

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_ERP

5G NR n71 SCS=15kHz SISO 5MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	665.5	Outer_Full	23.70	/	/	22.77	/	/	<=34.77	Pass
		Inner_Full	24.23	/	/	23.30	/	/	<=34.77	Pass
		Inner_1RB_Left	24.12	/	/	23.19	/	/	<=34.77	Pass
		Inner_1RB_Right	24.26	/	/	23.33	/	/	<=34.77	Pass
	680.5	Outer_Full	23.80	/	/	22.87	/	/	<=34.77	Pass
		Inner_Full	24.31	/	/	23.38	/	/	<=34.77	Pass
		Inner_1RB_Left	24.35	/	/	23.42	/	/	<=34.77	Pass
		Inner_1RB_Right	24.35	/	/	23.42	/	/	<=34.77	Pass
	695.5	Outer_Full	23.55	/	/	22.62	/	/	<=34.77	Pass
		Inner_Full	24.21	/	/	23.28	/	/	<=34.77	Pass
		Inner_1RB_Left	24.05	/	/	23.12	/	/	<=34.77	Pass
		Inner_1RB_Right	24.09	/	/	23.16	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	665.5	Outer_Full	23.26	/	/	22.33	/	/	<=34.77	Pass
		Inner_Full	24.26	/	/	23.33	/	/	<=34.77	Pass
		Inner_1RB_Left	24.12	/	/	23.19	/	/	<=34.77	Pass
		Inner_1RB_Right	24.26	/	/	23.33	/	/	<=34.77	Pass
	680.5	Outer_Full	23.36	/	/	22.43	/	/	<=34.77	Pass
		Inner_Full	24.36	/	/	23.43	/	/	<=34.77	Pass
		Inner_1RB_Left	24.30	/	/	23.37	/	/	<=34.77	Pass
		Inner_1RB_Right	24.19	/	/	23.26	/	/	<=34.77	Pass
	695.5	Outer_Full	23.10	/	/	22.17	/	/	<=34.77	Pass
		Inner_Full	24.17	/	/	23.24	/	/	<=34.77	Pass
		Inner_1RB_Left	24.10	/	/	23.17	/	/	<=34.77	Pass
		Inner_1RB_Right	24.18	/	/	23.25	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	665.5	Outer_Full	22.23	/	/	21.30	/	/	<=34.77	Pass
		Inner_Full	23.26	/	/	22.33	/	/	<=34.77	Pass
		Inner_1RB_Left	23.01	/	/	22.08	/	/	<=34.77	Pass
		Inner_1RB_Right	23.17	/	/	22.24	/	/	<=34.77	Pass
	680.5	Outer_Full	22.30	/	/	21.37	/	/	<=34.77	Pass
		Inner_Full	23.38	/	/	22.45	/	/	<=34.77	Pass
		Inner_1RB_Left	23.34	/	/	22.41	/	/	<=34.77	Pass
		Inner_1RB_Right	23.18	/	/	22.25	/	/	<=34.77	Pass
	695.5	Outer_Full	22.16	/	/	21.23	/	/	<=34.77	Pass
		Inner_Full	23.13	/	/	22.20	/	/	<=34.77	Pass
		Inner_1RB_Left	23.05	/	/	22.12	/	/	<=34.77	Pass
		Inner_1RB_Right	22.98	/	/	22.05	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	665.5	Outer_Full	21.70	/	/	20.77	/	/	<=34.77	Pass
		Inner_Full	21.68	/	/	20.75	/	/	<=34.77	Pass
		Inner_1RB_Left	21.76	/	/	20.83	/	/	<=34.77	Pass
		Inner_1RB_Right	21.94	/	/	21.01	/	/	<=34.77	Pass
	680.5	Outer_Full	21.81	/	/	20.88	/	/	<=34.77	Pass
		Inner_Full	21.85	/	/	20.92	/	/	<=34.77	Pass
		Inner_1RB_Left	22.02	/	/	21.09	/	/	<=34.77	Pass
		Inner_1RB_Right	21.93	/	/	21.00	/	/	<=34.77	Pass
	695.5	Outer_Full	21.62	/	/	20.69	/	/	<=34.77	Pass
		Inner_Full	21.71	/	/	20.78	/	/	<=34.77	Pass
		Inner_1RB_Left	21.74	/	/	20.81	/	/	<=34.77	Pass
		Inner_1RB_Right	21.76	/	/	20.83	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	665.5	Outer_Full	19.60	/	/	18.67	/	/	<=34.77	Pass
		Inner_Full	19.65	/	/	18.72	/	/	<=34.77	Pass
		Inner_1RB_Left	19.17	/	/	18.24	/	/	<=34.77	Pass

	680.5	Inner_1RB_Right	19.22	/	/	18.29	/	/	<=34.77	Pass
		Outer_Full	19.81	/	/	18.88	/	/	<=34.77	Pass
		Inner_Full	19.81	/	/	18.88	/	/	<=34.77	Pass
		Inner_1RB_Left	19.30	/	/	18.37	/	/	<=34.77	Pass
		Inner_1RB_Right	19.19	/	/	18.26	/	/	<=34.77	Pass
	695.5	Outer_Full	19.60	/	/	18.67	/	/	<=34.77	Pass
		Inner_Full	19.58	/	/	18.65	/	/	<=34.77	Pass
		Inner_1RB_Left	19.03	/	/	18.10	/	/	<=34.77	Pass
		Inner_1RB_Right	19.06	/	/	18.13	/	/	<=34.77	Pass
	CP-OFDM QPSK	665.5	Outer_Full	21.27	/	/	20.34	/	/	<=34.77
Inner_Full			22.77	/	/	21.84	/	/	<=34.77	Pass
Inner_1RB_Left			22.70	/	/	21.77	/	/	<=34.77	Pass
Inner_1RB_Right			22.95	/	/	22.02	/	/	<=34.77	Pass
680.5		Outer_Full	21.46	/	/	20.53	/	/	<=34.77	Pass
		Inner_Full	22.94	/	/	22.01	/	/	<=34.77	Pass
		Inner_1RB_Left	23.09	/	/	22.16	/	/	<=34.77	Pass
		Inner_1RB_Right	22.99	/	/	22.06	/	/	<=34.77	Pass
695.5		Outer_Full	21.22	/	/	20.29	/	/	<=34.77	Pass
		Inner_Full	22.73	/	/	21.80	/	/	<=34.77	Pass
		Inner_1RB_Left	22.84	/	/	21.91	/	/	<=34.77	Pass
		Inner_1RB_Right	22.82	/	/	21.89	/	/	<=34.77	Pass
CP-OFDM 16 QAM	665.5	Outer_Full	21.35	/	/	20.42	/	/	<=34.77	Pass
		Inner_Full	22.01	/	/	21.08	/	/	<=34.77	Pass
		Inner_1RB_Left	22.37	/	/	21.44	/	/	<=34.77	Pass
		Inner_1RB_Right	22.43	/	/	21.50	/	/	<=34.77	Pass
	680.5	Outer_Full	21.45	/	/	20.52	/	/	<=34.77	Pass
		Inner_Full	22.05	/	/	21.12	/	/	<=34.77	Pass
		Inner_1RB_Left	22.41	/	/	21.48	/	/	<=34.77	Pass
		Inner_1RB_Right	22.45	/	/	21.52	/	/	<=34.77	Pass
	695.5	Outer_Full	21.13	/	/	20.20	/	/	<=34.77	Pass
		Inner_Full	21.93	/	/	21.00	/	/	<=34.77	Pass
		Inner_1RB_Left	22.27	/	/	21.34	/	/	<=34.77	Pass
		Inner_1RB_Right	22.27	/	/	21.34	/	/	<=34.77	Pass
CP-OFDM 64 QAM	665.5	Outer_Full	20.65	/	/	19.72	/	/	<=34.77	Pass
		Inner_Full	20.73	/	/	19.80	/	/	<=34.77	Pass
		Inner_1RB_Left	20.75	/	/	19.82	/	/	<=34.77	Pass
		Inner_1RB_Right	20.90	/	/	19.97	/	/	<=34.77	Pass
	680.5	Outer_Full	20.82	/	/	19.89	/	/	<=34.77	Pass
		Inner_Full	20.78	/	/	19.85	/	/	<=34.77	Pass
		Inner_1RB_Left	20.83	/	/	19.90	/	/	<=34.77	Pass
		Inner_1RB_Right	20.85	/	/	19.92	/	/	<=34.77	Pass
	695.5	Outer_Full	20.61	/	/	19.68	/	/	<=34.77	Pass
		Inner_Full	20.71	/	/	19.78	/	/	<=34.77	Pass
		Inner_1RB_Left	20.70	/	/	19.77	/	/	<=34.77	Pass
		Inner_1RB_Right	20.68	/	/	19.75	/	/	<=34.77	Pass
CP-OFDM 256 QAM	665.5	Outer_Full	17.76	/	/	16.83	/	/	<=34.77	Pass
		Inner_Full	17.76	/	/	16.83	/	/	<=34.77	Pass
		Inner_1RB_Left	17.23	/	/	16.30	/	/	<=34.77	Pass
		Inner_1RB_Right	17.23	/	/	16.30	/	/	<=34.77	Pass
	680.5	Outer_Full	17.80	/	/	16.87	/	/	<=34.77	Pass
		Inner_Full	17.86	/	/	16.93	/	/	<=34.77	Pass
		Inner_1RB_Left	17.35	/	/	16.42	/	/	<=34.77	Pass
		Inner_1RB_Right	17.26	/	/	16.33	/	/	<=34.77	Pass
	695.5	Outer_Full	17.63	/	/	16.70	/	/	<=34.77	Pass
		Inner_Full	17.65	/	/	16.72	/	/	<=34.77	Pass
		Inner_1RB_Left	17.27	/	/	16.34	/	/	<=34.77	Pass
		Inner_1RB_Right	17.39	/	/	16.46	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: 1.22dBi; Ant2: 1.22dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15_S_10M_NTNV_ERP

