

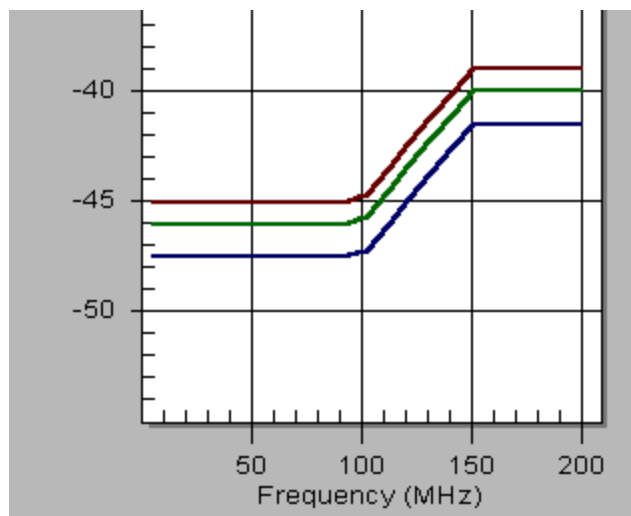
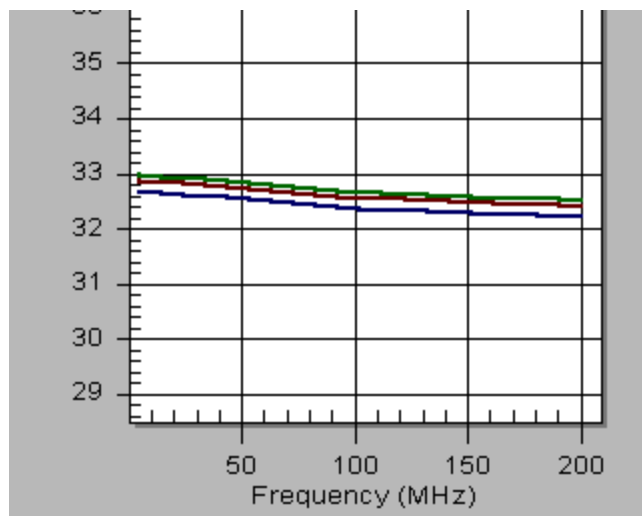


