

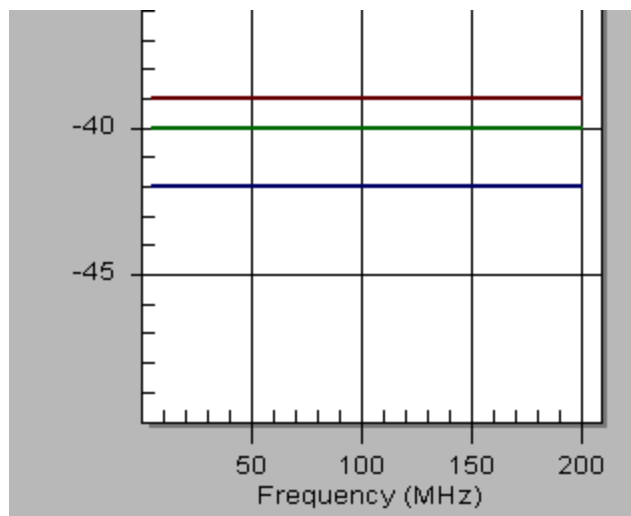
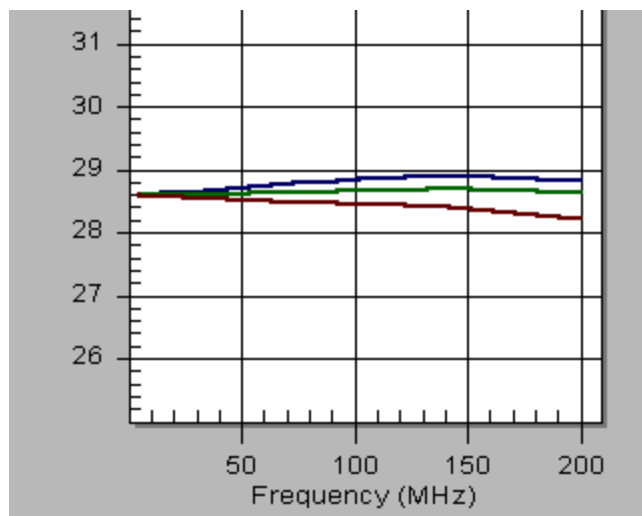