5G NR n71 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	668	Outer_Full	23.75	/	/	22.82	/	/	<=34.77	Pass
		Inner_Full	24.27	/	/	23.34	/	/	<=34.77	Pass
		Inner_1RB_Left	24.25	/	/	23.32	/	/	<=34.77	Pass
		Inner_1RB_Right	24.40	/	/	23.47	/	/	<=34.77	Pass
	680.5	Outer_Full	23.81	/	/	22.88	/	/	<=34.77	Pass
		Inner_Full	24.38	/	/	23.45	/	/	<=34.77	Pass
		Inner_1RB_Left	24.27	/	/	23.34	/	/	<=34.77	Pass
		Inner_1RB_Right	24.29	/	/	23.36	/	/	<=34.77	Pass
	693	Outer_Full	23.65	/	/	22.72	/	/	<=34.77	Pass
		Inner_Full	24.21	/	/	23.28	/	/	<=34.77	Pass
		Inner_1RB_Left	24.33	/	/	23.40	/	/	<=34.77	Pass
		Inner_1RB_Right	24.25	/	/	23.32	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	668	Outer_Full	23.28	/	/	22.35	/	/	<=34.77	Pass
		Inner_Full	24.25	/	/	23.32	/	/	<=34.77	Pass
		Inner_1RB_Left	24.25	/	/	23.32	/	/	<=34.77	Pass
		Inner_1RB_Right	24.44	/	/	23.51	/	/	<=34.77	Pass
	680.5	Outer_Full	23.28	/	/	22.35	/	/	<=34.77	Pass
		Inner_Full	24.34	/	/	23.41	/	/	<=34.77	Pass
		Inner_1RB_Left	24.28	/	/	23.35	/	/	<=34.77	Pass
		Inner_1RB_Right	24.25	/	/	23.32	/	/	<=34.77	Pass
	693	Outer_Full	23.13	/	/	22.20	/	/	<=34.77	Pass
		Inner_Full	24.26	/	/	23.33	/	/	<=34.77	Pass
		Inner_1RB_Left	24.23	/	/	23.30	/	/	<=34.77	Pass
		Inner_1RB_Right	24.17	/	/	23.24	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	668	Outer_Full	22.23	/	/	21.30	/	/	<=34.77	Pass
		Inner_Full	23.22	/	/	22.29	/	/	<=34.77	Pass
		Inner_1RB_Left	22.94	/	/	22.01	/	/	<=34.77	Pass
		Inner_1RB_Right	23.40	/	/	22.47	/	/	<=34.77	Pass
	680.5	Outer_Full	22.31	/	/	21.38	/	/	<=34.77	Pass
		Inner_Full	23.32	/	/	22.39	/	/	<=34.77	Pass
		Inner_1RB_Left	23.30	/	/	22.37	/	/	<=34.77	Pass
		Inner_1RB_Right	23.04	/	/	22.11	/	/	<=34.77	Pass
	693	Outer_Full	22.16	/	/	21.23	/	/	<=34.77	Pass
		Inner_Full	23.11	/	/	22.18	/	/	<=34.77	Pass
		Inner_1RB_Left	22.96	/	/	22.03	/	/	<=34.77	Pass
		Inner_1RB_Right	22.96	/	/	22.03	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	668	Outer_Full	21.76	/	/	20.83	/	/	<=34.77	Pass
		Inner_Full	21.70	/	/	20.77	/	/	<=34.77	Pass
		Inner_1RB_Left	21.73	/	/	20.80	/	/	<=34.77	Pass
		Inner_1RB_Right	22.02	/	/	21.09	/	/	<=34.77	Pass
	680.5	Outer_Full	21.87	/	/	20.94	/	/	<=34.77	Pass
		Inner_Full	21.80	/	/	20.87	/	/	<=34.77	Pass
		Inner_1RB_Left	21.88	/	/	20.95	/	/	<=34.77	Pass
		Inner_1RB_Right	21.82	/	/	20.89	/	/	<=34.77	Pass
	693	Outer_Full	21.77	/	/	20.84	/	/	<=34.77	Pass
		Inner_Full	21.71	/	/	20.78	/	/	<=34.77	Pass
		Inner_1RB_Left	21.67	/	/	20.74	/	/	<=34.77	Pass
		Inner_1RB_Right	21.79	/	/	20.86	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	668	Outer_Full	19.64	/	/	18.71	/	/	<=34.77	Pass
		Inner_Full	19.58	/	/	18.65	/	/	<=34.77	Pass
		Inner_1RB_Left	19.13	/	/	18.20	/	/	<=34.77	Pass
		Inner_1RB_Right	19.34	/	/	18.41	/	/	<=34.77	Pass

	680.5	Outer_Full	19.83	/	/	18.90	/	/	<=34.77	Pass
		Inner_Full	19.73	/	/	18.80	/	/	<=34.77	Pass
		Inner_1RB_Left	19.24	/	/	18.31	/	/	<=34.77	Pass
		Inner_1RB_Right	19.14	/	/	18.21	/	/	<=34.77	Pass
	693	Outer_Full	19.62	/	/	18.69	/	/	<=34.77	Pass
		Inner_Full	19.57	/	/	18.64	/	/	<=34.77	Pass
		Inner_1RB_Left	19.08	/	/	18.15	/	/	<=34.77	Pass
		Inner_1RB_Right	19.09	/	/	18.16	/	/	<=34.77	Pass
CP-OFDM QPSK	668	Outer_Full	21.27	/	/	20.34	/	/	<=34.77	Pass
		Inner_Full	22.76	/	/	21.83	/	/	<=34.77	Pass
		Inner_1RB_Left	22.73	/	/	21.80	/	/	<=34.77	Pass
		Inner_1RB_Right	23.07	/	/	22.14	/	/	<=34.77	Pass
	680.5	Outer_Full	21.33	/	/	20.40	/	/	<=34.77	Pass
		Inner_Full	22.72	/	/	21.79	/	/	<=34.77	Pass
		Inner_1RB_Left	22.94	/	/	22.01	/	/	<=34.77	Pass
		Inner_1RB_Right	22.86	/	/	21.93	/	/	<=34.77	Pass
	693	Outer_Full	21.20	/	/	20.27	/	/	<=34.77	Pass
		Inner_Full	22.69	/	/	21.76	/	/	<=34.77	Pass
		Inner_1RB_Left	22.77	/	/	21.84	/	/	<=34.77	Pass
		Inner_1RB_Right	22.81	/	/	21.88	/	/	<=34.77	Pass
CP-OFDM 16 QAM	668	Outer_Full	21.26	/	/	20.33	/	/	<=34.77	Pass
		Inner_Full	22.16	/	/	21.23	/	/	<=34.77	Pass
		Inner_1RB_Left	22.23	/	/	21.30	/	/	<=34.77	Pass
		Inner_1RB_Right	22.43	/	/	21.50	/	/	<=34.77	Pass
	680.5	Outer_Full	21.31	/	/	20.38	/	/	<=34.77	Pass
		Inner_Full	22.28	/	/	21.35	/	/	<=34.77	Pass
		Inner_1RB_Left	22.45	/	/	21.52	/	/	<=34.77	Pass
		Inner_1RB_Right	22.37	/	/	21.44	/	/	<=34.77	Pass
	693	Outer_Full	21.25	/	/	20.32	/	/	<=34.77	Pass
		Inner_Full	22.14	/	/	21.21	/	/	<=34.77	Pass
		Inner_1RB_Left	22.20	/	/	21.27	/	/	<=34.77	Pass
		Inner_1RB_Right	22.27	/	/	21.34	/	/	<=34.77	Pass
CP-OFDM 64 QAM	668	Outer_Full	20.70	/	/	19.77	/	/	<=34.77	Pass
		Inner_Full	20.70	/	/	19.77	/	/	<=34.77	Pass
		Inner_1RB_Left	20.70	/	/	19.77	/	/	<=34.77	Pass
		Inner_1RB_Right	20.94	/	/	20.01	/	/	<=34.77	Pass
	680.5	Outer_Full	20.79	/	/	19.86	/	/	<=34.77	Pass
		Inner_Full	20.85	/	/	19.92	/	/	<=34.77	Pass
		Inner_1RB_Left	20.90	/	/	19.97	/	/	<=34.77	Pass
		Inner_1RB_Right	20.87	/	/	19.94	/	/	<=34.77	Pass
	693	Outer_Full	20.63	/	/	19.70	/	/	<=34.77	Pass
		Inner_Full	20.67	/	/	19.74	/	/	<=34.77	Pass
		Inner_1RB_Left	20.67	/	/	19.74	/	/	<=34.77	Pass
		Inner_1RB_Right	20.68	/	/	19.75	/	/	<=34.77	Pass
CP-OFDM 256 QAM	668	Outer_Full	17.73	/	/	16.80	/	/	<=34.77	Pass
		Inner_Full	17.71	/	/	16.78	/	/	<=34.77	Pass
		Inner_1RB_Left	17.21	/	/	16.28	/	/	<=34.77	Pass
		Inner_1RB_Right	17.50	/	/	16.57	/	/	<=34.77	Pass
	680.5	Outer_Full	17.74	/	/	16.81	/	/	<=34.77	Pass
		Inner_Full	17.82	/	/	16.89	/	/	<=34.77	Pass
		Inner_1RB_Left	17.38	/	/	16.45	/	/	<=34.77	Pass
		Inner_1RB_Right	17.34	/	/	16.41	/	/	<=34.77	Pass
	693	Outer_Full	17.54	/	/	16.61	/	/	<=34.77	Pass
		Inner_Full	17.60	/	/	16.67	/	/	<=34.77	Pass
		Inner_1RB_Left	17.25	/	/	16.32	/	/	<=34.77	Pass
		Inner_1RB_Right	17.30	/	/	16.37	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: 1.22dBi; Ant2: 1.22dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.3 15_S_15M_NTNV_ERP

5G NR n71 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	670.5	Outer Full	23.82	/	/	22.89	/	/	<=34.77	Pass
		Inner Full	24.43	/	/	23.50	/	/	<=34.77	Pass
		Inner 1RB Left	23.99	/	/	23.06	/	/	<=34.77	Pass
		Inner 1RB Right	24.41	/	/	23.48	/	/	<=34.77	Pass
	680.5	Outer Full	23.91	/	/	22.98	/	/	<=34.77	Pass
		Inner Full	24.41	/	/	23.48	/	/	<=34.77	Pass
		Inner 1RB Left	24.44	/	/	23.51	/	/	<=34.77	Pass
		Inner 1RB Right	24.44	/	/	23.51	/	/	<=34.77	Pass
	690.5	Outer Full	23.65	/	/	22.72	/	/	<=34.77	Pass
		Inner Full	24.33	/	/	23.40	/	/	<=34.77	Pass
		Inner 1RB Left	24.21	/	/	23.28	/	/	<=34.77	Pass
		Inner 1RB Right	24.29	/	/	23.36	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	670.5	Outer Full	23.32	/	/	22.39	/	/	<=34.77	Pass
		Inner Full	24.42	/	/	23.49	/	/	<=34.77	Pass
		Inner 1RB Left	23.97	/	/	23.04	/	/	<=34.77	Pass
		Inner 1RB Right	24.31	/	/	23.38	/	/	<=34.77	Pass
	680.5	Outer Full	23.46	/	/	22.53	/	/	<=34.77	Pass
		Inner Full	24.46	/	/	23.53	/	/	<=34.77	Pass
		Inner 1RB Left	24.43	/	/	23.50	/	/	<=34.77	Pass
		Inner 1RB Right	24.43	/	/	23.50	/	/	<=34.77	Pass
	690.5	Outer Full	23.14	/	/	22.21	/	/	<=34.77	Pass
		Inner Full	24.32	/	/	23.39	/	/	<=34.77	Pass
		Inner 1RB Left	24.25	/	/	23.32	/	/	<=34.77	Pass
		Inner 1RB Right	24.27	/	/	23.34	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	670.5	Outer Full	22.27	/	/	21.34	/	/	<=34.77	Pass
		Inner Full	23.24	/	/	22.31	/	/	<=34.77	Pass
		Inner 1RB Left	22.93	/	/	22.00	/	/	<=34.77	Pass
		Inner 1RB Right	23.33	/	/	22.40	/	/	<=34.77	Pass
	680.5	Outer Full	22.47	/	/	21.54	/	/	<=34.77	Pass
		Inner Full	23.49	/	/	22.56	/	/	<=34.77	Pass
		Inner 1RB Left	23.29	/	/	22.36	/	/	<=34.77	Pass
		Inner 1RB Right	23.20	/	/	22.27	/	/	<=34.77	Pass
	690.5	Outer Full	22.17	/	/	21.24	/	/	<=34.77	Pass
		Inner Full	23.04	/	/	22.11	/	/	<=34.77	Pass
		Inner 1RB Left	23.05	/	/	22.12	/	/	<=34.77	Pass
		Inner 1RB Right	23.13	/	/	22.20	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	670.5	Outer Full	21.88	/	/	20.95	/	/	<=34.77	Pass
		Inner Full	21.75	/	/	20.82	/	/	<=34.77	Pass
		Inner 1RB Left	21.64	/	/	20.71	/	/	<=34.77	Pass
		Inner 1RB Right	21.99	/	/	21.06	/	/	<=34.77	Pass
	680.5	Outer Full	21.88	/	/	20.95	/	/	<=34.77	Pass
		Inner Full	21.90	/	/	20.97	/	/	<=34.77	Pass
		Inner 1RB Left	22.00	/	/	21.07	/	/	<=34.77	Pass
		Inner 1RB Right	21.95	/	/	21.02	/	/	<=34.77	Pass
	690.5	Outer Full	21.72	/	/	20.79	/	/	<=34.77	Pass
		Inner Full	21.58	/	/	20.65	/	/	<=34.77	Pass
		Inner 1RB Left	21.88	/	/	20.95	/	/	<=34.77	Pass
		Inner 1RB Right	21.75	/	/	20.82	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	670.5	Outer Full	19.72	/	/	18.79	/	/	<=34.77	Pass
		Inner Full	19.63	/	/	18.70	/	/	<=34.77	Pass
		Inner 1RB Left	19.01	/	/	18.08	/	/	<=34.77	Pass
		Inner 1RB Right	19.42	/	/	18.49	/	/	<=34.77	Pass
	680.5	Outer Full	19.81	/	/	18.88	/	/	<=34.77	Pass
		Inner Full	19.76	/	/	18.83	/	/	<=34.77	Pass

