

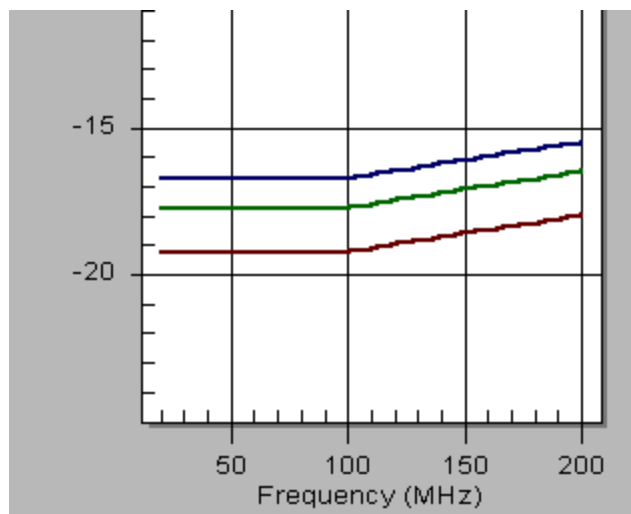
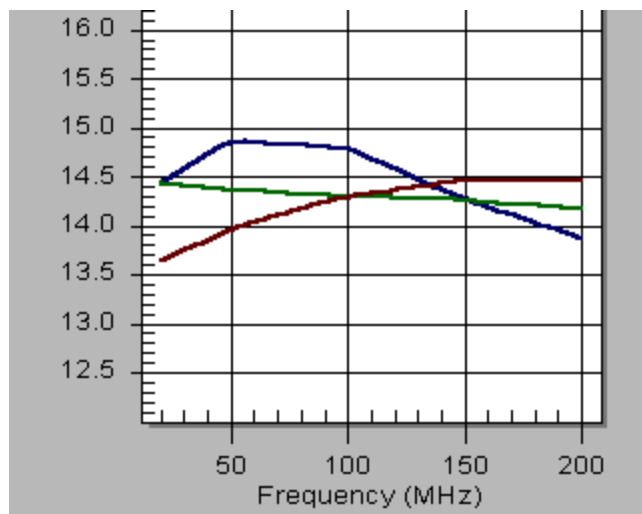


