

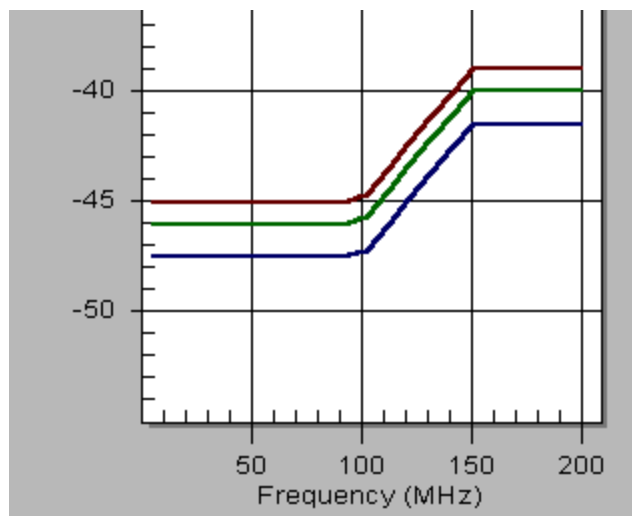
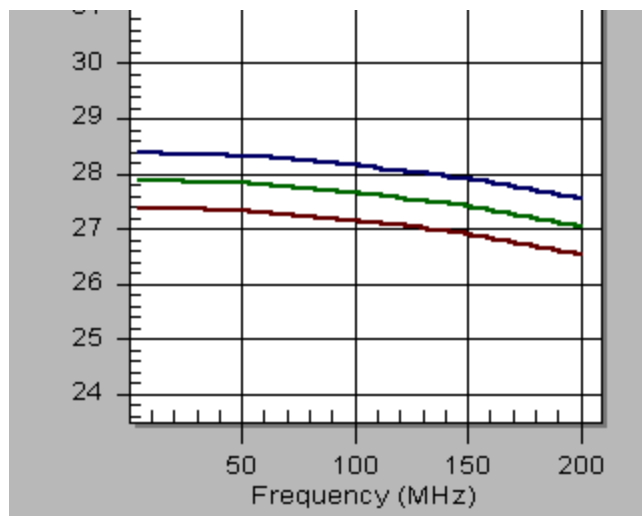


