

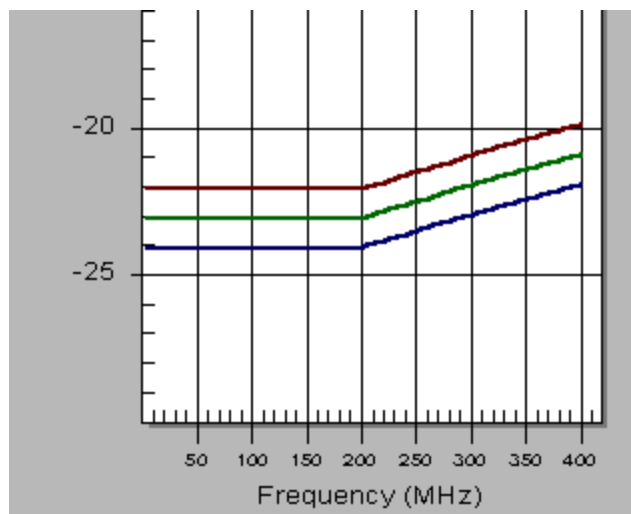
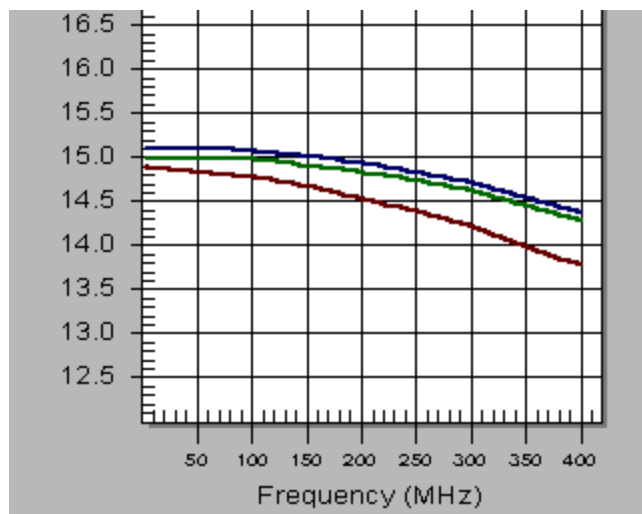


