60	21.65	/	21.00	22.15	/	<=30	Pass
		Outer_Full	21.43	22.18	/	21.83	22.68	/	<=30	Pass
		Inner_Full	22.30	23.25	/	22.70	23.75	/	<=30	Pass
		Inner_1RB_Left	22.29	23.72	/	22.69	24.22	/	<=30	Pass
		Inner_1RB_Right	21.91	23.03	/	22.31	23.53	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	20.90	22.50	/	21.30	23	/	<=30	Pass
		Edge_1RB_Right	20.55	21.54	/	20.95	22.04	/	<=30	Pass

		Outer_Full	20.92	21.80	/	21.32	22.3	/	<=30	Pass
		Inner_Full	20.67	21.66	/	21.07	22.16	/	<=30	Pass
		Inner_1RB_Left	20.98	22.42	/	21.38	22.92	/	<=30	Pass
		Inner_1RB_Right	20.54	21.71	/	20.94	22.21	/	<=30	Pass
	3500.01	Edge_1RB_Left	20.97	22.49	/	21.37	22.99	/	<=30	Pass
		Edge_1RB_Right	20.59	21.72	/	20.99	22.22	/	<=30	Pass
		Outer_Full	20.91	21.80	/	21.31	22.3	/	<=30	Pass
		Inner_Full	20.67	21.69	/	21.07	22.19	/	<=30	Pass
		Inner_1RB_Left	21.08	22.67	/	21.48	23.17	/	<=30	Pass
		Inner_1RB_Right	20.55	21.66	/	20.95	22.16	/	<=30	Pass
	3499.98	Edge_1RB_Left	20.98	22.41	/	21.38	22.91	/	<=30	Pass
		Edge_1RB_Right	20.50	21.48	/	20.90	21.98	/	<=30	Pass
		Outer_Full	21.02	21.75	/	21.42	22.25	/	<=30	Pass
		Inner_Full	20.79	21.69	/	21.19	22.19	/	<=30	Pass
		Inner_1RB_Left	21.03	22.43	/	21.43	22.93	/	<=30	Pass
		Inner_1RB_Right	20.59	21.75	/	20.99	22.25	/	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	17.83	19.41	/	18.23	19.91	/	<=30	Pass
		Edge_1RB_Right	17.51	18.63	/	17.91	19.13	/	<=30	Pass
		Outer_Full	17.89	18.79	/	18.29	19.29	/	<=30	Pass
		Inner_Full	17.74	18.60	/	18.14	19.1	/	<=30	Pass
		Inner_1RB_Left	17.86	19.54	/	18.26	20.04	/	<=30	Pass
		Inner_1RB_Right	17.47	18.69	/	17.87	19.19	/	<=30	Pass
	3500.01	Edge_1RB_Left	17.80	19.42	/	18.20	19.92	/	<=30	Pass
		Edge_1RB_Right	17.52	18.59	/	17.92	19.09	/	<=30	Pass
		Outer_Full	17.82	18.66	/	18.22	19.16	/	<=30	Pass
		Inner_Full	17.74	18.75	/	18.14	19.25	/	<=30	Pass
		Inner_1RB_Left	17.91	19.51	/	18.31	20.01	/	<=30	Pass
		Inner_1RB_Right	17.49	18.64	/	17.89	19.14	/	<=30	Pass
	3499.98	Edge_1RB_Left	17.99	19.32	/	18.39	19.82	/	<=30	Pass
		Edge_1RB_Right	17.57	18.54	/	17.97	19.04	/	<=30	Pass
		Outer_Full	17.99	18.75	/	18.39	19.25	/	<=30	Pass
		Inner_Full	17.78	18.57	/	18.18	19.07	/	<=30	Pass
		Inner_1RB_Left	17.97	19.52	/	18.37	20.02	/	<=30	Pass
		Inner_1RB_Right	17.47	18.62	/	17.87	19.12	/	<=30	Pass
Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi; Note2: EIRP=Conducted Power+Antenna Gain										

5G NR n78e SCS=30kHz MIMO 100MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant3	Ant7	Sum	Ant3	Ant7	Sum	Limit	
CP-OFDM QPSK	3500.01	Edge_1RB_Left	18.07	19.29	21.73	18.47	19.79	22.19	<=30	Pass
		Edge_1RB_Right	17.71	19.65	21.80	18.11	20.15	22.26	<=30	Pass
		Outer_Full	18.48	20.20	22.44	18.88	20.70	22.89	<=30	Pass
		Inner_Full	19.80	21.82	23.94	20.20	22.32	24.40	<=30	Pass
		Inner_1RB_Left	20.04	21.30	23.73	20.44	21.80	24.18	<=30	Pass
		Inner_1RB_Right	19.82	21.72	23.88	20.22	22.22	24.34	<=30	Pass
	3500.01	Edge_1RB_Left	18.11	19.31	21.76	18.51	19.81	22.22	<=30	Pass
		Edge_1RB_Right	17.62	19.90	21.92	18.02	20.40	22.38	<=30	Pass
		Outer_Full	18.55	20.17	22.45	18.95	20.67	22.90	<=30	Pass
		Inner_Full	19.83	21.88	23.99	20.23	22.38	24.45	<=30	Pass
		Inner_1RB_Left	19.89	21.37	23.70	20.29	21.87	24.16	<=30	Pass
		Inner_1RB_Right	19.67	21.77	23.86	20.07	22.27	24.32	<=30	Pass
	3499.98	Edge_1RB_Left	18.02	19.26	21.69	18.42	19.76	22.15	<=30	Pass
		Edge_1RB_Right	17.85	19.87	21.99	18.25	20.37	22.45	<=30	Pass
		Outer_Full	18.65	20.23	22.52	19.05	20.73	22.98	<=30	Pass
		Inner_Full	19.83	21.90	23.99	20.23	22.40	24.46	<=30	Pass
		Inner_1RB_Left	20.01	21.33	23.73	20.41	21.83	24.19	<=30	Pass
		Inner_1RB_Right	19.75	21.81	23.91	20.15	22.31	24.37	<=30	Pass

CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	17.87	19.18	21.58	18.27	19.68	22.04	<=30	Pass
		Edge_1RB_Right	17.67	19.70	21.81	18.07	20.20	22.27	<=30	Pass
		Outer_Full	18.55	20.20	22.46	18.95	20.70	22.92	<=30	Pass
		Inner_Full	19.30	21.41	23.49	19.70	21.91	23.95	<=30	Pass
		Inner_1RB_Left	19.36	20.65	23.06	19.76	21.15	23.52	<=30	Pass
		Inner_1RB_Right	19.16	21.16	23.29	19.56	21.66	23.75	<=30	Pass
	3500.01	Edge_1RB_Left	17.87	19.26	21.63	18.27	19.76	22.09	<=30	Pass
		Edge_1RB_Right	17.68	19.84	21.90	18.08	20.34	22.37	<=30	Pass
		Outer_Full	18.59	20.29	22.53	18.99	20.79	22.99	<=30	Pass
		Inner_Full	19.31	21.45	23.52	19.71	21.95	23.98	<=30	Pass
		Inner_1RB_Left	19.63	20.74	23.23	20.03	21.24	23.69	<=30	Pass
		Inner_1RB_Right	19.39	21.31	23.46	19.79	21.81	23.93	<=30	Pass
	3499.98	Edge_1RB_Left	17.83	19.41	21.70	18.23	19.91	22.16	<=30	Pass
		Edge_1RB_Right	17.58	19.86	21.88	17.98	20.36	22.34	<=30	Pass
		Outer_Full	18.59	20.27	22.52	18.99	20.77	22.98	<=30	Pass
		Inner_Full	19.33	21.37	23.48	19.73	21.87	23.94	<=30	Pass
		Inner_1RB_Left	19.40	20.77	23.15	19.80	21.27	23.61	<=30	Pass
		Inner_1RB_Right	19.27	21.55	23.57	19.67	22.05	24.03	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	17.91	19.09	21.55	18.31	19.59	22.01	<=30	Pass
		Edge_1RB_Right	17.64	19.67	21.79	18.04	20.17	22.24	<=30	Pass
		Outer_Full	18.02	19.65	21.92	18.42	20.15	22.38	<=30	Pass
		Inner_Full	17.82	19.93	22.02	18.22	20.43	22.47	<=30	Pass
		Inner_1RB_Left	17.96	19.15	21.60	18.36	19.65	22.06	<=30	Pass
		Inner_1RB_Right	17.74	19.56	21.75	18.14	20.06	22.22	<=30	Pass
	3500.01	Edge_1RB_Left	17.85	19.32	21.66	18.25	19.82	22.12	<=30	Pass
		Edge_1RB_Right	17.57	19.75	21.81	17.97	20.25	22.27	<=30	Pass
		Outer_Full	17.99	19.74	21.96	18.39	20.24	22.42	<=30	Pass
		Inner_Full	17.77	19.87	21.96	18.17	20.37	22.42	<=30	Pass
		Inner_1RB_Left	17.84	19.30	21.64	18.24	19.80	22.10	<=30	Pass
		Inner_1RB_Right	17.62	19.83	21.88	18.02	20.33	22.34	<=30	Pass
	3499.98	Edge_1RB_Left	18.06	19.21	21.68	18.46	19.71	22.14	<=30	Pass
		Edge_1RB_Right	17.78	19.61	21.81	18.18	20.11	22.26	<=30	Pass
		Outer_Full	18.12	19.72	22.00	18.52	20.22	22.46	<=30	Pass
		Inner_Full	17.85	19.85	21.97	18.25	20.35	22.44	<=30	Pass
		Inner_1RB_Left	18.09	19.18	21.68	18.49	19.68	22.14	<=30	Pass
		Inner_1RB_Right	17.81	19.60	21.81	18.21	20.10	22.27	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	14.90	16.50	18.79	15.30	17.00	19.24	<=30	Pass
		Edge_1RB_Right	14.51	16.96	18.92	14.91	17.46	19.38	<=30	Pass
		Outer_Full	15.05	16.77	19.00	15.45	17.27	19.46	<=30	Pass
		Inner_Full	14.79	16.86	18.96	15.19	17.36	19.42	<=30	Pass
		Inner_1RB_Left	14.85	16.49	18.76	15.25	16.99	19.22	<=30	Pass
		Inner_1RB_Right	14.54	16.97	18.93	14.94	17.47	19.40	<=30	Pass
	3500.01	Edge_1RB_Left	14.86	16.55	18.80	15.26	17.05	19.26	<=30	Pass
		Edge_1RB_Right	14.53	16.97	18.93	14.93	17.47	19.39	<=30	Pass
		Outer_Full	15.07	16.72	18.99	15.47	17.22	19.44	<=30	Pass
		Inner_Full	14.74	16.88	18.95	15.14	17.38	19.41	<=30	Pass
		Inner_1RB_Left	14.82	16.40	18.69	15.22	16.90	19.15	<=30	Pass
		Inner_1RB_Right	14.52	17.01	18.95	14.92	17.51	19.42	<=30	Pass
	3499.98	Edge_1RB_Left	15.01	16.63	18.91	15.41	17.13	19.36	<=30	Pass
		Edge_1RB_Right	14.64	17.00	18.99	15.04	17.50	19.45	<=30	Pass
		Outer_Full	15.22	16.85	19.12	15.62	17.35	19.58	<=30	Pass
		Inner_Full	14.85	16.95	19.04	15.25	17.45	19.50	<=30	Pass
		Inner_1RB_Left	14.94	16.40	18.74	15.34	16.90	19.20	<=30	Pass
		Inner_1RB_Right	14.63	16.87	18.90	15.03	17.37	19.37	<=30	Pass
Note1: Antenna Gain: Ant3: 0.40dBi; Ant7: 0.50dBi; Note2: ERP Ant 1=Conducted Power 1+Ant Gain-2.15 / ERP Ant 2=Conducted Power 2+Ant Gain-2.15 / Sum=ERP Ant 1+ERP Ant 2										

