

Appendix B.27

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_ERP

5G NR n12 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	701.5	Edge_1RB_Left	23.80	/	/	21.92	/	/	<=34.77	Pass
		Edge_1RB_Right	23.88	/	/	22.00	/	/	<=34.77	Pass
		Outer_Full	23.89	/	/	22.01	/	/	<=34.77	Pass
		Inner_Full	24.39	/	/	22.51	/	/	<=34.77	Pass
		Inner_1RB_Left	24.18	/	/	22.30	/	/	<=34.77	Pass
		Inner_1RB_Right	24.29	/	/	22.41	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	23.72	/	/	21.84	/	/	<=34.77	Pass
		Edge_1RB_Right	23.64	/	/	21.76	/	/	<=34.77	Pass
		Outer_Full	23.71	/	/	21.83	/	/	<=34.77	Pass
		Inner_Full	24.22	/	/	22.34	/	/	<=34.77	Pass
		Inner_1RB_Left	24.18	/	/	22.30	/	/	<=34.77	Pass
		Inner_1RB_Right	24.11	/	/	22.23	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	23.64	/	/	21.76	/	/	<=34.77	Pass
		Edge_1RB_Right	23.62	/	/	21.74	/	/	<=34.77	Pass
		Outer_Full	23.65	/	/	21.77	/	/	<=34.77	Pass
		Inner_Full	24.17	/	/	22.29	/	/	<=34.77	Pass
		Inner_1RB_Left	24.15	/	/	22.27	/	/	<=34.77	Pass
		Inner_1RB_Right	24.09	/	/	22.21	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	701.5	Edge_1RB_Left	23.17	/	/	21.29	/	/	<=34.77	Pass
		Edge_1RB_Right	23.22	/	/	21.34	/	/	<=34.77	Pass
		Outer_Full	23.36	/	/	21.48	/	/	<=34.77	Pass
		Inner_Full	24.39	/	/	22.51	/	/	<=34.77	Pass
		Inner_1RB_Left	24.19	/	/	22.31	/	/	<=34.77	Pass
		Inner_1RB_Right	24.25	/	/	22.37	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	23.11	/	/	21.23	/	/	<=34.77	Pass
		Edge_1RB_Right	23.15	/	/	21.27	/	/	<=34.77	Pass
		Outer_Full	23.25	/	/	21.37	/	/	<=34.77	Pass
		Inner_Full	24.30	/	/	22.42	/	/	<=34.77	Pass
		Inner_1RB_Left	24.12	/	/	22.24	/	/	<=34.77	Pass
		Inner_1RB_Right	24.14	/	/	22.26	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	23.04	/	/	21.16	/	/	<=34.77	Pass
		Edge_1RB_Right	23.06	/	/	21.18	/	/	<=34.77	Pass
		Outer_Full	23.09	/	/	21.21	/	/	<=34.77	Pass
		Inner_Full	24.21	/	/	22.33	/	/	<=34.77	Pass
		Inner_1RB_Left	24.05	/	/	22.17	/	/	<=34.77	Pass
		Inner_1RB_Right	24.10	/	/	22.22	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	701.5	Edge_1RB_Left	22.18	/	/	20.30	/	/	<=34.77	Pass
		Edge_1RB_Right	22.20	/	/	20.32	/	/	<=34.77	Pass
		Outer_Full	22.32	/	/	20.44	/	/	<=34.77	Pass
		Inner_Full	23.35	/	/	21.47	/	/	<=34.77	Pass
		Inner_1RB_Left	23.17	/	/	21.29	/	/	<=34.77	Pass

