

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_ERP

5G NR n13 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	779.5	Outer_Full	23.33	/	/	21.38	/	/	<=34.77	Pass
		Inner_Full	23.92	/	/	21.97	/	/	<=34.77	Pass
		Inner_1RB_Left	23.82	/	/	21.87	/	/	<=34.77	Pass
		Inner_1RB_Right	23.80	/	/	21.85	/	/	<=34.77	Pass
	782	Outer_Full	23.26	/	/	21.31	/	/	<=34.77	Pass
		Inner_Full	23.86	/	/	21.91	/	/	<=34.77	Pass
		Inner_1RB_Left	23.80	/	/	21.85	/	/	<=34.77	Pass
		Inner_1RB_Right	23.77	/	/	21.82	/	/	<=34.77	Pass
	784.5	Outer_Full	23.21	/	/	21.26	/	/	<=34.77	Pass
		Inner_Full	23.76	/	/	21.81	/	/	<=34.77	Pass
		Inner_1RB_Left	23.79	/	/	21.84	/	/	<=34.77	Pass
		Inner_1RB_Right	23.83	/	/	21.88	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	779.5	Outer_Full	22.85	/	/	20.90	/	/	<=34.77	Pass
		Inner_Full	23.83	/	/	21.88	/	/	<=34.77	Pass
		Inner_1RB_Left	23.81	/	/	21.86	/	/	<=34.77	Pass
		Inner_1RB_Right	23.91	/	/	21.96	/	/	<=34.77	Pass
	782	Outer_Full	22.79	/	/	20.84	/	/	<=34.77	Pass
		Inner_Full	23.85	/	/	21.90	/	/	<=34.77	Pass
		Inner_1RB_Left	23.82	/	/	21.87	/	/	<=34.77	Pass
		Inner_1RB_Right	23.84	/	/	21.89	/	/	<=34.77	Pass
	784.5	Outer_Full	22.72	/	/	20.77	/	/	<=34.77	Pass
		Inner_Full	23.79	/	/	21.84	/	/	<=34.77	Pass
		Inner_1RB_Left	23.86	/	/	21.91	/	/	<=34.77	Pass
		Inner_1RB_Right	23.76	/	/	21.81	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	779.5	Outer_Full	21.83	/	/	19.88	/	/	<=34.77	Pass
		Inner_Full	22.86	/	/	20.91	/	/	<=34.77	Pass
		Inner_1RB_Left	22.62	/	/	20.67	/	/	<=34.77	Pass
		Inner_1RB_Right	22.81	/	/	20.86	/	/	<=34.77	Pass
	782	Outer_Full	21.84	/	/	19.89	/	/	<=34.77	Pass
		Inner_Full	22.78	/	/	20.83	/	/	<=34.77	Pass
		Inner_1RB_Left	22.73	/	/	20.78	/	/	<=34.77	Pass
		Inner_1RB_Right	22.69	/	/	20.74	/	/	<=34.77	Pass
	784.5	Outer_Full	21.78	/	/	19.83	/	/	<=34.77	Pass
		Inner_Full	22.80	/	/	20.85	/	/	<=34.77	Pass
		Inner_1RB_Left	22.68	/	/	20.73	/	/	<=34.77	Pass
		Inner_1RB_Right	22.74	/	/	20.79	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	779.5	Outer_Full	21.32	/	/	19.37	/	/	<=34.77	Pass
		Inner_Full	21.40	/	/	19.45	/	/	<=34.77	Pass
		Inner_1RB_Left	21.53	/	/	19.58	/	/	<=34.77	Pass
		Inner_1RB_Right	21.41	/	/	19.46	/	/	<=34.77	Pass
	782	Outer_Full	21.26	/	/	19.31	/	/	<=34.77	Pass
		Inner_Full	21.33	/	/	19.38	/	/	<=34.77	Pass
		Inner_1RB_Left	21.37	/	/	19.42	/	/	<=34.77	Pass
		Inner_1RB_Right	21.42	/	/	19.47	/	/	<=34.77	Pass
	784.5	Outer_Full	21.19	/	/	19.24	/	/	<=34.77	Pass
		Inner_Full	21.31	/	/	19.36	/	/	<=34.77	Pass
		Inner_1RB_Left	21.34	/	/	19.39	/	/	<=34.77	Pass
		Inner_1RB_Right	21.46	/	/	19.51	/	/	<=34.77	Pass

