



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

AFS3-00950175-06-13P-6

Specifications at +23 °C

Frequency Range

0.95 to 1.75 GHz

Gain

38 dB, min

Gain Flatness

±0.50 dB, max

Noise Figure

0.6 dB, max

VSWR IN/OUT

1.8:1/1.8:1, max

P1dB

+13 dBm, min

OIP3

+22 dBm, typ

DC Power

+15 VDC @ 150 mA, typ

Operating Temperature

-54 to +85 °C

Outline

113384-6

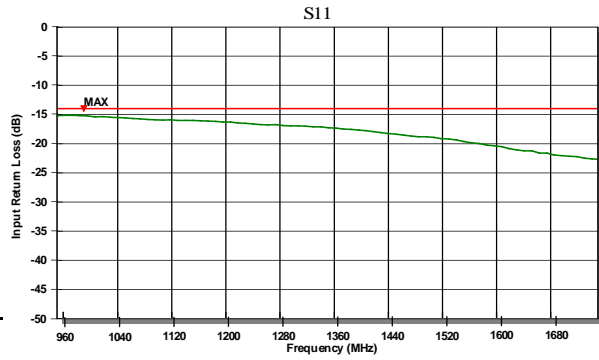
Absolute Maximums

RF Input: +15 dBm

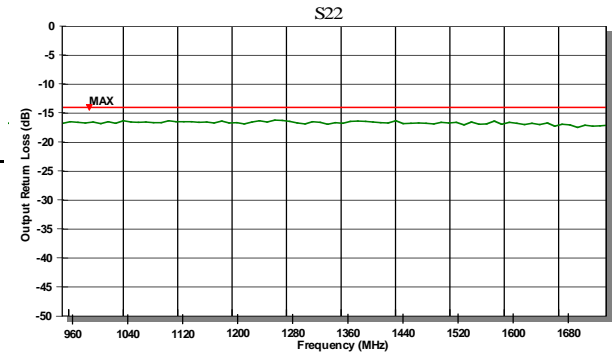
DC Input: +24 VDC

Created on:

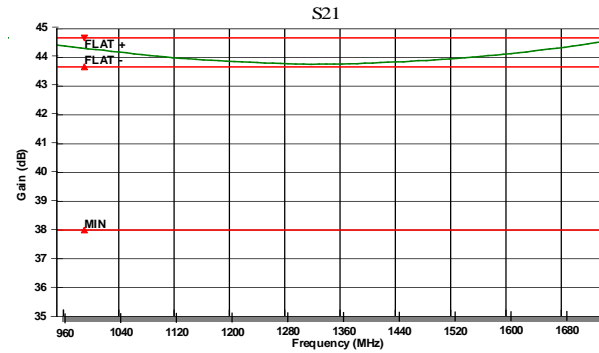
5/28/10 12:33 PM



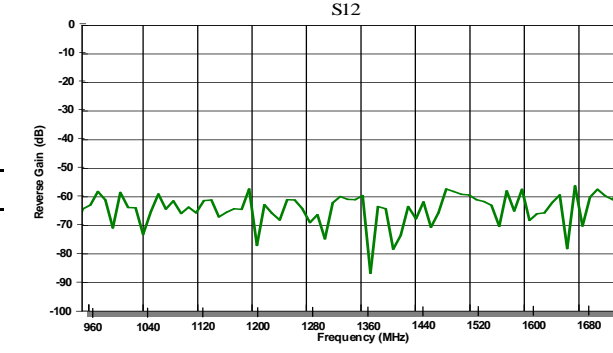
950	-15.17
1125	-16.00
1300	-16.95
1475	-18.71
1650	-21.24
1750	-22.71
MAX	-15.16
SPEC:	-13.98



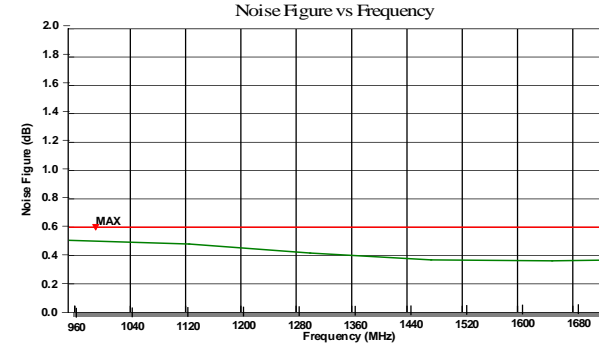
950	-16.74
1125	-16.47
1300	-16.75
1475	-16.66
1650	-16.91
1750	-17.07
MAX	-16.17
SPEC:	-13.98



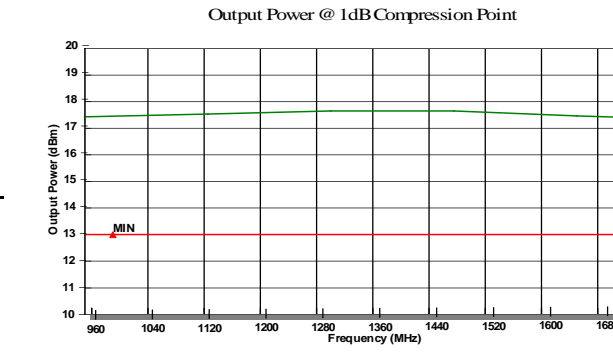
950	44.43
1125	43.97
1300	43.77
1475	43.89
1650	44.26
1750	44.59
MIN	43.76
SPEC:	38.00
FLAT +/-	0.41
SPEC +/-	0.50



90	-65.10
125	-62.95
300	-69.31
175	-64.86
350	-59.85
750	-63.22



50	0.51
125	0.48
300	0.42
475	0.37
650	0.36
750	0.37
IAX	0.51
SPEC:	0.60
>:5314	PASS



950	17.43
1125	17.54
1300	17.65
1475	17.65
1650	17.47
1750	17.38
1750	17.38
SPEC:	13.00