	690.5	Inner_1RB_Left	19.43	/	/	18.50	/	/	<=34.77	Pass
		Inner_1RB_Right	19.34	/	/	18.41	/	/	<=34.77	Pass
		Outer_Full	19.59	/	/	18.66	/	/	<=34.77	Pass
		Inner_Full	19.60	/	/	18.67	/	/	<=34.77	Pass
		Inner_1RB_Left	19.26	/	/	18.33	/	/	<=34.77	Pass
		Inner_1RB_Right	19.16	/	/	18.23	/	/	<=34.77	Pass
CP-OFDM QPSK	670.5	Outer_Full	21.32	/	/	20.39	/	/	<=34.77	Pass
		Inner_Full	22.98	/	/	22.05	/	/	<=34.77	Pass
		Inner_1RB_Left	22.68	/	/	21.75	/	/	<=34.77	Pass
		Inner_1RB_Right	23.02	/	/	22.09	/	/	<=34.77	Pass
	680.5	Outer_Full	21.41	/	/	20.48	/	/	<=34.77	Pass
		Inner_Full	23.10	/	/	22.17	/	/	<=34.77	Pass
		Inner_1RB_Left	23.09	/	/	22.16	/	/	<=34.77	Pass
		Inner_1RB_Right	23.06	/	/	22.13	/	/	<=34.77	Pass
	690.5	Outer_Full	21.21	/	/	20.28	/	/	<=34.77	Pass
		Inner_Full	22.80	/	/	21.87	/	/	<=34.77	Pass
		Inner_1RB_Left	22.88	/	/	21.95	/	/	<=34.77	Pass
		Inner_1RB_Right	22.86	/	/	21.93	/	/	<=34.77	Pass
CP-OFDM 16 QAM	670.5	Outer_Full	21.27	/	/	20.34	/	/	<=34.77	Pass
		Inner_Full	22.44	/	/	21.51	/	/	<=34.77	Pass
		Inner_1RB_Left	22.27	/	/	21.34	/	/	<=34.77	Pass
		Inner_1RB_Right	22.49	/	/	21.56	/	/	<=34.77	Pass
	680.5	Outer_Full	21.38	/	/	20.45	/	/	<=34.77	Pass
		Inner_Full	22.46	/	/	21.53	/	/	<=34.77	Pass
		Inner_1RB_Left	22.51	/	/	21.58	/	/	<=34.77	Pass
		Inner_1RB_Right	22.43	/	/	21.50	/	/	<=34.77	Pass
	690.5	Outer_Full	21.23	/	/	20.30	/	/	<=34.77	Pass
		Inner_Full	22.31	/	/	21.38	/	/	<=34.77	Pass
		Inner_1RB_Left	22.33	/	/	21.40	/	/	<=34.77	Pass
		Inner_1RB_Right	22.30	/	/	21.37	/	/	<=34.77	Pass
CP-OFDM 64 QAM	670.5	Outer_Full	20.78	/	/	19.85	/	/	<=34.77	Pass
		Inner_Full	20.69	/	/	19.76	/	/	<=34.77	Pass
		Inner_1RB_Left	20.64	/	/	19.71	/	/	<=34.77	Pass
		Inner_1RB_Right	20.90	/	/	19.97	/	/	<=34.77	Pass
	680.5	Outer_Full	20.85	/	/	19.92	/	/	<=34.77	Pass
		Inner_Full	20.76	/	/	19.83	/	/	<=34.77	Pass
		Inner_1RB_Left	20.92	/	/	19.99	/	/	<=34.77	Pass
		Inner_1RB_Right	20.91	/	/	19.98	/	/	<=34.77	Pass
	690.5	Outer_Full	20.66	/	/	19.73	/	/	<=34.77	Pass
		Inner_Full	20.57	/	/	19.64	/	/	<=34.77	Pass
		Inner_1RB_Left	20.79	/	/	19.86	/	/	<=34.77	Pass
		Inner_1RB_Right	20.70	/	/	19.77	/	/	<=34.77	Pass
CP-OFDM 256 QAM	670.5	Outer_Full	17.69	/	/	16.76	/	/	<=34.77	Pass
		Inner_Full	17.73	/	/	16.80	/	/	<=34.77	Pass
		Inner_1RB_Left	17.27	/	/	16.34	/	/	<=34.77	Pass
		Inner_1RB_Right	17.49	/	/	16.56	/	/	<=34.77	Pass
	680.5	Outer_Full	17.87	/	/	16.94	/	/	<=34.77	Pass
		Inner_Full	17.85	/	/	16.92	/	/	<=34.77	Pass
		Inner_1RB_Left	17.39	/	/	16.46	/	/	<=34.77	Pass
		Inner_1RB_Right	17.41	/	/	16.48	/	/	<=34.77	Pass
	690.5	Outer_Full	17.62	/	/	16.69	/	/	<=34.77	Pass
		Inner_Full	17.61	/	/	16.68	/	/	<=34.77	Pass
		Inner_1RB_Left	17.34	/	/	16.41	/	/	<=34.77	Pass
		Inner_1RB_Right	17.31	/	/	16.38	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: 1.22dBi; Ant2: 1.22dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.4 15_S_20M_NTNV_ERP

5G NR n71 SCS=15kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	673	Outer_Full	23.89	/	/	22.96	/	/	<=34.77	Pass
		Inner_Full	24.42	/	/	23.49	/	/	<=34.77	Pass
		Inner_1RB_Left	23.91	/	/	22.98	/	/	<=34.77	Pass
		Inner_1RB_Right	24.42	/	/	23.49	/	/	<=34.77	Pass
	680.5	Outer_Full	23.93	/	/	23.00	/	/	<=34.77	Pass
		Inner_Full	24.47	/	/	23.54	/	/	<=34.77	Pass
		Inner_1RB_Left	24.33	/	/	23.40	/	/	<=34.77	Pass
		Inner_1RB_Right	24.24	/	/	23.31	/	/	<=34.77	Pass
	688	Outer_Full	23.87	/	/	22.94	/	/	<=34.77	Pass
		Inner_Full	24.35	/	/	23.42	/	/	<=34.77	Pass
		Inner_1RB_Left	24.34	/	/	23.41	/	/	<=34.77	Pass
		Inner_1RB_Right	24.17	/	/	23.24	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	673	Outer_Full	23.40	/	/	22.47	/	/	<=34.77	Pass
		Inner_Full	24.41	/	/	23.48	/	/	<=34.77	Pass
		Inner_1RB_Left	23.94	/	/	23.01	/	/	<=34.77	Pass
		Inner_1RB_Right	24.50	/	/	23.57	/	/	<=34.77	Pass
	680.5	Outer_Full	23.42	/	/	22.49	/	/	<=34.77	Pass
		Inner_Full	24.44	/	/	23.51	/	/	<=34.77	Pass
		Inner_1RB_Left	24.33	/	/	23.40	/	/	<=34.77	Pass
		Inner_1RB_Right	24.25	/	/	23.32	/	/	<=34.77	Pass
	688	Outer_Full	23.37	/	/	22.44	/	/	<=34.77	Pass
		Inner_Full	24.33	/	/	23.40	/	/	<=34.77	Pass
		Inner_1RB_Left	24.20	/	/	23.27	/	/	<=34.77	Pass
		Inner_1RB_Right	24.17	/	/	23.24	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	673	Outer_Full	22.33	/	/	21.40	/	/	<=34.77	Pass
		Inner_Full	23.33	/	/	22.40	/	/	<=34.77	Pass
		Inner_1RB_Left	22.95	/	/	22.02	/	/	<=34.77	Pass
		Inner_1RB_Right	23.22	/	/	22.29	/	/	<=34.77	Pass
	680.5	Outer_Full	22.43	/	/	21.50	/	/	<=34.77	Pass
		Inner_Full	23.50	/	/	22.57	/	/	<=34.77	Pass
		Inner_1RB_Left	23.19	/	/	22.26	/	/	<=34.77	Pass
		Inner_1RB_Right	23.19	/	/	22.26	/	/	<=34.77	Pass
	688	Outer_Full	22.28	/	/	21.35	/	/	<=34.77	Pass
		Inner_Full	23.27	/	/	22.34	/	/	<=34.77	Pass
		Inner_1RB_Left	23.20	/	/	22.27	/	/	<=34.77	Pass
		Inner_1RB_Right	23.04	/	/	22.11	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	673	Outer_Full	21.89	/	/	20.96	/	/	<=34.77	Pass
		Inner_Full	21.92	/	/	20.99	/	/	<=34.77	Pass
		Inner_1RB_Left	21.62	/	/	20.69	/	/	<=34.77	Pass
		Inner_1RB_Right	22.09	/	/	21.16	/	/	<=34.77	Pass
	680.5	Outer_Full	21.96	/	/	21.03	/	/	<=34.77	Pass
		Inner_Full	21.93	/	/	21.00	/	/	<=34.77	Pass
		Inner_1RB_Left	21.89	/	/	20.96	/	/	<=34.77	Pass
		Inner_1RB_Right	21.84	/	/	20.91	/	/	<=34.77	Pass
	688	Outer_Full	21.83	/	/	20.90	/	/	<=34.77	Pass
		Inner_Full	21.86	/	/	20.93	/	/	<=34.77	Pass
		Inner_1RB_Left	21.92	/	/	20.99	/	/	<=34.77	Pass
		Inner_1RB_Right	21.87	/	/	20.94	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	673	Outer_Full	19.88	/	/	18.95	/	/	<=34.77	Pass
		Inner_Full	19.78	/	/	18.85	/	/	<=34.77	Pass
		Inner_1RB_Left	19.01	/	/	18.08	/	/	<=34.77	Pass
		Inner_1RB_Right	19.33	/	/	18.40	/	/	<=34.77	Pass
	680.5	Outer_Full	19.86	/	/	18.93	/	/	<=34.77	Pass
		Inner_Full	19.89	/	/	18.96	/	/	<=34.77	Pass
		Inner_1RB_Left	19.28	/	/	18.35	/	/	<=34.77	Pass
		Inner_1RB_Right	19.14	/	/	18.21	/	/	<=34.77	Pass

