

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_EIRP

5G NR n30 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2307.5	Outer_Full	22.62	/	/	16.92	/	/	<=23.98	Pass
		Inner_Full	23.26	/	/	17.56	/	/	<=23.98	Pass
		Inner_1RB_Left	23.14	/	/	17.44	/	/	<=23.98	Pass
		Inner_1RB_Right	23.08	/	/	17.38	/	/	<=23.98	Pass
	2310	Outer_Full	22.64	/	/	16.94	/	/	<=23.98	Pass
		Inner_Full	23.24	/	/	17.54	/	/	<=23.98	Pass
		Inner_1RB_Left	23.18	/	/	17.48	/	/	<=23.98	Pass
		Inner_1RB_Right	23.16	/	/	17.46	/	/	<=23.98	Pass
	2312.5	Outer_Full	22.74	/	/	17.04	/	/	<=23.98	Pass
		Inner_Full	23.16	/	/	17.46	/	/	<=23.98	Pass
		Inner_1RB_Left	23.28	/	/	17.58	/	/	<=23.98	Pass
		Inner_1RB_Right	23.14	/	/	17.44	/	/	<=23.98	Pass
DFT-s-OFDM QPSK	2307.5	Outer_Full	22.11	/	/	16.41	/	/	<=23.98	Pass
		Inner_Full	23.24	/	/	17.54	/	/	<=23.98	Pass
		Inner_1RB_Left	23.15	/	/	17.45	/	/	<=23.98	Pass
		Inner_1RB_Right	23.17	/	/	17.47	/	/	<=23.98	Pass
	2310	Outer_Full	22.12	/	/	16.42	/	/	<=23.98	Pass
		Inner_Full	23.24	/	/	17.54	/	/	<=23.98	Pass
		Inner_1RB_Left	23.16	/	/	17.46	/	/	<=23.98	Pass
		Inner_1RB_Right	23.17	/	/	17.47	/	/	<=23.98	Pass
	2312.5	Outer_Full	22.20	/	/	16.50	/	/	<=23.98	Pass
		Inner_Full	23.29	/	/	17.59	/	/	<=23.98	Pass
		Inner_1RB_Left	23.23	/	/	17.53	/	/	<=23.98	Pass
		Inner_1RB_Right	23.23	/	/	17.53	/	/	<=23.98	Pass
DFT-s-OFDM 16 QAM	2307.5	Outer_Full	21.24	/	/	15.54	/	/	<=23.98	Pass
		Inner_Full	22.25	/	/	16.55	/	/	<=23.98	Pass
		Inner_1RB_Left	22.11	/	/	16.41	/	/	<=23.98	Pass
		Inner_1RB_Right	22.14	/	/	16.44	/	/	<=23.98	Pass
	2310	Outer_Full	21.22	/	/	15.52	/	/	<=23.98	Pass
		Inner_Full	22.17	/	/	16.47	/	/	<=23.98	Pass
		Inner_1RB_Left	22.15	/	/	16.45	/	/	<=23.98	Pass
		Inner_1RB_Right	22.05	/	/	16.35	/	/	<=23.98	Pass
	2312.5	Outer_Full	21.34	/	/	15.64	/	/	<=23.98	Pass
		Inner_Full	22.31	/	/	16.61	/	/	<=23.98	Pass
		Inner_1RB_Left	22.20	/	/	16.50	/	/	<=23.98	Pass
		Inner_1RB_Right	22.12	/	/	16.42	/	/	<=23.98	Pass
DFT-s-OFDM 64 QAM	2307.5	Outer_Full	20.66	/	/	14.96	/	/	<=23.98	Pass
		Inner_Full	20.75	/	/	15.05	/	/	<=23.98	Pass
		Inner_1RB_Left	20.88	/	/	15.18	/	/	<=23.98	Pass
		Inner_1RB_Right	20.80	/	/	15.10	/	/	<=23.98	Pass
	2310	Outer_Full	20.71	/	/	15.01	/	/	<=23.98	Pass
		Inner_Full	20.75	/	/	15.05	/	/	<=23.98	Pass
		Inner_1RB_Left	20.86	/	/	15.16	/	/	<=23.98	Pass
		Inner_1RB_Right	20.86	/	/	15.16	/	/	<=23.98	Pass
	2312.5	Outer_Full	20.78	/	/	15.08	/	/	<=23.98	Pass
		Inner_Full	20.78	/	/	15.08	/	/	<=23.98	Pass
		Inner_1RB_Left	20.94	/	/	15.24	/	/	<=23.98	Pass
		Inner_1RB_Right	20.93	/	/	15.23	/	/	<=23.98	Pass