	707.5	Inner 1RB Right	23.27	/	/	21.39	/	/	<=34.77	Pass
		Edge 1RB Left	22.08	/	/	20.20	/	/	<=34.77	Pass
		Edge 1RB Right	21.97	/	/	20.09	/	/	<=34.77	Pass
		Outer Full	22.17	/	/	20.29	/	/	<=34.77	Pass
		Inner Full	23.25	/	/	21.37	/	/	<=34.77	Pass
		Inner 1RB Left	23.07	/	/	21.19	/	/	<=34.77	Pass
	713.5	Inner 1RB Right	23.09	/	/	21.21	/	/	<=34.77	Pass
		Edge 1RB Left	21.98	/	/	20.10	/	/	<=34.77	Pass
		Edge 1RB Right	22.00	/	/	20.12	/	/	<=34.77	Pass
		Outer Full	22.04	/	/	20.16	/	/	<=34.77	Pass
		Inner Full	23.14	/	/	21.26	/	/	<=34.77	Pass
		Inner 1RB Left	23.04	/	/	21.16	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	701.5	Inner 1RB Right	23.08	/	/	21.20	/	/	<=34.77	Pass
		Edge 1RB Left	21.51	/	/	19.63	/	/	<=34.77	Pass
		Edge 1RB Right	21.24	/	/	19.36	/	/	<=34.77	Pass
		Outer Full	22.01	/	/	20.13	/	/	<=34.77	Pass
		Inner Full	22.00	/	/	20.12	/	/	<=34.77	Pass
		Inner 1RB Left	21.55	/	/	19.67	/	/	<=34.77	Pass
	707.5	Inner 1RB Right	21.29	/	/	19.41	/	/	<=34.77	Pass
		Edge 1RB Left	21.34	/	/	19.46	/	/	<=34.77	Pass
		Edge 1RB Right	21.26	/	/	19.38	/	/	<=34.77	Pass
		Outer Full	21.67	/	/	19.79	/	/	<=34.77	Pass
		Inner Full	21.73	/	/	19.85	/	/	<=34.77	Pass
		Inner 1RB Left	21.35	/	/	19.47	/	/	<=34.77	Pass
	713.5	Inner 1RB Right	21.24	/	/	19.36	/	/	<=34.77	Pass
		Edge 1RB Left	21.15	/	/	19.27	/	/	<=34.77	Pass
		Edge 1RB Right	21.22	/	/	19.34	/	/	<=34.77	Pass
		Outer Full	21.54	/	/	19.66	/	/	<=34.77	Pass
		Inner Full	21.62	/	/	19.74	/	/	<=34.77	Pass
		Inner 1RB Left	21.08	/	/	19.20	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	701.5	Inner 1RB Right	21.17	/	/	19.29	/	/	<=34.77	Pass
		Edge 1RB Left	20.21	/	/	18.33	/	/	<=34.77	Pass
		Edge 1RB Right	20.30	/	/	18.42	/	/	<=34.77	Pass
		Outer Full	19.98	/	/	18.10	/	/	<=34.77	Pass
		Inner Full	19.88	/	/	18.00	/	/	<=34.77	Pass
		Inner 1RB Left	20.21	/	/	18.33	/	/	<=34.77	Pass
	707.5	Inner 1RB Right	20.27	/	/	18.39	/	/	<=34.77	Pass
		Edge 1RB Left	20.04	/	/	18.16	/	/	<=34.77	Pass
		Edge 1RB Right	20.08	/	/	18.20	/	/	<=34.77	Pass
		Outer Full	19.84	/	/	17.96	/	/	<=34.77	Pass
		Inner Full	19.79	/	/	17.91	/	/	<=34.77	Pass
		Inner 1RB Left	20.12	/	/	18.24	/	/	<=34.77	Pass
	713.5	Inner 1RB Right	20.16	/	/	18.28	/	/	<=34.77	Pass
		Edge 1RB Left	20.04	/	/	18.16	/	/	<=34.77	Pass
		Edge 1RB Right	20.02	/	/	18.14	/	/	<=34.77	Pass
		Outer Full	19.74	/	/	17.86	/	/	<=34.77	Pass
		Inner Full	19.71	/	/	17.83	/	/	<=34.77	Pass
		Inner 1RB Left	20.11	/	/	18.23	/	/	<=34.77	Pass
CP-OFDM QPSK	701.5	Inner 1RB Right	20.10	/	/	18.22	/	/	<=34.77	Pass
		Edge 1RB Left	21.46	/	/	19.58	/	/	<=34.77	Pass
		Edge 1RB Right	21.54	/	/	19.66	/	/	<=34.77	Pass
		Outer Full	21.47	/	/	19.59	/	/	<=34.77	Pass
		Inner Full	22.86	/	/	20.98	/	/	<=34.77	Pass
		Inner 1RB Left	22.65	/	/	20.77	/	/	<=34.77	Pass
		Inner 1RB Right	22.77	/	/	20.89	/	/	<=34.77	Pass

