



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

MODEL

AFS2-00100100-15-25P-6

Frequency Range

.10 to 1.0 GHz

Gain

25.0 dB, min

Gain Flatness

±2.0 dB, max

Noise Figure

1.5 dB, max

VSWR IN/OUT

2.0:1/2.0:1, max

P1dB

+25 dBm, min

IIP3

+35 dBm, typ

DC Power

+15 VDC @ 225 mA, typ

Operating Temperature

-54 to +85 °C

Outline

113384-6

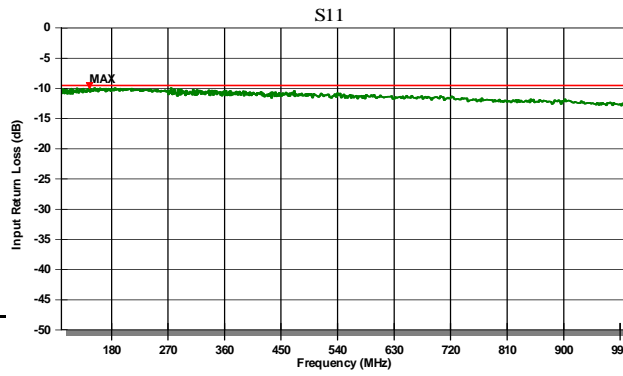
Absolute Maximums

RF Input: +13 dBm

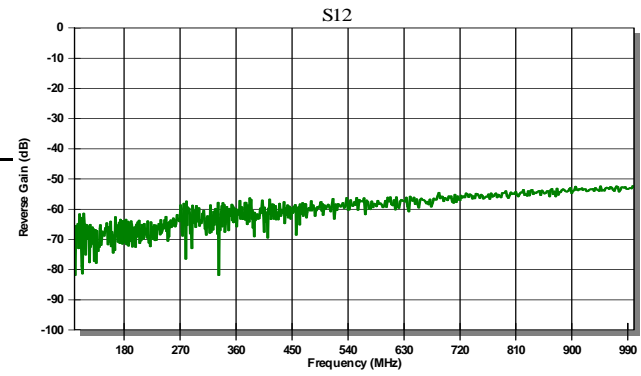
DC Input: +24 VDC

Created on:

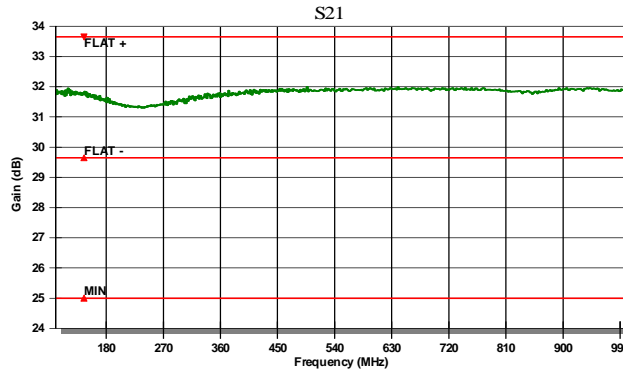
6/10/10 8:44 AM



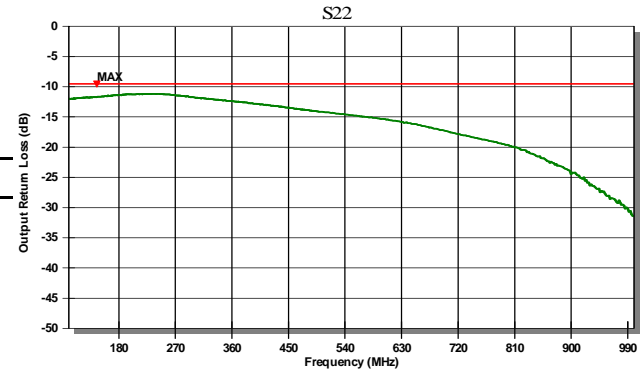
J0	-10.07
J0	-10.45
J0	-11.53
J0	-11.61
J0	-12.16
J00	-12.51
AX	-9.93
PEC:	-9.54



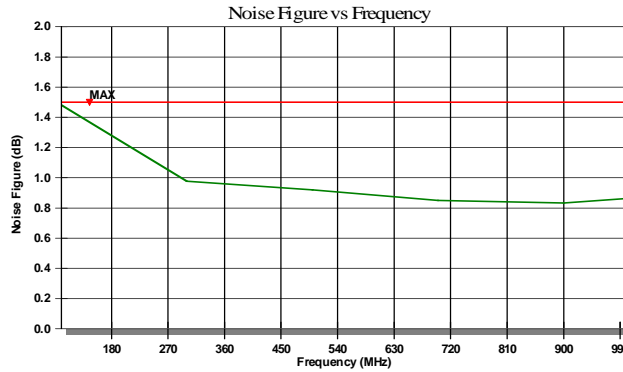
J0	-71.88
J0	-59.65
J0	-61.99
J0	-57.06
J0	-54.71
J00	-52.75



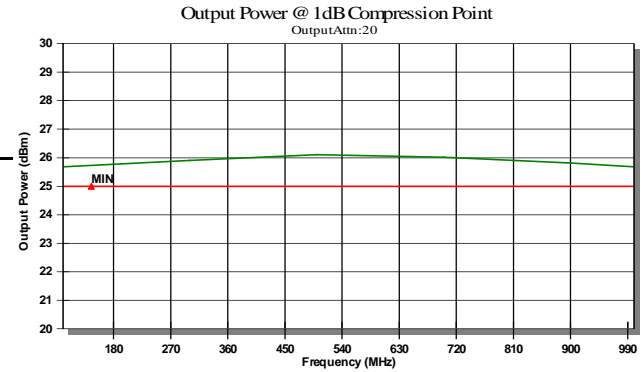
J0	31.81
J0	31.56
J0	31.91
J0	31.94
J0	31.93
J00	31.82
IN	31.30
PEC:	25.00
_AT+/-	0.35
PEC+/-	2.00



J0	-12.05
J0	-11.75
J0	-14.12
J0	-17.33
J0	-24.44
J00	-31.37
AX	-11.15
PEC:	-9.54



J0	1.48
J0	0.98
J0	0.92
J0	0.85
J0	0.83
J00	0.86
AX	1.48
PEC:	1.50



J0	25.68
J0	25.91
J0	26.10
J0	26.02
J0	25.81
J00	25.68
IN	25.68
PEC:	25.00