2. Frequency Stability

2.1 30k_SISO_100MHz

2.1.1 Test Result

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	-14.00	-0.0040	>=-2.5 & <=2.5	Pass
				HV	-19.30	-0.0055	>=-2.5 & <=2.5	Pass
			-30	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-9.50	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-12.20	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-9.30	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-19.60	-0.0056	>=-2.5 & <=2.5	Pass
			30	NV	-7.20	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-13.70	-0.0039	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	20	LV	-9.60	-0.0027	>=-2.5 & <=2.5	Pass
				HV	9.30	0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			-20	NV	-8.90	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-4.80	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-15.20	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	-10.10	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-9.10	-0.0026	>=-2.5 & <=2.5	Pass
			30	NV	-8.10	-0.0023	>=-2.5 & <=2.5	Pass
			40	NV	-9.90	-0.0028	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-20.40	-0.0058	>=-2.5 & <=2.5	Pass
				HV	-14.20	-0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-15.80	-0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	-12.90	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-8.50	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-14.30	-0.0041	>=-2.5 & <=2.5	Pass
			20	NV	-3.10	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-6.80	-0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-21.40	-0.0061	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	20	LV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-12.70	-0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	-14.70	-0.0042	>=-2.5 & <=2.5	Pass
			-20	NV	-14.90	-0.0043	>=-2.5 & <=2.5	Pass
			-10	NV	1.40	0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-11.30	-0.0032	>=-2.5 & <=2.5	Pass
			10	NV	-11.20	-0.0032	>=-2.5 & <=2.5	Pass
			20	NV	-2.60	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-15.70	-0.0045	>=-2.5 & <=2.5	Pass
			40	NV	-11.50	-0.0033	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	20	NV	-16.70	-0.0048	>=-2.5 & <=2.5	Pass
				LV	-8.00	-0.0023	>=-2.5 & <=2.5	Pass
				HV	-17.20	-0.0049	>=-2.5 & <=2.5	Pass

			-30	NV	-13.60	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-15.10	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-13.70	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.60	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-11.30	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-14.40	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-13.40	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-12.30	-0.0035	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3500.01	Outer_Full	20	LV	-10.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass
				HV	-10.80	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-12.10	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.80	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-13.70	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-12.40	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-11.80	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-18.90	-0.0054	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-11.80	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			40	NV	6.50	0.0019	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	20	LV	-10.60	-0.0030	≥ -2.5 & ≤ 2.5	Pass
				HV	-10.40	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-10.40	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-11.20	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-15.40	-0.0044	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-9.80	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.40	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.60	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.80	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.00	-0.0026	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	20	LV	5.00	0.0014	≥ -2.5 & ≤ 2.5	Pass
				HV	-20.10	-0.0057	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-6.90	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.70	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-13.10	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-10.30	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-10.70	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-12.20	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-21.70	-0.0062	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-13.60	-0.0039	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	20	LV	-6.20	-0.0018	≥ -2.5 & ≤ 2.5	Pass
				HV	-9.50	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-3.20	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-14.00	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.30	-0.0029	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-13.30	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.60	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.10	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-16.00	-0.0046	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-14.40	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-15.40	-0.0044	≥ -2.5 & ≤ 2.5	Pass

