

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_EIRP

5G NR n25 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	1852.5	Outer_Full	22.87	/	/	24.87	/	/	<=33	Pass
		Inner_Full	23.11	/	/	25.11	/	/	<=33	Pass
		Inner_1RB_Left	23.04	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Right	23.13	/	/	25.13	/	/	<=33	Pass
	1882.5	Outer_Full	23.11	/	/	25.11	/	/	<=33	Pass
		Inner_Full	23.37	/	/	25.37	/	/	<=33	Pass
		Inner_1RB_Left	23.34	/	/	25.34	/	/	<=33	Pass
		Inner_1RB_Right	23.36	/	/	25.36	/	/	<=33	Pass
	1912.5	Outer_Full	23.23	/	/	25.23	/	/	<=33	Pass
		Inner_Full	23.15	/	/	25.15	/	/	<=33	Pass
		Inner_1RB_Left	23.09	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Right	23.05	/	/	25.05	/	/	<=33	Pass
DFT-s-OFDM QPSK	1852.5	Outer_Full	22.38	/	/	24.38	/	/	<=33	Pass
		Inner_Full	23.09	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Left	23.11	/	/	25.11	/	/	<=33	Pass
		Inner_1RB_Right	23.11	/	/	25.11	/	/	<=33	Pass
	1882.5	Outer_Full	22.64	/	/	24.64	/	/	<=33	Pass
		Inner_Full	23.36	/	/	25.36	/	/	<=33	Pass
		Inner_1RB_Left	23.36	/	/	25.36	/	/	<=33	Pass
		Inner_1RB_Right	23.29	/	/	25.29	/	/	<=33	Pass
	1912.5	Outer_Full	22.58	/	/	24.58	/	/	<=33	Pass
		Inner_Full	23.27	/	/	25.27	/	/	<=33	Pass
		Inner_1RB_Left	23.30	/	/	25.30	/	/	<=33	Pass
		Inner_1RB_Right	23.44	/	/	25.44	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer_Full	21.40	/	/	23.40	/	/	<=33	Pass
		Inner_Full	22.45	/	/	24.45	/	/	<=33	Pass
		Inner_1RB_Left	22.17	/	/	24.17	/	/	<=33	Pass
		Inner_1RB_Right	22.23	/	/	24.23	/	/	<=33	Pass
	1882.5	Outer_Full	21.56	/	/	23.56	/	/	<=33	Pass
		Inner_Full	22.73	/	/	24.73	/	/	<=33	Pass
		Inner_1RB_Left	22.40	/	/	24.40	/	/	<=33	Pass
		Inner_1RB_Right	22.41	/	/	24.41	/	/	<=33	Pass
	1912.5	Outer_Full	21.69	/	/	23.69	/	/	<=33	Pass
		Inner_Full	22.79	/	/	24.79	/	/	<=33	Pass
		Inner_1RB_Left	22.46	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Right	22.46	/	/	24.46	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer_Full	20.84	/	/	22.84	/	/	<=33	Pass
		Inner_Full	20.85	/	/	22.85	/	/	<=33	Pass
		Inner_1RB_Left	20.70	/	/	22.70	/	/	<=33	Pass
		Inner_1RB_Right	20.68	/	/	22.68	/	/	<=33	Pass
	1882.5	Outer_Full	21.06	/	/	23.06	/	/	<=33	Pass
		Inner_Full	21.11	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Left	20.93	/	/	22.93	/	/	<=33	Pass
		Inner_1RB_Right	20.97	/	/	22.97	/	/	<=33	Pass
	1912.5	Outer_Full	21.15	/	/	23.15	/	/	<=33	Pass
		Inner_Full	21.21	/	/	23.21	/	/	<=33	Pass
		Inner_1RB_Left	21.00	/	/	23.00	/	/	<=33	Pass
		Inner_1RB_Right	21.17	/	/	23.17	/	/	<=33	Pass
DFT-s-OFDM 256	1852.5	Outer_Full	18.94	/	/	20.94	/	/	<=33	Pass

QAM		Inner Full	18.85	/	/	20.85	/	/	<=33	Pass
		Inner 1RB Left	19.19	/	/	21.19	/	/	<=33	Pass
		Inner 1RB Right	19.20	/	/	21.20	/	/	<=33	Pass
	1882.5	Outer Full	19.13	/	/	21.13	/	/	<=33	Pass
		Inner Full	19.19	/	/	21.19	/	/	<=33	Pass
		Inner 1RB Left	19.37	/	/	21.37	/	/	<=33	Pass
		Inner 1RB Right	19.35	/	/	21.35	/	/	<=33	Pass
	1912.5	Outer Full	19.23	/	/	21.23	/	/	<=33	Pass
		Inner Full	19.23	/	/	21.23	/	/	<=33	Pass
		Inner 1RB Left	19.47	/	/	21.47	/	/	<=33	Pass
		Inner 1RB Right	19.23	/	/	21.23	/	/	<=33	Pass
CP-OFDM QPSK	1852.5	Outer Full	20.37	/	/	22.37	/	/	<=33	Pass
		Inner Full	21.97	/	/	23.97	/	/	<=33	Pass
		Inner 1RB Left	21.89	/	/	23.89	/	/	<=33	Pass
		Inner 1RB Right	21.89	/	/	23.89	/	/	<=33	Pass
	1882.5	Outer Full	20.68	/	/	22.68	/	/	<=33	Pass
		Inner Full	22.16	/	/	24.16	/	/	<=33	Pass
		Inner 1RB Left	22.13	/	/	24.13	/	/	<=33	Pass
		Inner 1RB Right	22.04	/	/	24.04	/	/	<=33	Pass
	1912.5	Outer Full	20.68	/	/	22.68	/	/	<=33	Pass
		Inner Full	22.29	/	/	24.29	/	/	<=33	Pass
		Inner 1RB Left	22.04	/	/	24.04	/	/	<=33	Pass
		Inner 1RB Right	21.95	/	/	23.95	/	/	<=33	Pass
CP-OFDM 16 QAM	1852.5	Outer Full	20.33	/	/	22.33	/	/	<=33	Pass
		Inner Full	21.65	/	/	23.65	/	/	<=33	Pass
		Inner 1RB Left	21.48	/	/	23.48	/	/	<=33	Pass
		Inner 1RB Right	21.43	/	/	23.43	/	/	<=33	Pass
	1882.5	Outer Full	20.66	/	/	22.66	/	/	<=33	Pass
		Inner Full	21.83	/	/	23.83	/	/	<=33	Pass
		Inner 1RB Left	21.58	/	/	23.58	/	/	<=33	Pass
		Inner 1RB Right	21.60	/	/	23.60	/	/	<=33	Pass
	1912.5	Outer Full	20.65	/	/	22.65	/	/	<=33	Pass
		Inner Full	21.98	/	/	23.98	/	/	<=33	Pass
		Inner 1RB Left	21.81	/	/	23.81	/	/	<=33	Pass
		Inner 1RB Right	21.66	/	/	23.66	/	/	<=33	Pass
CP-OFDM 64 QAM	1852.5	Outer Full	19.82	/	/	21.82	/	/	<=33	Pass
		Inner Full	19.94	/	/	21.94	/	/	<=33	Pass
		Inner 1RB Left	19.89	/	/	21.89	/	/	<=33	Pass
		Inner 1RB Right	19.85	/	/	21.85	/	/	<=33	Pass
	1882.5	Outer Full	20.06	/	/	22.06	/	/	<=33	Pass
		Inner Full	20.14	/	/	22.14	/	/	<=33	Pass
		Inner 1RB Left	20.12	/	/	22.12	/	/	<=33	Pass
		Inner 1RB Right	20.13	/	/	22.13	/	/	<=33	Pass
	1912.5	Outer Full	20.15	/	/	22.15	/	/	<=33	Pass
		Inner Full	20.28	/	/	22.28	/	/	<=33	Pass
		Inner 1RB Left	20.22	/	/	22.22	/	/	<=33	Pass
		Inner 1RB Right	20.09	/	/	22.09	/	/	<=33	Pass
CP-OFDM 256 QAM	1852.5	Outer Full	16.93	/	/	18.93	/	/	<=33	Pass
		Inner Full	16.79	/	/	18.79	/	/	<=33	Pass
		Inner 1RB Left	17.15	/	/	19.15	/	/	<=33	Pass
		Inner 1RB Right	17.23	/	/	19.23	/	/	<=33	Pass
	1882.5	Outer Full	17.27	/	/	19.27	/	/	<=33	Pass
		Inner Full	17.03	/	/	19.03	/	/	<=33	Pass
		Inner 1RB Left	17.49	/	/	19.49	/	/	<=33	Pass
		Inner 1RB Right	17.53	/	/	19.53	/	/	<=33	Pass
	1912.5	Outer Full	17.25	/	/	19.25	/	/	<=33	Pass
		Inner Full	17.15	/	/	19.15	/	/	<=33	Pass
		Inner 1RB Left	17.60	/	/	19.60	/	/	<=33	Pass
		Inner 1RB Right	17.48	/	/	19.48	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 2.00dBi; Ant2: 2.00dBi;
 Note2: EIRP=Conducted Power+Antenna Gain

1.1.2 15k_SISO_10MHz_NTNV_EIRP

5G NR n25 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	1855	Outer_Full	22.86	/	/	24.86	/	/	<=33	Pass
		Inner_Full	23.04	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Left	23.13	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Right	23.18	/	/	25.18	/	/	<=33	Pass
	1882.5	Outer_Full	23.11	/	/	25.11	/	/	<=33	Pass
		Inner_Full	23.27	/	/	25.27	/	/	<=33	Pass
		Inner_1RB_Left	23.36	/	/	25.36	/	/	<=33	Pass
		Inner_1RB_Right	23.36	/	/	25.36	/	/	<=33	Pass
	1910	Outer_Full	23.23	/	/	25.23	/	/	<=33	Pass
		Inner_Full	23.09	/	/	25.09	/	/	<=33	Pass
		Inner_1RB_Left	23.19	/	/	25.19	/	/	<=33	Pass
		Inner_1RB_Right	23.10	/	/	25.10	/	/	<=33	Pass
DFT-s-OFDM QPSK	1855	Outer_Full	22.41	/	/	24.41	/	/	<=33	Pass
		Inner_Full	23.15	/	/	25.15	/	/	<=33	Pass
		Inner_1RB_Left	23.10	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Right	23.15	/	/	25.15	/	/	<=33	Pass
	1882.5	Outer_Full	22.68	/	/	24.68	/	/	<=33	Pass
		Inner_Full	23.35	/	/	25.35	/	/	<=33	Pass
		Inner_1RB_Left	23.37	/	/	25.37	/	/	<=33	Pass
		Inner_1RB_Right	23.29	/	/	25.29	/	/	<=33	Pass
	1910	Outer_Full	22.49	/	/	24.49	/	/	<=33	Pass
		Inner_Full	23.30	/	/	25.30	/	/	<=33	Pass
		Inner_1RB_Left	23.33	/	/	25.33	/	/	<=33	Pass
		Inner_1RB_Right	23.45	/	/	25.45	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1855	Outer_Full	21.36	/	/	23.36	/	/	<=33	Pass
		Inner_Full	22.45	/	/	24.45	/	/	<=33	Pass
		Inner_1RB_Left	22.18	/	/	24.18	/	/	<=33	Pass
		Inner_1RB_Right	22.22	/	/	24.22	/	/	<=33	Pass
	1882.5	Outer_Full	21.68	/	/	23.68	/	/	<=33	Pass
		Inner_Full	22.72	/	/	24.72	/	/	<=33	Pass
		Inner_1RB_Left	22.46	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Right	22.52	/	/	24.52	/	/	<=33	Pass
	1910	Outer_Full	21.68	/	/	23.68	/	/	<=33	Pass
		Inner_Full	22.73	/	/	24.73	/	/	<=33	Pass
		Inner_1RB_Left	22.43	/	/	24.43	/	/	<=33	Pass
		Inner_1RB_Right	22.34	/	/	24.34	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1855	Outer_Full	20.90	/	/	22.90	/	/	<=33	Pass
		Inner_Full	20.85	/	/	22.85	/	/	<=33	Pass
		Inner_1RB_Left	20.69	/	/	22.69	/	/	<=33	Pass
		Inner_1RB_Right	20.73	/	/	22.73	/	/	<=33	Pass
	1882.5	Outer_Full	21.20	/	/	23.20	/	/	<=33	Pass
		Inner_Full	21.14	/	/	23.14	/	/	<=33	Pass
		Inner_1RB_Left	20.90	/	/	22.90	/	/	<=33	Pass
		Inner_1RB_Right	20.97	/	/	22.97	/	/	<=33	Pass
	1910	Outer_Full	21.20	/	/	23.20	/	/	<=33	Pass
		Inner_Full	21.19	/	/	23.19	/	/	<=33	Pass
		Inner_1RB_Left	21.08	/	/	23.08	/	/	<=33	Pass
		Inner_1RB_Right	21.01	/	/	23.01	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1855	Outer_Full	18.80	/	/	20.80	/	/	<=33	Pass
		Inner_Full	18.93	/	/	20.93	/	/	<=33	Pass

