

Communication Network Interface, Inc., Model No. CNI-803D  
 FCC ID: N79CNI-803D

**Job No:** J20033456  
**Company:** CNI  
**Model:** CNI-803D  
**Engineer:** Xi-Ming Yang

**Radiated Power**  
**(Measured by Substitution Method)**

Frequency MHz	Antenna Polarization H/V	Spec. Anlzl Reading (EUT) dB(uV)	Spec. Anlzl Reading (Signal Gen & Tuned Dipole) dB(uV)	Signal Generator Output Power dBm	Effective Radiated Power (EUT) dBm
806	V	105.1	83.0	8.8	30.9
813	V	105.0	83.3	8.8	30.5
821	V	105.2	83.4	8.8	30.6

Test was performed at 3m distance  
 CDI Robert's Antenna was used

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**Spurious Emission Attenuation  
 (Measured by Substitution Method)**

Frequency MHz	Field Strength measured from EUT dB(uV/m)	Signal Generator Level required to generate same field as EUT; dBm	ERP dBm	Attenuation dB	Limit dB	Margin dB
806.0	128.9	-	30.9	-	-	-
1612.0	77.7	-31.6	-26.7	57.6	46.0	-11.6
2418.0	63.8	-43.7	-38.2	69.1	46.0	-23.1
3224.0	56.6	-48.1	-42.1	73.0	46.0	-27.0
4030.0	63.7	-40.1	-34.1	65.0	46.0	-19.0
4836.0	50.0	-55.3	-48.7	79.6	46.0	-33.6
5642.0	42.5	-63.0	-56.4	87.3	46.0	-41.3
6448.0	49.4	-56.4	-48.5	79.4	46.0	-33.4
7254.0	50.3	-54.9	-47.1	78.0	46.0	-32.0
8060.0	49.5	-57.3	-48.4	79.3	46.0	-33.3

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813.0	128.8	-	30.5	-	-	-
1626.0	77.4	-31.9	-27.0	57.5	46.0	-11.5
2439.0	64.9	-42.6	-37.1	67.6	46.0	-21.6
3252.0	52.9	-51.8	-45.8	76.3	46.0	-30.3
4065.0	62.5	-41.3	-35.3	65.8	46.0	-19.8
4878.0	47.5	-57.8	-51.2	81.7	46.0	-35.7
5691.0	42.5	-63.0	-56.4	86.9	46.0	-40.9
6504.0	47.6	-58.2	-50.3	80.8	46.0	-34.8
7317.0	50.3	-54.9	-47.1	77.6	46.0	-31.6
8130.0	49.5	-57.3	-48.4	78.9	46.0	-32.9

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Frequency MHz	Field Strength measured from EUT dB(uV/m)	Signal Generator Level required to generate same field as EUT; dBm	ERP dBm	Attenuation dB	Limit dB	Margin dB
821.0	129.1	-	30.6	-	-	-
1642.0	76.5	-32.8	-27.9	58.5	46.0	-12.5
2463.0	63.9	-43.6	-38.1	68.7	46.0	-22.7
3284.0	46.9	-57.8	-51.8	82.4	46.0	-36.4
4105.0	54.5	-49.3	-43.3	73.9	46.0	-27.9
4926.0	42.5	-62.8	-56.2	86.8	46.0	-40.8
5747.0	44.5	-61.0	-54.4	85.0	46.0	-39.0
6568.0	47.1	-58.7	-50.8	81.4	46.0	-35.4
7389.0	49.3	-55.9	-48.1	78.7	46.0	-32.7
8210.0	49.5	-57.3	-48.4	79.0	46.0	-33.0

Test was performed at 3m distance