

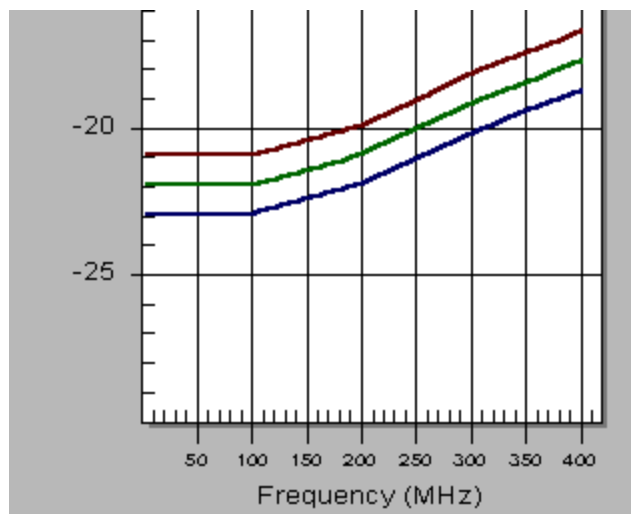
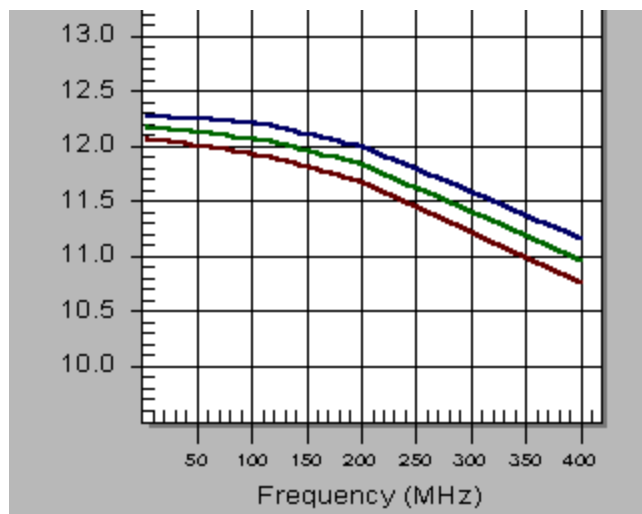