DFT-s-OFDM 256 QAM	779.5	Outer Full	19.22	/	/	17.27	/	/	<=34.77	Pass
		Inner Full	19.27	/	/	17.32	/	/	<=34.77	Pass
		Inner 1RB Left	18.77	/	/	16.82	/	/	<=34.77	Pass
		Inner 1RB Right	18.64	/	/	16.69	/	/	<=34.77	Pass
	782	Outer Full	19.16	/	/	17.21	/	/	<=34.77	Pass
		Inner Full	19.24	/	/	17.29	/	/	<=34.77	Pass
		Inner 1RB Left	18.76	/	/	16.81	/	/	<=34.77	Pass
		Inner 1RB Right	18.61	/	/	16.66	/	/	<=34.77	Pass
	784.5	Outer Full	19.05	/	/	17.10	/	/	<=34.77	Pass
		Inner Full	19.26	/	/	17.31	/	/	<=34.77	Pass
		Inner 1RB Left	18.67	/	/	16.72	/	/	<=34.77	Pass
		Inner 1RB Right	18.64	/	/	16.69	/	/	<=34.77	Pass
CP-OFDM QPSK	779.5	Outer Full	20.88	/	/	18.93	/	/	<=34.77	Pass
		Inner Full	22.40	/	/	20.45	/	/	<=34.77	Pass
		Inner 1RB Left	22.48	/	/	20.53	/	/	<=34.77	Pass
		Inner 1RB Right	22.38	/	/	20.43	/	/	<=34.77	Pass
	782	Outer Full	20.86	/	/	18.91	/	/	<=34.77	Pass
		Inner Full	22.36	/	/	20.41	/	/	<=34.77	Pass
		Inner 1RB Left	22.36	/	/	20.41	/	/	<=34.77	Pass
		Inner 1RB Right	22.45	/	/	20.50	/	/	<=34.77	Pass
	784.5	Outer Full	20.87	/	/	18.92	/	/	<=34.77	Pass
		Inner Full	22.30	/	/	20.35	/	/	<=34.77	Pass
		Inner 1RB Left	22.40	/	/	20.45	/	/	<=34.77	Pass
		Inner 1RB Right	22.41	/	/	20.46	/	/	<=34.77	Pass
CP-OFDM 16 QAM	779.5	Outer Full	21.00	/	/	19.05	/	/	<=34.77	Pass
		Inner Full	21.65	/	/	19.70	/	/	<=34.77	Pass
		Inner 1RB Left	22.09	/	/	20.14	/	/	<=34.77	Pass
		Inner 1RB Right	22.01	/	/	20.06	/	/	<=34.77	Pass
	782	Outer Full	20.85	/	/	18.90	/	/	<=34.77	Pass
		Inner Full	21.60	/	/	19.65	/	/	<=34.77	Pass
		Inner 1RB Left	22.02	/	/	20.07	/	/	<=34.77	Pass
		Inner 1RB Right	21.91	/	/	19.96	/	/	<=34.77	Pass
	784.5	Outer Full	20.88	/	/	18.93	/	/	<=34.77	Pass
		Inner Full	21.68	/	/	19.73	/	/	<=34.77	Pass
		Inner 1RB Left	21.87	/	/	19.92	/	/	<=34.77	Pass
		Inner 1RB Right	21.83	/	/	19.88	/	/	<=34.77	Pass
CP-OFDM 64 QAM	779.5	Outer Full	20.28	/	/	18.33	/	/	<=34.77	Pass
		Inner Full	20.33	/	/	18.38	/	/	<=34.77	Pass
		Inner 1RB Left	20.54	/	/	18.59	/	/	<=34.77	Pass
		Inner 1RB Right	20.37	/	/	18.42	/	/	<=34.77	Pass
	782	Outer Full	20.19	/	/	18.24	/	/	<=34.77	Pass
		Inner Full	20.26	/	/	18.31	/	/	<=34.77	Pass
		Inner 1RB Left	20.35	/	/	18.40	/	/	<=34.77	Pass
		Inner 1RB Right	20.39	/	/	18.44	/	/	<=34.77	Pass
	784.5	Outer Full	20.23	/	/	18.28	/	/	<=34.77	Pass
		Inner Full	20.30	/	/	18.35	/	/	<=34.77	Pass
		Inner 1RB Left	20.28	/	/	18.33	/	/	<=34.77	Pass
		Inner 1RB Right	20.35	/	/	18.40	/	/	<=34.77	Pass
CP-OFDM 256 QAM	779.5	Outer Full	17.27	/	/	15.32	/	/	<=34.77	Pass
		Inner Full	17.33	/	/	15.38	/	/	<=34.77	Pass
		Inner 1RB Left	16.90	/	/	14.95	/	/	<=34.77	Pass
		Inner 1RB Right	16.77	/	/	14.82	/	/	<=34.77	Pass
	782	Outer Full	17.29	/	/	15.34	/	/	<=34.77	Pass
		Inner Full	17.27	/	/	15.32	/	/	<=34.77	Pass
		Inner 1RB Left	16.73	/	/	14.78	/	/	<=34.77	Pass
		Inner 1RB Right	16.77	/	/	14.82	/	/	<=34.77	Pass
	784.5	Outer Full	17.26	/	/	15.31	/	/	<=34.77	Pass
		Inner Full	17.37	/	/	15.42	/	/	<=34.77	Pass

