1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_EIRP

5G NR n70 SCS=15kHz SISO 5MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1697.5	Outer_Full	23.63	/	/	24.93	/	/	<=30	Pass
		Inner_Full	24.30	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Left	24.20	/	/	25.50	/	/	<=30	Pass
		Inner_1RB_Right	24.22	/	/	25.52	/	/	<=30	Pass
	1702.5	Outer_Full	23.70	/	/	25.00	/	/	<=30	Pass
		Inner_Full	24.38	/	/	25.68	/	/	<=30	Pass
		Inner_1RB_Left	24.27	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Right	24.32	/	/	25.62	/	/	<=30	Pass
	1707.5	Outer_Full	23.72	/	/	25.02	/	/	<=30	Pass
		Inner_Full	24.29	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Left	24.17	/	/	25.47	/	/	<=30	Pass
		Inner_1RB_Right	24.18	/	/	25.48	/	/	<=30	Pass
DFT-s-OFDM QPSK	1697.5	Outer_Full	23.18	/	/	24.48	/	/	<=30	Pass
		Inner_Full	24.23	/	/	25.53	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Right	24.20	/	/	25.50	/	/	<=30	Pass
	1702.5	Outer_Full	23.23	/	/	24.53	/	/	<=30	Pass
		Inner_Full	24.29	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Right	24.30	/	/	25.60	/	/	<=30	Pass
	1707.5	Outer_Full	23.27	/	/	24.57	/	/	<=30	Pass
		Inner_Full	24.32	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Right	24.20	/	/	25.50	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1697.5	Outer_Full	22.20	/	/	23.50	/	/	<=30	Pass
		Inner_Full	23.24	/	/	24.54	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	24.50	/	/	<=30	Pass
		Inner_1RB_Right	23.23	/	/	24.53	/	/	<=30	Pass
	1702.5	Outer_Full	22.20	/	/	23.50	/	/	<=30	Pass
		Inner_Full	23.27	/	/	24.57	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	23.15	/	/	24.45	/	/	<=30	Pass
	1707.5	Outer_Full	22.25	/	/	23.55	/	/	<=30	Pass
		Inner_Full	23.30	/	/	24.60	/	/	<=30	Pass
		Inner_1RB_Left	23.16	/	/	24.46	/	/	<=30	Pass
		Inner_1RB_Right	23.20	/	/	24.50	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1697.5	Outer_Full	21.73	/	/	23.03	/	/	<=30	Pass
		Inner_Full	21.79	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	21.78	/	/	23.08	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	23.17	/	/	<=30	Pass
	1702.5	Outer_Full	21.66	/	/	22.96	/	/	<=30	Pass
		Inner_Full	21.74	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Left	21.82	/	/	23.12	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	23.17	/	/	<=30	Pass
	1707.5	Outer_Full	21.70	/	/	23.00	/	/	<=30	Pass
		Inner_Full	21.79	/	/	23.09	/	/	<=30	Pass
		Inner_1RB_Left	21.83	/	/	23.13	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	23.17	/	/	<=30	Pass
DFT-s-OFDM 256	1697.5	Outer_Full	19.67	/	/	20.97	/	/	<=30	Pass

QAM		Inner_Full	19.64	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Left	19.13	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Right	19.15	/	/	20.45	/	/	<=30	Pass
	1702.5	Outer_Full	19.64	/	/	20.94	/	/	<=30	Pass
		Inner_Full	19.70	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Left	19.05	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Right	19.17	/	/	20.47	/	/	<=30	Pass
	1707.5	Outer_Full	19.62	/	/	20.92	/	/	<=30	Pass
		Inner_Full	19.70	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Left	19.14	/	/	20.44	/	/	<=30	Pass
		Inner_1RB_Right	19.16	/	/	20.46	/	/	<=30	Pass
CP-OFDM QPSK	1697.5	Outer_Full	21.32	/	/	22.62	/	/	<=30	Pass
		Inner_Full	22.81	/	/	24.11	/	/	<=30	Pass
		Inner_1RB_Left	22.84	/	/	24.14	/	/	<=30	Pass