	688	Outer_Full	19.83	/	/	18.90	/	/	<=34.77	Pass
		Inner_Full	19.72	/	/	18.79	/	/	<=34.77	Pass
		Inner_1RB_Left	19.21	/	/	18.28	/	/	<=34.77	Pass
		Inner_1RB_Right	19.08	/	/	18.15	/	/	<=34.77	Pass
CP-OFDM QPSK	673	Outer_Full	21.41	/	/	20.48	/	/	<=34.77	Pass
		Inner_Full	22.89	/	/	21.96	/	/	<=34.77	Pass
		Inner_1RB_Left	22.58	/	/	21.65	/	/	<=34.77	Pass
		Inner_1RB_Right	22.94	/	/	22.01	/	/	<=34.77	Pass
	680.5	Outer_Full	21.32	/	/	20.39	/	/	<=34.77	Pass
		Inner_Full	22.91	/	/	21.98	/	/	<=34.77	Pass
		Inner_1RB_Left	23.00	/	/	22.07	/	/	<=34.77	Pass
		Inner_1RB_Right	22.84	/	/	21.91	/	/	<=34.77	Pass
	688	Outer_Full	21.31	/	/	20.38	/	/	<=34.77	Pass
		Inner_Full	22.87	/	/	21.94	/	/	<=34.77	Pass
		Inner_1RB_Left	22.87	/	/	21.94	/	/	<=34.77	Pass
		Inner_1RB_Right	22.91	/	/	21.98	/	/	<=34.77	Pass
CP-OFDM 16 QAM	673	Outer_Full	21.27	/	/	20.34	/	/	<=34.77	Pass
		Inner_Full	22.48	/	/	21.55	/	/	<=34.77	Pass
		Inner_1RB_Left	22.17	/	/	21.24	/	/	<=34.77	Pass
		Inner_1RB_Right	22.57	/	/	21.64	/	/	<=34.77	Pass
	680.5	Outer_Full	21.25	/	/	20.32	/	/	<=34.77	Pass
		Inner_Full	22.42	/	/	21.49	/	/	<=34.77	Pass
		Inner_1RB_Left	22.56	/	/	21.63	/	/	<=34.77	Pass
		Inner_1RB_Right	22.28	/	/	21.35	/	/	<=34.77	Pass
	688	Outer_Full	21.19	/	/	20.26	/	/	<=34.77	Pass
		Inner_Full	22.40	/	/	21.47	/	/	<=34.77	Pass
		Inner_1RB_Left	22.39	/	/	21.46	/	/	<=34.77	Pass
		Inner_1RB_Right	22.22	/	/	21.29	/	/	<=34.77	Pass
CP-OFDM 64 QAM	673	Outer_Full	20.79	/	/	19.86	/	/	<=34.77	Pass
		Inner_Full	20.86	/	/	19.93	/	/	<=34.77	Pass
		Inner_1RB_Left	20.60	/	/	19.67	/	/	<=34.77	Pass
		Inner_1RB_Right	20.89	/	/	19.96	/	/	<=34.77	Pass
	680.5	Outer_Full	20.74	/	/	19.81	/	/	<=34.77	Pass
		Inner_Full	20.83	/	/	19.90	/	/	<=34.77	Pass
		Inner_1RB_Left	20.84	/	/	19.91	/	/	<=34.77	Pass
		Inner_1RB_Right	20.87	/	/	19.94	/	/	<=34.77	Pass
	688	Outer_Full	20.75	/	/	19.82	/	/	<=34.77	Pass
		Inner_Full	20.79	/	/	19.86	/	/	<=34.77	Pass
		Inner_1RB_Left	20.80	/	/	19.87	/	/	<=34.77	Pass
		Inner_1RB_Right	20.71	/	/	19.78	/	/	<=34.77	Pass
CP-OFDM 256 QAM	673	Outer_Full	17.72	/	/	16.79	/	/	<=34.77	Pass
		Inner_Full	17.73	/	/	16.80	/	/	<=34.77	Pass
		Inner_1RB_Left	17.22	/	/	16.29	/	/	<=34.77	Pass
		Inner_1RB_Right	17.37	/	/	16.44	/	/	<=34.77	Pass
	680.5	Outer_Full	17.85	/	/	16.92	/	/	<=34.77	Pass
		Inner_Full	17.83	/	/	16.90	/	/	<=34.77	Pass
		Inner_1RB_Left	17.25	/	/	16.32	/	/	<=34.77	Pass
		Inner_1RB_Right	17.29	/	/	16.36	/	/	<=34.77	Pass
	688	Outer_Full	17.78	/	/	16.85	/	/	<=34.77	Pass
		Inner_Full	17.70	/	/	16.77	/	/	<=34.77	Pass
		Inner_1RB_Left	17.33	/	/	16.40	/	/	<=34.77	Pass
		Inner_1RB_Right	17.17	/	/	16.24	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: 1.22dBi; Ant2: 1.22dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.5 15_M_5M_NTNV_ERP

5G NR n71 SCS=15kHz MIMO 5MHz NTN

Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	665.5	Outer Full	23.46	23.77	26.63	22.53	22.84	25.70	<=34.77	Pass
		Inner Full	23.99	24.30	27.15	23.06	23.37	26.23	<=34.77	Pass
		Inner 1RB Left	23.91	24.20	27.07	22.98	23.27	26.14	<=34.77	Pass
		Inner 1RB Right	23.95	24.27	27.13	23.02	23.34	26.19	<=34.77	Pass
	680.5	Outer Full	23.67	23.65	26.67	22.74	22.72	25.74	<=34.77	Pass
		Inner Full	24.29	24.27	27.29	23.36	23.34	26.36	<=34.77	Pass
		Inner 1RB Left	24.15	24.17	27.17	23.22	23.24	26.24	<=34.77	Pass
		Inner 1RB Right	24.16	24.10	27.14	23.23	23.17	26.21	<=34.77	Pass
	695.5	Outer Full	23.42	23.56	26.50	22.49	22.63	25.57	<=34.77	Pass
		Inner Full	24.01	24.15	27.09	23.08	23.22	26.16	<=34.77	Pass
		Inner 1RB Left	23.90	23.97	26.95	22.97	23.04	26.02	<=34.77	Pass
		Inner 1RB Right	23.92	24.11	27.03	22.99	23.18	26.10	<=34.77	Pass
DFT-s-OFDM QPSK	665.5	Outer Full	22.98	23.30	26.15	22.05	22.37	25.22	<=34.77	Pass
		Inner Full	24.01	24.32	27.18	23.08	23.39	26.25	<=34.77	Pass
		Inner 1RB Left	23.89	24.17	27.04	22.96	23.24	26.11	<=34.77	Pass
		Inner 1RB Right	23.95	24.27	27.12	23.02	23.34	26.19	<=34.77	Pass
	680.5	Outer Full	23.14	23.12	26.14	22.21	22.19	25.21	<=34.77	Pass
		Inner Full	24.16	24.14	27.16	23.23	23.21	26.23	<=34.77	Pass
		Inner 1RB Left	24.22	24.25	27.25	23.29	23.32	26.32	<=34.77	Pass
		Inner 1RB Right	24.22	24.16	27.20	23.29	23.23	26.27	<=34.77	Pass
	695.5	Outer Full	22.89	23.03	25.97	21.96	22.10	25.04	<=34.77	Pass
		Inner Full	23.97	24.10	27.05	23.04	23.17	26.12	<=34.77	Pass
		Inner 1RB Left	23.91	23.99	26.96	22.98	23.06	26.03	<=34.77	Pass
		Inner 1RB Right	23.93	24.11	27.03	23.00	23.18	26.10	<=34.77	Pass
DFT-s-OFDM 16 QAM	665.5	Outer Full	22.02	22.34	25.19	21.09	21.41	24.26	<=34.77	Pass
		Inner Full	23.04	23.35	26.21	22.11	22.42	25.28	<=34.77	Pass
		Inner 1RB Left	22.79	23.08	25.95	21.86	22.15	25.02	<=34.77	Pass
		Inner 1RB Right	22.85	23.18	26.03	21.92	22.25	25.10	<=34.77	Pass
	680.5	Outer Full	22.22	22.21	25.22	21.29	21.28	24.30	<=34.77	Pass
		Inner Full	23.24	23.22	26.24	22.31	22.29	25.31	<=34.77	Pass
		Inner 1RB Left	23.13	23.16	26.15	22.20	22.23	25.23	<=34.77	Pass
		Inner 1RB Right	23.07	23.02	26.05	22.14	22.09	25.13	<=34.77	Pass
	695.5	Outer Full	21.86	21.99	24.94	20.93	21.06	24.01	<=34.77	Pass
		Inner Full	22.96	23.09	26.04	22.03	22.16	25.11	<=34.77	Pass
		Inner 1RB Left	22.85	22.93	25.90	21.92	22.00	24.97	<=34.77	Pass
		Inner 1RB Right	22.81	23.00	25.92	21.88	22.07	24.99	<=34.77	Pass
DFT-s-OFDM 64 QAM	665.5	Outer Full	21.45	21.76	24.62	20.52	20.83	23.69	<=34.77	Pass
		Inner Full	21.46	21.78	24.63	20.53	20.85	23.70	<=34.77	Pass
		Inner 1RB Left	21.61	21.90	24.76	20.68	20.97	23.84	<=34.77	Pass
		Inner 1RB Right	21.63	21.95	24.80	20.70	21.02	23.87	<=34.77	Pass
	680.5	Outer Full	21.71	21.69	24.71	20.78	20.76	23.78	<=34.77	Pass
		Inner Full	21.78	21.76	24.78	20.85	20.83	23.85	<=34.77	Pass
		Inner 1RB Left	21.86	21.89	24.88	20.93	20.96	23.96	<=34.77	Pass
		Inner 1RB Right	21.83	21.78	24.82	20.90	20.85	23.89	<=34.77	Pass
	695.5	Outer Full	21.33	21.47	24.41	20.40	20.54	23.48	<=34.77	Pass
		Inner Full	21.43	21.56	24.51	20.50	20.63	23.58	<=34.77	Pass
		Inner 1RB Left	21.57	21.65	24.62	20.64	20.72	23.69	<=34.77	Pass
		Inner 1RB Right	21.61	21.80	24.72	20.68	20.87	23.79	<=34.77	Pass
DFT-s-OFDM 256 QAM	665.5	Outer Full	19.42	19.74	22.59	18.49	18.81	21.66	<=34.77	Pass
		Inner Full	19.51	19.83	22.69	18.58	18.90	21.75	<=34.77	Pass
		Inner 1RB Left	18.93	19.23	22.09	18.00	18.30	21.16	<=34.77	Pass
		Inner 1RB Right	18.99	19.32	22.17	18.06	18.39	21.24	<=34.77	Pass
	680.5	Outer Full	19.67	19.66	22.68	18.74	18.73	21.75	<=34.77	Pass
		Inner Full	19.63	19.61	22.63	18.70	18.68	21.70	<=34.77	Pass
		Inner 1RB Left	19.18	19.21	22.21	18.25	18.28	21.28	<=34.77	Pass
		Inner 1RB Right	19.17	19.11	22.15	18.24	18.18	21.22	<=34.77	Pass
	695.5	Outer Full	19.38	19.52	22.46	18.45	18.59	21.53	<=34.77	Pass