	707.5	Edge_1RB_Left	21.37	/	/	19.49	/	/	<=34.77	Pass
		Edge_1RB_Right	21.34	/	/	19.46	/	/	<=34.77	Pass
		Outer_Full	21.32	/	/	19.44	/	/	<=34.77	Pass
		Inner_Full	22.80	/	/	20.92	/	/	<=34.77	Pass
		Inner_1RB_Left	22.59	/	/	20.71	/	/	<=34.77	Pass
		Inner_1RB_Right	22.57	/	/	20.69	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	21.32	/	/	19.44	/	/	<=34.77	Pass
		Edge_1RB_Right	21.30	/	/	19.42	/	/	<=34.77	Pass
		Outer_Full	21.22	/	/	19.34	/	/	<=34.77	Pass
		Inner_Full	22.70	/	/	20.82	/	/	<=34.77	Pass
		Inner_1RB_Left	22.59	/	/	20.71	/	/	<=34.77	Pass
		Inner_1RB_Right	22.54	/	/	20.66	/	/	<=34.77	Pass
CP-OFDM 16 QAM	701.5	Edge_1RB_Left	21.35	/	/	19.47	/	/	<=34.77	Pass
		Edge_1RB_Right	21.43	/	/	19.55	/	/	<=34.77	Pass
		Outer_Full	21.44	/	/	19.56	/	/	<=34.77	Pass
		Inner_Full	22.36	/	/	20.48	/	/	<=34.77	Pass
		Inner_1RB_Left	22.18	/	/	20.30	/	/	<=34.77	Pass
		Inner_1RB_Right	22.17	/	/	20.29	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	21.28	/	/	19.40	/	/	<=34.77	Pass
		Edge_1RB_Right	21.26	/	/	19.38	/	/	<=34.77	Pass
		Outer_Full	21.31	/	/	19.43	/	/	<=34.77	Pass
		Inner_Full	22.23	/	/	20.35	/	/	<=34.77	Pass
		Inner_1RB_Left	22.08	/	/	20.20	/	/	<=34.77	Pass
		Inner_1RB_Right	22.11	/	/	20.23	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	21.24	/	/	19.36	/	/	<=34.77	Pass
		Edge_1RB_Right	21.24	/	/	19.36	/	/	<=34.77	Pass
		Outer_Full	21.20	/	/	19.32	/	/	<=34.77	Pass
		Inner_Full	22.16	/	/	20.28	/	/	<=34.77	Pass
		Inner_1RB_Left	22.03	/	/	20.15	/	/	<=34.77	Pass
		Inner_1RB_Right	21.96	/	/	20.08	/	/	<=34.77	Pass
CP-OFDM 64 QAM	701.5	Edge_1RB_Left	20.52	/	/	18.64	/	/	<=34.77	Pass
		Edge_1RB_Right	20.58	/	/	18.70	/	/	<=34.77	Pass
		Outer_Full	20.99	/	/	19.11	/	/	<=34.77	Pass
		Inner_Full	20.99	/	/	19.11	/	/	<=34.77	Pass
		Inner_1RB_Left	20.56	/	/	18.68	/	/	<=34.77	Pass
		Inner_1RB_Right	20.57	/	/	18.69	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	20.44	/	/	18.56	/	/	<=34.77	Pass
		Edge_1RB_Right	20.45	/	/	18.57	/	/	<=34.77	Pass
		Outer_Full	20.80	/	/	18.92	/	/	<=34.77	Pass
		Inner_Full	20.87	/	/	18.99	/	/	<=34.77	Pass
		Inner_1RB_Left	20.44	/	/	18.56	/	/	<=34.77	Pass
		Inner_1RB_Right	20.43	/	/	18.55	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	20.38	/	/	18.50	/	/	<=34.77	Pass
		Edge_1RB_Right	20.44	/	/	18.56	/	/	<=34.77	Pass
		Outer_Full	20.72	/	/	18.84	/	/	<=34.77	Pass
		Inner_Full	20.80	/	/	18.92	/	/	<=34.77	Pass
		Inner_1RB_Left	20.36	/	/	18.48	/	/	<=34.77	Pass
		Inner_1RB_Right	20.32	/	/	18.44	/	/	<=34.77	Pass
CP-OFDM 256 QAM	701.5	Edge_1RB_Left	18.03	/	/	16.15	/	/	<=34.77	Pass
		Edge_1RB_Right	17.99	/	/	16.11	/	/	<=34.77	Pass
		Outer_Full	17.96	/	/	16.08	/	/	<=34.77	Pass
		Inner_Full	17.99	/	/	16.11	/	/	<=34.77	Pass
		Inner_1RB_Left	18.08	/	/	16.20	/	/	<=34.77	Pass
		Inner_1RB_Right	18.08	/	/	16.20	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	17.92	/	/	16.04	/	/	<=34.77	Pass

		Edge_1RB_Right	17.88	/	/	16.00	/	/	<=34.77	Pass
		Outer_Full	17.72	/	/	15.84	/	/	<=34.77	Pass
		Inner_Full	17.90	/	/	16.02	/	/	<=34.77	Pass
		Inner_1RB_Left	17.97	/	/	16.09	/	/	<=34.77	Pass
		Inner_1RB_Right	17.98	/	/	16.10	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	17.81	/	/	15.93	/	/	<=34.77	Pass
		Edge_1RB_Right	17.88	/	/	16.00	/	/	<=34.77	Pass
		Outer_Full	17.73	/	/	15.85	/	/	<=34.77	Pass
		Inner_Full	17.82	/	/	15.94	/	/	<=34.77	Pass
		Inner_1RB_Left	17.93	/	/	16.05	/	/	<=34.77	Pass
		Inner_1RB_Right	17.91	/	/	16.03	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: 0.27dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.2 15_S_10M_NTNV_ERP

5G NR n12 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	704	Edge 1RB Left	23.68	/	/	21.80	/	/	<=34.77	Pass
		Edge 1RB Right	23.73	/	/	21.85	/	/	<=34.77	Pass
		Outer Full	23.78	/	/	21.90	/	/	<=34.77	Pass
		Inner Full	24.26	/	/	22.38	/	/	<=34.77	Pass
		Inner 1RB Left	24.14	/	/	22.26	/	/	<=34.77	Pass
		Inner 1RB Right	24.15	/	/	22.27	/	/	<=34.77	Pass
	707.5	Edge 1RB Left	23.79	/	/	21.91	/	/	<=34.77	Pass
		Edge 1RB Right	23.68	/	/	21.80	/	/	<=34.77	Pass
		Outer Full	23.66	/	/	21.78	/	/	<=34.77	Pass
		Inner Full	24.28	/	/	22.40	/	/	<=34.77	Pass
		Inner 1RB Left	24.19	/	/	22.31	/	/	<=34.77	Pass
		Inner 1RB Right	24.14	/	/	22.26	/	/	<=34.77	Pass
	711	Edge 1RB Left	23.64	/	/	21.76	/	/	<=34.77	Pass
		Edge 1RB Right	23.69	/	/	21.81	/	/	<=34.77	Pass
		Outer Full	23.75	/	/	21.87	/	/	<=34.77	Pass
		Inner Full	24.16	/	/	22.28	/	/	<=34.77	Pass
		Inner 1RB Left	24.18	/	/	22.30	/	/	<=34.77	Pass
		Inner 1RB Right	24.11	/	/	22.23	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	704	Edge 1RB Left	23.19	/	/	21.31	/	/	<=34.77	Pass
		Edge 1RB Right	23.14	/	/	21.26	/	/	<=34.77	Pass
		Outer Full	23.26	/	/	21.38	/	/	<=34.77	Pass
		Inner Full	24.32	/	/	22.44	/	/	<=34.77	Pass
		Inner 1RB Left	24.16	/	/	22.28	/	/	<=34.77	Pass
		Inner 1RB Right	24.13	/	/	22.25	/	/	<=34.77	Pass
	707.5	Edge 1RB Left	23.21	/	/	21.33	/	/	<=34.77	Pass
		Edge 1RB Right	23.16	/	/	21.28	/	/	<=34.77	Pass
		Outer Full	23.19	/	/	21.31	/	/	<=34.77	Pass
		Inner Full	24.30	/	/	22.42	/	/	<=34.77	Pass
		Inner 1RB Left	24.23	/	/	22.35	/	/	<=34.77	Pass
		Inner 1RB Right	24.10	/	/	22.22	/	/	<=34.77	Pass
	711	Edge 1RB Left	23.14	/	/	21.26	/	/	<=34.77	Pass
		Edge 1RB Right	23.08	/	/	21.20	/	/	<=34.77	Pass
		Outer Full	23.24	/	/	21.36	/	/	<=34.77	Pass
		Inner Full	24.26	/	/	22.38	/	/	<=34.77	Pass