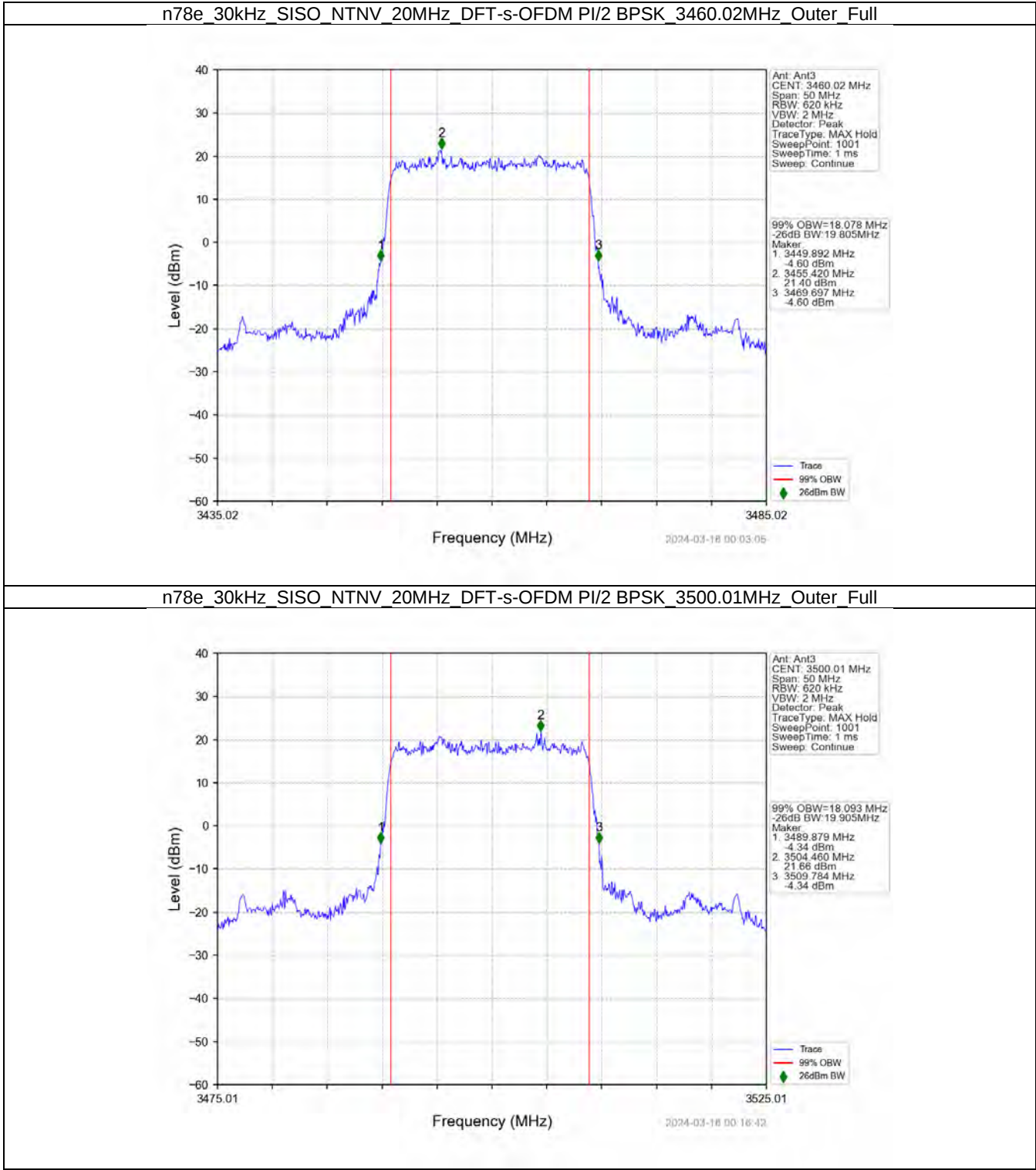
3. 99% & 26dB Bandwidth

3.1 30k_SISO_20MHz_NTNV

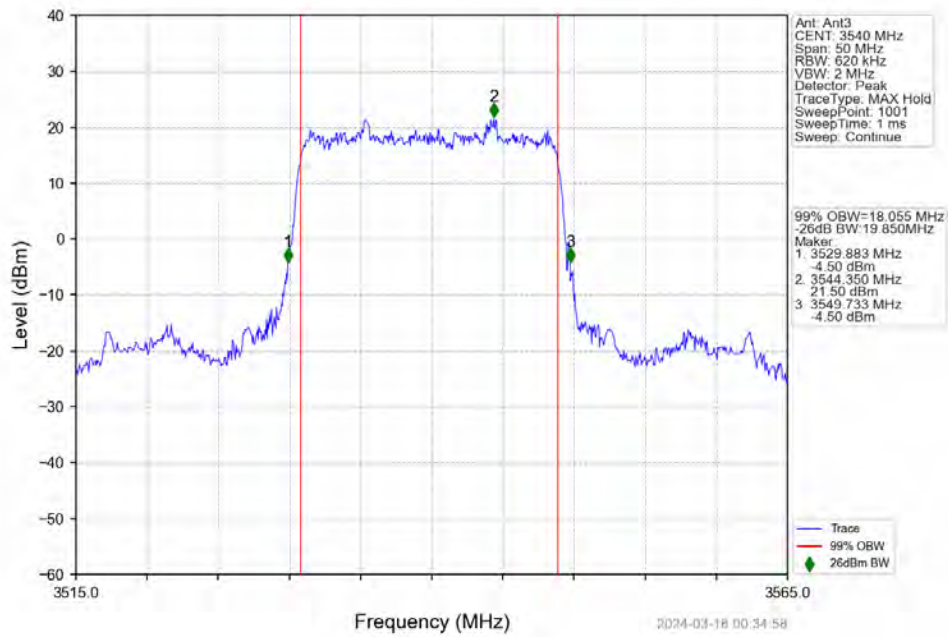
3.1.1 Test Result

5G NR n78e SCS=30kHz SISO 20MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3460.02	Outer_Full	18.08	19.80	/	Pass
	3500.01	Outer_Full	18.09	19.91	/	Pass
	3540	Outer_Full	18.05	19.85	/	Pass
DFT-s-OFDM QPSK	3460.02	Outer_Full	18.16	20.11	/	Pass
	3500.01	Outer_Full	18.16	19.91	/	Pass
	3540	Outer_Full	18.14	19.77	/	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer_Full	18.14	20.03	/	Pass
	3500.01	Outer_Full	18.13	19.85	/	Pass
	3540	Outer_Full	18.12	20.12	/	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	18.15	20.04	/	Pass
	3500.01	Outer_Full	18.15	20.23	/	Pass
	3540	Outer_Full	18.11	19.85	/	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer_Full	18.04	19.88	/	Pass
	3500.01	Outer_Full	18.06	20.18	/	Pass
	3540	Outer_Full	18.07	20.20	/	Pass
CP-OFDM QPSK	3460.02	Outer_Full	18.42	20.77	/	Pass
	3500.01	Outer_Full	18.44	20.69	/	Pass
	3540	Outer_Full	18.46	20.61	/	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	18.45	22.47	/	Pass
	3500.01	Outer_Full	18.44	22.14	/	Pass
	3540	Outer_Full	18.46	20.88	/	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	18.47	23.08	/	Pass
	3500.01	Outer_Full	18.51	23.42	/	Pass
	3540	Outer_Full	18.43	22.87	/	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	18.41	20.27	/	Pass
	3500.01	Outer_Full	18.38	20.38	/	Pass
	3540	Outer_Full	18.36	20.29	/	Pass

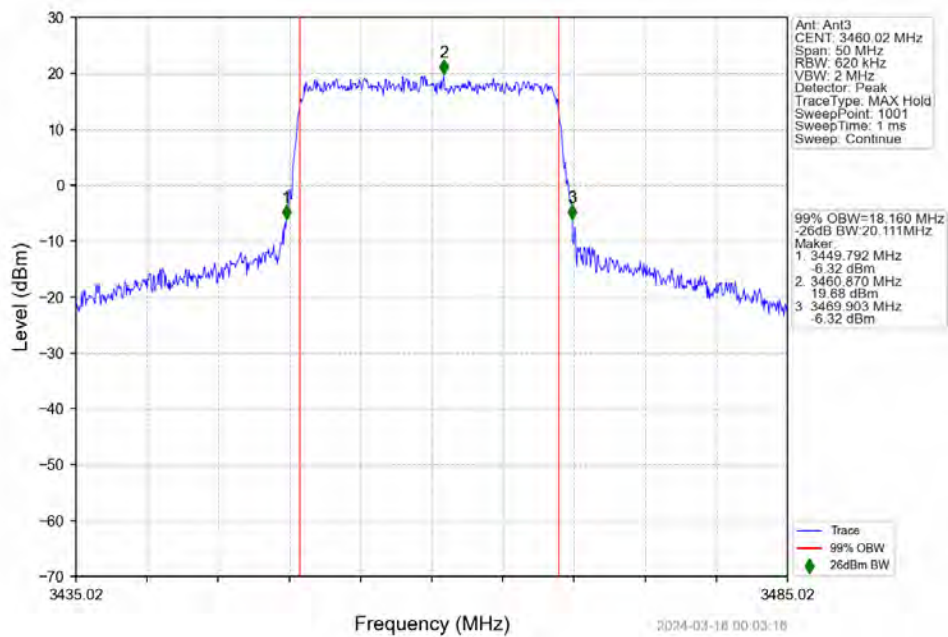
3.1.2 Test Graph



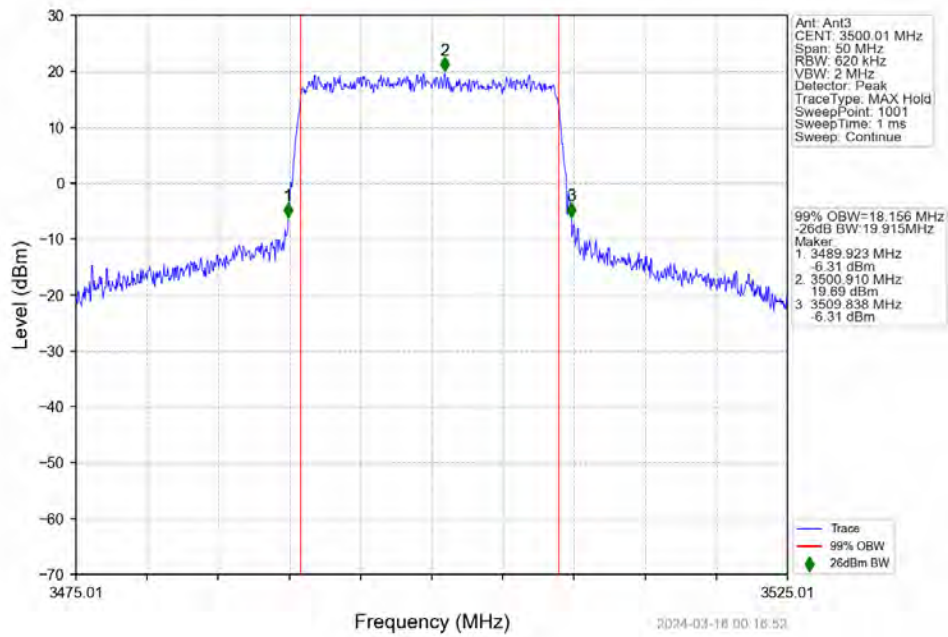
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM PI/2 BPSK 3540MHz Outer Full