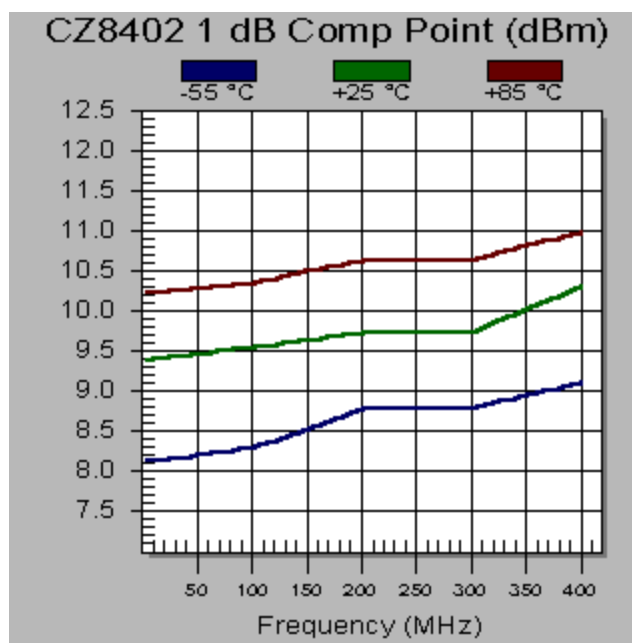
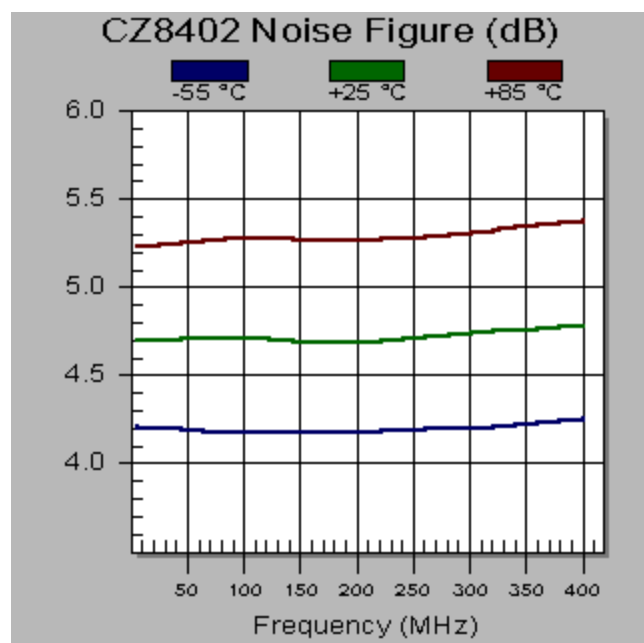
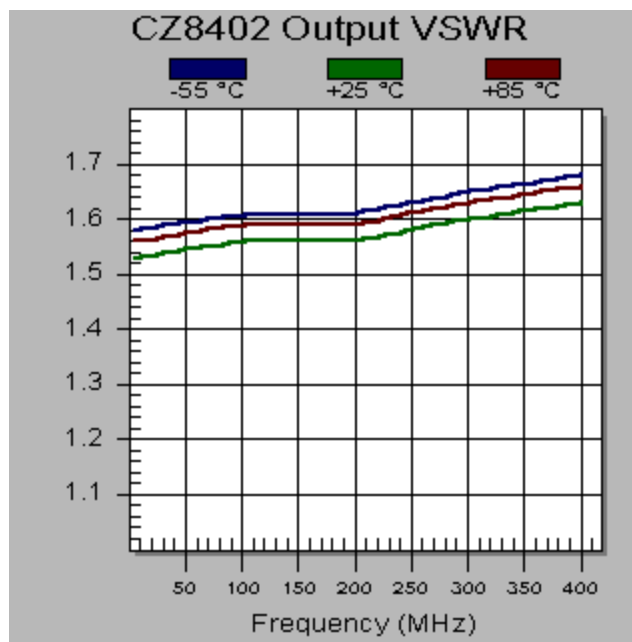
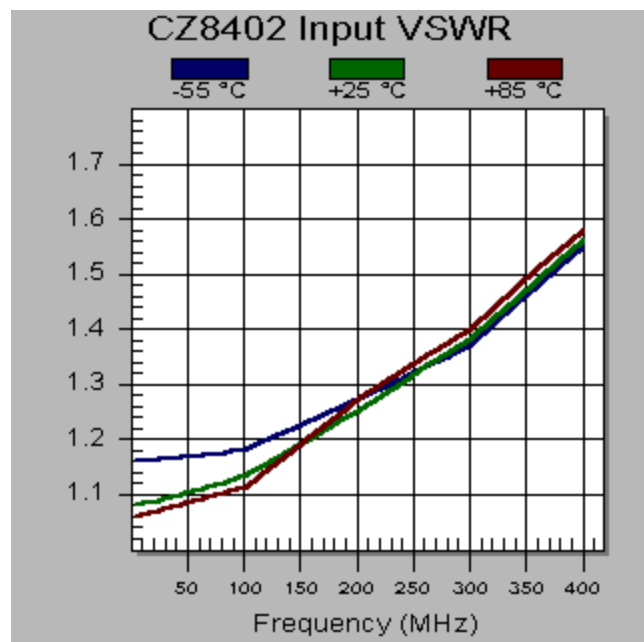
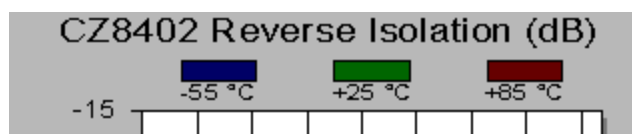
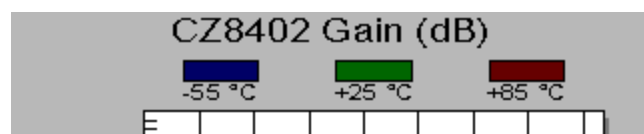
CZ8402

Product Data Summary

Parameter	Min/Max	Typical
Operating Frequency	5 - 400 MHz	
Noise Figure	5.8 dB	4.8 dB
Gain	13.5 dB	15.0 dB
Power Output (1 dB Compression)	+7.0 dBm	+9.0 dBm
2nd Order Intercept		+27.0 dBm
3rd Order Intercept		+20.0 dBm
Reverse Isolation	-20.0 dB	-21.0 dB
VSWR Input	2.0:1	1.5:1
VSWR Output	2.0:1	1.6:1
DC Voltage		15.0 V
DC Current		25.0 mA

Typical Performance





Packaging Options

S-Parameters

Frequency	S11		S21		S12		S22	
(MHz)	Mag	Ang	Mag	Ang	Mag	Ang	Mag	Ang
5	0.040	-146.0	5.62	178.0	0.0700	4.0	0.210	-3.0
100	0.060	-133.0	5.62	161.0	0.0700	4.0	0.220	-28.0
200	0.110	-127.0	5.52	141.0	0.0700	7.0	0.220	-57.0
300	0.160	-132.0	5.38	122.0	0.0800	8.0	0.230	-88.0
400	0.220	-140.0	5.17	102.0	0.0900	8.0	0.240	-120.0

Amplifonix, Inc
 2707 Black Lake Place
 Philadelphia, PA 19154

Phone: (215) 464-4000
 FAX: (215) 464-4001
 E-mail: info@amplifonix.com

Scillasoft Consulting.

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