

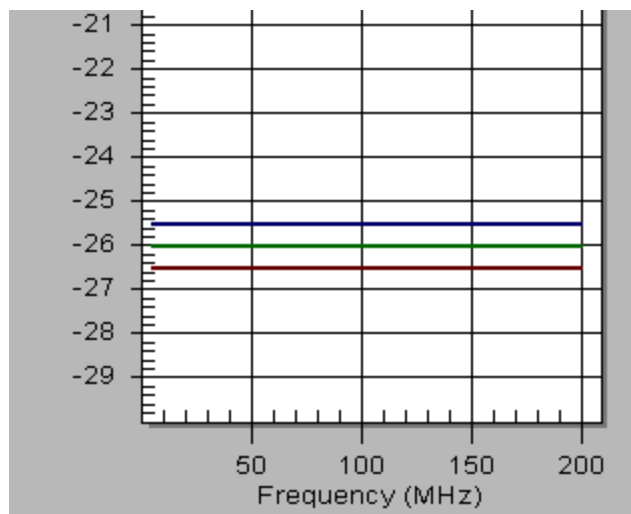
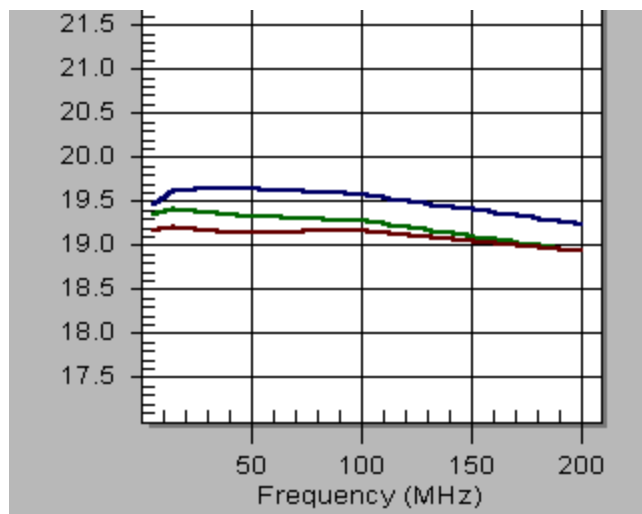