		Inner_Full	19.36	19.50	22.44	18.43	18.57	21.51	<=34.77	Pass
		Inner_1RB_Left	18.93	19.01	21.98	18.00	18.08	21.05	<=34.77	Pass
		Inner_1RB_Right	18.91	19.10	22.01	17.98	18.17	21.09	<=34.77	Pass
CP-OFDM QPSK	665.5	Outer_Full	21.07	21.39	24.24	20.14	20.46	23.31	<=34.77	Pass
		Inner_Full	22.60	22.92	25.77	21.67	21.99	24.84	<=34.77	Pass
		Inner_1RB_Left	22.55	22.84	25.70	21.62	21.91	24.78	<=34.77	Pass
		Inner_1RB_Right	22.53	22.86	25.71	21.60	21.93	24.78	<=34.77	Pass
	680.5	Outer_Full	21.26	21.24	24.26	20.33	20.31	23.33	<=34.77	Pass
		Inner_Full	22.80	22.77	25.79	21.87	21.84	24.87	<=34.77	Pass
		Inner_1RB_Left	22.79	22.82	25.81	21.86	21.89	24.89	<=34.77	Pass
		Inner_1RB_Right	22.72	22.67	25.71	21.79	21.74	24.78	<=34.77	Pass
	695.5	Outer_Full	20.97	21.11	24.05	20.04	20.18	23.12	<=34.77	Pass
		Inner_Full	22.51	22.64	25.58	21.58	21.71	24.66	<=34.77	Pass
		Inner_1RB_Left	22.52	22.60	25.57	21.59	21.67	24.64	<=34.77	Pass
		Inner_1RB_Right	22.45	22.64	25.56	21.52	21.71	24.63	<=34.77	Pass
CP-OFDM 16 QAM	665.5	Outer_Full	21.09	21.40	24.26	20.16	20.47	23.33	<=34.77	Pass
		Inner_Full	21.71	22.03	24.89	20.78	21.10	23.95	<=34.77	Pass
		Inner_1RB_Left	22.07	22.35	25.22	21.14	21.42	24.29	<=34.77	Pass
		Inner_1RB_Right	22.14	22.47	25.32	21.21	21.54	24.39	<=34.77	Pass
	680.5	Outer_Full	21.30	21.28	24.30	20.37	20.35	23.37	<=34.77	Pass
		Inner_Full	22.02	22.00	25.02	21.09	21.07	24.09	<=34.77	Pass
		Inner_1RB_Left	22.33	22.36	25.35	21.40	21.43	24.43	<=34.77	Pass
		Inner_1RB_Right	22.29	22.24	25.28	21.36	21.31	24.35	<=34.77	Pass
	695.5	Outer_Full	21.06	21.20	24.14	20.13	20.27	23.21	<=34.77	Pass
		Inner_Full	21.72	21.85	24.79	20.79	20.92	23.87	<=34.77	Pass
		Inner_1RB_Left	21.90	21.98	24.95	20.97	21.05	24.02	<=34.77	Pass
		Inner_1RB_Right	22.07	22.26	25.18	21.14	21.33	24.25	<=34.77	Pass
CP-OFDM 64 QAM	665.5	Outer_Full	20.43	20.74	23.60	19.50	19.81	22.67	<=34.77	Pass
		Inner_Full	20.53	20.85	23.71	19.60	19.92	22.77	<=34.77	Pass
		Inner_1RB_Left	20.54	20.83	23.70	19.61	19.90	22.77	<=34.77	Pass
		Inner_1RB_Right	20.56	20.89	23.73	19.63	19.96	22.81	<=34.77	Pass
	680.5	Outer_Full	20.66	20.64	23.66	19.73	19.71	22.73	<=34.77	Pass
		Inner_Full	20.74	20.72	23.74	19.81	19.79	22.81	<=34.77	Pass
		Inner_1RB_Left	20.72	20.76	23.75	19.79	19.83	22.82	<=34.77	Pass
		Inner_1RB_Right	20.80	20.74	23.78	19.87	19.81	22.85	<=34.77	Pass
	695.5	Outer_Full	20.33	20.47	23.41	19.40	19.54	22.48	<=34.77	Pass
		Inner_Full	20.42	20.56	23.50	19.49	19.63	22.57	<=34.77	Pass
		Inner_1RB_Left	20.47	20.56	23.52	19.54	19.63	22.60	<=34.77	Pass
		Inner_1RB_Right	20.48	20.67	23.59	19.55	19.74	22.66	<=34.77	Pass
CP-OFDM 256 QAM	665.5	Outer_Full	17.49	17.81	20.66	16.56	16.88	19.73	<=34.77	Pass
		Inner_Full	17.52	17.84	20.70	16.59	16.91	19.76	<=34.77	Pass
		Inner_1RB_Left	17.09	17.38	20.25	16.16	16.45	19.32	<=34.77	Pass
		Inner_1RB_Right	16.99	17.32	20.17	16.06	16.39	19.24	<=34.77	Pass
	680.5	Outer_Full	17.69	17.68	20.69	16.76	16.75	19.77	<=34.77	Pass
		Inner_Full	17.73	17.71	20.73	16.80	16.78	19.80	<=34.77	Pass
		Inner_1RB_Left	17.28	17.31	20.31	16.35	16.38	19.38	<=34.77	Pass
		Inner_1RB_Right	17.27	17.22	20.25	16.34	16.29	19.33	<=34.77	Pass
	695.5	Outer_Full	17.39	17.53	20.47	16.46	16.60	19.54	<=34.77	Pass
		Inner_Full	17.42	17.57	20.51	16.49	16.64	19.58	<=34.77	Pass
		Inner_1RB_Left	16.95	17.04	20.00	16.02	16.11	19.08	<=34.77	Pass
		Inner_1RB_Right	17.00	17.19	20.11	16.07	16.26	19.18	<=34.77	Pass
Note1: Antenna Gain: Ant1: 1.22dBi; Ant2: 1.22dBi; Note2: ERP Ant_1=Conducted Power_1+Ant Gain_1-2.15 / ERP Ant_2=Conducted Power_2+Ant Gain_2-2.15 / Sum=ERP Ant_1+ERP Ant_2										

1.1.6 15_M_10M_NTNV_ERP

5G NR n71 SCS=15kHz MIMO 10MHz NTN

Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	668	Outer Full	23.43	23.77	26.61	22.50	22.84	25.68	<=34.77	Pass
		Inner Full	24.05	24.40	27.24	23.12	23.47	26.31	<=34.77	Pass
		Inner 1RB Left	23.97	24.28	27.14	23.04	23.35	26.21	<=34.77	Pass
		Inner 1RB Right	24.09	24.38	27.25	23.16	23.45	26.32	<=34.77	Pass
	680.5	Outer Full	23.68	23.68	26.69	22.75	22.75	25.76	<=34.77	Pass
		Inner Full	24.29	24.28	27.29	23.36	23.35	26.37	<=34.77	Pass
		Inner 1RB Left	24.22	24.33	27.29	23.29	23.40	26.36	<=34.77	Pass
		Inner 1RB Right	24.23	24.16	27.21	23.30	23.23	26.28	<=34.77	Pass
	693	Outer Full	23.48	23.56	26.53	22.55	22.63	25.60	<=34.77	Pass
		Inner Full	23.96	24.03	27.00	23.03	23.10	26.08	<=34.77	Pass
		Inner 1RB Left	24.08	24.04	27.07	23.15	23.11	26.14	<=34.77	Pass
		Inner 1RB Right	23.92	24.13	27.04	22.99	23.20	26.11	<=34.77	Pass
DFT-s-OFDM QPSK	668	Outer Full	22.95	23.29	26.13	22.02	22.36	25.20	<=34.77	Pass
		Inner Full	24.02	24.36	27.20	23.09	23.43	26.27	<=34.77	Pass
		Inner 1RB Left	23.95	24.26	27.12	23.02	23.33	26.19	<=34.77	Pass
		Inner 1RB Right	24.06	24.35	27.22	23.13	23.42	26.29	<=34.77	Pass
	680.5	Outer Full	23.14	23.14	26.15	22.21	22.21	25.22	<=34.77	Pass
		Inner Full	24.17	24.16	27.17	23.24	23.23	26.25	<=34.77	Pass
		Inner 1RB Left	24.25	24.35	27.31	23.32	23.42	26.38	<=34.77	Pass
		Inner 1RB Right	24.29	24.22	27.26	23.36	23.29	26.34	<=34.77	Pass
	693	Outer Full	22.91	22.99	25.96	21.98	22.06	25.03	<=34.77	Pass
		Inner Full	24.02	24.10	27.07	23.09	23.17	26.14	<=34.77	Pass
		Inner 1RB Left	24.11	24.07	27.10	23.18	23.14	26.17	<=34.77	Pass
		Inner 1RB Right	24.04	24.26	27.16	23.11	23.33	26.23	<=34.77	Pass
DFT-s-OFDM 16 QAM	668	Outer Full	22.08	22.42	25.26	21.15	21.49	24.33	<=34.77	Pass
		Inner Full	22.97	23.32	26.16	22.04	22.39	25.23	<=34.77	Pass
		Inner 1RB Left	22.77	23.08	25.94	21.84	22.15	25.01	<=34.77	Pass
		Inner 1RB Right	22.92	23.20	26.07	21.99	22.27	25.14	<=34.77	Pass
	680.5	Outer Full	22.24	22.24	25.25	21.31	21.31	24.32	<=34.77	Pass
		Inner Full	23.30	23.29	26.31	22.37	22.36	25.38	<=34.77	Pass
		Inner 1RB Left	23.14	23.25	26.21	22.21	22.32	25.28	<=34.77	Pass
		Inner 1RB Right	23.05	22.99	26.03	22.12	22.06	25.10	<=34.77	Pass
	693	Outer Full	21.92	22.00	24.97	20.99	21.07	24.04	<=34.77	Pass
		Inner Full	23.06	23.14	26.11	22.13	22.21	25.18	<=34.77	Pass
		Inner 1RB Left	22.97	22.93	25.96	22.04	22.00	25.03	<=34.77	Pass
		Inner 1RB Right	22.80	23.02	25.92	21.87	22.09	24.99	<=34.77	Pass
DFT-s-OFDM 64 QAM	668	Outer Full	21.53	21.87	24.71	20.60	20.94	23.78	<=34.77	Pass
		Inner Full	21.44	21.79	24.63	20.51	20.86	23.70	<=34.77	Pass
		Inner 1RB Left	21.52	21.83	24.69	20.59	20.90	23.76	<=34.77	Pass
		Inner 1RB Right	21.61	21.90	24.77	20.68	20.97	23.84	<=34.77	Pass
	680.5	Outer Full	21.72	21.73	24.74	20.79	20.80	23.81	<=34.77	Pass
		Inner Full	21.66	21.65	24.67	20.73	20.72	23.74	<=34.77	Pass
		Inner 1RB Left	21.82	21.92	24.88	20.89	20.99	23.95	<=34.77	Pass
		Inner 1RB Right	21.81	21.75	24.79	20.88	20.82	23.86	<=34.77	Pass
	693	Outer Full	21.47	21.56	24.53	20.54	20.63	23.60	<=34.77	Pass
		Inner Full	21.40	21.48	24.45	20.47	20.55	23.52	<=34.77	Pass
		Inner 1RB Left	21.67	21.63	24.66	20.74	20.70	23.73	<=34.77	Pass
		Inner 1RB Right	21.60	21.81	24.72	20.67	20.88	23.79	<=34.77	Pass
DFT-s-OFDM 256 QAM	668	Outer Full	17.66	18.00	20.84	16.73	17.07	19.91	<=34.77	Pass
		Inner Full	17.98	18.33	21.17	17.05	17.40	20.24	<=34.77	Pass
		Inner 1RB Left	18.89	19.20	22.06	17.96	18.27	21.13	<=34.77	Pass
		Inner 1RB Right	15.10	15.39	18.25	14.17	14.46	17.33	<=34.77	Pass
	680.5	Outer Full	19.65	19.66	22.67	18.72	18.73	21.74	<=34.77	Pass
		Inner Full	19.64	19.63	22.64	18.71	18.70	21.72	<=34.77	Pass
		Inner 1RB Left	19.12	19.23	22.18	18.19	18.30	21.26	<=34.77	Pass
		Inner 1RB Right	19.17	19.11	22.15	18.24	18.18	21.22	<=34.77	Pass
	693	Outer Full	19.40	19.49	22.46	18.47	18.56	21.53	<=34.77	Pass

