

## **POWER SUPPLY LOAD TEST**

**MAKE:** MOTOROLA      **MODEL:** HPN1007B      **DATE:** 17-Jun-12

**CONT. RATING:** 5A      **INT. RATING:** 10A      **SERIAL:** 9146

**AC MAINS FUSE:** 4A FB      **REMARKS:** SEE NOTES 1-4 BELOW

<b>LOAD AMPS</b>	<b>OUTPUT VOLTS</b>	<b>OUTPUT WATTS</b>	<b>AC INPUT VOLTS</b>	<b>AC INPUT AMPS</b>	<b>AC INPUT WATTS</b>	<b>AC INPUT VA</b>	<b>AC INPUT PF</b>	<b>OVERALL EFFICIENCY</b>
<b>0.0</b>	13.80	0.0	120.2	0.18	4	22	0.18	0%
<b>1.0</b>	13.79	13.8	120.2	0.37	31	44	0.70	44%
<b>2.0</b>	13.78	27.6	120.1	0.62	56	74	0.75	49%
<b>3.0</b>	13.76	41.3	120.1	0.86	82	103	0.79	50%
<b>4.0</b>	13.75	55.0	120.0	1.11	107	133	0.80	51%
<b>5.0</b>	13.74	68.7	119.9	1.34	131	161	0.82	52%
<b>6.0</b>	13.72	82.3	119.9	1.56	156	187	0.83	53%
<b>7.0</b>	13.71	96.0	119.9	1.78	181	213	0.85	53%
<b>8.0</b>	13.70	109.6	119.8	1.99	204	238	0.86	54%
<b>9.0</b>	13.68	123.1	119.7	2.20	228	263	0.87	54%
<b>10.0</b>	13.67	136.7	119.5	2.41	252	288	0.88	54%

**NOTE 1:** VOLTAGE COLLAPSED AT 10.65 AMPERES LOAD..

**NOTE 2:** THE HPN1007 SERIES REPLACED THE TPN1136A LOW-CAPACITY POWER SUPPLY.

**NOTE 3:** THE HPN1007 WAS FIRST MARKETED BY STEED MAGNETICS, LATER NEWMAR, THEN ROI DEVELOPMENT CORP.

**NOTE 4:** THE HPN1007 SERIES POWER SUPPLY HAS NO RELATIONSHIP TO ASTRON PRODUCTS.