



100 Davids Drive  
 Hauppauge, NY 11788  
 Tel: (631) 436-7400

Serial # 1341415  
 Model # NSP1800-NFG  
 Project #

Customer

Customer PO

Stock # 782G

Voltage (V) 110/220 V AC

Current (mA)

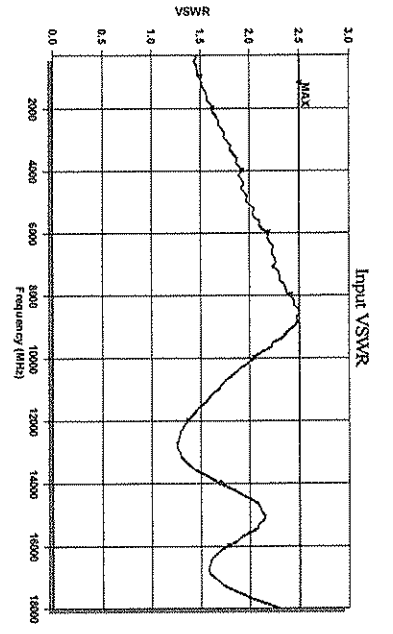
Temp (°C) 23

Tested By LP

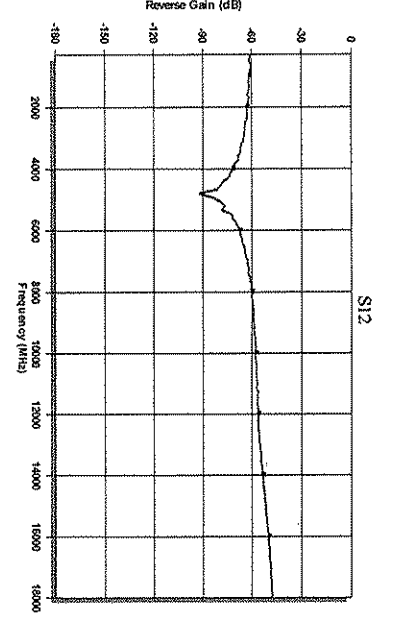
Comments  
 NOISE FIGURE INCREASES  
 BELOW 500 MHZ

Printed On: 11/20/2007 8:43:29 AM

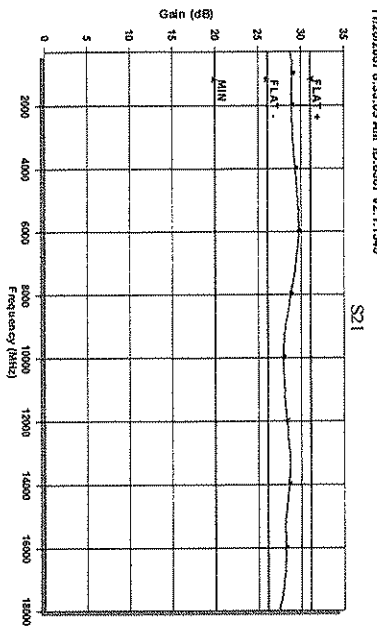
PASS  
 Final Test



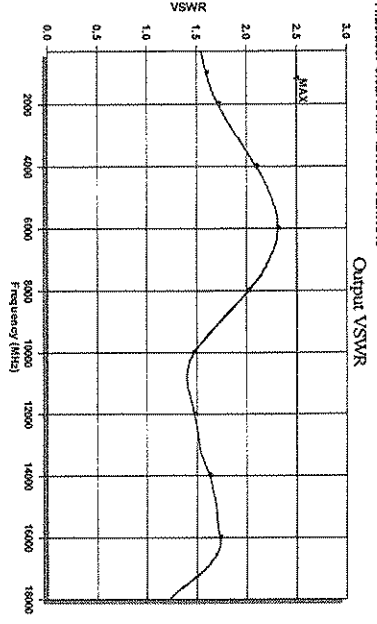
| Frequency (MHz) | VSWR  |
|-----------------|-------|
| 300             | 28.74 |
| 1000            | 28.96 |
| 2000            | 28.89 |
| 4000            | 29.32 |
| 6000            | 29.72 |
| 8000            | 28.78 |
| 10000           | 27.88 |
| 12000           | 28.31 |
| 14000           | 28.55 |
| 16000           | 28.15 |
| 18000           | 27.42 |
| MIN             | 27.42 |
| SPEC:           | 20.00 |
| FLAT±:          | 1.16  |
| SPEC:           | 2.50  |
| ID:6365         | PASS  |