		Inner_1RB_Left	16.71	/	/	14.76	/	/	<=34.77	Pass
		Inner_1RB_Right	16.73	/	/	14.78	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: 0.20dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15_S_10M_NTNV_ERP

5G NR n13 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	782	Outer_Full	23.26	/	/	21.31	/	/	<=34.77	Pass
		Inner_Full	23.91	/	/	21.96	/	/	<=34.77	Pass
		Inner_1RB_Left	23.87	/	/	21.92	/	/	<=34.77	Pass
		Inner_1RB_Right	23.81	/	/	21.86	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	782	Outer_Full	22.82	/	/	20.87	/	/	<=34.77	Pass
		Inner_Full	23.92	/	/	21.97	/	/	<=34.77	Pass
		Inner_1RB_Left	23.83	/	/	21.88	/	/	<=34.77	Pass
		Inner_1RB_Right	23.91	/	/	21.96	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	782	Outer_Full	21.76	/	/	19.81	/	/	<=34.77	Pass
		Inner_Full	22.80	/	/	20.85	/	/	<=34.77	Pass
		Inner_1RB_Left	22.53	/	/	20.58	/	/	<=34.77	Pass
		Inner_1RB_Right	22.70	/	/	20.75	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	782	Outer_Full	21.39	/	/	19.44	/	/	<=34.77	Pass
		Inner_Full	21.34	/	/	19.39	/	/	<=34.77	Pass
		Inner_1RB_Left	21.48	/	/	19.53	/	/	<=34.77	Pass
		Inner_1RB_Right	21.43	/	/	19.48	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	782	Outer_Full	19.25	/	/	17.30	/	/	<=34.77	Pass
		Inner_Full	19.21	/	/	17.26	/	/	<=34.77	Pass
		Inner_1RB_Left	18.68	/	/	16.73	/	/	<=34.77	Pass
		Inner_1RB_Right	18.71	/	/	16.76	/	/	<=34.77	Pass
CP-OFDM QPSK	782	Outer_Full	20.87	/	/	18.92	/	/	<=34.77	Pass
		Inner_Full	22.23	/	/	20.28	/	/	<=34.77	Pass
		Inner_1RB_Left	22.37	/	/	20.42	/	/	<=34.77	Pass
		Inner_1RB_Right	22.46	/	/	20.51	/	/	<=34.77	Pass
CP-OFDM 16 QAM	782	Outer_Full	20.68	/	/	18.73	/	/	<=34.77	Pass
		Inner_Full	21.81	/	/	19.86	/	/	<=34.77	Pass
		Inner_1RB_Left	22.00	/	/	20.05	/	/	<=34.77	Pass
		Inner_1RB_Right	21.82	/	/	19.87	/	/	<=34.77	Pass
CP-OFDM 64 QAM	782	Outer_Full	20.19	/	/	18.24	/	/	<=34.77	Pass
		Inner_Full	20.22	/	/	18.27	/	/	<=34.77	Pass
		Inner_1RB_Left	20.42	/	/	18.47	/	/	<=34.77	Pass
		Inner_1RB_Right	20.37	/	/	18.42	/	/	<=34.77	Pass
CP-OFDM 256 QAM	782	Outer_Full	17.29	/	/	15.34	/	/	<=34.77	Pass
		Inner_Full	17.30	/	/	15.35	/	/	<=34.77	Pass
		Inner_1RB_Left	16.83	/	/	14.88	/	/	<=34.77	Pass
		Inner_1RB_Right	16.80	/	/	14.85	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: 0.20dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

---End of Attachment---