

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_ERP

5G NR n14 SCS=15kHz SISO 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	790.5	Outer_Full	23.30	/	/	21.25	/	/	<=34.77	Pass
		Inner_Full	23.71	/	/	21.66	/	/	<=34.77	Pass
		Inner_1RB_Left	23.67	/	/	21.62	/	/	<=34.77	Pass
		Inner_1RB_Right	23.78	/	/	21.73	/	/	<=34.77	Pass
	793	Outer_Full	23.32	/	/	21.27	/	/	<=34.77	Pass
		Inner_Full	23.78	/	/	21.73	/	/	<=34.77	Pass
		Inner_1RB_Left	23.76	/	/	21.71	/	/	<=34.77	Pass
		Inner_1RB_Right	23.78	/	/	21.73	/	/	<=34.77	Pass
	795.5	Outer_Full	23.39	/	/	21.34	/	/	<=34.77	Pass
		Inner_Full	23.80	/	/	21.75	/	/	<=34.77	Pass
		Inner_1RB_Left	23.83	/	/	21.78	/	/	<=34.77	Pass
		Inner_1RB_Right	23.91	/	/	21.86	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	790.5	Outer_Full	22.85	/	/	20.80	/	/	<=34.77	Pass
		Inner_Full	23.63	/	/	21.58	/	/	<=34.77	Pass
		Inner_1RB_Left	23.73	/	/	21.68	/	/	<=34.77	Pass
		Inner_1RB_Right	23.85	/	/	21.80	/	/	<=34.77	Pass
	793	Outer_Full	22.81	/	/	20.76	/	/	<=34.77	Pass
		Inner_Full	23.80	/	/	21.75	/	/	<=34.77	Pass
		Inner_1RB_Left	23.81	/	/	21.76	/	/	<=34.77	Pass
		Inner_1RB_Right	23.81	/	/	21.76	/	/	<=34.77	Pass
	795.5	Outer_Full	22.85	/	/	20.80	/	/	<=34.77	Pass
		Inner_Full	23.74	/	/	21.69	/	/	<=34.77	Pass
		Inner_1RB_Left	23.72	/	/	21.67	/	/	<=34.77	Pass
		Inner_1RB_Right	23.78	/	/	21.73	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	790.5	Outer_Full	21.79	/	/	19.74	/	/	<=34.77	Pass
		Inner_Full	22.94	/	/	20.89	/	/	<=34.77	Pass
		Inner_1RB_Left	22.75	/	/	20.70	/	/	<=34.77	Pass
		Inner_1RB_Right	22.72	/	/	20.67	/	/	<=34.77	Pass
	793	Outer_Full	21.95	/	/	19.90	/	/	<=34.77	Pass
		Inner_Full	23.00	/	/	20.95	/	/	<=34.77	Pass
		Inner_1RB_Left	22.66	/	/	20.61	/	/	<=34.77	Pass
		Inner_1RB_Right	22.77	/	/	20.72	/	/	<=34.77	Pass
	795.5	Outer_Full	21.80	/	/	19.75	/	/	<=34.77	Pass
		Inner_Full	22.82	/	/	20.77	/	/	<=34.77	Pass
		Inner_1RB_Left	22.75	/	/	20.70	/	/	<=34.77	Pass
		Inner_1RB_Right	22.87	/	/	20.82	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	790.5	Outer_Full	21.30	/	/	19.25	/	/	<=34.77	Pass
		Inner_Full	21.37	/	/	19.32	/	/	<=34.77	Pass
		Inner_1RB_Left	21.44	/	/	19.39	/	/	<=34.77	Pass
		Inner_1RB_Right	21.52	/	/	19.47	/	/	<=34.77	Pass
	793	Outer_Full	21.41	/	/	19.36	/	/	<=34.77	Pass
		Inner_Full	21.35	/	/	19.30	/	/	<=34.77	Pass
		Inner_1RB_Left	21.43	/	/	19.38	/	/	<=34.77	Pass
		Inner_1RB_Right	21.53	/	/	19.48	/	/	<=34.77	Pass
	795.5	Outer_Full	21.26	/	/	19.21	/	/	<=34.77	Pass
		Inner_Full	21.37	/	/	19.32	/	/	<=34.77	Pass
		Inner_1RB_Left	21.38	/	/	19.33	/	/	<=34.77	Pass
		Inner_1RB_Right	21.45	/	/	19.40	/	/	<=34.77	Pass

