

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 15\_S\_5M\_NTNV\_ERP

5G NR n26a 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	816.5	Outer_Full	23.64	/	/	/	/	/	<=50	Pass
		Inner_Full	24.11	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	24.04	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	24.04	/	/	/	/	/	<=50	Pass
	819	Outer_Full	23.61	/	/	/	/	/	<=50	Pass
		Inner_Full	24.14	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	24.19	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	24.15	/	/	/	/	/	<=50	Pass
	821.5	Outer_Full	23.66	/	/	/	/	/	<=50	Pass
		Inner_Full	24.15	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	24.09	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	23.99	/	/	/	/	/	<=50	Pass
DFT-s-OFDM QPSK	816.5	Outer_Full	23.03	/	/	/	/	/	<=50	Pass
		Inner_Full	24.15	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	24.03	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	24.01	/	/	/	/	/	<=50	Pass
	819	Outer_Full	23.17	/	/	/	/	/	<=50	Pass
		Inner_Full	23.98	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	24.08	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	24.05	/	/	/	/	/	<=50	Pass
	821.5	Outer_Full	23.18	/	/	/	/	/	<=50	Pass
		Inner_Full	24.14	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	24.04	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	24.08	/	/	/	/	/	<=50	Pass
DFT-s-OFDM 16 QAM	816.5	Outer_Full	22.17	/	/	/	/	/	<=50	Pass
		Inner_Full	23.15	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	23.06	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	23.01	/	/	/	/	/	<=50	Pass
	819	Outer_Full	22.16	/	/	/	/	/	<=50	Pass
		Inner_Full	23.20	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	22.97	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	22.93	/	/	/	/	/	<=50	Pass
	821.5	Outer_Full	22.17	/	/	/	/	/	<=50	Pass
		Inner_Full	23.09	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	23.00	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	23.02	/	/	/	/	/	<=50	Pass
DFT-s-OFDM 64 QAM	816.5	Outer_Full	21.61	/	/	/	/	/	<=50	Pass
		Inner_Full	21.65	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	21.74	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	21.62	/	/	/	/	/	<=50	Pass
	819	Outer_Full	21.66	/	/	/	/	/	<=50	Pass
		Inner_Full	21.63	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	21.74	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	21.74	/	/	/	/	/	<=50	Pass
	821.5	Outer_Full	21.54	/	/	/	/	/	<=50	Pass
		Inner_Full	21.62	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	21.77	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	21.71	/	/	/	/	/	<=50	Pass
DFT-s-OFDM 256	816.5	Outer_Full	19.54	/	/	/	/	/	<=50	Pass