DFT-s-OFDM 16 QAM		Inner_1RB_Left	24.11	/	/	22.23	/	/	<=34.77	Pass
		Inner_1RB_Right	24.08	/	/	22.20	/	/	<=34.77	Pass
	704	Edge_1RB_Left	22.08	/	/	20.20	/	/	<=34.77	Pass
		Edge_1RB_Right	22.10	/	/	20.22	/	/	<=34.77	Pass
		Outer_Full	22.23	/	/	20.35	/	/	<=34.77	Pass
		Inner_Full	23.28	/	/	21.40	/	/	<=34.77	Pass
		Inner_1RB_Left	23.09	/	/	21.21	/	/	<=34.77	Pass
		Inner_1RB_Right	23.09	/	/	21.21	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	22.16	/	/	20.28	/	/	<=34.77	Pass
		Edge_1RB_Right	22.15	/	/	20.27	/	/	<=34.77	Pass
		Outer_Full	22.16	/	/	20.28	/	/	<=34.77	Pass
		Inner_Full	23.22	/	/	21.34	/	/	<=34.77	Pass
		Inner_1RB_Left	23.19	/	/	21.31	/	/	<=34.77	Pass
		Inner_1RB_Right	23.08	/	/	21.20	/	/	<=34.77	Pass
	711	Edge_1RB_Left	22.00	/	/	20.12	/	/	<=34.77	Pass
		Edge_1RB_Right	22.09	/	/	20.21	/	/	<=34.77	Pass
		Outer_Full	22.21	/	/	20.33	/	/	<=34.77	Pass
		Inner_Full	23.18	/	/	21.30	/	/	<=34.77	Pass
		Inner_1RB_Left	23.05	/	/	21.17	/	/	<=34.77	Pass
		Inner_1RB_Right	23.07	/	/	21.19	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	704	Edge_1RB_Left	21.49	/	/	19.61	/	/	<=34.77	Pass
		Edge_1RB_Right	21.35	/	/	19.47	/	/	<=34.77	Pass
		Outer_Full	21.88	/	/	20.00	/	/	<=34.77	Pass
		Inner_Full	21.89	/	/	20.01	/	/	<=34.77	Pass
		Inner_1RB_Left	21.56	/	/	19.68	/	/	<=34.77	Pass
		Inner_1RB_Right	21.24	/	/	19.36	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	21.23	/	/	19.35	/	/	<=34.77	Pass
		Edge_1RB_Right	21.48	/	/	19.60	/	/	<=34.77	Pass
		Outer_Full	21.78	/	/	19.90	/	/	<=34.77	Pass
		Inner_Full	21.82	/	/	19.94	/	/	<=34.77	Pass
		Inner_1RB_Left	21.26	/	/	19.38	/	/	<=34.77	Pass
		Inner_1RB_Right	21.11	/	/	19.23	/	/	<=34.77	Pass
	711	Edge_1RB_Left	21.15	/	/	19.27	/	/	<=34.77	Pass
		Edge_1RB_Right	21.23	/	/	19.35	/	/	<=34.77	Pass
		Outer_Full	21.69	/	/	19.81	/	/	<=34.77	Pass
		Inner_Full	21.61	/	/	19.73	/	/	<=34.77	Pass
		Inner_1RB_Left	21.43	/	/	19.55	/	/	<=34.77	Pass
		Inner_1RB_Right	21.25	/	/	19.37	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	704	Edge_1RB_Left	20.10	/	/	18.22	/	/	<=34.77	Pass
		Edge_1RB_Right	20.19	/	/	18.31	/	/	<=34.77	Pass
		Outer_Full	19.89	/	/	18.01	/	/	<=34.77	Pass
		Inner_Full	19.88	/	/	18.00	/	/	<=34.77	Pass
		Inner_1RB_Left	20.17	/	/	18.29	/	/	<=34.77	Pass
		Inner_1RB_Right	20.18	/	/	18.30	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	20.09	/	/	18.21	/	/	<=34.77	Pass
		Edge_1RB_Right	20.14	/	/	18.26	/	/	<=34.77	Pass
		Outer_Full	19.79	/	/	17.91	/	/	<=34.77	Pass
		Inner_Full	19.89	/	/	18.01	/	/	<=34.77	Pass
		Inner_1RB_Left	20.23	/	/	18.35	/	/	<=34.77	Pass
		Inner_1RB_Right	20.10	/	/	18.22	/	/	<=34.77	Pass
	711	Edge_1RB_Left	20.00	/	/	18.12	/	/	<=34.77	Pass
		Edge_1RB_Right	20.10	/	/	18.22	/	/	<=34.77	Pass
		Outer_Full	19.88	/	/	18.00	/	/	<=34.77	Pass
		Inner_Full	19.79	/	/	17.91	/	/	<=34.77	Pass
		Inner_1RB_Left	20.06	/	/	18.18	/	/	<=34.77	Pass
		Inner_1RB_Right	20.06	/	/	18.18	/	/	<=34.77	Pass