		Inner_Full	19.34	19.42	22.39	18.41	18.49	21.46	<=34.77	Pass	
		Inner_1RB_Left	19.03	18.99	22.02	18.10	18.06	21.09	<=34.77	Pass	
		Inner_1RB_Right	18.99	19.21	22.11	18.06	18.28	21.18	<=34.77	Pass	
CP-OFDM QPSK	668	Outer_Full	21.01	21.34	24.19	20.08	20.41	23.26	<=34.77	Pass	
		Inner_Full	22.40	22.75	25.59	21.47	21.82	24.66	<=34.77	Pass	
		Inner_1RB_Left	22.53	22.84	25.70	21.60	21.91	24.77	<=34.77	Pass	
		Inner_1RB_Right	22.71	22.99	25.86	21.78	22.06	24.93	<=34.77	Pass	
		Outer_Full	21.22	21.22	24.23	20.29	20.29	23.30	<=34.77	Pass	
		Inner_Full	22.68	22.67	25.68	21.75	21.74	24.76	<=34.77	Pass	
	680.5	Inner_1RB_Left	22.73	22.83	25.79	21.80	21.90	24.86	<=34.77	Pass	
		Inner_1RB_Right	22.85	22.78	25.83	21.92	21.85	24.90	<=34.77	Pass	
		693	Outer_Full	20.96	21.05	24.01	20.03	20.12	23.09	<=34.77	Pass
			Inner_Full	22.42	22.51	25.48	21.49	21.58	24.55	<=34.77	Pass
	Inner_1RB_Left		22.74	22.70	25.73	21.81	21.77	24.80	<=34.77	Pass	
	Inner_1RB_Right		22.53	22.75	25.65	21.60	21.82	24.72	<=34.77	Pass	
CP-OFDM 16 QAM	668	Outer_Full	20.96	21.29	24.14	20.03	20.36	23.21	<=34.77	Pass	
		Inner_Full	21.92	22.26	25.11	20.99	21.33	24.17	<=34.77	Pass	
		Inner_1RB_Left	22.05	22.36	25.21	21.12	21.43	24.29	<=34.77	Pass	
		Inner_1RB_Right	22.09	22.38	25.25	21.16	21.45	24.32	<=34.77	Pass	
	680.5	Outer_Full	21.21	21.20	24.22	20.28	20.27	23.29	<=34.77	Pass	
		Inner_Full	22.18	22.17	25.18	21.25	21.24	24.26	<=34.77	Pass	
		Inner_1RB_Left	22.13	22.24	25.20	21.20	21.31	24.27	<=34.77	Pass	
		Inner_1RB_Right	22.34	22.27	25.31	21.41	21.34	24.39	<=34.77	Pass	
	693	Outer_Full	20.92	21.01	23.98	19.99	20.08	23.05	<=34.77	Pass	
		Inner_Full	21.85	21.93	24.90	20.92	21.00	23.97	<=34.77	Pass	
		Inner_1RB_Left	22.07	22.03	25.06	21.14	21.10	24.13	<=34.77	Pass	
		Inner_1RB_Right	22.15	22.36	25.27	21.22	21.43	24.34	<=34.77	Pass	
CP-OFDM 64 QAM	668	Outer_Full	20.43	20.76	23.61	19.50	19.83	22.68	<=34.77	Pass	
		Inner_Full	20.43	20.78	23.62	19.50	19.85	22.69	<=34.77	Pass	
		Inner_1RB_Left	20.43	20.74	23.60	19.50	19.81	22.67	<=34.77	Pass	
		Inner_1RB_Right	20.55	20.84	23.70	19.62	19.91	22.78	<=34.77	Pass	
	680.5	Outer_Full	20.68	20.68	23.69	19.75	19.75	22.76	<=34.77	Pass	
		Inner_Full	20.64	20.63	23.65	19.71	19.70	22.72	<=34.77	Pass	
		Inner_1RB_Left	20.68	20.79	23.74	19.75	19.86	22.82	<=34.77	Pass	
		Inner_1RB_Right	20.76	20.70	23.74	19.83	19.77	22.81	<=34.77	Pass	
	693	Outer_Full	20.41	20.50	23.46	19.48	19.57	22.54	<=34.77	Pass	
		Inner_Full	20.45	20.53	23.50	19.52	19.60	22.57	<=34.77	Pass	
		Inner_1RB_Left	20.59	20.55	23.58	19.66	19.62	22.65	<=34.77	Pass	
		Inner_1RB_Right	20.52	20.74	23.64	19.59	19.81	22.71	<=34.77	Pass	
CP-OFDM 256 QAM	668	Outer_Full	17.39	17.72	20.57	16.46	16.79	19.64	<=34.77	Pass	
		Inner_Full	17.40	17.75	20.59	16.47	16.82	19.66	<=34.77	Pass	
		Inner_1RB_Left	17.04	17.36	20.21	16.11	16.43	19.28	<=34.77	Pass	
		Inner_1RB_Right	17.08	17.37	20.24	16.15	16.44	19.31	<=34.77	Pass	
	680.5	Outer_Full	17.65	17.66	20.67	16.72	16.73	19.74	<=34.77	Pass	
		Inner_Full	17.69	17.68	20.69	16.76	16.75	19.77	<=34.77	Pass	
		Inner_1RB_Left	17.20	17.31	20.27	16.27	16.38	19.34	<=34.77	Pass	
		Inner_1RB_Right	17.26	17.20	20.24	16.33	16.27	19.31	<=34.77	Pass	
	693	Outer_Full	17.42	17.52	20.48	16.49	16.59	19.55	<=34.77	Pass	
		Inner_Full	17.37	17.46	20.43	16.44	16.53	19.50	<=34.77	Pass	
		Inner_1RB_Left	17.07	17.04	20.07	16.14	16.11	19.14	<=34.77	Pass	
		Inner_1RB_Right	17.05	17.27	20.17	16.12	16.34	19.24	<=34.77	Pass	
Note1: Antenna Gain: Ant1: 1.22dBi; Ant2: 1.22dBi; Note2: ERP Ant_1=Conducted Power_1+Ant Gain_1-2.15 / ERP Ant_2=Conducted Power_2+Ant Gain_2-2.15 / Sum=ERP Ant_1+ERP Ant_2											