Note2: EIRP=Conducted Power+Antenna Gain

1.1.3 15k_SISO_15MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 15MHz 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	1857.5	Outer_Full	22.84	/	/	24.84	/	/	<=33	Pass
		Inner_Full	23.06	/	/	25.06	/	/	<=33	Pass
		Inner_1RB_Left	23.08	/	/	25.08	/	/	<=33	Pass
		Inner_1RB_Right	23.24	/	/	25.24	/	/	<=33	Pass
	1882.5	Outer_Full	23.24	/	/	25.24	/	/	<=33	Pass
		Inner_Full	23.28	/	/	25.28	/	/	<=33	Pass
		Inner_1RB_Left	23.29	/	/	25.29	/	/	<=33	Pass
		Inner_1RB_Right	23.41	/	/	25.41	/	/	<=33	Pass
	1907.5	Outer_Full	23.14	/	/	25.14	/	/	<=33	Pass
		Inner_Full	23.44	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Left	23.42	/	/	25.42	/	/	<=33	Pass
		Inner_1RB_Right	23.36	/	/	25.36	/	/	<=33	Pass
DFT-s-OFDM QPSK	1857.5	Outer_Full	22.41	/	/	24.41	/	/	<=33	Pass
		Inner_Full	23.19	/	/	25.19	/	/	<=33	Pass
		Inner_1RB_Left	23.01	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Right	23.25	/	/	25.25	/	/	<=33	Pass
	1882.5	Outer_Full	22.62	/	/	24.62	/	/	<=33	Pass
		Inner_Full	23.34	/	/	25.34	/	/	<=33	Pass
		Inner_1RB_Left	23.27	/	/	25.27	/	/	<=33	Pass
		Inner_1RB_Right	23.45	/	/	25.45	/	/	<=33	Pass
	1907.5	Outer_Full	22.79	/	/	24.79	/	/	<=33	Pass
		Inner_Full	23.49	/	/	25.49	/	/	<=33	Pass
		Inner_1RB_Left	23.41	/	/	25.41	/	/	<=33	Pass
		Inner_1RB_Right	23.64	/	/	25.64	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1857.5	Outer_Full	21.41	/	/	23.41	/	/	<=33	Pass
		Inner_Full	22.42	/	/	24.42	/	/	<=33	Pass
		Inner_1RB_Left	22.36	/	/	24.36	/	/	<=33	Pass
		Inner_1RB_Right	22.48	/	/	24.48	/	/	<=33	Pass
	1882.5	Outer_Full	21.63	/	/	23.63	/	/	<=33	Pass
		Inner_Full	22.69	/	/	24.69	/	/	<=33	Pass
		Inner_1RB_Left	22.47	/	/	24.47	/	/	<=33	Pass
		Inner_1RB_Right	22.50	/	/	24.50	/	/	<=33	Pass
	1907.5	Outer_Full	21.78	/	/	23.78	/	/	<=33	Pass
		Inner_Full	22.78	/	/	24.78	/	/	<=33	Pass
		Inner_1RB_Left	22.51	/	/	24.51	/	/	<=33	Pass
		Inner_1RB_Right	22.45	/	/	24.45	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1857.5	Outer_Full	20.93	/	/	22.93	/	/	<=33	Pass
		Inner_Full	20.96	/	/	22.96	/	/	<=33	Pass
		Inner_1RB_Left	20.85	/	/	22.85	/	/	<=33	Pass
		Inner_1RB_Right	20.88	/	/	22.88	/	/	<=33	Pass
	1882.5	Outer_Full	21.20	/	/	23.20	/	/	<=33	Pass
		Inner_Full	21.16	/	/	23.16	/	/	<=33	Pass
		Inner_1RB_Left	20.92	/	/	22.92	/	/	<=33	Pass
		Inner_1RB_Right	21.07	/	/	23.07	/	/	<=33	Pass
	1907.5	Outer_Full	21.23	/	/	23.23	/	/	<=33	Pass
		Inner_Full	21.27	/	/	23.27	/	/	<=33	Pass
		Inner_1RB_Left	21.10	/	/	23.10	/	/	<=33	Pass
		Inner_1RB_Right	21.14	/	/	23.14	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1857.5	Outer_Full	18.89	/	/	20.89	/	/	<=33	Pass
		Inner_Full	18.88	/	/	20.88	/	/	<=33	Pass

		Inner 1RB Left	19.13	/	/	21.13	/	/	<=33	Pass
		Inner 1RB Right	19.27	/	/	21.27	/	/	<=33	Pass
	1882.5	Outer Full	19.16	/	/	21.16	/	/	<=33	Pass
		Inner Full	19.13	/	/	21.13	/	/	<=33	Pass
		Inner 1RB Left	19.33	/	/	21.33	/	/	<=33	Pass
		Inner 1RB Right	19.37	/	/	21.37	/	/	<=33	Pass
	1907.5	Outer Full	19.19	/	/	21.19	/	/	<=33	Pass
		Inner Full	19.12	/	/	21.12	/	/	<=33	Pass
		Inner 1RB Left	19.42	/	/	21.42	/	/	<=33	Pass
		Inner 1RB Right	19.42	/	/	21.42	/	/	<=33	Pass
CP-OFDM QPSK	1857.5	Outer Full	20.40	/	/	22.40	/	/	<=33	Pass
		Inner Full	22.02	/	/	24.02	/	/	<=33	Pass
		Inner 1RB Left	21.94	/	/	23.94	/	/	<=33	Pass
		Inner 1RB Right	21.91	/	/	23.91	/	/	<=33	Pass
	1882.5	Outer Full	20.66	/	/	22.66	/	/	<=33	Pass
		Inner Full	22.23	/	/	24.23	/	/	<=33	Pass
		Inner 1RB Left	22.10	/	/	24.10	/	/	<=33	Pass
		Inner 1RB Right	22.23	/	/	24.23	/	/	<=33	Pass
	1907.5	Outer Full	20.78	/	/	22.78	/	/	<=33	Pass
		Inner Full	22.30	/	/	24.30	/	/	<=33	Pass
		Inner 1RB Left	22.12	/	/	24.12	/	/	<=33	Pass
		Inner 1RB Right	22.05	/	/	24.05	/	/	<=33	Pass
CP-OFDM 16 QAM	1857.5	Outer Full	20.37	/	/	22.37	/	/	<=33	Pass
		Inner Full	21.43	/	/	23.43	/	/	<=33	Pass
		Inner 1RB Left	21.32	/	/	23.32	/	/	<=33	Pass
		Inner 1RB Right	21.56	/	/	23.56	/	/	<=33	Pass
	1882.5	Outer Full	20.68	/	/	22.68	/	/	<=33	Pass
		Inner Full	21.64	/	/	23.64	/	/	<=33	Pass
		Inner 1RB Left	21.60	/	/	23.60	/	/	<=33	Pass
		Inner 1RB Right	21.67	/	/	23.67	/	/	<=33	Pass
	1907.5	Outer Full	20.78	/	/	22.78	/	/	<=33	Pass
		Inner Full	21.87	/	/	23.87	/	/	<=33	Pass
		Inner 1RB Left	21.63	/	/	23.63	/	/	<=33	Pass
		Inner 1RB Right	21.81	/	/	23.81	/	/	<=33	Pass
CP-OFDM 64 QAM	1857.5	Outer Full	19.95	/	/	21.95	/	/	<=33	Pass
		Inner Full	19.91	/	/	21.91	/	/	<=33	Pass
		Inner 1RB Left	19.91	/	/	21.91	/	/	<=33	Pass
		Inner 1RB Right	20.11	/	/	22.11	/	/	<=33	Pass
	1882.5	Outer Full	20.16	/	/	22.16	/	/	<=33	Pass
		Inner Full	20.15	/	/	22.15	/	/	<=33	Pass
		Inner 1RB Left	20.09	/	/	22.09	/	/	<=33	Pass
		Inner 1RB Right	20.24	/	/	22.24	/	/	<=33	Pass
	1907.5	Outer Full	20.24	/	/	22.24	/	/	<=33	Pass
		Inner Full	20.22	/	/	22.22	/	/	<=33	Pass
		Inner 1RB Left	20.20	/	/	22.20	/	/	<=33	Pass
		Inner 1RB Right	20.16	/	/	22.16	/	/	<=33	Pass
CP-OFDM 256 QAM	1857.5	Outer Full	16.79	/	/	18.79	/	/	<=33	Pass
		Inner Full	16.87	/	/	18.87	/	/	<=33	Pass
		Inner 1RB Left	17.17	/	/	19.17	/	/	<=33	Pass
		Inner 1RB Right	17.44	/	/	19.44	/	/	<=33	Pass
	1882.5	Outer Full	17.15	/	/	19.15	/	/	<=33	Pass
		Inner Full	17.11	/	/	19.11	/	/	<=33	Pass
		Inner 1RB Left	17.51	/	/	19.51	/	/	<=33	Pass
		Inner 1RB Right	17.61	/	/	19.61	/	/	<=33	Pass
	1907.5	Outer Full	17.27	/	/	19.27	/	/	<=33	Pass
		Inner Full	17.27	/	/	19.27	/	/	<=33	Pass
		Inner 1RB Left	17.55	/	/	19.55	/	/	<=33	Pass
		Inner 1RB Right	17.68	/	/	19.68	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 2.00dBi; Ant2: 2.00dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.4 15k_SISO_20MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 20MHz 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	1860	Outer_Full	22.88	/	/	24.88	/	/	<=33	Pass
		Inner_Full	22.92	/	/	24.92	/	/	<=33	Pass
		Inner_1RB_Left	22.79	/	/	24.79	/	/	<=33	Pass
		Inner_1RB_Right	23.15	/	/	25.15	/	/	<=33	Pass
	1882.5	Outer_Full	23.19	/	/	25.19	/	/	<=33	Pass
		Inner_Full	23.36	/	/	25.36	/	/	<=33	Pass
		Inner_1RB_Left	23.32	/	/	25.32	/	/	<=33	Pass
		Inner_1RB_Right	23.50	/	/	25.50	/	/	<=33	Pass
	1905	Outer_Full	23.14	/	/	25.14	/	/	<=33	Pass
		Inner_Full	23.40	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Left	23.39	/	/	25.39	/	/	<=33	Pass
		Inner_1RB_Right	23.36	/	/	25.36	/	/	<=33	Pass
DFT-s-OFDM QPSK	1860	Outer_Full	22.26	/	/	24.26	/	/	<=33	Pass
		Inner_Full	23.14	/	/	25.14	/	/	<=33	Pass
		Inner_1RB_Left	22.91	/	/	24.91	/	/	<=33	Pass
		Inner_1RB_Right	23.21	/	/	25.21	/	/	<=33	Pass
	1882.5	Outer_Full	22.68	/	/	24.68	/	/	<=33	Pass
		Inner_Full	23.39	/	/	25.39	/	/	<=33	Pass
		Inner_1RB_Left	23.29	/	/	25.29	/	/	<=33	Pass
		Inner_1RB_Right	23.44	/	/	25.44	/	/	<=33	Pass
	1905	Outer_Full	22.70	/	/	24.70	/	/	<=33	Pass
		Inner_Full	23.48	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Left	23.40	/	/	25.40	/	/	<=33	Pass
		Inner_1RB_Right	23.50	/	/	25.50	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1860	Outer_Full	21.40	/	/	23.40	/	/	<=33	Pass
		Inner_Full	22.46	/	/	24.46	/	/	<=33	Pass
		Inner_1RB_Left	22.14	/	/	24.14	/	/	<=33	Pass
		Inner_1RB_Right	22.33	/	/	24.33	/	/	<=33	Pass
	1882.5	Outer_Full	21.69	/	/	23.69	/	/	<=33	Pass
		Inner_Full	22.72	/	/	24.72	/	/	<=33	Pass
		Inner_1RB_Left	22.45	/	/	24.45	/	/	<=33	Pass
		Inner_1RB_Right	22.56	/	/	24.56	/	/	<=33	Pass
	1905	Outer_Full	21.73	/	/	23.73	/	/	<=33	Pass
		Inner_Full	22.83	/	/	24.83	/	/	<=33	Pass
		Inner_1RB_Left	22.56	/	/	24.56	/	/	<=33	Pass
		Inner_1RB_Right	22.52	/	/	24.52	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1860	Outer_Full	20.87	/	/	22.87	/	/	<=33	Pass
		Inner_Full	20.94	/	/	22.94	/	/	<=33	Pass
		Inner_1RB_Left	20.60	/	/	22.60	/	/	<=33	Pass
		Inner_1RB_Right	20.79	/	/	22.79	/	/	<=33	Pass
	1882.5	Outer_Full	21.18	/	/	23.18	/	/	<=33	Pass
		Inner_Full	21.11	/	/	23.11	/	/	<=33	Pass
		Inner_1RB_Left	21.03	/	/	23.03	/	/	<=33	Pass
		Inner_1RB_Right	21.03	/	/	23.03	/	/	<=33	Pass
	1905	Outer_Full	21.20	/	/	23.20	/	/	<=33	Pass
		Inner_Full	21.24	/	/	23.24	/	/	<=33	Pass
		Inner_1RB_Left	21.09	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Right	21.12	/	/	23.12	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1860	Outer_Full	18.85	/	/	20.85	/	/	<=33	Pass
		Inner_Full	18.89	/	/	20.89	/	/	<=33	Pass