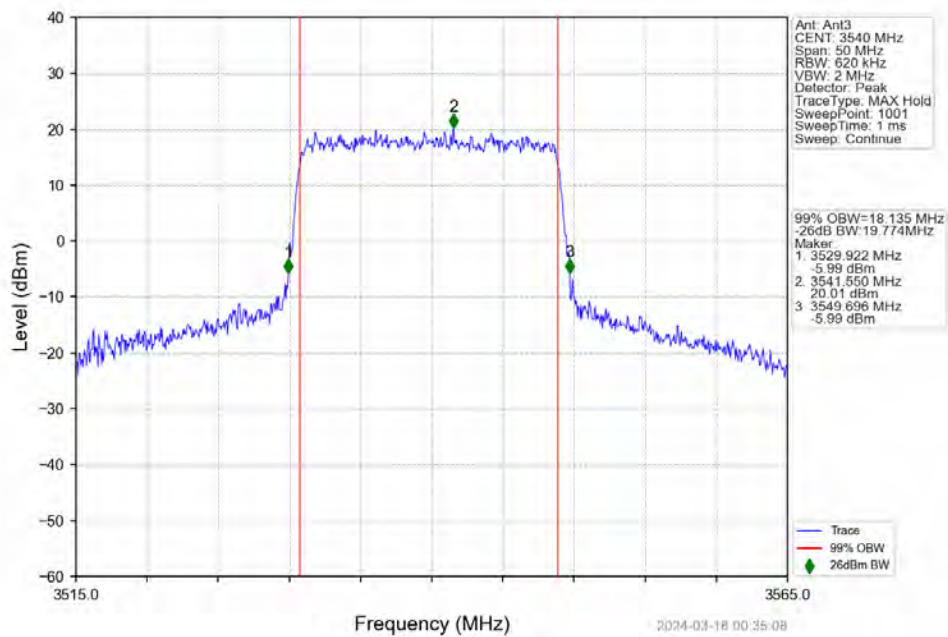
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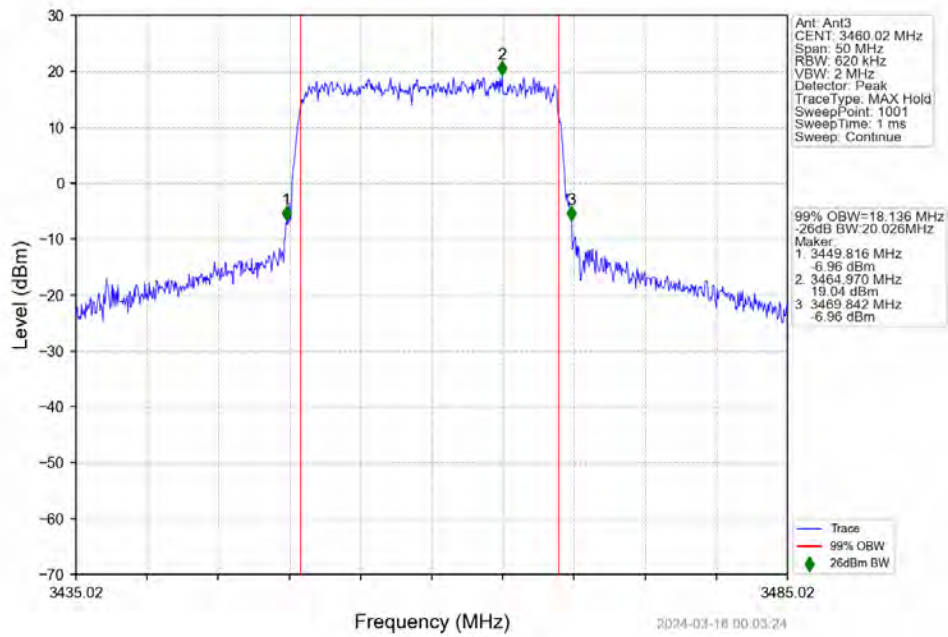
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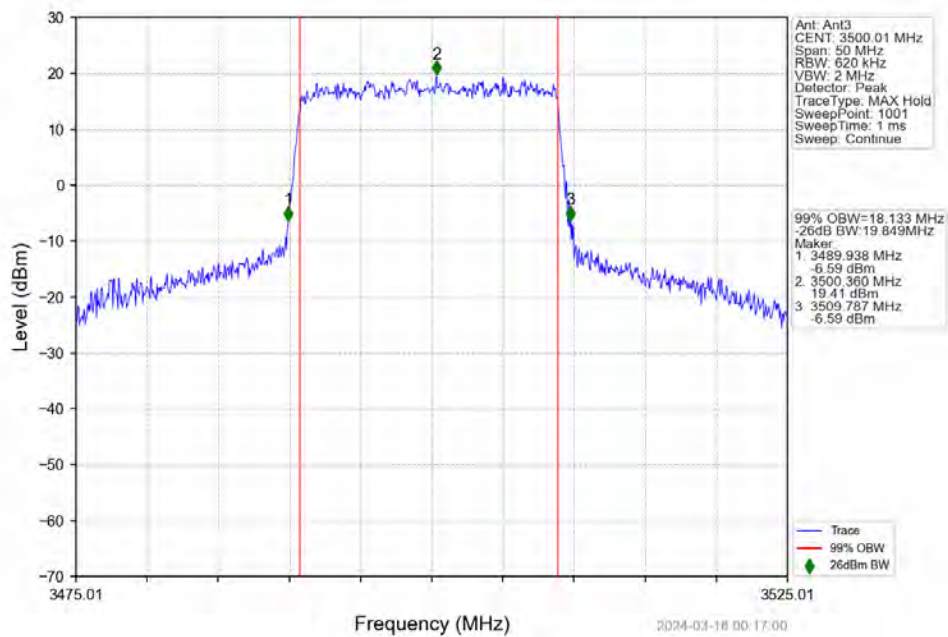
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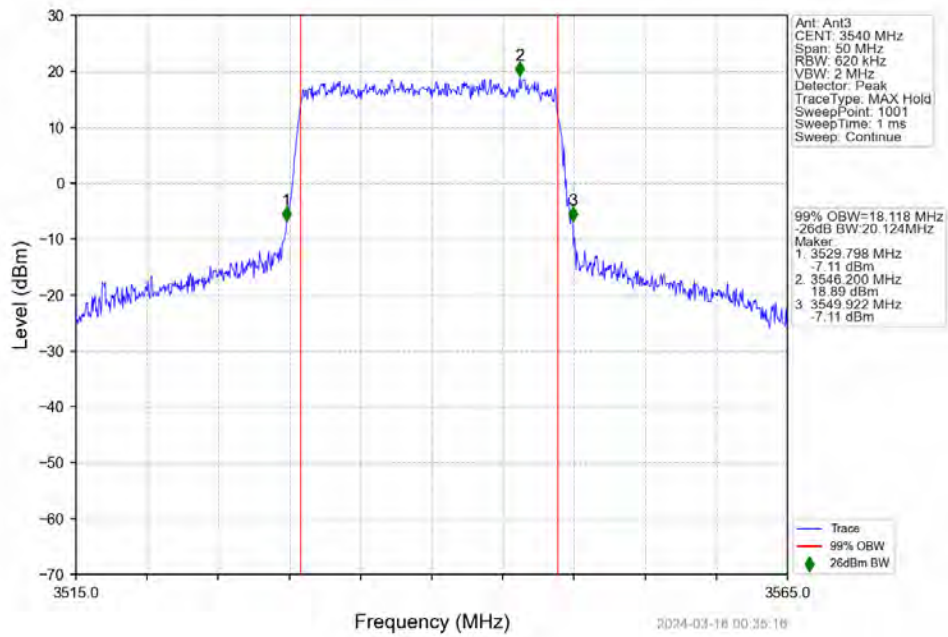
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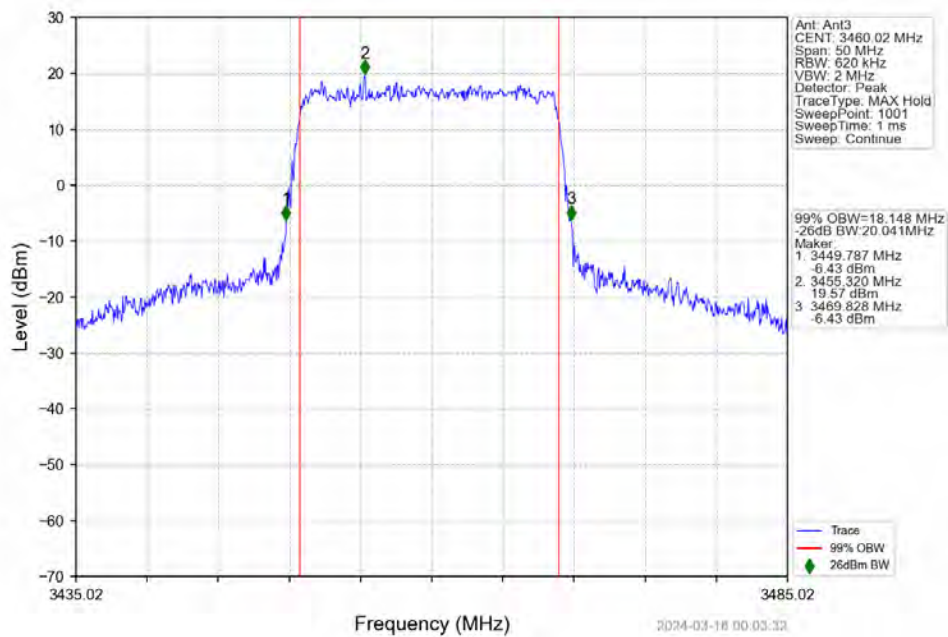
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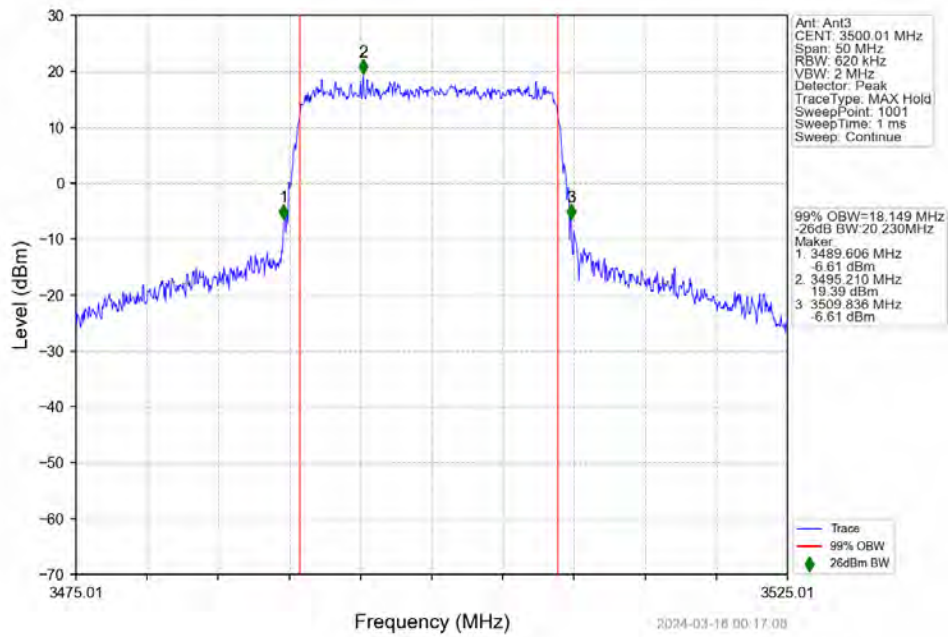
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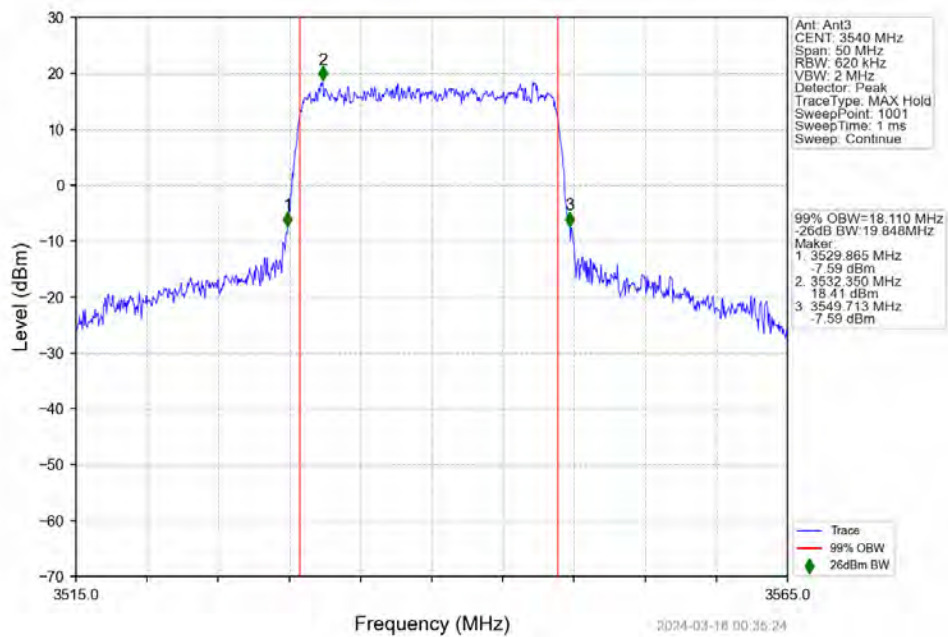
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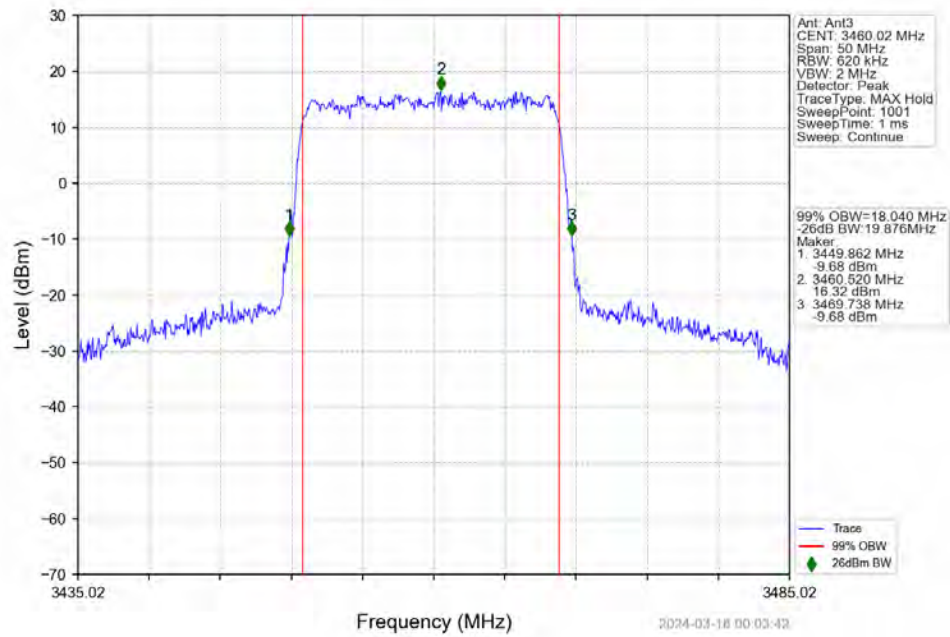
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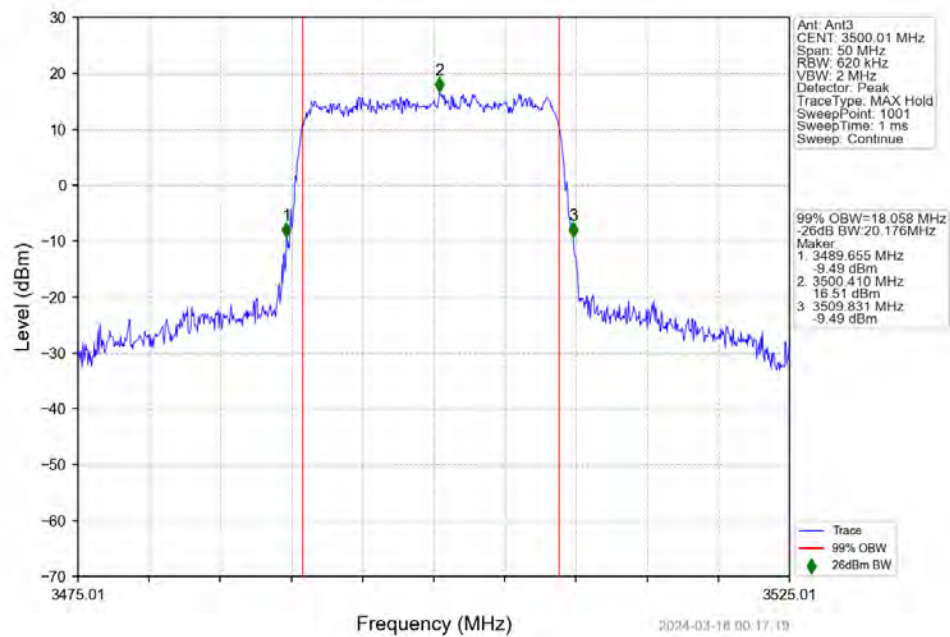
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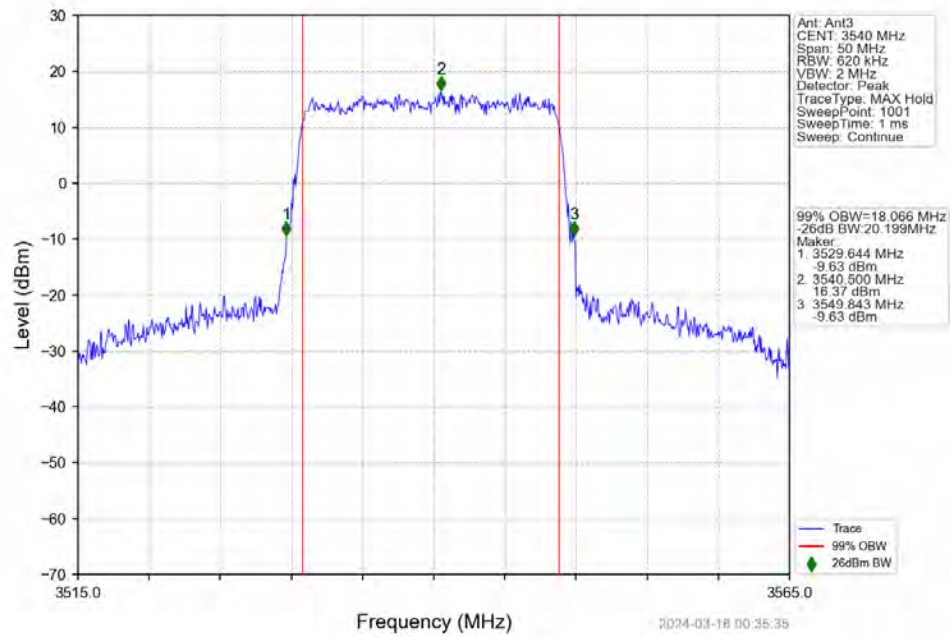
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3460.02MHz Outer Full



