



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

AFS2-00300140-09-10P-2

Specifications at +23 °C

Frequency Range

.30 to 1.4 GHz

Gain

25 dB, min

Gain Flatness

±1.0 dB, max

Noise Figure

.9 dB, max

VSWR IN/OUT

2.0:1/2.0:1, Max

P1dB

+10 dBm, min

OIP3

+20 dBm, typ

DC Power

+15 VDC @ 100 mA, typ

Operating Temperature

-54 to +85 °C

Outline

113384-2

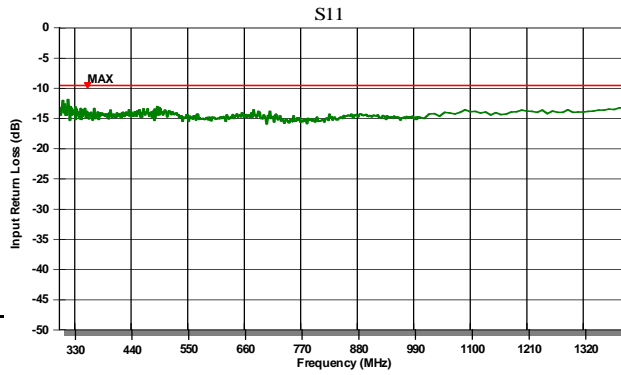
Absolute Maximums

RF Input: +13 dBm

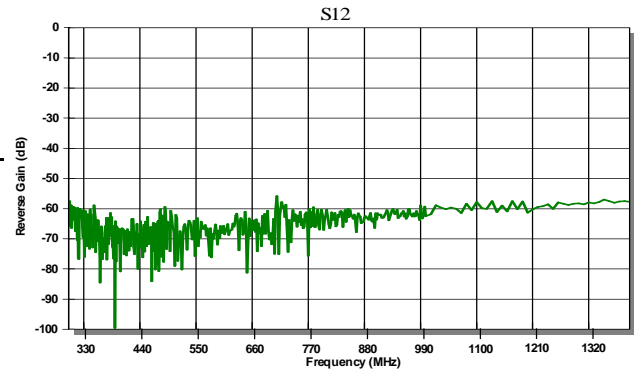
DC Input: +24 VDC

Created on:

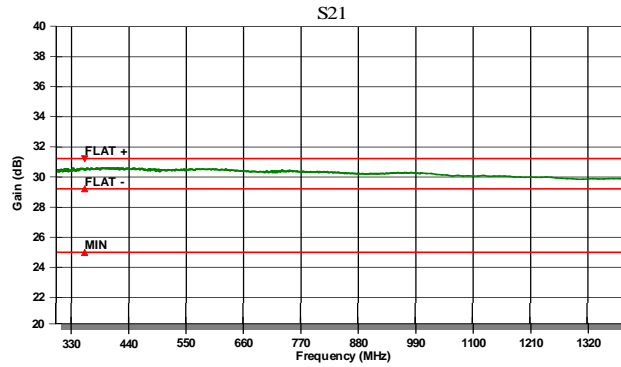
5/10/10 4:12 PM



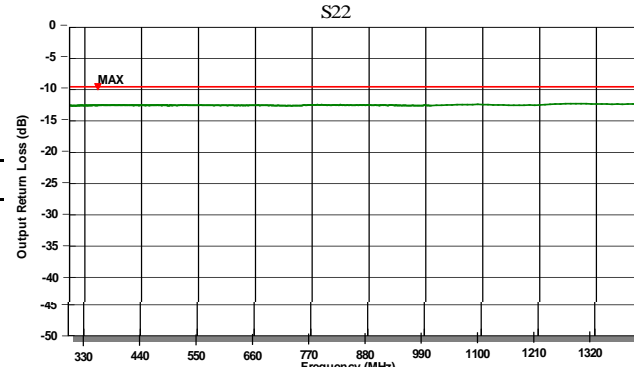
10	-14.03
20	-13.88
30	-15.35
40	-14.77
180	-13.93
100	-13.16
AX	-11.83
PEC:	-9.54



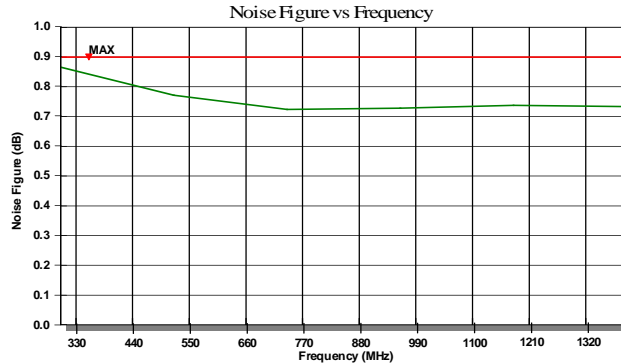
0	-60.85
0	-68.98
0	-60.52
0	-61.48
80	-60.19
00	-57.68



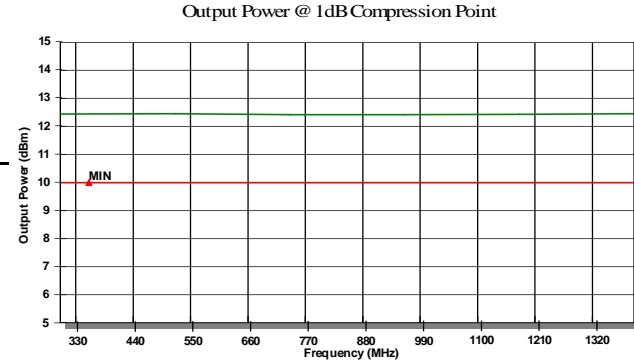
0	30.51
0	30.48
0	30.35
0	30.27
90	30.00
00	29.86
N	29.85
EC:	25.00
AT+/-	0.38
EC+/-	1.00



0	-12.57
0	-12.48
0	-12.55
0	-12.53
0	-12.47
0	-12.28
X	-12.23
EC:	-9.54



30	0.87
20	0.77
40	0.72
30	0.73
180	0.74
400	0.73
AX	0.87
PEC:	0.90



10	12.44
20	12.45
10	12.42
10	12.42
80	12.43
100	12.45
IN	12.42
PEC:	10.00