DFT-s-OFDM 256 QAM	790.5	Outer Full	19.22	/	/	17.17	/	/	<=34.77	Pass
		Inner Full	19.26	/	/	17.21	/	/	<=34.77	Pass
		Inner 1RB Left	18.77	/	/	16.72	/	/	<=34.77	Pass
		Inner 1RB Right	18.83	/	/	16.78	/	/	<=34.77	Pass
	793	Outer Full	19.20	/	/	17.15	/	/	<=34.77	Pass
		Inner Full	19.34	/	/	17.29	/	/	<=34.77	Pass
		Inner 1RB Left	18.76	/	/	16.71	/	/	<=34.77	Pass
		Inner 1RB Right	18.81	/	/	16.76	/	/	<=34.77	Pass
	795.5	Outer Full	19.28	/	/	17.23	/	/	<=34.77	Pass
		Inner Full	19.28	/	/	17.23	/	/	<=34.77	Pass
		Inner 1RB Left	18.84	/	/	16.79	/	/	<=34.77	Pass
		Inner 1RB Right	18.85	/	/	16.80	/	/	<=34.77	Pass
CP-OFDM QPSK	790.5	Outer Full	20.98	/	/	18.93	/	/	<=34.77	Pass
		Inner Full	22.31	/	/	20.26	/	/	<=34.77	Pass
		Inner 1RB Left	22.33	/	/	20.28	/	/	<=34.77	Pass
		Inner 1RB Right	22.45	/	/	20.40	/	/	<=34.77	Pass
	793	Outer Full	20.99	/	/	18.94	/	/	<=34.77	Pass
		Inner Full	22.33	/	/	20.28	/	/	<=34.77	Pass
		Inner 1RB Left	22.32	/	/	20.27	/	/	<=34.77	Pass
		Inner 1RB Right	22.52	/	/	20.47	/	/	<=34.77	Pass
	795.5	Outer Full	20.89	/	/	18.84	/	/	<=34.77	Pass
		Inner Full	22.45	/	/	20.40	/	/	<=34.77	Pass
		Inner 1RB Left	22.52	/	/	20.47	/	/	<=34.77	Pass
		Inner 1RB Right	22.51	/	/	20.46	/	/	<=34.77	Pass
CP-OFDM 16 QAM	790.5	Outer Full	20.89	/	/	18.84	/	/	<=34.77	Pass
		Inner Full	21.60	/	/	19.55	/	/	<=34.77	Pass
		Inner 1RB Left	21.88	/	/	19.83	/	/	<=34.77	Pass
		Inner 1RB Right	22.01	/	/	19.96	/	/	<=34.77	Pass
	793	Outer Full	21.01	/	/	18.96	/	/	<=34.77	Pass
		Inner Full	21.64	/	/	19.59	/	/	<=34.77	Pass
		Inner 1RB Left	21.94	/	/	19.89	/	/	<=34.77	Pass
		Inner 1RB Right	22.02	/	/	19.97	/	/	<=34.77	Pass
	795.5	Outer Full	20.79	/	/	18.74	/	/	<=34.77	Pass
		Inner Full	21.62	/	/	19.57	/	/	<=34.77	Pass
		Inner 1RB Left	22.08	/	/	20.03	/	/	<=34.77	Pass
		Inner 1RB Right	22.08	/	/	20.03	/	/	<=34.77	Pass
CP-OFDM 64 QAM	790.5	Outer Full	20.31	/	/	18.26	/	/	<=34.77	Pass
		Inner Full	20.31	/	/	18.26	/	/	<=34.77	Pass
		Inner 1RB Left	20.31	/	/	18.26	/	/	<=34.77	Pass
		Inner 1RB Right	20.37	/	/	18.32	/	/	<=34.77	Pass
	793	Outer Full	20.29	/	/	18.24	/	/	<=34.77	Pass
		Inner Full	20.33	/	/	18.28	/	/	<=34.77	Pass
		Inner 1RB Left	20.30	/	/	18.25	/	/	<=34.77	Pass
		Inner 1RB Right	20.48	/	/	18.43	/	/	<=34.77	Pass
	795.5	Outer Full	20.29	/	/	18.24	/	/	<=34.77	Pass
		Inner Full	20.35	/	/	18.30	/	/	<=34.77	Pass
		Inner 1RB Left	20.34	/	/	18.29	/	/	<=34.77	Pass
		Inner 1RB Right	20.40	/	/	18.35	/	/	<=34.77	Pass
CP-OFDM 256 QAM	790.5	Outer Full	17.25	/	/	15.20	/	/	<=34.77	Pass
		Inner Full	17.36	/	/	15.31	/	/	<=34.77	Pass
		Inner 1RB Left	16.72	/	/	14.67	/	/	<=34.77	Pass
		Inner 1RB Right	16.86	/	/	14.81	/	/	<=34.77	Pass
	793	Outer Full	17.38	/	/	15.33	/	/	<=34.77	Pass
		Inner Full	17.39	/	/	15.34	/	/	<=34.77	Pass
		Inner 1RB Left	16.87	/	/	14.82	/	/	<=34.77	Pass
		Inner 1RB Right	16.91	/	/	14.86	/	/	<=34.77	Pass
	795.5	Outer Full	17.38	/	/	15.33	/	/	<=34.77	Pass
		Inner Full	17.35	/	/	15.30	/	/	<=34.77	Pass