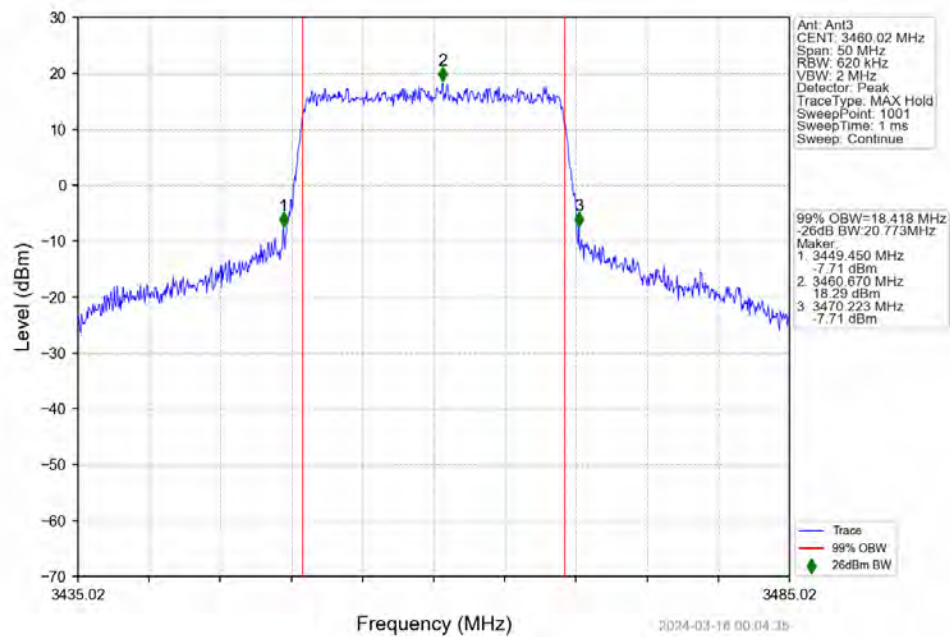
n78e 30kHz SISO NTN 20MHz DFT-s-OFDM 256 QAM 3500.01MHz Outer Full