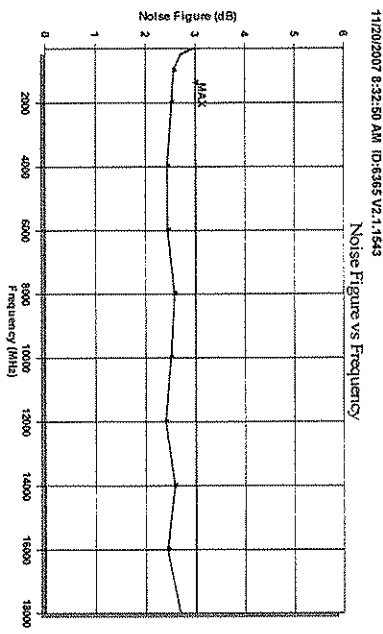
| Frequency (MHz) | Reverse Gain (dB) |
|-----------------|-------------------|
| 300             | 1.55              |
| 1000            | 1.60              |
| 2000            | 1.72              |
| 4000            | 2.09              |
| 6000            | 2.31              |
| 8000            | 2.02              |
| 10000           | 1.47              |
| 12000           | 1.47              |
| 14000           | 1.63              |
| 16000           | 1.73              |
| 18000           | 1.23              |
| MAX             | 2.31              |
| SPEC:           | 2.50              |
| ID:6366         | PASS              |



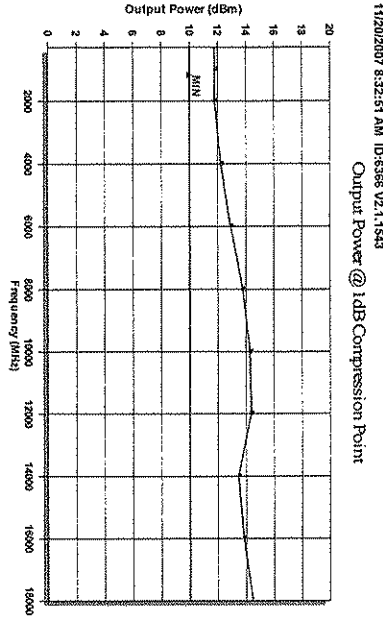
| Frequency (MHz) | Gain (dB) |
|-----------------|-----------|
| 300             | 2.96      |
| 1000            | 2.56      |
| 2000            | 2.52      |
| 4000            | 2.44      |
| 6000            | 2.44      |
| 8000            | 2.58      |
| 10000           | 2.50      |
| 12000           | 2.40      |
| 14000           | 2.58      |
| 16000           | 2.43      |
| 18000           | 2.69      |
| MAX             | 2.70      |
| SPEC:           | 3.00      |
| ID:6370         | PASS      |



| Frequency (MHz) | Output VSWR |
|-----------------|-------------|
| 300             | 11.77       |
| 1000            | 11.79       |
| 2000            | 11.77       |
| 4000            | 12.23       |
| 6000            | 12.90       |
| 8000            | 13.77       |
| 10000           | 14.28       |
| 12000           | 14.36       |
| 14000           | 13.45       |
| 16000           | 13.83       |
| 18000           | 14.48       |
| MIN             | 11.77       |
| SPEC:           | 10.00       |
| ID:6371         | PASS        |



| Frequency (MHz) | Noise Figure (dB) |
|-----------------|-------------------|
| 300             | 2.96              |
| 1000            | 2.56              |
| 2000            | 2.52              |
| 4000            | 2.44              |
| 6000            | 2.44              |
| 8000            | 2.58              |
| 10000           | 2.50              |
| 12000           | 2.40              |
| 14000           | 2.58              |
| 16000           | 2.43              |
| 18000           | 2.69              |
| MAX             | 2.70              |
| SPEC:           | 3.00              |
| ID:6370         | PASS              |



| Frequency (MHz) | Output Power (dBm) |
|-----------------|--------------------|
| 300             | 11.77              |
| 1000            | 11.79              |
| 2000            | 11.77              |
| 4000            | 12.23              |
| 6000            | 12.90              |
| 8000            | 13.77              |
| 10000           | 14.28              |
| 12000           | 14.36              |
| 14000           | 13.45              |
| 16000           | 13.83              |
| 18000           | 14.48              |
| MIN             | 11.77              |
| SPEC:           | 10.00              |
| ID:6371         | PASS               |