

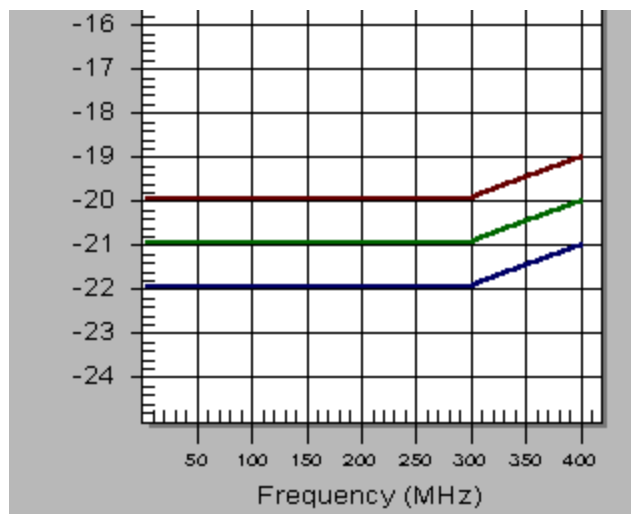
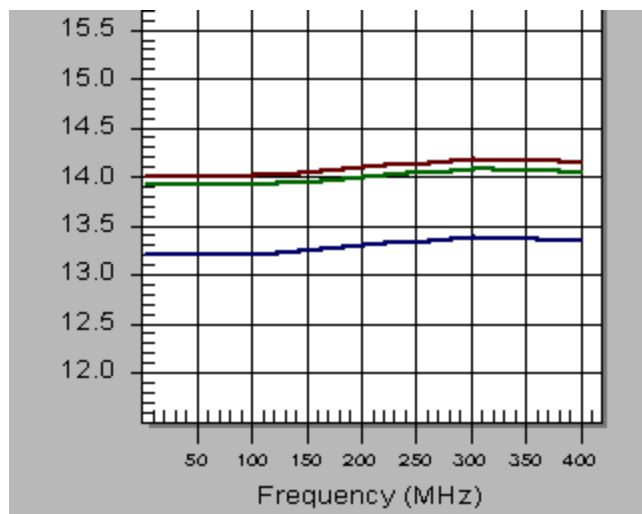


