



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

IIP3

+33 dBm, typ

DC Power

+15 VDC @ 225 mA, typ

Operating Temperature

-54 to +85 °C

Outline

113384-2

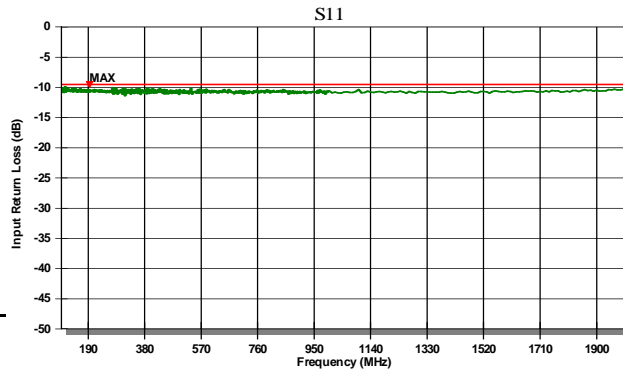
Absolute Maximums

RF Input: +13 dBm

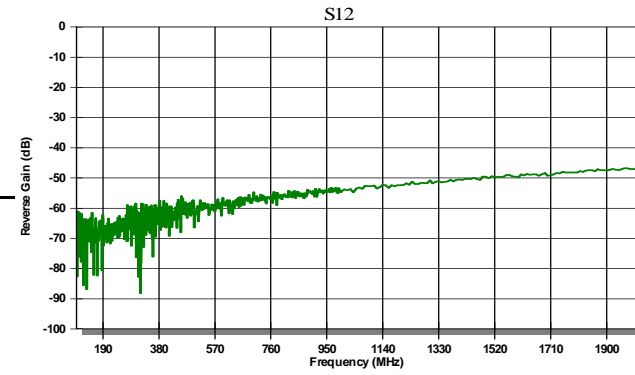
DC Input: +24 VDC

Created on:

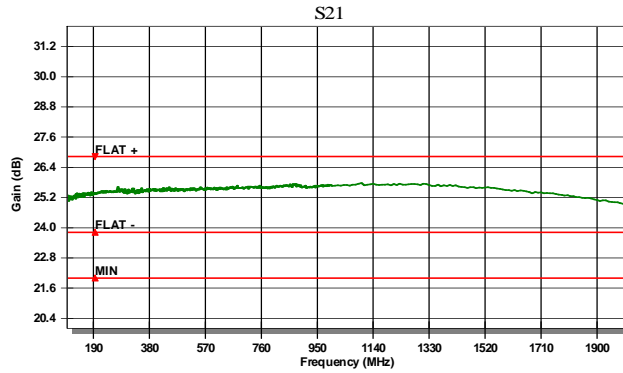
5/19/10 10:07 AM



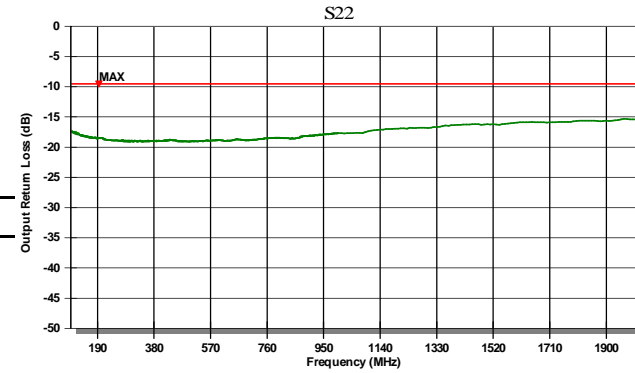
I0	-10.14
J0	-10.39
J0	-10.92
J00	-10.60
J00	-10.71
J00	-10.63
J00	-10.48
J00	-10.44
AX	-9.92
PEC:	-9.54



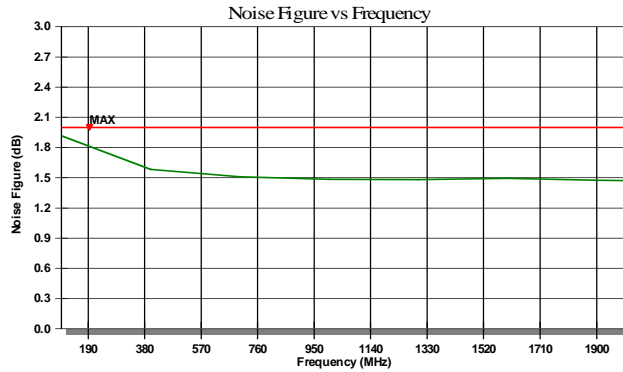
J0	-67.86
J0	-66.22
J0	-56.99
J00	-54.42
J00	-50.86
J00	-49.80
J00	-47.53
J00	-46.86



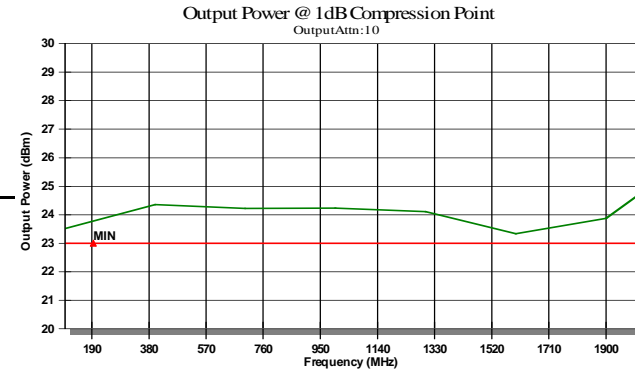
I0	25.20
J0	25.47
J0	25.55
J00	25.66
J00	25.70
J00	25.50
J00	25.10
J00	24.88
IN	24.88
PEC:	22.00
-.AT+/-	0.45
PEC+/-	1.50



J0	-17.36
J0	-18.94
J0	-18.86
J00	-17.69
J00	-16.82
J00	-15.95
J00	-15.64
J00	-15.41
AX	-15.31
PEC:	-9.54



I0	1.92
J0	1.58
J0	1.51
J00	1.49
J00	1.48
J00	1.49
J00	1.48
J00	1.47
AX	1.92
PEC:	2.00



J0	23.51
J0	24.35
J0	24.22
J00	24.24
J00	24.11
J00	23.34
J00	23.87
J00	24.63
IN	23.34
PEC:	23.00