QAM		Inner_Full	19.57	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Left	19.08	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Right	19.05	/	/	/	/	/	<=50	Pass	
	819	Outer_Full	19.61	/	/	/	/	/	<=50	Pass	
		Inner_Full	19.57	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Left	19.16	/	/	/	/	/	<=50	Pass	
	821.5	Inner_1RB_Right	19.10	/	/	/	/	/	<=50	Pass	
		Outer_Full	19.49	/	/	/	/	/	<=50	Pass	
		Inner_Full	19.58	/	/	/	/	/	<=50	Pass	
	CP-OFDM QPSK	816.5	Inner_1RB_Left	19.08	/	/	/	/	/	<=50	Pass
			Inner_1RB_Right	19.07	/	/	/	/	/	<=50	Pass
			Outer_Full	21.25	/	/	/	/	/	<=50	Pass
Inner_Full			22.76	/	/	/	/	/	<=50	Pass	
819		Inner_1RB_Left	22.71	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Right	22.61	/	/	/	/	/	<=50	Pass	
		Outer_Full	21.24	/	/	/	/	/	<=50	Pass	
		Inner_Full	22.67	/	/	/	/	/	<=50	Pass	
821.5		Inner_1RB_Left	22.63	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Right	22.72	/	/	/	/	/	<=50	Pass	
		Outer_Full	21.20	/	/	/	/	/	<=50	Pass	
		Inner_Full	22.62	/	/	/	/	/	<=50	Pass	
CP-OFDM 16 QAM	816.5	Inner_1RB_Left	22.72	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Right	22.66	/	/	/	/	/	<=50	Pass	
		Outer_Full	21.21	/	/	/	/	/	<=50	Pass	
		Inner_Full	21.99	/	/	/	/	/	<=50	Pass	
	819	Inner_1RB_Left	22.23	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Right	22.24	/	/	/	/	/	<=50	Pass	
		Outer_Full	21.23	/	/	/	/	/	<=50	Pass	
		Inner_Full	22.01	/	/	/	/	/	<=50	Pass	
	821.5	Inner_1RB_Left	22.28	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Right	22.28	/	/	/	/	/	<=50	Pass	
		Outer_Full	21.20	/	/	/	/	/	<=50	Pass	
		Inner_Full	21.92	/	/	/	/	/	<=50	Pass	
CP-OFDM 64 QAM	816.5	Inner_1RB_Left	22.29	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Right	22.12	/	/	/	/	/	<=50	Pass	
		Outer_Full	20.63	/	/	/	/	/	<=50	Pass	
		Inner_Full	20.66	/	/	/	/	/	<=50	Pass	
	819	Inner_1RB_Left	20.71	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Right	20.66	/	/	/	/	/	<=50	Pass	
		Outer_Full	20.70	/	/	/	/	/	<=50	Pass	
		Inner_Full	20.68	/	/	/	/	/	<=50	Pass	
	821.5	Inner_1RB_Left	20.62	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Right	20.60	/	/	/	/	/	<=50	Pass	
		Outer_Full	20.51	/	/	/	/	/	<=50	Pass	
		Inner_Full	20.59	/	/	/	/	/	<=50	Pass	
CP-OFDM 256 QAM	816.5	Inner_1RB_Left	20.63	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Right	20.60	/	/	/	/	/	<=50	Pass	
		Outer_Full	17.59	/	/	/	/	/	<=50	Pass	
		Inner_Full	17.61	/	/	/	/	/	<=50	Pass	
	819	Inner_1RB_Left	17.33	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Right	17.32	/	/	/	/	/	<=50	Pass	
		Outer_Full	17.70	/	/	/	/	/	<=50	Pass	
		Inner_Full	17.66	/	/	/	/	/	<=50	Pass	
	821.5	Inner_1RB_Left	17.39	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Right	17.41	/	/	/	/	/	<=50	Pass	
		Outer_Full	17.70	/	/	/	/	/	<=50	Pass	
		Inner_Full	17.69	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Left	17.35	/	/	/	/	/	<=50	Pass	
		Inner_1RB_Right	17.19	/	/	/	/	/	<=50	Pass	

## 1.1.2 15\_S\_10M\_NTNV\_ERP

5G NR n26a SCS=15kHz SISO 10MHz 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	819	Outer_Full	23.55	/	/	/	/	/	<=50	Pass
		Inner_Full	24.19	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	24.16	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	24.11	/	/	/	/	/	<=50	Pass
DFT-s-OFDM QPSK	819	Outer_Full	23.06	/	/	/	/	/	<=50	Pass
		Inner_Full	24.16	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	24.22	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	24.16	/	/	/	/	/	<=50	Pass
DFT-s-OFDM 16 QAM	819	Outer_Full	22.08	/	/	/	/	/	<=50	Pass
		Inner_Full	23.16	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	22.99	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	23.03	/	/	/	/	/	<=50	Pass
DFT-s-OFDM 64 QAM	819	Outer_Full	21.72	/	/	/	/	/	<=50	Pass
		Inner_Full	21.62	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	21.67	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	21.74	/	/	/	/	/	<=50	Pass
DFT-s-OFDM 256 QAM	819	Outer_Full	19.58	/	/	/	/	/	<=50	Pass
		Inner_Full	19.60	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	18.97	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	19.04	/	/	/	/	/	<=50	Pass
CP-OFDM QPSK	819	Outer_Full	21.16	/	/	/	/	/	<=50	Pass
		Inner_Full	22.62	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	22.63	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	22.70	/	/	/	/	/	<=50	Pass
CP-OFDM 16 QAM	819	Outer_Full	21.11	/	/	/	/	/	<=50	Pass
		Inner_Full	22.14	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	22.16	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	22.15	/	/	/	/	/	<=50	Pass
CP-OFDM 64 QAM	819	Outer_Full	20.63	/	/	/	/	/	<=50	Pass
		Inner_Full	20.60	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	20.62	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	20.65	/	/	/	/	/	<=50	Pass
CP-OFDM 256 QAM	819	Outer_Full	17.65	/	/	/	/	/	<=50	Pass
		Inner_Full	17.67	/	/	/	/	/	<=50	Pass
		Inner_1RB_Left	17.22	/	/	/	/	/	<=50	Pass
		Inner_1RB_Right	17.24	/	/	/	/	/	<=50	Pass