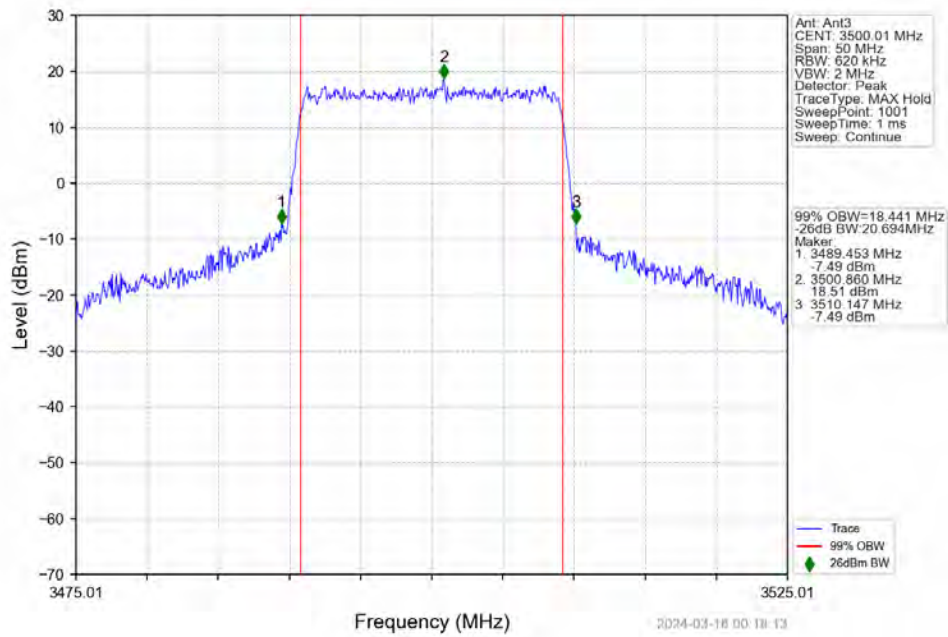
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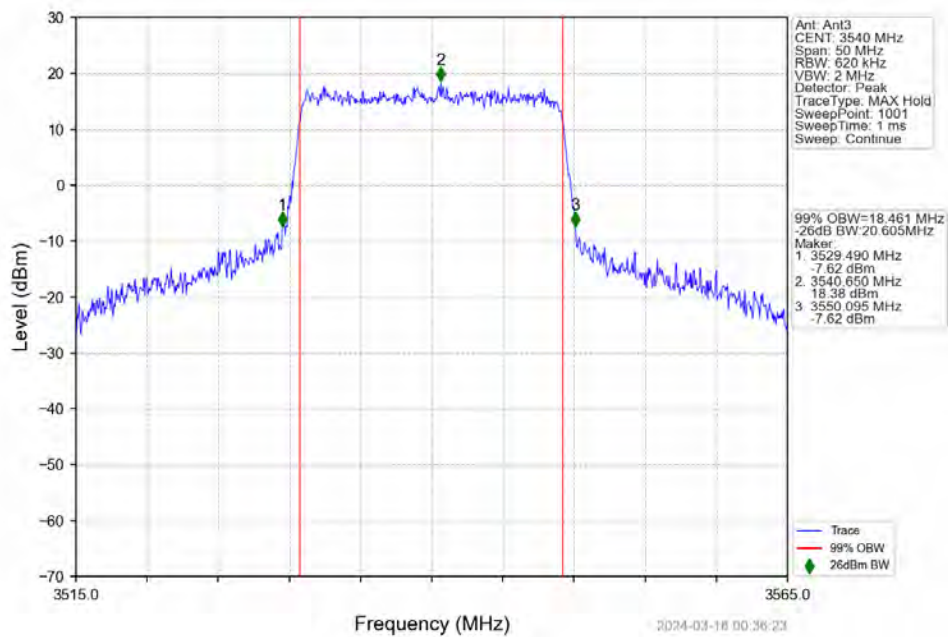
n78e 30kHz SISO NTN 20MHz CP-OFDM QPSK 3460.02MHz Outer Full