DFT-s-OFDM 256 QAM	2307.5	Outer Full	18.49	/	/	12.79	/	/	<=23.98	Pass
		Inner Full	18.52	/	/	12.82	/	/	<=23.98	Pass
		Inner 1RB Left	18.03	/	/	12.33	/	/	<=23.98	Pass
		Inner 1RB Right	18.05	/	/	12.35	/	/	<=23.98	Pass
	2310	Outer Full	18.49	/	/	12.79	/	/	<=23.98	Pass
		Inner Full	18.52	/	/	12.82	/	/	<=23.98	Pass
		Inner 1RB Left	18.05	/	/	12.35	/	/	<=23.98	Pass
		Inner 1RB Right	18.00	/	/	12.30	/	/	<=23.98	Pass
	2312.5	Outer Full	18.55	/	/	12.85	/	/	<=23.98	Pass
		Inner Full	18.59	/	/	12.89	/	/	<=23.98	Pass
		Inner 1RB Left	18.10	/	/	12.40	/	/	<=23.98	Pass
		Inner 1RB Right	18.08	/	/	12.38	/	/	<=23.98	Pass
CP-OFDM QPSK	2307.5	Outer Full	20.28	/	/	14.58	/	/	<=23.98	Pass
		Inner Full	21.80	/	/	16.10	/	/	<=23.98	Pass
		Inner 1RB Left	21.77	/	/	16.07	/	/	<=23.98	Pass
		Inner 1RB Right	21.87	/	/	16.17	/	/	<=23.98	Pass
	2310	Outer Full	20.31	/	/	14.61	/	/	<=23.98	Pass
		Inner Full	21.80	/	/	16.10	/	/	<=23.98	Pass
		Inner 1RB Left	21.86	/	/	16.16	/	/	<=23.98	Pass
		Inner 1RB Right	21.85	/	/	16.15	/	/	<=23.98	Pass
	2312.5	Outer Full	20.34	/	/	14.64	/	/	<=23.98	Pass
		Inner Full	21.80	/	/	16.10	/	/	<=23.98	Pass
		Inner 1RB Left	21.98	/	/	16.28	/	/	<=23.98	Pass
		Inner 1RB Right	21.76	/	/	16.06	/	/	<=23.98	Pass
CP-OFDM 16 QAM	2307.5	Outer Full	20.30	/	/	14.60	/	/	<=23.98	Pass
		Inner Full	21.01	/	/	15.31	/	/	<=23.98	Pass
		Inner 1RB Left	21.28	/	/	15.58	/	/	<=23.98	Pass
		Inner 1RB Right	21.23	/	/	15.53	/	/	<=23.98	Pass
	2310	Outer Full	20.34	/	/	14.64	/	/	<=23.98	Pass
		Inner Full	21.05	/	/	15.35	/	/	<=23.98	Pass
		Inner 1RB Left	21.26	/	/	15.56	/	/	<=23.98	Pass
		Inner 1RB Right	21.30	/	/	15.60	/	/	<=23.98	Pass
	2312.5	Outer Full	20.32	/	/	14.62	/	/	<=23.98	Pass
		Inner Full	21.03	/	/	15.33	/	/	<=23.98	Pass
		Inner 1RB Left	21.23	/	/	15.53	/	/	<=23.98	Pass
		Inner 1RB Right	21.31	/	/	15.61	/	/	<=23.98	Pass
CP-OFDM 64 QAM	2307.5	Outer Full	19.68	/	/	13.98	/	/	<=23.98	Pass
		Inner Full	19.66	/	/	13.96	/	/	<=23.98	Pass
		Inner 1RB Left	19.71	/	/	14.01	/	/	<=23.98	Pass
		Inner 1RB Right	19.71	/	/	14.01	/	/	<=23.98	Pass
	2310	Outer Full	19.63	/	/	13.93	/	/	<=23.98	Pass
		Inner Full	19.69	/	/	13.99	/	/	<=23.98	Pass
		Inner 1RB Left	19.81	/	/	14.11	/	/	<=23.98	Pass
		Inner 1RB Right	19.70	/	/	14.00	/	/	<=23.98	Pass
	2312.5	Outer Full	19.63	/	/	13.93	/	/	<=23.98	Pass
		Inner Full	19.79	/	/	14.09	/	/	<=23.98	Pass
		Inner 1RB Left	19.83	/	/	14.13	/	/	<=23.98	Pass
		Inner 1RB Right	19.82	/	/	14.12	/	/	<=23.98	Pass
CP-OFDM 256 QAM	2307.5	Outer Full	16.50	/	/	10.80	/	/	<=23.98	Pass
		Inner Full	16.61	/	/	10.91	/	/	<=23.98	Pass
		Inner 1RB Left	16.14	/	/	10.44	/	/	<=23.98	Pass
		Inner 1RB Right	16.06	/	/	10.36	/	/	<=23.98	Pass
	2310	Outer Full	16.55	/	/	10.85	/	/	<=23.98	Pass
		Inner Full	16.54	/	/	10.84	/	/	<=23.98	Pass
		Inner 1RB Left	16.12	/	/	10.42	/	/	<=23.98	Pass
		Inner 1RB Right	16.15	/	/	10.45	/	/	<=23.98	Pass
	2312.5	Outer Full	16.60	/	/	10.90	/	/	<=23.98	Pass
		Inner Full	16.63	/	/	10.93	/	/	<=23.98	Pass

