



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

AFS3-00100300-12-10P-4

Specifications at +23 °C

Frequency Range

.10 to 3.00 GHz

Gain

34.0 dB, min

Gain Flatness

±1.0 dB, max

Noise Figure

1.2 dB, max

VSWR IN/OUT

2.0:1/2.0:1, MAX

P1dB

+10 dBm, min

OIP3

+20 dBm, typ

DC Power

+15 VDC @ 125 mA, typ

Operating Temperature

-54 to +85 °C

Outline

113384-4

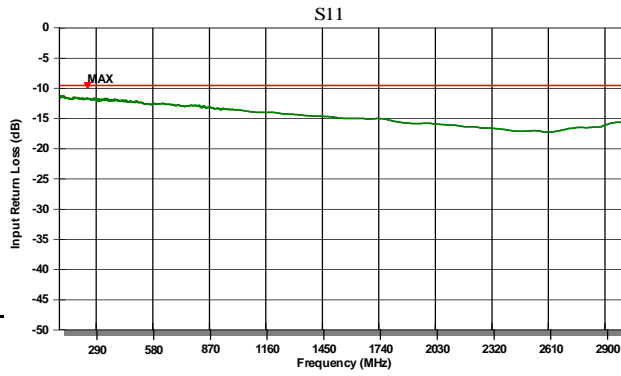
Absolute Maximums

RF Input: +13 dBm

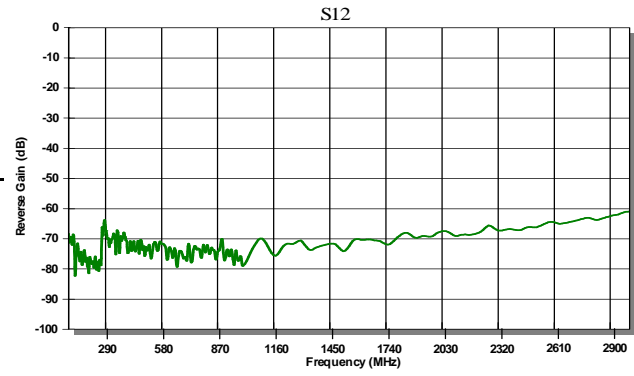
DC Input: +24 VDC

Created on:

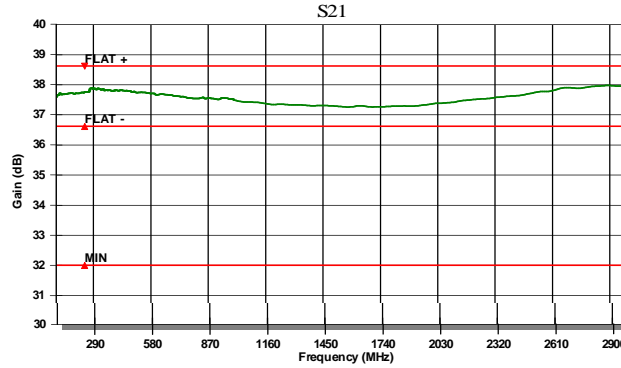
5/6/10 10:28 AM



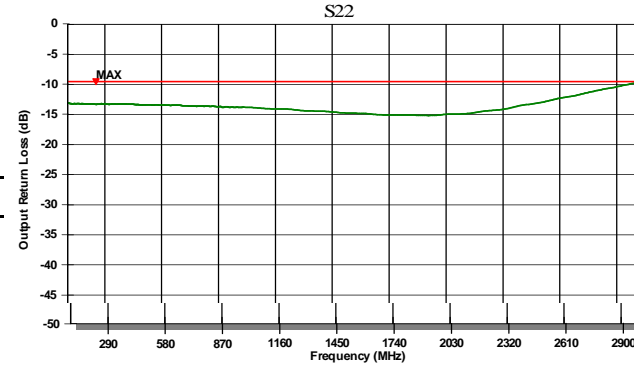
0	-11.49
0	-12.59
100	-13.92
100	-14.98
100	-16.06
100	-17.27
100	-15.59
AX	-11.25
PEC:	-9.54



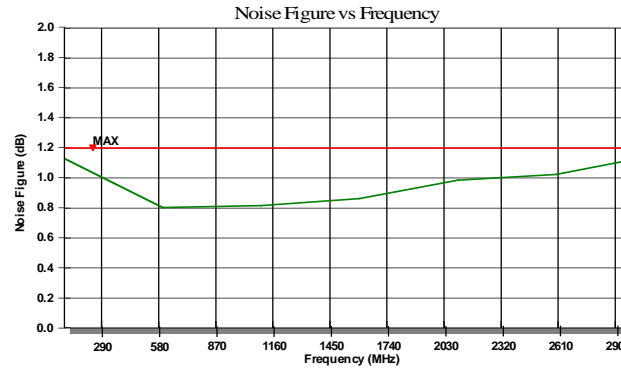
0	-69.30
0	-72.53
00	-69.92
00	-70.10
00	-69.04
00	-64.34
00	-60.93



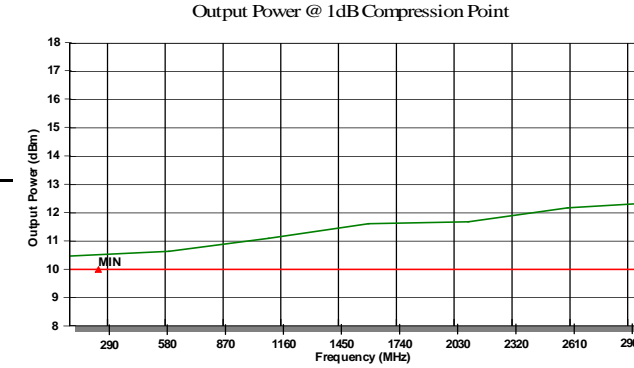
0	37.58
0	37.69
00	37.42
00	37.27
00	37.42
00	37.79
00	37.98
N	37.26
EC:	32.00
AT+/-	0.36
EC+/-	1.00



0	-13.10
0	-13.43
00	-13.97
00	-14.81
00	-14.90
00	-12.35
00	-9.72
X	-9.72
EC:	-9.54



0	1.13
0	0.80
00	0.82
00	0.86
00	0.99
00	1.02
00	1.12
AX	1.13
PEC:	1.20



0	10.47
0	10.64
00	11.10
00	11.62
00	11.68
00	12.18
00	12.35
X	10.47
EC:	10.00