		Inner_1RB_Left	16.76	/	/	14.71	/	/	<=34.77	Pass
		Inner_1RB_Right	16.83	/	/	14.78	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: 0.10dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15_S_10M_NTNV_ERP

5G NR n14 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB	Conducted Power(dBm)			ERP(dBm)				Verdict
		Allocation	Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	793	Outer_Full	23.42	/	/	21.37	/	/	<=34.77	Pass
		Inner_Full	23.93	/	/	21.88	/	/	<=34.77	Pass
		Inner_1RB_Left	23.76	/	/	21.71	/	/	<=34.77	Pass
		Inner_1RB_Right	23.85	/	/	21.80	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	793	Outer_Full	22.86	/	/	20.81	/	/	<=34.77	Pass
		Inner_Full	23.68	/	/	21.63	/	/	<=34.77	Pass
		Inner_1RB_Left	23.79	/	/	21.74	/	/	<=34.77	Pass
		Inner_1RB_Right	23.98	/	/	21.93	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	793	Outer_Full	21.79	/	/	19.74	/	/	<=34.77	Pass
		Inner_Full	22.91	/	/	20.86	/	/	<=34.77	Pass
		Inner_1RB_Left	22.65	/	/	20.60	/	/	<=34.77	Pass
		Inner_1RB_Right	22.71	/	/	20.66	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	793	Outer_Full	21.32	/	/	19.27	/	/	<=34.77	Pass
		Inner_Full	21.46	/	/	19.41	/	/	<=34.77	Pass
		Inner_1RB_Left	21.38	/	/	19.33	/	/	<=34.77	Pass
		Inner_1RB_Right	21.58	/	/	19.53	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	793	Outer_Full	19.22	/	/	17.17	/	/	<=34.77	Pass
		Inner_Full	19.34	/	/	17.29	/	/	<=34.77	Pass
		Inner_1RB_Left	18.71	/	/	16.66	/	/	<=34.77	Pass
		Inner_1RB_Right	18.85	/	/	16.80	/	/	<=34.77	Pass
CP-OFDM QPSK	793	Outer_Full	20.88	/	/	18.83	/	/	<=34.77	Pass
		Inner_Full	22.33	/	/	20.28	/	/	<=34.77	Pass
		Inner_1RB_Left	22.31	/	/	20.26	/	/	<=34.77	Pass
		Inner_1RB_Right	22.46	/	/	20.41	/	/	<=34.77	Pass
CP-OFDM 16 QAM	793	Outer_Full	20.87	/	/	18.82	/	/	<=34.77	Pass
		Inner_Full	21.82	/	/	19.77	/	/	<=34.77	Pass
		Inner_1RB_Left	21.85	/	/	19.80	/	/	<=34.77	Pass
		Inner_1RB_Right	22.03	/	/	19.98	/	/	<=34.77	Pass
CP-OFDM 64 QAM	793	Outer_Full	20.28	/	/	18.23	/	/	<=34.77	Pass
		Inner_Full	20.29	/	/	18.24	/	/	<=34.77	Pass
		Inner_1RB_Left	20.29	/	/	18.24	/	/	<=34.77	Pass
		Inner_1RB_Right	20.55	/	/	18.50	/	/	<=34.77	Pass
CP-OFDM 256 QAM	793	Outer_Full	17.27	/	/	15.22	/	/	<=34.77	Pass
		Inner_Full	17.39	/	/	15.34	/	/	<=34.77	Pass
		Inner_1RB_Left	16.81	/	/	14.76	/	/	<=34.77	Pass
		Inner_1RB_Right	17.04	/	/	14.99	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: 0.10dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

---End of Attachment---