		Inner_1RB_Left	18.97	/	/	20.97	/	/	<=33	Pass		
		Inner_1RB_Right	19.19	/	/	21.19	/	/	<=33	Pass		
	1882.5	Outer_Full	19.15	/	/	21.15	/	/	<=33	Pass		
		Inner_Full	19.07	/	/	21.07	/	/	<=33	Pass		
		Inner_1RB_Left	19.27	/	/	21.27	/	/	<=33	Pass		
		Inner_1RB_Right	19.44	/	/	21.44	/	/	<=33	Pass		
		Outer_Full	19.17	/	/	21.17	/	/	<=33	Pass		
		Inner_Full	19.19	/	/	21.19	/	/	<=33	Pass		
	1905	Inner_1RB_Left	19.42	/	/	21.42	/	/	<=33	Pass		
		Inner_1RB_Right	19.48	/	/	21.48	/	/	<=33	Pass		
		CP-OFDM QPSK	1860	Outer_Full	20.37	/	/	22.37	/	/	<=33	Pass
				Inner_Full	22.00	/	/	24.00	/	/	<=33	Pass
Inner_1RB_Left	21.85			/	/	23.85	/	/	<=33	Pass		
Inner_1RB_Right	22.03			/	/	24.03	/	/	<=33	Pass		
1882.5	Outer_Full		20.61	/	/	22.61	/	/	<=33	Pass		
	Inner_Full		22.12	/	/	24.12	/	/	<=33	Pass		
	Inner_1RB_Left		22.03	/	/	24.03	/	/	<=33	Pass		
	Inner_1RB_Right		22.17	/	/	24.17	/	/	<=33	Pass		
1905	Outer_Full		20.71	/	/	22.71	/	/	<=33	Pass		
	Inner_Full		22.31	/	/	24.31	/	/	<=33	Pass		
	Inner_1RB_Left		22.14	/	/	24.14	/	/	<=33	Pass		
	Inner_1RB_Right		22.03	/	/	24.03	/	/	<=33	Pass		
CP-OFDM 16 QAM	1860	Outer_Full	20.39	/	/	22.39	/	/	<=33	Pass		
		Inner_Full	21.46	/	/	23.46	/	/	<=33	Pass		
		Inner_1RB_Left	21.35	/	/	23.35	/	/	<=33	Pass		
		Inner_1RB_Right	21.55	/	/	23.55	/	/	<=33	Pass		
	1882.5	Outer_Full	20.70	/	/	22.70	/	/	<=33	Pass		
		Inner_Full	21.70	/	/	23.70	/	/	<=33	Pass		
		Inner_1RB_Left	21.53	/	/	23.53	/	/	<=33	Pass		
		Inner_1RB_Right	21.70	/	/	23.70	/	/	<=33	Pass		
	1905	Outer_Full	20.74	/	/	22.74	/	/	<=33	Pass		
		Inner_Full	21.74	/	/	23.74	/	/	<=33	Pass		
		Inner_1RB_Left	21.64	/	/	23.64	/	/	<=33	Pass		
		Inner_1RB_Right	21.77	/	/	23.77	/	/	<=33	Pass		
CP-OFDM 64 QAM	1860	Outer_Full	19.89	/	/	21.89	/	/	<=33	Pass		
		Inner_Full	19.99	/	/	21.99	/	/	<=33	Pass		
		Inner_1RB_Left	19.77	/	/	21.77	/	/	<=33	Pass		
		Inner_1RB_Right	20.01	/	/	22.01	/	/	<=33	Pass		
	1882.5	Outer_Full	20.19	/	/	22.19	/	/	<=33	Pass		
		Inner_Full	20.14	/	/	22.14	/	/	<=33	Pass		
		Inner_1RB_Left	20.17	/	/	22.17	/	/	<=33	Pass		
		Inner_1RB_Right	20.16	/	/	22.16	/	/	<=33	Pass		
	1905	Outer_Full	20.22	/	/	22.22	/	/	<=33	Pass		
		Inner_Full	20.28	/	/	22.28	/	/	<=33	Pass		
		Inner_1RB_Left	20.11	/	/	22.11	/	/	<=33	Pass		
		Inner_1RB_Right	20.23	/	/	22.23	/	/	<=33	Pass		
CP-OFDM 256 QAM	1860	Outer_Full	16.90	/	/	18.90	/	/	<=33	Pass		
		Inner_Full	16.93	/	/	18.93	/	/	<=33	Pass		
		Inner_1RB_Left	17.16	/	/	19.16	/	/	<=33	Pass		
		Inner_1RB_Right	17.43	/	/	19.43	/	/	<=33	Pass		
	1882.5	Outer_Full	17.16	/	/	19.16	/	/	<=33	Pass		
		Inner_Full	17.15	/	/	19.15	/	/	<=33	Pass		
		Inner_1RB_Left	17.43	/	/	19.43	/	/	<=33	Pass		
		Inner_1RB_Right	17.63	/	/	19.63	/	/	<=33	Pass		
	1905	Outer_Full	17.24	/	/	19.24	/	/	<=33	Pass		
		Inner_Full	17.21	/	/	19.21	/	/	<=33	Pass		
		Inner_1RB_Left	17.47	/	/	19.47	/	/	<=33	Pass		
		Inner_1RB_Right	17.62	/	/	19.62	/	/	<=33	Pass		
Note1: Antenna Gain: Ant1: 2.00dBi: Ant2: 2.00dBi:												

Note2: EIRP=Conducted Power+Antenna Gain

1.1.5 15k_SISO_25MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 25MHz 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	1862.5	Outer_Full	22.74	/	/	24.74	/	/	<=33	Pass
		Inner_Full	23.07	/	/	25.07	/	/	<=33	Pass
		Inner_1RB_Left	23.10	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Right	23.46	/	/	25.46	/	/	<=33	Pass
	1882.5	Outer_Full	22.92	/	/	24.92	/	/	<=33	Pass
		Inner_Full	23.26	/	/	25.26	/	/	<=33	Pass
		Inner_1RB_Left	23.22	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Right	23.30	/	/	25.30	/	/	<=33	Pass
	1902.5	Outer_Full	23.01	/	/	25.01	/	/	<=33	Pass
		Inner_Full	23.37	/	/	25.37	/	/	<=33	Pass
		Inner_1RB_Left	23.47	/	/	25.47	/	/	<=33	Pass
		Inner_1RB_Right	23.52	/	/	25.52	/	/	<=33	Pass
DFT-s-OFDM QPSK	1862.5	Outer_Full	22.35	/	/	24.35	/	/	<=33	Pass
		Inner_Full	23.13	/	/	25.13	/	/	<=33	Pass
		Inner_1RB_Left	23.03	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Right	23.29	/	/	25.29	/	/	<=33	Pass
	1882.5	Outer_Full	22.43	/	/	24.43	/	/	<=33	Pass
		Inner_Full	23.22	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Left	23.12	/	/	25.12	/	/	<=33	Pass
		Inner_1RB_Right	23.33	/	/	25.33	/	/	<=33	Pass
	1902.5	Outer_Full	22.56	/	/	24.56	/	/	<=33	Pass
		Inner_Full	23.42	/	/	25.42	/	/	<=33	Pass
		Inner_1RB_Left	23.21	/	/	25.21	/	/	<=33	Pass
		Inner_1RB_Right	23.49	/	/	25.49	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1862.5	Outer_Full	21.35	/	/	23.35	/	/	<=33	Pass
		Inner_Full	22.32	/	/	24.32	/	/	<=33	Pass
		Inner_1RB_Left	22.09	/	/	24.09	/	/	<=33	Pass
		Inner_1RB_Right	22.20	/	/	24.20	/	/	<=33	Pass
	1882.5	Outer_Full	21.40	/	/	23.40	/	/	<=33	Pass
		Inner_Full	22.49	/	/	24.49	/	/	<=33	Pass
		Inner_1RB_Left	22.14	/	/	24.14	/	/	<=33	Pass
		Inner_1RB_Right	22.36	/	/	24.36	/	/	<=33	Pass
	1902.5	Outer_Full	21.64	/	/	23.64	/	/	<=33	Pass
		Inner_Full	22.71	/	/	24.71	/	/	<=33	Pass
		Inner_1RB_Left	22.23	/	/	24.23	/	/	<=33	Pass
		Inner_1RB_Right	22.36	/	/	24.36	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1862.5	Outer_Full	20.82	/	/	22.82	/	/	<=33	Pass
		Inner_Full	20.85	/	/	22.85	/	/	<=33	Pass
		Inner_1RB_Left	20.57	/	/	22.57	/	/	<=33	Pass
		Inner_1RB_Right	20.71	/	/	22.71	/	/	<=33	Pass
	1882.5	Outer_Full	20.95	/	/	22.95	/	/	<=33	Pass
		Inner_Full	20.96	/	/	22.96	/	/	<=33	Pass
		Inner_1RB_Left	20.59	/	/	22.59	/	/	<=33	Pass
		Inner_1RB_Right	20.89	/	/	22.89	/	/	<=33	Pass
	1902.5	Outer_Full	21.05	/	/	23.05	/	/	<=33	Pass
		Inner_Full	21.13	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Left	20.87	/	/	22.87	/	/	<=33	Pass
		Inner_1RB_Right	21.08	/	/	23.08	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1862.5	Outer_Full	18.74	/	/	20.74	/	/	<=33	Pass
		Inner_Full	18.83	/	/	20.83	/	/	<=33	Pass