1.1.7 15_M_15M_NTNV_ERP

5G NR n71 SCS=15kHz MIMO 15MHz NTN

Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	670.5	Outer Full	23.55	23.85	26.71	22.62	22.92	25.78	<=34.77	Pass
		Inner Full	24.07	24.39	27.24	23.14	23.46	26.31	<=34.77	Pass
		Inner 1RB Left	23.90	24.23	27.08	22.97	23.30	26.15	<=34.77	Pass
		Inner 1RB Right	24.10	24.26	27.19	23.17	23.33	26.26	<=34.77	Pass
	680.5	Outer Full	23.60	23.62	26.62	22.67	22.69	25.69	<=34.77	Pass
		Inner Full	24.22	24.23	27.23	23.29	23.30	26.31	<=34.77	Pass
		Inner 1RB Left	24.13	24.31	27.23	23.20	23.38	26.30	<=34.77	Pass
		Inner 1RB Right	24.28	24.25	27.28	23.35	23.32	26.35	<=34.77	Pass
	690.5	Outer Full	23.51	23.54	26.54	22.58	22.61	25.61	<=34.77	Pass
		Inner Full	24.08	24.08	27.09	23.15	23.15	26.16	<=34.77	Pass
		Inner 1RB Left	24.29	24.21	27.26	23.36	23.28	26.33	<=34.77	Pass
		Inner 1RB Right	23.97	24.19	27.09	23.04	23.26	26.16	<=34.77	Pass
DFT-s-OFDM QPSK	670.5	Outer Full	23.02	23.32	26.18	22.09	22.39	25.25	<=34.77	Pass
		Inner Full	24.08	24.40	27.25	23.15	23.47	26.32	<=34.77	Pass
		Inner 1RB Left	23.90	24.22	27.08	22.97	23.29	26.14	<=34.77	Pass
		Inner 1RB Right	24.24	24.39	27.32	23.31	23.46	26.40	<=34.77	Pass
	680.5	Outer Full	23.11	23.13	26.13	22.18	22.20	25.20	<=34.77	Pass
		Inner Full	24.28	24.29	27.29	23.35	23.36	26.37	<=34.77	Pass
		Inner 1RB Left	24.16	24.33	27.26	23.23	23.40	26.33	<=34.77	Pass
		Inner 1RB Right	24.35	24.31	27.34	23.42	23.38	26.41	<=34.77	Pass
	690.5	Outer Full	23.07	23.09	26.09	22.14	22.16	25.16	<=34.77	Pass
		Inner Full	24.24	24.23	27.25	23.31	23.30	26.32	<=34.77	Pass
		Inner 1RB Left	24.32	24.24	27.29	23.39	23.31	26.36	<=34.77	Pass
		Inner 1RB Right	23.99	24.21	27.11	23.06	23.28	26.18	<=34.77	Pass
DFT-s-OFDM 16 QAM	670.5	Outer Full	21.97	22.26	25.13	21.04	21.33	24.20	<=34.77	Pass
		Inner Full	22.93	23.25	26.10	22.00	22.32	25.17	<=34.77	Pass
		Inner 1RB Left	22.70	23.02	25.87	21.77	22.09	24.94	<=34.77	Pass
		Inner 1RB Right	23.11	23.27	26.20	22.18	22.34	25.27	<=34.77	Pass
	680.5	Outer Full	22.20	22.22	25.22	21.27	21.29	24.29	<=34.77	Pass
		Inner Full	23.19	23.20	26.20	22.26	22.27	25.28	<=34.77	Pass
		Inner 1RB Left	23.04	23.22	26.14	22.11	22.29	25.21	<=34.77	Pass
		Inner 1RB Right	23.17	23.13	26.16	22.24	22.20	25.23	<=34.77	Pass
	690.5	Outer Full	22.14	22.17	25.17	21.21	21.24	24.24	<=34.77	Pass
		Inner Full	23.10	23.10	26.11	22.17	22.17	25.18	<=34.77	Pass
		Inner 1RB Left	23.07	23.00	26.04	22.14	22.07	25.12	<=34.77	Pass
		Inner 1RB Right	22.80	23.02	25.92	21.87	22.09	24.99	<=34.77	Pass
DFT-s-OFDM 64 QAM	670.5	Outer Full	21.53	21.83	24.69	20.60	20.90	23.76	<=34.77	Pass
		Inner Full	21.43	21.75	24.60	20.50	20.82	23.67	<=34.77	Pass
		Inner 1RB Left	21.50	21.83	24.68	20.57	20.90	23.75	<=34.77	Pass
		Inner 1RB Right	21.83	21.99	24.92	20.90	21.06	23.99	<=34.77	Pass
	680.5	Outer Full	21.77	21.80	24.80	20.84	20.87	23.87	<=34.77	Pass
		Inner Full	21.72	21.73	24.73	20.79	20.80	23.81	<=34.77	Pass
		Inner 1RB Left	21.75	21.92	24.85	20.82	20.99	23.92	<=34.77	Pass
		Inner 1RB Right	21.92	21.88	24.91	20.99	20.95	23.98	<=34.77	Pass
	690.5	Outer Full	21.65	21.68	24.67	20.72	20.75	23.75	<=34.77	Pass
		Inner Full	21.57	21.57	24.58	20.64	20.64	23.65	<=34.77	Pass
		Inner 1RB Left	21.86	21.79	24.84	20.93	20.86	23.91	<=34.77	Pass
		Inner 1RB Right	21.57	21.80	24.70	20.64	20.87	23.77	<=34.77	Pass
DFT-s-OFDM 256 QAM	670.5	Outer Full	19.41	19.71	22.58	18.48	18.78	21.64	<=34.77	Pass
		Inner Full	19.38	19.70	22.55	18.45	18.77	21.62	<=34.77	Pass
		Inner 1RB Left	18.86	19.18	22.03	17.93	18.25	21.10	<=34.77	Pass
		Inner 1RB Right	19.23	19.39	22.32	18.30	18.46	21.39	<=34.77	Pass
	680.5	Outer Full	19.62	19.64	22.64	18.69	18.71	21.71	<=34.77	Pass
		Inner Full	19.56	19.57	22.57	18.63	18.64	21.65	<=34.77	Pass
		Inner 1RB Left	19.04	19.22	22.14	18.11	18.29	21.21	<=34.77	Pass
		Inner 1RB Right	19.31	19.28	22.30	18.38	18.35	21.38	<=34.77	Pass
	690.5	Outer Full	19.57	19.60	22.60	18.64	18.67	21.67	<=34.77	Pass

		Inner_Full	19.49	19.49	22.50	18.56	18.56	21.57	<=34.77	Pass	
		Inner_1RB_Left	19.29	19.22	22.26	18.36	18.29	21.34	<=34.77	Pass	
		Inner_1RB_Right	19.02	19.25	22.15	18.09	18.32	21.22	<=34.77	Pass	
CP-OFDM QPSK	670.5	Outer_Full	21.02	21.31	24.18	20.09	20.38	23.25	<=34.77	Pass	
		Inner_Full	22.56	22.87	25.73	21.63	21.94	24.80	<=34.77	Pass	
		Inner_1RB_Left	22.54	22.86	25.72	21.61	21.93	24.78	<=34.77	Pass	
		Inner_1RB_Right	22.66	22.82	25.75	21.73	21.89	24.82	<=34.77	Pass	
		Outer_Full	21.20	21.22	24.22	20.27	20.29	23.29	<=34.77	Pass	
		Inner_Full	22.90	22.90	25.91	21.97	21.97	24.98	<=34.77	Pass	
	680.5	Inner_1RB_Left	22.62	22.80	25.72	21.69	21.87	24.79	<=34.77	Pass	
		Inner_1RB_Right	22.69	22.65	25.68	21.76	21.72	24.75	<=34.77	Pass	
		690.5	Outer_Full	21.12	21.16	24.15	20.19	20.23	23.22	<=34.77	Pass
			Inner_Full	22.78	22.79	25.80	21.85	21.86	24.87	<=34.77	Pass
	Inner_1RB_Left		22.80	22.73	25.78	21.87	21.80	24.85	<=34.77	Pass	
	Inner_1RB_Right		22.56	22.78	25.68	21.63	21.85	24.75	<=34.77	Pass	
CP-OFDM 16 QAM	670.5	Outer_Full	21.02	21.31	24.17	20.09	20.38	23.25	<=34.77	Pass	
		Inner_Full	22.13	22.45	25.30	21.20	21.52	24.37	<=34.77	Pass	
		Inner_1RB_Left	22.03	22.35	25.20	21.10	21.42	24.27	<=34.77	Pass	
		Inner_1RB_Right	22.13	22.29	25.23	21.20	21.36	24.29	<=34.77	Pass	
	680.5	Outer_Full	21.17	21.19	24.19	20.24	20.26	23.26	<=34.77	Pass	
		Inner_Full	22.38	22.37	25.38	21.45	21.44	24.46	<=34.77	Pass	
		Inner_1RB_Left	22.04	22.21	25.14	21.11	21.28	24.21	<=34.77	Pass	
		Inner_1RB_Right	22.26	22.22	25.25	21.33	21.29	24.32	<=34.77	Pass	
	690.5	Outer_Full	21.08	21.12	24.11	20.15	20.19	23.18	<=34.77	Pass	
		Inner_Full	22.30	22.31	25.31	21.37	21.38	24.39	<=34.77	Pass	
		Inner_1RB_Left	22.23	22.15	25.20	21.30	21.22	24.27	<=34.77	Pass	
		Inner_1RB_Right	21.90	22.12	25.02	20.97	21.19	24.09	<=34.77	Pass	
CP-OFDM 64 QAM	670.5	Outer_Full	20.46	20.75	23.62	19.53	19.82	22.69	<=34.77	Pass	
		Inner_Full	20.38	20.70	23.55	19.45	19.77	22.62	<=34.77	Pass	
		Inner_1RB_Left	20.45	20.78	23.63	19.52	19.85	22.70	<=34.77	Pass	
		Inner_1RB_Right	20.65	20.81	23.74	19.72	19.88	22.81	<=34.77	Pass	
	680.5	Outer_Full	20.64	20.65	23.66	19.71	19.72	22.73	<=34.77	Pass	
		Inner_Full	20.64	20.63	23.65	19.71	19.70	22.72	<=34.77	Pass	
		Inner_1RB_Left	20.52	20.70	23.62	19.59	19.77	22.69	<=34.77	Pass	
		Inner_1RB_Right	20.72	20.68	23.71	19.79	19.75	22.78	<=34.77	Pass	
	690.5	Outer_Full	20.56	20.59	23.59	19.63	19.66	22.66	<=34.77	Pass	
		Inner_Full	20.52	20.54	23.54	19.59	19.61	22.61	<=34.77	Pass	
		Inner_1RB_Left	20.77	20.69	23.74	19.84	19.76	22.81	<=34.77	Pass	
		Inner_1RB_Right	20.43	20.65	23.55	19.50	19.72	22.62	<=34.77	Pass	
CP-OFDM 256 QAM	670.5	Outer_Full	17.44	17.73	20.60	16.51	16.80	19.67	<=34.77	Pass	
		Inner_Full	17.37	17.69	20.55	16.44	16.76	19.61	<=34.77	Pass	
		Inner_1RB_Left	17.14	17.46	20.31	16.21	16.53	19.38	<=34.77	Pass	
		Inner_1RB_Right	17.28	17.44	20.37	16.35	16.51	19.44	<=34.77	Pass	
	680.5	Outer_Full	17.70	17.72	20.72	16.77	16.79	19.79	<=34.77	Pass	
		Inner_Full	17.64	17.64	20.65	16.71	16.71	19.72	<=34.77	Pass	
		Inner_1RB_Left	17.17	17.35	20.27	16.24	16.42	19.34	<=34.77	Pass	
		Inner_1RB_Right	17.30	17.26	20.29	16.37	16.33	19.36	<=34.77	Pass	
	690.5	Outer_Full	17.54	17.58	20.57	16.61	16.65	19.64	<=34.77	Pass	
		Inner_Full	17.53	17.55	20.55	16.60	16.62	19.62	<=34.77	Pass	
		Inner_1RB_Left	17.25	17.17	20.22	16.32	16.24	19.29	<=34.77	Pass	
		Inner_1RB_Right	17.02	17.25	20.15	16.09	16.32	19.22	<=34.77	Pass	
Note1: Antenna Gain: Ant1: 1.22dBi; Ant2: 1.22dBi; Note2: ERP Ant_1=Conducted Power_1+Ant Gain_1-2.15 / ERP Ant_2=Conducted Power_2+Ant Gain_2-2.15 / Sum=ERP Ant_1+ERP Ant_2											

