



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

**MODEL**

**AFS2-00100100-15-25P-6**

**Frequency Range**

.10 to 1.0 GHz

**Gain**

25.0 dB, min

**Gain Flatness**

±2.0 dB, max

**Noise Figure**

1.5 dB, max

**VSWR IN/OUT**

2.0:1/2.0:1, max

**P1dB**

+25 dBm, min

**OIP3**

+35 dBm, typ

**DC Power**

+15 VDC @ 225 mA, typ

**Operating Temperature**

-54 to +85 °C

**Outline**

113384-6

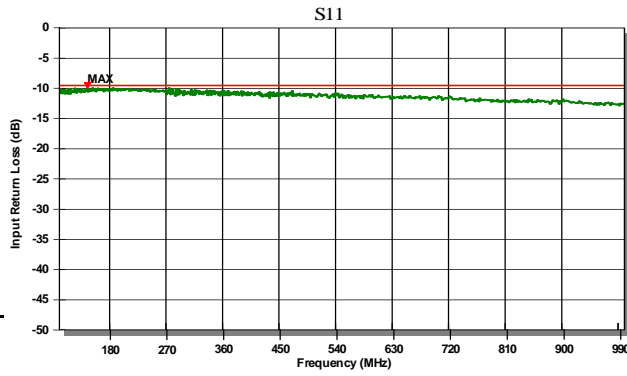
**Absolute Maximums**

RF Input: +13 dBm

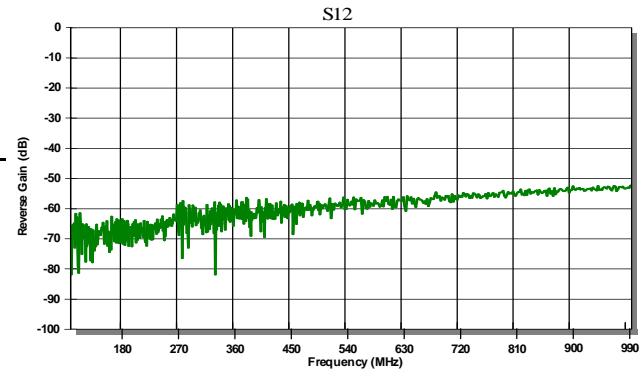
DC Input: +24 VDC

Created on:

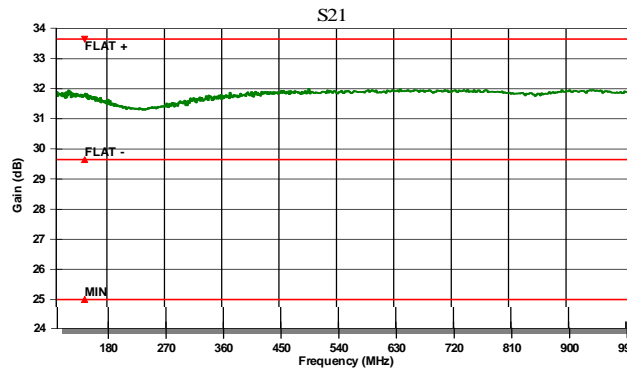
6/10/10 8:44 AM



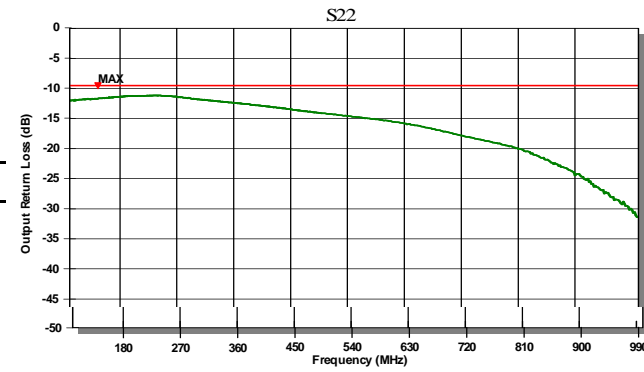
0	-10.07
0	-10.45
0	-11.53
0	-11.61
0	-12.16
00	-12.51
AX	-9.93
EC:	-9.54



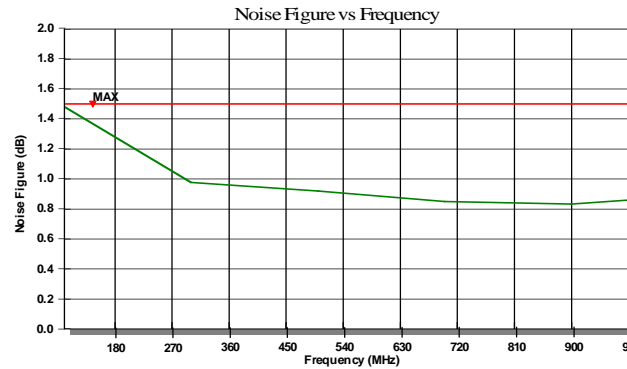
0	-71.88
0	-59.65
0	-61.99
0	-57.06
0	-54.71
00	-52.75



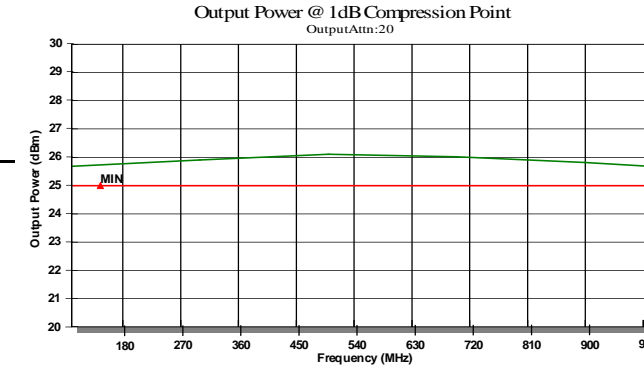
0	31.81
0	31.56
0	31.91
0	31.94
0	31.93
00	31.82
N	31.30
EC:	25.00
AT+/-	0.35
EC+/-	2.00



0	-12.05
0	-11.75
0	-14.12
0	-17.33
0	-24.44
0	-31.37
X	-11.15
EC:	-9.54



0	1.48
0	0.98
0	0.92
0	0.85
0	0.83
00	0.86
AX	1.48
EC:	1.50



0	25.68
0	25.91
0	26.10
0	26.02
0	25.81
00	25.68
AX	25.68
EC:	25.00