		Inner 1RB Left	19.01	/	/	21.01	/	/	<=33	Pass
		Inner 1RB Right	19.26	/	/	21.26	/	/	<=33	Pass
	1882.5	Outer Full	18.88	/	/	20.88	/	/	<=33	Pass
		Inner Full	18.88	/	/	20.88	/	/	<=33	Pass
		Inner 1RB Left	19.09	/	/	21.09	/	/	<=33	Pass
		Inner 1RB Right	19.33	/	/	21.33	/	/	<=33	Pass
	1902.5	Outer Full	19.01	/	/	21.01	/	/	<=33	Pass
		Inner Full	19.13	/	/	21.13	/	/	<=33	Pass
		Inner 1RB Left	19.16	/	/	21.16	/	/	<=33	Pass
		Inner 1RB Right	19.34	/	/	21.34	/	/	<=33	Pass
CP-OFDM QPSK	1862.5	Outer Full	20.26	/	/	22.26	/	/	<=33	Pass
		Inner Full	21.88	/	/	23.88	/	/	<=33	Pass
		Inner 1RB Left	21.72	/	/	23.72	/	/	<=33	Pass
		Inner 1RB Right	21.88	/	/	23.88	/	/	<=33	Pass
	1882.5	Outer Full	20.49	/	/	22.49	/	/	<=33	Pass
		Inner Full	22.01	/	/	24.01	/	/	<=33	Pass
		Inner 1RB Left	21.79	/	/	23.79	/	/	<=33	Pass
		Inner 1RB Right	21.91	/	/	23.91	/	/	<=33	Pass
	1902.5	Outer Full	20.48	/	/	22.48	/	/	<=33	Pass
		Inner Full	22.19	/	/	24.19	/	/	<=33	Pass
		Inner 1RB Left	21.91	/	/	23.91	/	/	<=33	Pass
		Inner 1RB Right	21.95	/	/	23.95	/	/	<=33	Pass
CP-OFDM 16 QAM	1862.5	Outer Full	20.18	/	/	22.18	/	/	<=33	Pass
		Inner Full	21.29	/	/	23.29	/	/	<=33	Pass
		Inner 1RB Left	21.29	/	/	23.29	/	/	<=33	Pass
		Inner 1RB Right	21.33	/	/	23.33	/	/	<=33	Pass
	1882.5	Outer Full	20.43	/	/	22.43	/	/	<=33	Pass
		Inner Full	21.46	/	/	23.46	/	/	<=33	Pass
		Inner 1RB Left	21.33	/	/	23.33	/	/	<=33	Pass
		Inner 1RB Right	21.51	/	/	23.51	/	/	<=33	Pass
	1902.5	Outer Full	20.52	/	/	22.52	/	/	<=33	Pass
		Inner Full	21.58	/	/	23.58	/	/	<=33	Pass
		Inner 1RB Left	21.42	/	/	23.42	/	/	<=33	Pass
		Inner 1RB Right	21.67	/	/	23.67	/	/	<=33	Pass
CP-OFDM 64 QAM	1862.5	Outer Full	19.72	/	/	21.72	/	/	<=33	Pass
		Inner Full	19.81	/	/	21.81	/	/	<=33	Pass
		Inner 1RB Left	19.67	/	/	21.67	/	/	<=33	Pass
		Inner 1RB Right	19.93	/	/	21.93	/	/	<=33	Pass
	1882.5	Outer Full	19.92	/	/	21.92	/	/	<=33	Pass
		Inner Full	19.91	/	/	21.91	/	/	<=33	Pass
		Inner 1RB Left	19.77	/	/	21.77	/	/	<=33	Pass
		Inner 1RB Right	20.06	/	/	22.06	/	/	<=33	Pass
	1902.5	Outer Full	19.98	/	/	21.98	/	/	<=33	Pass
		Inner Full	20.06	/	/	22.06	/	/	<=33	Pass
		Inner 1RB Left	19.96	/	/	21.96	/	/	<=33	Pass
		Inner 1RB Right	20.06	/	/	22.06	/	/	<=33	Pass
CP-OFDM 256 QAM	1862.5	Outer Full	16.70	/	/	18.70	/	/	<=33	Pass
		Inner Full	16.82	/	/	18.82	/	/	<=33	Pass
		Inner 1RB Left	17.06	/	/	19.06	/	/	<=33	Pass
		Inner 1RB Right	17.30	/	/	19.30	/	/	<=33	Pass
	1882.5	Outer Full	16.92	/	/	18.92	/	/	<=33	Pass
		Inner Full	17.01	/	/	19.01	/	/	<=33	Pass
		Inner 1RB Left	17.19	/	/	19.19	/	/	<=33	Pass
		Inner 1RB Right	17.40	/	/	19.40	/	/	<=33	Pass
	1902.5	Outer Full	17.02	/	/	19.02	/	/	<=33	Pass
		Inner Full	17.08	/	/	19.08	/	/	<=33	Pass
		Inner 1RB Left	17.31	/	/	19.31	/	/	<=33	Pass
		Inner 1RB Right	17.42	/	/	19.42	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 2.00dBi; Ant2: 2.00dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.6 15k_SISO_30MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 30MHz 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	1865	Outer_Full	22.76	/	/	24.76	/	/	<=33	Pass
		Inner_Full	23.21	/	/	25.21	/	/	<=33	Pass
		Inner_1RB_Left	23.03	/	/	25.03	/	/	<=33	Pass
		Inner_1RB_Right	23.47	/	/	25.47	/	/	<=33	Pass
	1882.5	Outer_Full	22.95	/	/	24.95	/	/	<=33	Pass
		Inner_Full	23.39	/	/	25.39	/	/	<=33	Pass
		Inner_1RB_Left	23.25	/	/	25.25	/	/	<=33	Pass
		Inner_1RB_Right	23.45	/	/	25.45	/	/	<=33	Pass
	1900	Outer_Full	22.95	/	/	24.95	/	/	<=33	Pass
		Inner_Full	23.49	/	/	25.49	/	/	<=33	Pass
		Inner_1RB_Left	23.32	/	/	25.32	/	/	<=33	Pass
		Inner_1RB_Right	23.38	/	/	25.38	/	/	<=33	Pass
DFT-s-OFDM QPSK	1865	Outer_Full	22.35	/	/	24.35	/	/	<=33	Pass
		Inner_Full	23.22	/	/	25.22	/	/	<=33	Pass
		Inner_1RB_Left	23.08	/	/	25.08	/	/	<=33	Pass
		Inner_1RB_Right	23.46	/	/	25.46	/	/	<=33	Pass
	1882.5	Outer_Full	22.40	/	/	24.40	/	/	<=33	Pass
		Inner_Full	23.39	/	/	25.39	/	/	<=33	Pass
		Inner_1RB_Left	23.21	/	/	25.21	/	/	<=33	Pass
		Inner_1RB_Right	23.34	/	/	25.34	/	/	<=33	Pass
	1900	Outer_Full	22.60	/	/	24.60	/	/	<=33	Pass
		Inner_Full	23.46	/	/	25.46	/	/	<=33	Pass
		Inner_1RB_Left	23.34	/	/	25.34	/	/	<=33	Pass
		Inner_1RB_Right	23.56	/	/	25.56	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1865	Outer_Full	21.38	/	/	23.38	/	/	<=33	Pass
		Inner_Full	22.48	/	/	24.48	/	/	<=33	Pass
		Inner_1RB_Left	22.04	/	/	24.04	/	/	<=33	Pass
		Inner_1RB_Right	22.28	/	/	24.28	/	/	<=33	Pass
	1882.5	Outer_Full	21.51	/	/	23.51	/	/	<=33	Pass
		Inner_Full	22.59	/	/	24.59	/	/	<=33	Pass
		Inner_1RB_Left	22.23	/	/	24.23	/	/	<=33	Pass
		Inner_1RB_Right	22.47	/	/	24.47	/	/	<=33	Pass
	1900	Outer_Full	21.63	/	/	23.63	/	/	<=33	Pass
		Inner_Full	22.69	/	/	24.69	/	/	<=33	Pass
		Inner_1RB_Left	22.30	/	/	24.30	/	/	<=33	Pass
		Inner_1RB_Right	22.45	/	/	24.45	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1865	Outer_Full	20.91	/	/	22.91	/	/	<=33	Pass
		Inner_Full	20.91	/	/	22.91	/	/	<=33	Pass
		Inner_1RB_Left	20.47	/	/	22.47	/	/	<=33	Pass
		Inner_1RB_Right	20.76	/	/	22.76	/	/	<=33	Pass
	1882.5	Outer_Full	21.02	/	/	23.02	/	/	<=33	Pass
		Inner_Full	21.06	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Left	20.76	/	/	22.76	/	/	<=33	Pass
		Inner_1RB_Right	20.95	/	/	22.95	/	/	<=33	Pass
	1900	Outer_Full	20.99	/	/	22.99	/	/	<=33	Pass
		Inner_Full	21.13	/	/	23.13	/	/	<=33	Pass
		Inner_1RB_Left	20.80	/	/	22.80	/	/	<=33	Pass
		Inner_1RB_Right	21.04	/	/	23.04	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1865	Outer_Full	18.82	/	/	20.82	/	/	<=33	Pass
		Inner_Full	18.93	/	/	20.93	/	/	<=33	Pass