1.1.8 15_M_20M_NTNV_ERP

5G NR n71 SCS=15kHz MIMO 20MHz NTN

Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	673	Outer Full	23.68	23.91	26.81	22.75	22.98	25.88	<=34.77	Pass
		Inner Full	24.03	24.29	27.17	23.10	23.36	26.24	<=34.77	Pass
		Inner 1RB Left	23.93	24.24	27.10	23.00	23.31	26.17	<=34.77	Pass
		Inner 1RB Right	24.22	24.24	27.24	23.29	23.31	26.31	<=34.77	Pass
	680.5	Outer Full	23.72	23.76	26.75	22.79	22.83	25.82	<=34.77	Pass
		Inner Full	24.25	24.26	27.27	23.32	23.33	26.34	<=34.77	Pass
		Inner 1RB Left	24.06	24.29	27.18	23.13	23.36	26.26	<=34.77	Pass
		Inner 1RB Right	24.21	24.22	27.23	23.28	23.29	26.30	<=34.77	Pass
	688	Outer Full	23.70	23.71	26.72	22.77	22.78	25.79	<=34.77	Pass
		Inner Full	24.25	24.22	27.25	23.32	23.29	26.32	<=34.77	Pass
		Inner 1RB Left	24.13	24.16	27.15	23.20	23.23	26.23	<=34.77	Pass
		Inner 1RB Right	23.96	24.19	27.09	23.03	23.26	26.16	<=34.77	Pass
DFT-s-OFDM QPSK	673	Outer Full	23.12	23.35	26.25	22.19	22.42	25.32	<=34.77	Pass
		Inner Full	24.11	24.38	27.26	23.18	23.45	26.33	<=34.77	Pass
		Inner 1RB Left	23.99	24.30	27.16	23.06	23.37	26.23	<=34.77	Pass
		Inner 1RB Right	24.36	24.39	27.39	23.43	23.46	26.46	<=34.77	Pass
	680.5	Outer Full	23.22	23.26	26.25	22.29	22.33	25.32	<=34.77	Pass
		Inner Full	24.27	24.28	27.28	23.34	23.35	26.36	<=34.77	Pass
		Inner 1RB Left	24.05	24.28	27.17	23.12	23.35	26.25	<=34.77	Pass
		Inner 1RB Right	24.23	24.25	27.25	23.30	23.32	26.32	<=34.77	Pass
	688	Outer Full	23.22	23.24	26.24	22.29	22.31	25.31	<=34.77	Pass
		Inner Full	24.23	24.20	27.23	23.30	23.27	26.30	<=34.77	Pass
		Inner 1RB Left	24.16	24.19	27.19	23.23	23.26	26.26	<=34.77	Pass
		Inner 1RB Right	24.02	24.24	27.14	23.09	23.31	26.21	<=34.77	Pass
DFT-s-OFDM 16 QAM	673	Outer Full	22.03	22.26	25.16	21.10	21.33	24.23	<=34.77	Pass
		Inner Full	22.94	23.21	26.09	22.01	22.28	25.16	<=34.77	Pass
		Inner 1RB Left	22.66	22.97	25.83	21.73	22.04	24.90	<=34.77	Pass
		Inner 1RB Right	23.14	23.16	26.16	22.21	22.23	25.23	<=34.77	Pass
	680.5	Outer Full	22.12	22.16	25.15	21.19	21.23	24.22	<=34.77	Pass
		Inner Full	23.23	23.24	26.24	22.30	22.31	25.32	<=34.77	Pass
		Inner 1RB Left	22.86	23.09	25.98	21.93	22.16	25.06	<=34.77	Pass
		Inner 1RB Right	23.09	23.11	26.11	22.16	22.18	25.18	<=34.77	Pass
	688	Outer Full	22.15	22.17	25.17	21.22	21.24	24.24	<=34.77	Pass
		Inner Full	23.11	23.08	26.10	22.18	22.15	25.18	<=34.77	Pass
		Inner 1RB Left	23.01	23.04	26.03	22.08	22.11	25.11	<=34.77	Pass
		Inner 1RB Right	22.82	23.05	25.95	21.89	22.12	25.02	<=34.77	Pass
DFT-s-OFDM 64 QAM	673	Outer Full	21.70	21.94	24.83	20.77	21.01	23.90	<=34.77	Pass
		Inner Full	21.60	21.87	24.74	20.67	20.94	23.82	<=34.77	Pass
		Inner 1RB Left	21.46	21.77	24.63	20.53	20.84	23.70	<=34.77	Pass
		Inner 1RB Right	21.76	21.79	24.79	20.83	20.86	23.86	<=34.77	Pass
	680.5	Outer Full	21.69	21.73	24.72	20.76	20.80	23.79	<=34.77	Pass
		Inner Full	21.70	21.72	24.72	20.77	20.79	23.79	<=34.77	Pass
		Inner 1RB Left	21.55	21.78	24.68	20.62	20.85	23.75	<=34.77	Pass
		Inner 1RB Right	21.79	21.81	24.81	20.86	20.88	23.88	<=34.77	Pass
	688	Outer Full	21.72	21.74	24.74	20.79	20.81	23.81	<=34.77	Pass
		Inner Full	21.66	21.63	24.66	20.73	20.70	23.73	<=34.77	Pass
		Inner 1RB Left	21.72	21.76	24.75	20.79	20.83	23.82	<=34.77	Pass
		Inner 1RB Right	21.63	21.86	24.76	20.70	20.93	23.83	<=34.77	Pass
DFT-s-OFDM 256 QAM	673	Outer Full	19.57	19.81	22.70	18.64	18.88	21.77	<=34.77	Pass
		Inner Full	19.49	19.77	22.64	18.56	18.84	21.71	<=34.77	Pass
		Inner 1RB Left	18.81	19.13	21.98	17.88	18.20	21.05	<=34.77	Pass
		Inner 1RB Right	19.22	19.25	22.24	18.29	18.32	21.32	<=34.77	Pass
	680.5	Outer Full	19.67	19.71	22.70	18.74	18.78	21.77	<=34.77	Pass
		Inner Full	19.67	19.69	22.69	18.74	18.76	21.76	<=34.77	Pass
		Inner 1RB Left	18.91	19.15	22.04	17.98	18.22	21.11	<=34.77	Pass
		Inner 1RB Right	19.12	19.14	22.14	18.19	18.21	21.21	<=34.77	Pass
	688	Outer Full	19.66	19.68	22.68	18.73	18.75	21.75	<=34.77	Pass

		Inner_Full	19.61	19.58	22.61	18.68	18.65	21.68	<=34.77	Pass	
		Inner_1RB_Left	19.08	19.11	22.10	18.15	18.18	21.18	<=34.77	Pass	
		Inner_1RB_Right	18.90	19.13	22.03	17.97	18.20	21.10	<=34.77	Pass	
CP-OFDM QPSK	673	Outer_Full	21.14	21.36	24.26	20.21	20.43	23.33	<=34.77	Pass	
		Inner_Full	22.66	22.92	25.80	21.73	21.99	24.87	<=34.77	Pass	
		Inner_1RB_Left	22.51	22.83	25.68	21.58	21.90	24.75	<=34.77	Pass	
		Inner_1RB_Right	22.75	22.77	25.77	21.82	21.84	24.84	<=34.77	Pass	
		Outer_Full	21.12	21.16	24.15	20.19	20.23	23.22	<=34.77	Pass	
		Inner_Full	22.70	22.70	25.71	21.77	21.77	24.78	<=34.77	Pass	
	680.5	Inner_1RB_Left	22.60	22.83	25.73	21.67	21.90	24.80	<=34.77	Pass	
		Inner_1RB_Right	22.80	22.82	25.82	21.87	21.89	24.89	<=34.77	Pass	
		688	Outer_Full	21.11	21.14	24.13	20.18	20.21	23.21	<=34.77	Pass
			Inner_Full	22.73	22.71	25.73	21.80	21.78	24.80	<=34.77	Pass
	Inner_1RB_Left		22.69	22.72	25.72	21.76	21.79	24.79	<=34.77	Pass	
	Inner_1RB_Right		22.47	22.70	25.59	21.54	21.77	24.67	<=34.77	Pass	
CP-OFDM 16 QAM	673	Outer_Full	20.96	21.18	24.08	20.03	20.25	23.15	<=34.77	Pass	
		Inner_Full	22.13	22.39	25.27	21.20	21.46	24.34	<=34.77	Pass	
		Inner_1RB_Left	22.18	22.50	25.35	21.25	21.57	24.42	<=34.77	Pass	
		Inner_1RB_Right	22.36	22.39	25.39	21.43	21.46	24.46	<=34.77	Pass	
	680.5	Outer_Full	21.07	21.11	24.10	20.14	20.18	23.17	<=34.77	Pass	
		Inner_Full	22.27	22.27	25.28	21.34	21.34	24.35	<=34.77	Pass	
		Inner_1RB_Left	21.94	22.18	25.07	21.01	21.25	24.14	<=34.77	Pass	
		Inner_1RB_Right	22.15	22.17	25.17	21.22	21.24	24.24	<=34.77	Pass	
	688	Outer_Full	21.06	21.09	24.09	20.13	20.16	23.16	<=34.77	Pass	
		Inner_Full	22.25	22.23	25.25	21.32	21.30	24.32	<=34.77	Pass	
		Inner_1RB_Left	22.22	22.25	25.24	21.29	21.32	24.32	<=34.77	Pass	
		Inner_1RB_Right	22.14	22.37	25.26	21.21	21.44	24.34	<=34.77	Pass	
CP-OFDM 64 QAM	673	Outer_Full	20.58	20.80	23.70	19.65	19.87	22.77	<=34.77	Pass	
		Inner_Full	20.58	20.84	23.72	19.65	19.91	22.79	<=34.77	Pass	
		Inner_1RB_Left	20.37	20.69	23.54	19.44	19.76	22.61	<=34.77	Pass	
		Inner_1RB_Right	20.71	20.74	23.73	19.78	19.81	22.81	<=34.77	Pass	
	680.5	Outer_Full	20.56	20.60	23.59	19.63	19.67	22.66	<=34.77	Pass	
		Inner_Full	20.72	20.73	23.74	19.79	19.80	22.81	<=34.77	Pass	
		Inner_1RB_Left	20.43	20.67	23.56	19.50	19.74	22.63	<=34.77	Pass	
		Inner_1RB_Right	20.61	20.63	23.63	19.68	19.70	22.70	<=34.77	Pass	
	688	Outer_Full	20.56	20.59	23.58	19.63	19.66	22.66	<=34.77	Pass	
		Inner_Full	20.67	20.65	23.67	19.74	19.72	22.74	<=34.77	Pass	
		Inner_1RB_Left	20.62	20.65	23.64	19.69	19.72	22.72	<=34.77	Pass	
		Inner_1RB_Right	20.40	20.63	23.52	19.47	19.70	22.60	<=34.77	Pass	
CP-OFDM 256 QAM	673	Outer_Full	17.48	17.70	20.60	16.55	16.77	19.67	<=34.77	Pass	
		Inner_Full	17.56	17.83	20.71	16.63	16.90	19.78	<=34.77	Pass	
		Inner_1RB_Left	17.06	17.38	20.23	16.13	16.45	19.30	<=34.77	Pass	
		Inner_1RB_Right	17.20	17.23	20.23	16.27	16.30	19.30	<=34.77	Pass	
	680.5	Outer_Full	17.68	17.73	20.71	16.75	16.80	19.79	<=34.77	Pass	
		Inner_Full	17.64	17.65	20.65	16.71	16.72	19.73	<=34.77	Pass	
		Inner_1RB_Left	17.00	17.24	20.14	16.07	16.31	19.20	<=34.77	Pass	
		Inner_1RB_Right	17.16	17.19	20.19	16.23	16.26	19.26	<=34.77	Pass	
	688	Outer_Full	17.52	17.55	20.55	16.59	16.62	19.62	<=34.77	Pass	
		Inner_Full	17.53	17.51	20.53	16.60	16.58	19.60	<=34.77	Pass	
		Inner_1RB_Left	17.16	17.19	20.18	16.23	16.26	19.26	<=34.77	Pass	
		Inner_1RB_Right	16.99	17.22	20.12	16.06	16.29	19.19	<=34.77	Pass	
Note1: Antenna Gain: Ant1: 1.22dBi; Ant2: 1.22dBi; Note2: ERP Ant_1=Conducted Power_1+Ant Gain_1-2.15 / ERP Ant_2=Conducted Power_2+Ant Gain_2-2.15 / Sum=ERP Ant_1+ERP Ant_2											