



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

AFS1-00100200-18-20P-4

Specifications at +23 °C

Frequency Range

.10 to 2.0 GHz

Gain

14.0 dB, min

Gain Flatness

±1.75 dB, max

Noise Figure

1.8 dB, max

VSWR IN/OUT

2.0:1/2.0:1, MAX

P1dB

+20 dBm, min

OIP3

+30 dBm, typ

DC Power

+15 VDC @ 175 mA, typ

Operating Temperature

-54 to +85 °C

Outline

113384-4

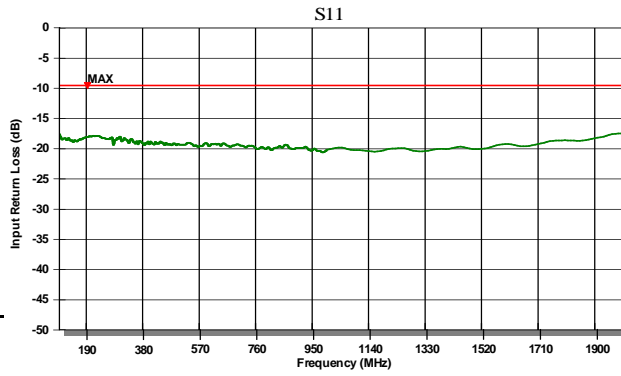
Absolute Maximums

RF Input: +13 dBm

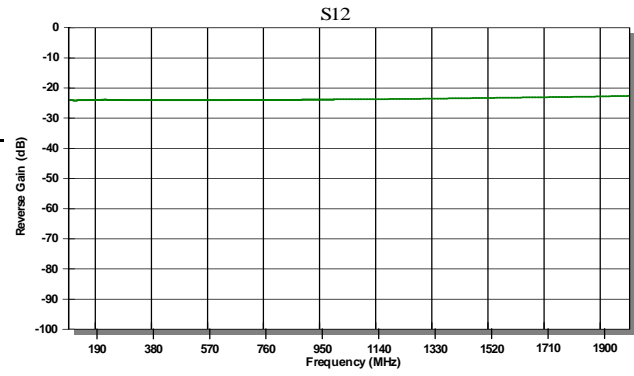
DC Input: +24 VDC

Created on:

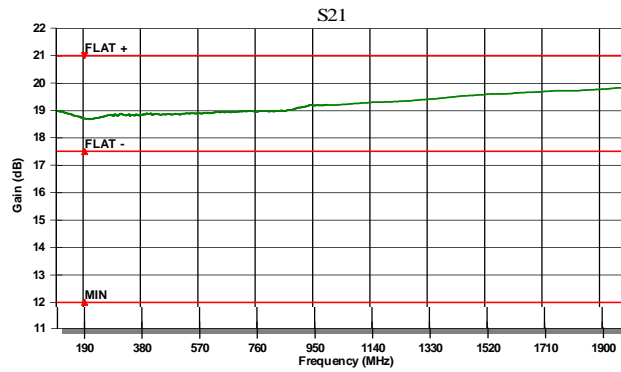
5/28/10 10:56 AM



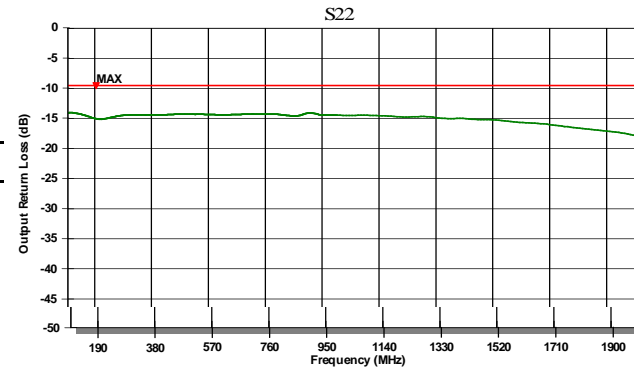
0	-17.58
0	-19.39
00	-20.23
00	-19.20
00	-17.43
AX	-17.43
PEC:	-9.54



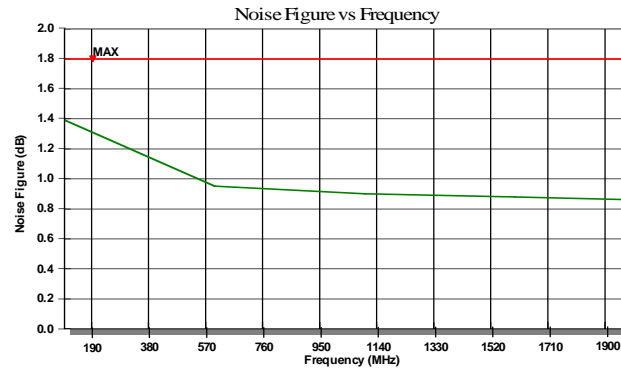
0	-24.06
0	-23.97
00	-23.70
00	-23.19
00	-22.60



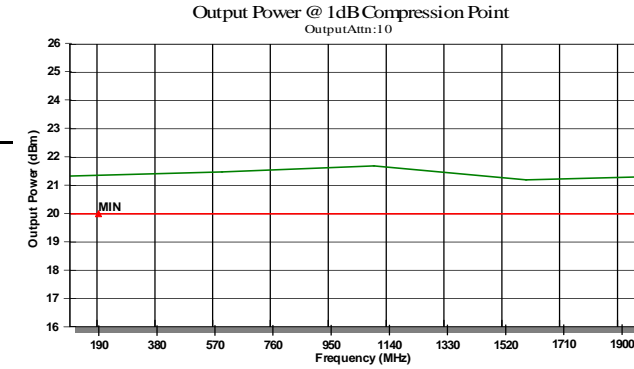
0	18.97
0	18.93
00	19.27
00	19.62
00	19.84
N	18.69
EC:	14.00
AT+/-	0.58
EC+/-	1.75



0	-14.06
0	-14.37
00	-14.47
00	-15.59
00	-17.85
X	-14.03
EC:	-9.54



0	1.39
0	0.95
00	0.90
00	0.88
00	0.86
AX	1.39
EC:	1.80



0	21.33
0	21.48
00	21.70
00	21.20
00	21.31
AX	21.20
EC:	20.00