		Inner_1RB_Left	16.17	/	/	10.47	/	/	<=23.98	Pass
		Inner_1RB_Right	16.03	/	/	10.33	/	/	<=23.98	Pass
Note1: Antenna Gain: Ant1: -5.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15_S_10M_NTNV_EIRP

5G NR n30 SCS=15kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2310	Outer_Full	22.66	/	/	16.96	/	/	<=23.98	Pass
		Inner_Full	23.25	/	/	17.55	/	/	<=23.98	Pass
		Inner_1RB_Left	23.24	/	/	17.54	/	/	<=23.98	Pass
		Inner_1RB_Right	23.23	/	/	17.53	/	/	<=23.98	Pass
DFT-s-OFDM QPSK	2310	Outer_Full	22.19	/	/	16.49	/	/	<=23.98	Pass
		Inner_Full	23.26	/	/	17.56	/	/	<=23.98	Pass
		Inner_1RB_Left	23.25	/	/	17.55	/	/	<=23.98	Pass
		Inner_1RB_Right	23.32	/	/	17.62	/	/	<=23.98	Pass
DFT-s-OFDM 16 QAM	2310	Outer_Full	21.19	/	/	15.49	/	/	<=23.98	Pass
		Inner_Full	22.22	/	/	16.52	/	/	<=23.98	Pass
		Inner_1RB_Left	22.12	/	/	16.42	/	/	<=23.98	Pass
		Inner_1RB_Right	22.11	/	/	16.41	/	/	<=23.98	Pass
DFT-s-OFDM 64 QAM	2310	Outer_Full	20.76	/	/	15.06	/	/	<=23.98	Pass
		Inner_Full	20.69	/	/	14.99	/	/	<=23.98	Pass
		Inner_1RB_Left	20.88	/	/	15.18	/	/	<=23.98	Pass
		Inner_1RB_Right	20.87	/	/	15.17	/	/	<=23.98	Pass
DFT-s-OFDM 256 QAM	2310	Outer_Full	18.61	/	/	12.91	/	/	<=23.98	Pass
		Inner_Full	18.61	/	/	12.91	/	/	<=23.98	Pass
		Inner_1RB_Left	18.04	/	/	12.34	/	/	<=23.98	Pass
		Inner_1RB_Right	17.94	/	/	12.24	/	/	<=23.98	Pass
CP-OFDM QPSK	2310	Outer_Full	20.20	/	/	14.50	/	/	<=23.98	Pass
		Inner_Full	21.72	/	/	16.02	/	/	<=23.98	Pass
		Inner_1RB_Left	21.85	/	/	16.15	/	/	<=23.98	Pass
		Inner_1RB_Right	21.92	/	/	16.22	/	/	<=23.98	Pass
CP-OFDM 16 QAM	2310	Outer_Full	20.27	/	/	14.57	/	/	<=23.98	Pass
		Inner_Full	21.20	/	/	15.50	/	/	<=23.98	Pass
		Inner_1RB_Left	21.26	/	/	15.56	/	/	<=23.98	Pass
		Inner_1RB_Right	21.32	/	/	15.62	/	/	<=23.98	Pass
CP-OFDM 64 QAM	2310	Outer_Full	19.64	/	/	13.94	/	/	<=23.98	Pass
		Inner_Full	19.75	/	/	14.05	/	/	<=23.98	Pass
		Inner_1RB_Left	19.72	/	/	14.02	/	/	<=23.98	Pass
		Inner_1RB_Right	19.77	/	/	14.07	/	/	<=23.98	Pass
CP-OFDM 256 QAM	2310	Outer_Full	16.52	/	/	10.82	/	/	<=23.98	Pass
		Inner_Full	16.58	/	/	10.88	/	/	<=23.98	Pass
		Inner_1RB_Left	16.07	/	/	10.37	/	/	<=23.98	Pass
		Inner_1RB_Right	16.15	/	/	10.45	/	/	<=23.98	Pass
Note1: Antenna Gain: Ant1: -5.70dBi; Note2: EIRP=Conducted Power+Antenna Gain										

Remark: Total channel power is complied with EIRP limit 23.98dBm/5MHz.

---End of Attachment---