		Inner 1RB Left	18.95	/	/	20.95	/	/	<=33	Pass
		Inner 1RB Right	19.20	/	/	21.20	/	/	<=33	Pass
	1882.5	Outer Full	18.91	/	/	20.91	/	/	<=33	Pass
		Inner Full	19.03	/	/	21.03	/	/	<=33	Pass
		Inner 1RB Left	19.12	/	/	21.12	/	/	<=33	Pass
		Inner 1RB Right	19.42	/	/	21.42	/	/	<=33	Pass
	1900	Outer Full	19.02	/	/	21.02	/	/	<=33	Pass
		Inner Full	19.18	/	/	21.18	/	/	<=33	Pass
		Inner 1RB Left	19.22	/	/	21.22	/	/	<=33	Pass
		Inner 1RB Right	19.31	/	/	21.31	/	/	<=33	Pass
CP-OFDM QPSK	1865	Outer Full	20.32	/	/	22.32	/	/	<=33	Pass
		Inner Full	21.93	/	/	23.93	/	/	<=33	Pass
		Inner 1RB Left	21.72	/	/	23.72	/	/	<=33	Pass
		Inner 1RB Right	21.93	/	/	23.93	/	/	<=33	Pass
	1882.5	Outer Full	20.49	/	/	22.49	/	/	<=33	Pass
		Inner Full	21.98	/	/	23.98	/	/	<=33	Pass
		Inner 1RB Left	21.89	/	/	23.89	/	/	<=33	Pass
		Inner 1RB Right	22.09	/	/	24.09	/	/	<=33	Pass
	1900	Outer Full	20.60	/	/	22.60	/	/	<=33	Pass
		Inner Full	22.15	/	/	24.15	/	/	<=33	Pass
		Inner 1RB Left	21.96	/	/	23.96	/	/	<=33	Pass
		Inner 1RB Right	21.95	/	/	23.95	/	/	<=33	Pass
CP-OFDM 16 QAM	1865	Outer Full	20.40	/	/	22.40	/	/	<=33	Pass
		Inner Full	21.38	/	/	23.38	/	/	<=33	Pass
		Inner 1RB Left	21.22	/	/	23.22	/	/	<=33	Pass
		Inner 1RB Right	21.42	/	/	23.42	/	/	<=33	Pass
	1882.5	Outer Full	20.51	/	/	22.51	/	/	<=33	Pass
		Inner Full	21.59	/	/	23.59	/	/	<=33	Pass
		Inner 1RB Left	21.42	/	/	23.42	/	/	<=33	Pass
		Inner 1RB Right	21.66	/	/	23.66	/	/	<=33	Pass
	1900	Outer Full	20.55	/	/	22.55	/	/	<=33	Pass
		Inner Full	21.64	/	/	23.64	/	/	<=33	Pass
		Inner 1RB Left	21.51	/	/	23.51	/	/	<=33	Pass
		Inner 1RB Right	21.76	/	/	23.76	/	/	<=33	Pass
CP-OFDM 64 QAM	1865	Outer Full	19.89	/	/	21.89	/	/	<=33	Pass
		Inner Full	19.89	/	/	21.89	/	/	<=33	Pass
		Inner 1RB Left	19.82	/	/	21.82	/	/	<=33	Pass
		Inner 1RB Right	19.90	/	/	21.90	/	/	<=33	Pass
	1882.5	Outer Full	19.95	/	/	21.95	/	/	<=33	Pass
		Inner Full	20.00	/	/	22.00	/	/	<=33	Pass
		Inner 1RB Left	19.88	/	/	21.88	/	/	<=33	Pass
		Inner 1RB Right	20.13	/	/	22.13	/	/	<=33	Pass
	1900	Outer Full	20.03	/	/	22.03	/	/	<=33	Pass
		Inner Full	20.12	/	/	22.12	/	/	<=33	Pass
		Inner 1RB Left	20.03	/	/	22.03	/	/	<=33	Pass
		Inner 1RB Right	20.19	/	/	22.19	/	/	<=33	Pass
CP-OFDM 256 QAM	1865	Outer Full	16.87	/	/	18.87	/	/	<=33	Pass
		Inner Full	16.89	/	/	18.89	/	/	<=33	Pass
		Inner 1RB Left	17.12	/	/	19.12	/	/	<=33	Pass
		Inner 1RB Right	17.42	/	/	19.42	/	/	<=33	Pass
	1882.5	Outer Full	16.98	/	/	18.98	/	/	<=33	Pass
		Inner Full	16.96	/	/	18.96	/	/	<=33	Pass
		Inner 1RB Left	17.34	/	/	19.34	/	/	<=33	Pass
		Inner 1RB Right	17.58	/	/	19.58	/	/	<=33	Pass
	1900	Outer Full	16.98	/	/	18.98	/	/	<=33	Pass
		Inner Full	17.22	/	/	19.22	/	/	<=33	Pass
		Inner 1RB Left	17.38	/	/	19.38	/	/	<=33	Pass
		Inner 1RB Right	17.53	/	/	19.53	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 2.00dBi; Ant2: 2.00dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.7 15k_SISO_35MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 35MHz 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	1867.5	Outer_Full	22.89	/	/	24.89	/	/	<=33	Pass
		Inner_Full	23.25	/	/	25.25	/	/	<=33	Pass
		Inner_1RB_Left	23.04	/	/	25.04	/	/	<=33	Pass
		Inner_1RB_Right	23.46	/	/	25.46	/	/	<=33	Pass
	1882.5	Outer_Full	22.99	/	/	24.99	/	/	<=33	Pass
		Inner_Full	23.37	/	/	25.37	/	/	<=33	Pass
		Inner_1RB_Left	23.10	/	/	25.10	/	/	<=33	Pass
		Inner_1RB_Right	23.40	/	/	25.40	/	/	<=33	Pass
	1897.5	Outer_Full	22.96	/	/	24.96	/	/	<=33	Pass
		Inner_Full	23.45	/	/	25.45	/	/	<=33	Pass
		Inner_1RB_Left	23.30	/	/	25.30	/	/	<=33	Pass
		Inner_1RB_Right	23.34	/	/	25.34	/	/	<=33	Pass
DFT-s-OFDM QPSK	1867.5	Outer_Full	22.44	/	/	24.44	/	/	<=33	Pass
		Inner_Full	23.27	/	/	25.27	/	/	<=33	Pass
		Inner_1RB_Left	22.92	/	/	24.92	/	/	<=33	Pass
		Inner_1RB_Right	23.36	/	/	25.36	/	/	<=33	Pass
	1882.5	Outer_Full	22.45	/	/	24.45	/	/	<=33	Pass
		Inner_Full	23.43	/	/	25.43	/	/	<=33	Pass
		Inner_1RB_Left	23.15	/	/	25.15	/	/	<=33	Pass
		Inner_1RB_Right	23.40	/	/	25.40	/	/	<=33	Pass
	1897.5	Outer_Full	22.62	/	/	24.62	/	/	<=33	Pass
		Inner_Full	23.49	/	/	25.49	/	/	<=33	Pass
		Inner_1RB_Left	23.32	/	/	25.32	/	/	<=33	Pass
		Inner_1RB_Right	23.51	/	/	25.51	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1867.5	Outer_Full	21.43	/	/	23.43	/	/	<=33	Pass
		Inner_Full	22.42	/	/	24.42	/	/	<=33	Pass
		Inner_1RB_Left	21.96	/	/	23.96	/	/	<=33	Pass
		Inner_1RB_Right	22.27	/	/	24.27	/	/	<=33	Pass
	1882.5	Outer_Full	21.45	/	/	23.45	/	/	<=33	Pass
		Inner_Full	22.59	/	/	24.59	/	/	<=33	Pass
		Inner_1RB_Left	22.10	/	/	24.10	/	/	<=33	Pass
		Inner_1RB_Right	22.41	/	/	24.41	/	/	<=33	Pass
	1897.5	Outer_Full	21.62	/	/	23.62	/	/	<=33	Pass
		Inner_Full	22.73	/	/	24.73	/	/	<=33	Pass
		Inner_1RB_Left	22.19	/	/	24.19	/	/	<=33	Pass
		Inner_1RB_Right	22.34	/	/	24.34	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1867.5	Outer_Full	20.85	/	/	22.85	/	/	<=33	Pass
		Inner_Full	20.92	/	/	22.92	/	/	<=33	Pass
		Inner_1RB_Left	20.44	/	/	22.44	/	/	<=33	Pass
		Inner_1RB_Right	20.84	/	/	22.84	/	/	<=33	Pass
	1882.5	Outer_Full	20.99	/	/	22.99	/	/	<=33	Pass
		Inner_Full	21.01	/	/	23.01	/	/	<=33	Pass
		Inner_1RB_Left	20.54	/	/	22.54	/	/	<=33	Pass
		Inner_1RB_Right	21.05	/	/	23.05	/	/	<=33	Pass
	1897.5	Outer_Full	21.07	/	/	23.07	/	/	<=33	Pass
		Inner_Full	21.12	/	/	23.12	/	/	<=33	Pass
		Inner_1RB_Left	20.68	/	/	22.68	/	/	<=33	Pass
		Inner_1RB_Right	21.00	/	/	23.00	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1867.5	Outer_Full	18.79	/	/	20.79	/	/	<=33	Pass
		Inner_Full	18.93	/	/	20.93	/	/	<=33	Pass

		Inner_1RB_Left	18.93	/	/	20.93	/	/	<=33	Pass	
		Inner_1RB_Right	19.28	/	/	21.28	/	/	<=33	Pass	
	1882.5	Outer_Full	18.93	/	/	20.93	/	/	<=33	Pass	
		Inner_Full	18.97	/	/	20.97	/	/	<=33	Pass	
		Inner_1RB_Left	19.00	/	/	21.00	/	/	<=33	Pass	
		Inner_1RB_Right	19.38	/	/	21.38	/	/	<=33	Pass	
	1897.5	Outer_Full	19.05	/	/	21.05	/	/	<=33	Pass	
		Inner_Full	19.08	/	/	21.08	/	/	<=33	Pass	
		Inner_1RB_Left	19.19	/	/	21.19	/	/	<=33	Pass	
		Inner_1RB_Right	19.34	/	/	21.34	/	/	<=33	Pass	
	CP-OFDM QPSK	1867.5	Outer_Full	20.35	/	/	22.35	/	/	<=33	Pass
			Inner_Full	21.95	/	/	23.95	/	/	<=33	Pass
Inner_1RB_Left			21.65	/	/	23.65	/	/	<=33	Pass	
Inner_1RB_Right			21.98	/	/	23.98	/	/	<=33	Pass	
1882.5		Outer_Full	20.38	/	/	22.38	/	/	<=33	Pass	
		Inner_Full	22.03	/	/	24.03	/	/	<=33	Pass	
		Inner_1RB_Left	21.68	/	/	23.68	/	/	<=33	Pass	
		Inner_1RB_Right	21.98	/	/	23.98	/	/	<=33	Pass	
1897.5		Outer_Full	20.52	/	/	22.52	/	/	<=33	Pass	
		Inner_Full	22.13	/	/	24.13	/	/	<=33	Pass	
		Inner_1RB_Left	21.86	/	/	23.86	/	/	<=33	Pass	
		Inner_1RB_Right	21.80	/	/	23.80	/	/	<=33	Pass	
CP-OFDM 16 QAM	1867.5	Outer_Full	20.36	/	/	22.36	/	/	<=33	Pass	
		Inner_Full	21.36	/	/	23.36	/	/	<=33	Pass	
		Inner_1RB_Left	21.22	/	/	23.22	/	/	<=33	Pass	
		Inner_1RB_Right	21.51	/	/	23.51	/	/	<=33	Pass	
	1882.5	Outer_Full	20.48	/	/	22.48	/	/	<=33	Pass	
		Inner_Full	21.48	/	/	23.48	/	/	<=33	Pass	
		Inner_1RB_Left	21.26	/	/	23.26	/	/	<=33	Pass	
		Inner_1RB_Right	21.53	/	/	23.53	/	/	<=33	Pass	
	1897.5	Outer_Full	20.62	/	/	22.62	/	/	<=33	Pass	
		Inner_Full	21.57	/	/	23.57	/	/	<=33	Pass	
		Inner_1RB_Left	21.38	/	/	23.38	/	/	<=33	Pass	
		Inner_1RB_Right	21.68	/	/	23.68	/	/	<=33	Pass	
CP-OFDM 64 QAM	1867.5	Outer_Full	19.91	/	/	21.91	/	/	<=33	Pass	
		Inner_Full	19.87	/	/	21.87	/	/	<=33	Pass	
		Inner_1RB_Left	19.64	/	/	21.64	/	/	<=33	Pass	
		Inner_1RB_Right	19.96	/	/	21.96	/	/	<=33	Pass	
	1882.5	Outer_Full	19.98	/	/	21.98	/	/	<=33	Pass	
		Inner_Full	19.97	/	/	21.97	/	/	<=33	Pass	
		Inner_1RB_Left	19.83	/	/	21.83	/	/	<=33	Pass	
		Inner_1RB_Right	20.14	/	/	22.14	/	/	<=33	Pass	
	1897.5	Outer_Full	20.01	/	/	22.01	/	/	<=33	Pass	
		Inner_Full	20.10	/	/	22.10	/	/	<=33	Pass	
		Inner_1RB_Left	19.80	/	/	21.80	/	/	<=33	Pass	
		Inner_1RB_Right	20.00	/	/	22.00	/	/	<=33	Pass	
CP-OFDM 256 QAM	1867.5	Outer_Full	16.84	/	/	18.84	/	/	<=33	Pass	
		Inner_Full	16.89	/	/	18.89	/	/	<=33	Pass	
		Inner_1RB_Left	17.04	/	/	19.04	/	/	<=33	Pass	
		Inner_1RB_Right	17.42	/	/	19.42	/	/	<=33	Pass	
	1882.5	Outer_Full	16.91	/	/	18.91	/	/	<=33	Pass	
		Inner_Full	17.01	/	/	19.01	/	/	<=33	Pass	
		Inner_1RB_Left	17.14	/	/	19.14	/	/	<=33	Pass	
		Inner_1RB_Right	17.44	/	/	19.44	/	/	<=33	Pass	
	1897.5	Outer_Full	17.00	/	/	19.00	/	/	<=33	Pass	
		Inner_Full	17.13	/	/	19.13	/	/	<=33	Pass	
		Inner_1RB_Left	17.28	/	/	19.28	/	/	<=33	Pass	
		Inner_1RB_Right	17.49	/	/	19.49	/	/	<=33	Pass	
Note1: Antenna Gain: Ant1: 2.00dBi: Ant2: 2.00dBi:											

