



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

AFSX1-00100100-16-18P

Specifications at +23 °C

Frequency Range

0.01 to 1.0 GHz

Gain

15 dB, min

Gain Flatness

±1.0 dB, max

Noise Figure

1.6 dB, max

VSWR IN/OUT

2.0:1/2.0:1, max

P1dB

+18 dBm, min

OIP3

+28 dBm, typ

DC Power

+15 VDC @ 100 mA, typ

Operating Temperature

-54 to +85 °C

Outline

141108

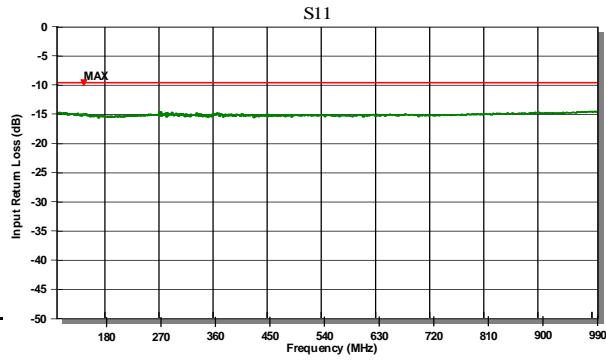
Absolute Maximums

RF Input: +18 dBm

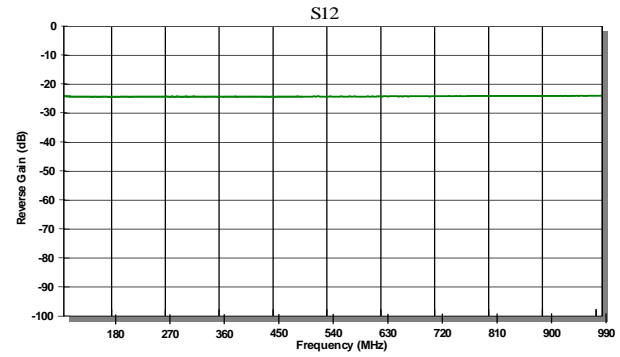
DC Input: +24 VDC

Created on:

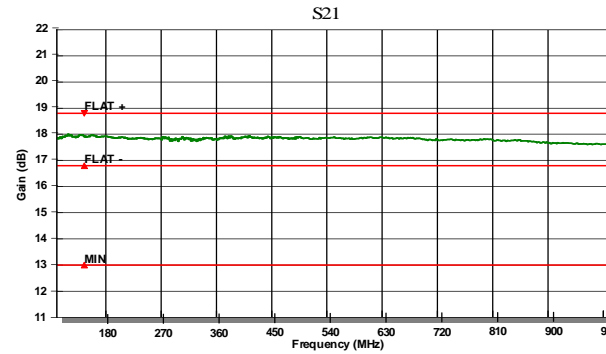
7/1/10 10:17 AM



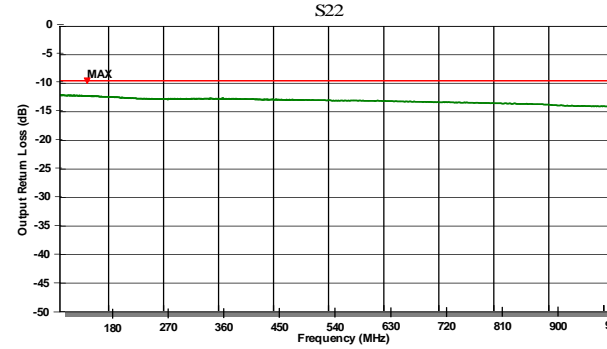
100	-14.64
300	-15.13
500	-15.12
700	-15.15
900	-14.73
1000	-14.53
MAX	-14.47
SPEC:	-9.54



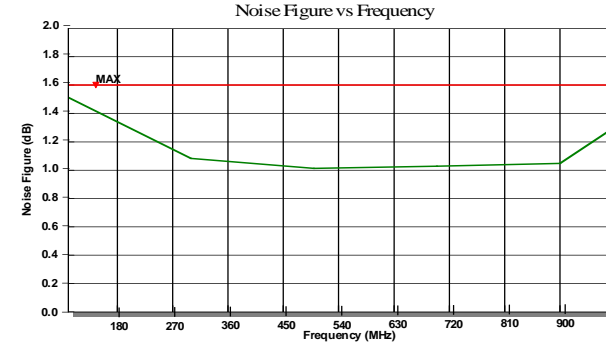
100	-24.15
300	-24.25
500	-24.25
700	-24.18
900	-24.01
1000	-23.94



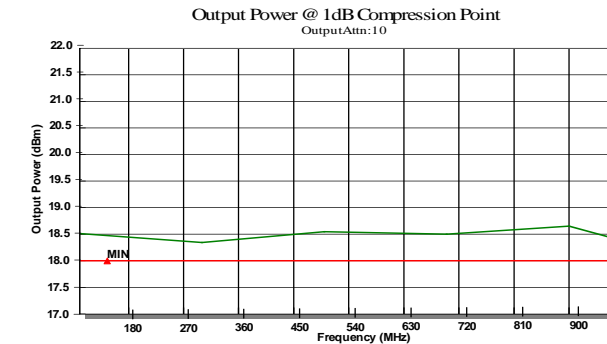
100	17.84
300	17.84
500	17.86
700	17.79
900	17.67
1000	17.62
MIN	17.60
SPEC:	15.00
FLAT+/-	0.20
SPEC+/-	1.00



10	-12.05
10	-12.72
10	-12.95
10	-13.28
10	-13.74
100	-14.06
MAX	-12.02
SPEC:	-9.54



00	1.51
00	1.08
00	1.01
00	1.03
00	1.05
000	1.33
MAX	1.51
SPEC:	1.60



18.51	18.51
18.35	18.35
18.55	18.55
18.50	18.50
18.65	18.65
18.34	18.34
18.34	18.34
SPEC:	18.00