



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

AFS2-00100100-25-25P-6

Specifications at +23 °C

Frequency Range

.10 to 1.0 GHz

Gain

22.0 dB, min

Gain Flatness

±2.0 dB, max

Noise Figure

2.5 dB, max

VSWR IN/OUT

2.0:1/2.6:1, max

P1dB

+25 dBm, min

OIP3

+35 dBm, typ

DC Power

+15 VDC @ 225 mA, typ

Operating Temperature

-54 to +85 °C

Outline

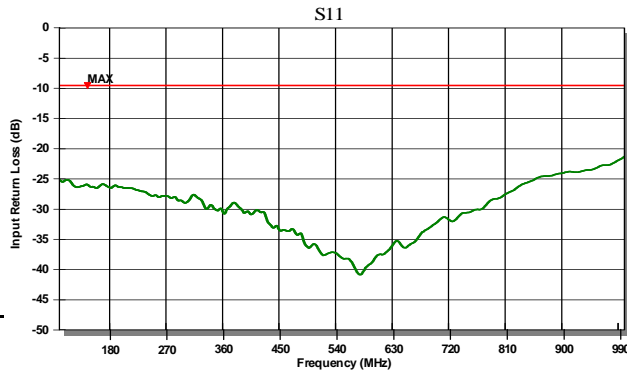
113384-6

Absolute Maximums

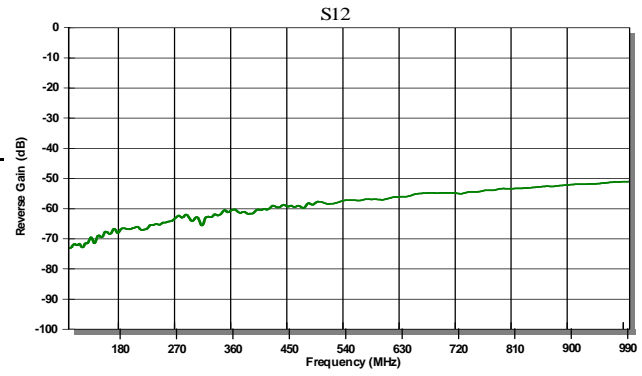
RF Input: +13 dBm

DC Input: +24 VDC

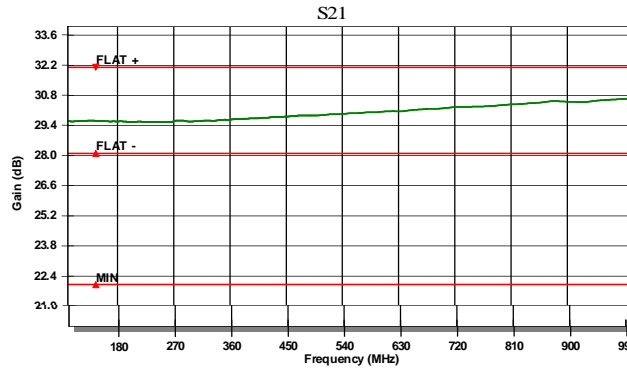
Created on:
5/19/10 9:52 AM



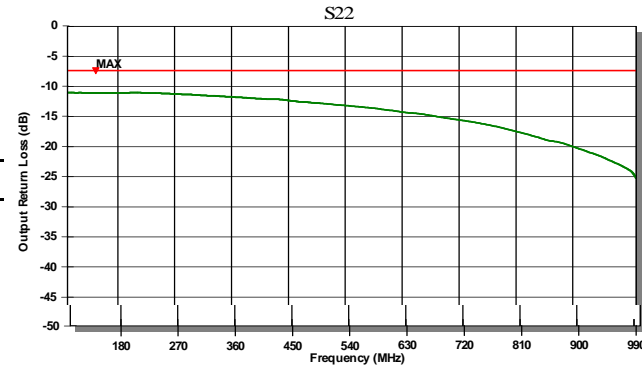
0	-25.13
0	-28.95
0	-36.21
0	-32.31
0	-24.03
00	-21.25
AX	-21.25
EC:	-9.54



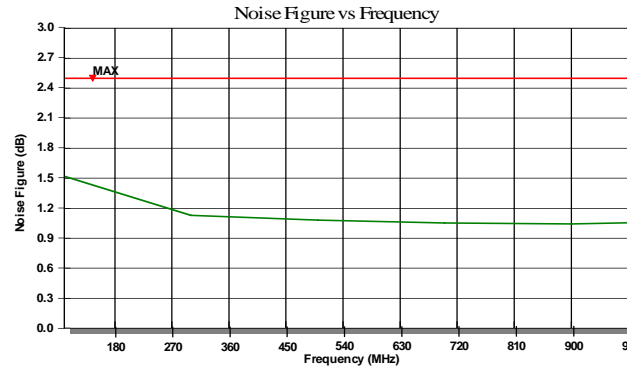
0	-73.11
0	-63.89
0	-57.65
0	-54.79
0	-52.15
00	-50.98



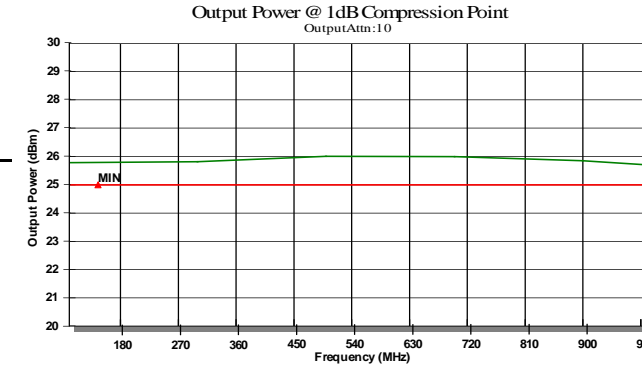
0	29.60
0	29.59
0	29.87
0	30.20
0	30.51
00	30.66
N	29.55
EC:	22.00
AT+/-	0.55
EC+/-	2.00



0	-11.02
0	-11.37
0	-12.79
0	-15.26
0	-19.99
0	-25.26
X	-11.01
EC:	-7.36



0	1.52
0	1.13
0	1.08
0	1.05
0	1.04
00	1.06
AX	1.52
EC:	2.50



0	25.78
0	25.82
0	26.01
0	25.99
0	25.85
00	25.70
AX	25.70
EC:	25.00