



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

AFS2-00100200-10-12P-2

Specifications at +23 °C

Frequency Range

0.1 to 2.0 GHz

Gain

23 dB, min

Gain Flatness

±1.0 dB, max

Noise Figure

1.0 dB, max

VSWR IN/OUT

Z.O:1/Z.O:1, MAX

P1dB

+12 dBm, min

OIP3

+22 dBm, typ

DC Power

+15 VDC @ 100 mA, typ

Operating Temperature

-54 to +85 °C

Outline

113384-2

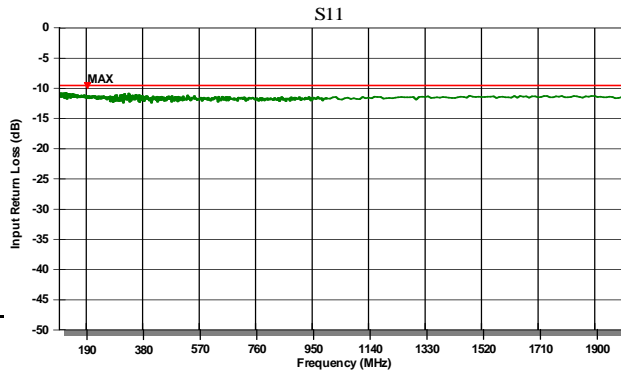
Absolute Maximums

RF Input: +13 dBm

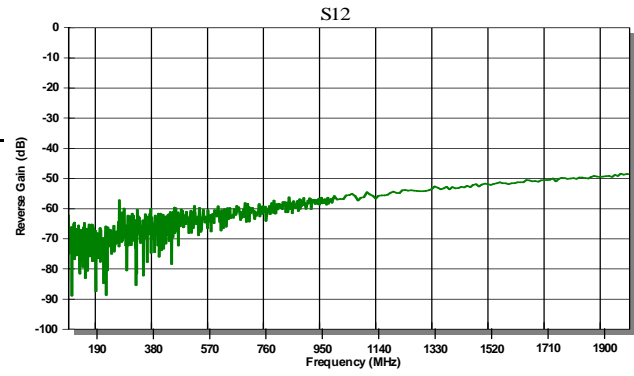
DC Input: +24 VDC

Created on:

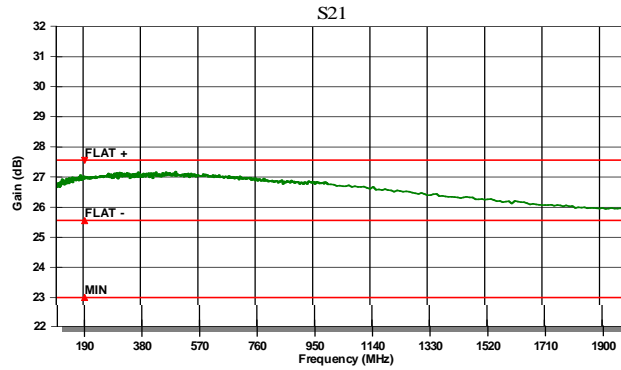
5/4/10 3:07 PM



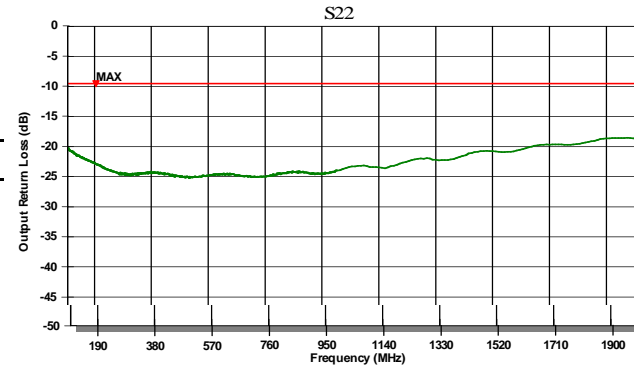
0	-10.72
0	-11.54
00	-11.73
00	-11.49
00	-11.48
AX	-10.72
PEC:	-9.54



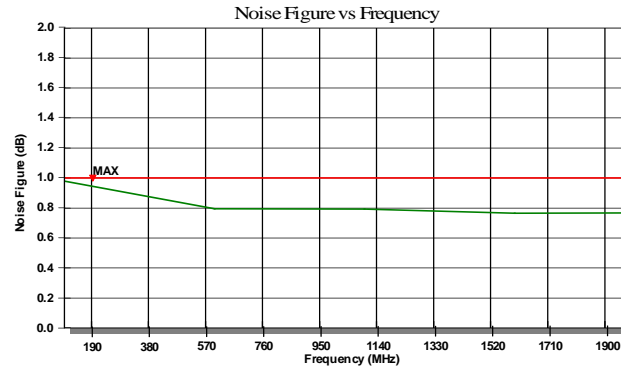
0	-66.28
0	-61.12
00	-56.20
00	-51.59
00	-48.64



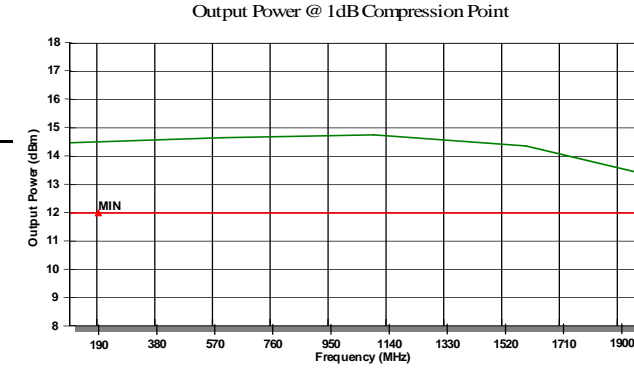
0	26.72
0	27.06
00	26.67
00	26.20
00	25.94
N	25.94
EC:	23.00
AT+/-	0.62
EC+/-	1.00



0	-20.25
0	-24.62
00	-23.23
00	-20.65
00	-18.61
X	-18.55
EC:	-9.54



0	0.98
0	0.80
00	0.79
00	0.77
00	0.77
AX	0.98
EC:	1.00



0	14.48
0	14.65
00	14.75
00	14.36
00	13.34
X	13.34
EC:	12.00