



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

**AFS4-02001800-35-20P-4**

**Specifications at +23 °C**

**Frequency Range**

2.0 to 18.0 GHz

**Gain**

32 dB min

**Gain Flatness**

±1.5 dB max

**Noise Figure**

3.5 dB max

**VSWR IN/OUT**

2.0 / 2.0 max

**P1dB**

20 dBm min

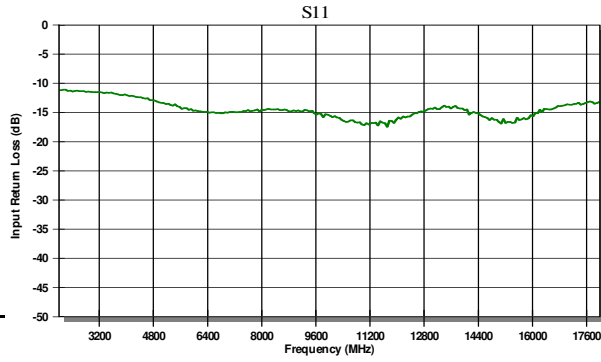
**DC Power**

15 VDC @ 275 mA

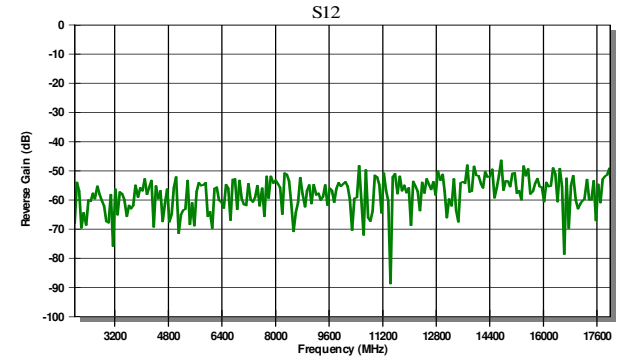
**Operating Temperature**

-54 to +85 °C

Created on:  
8/13/08 5:26 PM

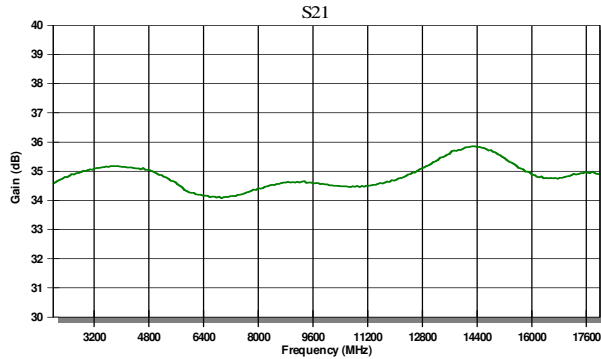


2000	-11.19
4000	-12.03
6000	-14.67
8000	-14.57
10000	-15.54
12000	-16.13
14000	-14.61
16000	-15.60
18000	-13.35
ID:12738	PASS



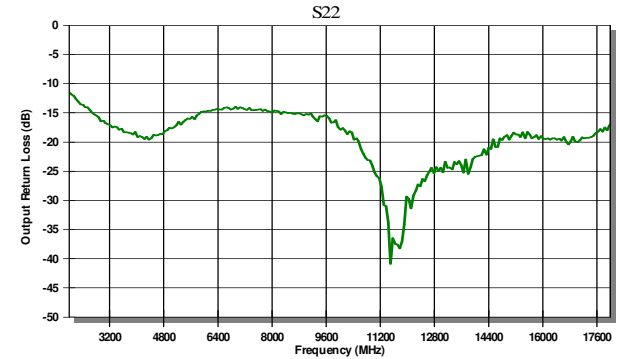
2000	-66.92
4000	-56.45
6000	-65.10
8000	-53.25
10000	-54.76
12000	-60.54
14000	-51.60
16000	-59.28
18000	-52.39
ID:12742	PASS

8/13/2008 3:52:11 PM ID:12738 V2.1.1647



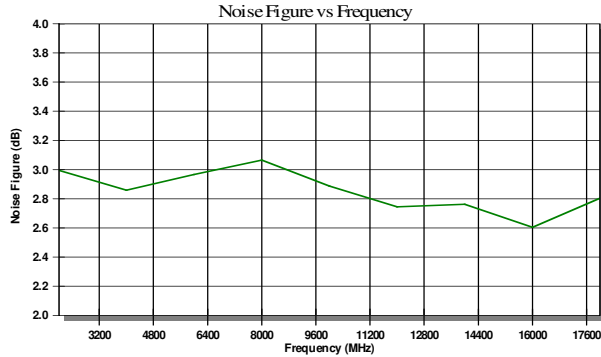
2000	34.58
4000	35.16
6000	34.27
8000	34.42
10000	34.54
12000	34.69
14000	35.78
16000	34.90
18000	34.89
ID:12740	PASS

8/13/2008 3:52:35 PM ID:12742 V2.1.1647



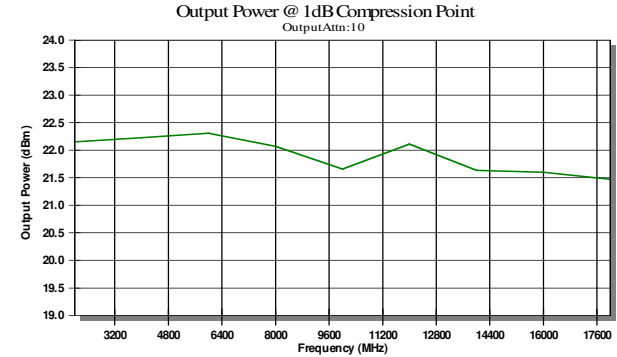
2000	-11.45
4000	-18.81
6000	-14.76
8000	-14.98
10000	-17.73
12000	-29.49
14000	-22.52
16000	-19.34
18000	-16.97
ID:12744	PASS

8/13/2008 3:52:22 PM ID:12740 V2.1.1647



2000	3.00
4000	2.86
6000	2.97
8000	3.07
10000	2.89
12000	2.75
14000	2.76
16000	2.60
18000	2.80
ID:12748	PASS

8/13/2008 3:52:47 PM ID:12744 V2.1.1647



2000	22.15
4000	22.23
6000	22.31
8000	22.07
10000	21.66
12000	22.11
14000	21.63
16000	21.60
18000	21.47
ID:12749	PASS

8/13/2008 3:54:56 PM ID:12748 V2.1.1647

8/13/2008 3:58:52 PM ID:12749 V2.1.1647

