

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_ERP

5G NR n26 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			Conducted Power(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	816.5	Outer_Full	23.40	/	/	/	/	/	<=50	Pass
		Inner_Full	23.84	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	23.80	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	23.86	/	/	/	/	/	<=50	Pass
	819	Outer_Full	23.47	/	/	/	/	/	<=50	Pass
		Inner_Full	24.00	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	23.88	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	23.86	/	/	/	/	/	<=50	Pass
	821.5	Outer_Full	23.19	/	/	/	/	/	<=50	Pass
		Inner_Full	23.71	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	23.71	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	23.64	/	/	/	/	/	<=50	Pass
DFT-s-OFDM QPSK	816.5	Outer_Full	22.89	/	/	/	/	/	<=50	Pass
		Inner_Full	23.82	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	23.83	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	23.92	/	/	/	/	/	<=50	Pass
	819	Outer_Full	22.99	/	/	/	/	/	<=50	Pass
		Inner_Full	23.87	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	23.98	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	23.89	/	/	/	/	/	<=50	Pass
	821.5	Outer_Full	22.79	/	/	/	/	/	<=50	Pass
		Inner_Full	23.74	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	23.77	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	23.70	/	/	/	/	/	<=50	Pass
DFT-s-OFDM 16 QAM	816.5	Outer_Full	21.94	/	/	/	/	/	<=50	Pass
		Inner_Full	22.97	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	22.74	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	22.82	/	/	/	/	/	<=50	Pass
	819	Outer_Full	22.01	/	/	/	/	/	<=50	Pass
		Inner_Full	23.05	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	22.86	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	22.82	/	/	/	/	/	<=50	Pass
	821.5	Outer_Full	21.74	/	/	/	/	/	<=50	Pass
		Inner_Full	22.75	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	22.68	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	22.55	/	/	/	/	/	<=50	Pass
DFT-s-OFDM 64 QAM	816.5	Outer_Full	21.36	/	/	/	/	/	<=50	Pass
		Inner_Full	21.32	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	21.48	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	21.45	/	/	/	/	/	<=50	Pass
	819	Outer_Full	21.50	/	/	/	/	/	<=50	Pass
		Inner_Full	21.47	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	21.56	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	21.55	/	/	/	/	/	<=50	Pass
	821.5	Outer_Full	21.22	/	/	/	/	/	<=50	Pass
		Inner_Full	21.27	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	21.33	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	21.37	/	/	/	/	/	<=50	Pass