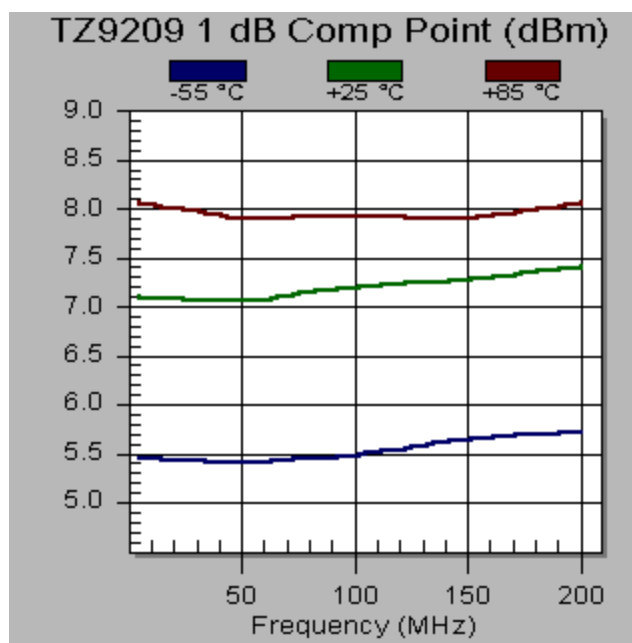
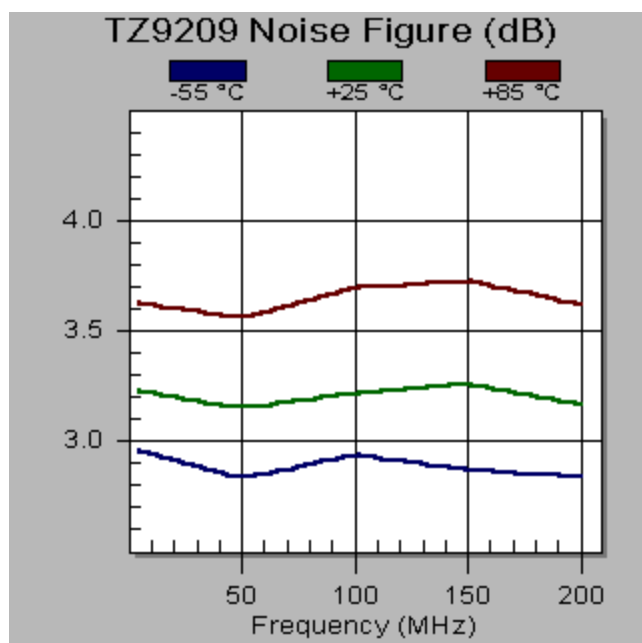
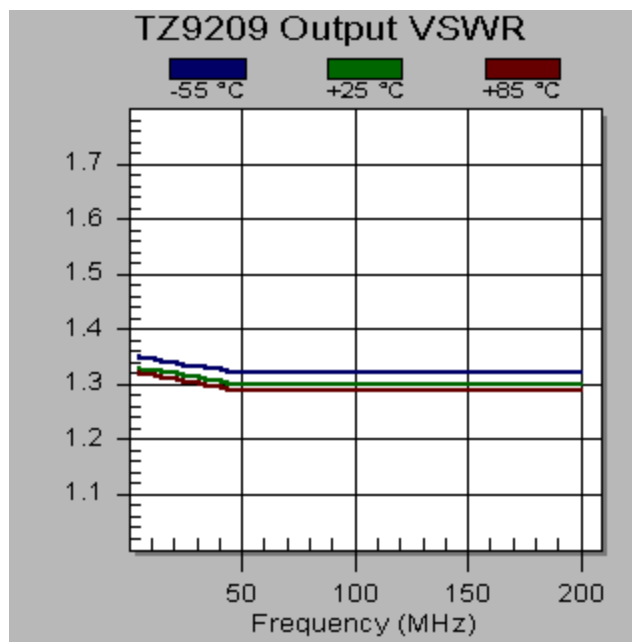
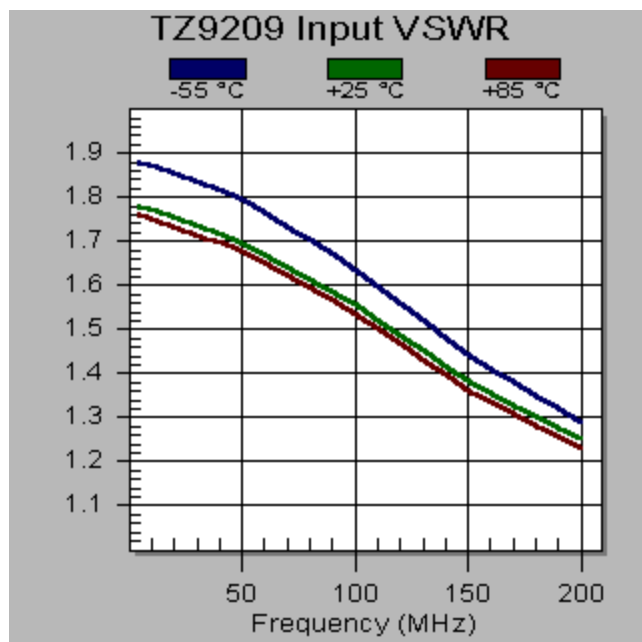
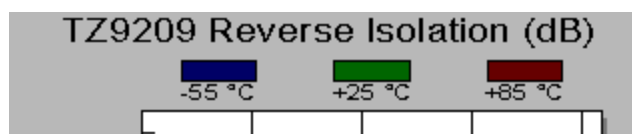
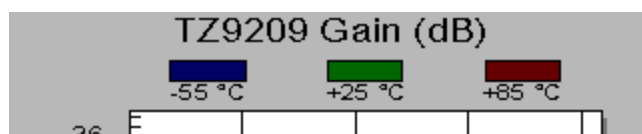
TZ9209

Product Data Summary

Parameter	Min/Max	Typical
Operating Frequency	5 - 200 MHz	
Noise Figure	4.0 dB	3.5 dB
Gain	29.0 dB	30.5 dB
Power Output (1 dB Compression)	+5.0 dBm	+7.0 dBm
2nd Order Intercept		+28.0 dBm
3rd Order Intercept		+18.0 dBm
Reverse Isolation	-38.0 dB	-40.0 dB
VSWR Input	2.0:1	1.5:1
VSWR Output	2.0:1	1.5:1
DC Voltage		12.0 V
DC Current		36.0 mA

Typical Performance





Packaging Options

S-Parameters

Frequency	S11		S21		S12		S22	
(MHz)	Mag	Ang	Mag	Ang	Mag	Ang	Mag	Ang
5	0.280	-172.0	44.53	3.0	0.0050	19.0	0.140	-9.0
50	0.260	171.0	43.93	-27.0	0.0050	30.0	0.130	-23.0
100	0.220	164.0	42.98	-53.0	0.0050	39.0	0.130	-47.0
150	0.160	166.0	42.56	-79.0	0.0100	25.0	0.130	-73.0
200	0.110	-168.0	42.27	-106.0	0.0100	26.0	0.130	-102.0

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