		Inner 1RB Right	20.13	/	/	18.25	/	/	<=34.77	Pass
CP-OFDM QPSK	704	Edge 1RB Left	21.78	/	/	19.90	/	/	<=34.77	Pass
		Edge 1RB Right	21.69	/	/	19.81	/	/	<=34.77	Pass
		Outer Full	21.40	/	/	19.52	/	/	<=34.77	Pass
		Inner Full	22.70	/	/	20.82	/	/	<=34.77	Pass
		Inner 1RB Left	23.20	/	/	21.32	/	/	<=34.77	Pass
		Inner 1RB Right	23.20	/	/	21.32	/	/	<=34.77	Pass
	707.5	Edge 1RB Left	21.47	/	/	19.59	/	/	<=34.77	Pass
		Edge 1RB Right	21.40	/	/	19.52	/	/	<=34.77	Pass
		Outer Full	21.26	/	/	19.38	/	/	<=34.77	Pass
		Inner Full	22.70	/	/	20.82	/	/	<=34.77	Pass
		Inner 1RB Left	22.77	/	/	20.89	/	/	<=34.77	Pass
		Inner 1RB Right	22.64	/	/	20.76	/	/	<=34.77	Pass
	711	Edge 1RB Left	21.28	/	/	19.40	/	/	<=34.77	Pass
		Edge 1RB Right	21.35	/	/	19.47	/	/	<=34.77	Pass
		Outer Full	21.36	/	/	19.48	/	/	<=34.77	Pass
		Inner Full	22.66	/	/	20.78	/	/	<=34.77	Pass
		Inner 1RB Left	22.56	/	/	20.68	/	/	<=34.77	Pass
		Inner 1RB Right	22.49	/	/	20.61	/	/	<=34.77	Pass
CP-OFDM 16 QAM	704	Edge 1RB Left	21.27	/	/	19.39	/	/	<=34.77	Pass
		Edge 1RB Right	21.35	/	/	19.47	/	/	<=34.77	Pass
		Outer Full	21.33	/	/	19.45	/	/	<=34.77	Pass
		Inner Full	22.29	/	/	20.41	/	/	<=34.77	Pass
		Inner 1RB Left	22.03	/	/	20.15	/	/	<=34.77	Pass
		Inner 1RB Right	22.05	/	/	20.17	/	/	<=34.77	Pass
	707.5	Edge 1RB Left	21.31	/	/	19.43	/	/	<=34.77	Pass
		Edge 1RB Right	21.34	/	/	19.46	/	/	<=34.77	Pass
		Outer Full	21.25	/	/	19.37	/	/	<=34.77	Pass
		Inner Full	22.14	/	/	20.26	/	/	<=34.77	Pass
		Inner 1RB Left	22.17	/	/	20.29	/	/	<=34.77	Pass
		Inner 1RB Right	21.98	/	/	20.10	/	/	<=34.77	Pass
	711	Edge 1RB Left	21.15	/	/	19.27	/	/	<=34.77	Pass
		Edge 1RB Right	21.23	/	/	19.35	/	/	<=34.77	Pass
		Outer Full	21.34	/	/	19.46	/	/	<=34.77	Pass
		Inner Full	22.21	/	/	20.33	/	/	<=34.77	Pass
		Inner 1RB Left	22.04	/	/	20.16	/	/	<=34.77	Pass
		Inner 1RB Right	22.01	/	/	20.13	/	/	<=34.77	Pass
CP-OFDM 64 QAM	704	Edge 1RB Left	20.60	/	/	18.72	/	/	<=34.77	Pass
		Edge 1RB Right	20.55	/	/	18.67	/	/	<=34.77	Pass
		Outer Full	20.83	/	/	18.95	/	/	<=34.77	Pass
		Inner Full	20.93	/	/	19.05	/	/	<=34.77	Pass
		Inner 1RB Left	20.52	/	/	18.64	/	/	<=34.77	Pass
		Inner 1RB Right	20.47	/	/	18.59	/	/	<=34.77	Pass
	707.5	Edge 1RB Left	20.50	/	/	18.62	/	/	<=34.77	Pass
		Edge 1RB Right	20.48	/	/	18.60	/	/	<=34.77	Pass
		Outer Full	20.75	/	/	18.87	/	/	<=34.77	Pass
		Inner Full	20.85	/	/	18.97	/	/	<=34.77	Pass
		Inner 1RB Left	20.57	/	/	18.69	/	/	<=34.77	Pass
		Inner 1RB Right	20.43	/	/	18.55	/	/	<=34.77	Pass
	711	Edge 1RB Left	20.38	/	/	18.50	/	/	<=34.77	Pass
		Edge 1RB Right	20.38	/	/	18.50	/	/	<=34.77	Pass
		Outer Full	20.84	/	/	18.96	/	/	<=34.77	Pass
		Inner Full	20.81	/	/	18.93	/	/	<=34.77	Pass
		Inner 1RB Left	20.36	/	/	18.48	/	/	<=34.77	Pass
		Inner 1RB Right	20.45	/	/	18.57	/	/	<=34.77	Pass

