



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

AFS2-00100200-20-23P-2

Specifications at +23 °C

Frequency Range

.10 to 2.0 GHz

Gain

22.0 dB, min

Gain Flatness

±1.5 dB, max

Noise Figure

2.0 dB, max

VSWR IN/OUT

2.0:1/2.0:1, MAX

P1dB

+23 dBm, min

OIP3

+33 dBm, typ

DC Power

+15 VDC @ 225 mA, typ

Operating Temperature

-54 to +85 °C

Outline

113384-2

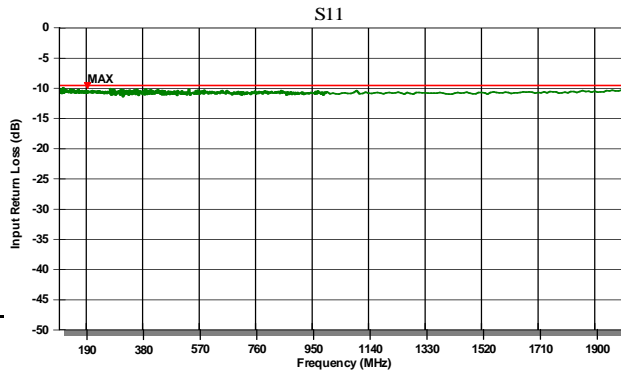
Absolute Maximums

RF Input: +13 dBm

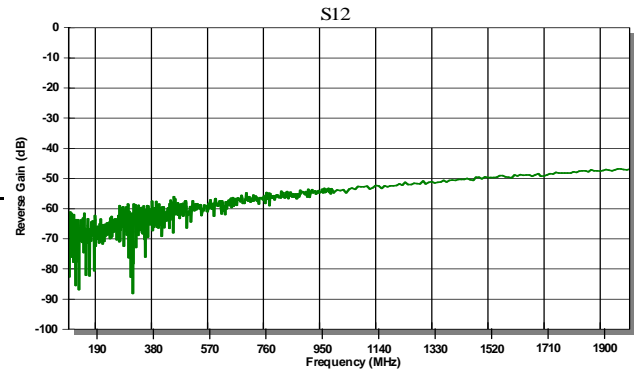
DC Input: +24 VDC

Created on:

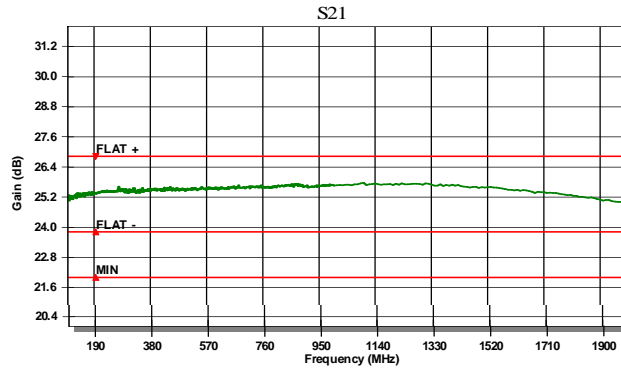
5/19/10 10:07 AM



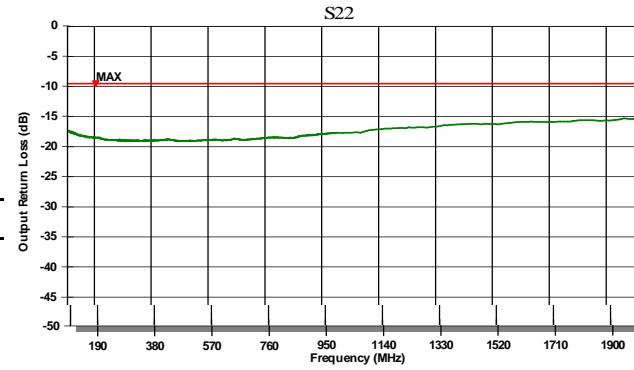
0	-10.14
0	-10.39
0	-10.92
00	-10.60
00	-10.71
00	-10.63
00	-10.48
00	-10.44
AX	-9.92
PEC:	-9.54



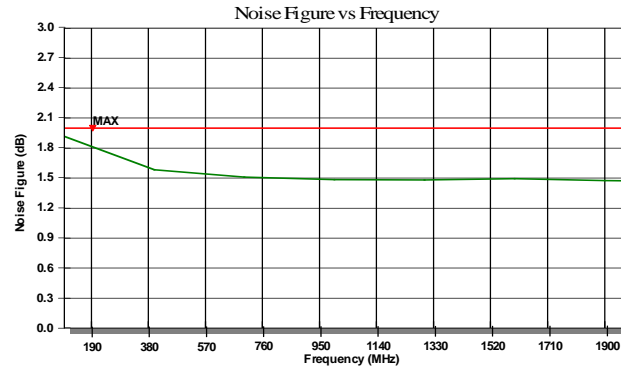
0	-67.86
0	-66.22
0	-56.99
00	-54.42
00	-50.86
00	-49.80
00	-47.53
00	-46.86



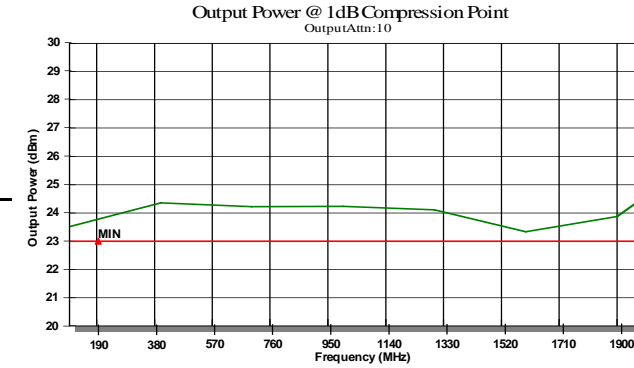
0	25.20
0	25.47
0	25.55
00	25.66
00	25.70
00	25.50
00	25.10
00	24.88
N	24.88
EC:	22.00
AT+/-	0.45
EC+/-	1.50



0	-17.36
0	-18.94
0	-18.86
00	-17.69
00	-16.82
00	-15.95
00	-15.64
00	-15.41
X	-15.31
EC:	-9.54



0	1.92
0	1.58
0	1.51
00	1.49
00	1.48
00	1.48
00	1.49
00	1.48
00	1.47
AX	1.92
EC:	2.00



0	23.51
0	24.35
0	24.22
00	24.24
00	24.11
00	23.34
00	23.87
00	24.63
00	23.34
EC:	23.00