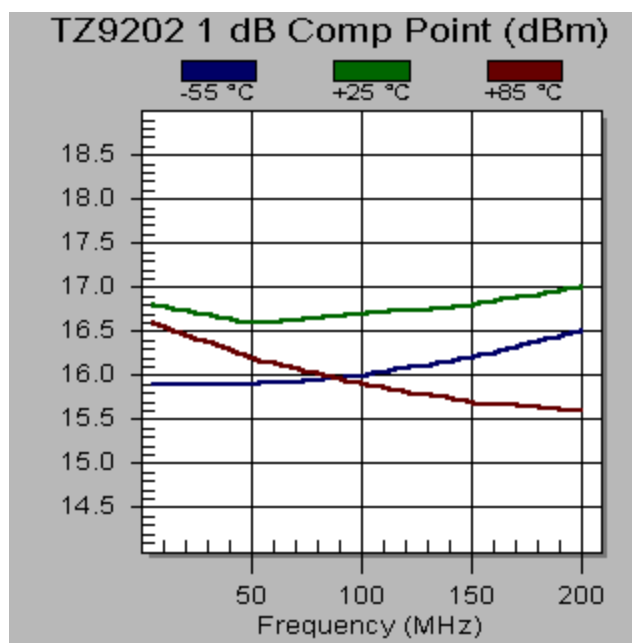
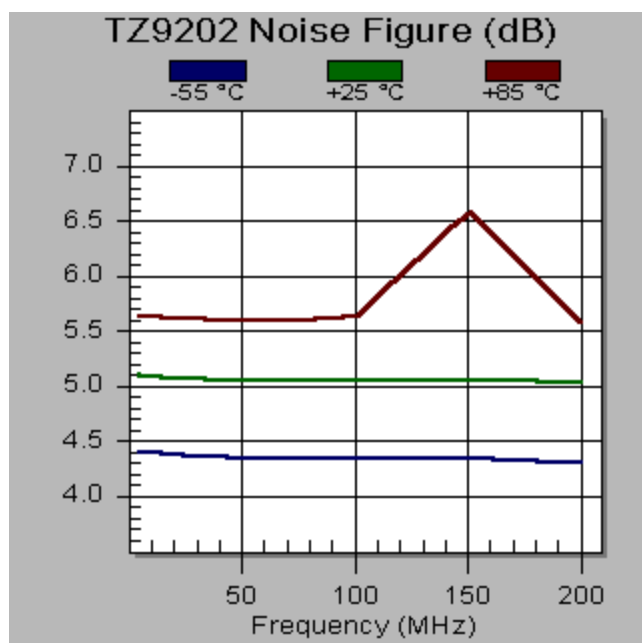
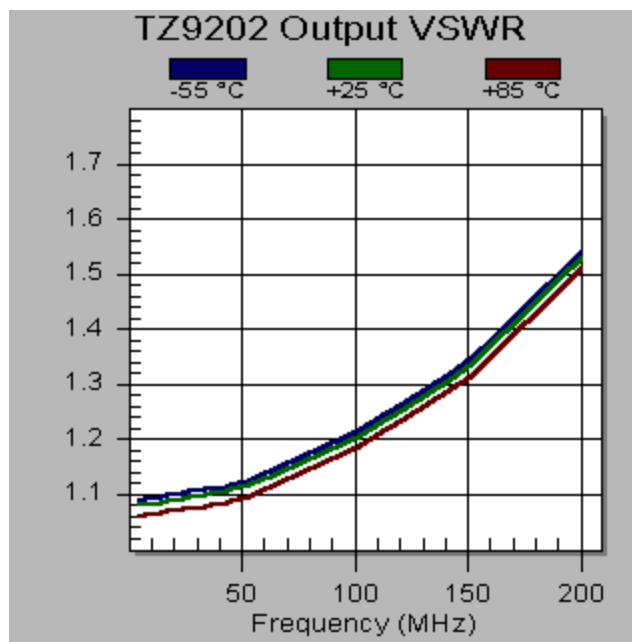
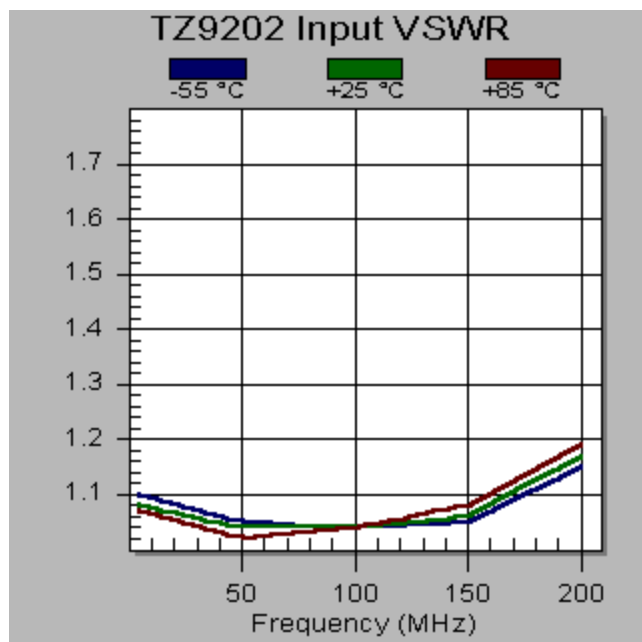
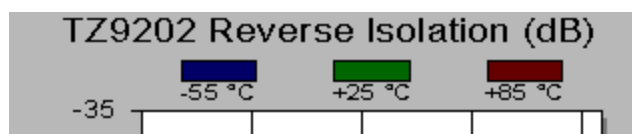
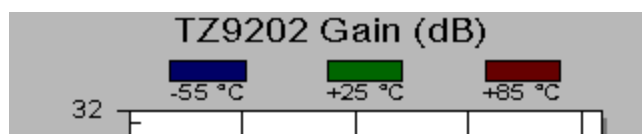
TZ9202

Product Data Summary

Parameter	Min/Max	Typical
Operating Frequency	5 - 200 MHz	
Noise Figure	6.0 dB	5.3 dB
Gain	26.0 dB	28.5 dB
Power Output (1 dB Compression)	+15.0 dBm	+16.5 dBm
2nd Order Intercept		+44.0 dBm
3rd Order Intercept		+28.0 dBm
Reverse Isolation	-38.0 dB	-40.0 dB
VSWR Input	2.0:1	1.3:1
VSWR Output	2.0:1	1.5:1
DC Voltage		15.0 V
DC Current		90.0 mA

Typical Performance





Packaging Options

S-Parameters

Frequency	S11		S21		S12		S22	
(MHz)	Mag	Ang	Mag	Ang	Mag	Ang	Mag	Ang
5	0.040	-137.0	26.93	3.0	0.0100	11.0	0.040	-123.0
50	0.020	168.0	26.99	-25.0	0.0100	15.0	0.050	-140.0
100	0.020	128.0	27.10	-51.0	0.0100	29.0	0.090	-150.0
150	0.030	49.0	27.23	-78.0	0.0100	42.0	0.140	-165.0
200	0.080	10.0	27.02	-105.0	0.0100	44.0	0.210	178.0

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