CP-OFDM 256 QAM	704	Edge_1RB_Left	18.07	/	/	16.19	/	/	<=34.77	Pass
		Edge_1RB_Right	18.04	/	/	16.16	/	/	<=34.77	Pass
		Outer_Full	17.83	/	/	15.95	/	/	<=34.77	Pass
		Inner_Full	17.92	/	/	16.04	/	/	<=34.77	Pass
		Inner_1RB_Left	17.97	/	/	16.09	/	/	<=34.77	Pass
		Inner_1RB_Right	18.09	/	/	16.21	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	17.91	/	/	16.03	/	/	<=34.77	Pass
		Edge_1RB_Right	17.92	/	/	16.04	/	/	<=34.77	Pass
		Outer_Full	17.76	/	/	15.88	/	/	<=34.77	Pass
		Inner_Full	17.79	/	/	15.91	/	/	<=34.77	Pass
		Inner_1RB_Left	17.97	/	/	16.09	/	/	<=34.77	Pass
		Inner_1RB_Right	17.86	/	/	15.98	/	/	<=34.77	Pass
	711	Edge_1RB_Left	17.84	/	/	15.96	/	/	<=34.77	Pass
		Edge_1RB_Right	17.93	/	/	16.05	/	/	<=34.77	Pass
		Outer_Full	17.84	/	/	15.96	/	/	<=34.77	Pass
		Inner_Full	17.80	/	/	15.92	/	/	<=34.77	Pass
		Inner_1RB_Left	17.99	/	/	16.11	/	/	<=34.77	Pass
		Inner_1RB_Right	18.00	/	/	16.12	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: 0.27dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

1.1.3 15_S_15M_NTNV_ERP

5G NR n12 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	706.5	Edge_1RB_Left	23.64	/	/	21.76	/	/	<=34.77	Pass
		Edge_1RB_Right	23.58	/	/	21.70	/	/	<=34.77	Pass
		Outer_Full	23.70	/	/	21.82	/	/	<=34.77	Pass
		Inner_Full	24.23	/	/	22.35	/	/	<=34.77	Pass
		Inner_1RB_Left	24.12	/	/	22.24	/	/	<=34.77	Pass
		Inner_1RB_Right	24.04	/	/	22.16	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	23.60	/	/	21.72	/	/	<=34.77	Pass
		Edge_1RB_Right	23.60	/	/	21.72	/	/	<=34.77	Pass
		Outer_Full	23.65	/	/	21.77	/	/	<=34.77	Pass
		Inner_Full	24.23	/	/	22.35	/	/	<=34.77	Pass
		Inner_1RB_Left	24.12	/	/	22.24	/	/	<=34.77	Pass
		Inner_1RB_Right	24.07	/	/	22.19	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	23.65	/	/	21.77	/	/	<=34.77	Pass
		Edge_1RB_Right	23.64	/	/	21.76	/	/	<=34.77	Pass
		Outer_Full	23.73	/	/	21.85	/	/	<=34.77	Pass
		Inner_Full	24.27	/	/	22.39	/	/	<=34.77	Pass
		Inner_1RB_Left	24.10	/	/	22.22	/	/	<=34.77	Pass
		Inner_1RB_Right	24.07	/	/	22.19	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	706.5	Edge_1RB_Left	23.11	/	/	21.23	/	/	<=34.77	Pass
		Edge_1RB_Right	23.01	/	/	21.13	/	/	<=34.77	Pass
		Outer_Full	23.21	/	/	21.33	/	/	<=34.77	Pass
		Inner_Full	24.29	/	/	22.41	/	/	<=34.77	Pass
		Inner_1RB_Left	24.03	/	/	22.15	/	/	<=34.77	Pass
		Inner_1RB_Right	23.99	/	/	22.11	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	23.12	/	/	21.24	/	/	<=34.77	Pass
		Edge_1RB_Right	23.05	/	/	21.17	/	/	<=34.77	Pass
		Outer_Full	23.19	/	/	21.31	/	/	<=34.77	Pass