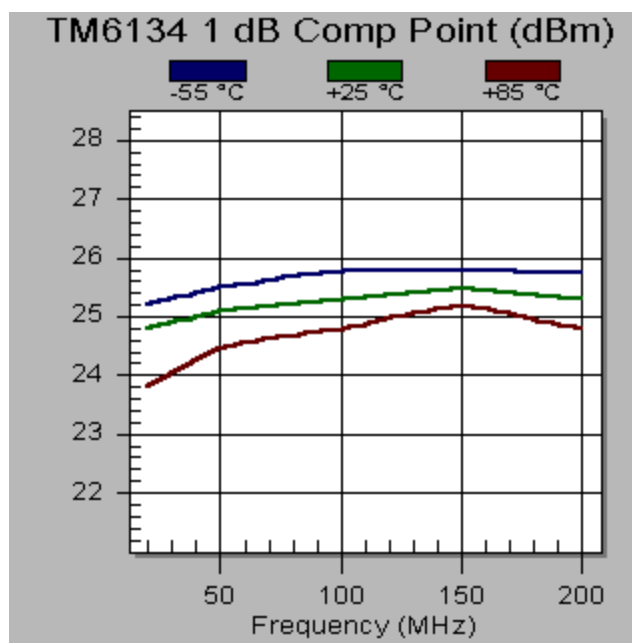
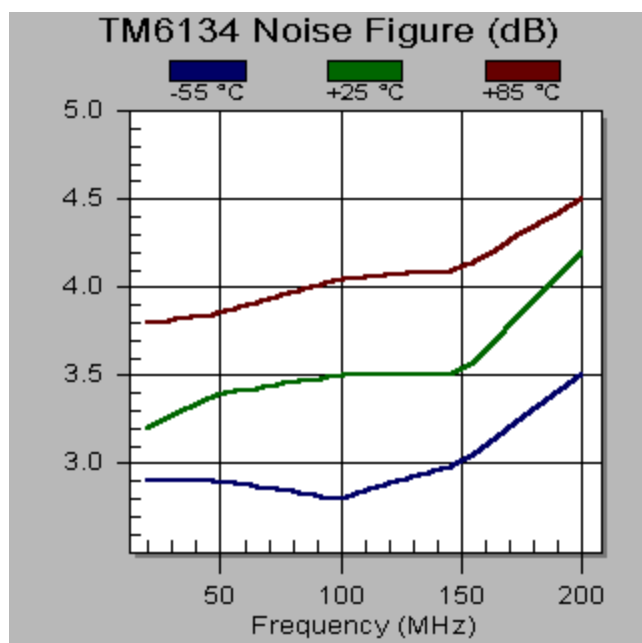
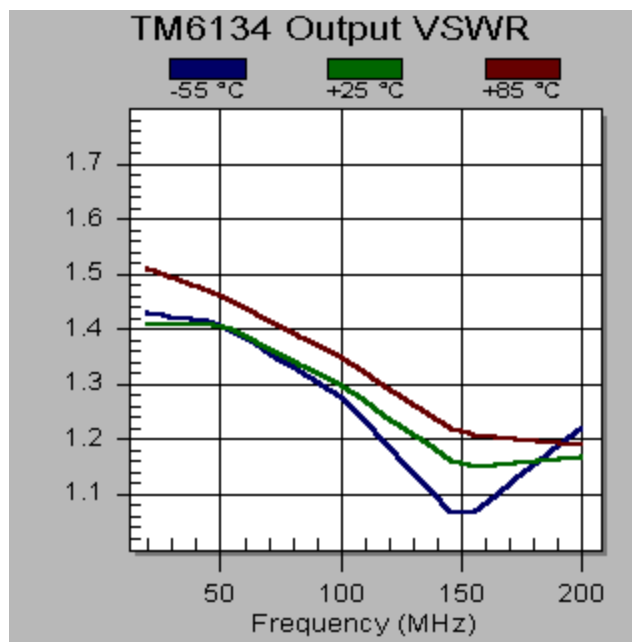
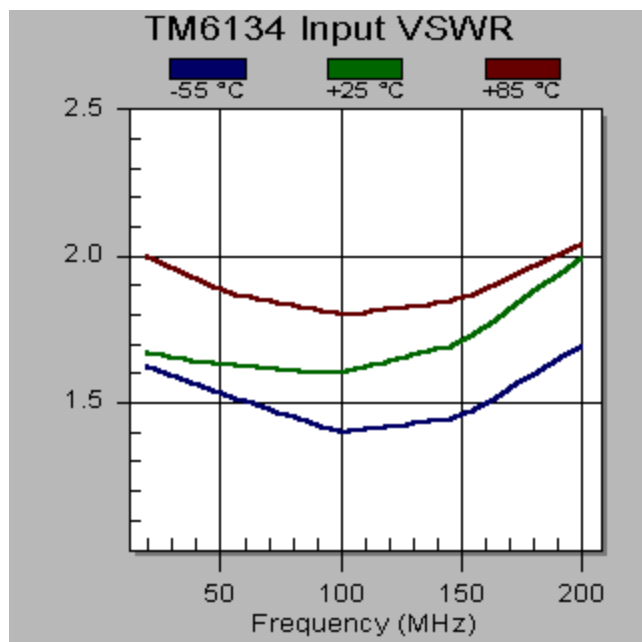
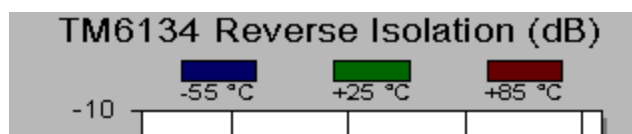
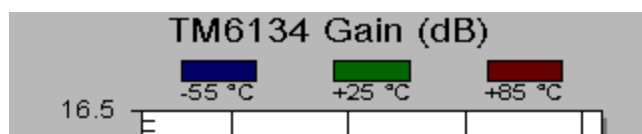
TM6134

Product Data Summary

Parameter	Min/Max	Typical
Operating Frequency	20 - 200 MHz	
Noise Figure	6.0 dB	4.0 dB
Gain	12.5 dB	14.3 dB
Power Output (1 dB Compression)	+23.0 dBm	+26.0 dBm
2nd Order Intercept		+54.0 dBm
3rd Order Intercept		+39.0 dBm
Reverse Isolation	-15.0 dB	-17.0 dB
VSWR Input	2.5:1	1.6:1
VSWR Output	2.5:1	1.4:1
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
20	0.250	-179.0	5.27	180.0	0.1300	179.0	0.170	7.0
50	0.240	175.0	5.23	165.0	0.1300	163.0	0.170	-10.0
100	0.230	173.0	5.19	146.0	0.1300	144.0	0.130	-34.0
150	0.260	178.0	5.17	127.0	0.1400	125.0	0.070	-80.0
200	0.330	178.0	5.11	108.0	0.1500	107.0	0.080	162.0

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