

# **POWER SUPPLY LOAD TEST**

**MAKE:** ASTRON

**MODEL:** N2412-24

**DATE:** 30-Jan-11

**CONT. RATING:** 20A

**INT. RATING:** 24A

**SERIAL:** 206080293

**DC INPUT FUSE OR CB:** 20A

**DC OUTPUT FUSE OR CB:** NONE

**REMARKS:** DC-DC CONVERTER 28 VDC TO 14 VDC

<b>LOAD AMPS</b>	<b>OUTPUT VOLTS</b>	<b>OUTPUT WATTS</b>	<b>DC INPUT VOLTS</b>
<b>0.0</b>	14.00	0.0	28.22
<b>1.0</b>	13.97	14.0	28.22
<b>2.0</b>	13.94	27.9	28.22
<b>3.0</b>	13.91	41.7	28.21
<b>4.0</b>	13.89	55.6	28.21
<b>5.0</b>	13.86	69.3	28.20
<b>6.0</b>	13.83	83.0	28.19
<b>7.0</b>	13.81	96.7	28.19
<b>8.0</b>	13.78	110.2	28.18
<b>9.0</b>	13.75	123.8	28.17
<b>10.0</b>	13.72	137.2	28.17
<b>11.0</b>	13.70	150.7	28.16
<b>12.0</b>	13.67	164.0	28.16
<b>13.0</b>	13.64	177.3	28.15
<b>14.0</b>	13.62	190.7	28.15
<b>15.0</b>	13.59	203.9	28.14
<b>16.0</b>	13.57	217.1	28.14
<b>17.0</b>	13.54	230.2	28.13
<b>18.0</b>	13.52	243.4	28.13
<b>19.0</b>	13.50	256.5	28.12
<b>20.0</b>	13.47	269.4	28.11
<b>21.0</b>	13.46	282.7	28.11
<b>22.0</b>	13.44	295.7	28.10
<b>23.0</b>	13.42	308.7	28.11
<b>24.0</b>			28.22

**NOTE: OUTPUT VOLTAGE COLLAPSED AT 23.5 AMPERES LOAD.**