Note2: EIRP=Conducted Power+Antenna Gain

1.1.8 15k_SISO_40MHz_NTNV_EIRP

5G NR n25 SCS=15kHz SISO 40MHz 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	1870	Outer_Full	23.00	/	/	25.00	/	/	<=33	Pass
		Inner_Full	23.07	/	/	25.07	/	/	<=33	Pass
		Inner_1RB_Left	22.78	/	/	24.78	/	/	<=33	Pass
		Inner_1RB_Right	23.12	/	/	25.12	/	/	<=33	Pass
	1882.5	Outer_Full	22.93	/	/	24.93	/	/	<=33	Pass
		Inner_Full	23.35	/	/	25.35	/	/	<=33	Pass
		Inner_1RB_Left	22.98	/	/	24.98	/	/	<=33	Pass
		Inner_1RB_Right	23.41	/	/	25.41	/	/	<=33	Pass
	1895	Outer_Full	22.91	/	/	24.91	/	/	<=33	Pass
		Inner_Full	23.44	/	/	25.44	/	/	<=33	Pass
		Inner_1RB_Left	23.27	/	/	25.27	/	/	<=33	Pass
		Inner_1RB_Right	23.31	/	/	25.31	/	/	<=33	Pass
DFT-s-OFDM QPSK	1870	Outer_Full	22.25	/	/	24.25	/	/	<=33	Pass
		Inner_Full	23.06	/	/	25.06	/	/	<=33	Pass
		Inner_1RB_Left	22.64	/	/	24.64	/	/	<=33	Pass
		Inner_1RB_Right	23.10	/	/	25.10	/	/	<=33	Pass
	1882.5	Outer_Full	22.44	/	/	24.44	/	/	<=33	Pass
		Inner_Full	23.29	/	/	25.29	/	/	<=33	Pass
		Inner_1RB_Left	23.01	/	/	25.01	/	/	<=33	Pass
		Inner_1RB_Right	23.37	/	/	25.37	/	/	<=33	Pass
	1895	Outer_Full	22.50	/	/	24.50	/	/	<=33	Pass
		Inner_Full	23.48	/	/	25.48	/	/	<=33	Pass
		Inner_1RB_Left	23.27	/	/	25.27	/	/	<=33	Pass
		Inner_1RB_Right	23.50	/	/	25.50	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	1870	Outer_Full	21.23	/	/	23.23	/	/	<=33	Pass
		Inner_Full	22.31	/	/	24.31	/	/	<=33	Pass
		Inner_1RB_Left	21.84	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Right	22.20	/	/	24.20	/	/	<=33	Pass
	1882.5	Outer_Full	21.44	/	/	23.44	/	/	<=33	Pass
		Inner_Full	22.36	/	/	24.36	/	/	<=33	Pass
		Inner_1RB_Left	21.92	/	/	23.92	/	/	<=33	Pass
		Inner_1RB_Right	22.38	/	/	24.38	/	/	<=33	Pass
	1895	Outer_Full	21.57	/	/	23.57	/	/	<=33	Pass
		Inner_Full	22.66	/	/	24.66	/	/	<=33	Pass
		Inner_1RB_Left	22.10	/	/	24.10	/	/	<=33	Pass
		Inner_1RB_Right	22.42	/	/	24.42	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	1870	Outer_Full	20.78	/	/	22.78	/	/	<=33	Pass
		Inner_Full	20.84	/	/	22.84	/	/	<=33	Pass
		Inner_1RB_Left	20.34	/	/	22.34	/	/	<=33	Pass
		Inner_1RB_Right	20.62	/	/	22.62	/	/	<=33	Pass
	1882.5	Outer_Full	20.91	/	/	22.91	/	/	<=33	Pass
		Inner_Full	20.95	/	/	22.95	/	/	<=33	Pass
		Inner_1RB_Left	20.50	/	/	22.50	/	/	<=33	Pass
		Inner_1RB_Right	20.92	/	/	22.92	/	/	<=33	Pass
	1895	Outer_Full	21.03	/	/	23.03	/	/	<=33	Pass
		Inner_Full	21.09	/	/	23.09	/	/	<=33	Pass
		Inner_1RB_Left	20.65	/	/	22.65	/	/	<=33	Pass
		Inner_1RB_Right	21.04	/	/	23.04	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	1870	Outer_Full	18.78	/	/	20.78	/	/	<=33	Pass
		Inner_Full	18.78	/	/	20.78	/	/	<=33	Pass

		Inner 1RB Left	18.84	/	/	20.84	/	/	<=33	Pass
		Inner 1RB Right	19.17	/	/	21.17	/	/	<=33	Pass
	1882.5	Outer Full	18.93	/	/	20.93	/	/	<=33	Pass
		Inner Full	18.94	/	/	20.94	/	/	<=33	Pass
		Inner 1RB Left	18.96	/	/	20.96	/	/	<=33	Pass
		Inner 1RB Right	19.32	/	/	21.32	/	/	<=33	Pass
	1895	Outer Full	19.05	/	/	21.05	/	/	<=33	Pass
		Inner Full	19.12	/	/	21.12	/	/	<=33	Pass
		Inner 1RB Left	19.07	/	/	21.07	/	/	<=33	Pass
		Inner 1RB Right	19.35	/	/	21.35	/	/	<=33	Pass
CP-OFDM QPSK	1870	Outer Full	20.34	/	/	22.34	/	/	<=33	Pass
		Inner Full	21.85	/	/	23.85	/	/	<=33	Pass
		Inner 1RB Left	21.65	/	/	23.65	/	/	<=33	Pass
		Inner 1RB Right	22.03	/	/	24.03	/	/	<=33	Pass
	1882.5	Outer Full	20.42	/	/	22.42	/	/	<=33	Pass
		Inner Full	22.00	/	/	24.00	/	/	<=33	Pass
		Inner 1RB Left	21.64	/	/	23.64	/	/	<=33	Pass
		Inner 1RB Right	22.09	/	/	24.09	/	/	<=33	Pass
	1895	Outer Full	20.49	/	/	22.49	/	/	<=33	Pass
		Inner Full	22.05	/	/	24.05	/	/	<=33	Pass
		Inner 1RB Left	21.80	/	/	23.80	/	/	<=33	Pass
		Inner 1RB Right	21.93	/	/	23.93	/	/	<=33	Pass
CP-OFDM 16 QAM	1870	Outer Full	20.40	/	/	22.40	/	/	<=33	Pass
		Inner Full	21.37	/	/	23.37	/	/	<=33	Pass
		Inner 1RB Left	21.15	/	/	23.15	/	/	<=33	Pass
		Inner 1RB Right	21.42	/	/	23.42	/	/	<=33	Pass
	1882.5	Outer Full	20.37	/	/	22.37	/	/	<=33	Pass
		Inner Full	21.44	/	/	23.44	/	/	<=33	Pass
		Inner 1RB Left	21.17	/	/	23.17	/	/	<=33	Pass
		Inner 1RB Right	21.66	/	/	23.66	/	/	<=33	Pass
	1895	Outer Full	20.49	/	/	22.49	/	/	<=33	Pass
		Inner Full	21.60	/	/	23.60	/	/	<=33	Pass
		Inner 1RB Left	21.31	/	/	23.31	/	/	<=33	Pass
		Inner 1RB Right	21.64	/	/	23.64	/	/	<=33	Pass
CP-OFDM 64 QAM	1870	Outer Full	19.81	/	/	21.81	/	/	<=33	Pass
		Inner Full	19.84	/	/	21.84	/	/	<=33	Pass
		Inner 1RB Left	19.65	/	/	21.65	/	/	<=33	Pass
		Inner 1RB Right	19.97	/	/	21.97	/	/	<=33	Pass
	1882.5	Outer Full	19.89	/	/	21.89	/	/	<=33	Pass
		Inner Full	19.93	/	/	21.93	/	/	<=33	Pass
		Inner 1RB Left	19.62	/	/	21.62	/	/	<=33	Pass
		Inner 1RB Right	20.15	/	/	22.15	/	/	<=33	Pass
	1895	Outer Full	19.96	/	/	21.96	/	/	<=33	Pass
		Inner Full	20.03	/	/	22.03	/	/	<=33	Pass
		Inner 1RB Left	19.75	/	/	21.75	/	/	<=33	Pass
		Inner 1RB Right	20.06	/	/	22.06	/	/	<=33	Pass
CP-OFDM 256 QAM	1870	Outer Full	16.85	/	/	18.85	/	/	<=33	Pass
		Inner Full	16.85	/	/	18.85	/	/	<=33	Pass
		Inner 1RB Left	17.06	/	/	19.06	/	/	<=33	Pass
		Inner 1RB Right	17.33	/	/	19.33	/	/	<=33	Pass
	1882.5	Outer Full	16.99	/	/	18.99	/	/	<=33	Pass
		Inner Full	16.92	/	/	18.92	/	/	<=33	Pass
		Inner 1RB Left	17.06	/	/	19.06	/	/	<=33	Pass
		Inner 1RB Right	17.49	/	/	19.49	/	/	<=33	Pass
	1895	Outer Full	17.03	/	/	19.03	/	/	<=33	Pass
		Inner Full	17.07	/	/	19.07	/	/	<=33	Pass
		Inner 1RB Left	17.21	/	/	19.21	/	/	<=33	Pass
		Inner 1RB Right	17.53	/	/	19.53	/	/	<=33	Pass

Note1: Antenna Gain: Ant1: 2.00dBi; Ant2: 2.00dBi;