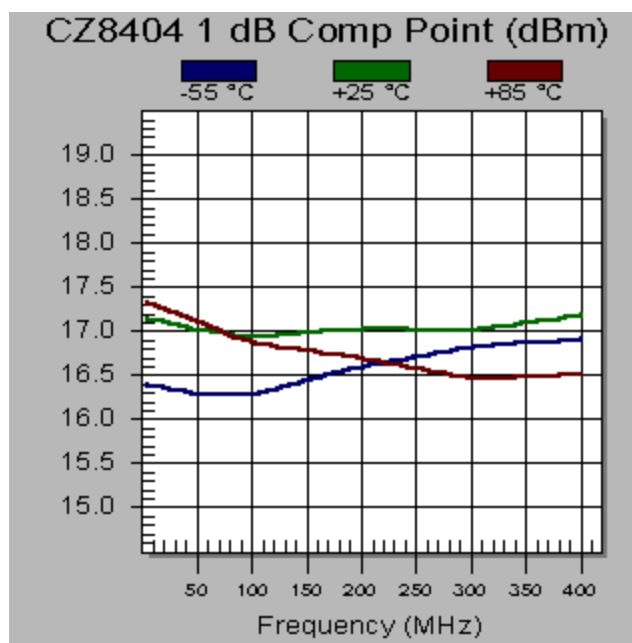
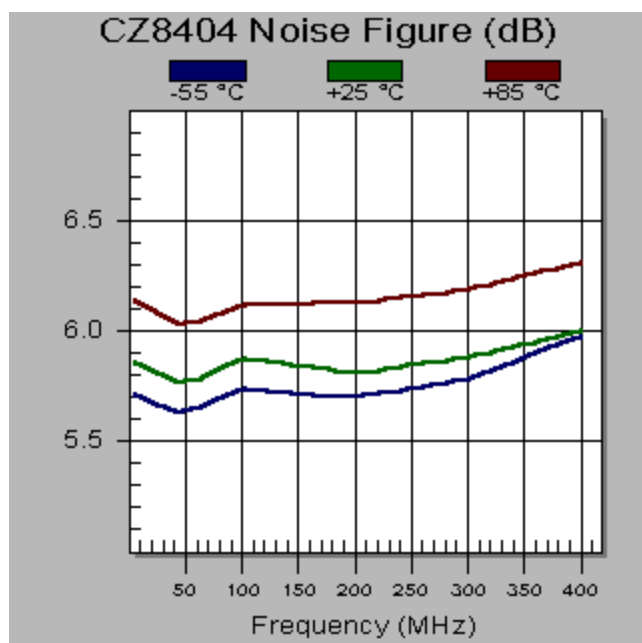
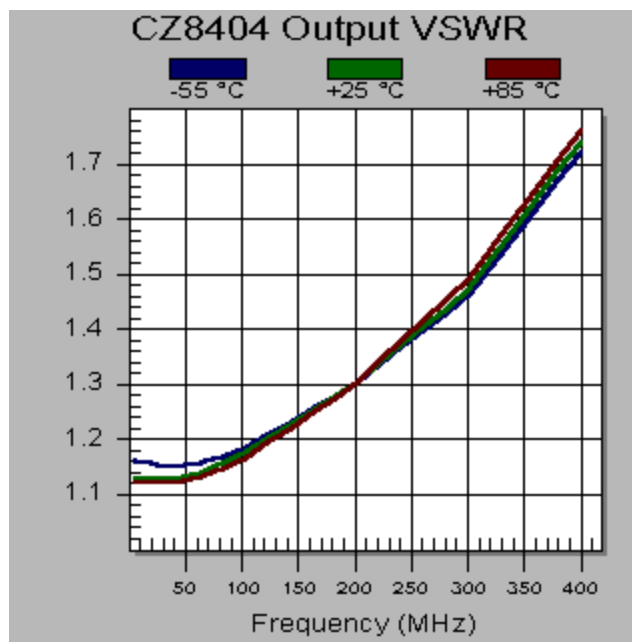
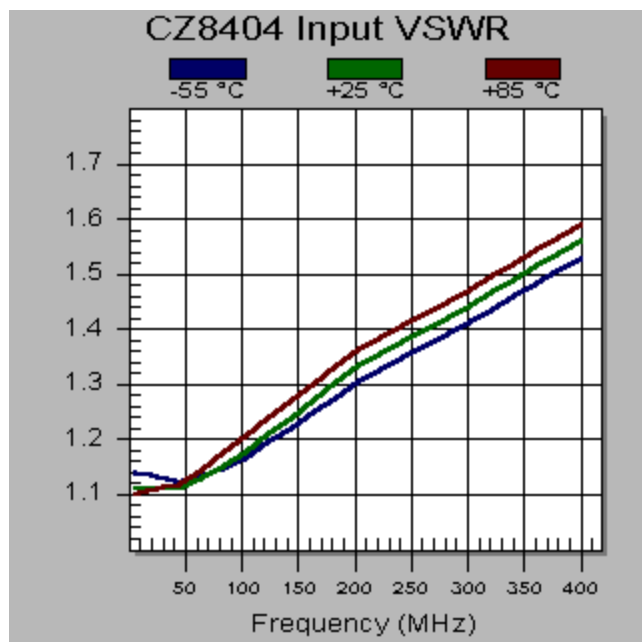
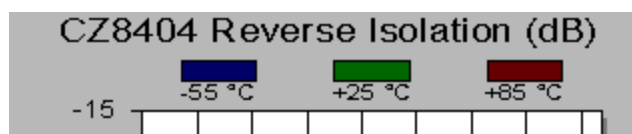
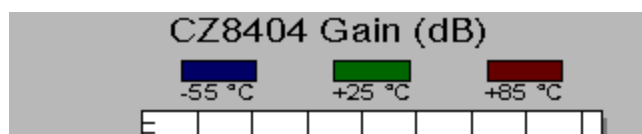
CZ8404

Product Data Summary

Parameter	Min/Max	Typical
Operating Frequency	5 - 400 MHz	
Noise Figure	7.5 dB	6.5 dB
Gain	9.0 dB	10.5 dB
Power Output (1 dB Compression)	+15.0 dBm	+17.0 dBm
2nd Order Intercept		+39.0 dBm
3rd Order Intercept		+30.0 dBm
Reverse Isolation	-16.0 dB	-17.5 dB
VSWR Input	2.0:1	1.5:1
VSWR Output	2.0:1	1.8:1
DC Voltage		15.0 V
DC Current		65.0 mA

Typical Performance





Packaging Options

S-Parameters

Frequency	S11		S21		S12		S22	
(MHz)	Mag	Ang	Mag	Ang	Mag	Ang	Mag	Ang
5	0.050	-145.0	4.06	-178.0	0.0800	4.0	0.060	-30.0
50	0.050	-144.0	4.04	165.0	0.0800	1.0	0.060	-48.0
100	0.080	-142.0	4.02	151.0	0.0800	2.0	0.080	-77.0
200	0.140	-153.0	3.91	121.0	0.0900	0.0	0.130	-113.0
300	0.180	179.0	3.72	92.0	0.1100	-4.0	0.190	-138.0
400	0.220	139.0	3.53	62.0	0.1300	-17.0	0.270	-162.0

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