		Inner_1RB_Right	22.87	/	/	24.17	/	/	<=30	Pass
	1702.5	Outer_Full	21.26	/	/	22.56	/	/	<=30	Pass
		Inner_Full	22.77	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Left	22.88	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Right	22.90	/	/	24.20	/	/	<=30	Pass
	1707.5	Outer_Full	21.32	/	/	22.62	/	/	<=30	Pass
		Inner_Full	22.80	/	/	24.10	/	/	<=30	Pass
		Inner_1RB_Left	22.88	/	/	24.18	/	/	<=30	Pass
		Inner_1RB_Right	22.96	/	/	24.26	/	/	<=30	Pass
CP-OFDM 16 QAM	1697.5	Outer_Full	21.32	/	/	22.62	/	/	<=30	Pass
		Inner_Full	22.06	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Left	22.27	/	/	23.57	/	/	<=30	Pass
		Inner_1RB_Right	22.25	/	/	23.55	/	/	<=30	Pass
	1702.5	Outer_Full	21.36	/	/	22.66	/	/	<=30	Pass
		Inner_Full	22.06	/	/	23.36	/	/	<=30	Pass
		Inner_1RB_Left	22.17	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	22.34	/	/	23.64	/	/	<=30	Pass
	1707.5	Outer_Full	21.32	/	/	22.62	/	/	<=30	Pass
		Inner_Full	22.11	/	/	23.41	/	/	<=30	Pass
		Inner_1RB_Left	22.33	/	/	23.63	/	/	<=30	Pass
		Inner_1RB_Right	22.32	/	/	23.62	/	/	<=30	Pass
CP-OFDM 64 QAM	1697.5	Outer_Full	20.73	/	/	22.03	/	/	<=30	Pass
		Inner_Full	20.74	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	20.81	/	/	22.11	/	/	<=30	Pass
		Inner_1RB_Right	20.84	/	/	22.14	/	/	<=30	Pass
	1702.5	Outer_Full	20.67	/	/	21.97	/	/	<=30	Pass
		Inner_Full	20.77	/	/	22.07	/	/	<=30	Pass
		Inner_1RB_Left	20.71	/	/	22.01	/	/	<=30	Pass
		Inner_1RB_Right	20.79	/	/	22.09	/	/	<=30	Pass
	1707.5	Outer_Full	20.73	/	/	22.03	/	/	<=30	Pass
		Inner_Full	20.82	/	/	22.12	/	/	<=30	Pass
		Inner_1RB_Left	20.78	/	/	22.08	/	/	<=30	Pass
		Inner_1RB_Right	20.85	/	/	22.15	/	/	<=30	Pass
CP-OFDM 256 QAM	1697.5	Outer_Full	17.70	/	/	19.00	/	/	<=30	Pass
		Inner_Full	17.67	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Left	17.18	/	/	18.48	/	/	<=30	Pass
		Inner_1RB_Right	17.29	/	/	18.59	/	/	<=30	Pass
	1702.5	Outer_Full	17.71	/	/	19.01	/	/	<=30	Pass
		Inner_Full	17.74	/	/	19.04	/	/	<=30	Pass
		Inner_1RB_Left	17.17	/	/	18.47	/	/	<=30	Pass
		Inner_1RB_Right	17.25	/	/	18.55	/	/	<=30	Pass
	1707.5	Outer_Full	17.70	/	/	19.00	/	/	<=30	Pass
		Inner_Full	17.79	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Left	17.23	/	/	18.53	/	/	<=30	Pass
		Inner_1RB_Right	17.27	/	/	18.57	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: 1.30dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.2 15_S_10M_NTNV_EIRP

5G NR n70 SCS=15kHz SISO 10MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1700	Outer_Full	23.63	/	/	24.93	/	/	<=30	Pass
		Inner_Full	24.33	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Left	24.33	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	25.64	/	/	<=30	Pass
	1702.5	Outer_Full	23.65	/	/	24.95	/	/	<=30	Pass
		Inner_Full	24.32	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Left	24.25	/	/	25.55	/	/	<=30	Pass
		Inner_1RB_Right	24.39	/	/	25.69	/	/	<=30	Pass
	1705	Outer_Full	23.67	/	/	24.97	/	/	<=30	Pass
		Inner_Full	24.27	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Left	24.25	/	/	25.55	/	/	<=30	Pass
		Inner_1RB_Right	24.34	/	/	25.64	/	/	<=30	Pass
DFT-s-OFDM QPSK	1700	Outer_Full	23.18	/	/	24.48	/	/	<=30	Pass
		Inner_Full	24.27	/	/	25.57	/	/	<=30	Pass
		Inner_1RB_Left	24.32	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Right	24.42	/	/	25.72	/	/	<=30	Pass
	1702.5	Outer_Full	23.23	/	/	24.53	/	/	<=30	Pass