Note2: EIRP=Conducted Power+Antenna Gain

1.1.9 15k_MIMO_5MHz_NTNV_EIRP

5G NR n25 SCS=15kHz MIMO 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	1852.5	Outer_Full	19.96	19.85	22.91	21.96	21.85	24.92	<=33	Pass
		Inner_Full	20.56	20.45	23.51	22.56	22.45	25.52	<=33	Pass
		Inner_1RB_Left	20.51	20.41	23.47	22.51	22.41	25.47	<=33	Pass
		Inner_1RB_Right	20.52	20.39	23.47	22.52	22.39	25.47	<=33	Pass
	1882.5	Outer_Full	20.07	20.09	23.09	22.07	22.09	25.09	<=33	Pass
		Inner_Full	20.61	20.63	23.63	22.61	22.63	25.63	<=33	Pass
		Inner_1RB_Left	20.56	20.58	23.58	22.56	22.58	25.58	<=33	Pass
		Inner_1RB_Right	20.55	20.57	23.57	22.55	22.57	25.57	<=33	Pass
	1912.5	Outer_Full	19.98	20.14	23.07	21.98	22.14	25.07	<=33	Pass
		Inner_Full	20.53	20.69	23.62	22.53	22.69	25.62	<=33	Pass
		Inner_1RB_Left	20.51	20.66	23.59	22.51	22.66	25.60	<=33	Pass
		Inner_1RB_Right	20.50	20.67	23.60	22.50	22.67	25.60	<=33	Pass
DFT-s-OFDM QPSK	1852.5	Outer_Full	19.49	19.38	22.44	21.49	21.38	24.45	<=33	Pass
		Inner_Full	20.54	20.42	23.49	22.54	22.42	25.49	<=33	Pass
		Inner_1RB_Left	20.44	20.33	23.40	22.44	22.33	25.40	<=33	Pass
		Inner_1RB_Right	20.51	20.38	23.46	22.51	22.38	25.46	<=33	Pass
	1882.5	Outer_Full	19.53	19.56	22.56	21.53	21.56	24.56	<=33	Pass
		Inner_Full	20.66	20.68	23.68	22.66	22.68	25.68	<=33	Pass
		Inner_1RB_Left	20.49	20.51	23.51	22.49	22.51	25.51	<=33	Pass
		Inner_1RB_Right	20.53	20.56	23.55	22.53	22.56	25.56	<=33	Pass
	1912.5	Outer_Full	19.54	19.70	22.63	21.54	21.70	24.63	<=33	Pass
		Inner_Full	20.59	20.75	23.68	22.59	22.75	25.68	<=33	Pass
		Inner_1RB_Left	20.44	20.59	23.53	22.44	22.59	25.53	<=33	Pass
		Inner_1RB_Right	20.48	20.64	23.57	22.48	22.64	25.57	<=33	Pass
DFT-s-OFDM 16 QAM	1852.5	Outer_Full	18.56	18.45	21.52	20.56	20.45	23.52	<=33	Pass
		Inner_Full	19.59	19.47	22.54	21.59	21.47	24.54	<=33	Pass
		Inner_1RB_Left	19.29	19.19	22.25	21.29	21.19	24.25	<=33	Pass
		Inner_1RB_Right	19.37	19.24	22.31	21.37	21.24	24.32	<=33	Pass
	1882.5	Outer_Full	18.62	18.64	21.64	20.62	20.64	23.64	<=33	Pass
		Inner_Full	19.59	19.61	22.61	21.59	21.61	24.61	<=33	Pass
		Inner_1RB_Left	19.34	19.36	22.36	21.34	21.36	24.36	<=33	Pass
		Inner_1RB_Right	19.39	19.41	22.41	21.39	21.41	24.41	<=33	Pass
	1912.5	Outer_Full	18.57	18.73	21.66	20.57	20.73	23.66	<=33	Pass
		Inner_Full	19.59	19.75	22.68	21.59	21.75	24.68	<=33	Pass
		Inner_1RB_Left	19.39	19.55	22.48	21.39	21.55	24.48	<=33	Pass
		Inner_1RB_Right	19.38	19.54	22.47	21.38	21.54	24.47	<=33	Pass
DFT-s-OFDM 64 QAM	1852.5	Outer_Full	18.04	17.93	21.00	20.04	19.93	23.00	<=33	Pass
		Inner_Full	18.02	17.91	20.98	20.02	19.91	22.98	<=33	Pass
		Inner_1RB_Left	17.89	17.79	20.85	19.89	19.79	22.85	<=33	Pass
		Inner_1RB_Right	17.93	17.81	20.88	19.93	19.81	22.88	<=33	Pass
	1882.5	Outer_Full	18.05	18.08	21.08	20.05	20.08	23.08	<=33	Pass
		Inner_Full	18.08	18.10	21.10	20.08	20.10	23.10	<=33	Pass
		Inner_1RB_Left	17.87	17.89	20.89	19.87	19.89	22.89	<=33	Pass
		Inner_1RB_Right	18.21	18.23	21.23	20.21	20.23	23.23	<=33	Pass
	1912.5	Outer_Full	18.05	18.21	21.14	20.05	20.21	23.14	<=33	Pass
		Inner_Full	18.00	18.17	21.10	20.00	20.17	23.10	<=33	Pass
		Inner_1RB_Left	18.19	18.35	21.28	20.19	20.35	23.28	<=33	Pass
		Inner_1RB_Right	17.87	18.04	20.97	19.87	20.04	22.97	<=33	Pass
DFT-s-OFDM 256 QAM	1852.5	Outer_Full	16.05	15.93	19.00	18.05	17.93	21.00	<=33	Pass
		Inner_Full	16.17	16.06	19.13	18.17	18.06	21.13	<=33	Pass

		Inner 1RB Left	16.29	16.19	19.25	18.29	18.19	21.25	<=33	Pass
		Inner 1RB Right	16.40	16.28	19.35	18.40	18.28	21.35	<=33	Pass
	1882.5	Outer Full	16.04	16.06	19.06	18.04	18.06	21.06	<=33	Pass
		Inner Full	16.26	16.28	19.28	18.26	18.28	21.28	<=33	Pass
		Inner 1RB Left	16.30	16.33	19.33	18.30	18.33	21.33	<=33	Pass
		Inner 1RB Right	16.34	16.36	19.36	18.34	18.36	21.36	<=33	Pass
	1912.5	Outer Full	16.08	16.25	19.18	18.08	18.25	21.18	<=33	Pass
		Inner Full	16.22	16.39	19.32	18.22	18.39	21.32	<=33	Pass
		Inner 1RB Left	16.29	16.45	19.38	18.29	18.45	21.38	<=33	Pass
		Inner 1RB Right	16.25	16.42	19.35	18.25	18.42	21.35	<=33	Pass
CP-OFDM QPSK	1852.5	Outer Full	17.48	17.37	20.44	19.48	19.37	22.44	<=33	Pass
		Inner Full	18.98	18.87	21.94	20.98	20.87	23.94	<=33	Pass
		Inner 1RB Left	19.01	18.91	21.97	21.01	20.91	23.97	<=33	Pass
		Inner 1RB Right	19.01	18.88	21.95	21.01	20.88	23.96	<=33	Pass
	1882.5	Outer Full	17.51	17.54	20.54	19.51	19.54	22.54	<=33	Pass
		Inner Full	19.06	19.08	22.08	21.06	21.08	24.08	<=33	Pass
		Inner 1RB Left	18.98	19.00	22.00	20.98	21.00	24.00	<=33	Pass
		Inner 1RB Right	19.05	19.07	22.07	21.05	21.07	24.07	<=33	Pass
	1912.5	Outer Full	17.52	17.68	20.61	19.52	19.68	22.61	<=33	Pass
		Inner Full	19.05	19.21	22.14	21.05	21.21	24.14	<=33	Pass
		Inner 1RB Left	19.06	19.22	22.15	21.06	21.22	24.15	<=33	Pass
		Inner 1RB Right	18.97	19.13	22.06	20.97	21.13	24.06	<=33	Pass
CP-OFDM 16 QAM	1852.5	Outer Full	17.50	17.39	20.46	19.50	19.39	22.46	<=33	Pass
		Inner Full	18.55	18.43	21.50	20.55	20.43	23.50	<=33	Pass
		Inner 1RB Left	18.34	18.23	21.30	20.34	20.23	23.30	<=33	Pass
		Inner 1RB Right	18.29	18.16	21.23	20.29	20.16	23.24	<=33	Pass
	1882.5	Outer Full	17.47	17.49	20.49	19.47	19.49	22.49	<=33	Pass
		Inner Full	18.55	18.57	21.57	20.55	20.57	23.57	<=33	Pass
		Inner 1RB Left	18.36	18.38	21.38	20.36	20.38	23.38	<=33	Pass
		Inner 1RB Right	18.38	18.40	21.40	20.38	20.40	23.40	<=33	Pass
	1912.5	Outer Full	17.52	17.69	20.62	19.52	19.69	22.62	<=33	Pass
		Inner Full	18.61	18.78	21.71	20.61	20.78	23.71	<=33	Pass
		Inner 1RB Left	18.40	18.55	21.49	20.40	20.55	23.49	<=33	Pass
		Inner 1RB Right	18.36	18.53	21.45	20.36	20.53	23.46	<=33	Pass
CP-OFDM 64 QAM	1852.5	Outer Full	17.02	16.91	19.97	19.02	18.91	21.98	<=33	Pass
		Inner Full	17.01	16.90	19.97	19.01	18.90	21.97	<=33	Pass
		Inner 1RB Left	16.89	16.79	19.85	18.89	18.79	21.85	<=33	Pass
		Inner 1RB Right	16.98	16.85	19.93	18.98	18.85	21.93	<=33	Pass
	1882.5	Outer Full	17.06	17.09	20.09	19.06	19.09	22.09	<=33	Pass
		Inner Full	17.06	17.09	20.09	19.06	19.09	22.09	<=33	Pass
		Inner 1RB Left	17.04	17.07	20.07	19.04	19.07	22.07	<=33	Pass
		Inner 1RB Right	17.06	17.09	20.09	19.06	19.09	22.09	<=33	Pass
	1912.5	Outer Full	17.08	17.25	20.17	19.08	19.25	22.18	<=33	Pass
		Inner Full	17.07	17.24	20.17	19.07	19.24	22.17	<=33	Pass
		Inner 1RB Left	17.04	17.20	20.13	19.04	19.20	22.13	<=33	Pass
		Inner 1RB Right	16.96	17.13	20.06	18.96	19.13	22.06	<=33	Pass
CP-OFDM 256 QAM	1852.5	Outer Full	13.92	13.81	16.88	15.92	15.81	18.88	<=33	Pass
		Inner Full	13.98	13.87	16.93	15.98	15.87	18.94	<=33	Pass
		Inner 1RB Left	14.24	14.14	17.20	16.24	16.14	19.20	<=33	Pass
		Inner 1RB Right	14.20	14.08	17.15	16.20	16.08	19.15	<=33	Pass
	1882.5	Outer Full	14.07	14.10	17.10	16.07	16.10	19.10	<=33	Pass
		Inner Full	14.07	14.09	17.09	16.07	16.09	19.09	<=33	Pass
		Inner 1RB Left	14.29	14.32	17.31	16.29	16.32	19.32	<=33	Pass
		Inner 1RB Right	14.31	14.34	17.34	16.31	16.34	19.34	<=33	Pass
	1912.5	Outer Full	14.03	14.20	17.13	16.03	16.20	19.13	<=33	Pass
		Inner Full	13.99	14.16	17.08	15.99	16.16	19.09	<=33	Pass
		Inner 1RB Left	14.31	14.47	17.40	16.31	16.47	19.40	<=33	Pass
		Inner 1RB Right	14.25	14.42	17.35	16.25	16.42	19.35	<=33	Pass

Note1: Antenna Gain: Ant1: 2.00dBi; Ant2: 2.00dBi;

Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.10 15k_MIMO_10MHz_NTNV_EIRP