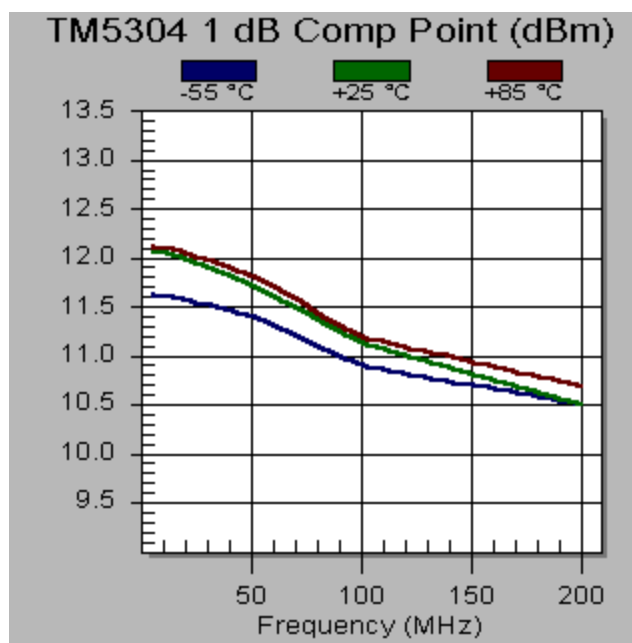
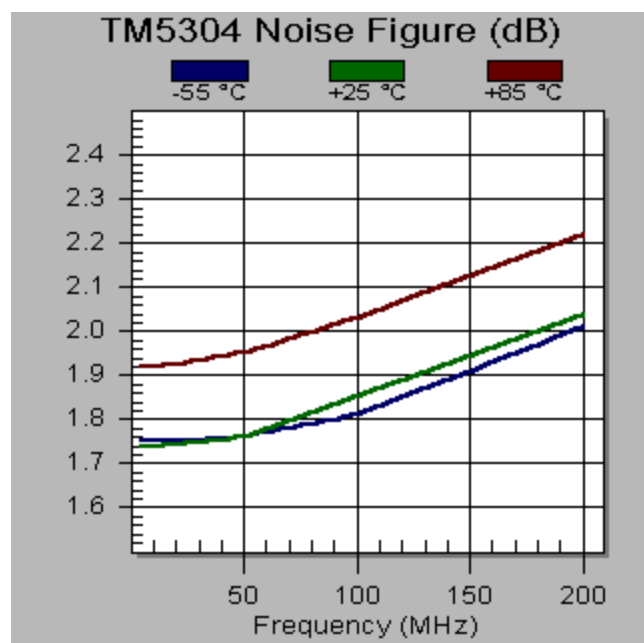
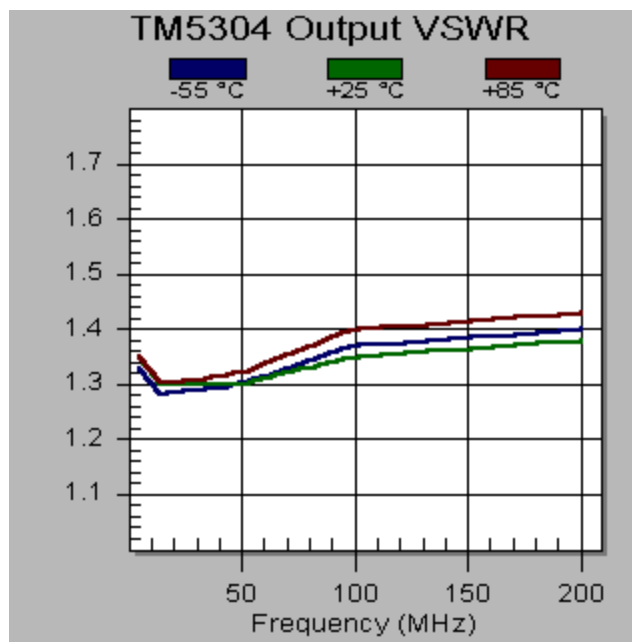
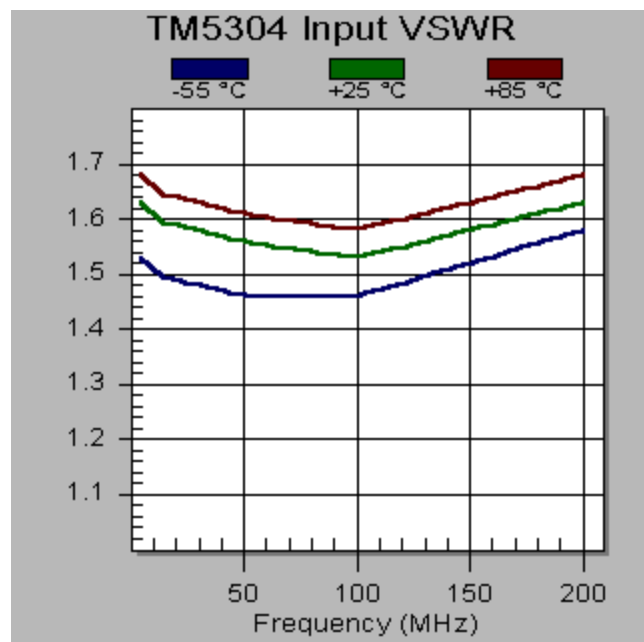
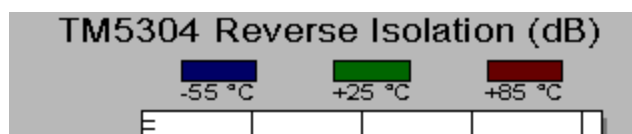
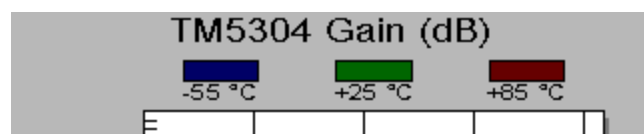
TM5304

Product Data Summary

Parameter	Min/Max	Typical
Operating Frequency	5 - 200 MHz	
Noise Figure	3.0 dB	2.5 dB
Gain	18.5 dB	19.5 dB
Power Output (1 dB Compression)	+9.5 dBm	+10.5 dBm
2nd Order Intercept		+33.0 dBm
3rd Order Intercept		+25.0 dBm
Reverse Isolation	-25.0 dB	-26.0 dB
VSWR Input	2.0:1	1.8:1
VSWR Output	2.0:1	1.5:1
DC Voltage		15.0 V
DC Current		24.0 mA

Typical Performance





Packaging Options

S-Parameters

Frequency	S11		S21		S12		S22	
(MHz)	Mag	Ang	Mag	Ang	Mag	Ang	Mag	Ang
5	0.240	-18.0	9.29	-173.0	0.0500	-172.0	0.150	-29.0
10	0.230	-14.0	9.37	180.0	0.0500	-179.0	0.130	-18.0
50	0.220	-32.0	9.27	160.0	0.0500	157.0	0.130	-19.0
100	0.210	-65.0	9.20	138.0	0.0500	137.0	0.150	-37.0
200	0.240	-145.0	8.85	94.0	0.0500	89.0	0.160	-82.0

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