		Inner Full	24.21	/	/	22.33	/	/	<=34.77	Pass
		Inner 1RB Left	24.13	/	/	22.25	/	/	<=34.77	Pass
		Inner 1RB Right	24.09	/	/	22.21	/	/	<=34.77	Pass
	708.5	Edge 1RB Left	23.19	/	/	21.31	/	/	<=34.77	Pass
		Edge 1RB Right	23.12	/	/	21.24	/	/	<=34.77	Pass
		Outer Full	23.24	/	/	21.36	/	/	<=34.77	Pass
		Inner Full	24.29	/	/	22.41	/	/	<=34.77	Pass
		Inner 1RB Left	24.14	/	/	22.26	/	/	<=34.77	Pass
		Inner 1RB Right	24.09	/	/	22.21	/	/	<=34.77	Pass
		Edge 1RB Left	22.03	/	/	20.15	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	706.5	Edge 1RB Right	21.98	/	/	20.10	/	/	<=34.77	Pass
		Outer Full	22.18	/	/	20.30	/	/	<=34.77	Pass
		Inner Full	23.24	/	/	21.36	/	/	<=34.77	Pass
		Inner 1RB Left	23.04	/	/	21.16	/	/	<=34.77	Pass
		Inner 1RB Right	22.96	/	/	21.08	/	/	<=34.77	Pass
		Edge 1RB Left	22.05	/	/	20.17	/	/	<=34.77	Pass
	707.5	Edge 1RB Right	22.01	/	/	20.13	/	/	<=34.77	Pass
		Outer Full	22.20	/	/	20.32	/	/	<=34.77	Pass
		Inner Full	23.29	/	/	21.41	/	/	<=34.77	Pass
		Inner 1RB Left	23.05	/	/	21.17	/	/	<=34.77	Pass
		Inner 1RB Right	22.99	/	/	21.11	/	/	<=34.77	Pass
		Edge 1RB Left	22.12	/	/	20.24	/	/	<=34.77	Pass
	708.5	Edge 1RB Right	22.11	/	/	20.23	/	/	<=34.77	Pass
		Outer Full	22.25	/	/	20.37	/	/	<=34.77	Pass
		Inner Full	23.29	/	/	21.41	/	/	<=34.77	Pass
		Inner 1RB Left	23.15	/	/	21.27	/	/	<=34.77	Pass
		Inner 1RB Right	23.11	/	/	21.23	/	/	<=34.77	Pass
		Edge 1RB Left	21.45	/	/	19.57	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	706.5	Edge 1RB Right	21.31	/	/	19.43	/	/	<=34.77	Pass
		Outer Full	21.82	/	/	19.94	/	/	<=34.77	Pass
		Inner Full	21.89	/	/	20.01	/	/	<=34.77	Pass
		Inner 1RB Left	21.38	/	/	19.50	/	/	<=34.77	Pass
		Inner 1RB Right	21.24	/	/	19.36	/	/	<=34.77	Pass
		Edge 1RB Left	21.36	/	/	19.48	/	/	<=34.77	Pass
	707.5	Edge 1RB Right	21.14	/	/	19.26	/	/	<=34.77	Pass
		Outer Full	21.84	/	/	19.96	/	/	<=34.77	Pass
		Inner Full	21.88	/	/	20.00	/	/	<=34.77	Pass
		Inner 1RB Left	21.41	/	/	19.53	/	/	<=34.77	Pass
		Inner 1RB Right	21.09	/	/	19.21	/	/	<=34.77	Pass
		Edge 1RB Left	21.89	/	/	20.01	/	/	<=34.77	Pass
	708.5	Edge 1RB Right	21.65	/	/	19.77	/	/	<=34.77	Pass
		Outer Full	21.70	/	/	19.82	/	/	<=34.77	Pass
		Inner Full	21.88	/	/	20.00	/	/	<=34.77	Pass
		Inner 1RB Left	21.84	/	/	19.96	/	/	<=34.77	Pass
		Inner 1RB Right	21.68	/	/	19.80	/	/	<=34.77	Pass
		Edge 1RB Left	20.09	/	/	18.21	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	706.5	Edge 1RB Right	19.99	/	/	18.11	/	/	<=34.77	Pass
		Outer Full	19.84	/	/	17.96	/	/	<=34.77	Pass
		Inner Full	19.83	/	/	17.95	/	/	<=34.77	Pass
		Inner 1RB Left	20.10	/	/	18.22	/	/	<=34.77	Pass
		Inner 1RB Right	19.99	/	/	18.11	/	/	<=34.77	Pass
		Edge 1RB Left	20.03	/	/	18.15	/	/	<=34.77	Pass
	707.5	Edge 1RB Right	20.06	/	/	18.18	/	/	<=34.77	Pass
		Outer Full	19.83	/	/	17.95	/	/	<=34.77	Pass
		Inner Full	19.82	/	/	17.94	/	/	<=34.77	Pass
		Inner Full	19.82	/	/	17.94	/	/	<=34.77	Pass