5G NR n25 SCS=15kHz MIMO 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	1855	Outer_Full	19.97	19.84	22.92	21.97	21.84	24.92	<=33	Pass
		Inner_Full	20.61	20.48	23.55	22.61	22.48	25.56	<=33	Pass
		Inner_1RB_Left	20.55	20.44	23.50	22.55	22.44	25.51	<=33	Pass
		Inner_1RB_Right	20.63	20.49	23.57	22.63	22.49	25.57	<=33	Pass
	1882.5	Outer_Full	20.02	20.04	23.04	22.02	22.04	25.04	<=33	Pass
		Inner_Full	20.64	20.66	23.66	22.64	22.66	25.66	<=33	Pass
		Inner_1RB_Left	20.57	20.57	23.58	22.57	22.57	25.58	<=33	Pass
		Inner_1RB_Right	20.64	20.66	23.66	22.64	22.66	25.66	<=33	Pass
	1910	Outer_Full	19.96	20.10	23.04	21.96	22.10	25.04	<=33	Pass
		Inner_Full	20.58	20.72	23.66	22.58	22.72	25.66	<=33	Pass
		Inner_1RB_Left	20.49	20.61	23.56	22.49	22.61	25.56	<=33	Pass
		Inner_1RB_Right	20.57	20.73	23.66	22.57	22.73	25.66	<=33	Pass
DFT-s-OFDM QPSK	1855	Outer_Full	19.53	19.41	22.48	21.53	21.41	24.48	<=33	Pass
		Inner_Full	20.64	20.52	23.59	22.64	22.52	25.59	<=33	Pass
		Inner_1RB_Left	20.52	20.40	23.47	22.52	22.40	25.47	<=33	Pass
		Inner_1RB_Right	20.56	20.42	23.50	22.56	22.42	25.50	<=33	Pass
	1882.5	Outer_Full	19.53	19.55	22.55	21.53	21.55	24.55	<=33	Pass
		Inner_Full	20.62	20.64	23.64	22.62	22.64	25.64	<=33	Pass
		Inner_1RB_Left	20.55	20.56	23.57	22.55	22.56	25.57	<=33	Pass
		Inner_1RB_Right	20.62	20.64	23.64	22.62	22.64	25.64	<=33	Pass
	1910	Outer_Full	19.51	19.65	22.59	21.51	21.65	24.59	<=33	Pass
		Inner_Full	20.56	20.71	23.65	22.56	22.71	25.65	<=33	Pass
		Inner_1RB_Left	20.45	20.56	23.51	22.45	22.56	25.52	<=33	Pass
		Inner_1RB_Right	20.47	20.63	23.56	22.47	22.63	25.56	<=33	Pass
DFT-s-OFDM 16 QAM	1855	Outer_Full	18.54	18.41	21.48	20.54	20.41	23.49	<=33	Pass
		Inner_Full	19.65	19.53	22.60	21.65	21.53	24.60	<=33	Pass
		Inner_1RB_Left	19.54	19.43	22.49	21.54	21.43	24.50	<=33	Pass
		Inner_1RB_Right	19.44	19.31	22.39	21.44	21.31	24.39	<=33	Pass
	1882.5	Outer_Full	18.58	18.60	21.60	20.58	20.60	23.60	<=33	Pass
		Inner_Full	19.66	19.69	22.69	21.66	21.69	24.69	<=33	Pass
		Inner_1RB_Left	19.39	19.40	22.41	21.39	21.40	24.41	<=33	Pass
		Inner_1RB_Right	19.45	19.47	22.47	21.45	21.47	24.47	<=33	Pass
	1910	Outer_Full	18.52	18.66	21.60	20.52	20.66	23.60	<=33	Pass
		Inner_Full	19.63	19.77	22.71	21.63	21.77	24.71	<=33	Pass
		Inner_1RB_Left	19.31	19.43	22.38	21.31	21.43	24.38	<=33	Pass
		Inner_1RB_Right	19.34	19.50	22.44	21.34	21.50	24.43	<=33	Pass
DFT-s-OFDM 64 QAM	1855	Outer_Full	18.09	17.97	21.04	20.09	19.97	23.04	<=33	Pass
		Inner_Full	18.08	17.95	21.03	20.08	19.95	23.03	<=33	Pass
		Inner_1RB_Left	17.89	17.78	20.84	19.89	19.78	22.85	<=33	Pass
		Inner_1RB_Right	17.96	17.83	20.91	19.96	19.83	22.91	<=33	Pass
	1882.5	Outer_Full	18.12	18.14	21.14	20.12	20.14	23.14	<=33	Pass
		Inner_Full	18.09	18.11	21.11	20.09	20.11	23.11	<=33	Pass
		Inner_1RB_Left	17.90	17.91	20.92	19.90	19.91	22.92	<=33	Pass
		Inner_1RB_Right	18.00	18.02	21.02	20.00	20.02	23.02	<=33	Pass
	1910	Outer_Full	17.99	18.14	21.08	19.99	20.14	23.08	<=33	Pass
		Inner_Full	17.99	18.14	21.08	19.99	20.14	23.08	<=33	Pass
		Inner_1RB_Left	17.82	17.94	20.90	19.82	19.94	22.89	<=33	Pass
		Inner_1RB_Right	17.89	18.05	20.98	19.89	20.05	22.98	<=33	Pass
DFT-s-OFDM 256 QAM	1855	Outer_Full	16.11	15.98	19.05	18.11	17.98	21.06	<=33	Pass
		Inner_Full	16.07	15.94	19.01	18.07	17.94	21.02	<=33	Pass

		Inner 1RB Left	16.33	16.22	19.28	18.33	18.22	21.29	<=33	Pass
		Inner 1RB Right	16.36	16.23	19.30	18.36	18.23	21.31	<=33	Pass
	1882.5	Outer Full	16.14	16.16	19.16	18.14	18.16	21.16	<=33	Pass
		Inner Full	16.06	16.09	19.08	18.06	18.09	21.09	<=33	Pass
		Inner 1RB Left	16.31	16.32	19.32	18.31	18.32	21.33	<=33	Pass
		Inner 1RB Right	16.42	16.44	19.44	18.42	18.44	21.44	<=33	Pass
	1910	Outer Full	16.11	16.26	19.19	18.11	18.26	21.20	<=33	Pass
		Inner Full	16.04	16.19	19.12	18.04	18.19	21.13	<=33	Pass
		Inner 1RB Left	16.29	16.41	19.36	18.29	18.41	21.36	<=33	Pass
		Inner 1RB Right	16.25	16.41	19.34	18.25	18.41	21.34	<=33	Pass
CP-OFDM QPSK	1855	Outer Full	17.50	17.37	20.45	19.50	19.37	22.45	<=33	Pass
		Inner Full	19.09	18.96	22.04	21.09	20.96	24.04	<=33	Pass
		Inner 1RB Left	18.93	18.82	21.88	20.93	20.82	23.89	<=33	Pass
		Inner 1RB Right	18.99	18.85	21.93	20.99	20.85	23.93	<=33	Pass
	1882.5	Outer Full	17.48	17.50	20.50	19.48	19.50	22.50	<=33	Pass
		Inner Full	19.11	19.14	22.13	21.11	21.14	24.14	<=33	Pass
		Inner 1RB Left	19.12	19.13	22.13	21.12	21.13	24.14	<=33	Pass
		Inner 1RB Right	19.10	19.12	22.12	21.10	21.12	24.12	<=33	Pass
	1910	Outer Full	17.37	17.51	20.45	19.37	19.51	22.45	<=33	Pass
		Inner Full	19.04	19.18	22.12	21.04	21.18	24.12	<=33	Pass
		Inner 1RB Left	18.91	19.02	21.98	20.91	21.02	23.98	<=33	Pass
		Inner 1RB Right	18.87	19.03	21.96	20.87	21.03	23.96	<=33	Pass
CP-OFDM 16 QAM	1855	Outer Full	17.52	17.39	20.46	19.52	19.39	22.47	<=33	Pass
		Inner Full	18.57	18.44	21.52	20.57	20.44	23.52	<=33	Pass
		Inner 1RB Left	18.29	18.17	21.24	20.29	20.17	23.24	<=33	Pass
		Inner 1RB Right	18.44	18.31	21.39	20.44	20.31	23.39	<=33	Pass
	1882.5	Outer Full	17.57	17.59	20.59	19.57	19.59	22.59	<=33	Pass
		Inner Full	18.57	18.59	21.59	20.57	20.59	23.59	<=33	Pass
		Inner 1RB Left	18.34	18.35	21.35	20.34	20.35	23.36	<=33	Pass
		Inner 1RB Right	18.50	18.52	21.52	20.50	20.52	23.52	<=33	Pass
	1910	Outer Full	17.46	17.60	20.54	19.46	19.60	22.54	<=33	Pass
		Inner Full	18.51	18.66	21.60	20.51	20.66	23.60	<=33	Pass
		Inner 1RB Left	18.27	18.39	21.34	20.27	20.39	23.34	<=33	Pass
		Inner 1RB Right	18.42	18.58	21.51	20.42	20.58	23.51	<=33	Pass
CP-OFDM 64 QAM	1855	Outer Full	17.04	16.91	19.99	19.04	18.91	21.99	<=33	Pass
		Inner Full	17.05	16.93	20.00	19.05	18.93	22.00	<=33	Pass
		Inner 1RB Left	16.96	16.84	19.91	18.96	18.84	21.91	<=33	Pass
		Inner 1RB Right	17.01	16.88	19.95	19.01	18.88	21.96	<=33	Pass
	1882.5	Outer Full	17.12	17.14	20.14	19.12	19.14	22.14	<=33	Pass
		Inner Full	17.15	17.17	20.17	19.15	19.17	22.17	<=33	Pass
		Inner 1RB Left	17.07	17.08	20.08	19.07	19.08	22.09	<=33	Pass
		Inner 1RB Right	17.13	17.15	20.15	19.13	19.15	22.15	<=33	Pass
	1910	Outer Full	17.06	17.20	20.14	19.06	19.20	22.14	<=33	Pass
		Inner Full	17.02	17.17	20.11	19.02	19.17	22.11	<=33	Pass
		Inner 1RB Left	17.02	17.14	20.09	19.02	19.14	22.09	<=33	Pass
		Inner 1RB Right	17.09	17.25	20.18	19.09	19.25	22.18	<=33	Pass
CP-OFDM 256 QAM	1855	Outer Full	14.00	13.88	16.95	16.00	15.88	18.95	<=33	Pass
		Inner Full	14.11	13.99	17.06	16.11	15.99	19.06	<=33	Pass
		Inner 1RB Left	14.23	14.12	17.19	16.23	16.12	19.19	<=33	Pass
		Inner 1RB Right	14.36	14.23	17.31	16.36	16.23	19.31	<=33	Pass
	1882.5	Outer Full	14.06	14.08	17.08	16.06	16.08	19.08	<=33	Pass
		Inner Full	14.17	14.19	17.19	16.17	16.19	19.19	<=33	Pass
		Inner 1RB Left	14.28	14.29	17.29	16.28	16.29	19.30	<=33	Pass
		Inner 1RB Right	14.40	14.42	17.42	16.40	16.42	19.42	<=33	Pass
	1910	Outer Full	14.02	14.16	17.10	16.02	16.16	19.10	<=33	Pass
		Inner Full	14.06	14.21	17.15	16.06	16.21	19.15	<=33	Pass
		Inner 1RB Left	14.22	14.34	17.29	16.22	16.34	19.29	<=33	Pass
		Inner 1RB Right	14.01	14.17	17.10	16.01	16.17	19.10	<=33	Pass

Note1: Antenna Gain: Ant1: 2.00dBi; Ant2: 2.00dBi;