



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

**Serial #**  
1452925  
**Model #**  
NSP1200-NVG

**Project #**

**Customer**

**Customer PO**

**Stock #**  
W0075542

**Voltage (V)**  
110/220 VAC

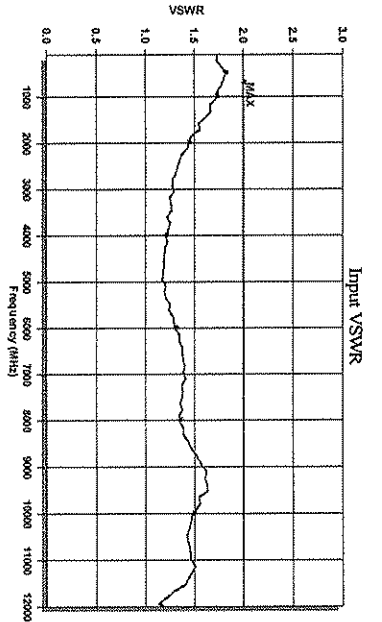
**Current (mA)**

**Temp (°C)**  
23

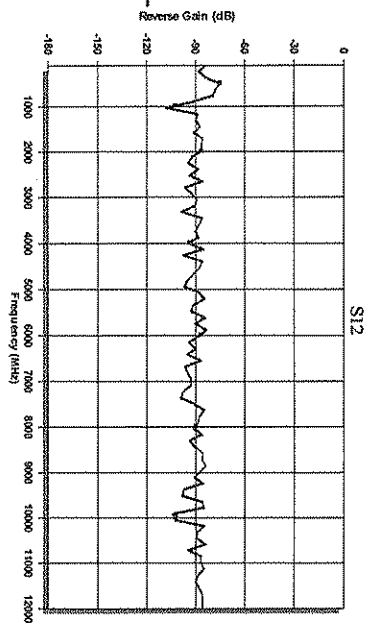
**Tested By**  
LP

**Comments**  
MAX POWER TO INPUT +13dBm.  
Noise figure increases below  
500MHz.

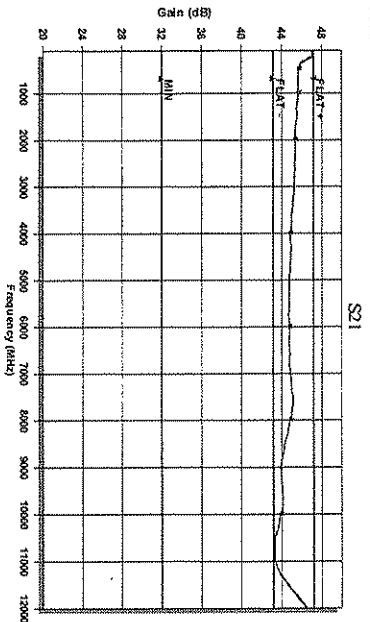
**PASS**  
**Final Test**



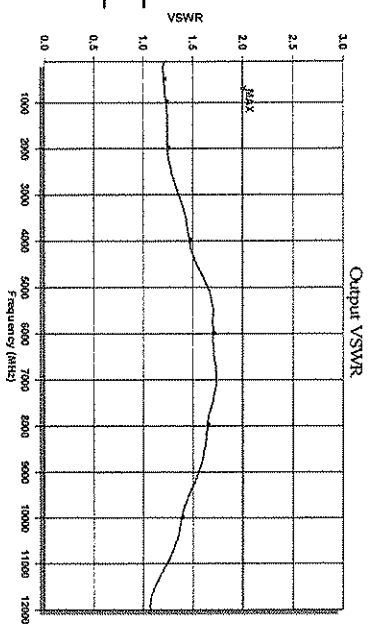
Frequency (MHz)	VSWR
100	1.73
500	1.82
1000	1.72
2000	1.44
4000	1.21
6000	1.31
8000	1.35
10000	1.49
12000	1.18
14000	1.82
16000	1.82
18000	1.82
20000	1.82



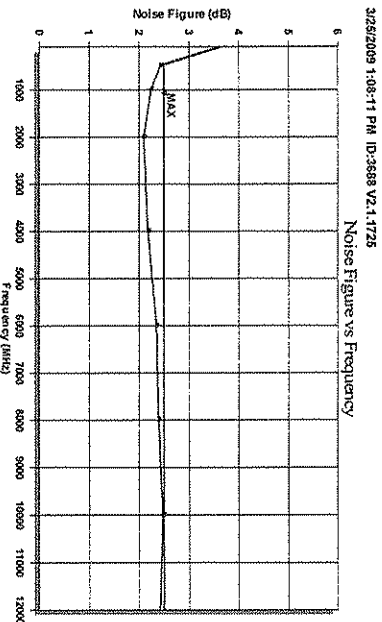
Frequency (MHz)	Reverse Gain (dB)
100	-83.75
500	-75.76
1000	-103.22
2000	-87.13
4000	-94.44
6000	-87.59
8000	-90.50
10000	-102.99
12000	-85.60
14000	-85.60
16000	-85.60
18000	-85.60
20000	-85.60



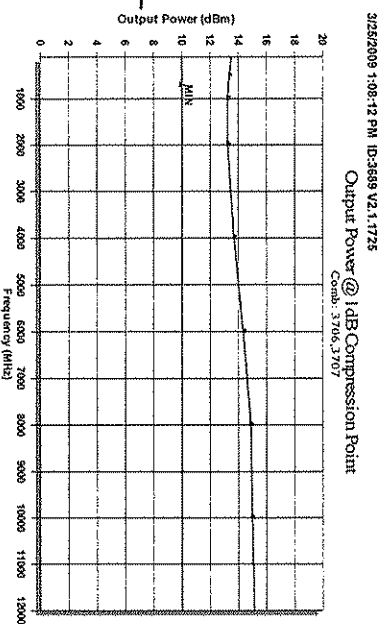
Frequency (MHz)	Gain (dB)
100	47.04
500	45.69
1000	45.66
2000	45.31
4000	44.84
6000	44.75
8000	44.84
10000	43.89
12000	46.40
14000	43.28
16000	43.28
18000	43.28
20000	43.28



Frequency (MHz)	Output VSWR
100	1.22
500	1.21
1000	1.23
2000	1.25
4000	1.47
6000	1.79
8000	1.65
10000	1.39
12000	1.07
14000	1.74
16000	1.74
18000	1.74
20000	1.74



Frequency (MHz)	Noise Figure (dB)
100	3.64
500	2.43
1000	2.24
2000	2.09
4000	2.18
6000	2.34
8000	2.39
10000	2.47
12000	2.42
14000	2.47
16000	2.47
18000	2.47
20000	2.47



Frequency (MHz)	Output Power (dBm)
100	13.52
500	13.35
1000	13.24
2000	13.24
4000	13.89
6000	14.35
8000	14.86
10000	14.96
12000	15.12
14000	15.24
16000	15.24
18000	15.24
20000	15.24