		Inner_Full	24.30	/	/	25.60	/	/	<=30	Pass
		Inner_1RB_Left	24.32	/	/	25.62	/	/	<=30	Pass
		Inner_1RB_Right	24.36	/	/	25.66	/	/	<=30	Pass
	1705	Outer_Full	23.15	/	/	24.45	/	/	<=30	Pass
		Inner_Full	24.29	/	/	25.59	/	/	<=30	Pass
		Inner_1RB_Left	24.33	/	/	25.63	/	/	<=30	Pass
		Inner_1RB_Right	24.41	/	/	25.71	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1700	Outer_Full	22.21	/	/	23.51	/	/	<=30	Pass
		Inner_Full	23.22	/	/	24.52	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	24.39	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.49	/	/	<=30	Pass
	1702.5	Outer_Full	22.23	/	/	23.53	/	/	<=30	Pass
		Inner_Full	23.25	/	/	24.55	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	23.22	/	/	24.52	/	/	<=30	Pass
	1705	Outer_Full	22.25	/	/	23.55	/	/	<=30	Pass
		Inner_Full	23.26	/	/	24.56	/	/	<=30	Pass
		Inner_1RB_Left	23.11	/	/	24.41	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.49	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1700	Outer_Full	21.76	/	/	23.06	/	/	<=30	Pass
		Inner_Full	21.75	/	/	23.05	/	/	<=30	Pass
		Inner_1RB_Left	21.80	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	21.92	/	/	23.22	/	/	<=30	Pass
	1702.5	Outer_Full	21.76	/	/	23.06	/	/	<=30	Pass
		Inner_Full	21.67	/	/	22.97	/	/	<=30	Pass
		Inner_1RB_Left	21.80	/	/	23.10	/	/	<=30	Pass
		Inner_1RB_Right	21.87	/	/	23.17	/	/	<=30	Pass
	1705	Outer_Full	21.80	/	/	23.10	/	/	<=30	Pass
		Inner_Full	21.70	/	/	23.00	/	/	<=30	Pass
		Inner_1RB_Left	21.81	/	/	23.11	/	/	<=30	Pass
		Inner_1RB_Right	21.94	/	/	23.24	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1700	Outer_Full	19.62	/	/	20.92	/	/	<=30	Pass
		Inner_Full	19.65	/	/	20.95	/	/	<=30	Pass

		Inner_1RB_Left	19.06	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Right	19.18	/	/	20.48	/	/	<=30	Pass
	1702.5	Outer_Full	19.64	/	/	20.94	/	/	<=30	Pass
		Inner_Full	19.67	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Left	19.07	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Right	19.15	/	/	20.45	/	/	<=30	Pass
	1705	Outer_Full	19.68	/	/	20.98	/	/	<=30	Pass
		Inner_Full	19.64	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Left	19.15	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Right	19.19	/	/	20.49	/	/	<=30	Pass
CP-OFDM QPSK	1700	Outer_Full	21.28	/	/	22.58	/	/	<=30	Pass
		Inner_Full	22.77	/	/	24.07	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	24.25	/	/	<=30	Pass
	1702.5	Outer_Full	21.29	/	/	22.59	/	/	<=30	Pass
		Inner_Full	22.70	/	/	24.00	/	/	<=30	Pass
		Inner_1RB_Left	22.82	/	/	24.12	/	/	<=30	Pass
		Inner_1RB_Right	23.01	/	/	24.31	/	/	<=30	Pass
	1705	Outer_Full	21.24	/	/	22.54	/	/	<=30	Pass
		Inner_Full	22.72	/	/	24.02	/	/	<=30	Pass
		Inner_1RB_Left	22.83	/	/	24.13	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	24.25	/	/	<=30	Pass
CP-OFDM 16 QAM	1700	Outer_Full	21.25	/	/	22.55	/	/	<=30	Pass
		Inner_Full	22.15	/	/	23.45	/	/	<=30	Pass
		Inner_1RB_Left	22.17	/	/	23.47	/	/	<=30	Pass
		Inner_1RB_Right	22.40	/	/	23.70	/	/	<=30	Pass
	1702.5	Outer_Full	21.26	/	/	22.56	/	/	<=30	Pass
		Inner_Full	22.19	/	/	23.49	/	/	<=30	Pass
		Inner_1RB_Left	22.18	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Right	22.39	/	/	23.69	/	/	<=30	Pass
	1705	Outer_Full	21.29	/	/	22.59	/	/	<=30	Pass
		Inner_Full	22.22	/	/	23.52	/	/	<=30	Pass
		Inner_1RB_Left	22.10	/	/	23.40	/	/	<=30	Pass
		Inner_1RB_Right	22.42	/	/	23.72	/	/	<=30	Pass