		Inner_1RB_Left	20.11	/	/	18.23	/	/	<=34.77	Pass
		Inner_1RB_Right	19.95	/	/	18.07	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	19.83	/	/	17.95	/	/	<=34.77	Pass
		Edge_1RB_Right	19.68	/	/	17.80	/	/	<=34.77	Pass
		Outer_Full	19.87	/	/	17.99	/	/	<=34.77	Pass
		Inner_Full	19.87	/	/	17.99	/	/	<=34.77	Pass
		Inner_1RB_Left	19.82	/	/	17.94	/	/	<=34.77	Pass
		Inner_1RB_Right	19.70	/	/	17.82	/	/	<=34.77	Pass
CP-OFDM QPSK	706.5	Edge_1RB_Left	21.31	/	/	19.43	/	/	<=34.77	Pass
		Edge_1RB_Right	21.28	/	/	19.40	/	/	<=34.77	Pass
		Outer_Full	21.28	/	/	19.40	/	/	<=34.77	Pass
		Inner_Full	22.80	/	/	20.92	/	/	<=34.77	Pass
		Inner_1RB_Left	22.51	/	/	20.63	/	/	<=34.77	Pass
		Inner_1RB_Right	22.54	/	/	20.66	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	21.94	/	/	20.06	/	/	<=34.77	Pass
		Edge_1RB_Right	21.80	/	/	19.92	/	/	<=34.77	Pass
		Outer_Full	21.28	/	/	19.40	/	/	<=34.77	Pass
		Inner_Full	22.74	/	/	20.86	/	/	<=34.77	Pass
		Inner_1RB_Left	23.17	/	/	21.29	/	/	<=34.77	Pass
		Inner_1RB_Right	23.07	/	/	21.19	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	21.39	/	/	19.51	/	/	<=34.77	Pass
		Edge_1RB_Right	21.35	/	/	19.47	/	/	<=34.77	Pass
		Outer_Full	21.36	/	/	19.48	/	/	<=34.77	Pass
		Inner_Full	22.73	/	/	20.85	/	/	<=34.77	Pass
		Inner_1RB_Left	22.45	/	/	20.57	/	/	<=34.77	Pass
		Inner_1RB_Right	22.32	/	/	20.44	/	/	<=34.77	Pass
CP-OFDM 16 QAM	706.5	Edge_1RB_Left	21.22	/	/	19.34	/	/	<=34.77	Pass
		Edge_1RB_Right	21.20	/	/	19.32	/	/	<=34.77	Pass
		Outer_Full	21.32	/	/	19.44	/	/	<=34.77	Pass
		Inner_Full	22.26	/	/	20.38	/	/	<=34.77	Pass
		Inner_1RB_Left	22.05	/	/	20.17	/	/	<=34.77	Pass
		Inner_1RB_Right	22.00	/	/	20.12	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	21.18	/	/	19.30	/	/	<=34.77	Pass
		Edge_1RB_Right	21.15	/	/	19.27	/	/	<=34.77	Pass
		Outer_Full	21.34	/	/	19.46	/	/	<=34.77	Pass
		Inner_Full	22.27	/	/	20.39	/	/	<=34.77	Pass
		Inner_1RB_Left	22.02	/	/	20.14	/	/	<=34.77	Pass
		Inner_1RB_Right	22.02	/	/	20.14	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	21.21	/	/	19.33	/	/	<=34.77	Pass
		Edge_1RB_Right	21.14	/	/	19.26	/	/	<=34.77	Pass
		Outer_Full	21.33	/	/	19.45	/	/	<=34.77	Pass
		Inner_Full	22.19	/	/	20.31	/	/	<=34.77	Pass
		Inner_1RB_Left	21.92	/	/	20.04	/	/	<=34.77	Pass
		Inner_1RB_Right	21.90	/	/	20.02	/	/	<=34.77	Pass
CP-OFDM 64 QAM	706.5	Edge_1RB_Left	20.53	/	/	18.65	/	/	<=34.77	Pass
		Edge_1RB_Right	20.32	/	/	18.44	/	/	<=34.77	Pass
		Outer_Full	20.78	/	/	18.90	/	/	<=34.77	Pass
		Inner_Full	20.90	/	/	19.02	/	/	<=34.77	Pass
		Inner_1RB_Left	20.54	/	/	18.66	/	/	<=34.77	Pass
		Inner_1RB_Right	20.77	/	/	18.89	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	20.43	/	/	18.55	/	/	<=34.77	Pass
		Edge_1RB_Right	20.34	/	/	18.46	/	/	<=34.77	Pass
		Outer_Full	20.81	/	/	18.93	/	/	<=34.77	Pass
		Inner_Full	20.84	/	/	18.96	/	/	<=34.77	Pass
		Inner_1RB_Left	20.42	/	/	18.54	/	/	<=34.77	Pass

		Inner_1RB_Right	20.36	/	/	18.48	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	20.82	/	/	18.94	/	/	<=34.77	Pass
		Edge_1RB_Right	20.80	/	/	18.92	/	/	<=34.77	Pass
		Outer_Full	20.93	/	/	19.05	/	/	<=34.77	Pass
		Inner_Full	20.89	/	/	19.01	/	/	<=34.77	Pass
		Inner_1RB_Left	20.82	/	/	18.94	/	/	<=34.77	Pass
		Inner_1RB_Right	20.77	/	/	18.89	/	/	<=34.77	Pass
CP-OFDM 256 QAM	706.5	Edge_1RB_Left	17.78	/	/	15.90	/	/	<=34.77	Pass
		Edge_1RB_Right	17.60	/	/	15.72	/	/	<=34.77	Pass
		Outer_Full	17.77	/	/	15.89	/	/	<=34.77	Pass
		Inner_Full	17.86	/	/	15.98	/	/	<=34.77	Pass
		Inner_1RB_Left	17.74	/	/	15.86	/	/	<=34.77	Pass
		Inner_1RB_Right	17.61	/	/	15.73	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	17.86	/	/	15.98	/	/	<=34.77	Pass
		Edge_1RB_Right	17.87	/	/	15.99	/	/	<=34.77	Pass
		Outer_Full	17.80	/	/	15.92	/	/	<=34.77	Pass
		Inner_Full	17.81	/	/	15.93	/	/	<=34.77	Pass
		Inner_1RB_Left	17.93	/	/	16.05	/	/	<=34.77	Pass
		Inner_1RB_Right	17.92	/	/	16.04	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	17.61	/	/	15.73	/	/	<=34.77	Pass
		Edge_1RB_Right	17.65	/	/	15.77	/	/	<=34.77	Pass
		Outer_Full	17.79	/	/	15.91	/	/	<=34.77	Pass
		Inner_Full	17.80	/	/	15.92	/	/	<=34.77	Pass
		Inner_1RB_Left	17.69	/	/	15.81	/	/	<=34.77	Pass
		Inner_1RB_Right	17.70	/	/	15.82	/	/	<=34.77	Pass
Note1: Antenna Gain: Ant1: 0.27dBi; Note2: ERP=Conducted Power+Antenna Gain-2.15										

- End of the Appendix -