DFT-s-OFDM 256 QAM	816.5	Outer Full	19.37	/	/	/	/	/	<=50	Pass
		Inner Full	19.23	/	/	/	/	/	<=50	Pass
		Inner 1RB Left	18.87	/	/	/	/	/	<=50	Pass
		Inner 1RB Right	18.87	/	/	/	/	/	<=50	Pass
	819	Outer Full	19.37	/	/	/	/	/	<=50	Pass
		Inner Full	19.40	/	/	/	/	/	<=50	Pass
		Inner 1RB Left	18.90	/	/	/	/	/	<=50	Pass
		Inner 1RB Right	18.95	/	/	/	/	/	<=50	Pass
	821.5	Outer Full	19.21	/	/	/	/	/	<=50	Pass
		Inner Full	19.15	/	/	/	/	/	<=50	Pass
		Inner 1RB Left	18.77	/	/	/	/	/	<=50	Pass
		Inner 1RB Right	18.59	/	/	/	/	/	<=50	Pass
CP-OFDM QPSK	816.5	Outer Full	21.01	/	/	/	/	/	<=50	Pass
		Inner Full	22.37	/	/	/	/	/	<=50	Pass
		Inner 1RB Left	22.40	/	/	/	/	/	<=50	Pass
		Inner 1RB Right	22.50	/	/	/	/	/	<=50	Pass
	819	Outer Full	21.11	/	/	/	/	/	<=50	Pass
		Inner Full	22.52	/	/	/	/	/	<=50	Pass
		Inner 1RB Left	22.51	/	/	/	/	/	<=50	Pass
		Inner 1RB Right	22.53	/	/	/	/	/	<=50	Pass
	821.5	Outer Full	20.82	/	/	/	/	/	<=50	Pass
		Inner Full	22.26	/	/	/	/	/	<=50	Pass
		Inner 1RB Left	22.43	/	/	/	/	/	<=50	Pass
		Inner 1RB Right	22.37	/	/	/	/	/	<=50	Pass
CP-OFDM 16 QAM	816.5	Outer Full	20.92	/	/	/	/	/	<=50	Pass
		Inner Full	21.66	/	/	/	/	/	<=50	Pass
		Inner 1RB Left	21.92	/	/	/	/	/	<=50	Pass
		Inner 1RB Right	22.15	/	/	/	/	/	<=50	Pass
	819	Outer Full	21.09	/	/	/	/	/	<=50	Pass
		Inner Full	21.81	/	/	/	/	/	<=50	Pass
		Inner 1RB Left	22.05	/	/	/	/	/	<=50	Pass
		Inner 1RB Right	22.16	/	/	/	/	/	<=50	Pass
	821.5	Outer Full	20.82	/	/	/	/	/	<=50	Pass
		Inner Full	21.53	/	/	/	/	/	<=50	Pass
		Inner 1RB Left	21.88	/	/	/	/	/	<=50	Pass
		Inner 1RB Right	21.84	/	/	/	/	/	<=50	Pass
CP-OFDM 64 QAM	816.5	Outer Full	20.42	/	/	/	/	/	<=50	Pass
		Inner Full	20.36	/	/	/	/	/	<=50	Pass
		Inner 1RB Left	20.42	/	/	/	/	/	<=50	Pass
		Inner 1RB Right	20.41	/	/	/	/	/	<=50	Pass
	819	Outer Full	20.48	/	/	/	/	/	<=50	Pass
		Inner Full	20.45	/	/	/	/	/	<=50	Pass
		Inner 1RB Left	20.38	/	/	/	/	/	<=50	Pass
		Inner 1RB Right	20.50	/	/	/	/	/	<=50	Pass
	821.5	Outer Full	20.22	/	/	/	/	/	<=50	Pass
		Inner Full	20.27	/	/	/	/	/	<=50	Pass
		Inner 1RB Left	20.28	/	/	/	/	/	<=50	Pass
		Inner 1RB Right	20.30	/	/	/	/	/	<=50	Pass
CP-OFDM 256 QAM	816.5	Outer Full	17.45	/	/	/	/	/	<=50	Pass
		Inner Full	17.39	/	/	/	/	/	<=50	Pass
		Inner 1RB Left	16.98	/	/	/	/	/	<=50	Pass
		Inner 1RB Right	16.98	/	/	/	/	/	<=50	Pass
	819	Outer Full	17.45	/	/	/	/	/	<=50	Pass
		Inner Full	17.50	/	/	/	/	/	<=50	Pass
		Inner 1RB Left	17.06	/	/	/	/	/	<=50	Pass
		Inner 1RB Right	17.00	/	/	/	/	/	<=50	Pass
	821.5	Outer Full	17.22	/	/	/	/	/	<=50	Pass
		Inner Full	17.25	/	/	/	/	/	<=50	Pass

		Inner_1RB_Left	16.81	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	16.74	/	/	/	/	/	<=50	Pass
Note1: Antenna Gain: Ant1: 0.70dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15_S_10M_NTNV_ERP

5G NR n26 SCS=15kHz SISO 10MHz NTNv										
Modulation	Frequency (MHz)	RB	Conducted Power(dBm)			Conducted Power(dBm)				Verdict
		Allocation	Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	819	Outer_Full	23.44	/	/	/	/	/	<=50	Pass
		Inner_Full	24.02	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	24.02	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	23.92	/	/	/	/	/	<=50	Pass
DFT-s-OFDM QPSK	819	Outer_Full	22.87	/	/	/	/	/	<=50	Pass
		Inner_Full	23.98	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	23.81	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	24.03	/	/	/	/	/	<=50	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	21.90	/	/	/	/	/	<=50	Pass
		Inner_Full	22.94	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	22.74	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	22.87	/	/	/	/	/	<=50	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	21.48	/	/	/	/	/	<=50	Pass
		Inner_Full	21.40	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	21.50	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	21.56	/	/	/	/	/	<=50	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full	19.39	/	/	/	/	/	<=50	Pass
		Inner_Full	19.38	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	18.69	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	18.78	/	/	/	/	/	<=50	Pass
CP-OFDM QPSK	819	Outer_Full	20.91	/	/	/	/	/	<=50	Pass
		Inner_Full	22.40	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	22.38	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	22.57	/	/	/	/	/	<=50	Pass
CP-OFDM 16 QAM	819	Outer_Full	20.97	/	/	/	/	/	<=50	Pass
		Inner_Full	21.88	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	22.01	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	22.05	/	/	/	/	/	<=50	Pass
CP-OFDM 64 QAM	819	Outer_Full	20.38	/	/	/	/	/	<=50	Pass
		Inner_Full	20.39	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	20.35	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	20.54	/	/	/	/	/	<=50	Pass
CP-OFDM 256 QAM	819	Outer_Full	17.38	/	/	/	/	/	<=50	Pass
		Inner_Full	17.35	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	16.78	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	16.95	/	/	/	/	/	<=50	Pass
Note1: Antenna Gain: Ant1: 0.70dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

---End of Attachment---