CP-OFDM 64 QAM	1700	Outer_Full	20.74	/	/	22.04	/	/	<=30	Pass
		Inner_Full	20.70	/	/	22.00	/	/	<=30	Pass
		Inner_1RB_Left	20.75	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Right	20.91	/	/	22.21	/	/	<=30	Pass
	1702.5	Outer_Full	20.66	/	/	21.96	/	/	<=30	Pass
		Inner_Full	20.74	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	20.86	/	/	22.16	/	/	<=30	Pass
	1705	Outer_Full	20.70	/	/	22.00	/	/	<=30	Pass
		Inner_Full	20.76	/	/	22.06	/	/	<=30	Pass
		Inner_1RB_Left	20.75	/	/	22.05	/	/	<=30	Pass
		Inner_1RB_Right	20.90	/	/	22.20	/	/	<=30	Pass
CP-OFDM 256 QAM	1700	Outer_Full	17.72	/	/	19.02	/	/	<=30	Pass
		Inner_Full	17.64	/	/	18.94	/	/	<=30	Pass
		Inner_1RB_Left	17.19	/	/	18.49	/	/	<=30	Pass
		Inner_1RB_Right	17.36	/	/	18.66	/	/	<=30	Pass
	1702.5	Outer_Full	17.66	/	/	18.96	/	/	<=30	Pass
		Inner_Full	17.67	/	/	18.97	/	/	<=30	Pass
		Inner_1RB_Left	17.19	/	/	18.49	/	/	<=30	Pass
		Inner_1RB_Right	17.33	/	/	18.63	/	/	<=30	Pass
	1705	Outer_Full	17.68	/	/	18.98	/	/	<=30	Pass
		Inner_Full	17.70	/	/	19.00	/	/	<=30	Pass
		Inner_1RB_Left	17.19	/	/	18.49	/	/	<=30	Pass
		Inner_1RB_Right	17.35	/	/	18.65	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.30dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.3 15_S_15M_NTNV_EIRP

5G NR n70 SCS=15kHz SISO 15MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	1702.5	Outer_Full	23.68	/	/	24.98	/	/	<=30	Pass
		Inner_Full	24.35	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	25.54	/	/	<=30	Pass
		Inner_1RB_Right	24.39	/	/	25.69	/	/	<=30	Pass
DFT-s-OFDM QPSK	1702.5	Outer_Full	23.14	/	/	24.44	/	/	<=30	Pass
		Inner_Full	24.35	/	/	25.65	/	/	<=30	Pass
		Inner_1RB_Left	24.19	/	/	25.49	/	/	<=30	Pass
		Inner_1RB_Right	24.33	/	/	25.63	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	1702.5	Outer_Full	22.22	/	/	23.52	/	/	<=30	Pass
		Inner_Full	23.10	/	/	24.40	/	/	<=30	Pass
		Inner_1RB_Left	23.03	/	/	24.33	/	/	<=30	Pass
		Inner_1RB_Right	23.19	/	/	24.49	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	1702.5	Outer_Full	21.72	/	/	23.02	/	/	<=30	Pass
		Inner_Full	21.68	/	/	22.98	/	/	<=30	Pass
		Inner_1RB_Left	21.74	/	/	23.04	/	/	<=30	Pass
		Inner_1RB_Right	21.94	/	/	23.24	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	1702.5	Outer_Full	19.59	/	/	20.89	/	/	<=30	Pass
		Inner_Full	19.58	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Left	19.12	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Right	19.24	/	/	20.54	/	/	<=30	Pass
CP-OFDM QPSK	1702.5	Outer_Full	21.24	/	/	22.54	/	/	<=30	Pass
		Inner_Full	22.78	/	/	24.08	/	/	<=30	Pass
		Inner_1RB_Left	22.86	/	/	24.16	/	/	<=30	Pass
		Inner_1RB_Right	23.01	/	/	24.31	/	/	<=30	Pass
CP-OFDM 16 QAM	1702.5	Outer_Full	21.22	/	/	22.52	/	/	<=30	Pass
		Inner_Full	22.39	/	/	23.69	/	/	<=30	Pass
		Inner_1RB_Left	22.18	/	/	23.48	/	/	<=30	Pass
		Inner_1RB_Right	22.44	/	/	23.74	/	/	<=30	Pass
CP-OFDM 64 QAM	1702.5	Outer_Full	20.67	/	/	21.97	/	/	<=30	Pass
		Inner_Full	20.60	/	/	21.90	/	/	<=30	Pass
		Inner_1RB_Left	20.74	/	/	22.04	/	/	<=30	Pass
		Inner_1RB_Right	20.84	/	/	22.14	/	/	<=30	Pass
CP-OFDM 256 QAM	1702.5	Outer_Full	17.62	/	/	18.92	/	/	<=30	Pass
		Inner_Full	17.62	/	/	18.92	/	/	<=30	Pass
		Inner_1RB_Left	17.25	/	/	18.55	/	/	<=30	Pass
		Inner_1RB_Right	17.37	/	/	18.67	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: 1.30dBi; Note2: EIRP=Conducted Power+Antenna Gain										