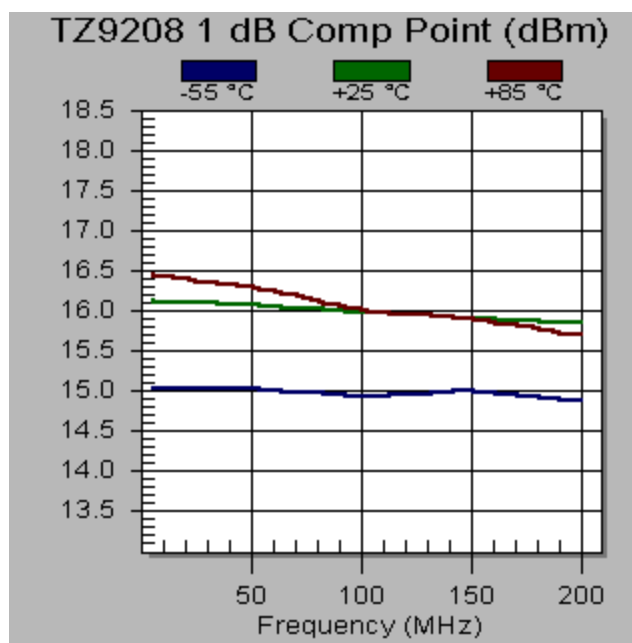
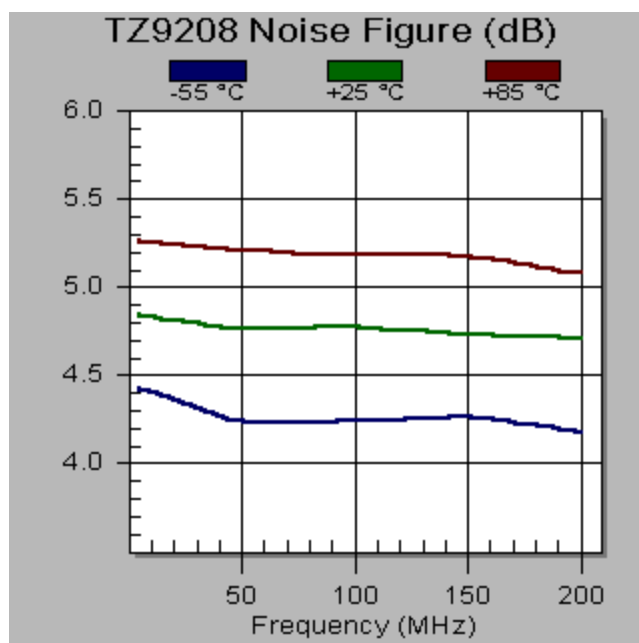
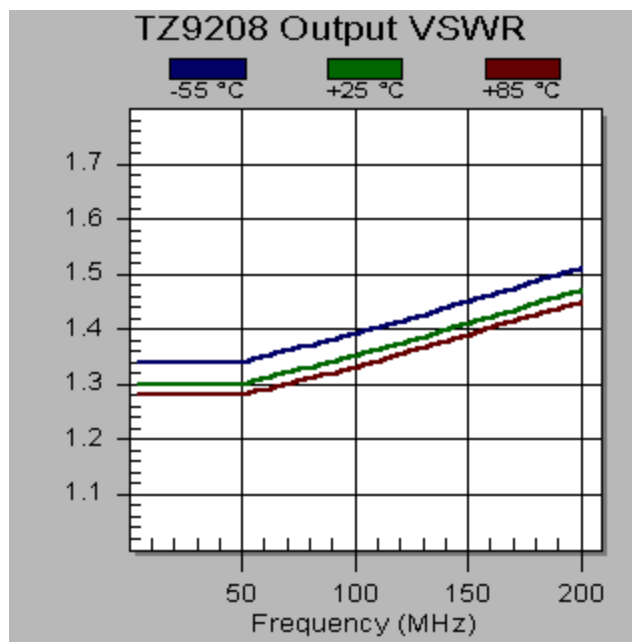
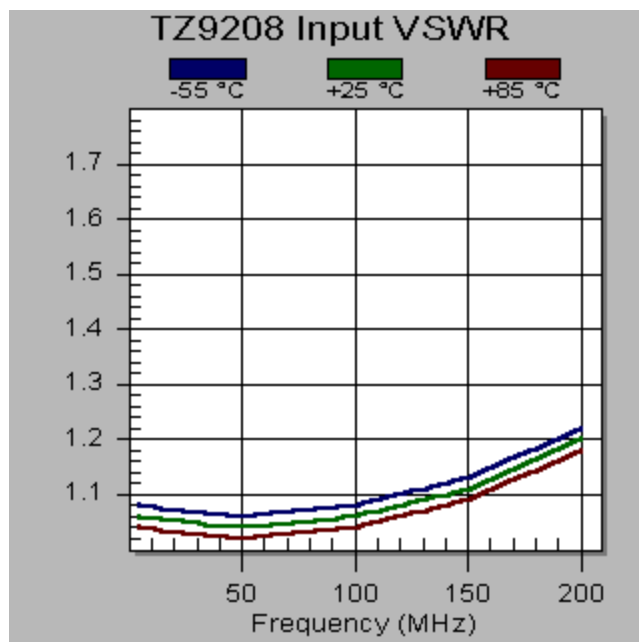
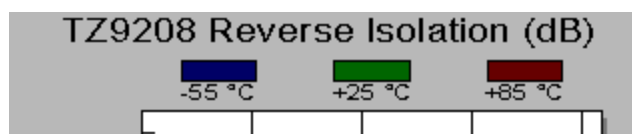
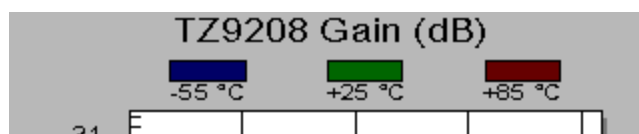
TZ9208

Product Data Summary

Parameter	Min/Max	Typical
Operating Frequency	5 - 200 MHz	
Noise Figure	6.0 dB	5.0 dB
Gain	26.0 dB	27.5 dB
Power Output (1 dB Compression)	+14.5 dBm	+15.5 dBm
2nd Order Intercept		+44.0 dBm
3rd Order Intercept		+28.0 dBm
Reverse Isolation	-40.0 dB	-42.0 dB
VSWR Input	2.0:1	1.3:1
VSWR Output	2.0:1	1.5:1
DC Voltage		12.0 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	0.030	-116.0	24.78	3.0	0.0050	8.0	0.130	-155.0
50	0.020	-125.0	24.66	-24.0	0.0050	7.0	0.130	-176.0
100	0.030	-94.0	24.17	-50.0	0.0050	71.0	0.150	-176.0
150	0.050	-74.0	23.50	-74.0	0.0100	60.0	0.170	-179.0
200	0.090	-71.0	22.50	-99.0	0.0100	66.0	0.190	176.0

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