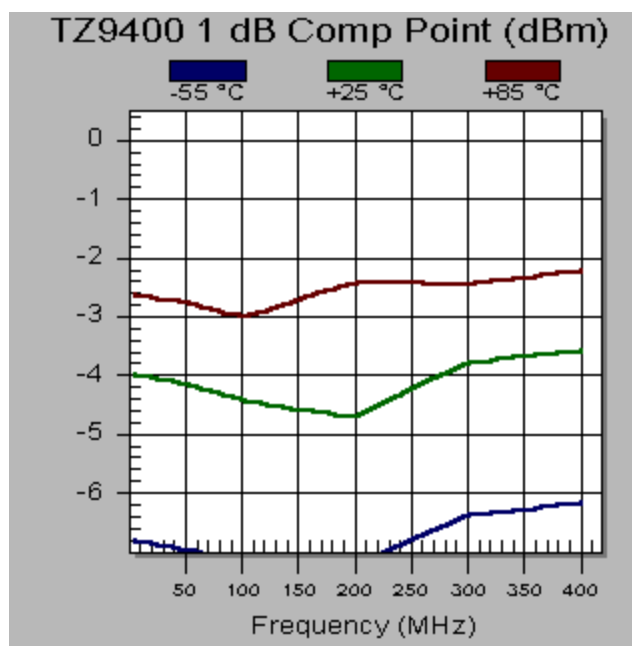
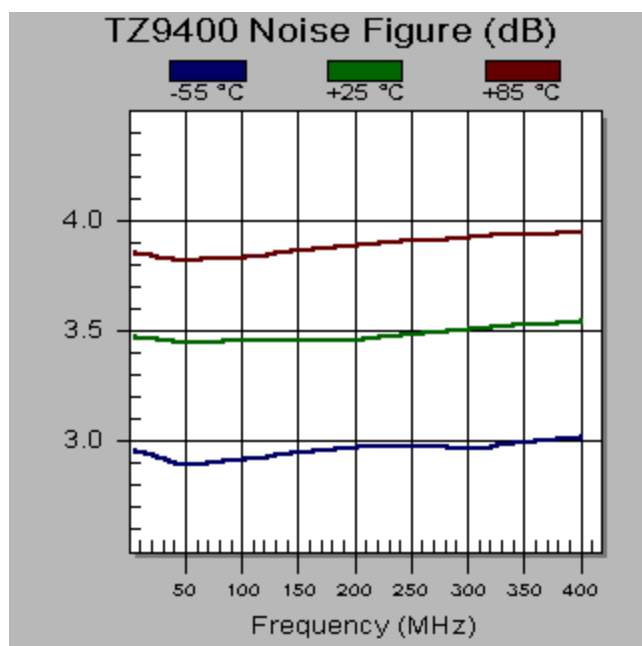
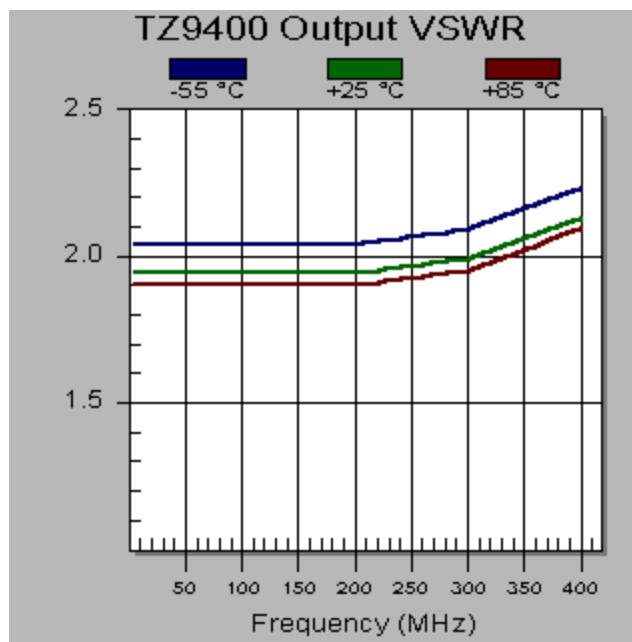
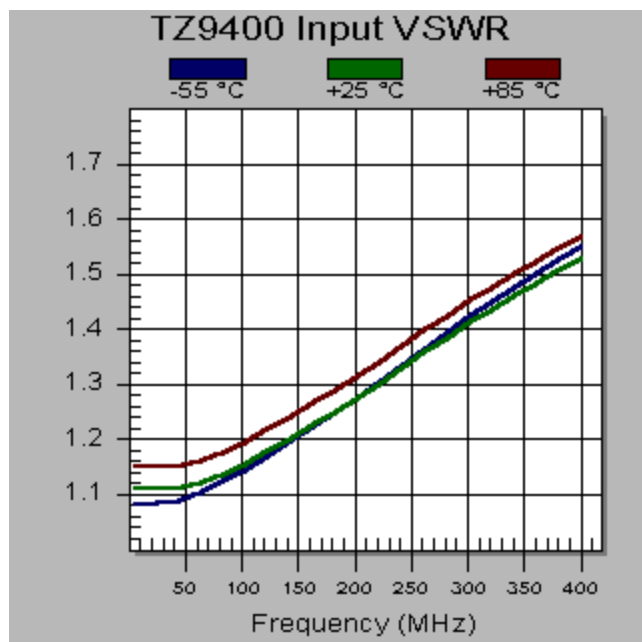
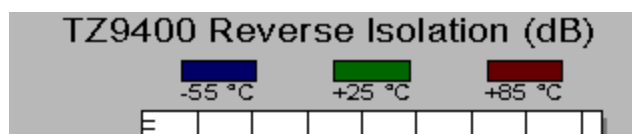
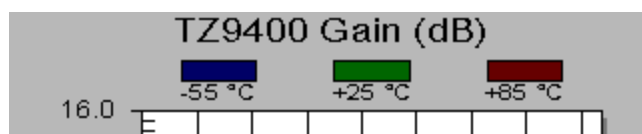
TZ9400

Product Data Summary

Parameter	Min/Max	Typical
Operating Frequency	5 - 400 MHz	
Noise Figure	4.5 dB	3.5 dB
Gain	13.0 dB	14.0 dB
Power Output (1 dB Compression)	-8.0 dBm	-4.0 dBm
2nd Order Intercept		+5.0 dBm
3rd Order Intercept		+10.0 dBm
Reverse Isolation	-19.0 dB	-20.0 dB
VSWR Input	2.0:1	1.5:1
VSWR Output	2.5:1	2.0:1
DC Voltage		15.0 V
DC Current		8.0 mA

Typical Performance





Packaging Options

S-Parameters

Frequency	S11		S21		S12		S22	
(MHz)	Mag	Ang	Mag	Ang	Mag	Ang	Mag	Ang
5	0.050	-18.0	4.96	-179.0	0.0900	3.0	0.320	-1.0
50	0.050	-42.0	4.96	169.0	0.0900	0.0	0.320	-14.0
100	0.070	-66.0	4.96	159.0	0.0900	-3.0	0.320	-28.0
200	0.120	-97.0	5.01	137.0	0.0900	-5.0	0.320	-58.0
300	0.170	-118.0	5.06	114.0	0.0900	-8.0	0.330	-93.0
400	0.210	-136.0	5.04	89.0	0.1000	-13.0	0.360	-135.0

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