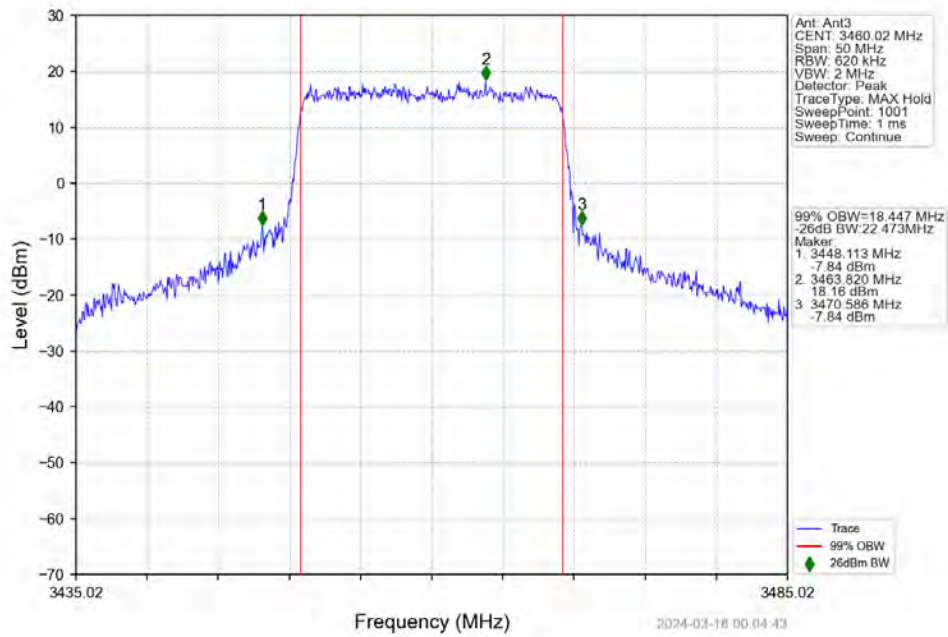
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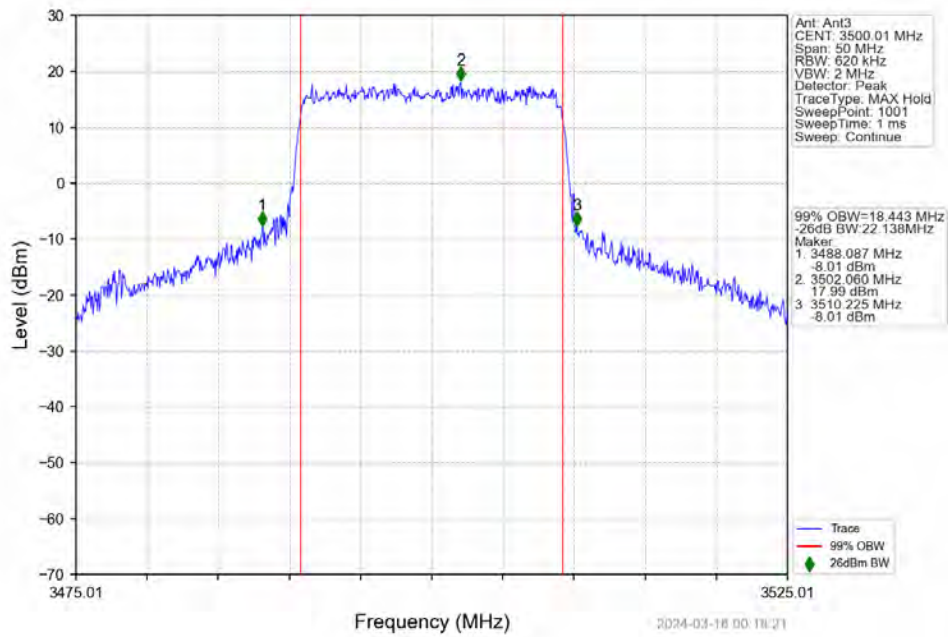
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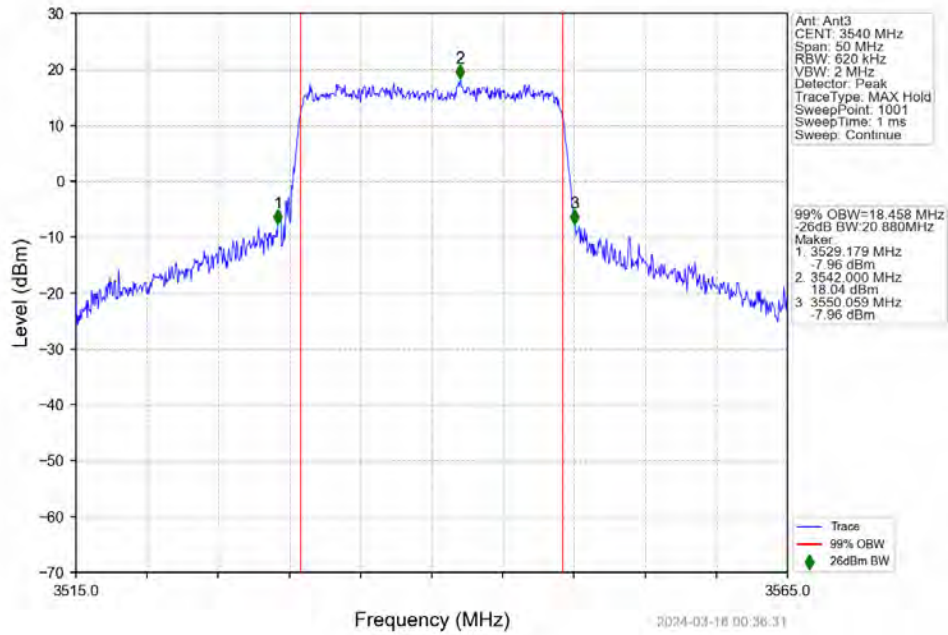
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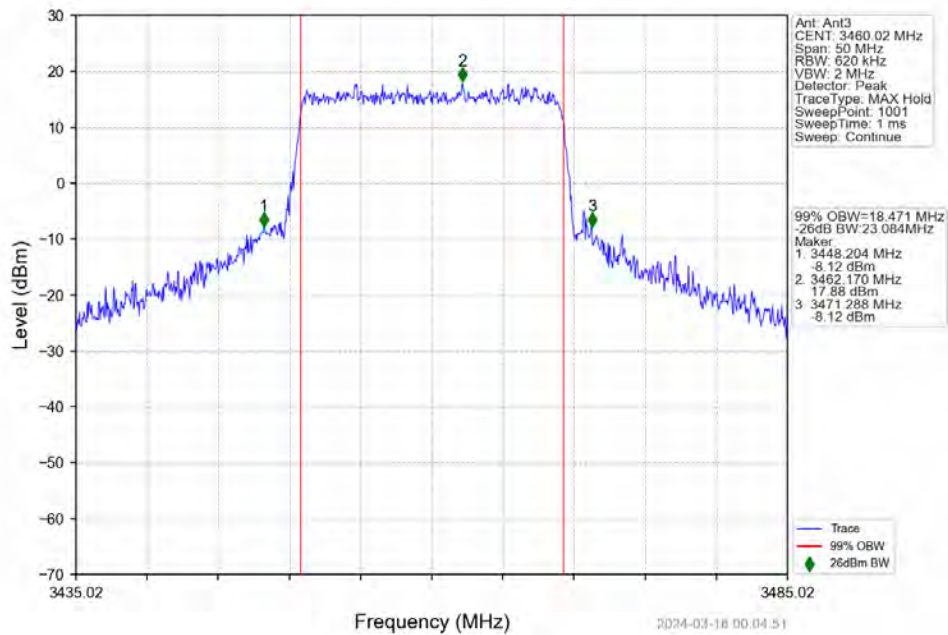
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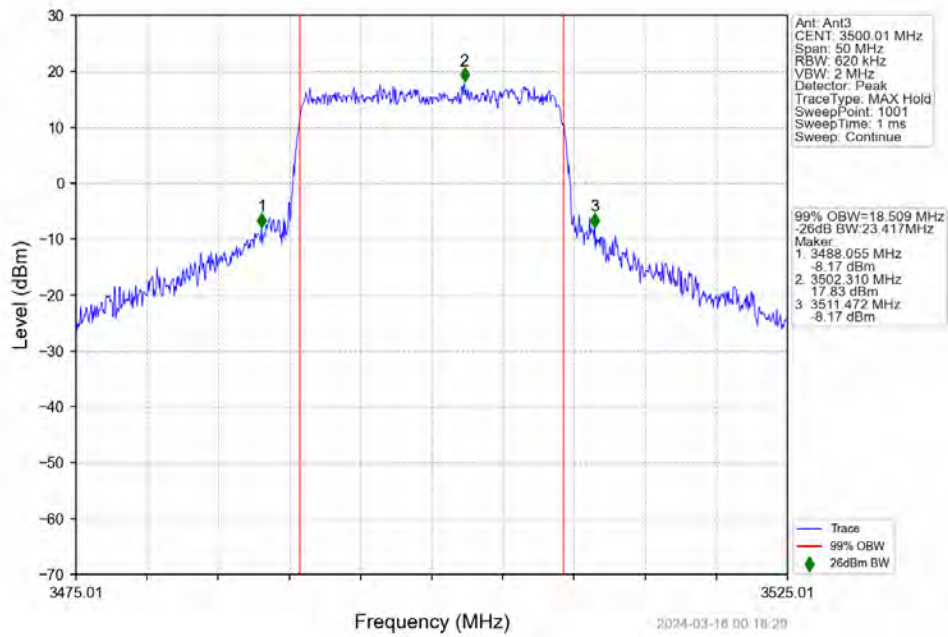
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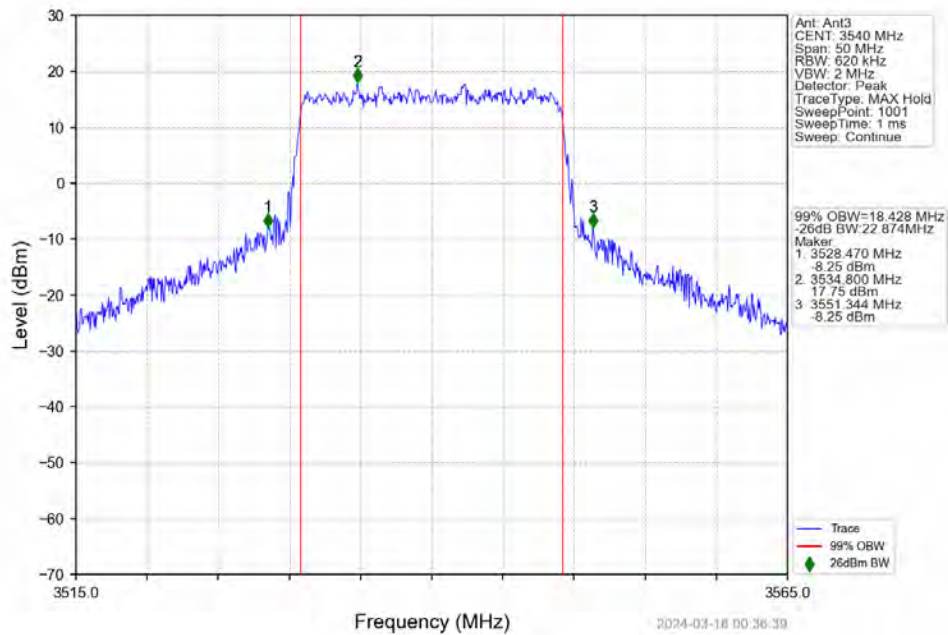
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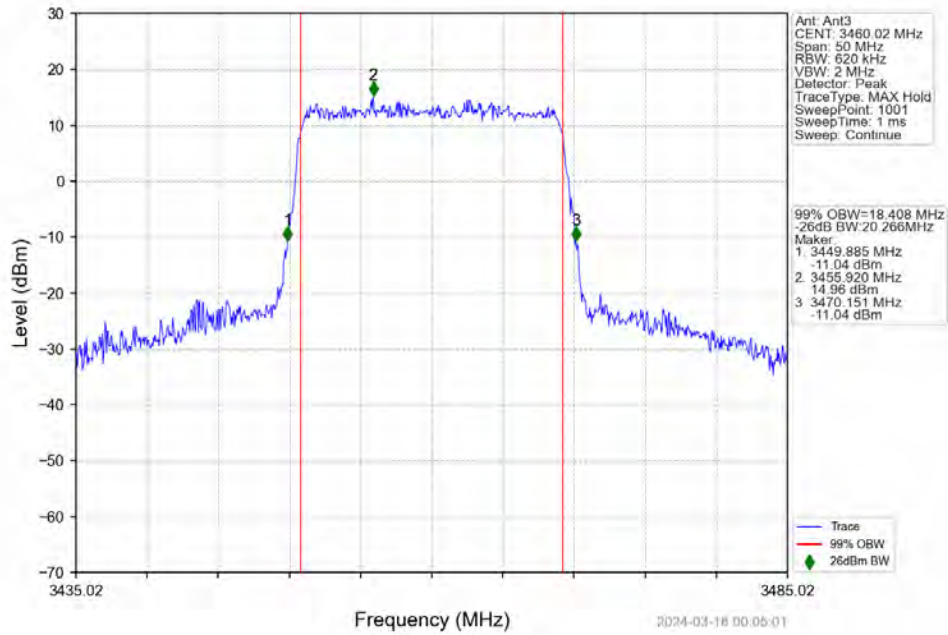
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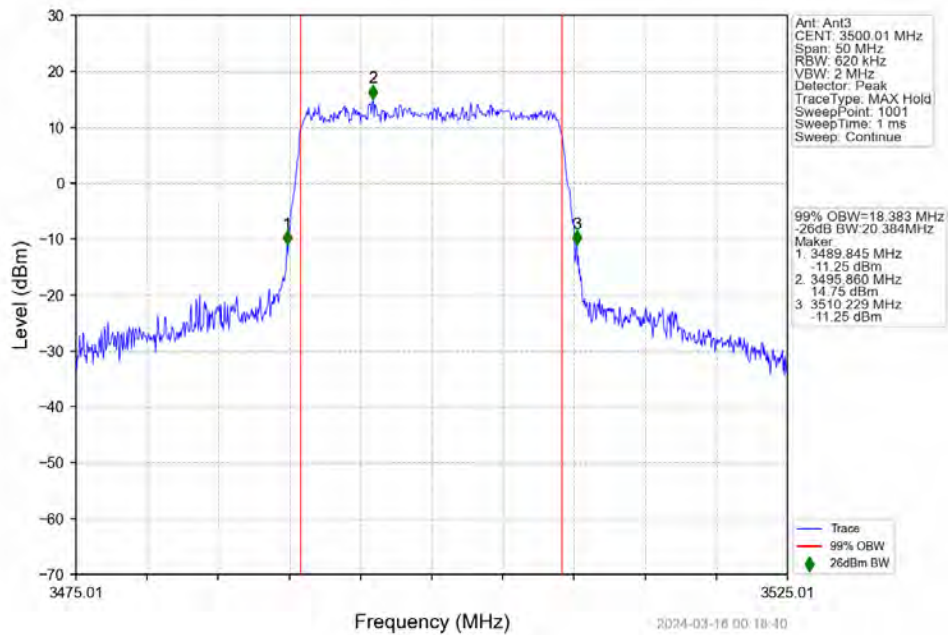
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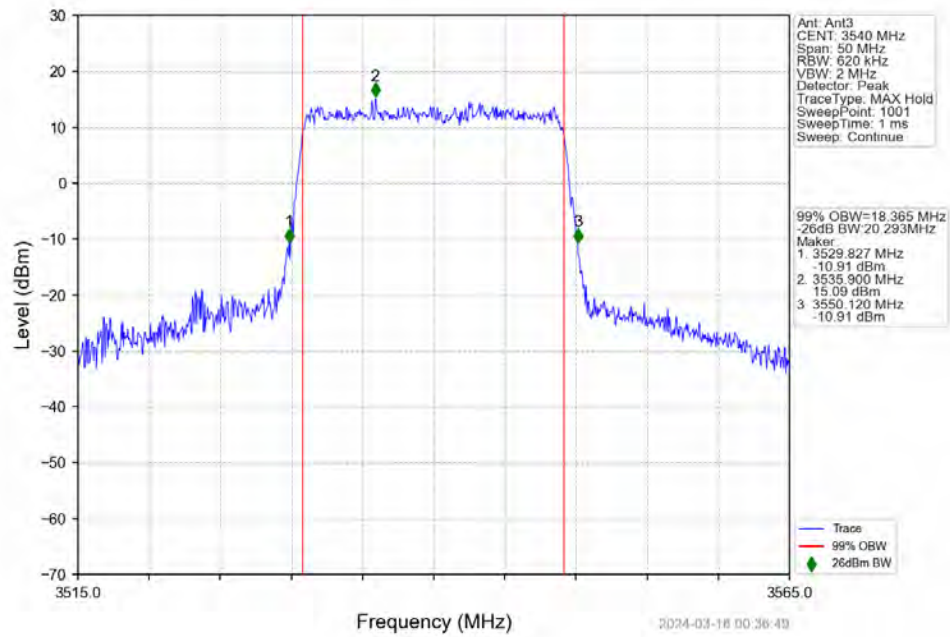
n78e 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3460.02MHz Outer Full



n78e 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3500.01MHz Outer Full



n78e 30kHz SISO NTN 20MHz CP-OFDM 256 QAM 3540MHz Outer Full



3.2 30k_SISO_30MHz_NTNV

3.2.1 Test Result

5G NR n78e SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3465	Outer_Full	27.09	29.71	/	Pass
	3500.01	Outer_Full	27.16	29.34	/	Pass
	3534.99	Outer_Full	27.18	29.57	/	Pass
DFT-s-OFDM QPSK	3465	Outer_Full	27.24	29.47	/	Pass
	3500.01	Outer_Full	27.23	29.50	/	Pass
	3534.99	Outer_Full	27.22	29.50	/	Pass
DFT-s-OFDM 16 QAM	3465	Outer_Full	27.20	29.43	/	Pass
	3500.01	Outer_Full	27.21	29.48	/	Pass
	3534.99	Outer_Full	27.12	29.67	/	Pass
DFT-s-OFDM 64 QAM	3465	Outer_Full	27.18	29.42	/	Pass
	3500.01	Outer_Full	27.14	29.65	/	Pass
	3534.99	Outer_Full	27.14	29.53	/	Pass
DFT-s-OFDM 256 QAM	3465	Outer_Full	27.23	29.71	/	Pass
	3500.01	Outer_Full	27.20	29.56	/	Pass
	3534.99	Outer_Full	27.19	29.68	/	Pass
CP-OFDM QPSK	3465	Outer_Full	28.25	32.11	/	Pass
	3500.01	Outer_Full	28.21	32.98	/	Pass
	3534.99	Outer_Full	28.16	32.99	/	Pass
CP-OFDM 16 QAM	3465	Outer_Full	28.15	30.47	/	Pass
	3500.01	Outer_Full	28.22	31.93	/	Pass
	3534.99	Outer_Full	28.27	31.54	/	Pass
CP-OFDM 64 QAM	3465	Outer_Full	28.12	31.23	/	Pass
	3500.01	Outer_Full	28.12	31.02	/	Pass
	3534.99	Outer_Full	28.16	31.21	/	Pass
CP-OFDM 256 QAM	3465	Outer_Full	28.15	30.42	/	Pass
	3500.01	Outer_Full	28.12	30.36	/	Pass
	3534.99	Outer_Full	28.15	30.51	/	Pass

3.2.2 Test Graph

