

Mighty-Mouse 2 (MM2)	VDC input 2.5V~5.5V
Frequency	1575.42MHz
Bandwidth	2.046MHz w/RF filter for HE
Operation Temperature	-40 ~ +85°C
Storage Temperature	-40 ~ +85°C
Water Proof - Relative Humidity	1 hour in 1 foot Water - 0% ~ 80%
<i>Ceramic Patch Antenna + Three stage LNA PreAmp/Amp and filter</i>	
System Gain at Freq.	29 dBi at 90°elevation
Output V.S.W.R. at Freq.	2 max
Current Consumption	5 mA at all input voltages 2.5 ~ 5.5VDC
Impedance	50 ohm
Cable Loss RG-174 (5 meters) at Freq.	7 dB
Mounting	Magnet & metal base plate & Velcro
<i>Patch Antenna</i>	
Polarization	R.H.C.P.
Gain at Freq.	3 dBi at 90°elevation
Axial Ratio at Freq.	3 dBi at 90°elevation
V.S.W.R. at Freq.	2 max typical 1.7
Impedance	50 ohm
<i>Pre-Amplifier & Amps</i>	
PreAmp. Gain at Freq.	26 dB
Noise Figure at Freq.	1.6 dB typ.
V.S.W.R. at Freq.	2 max typical 1.7
Impedance	50 ohm
Operational Voltage Input on center pin	2.5V ~ 5.5V

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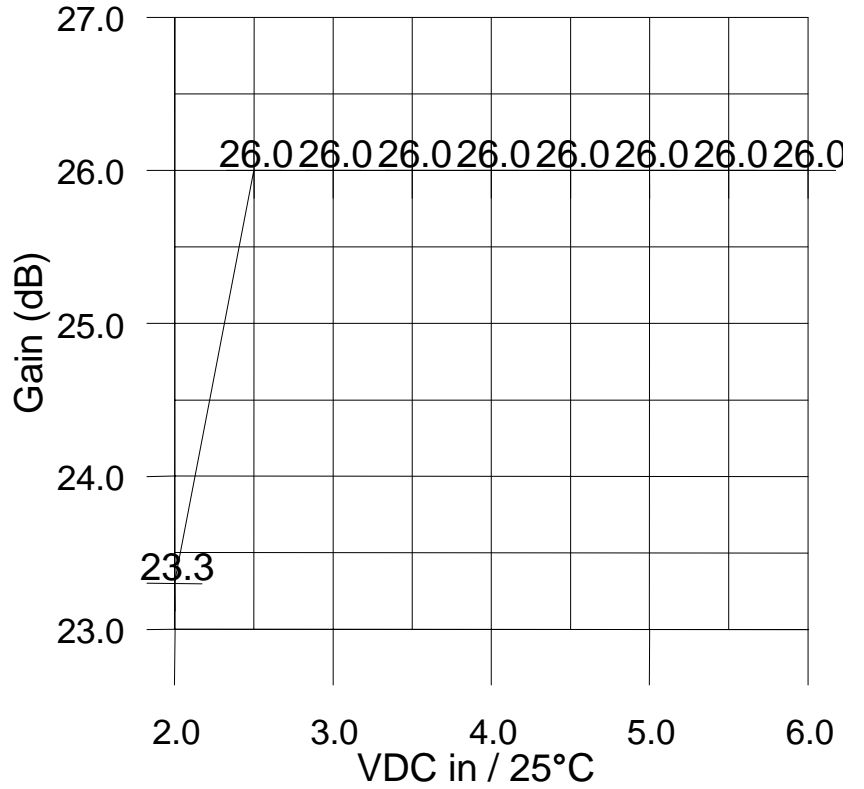
Tel: 604 – 527-1100 Fax.: 604-527-1110

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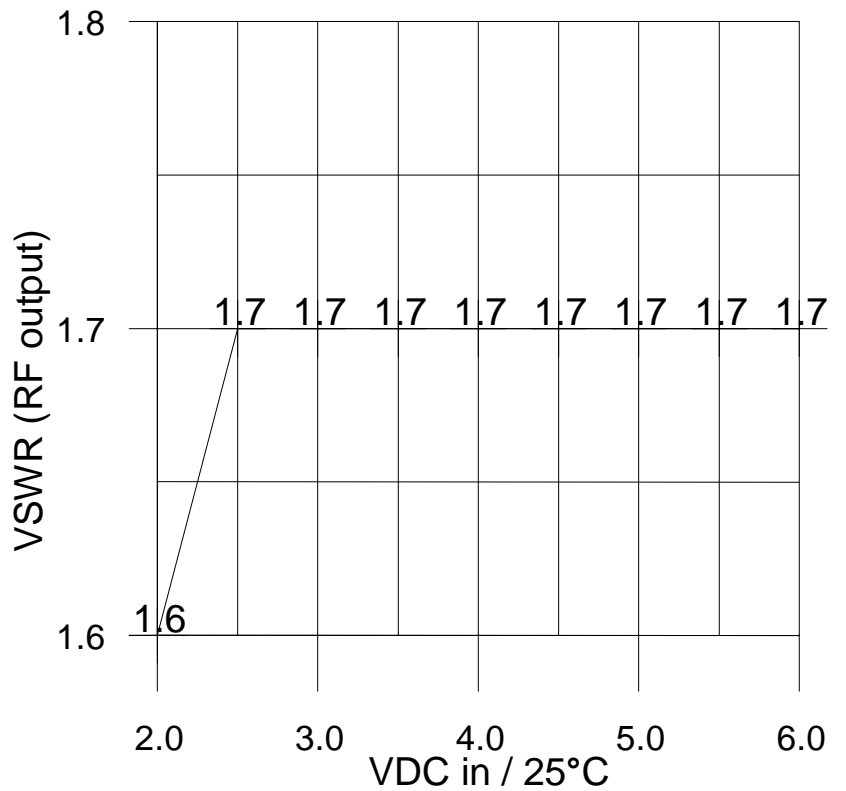
e-mail: info@tri-m.com

web site: www.tri-m.com

MM2 test results:
**dB gain over operational
input voltage range. @25°C**



MM2 test results:
**VSWR over operational
input voltage range. @25°C**



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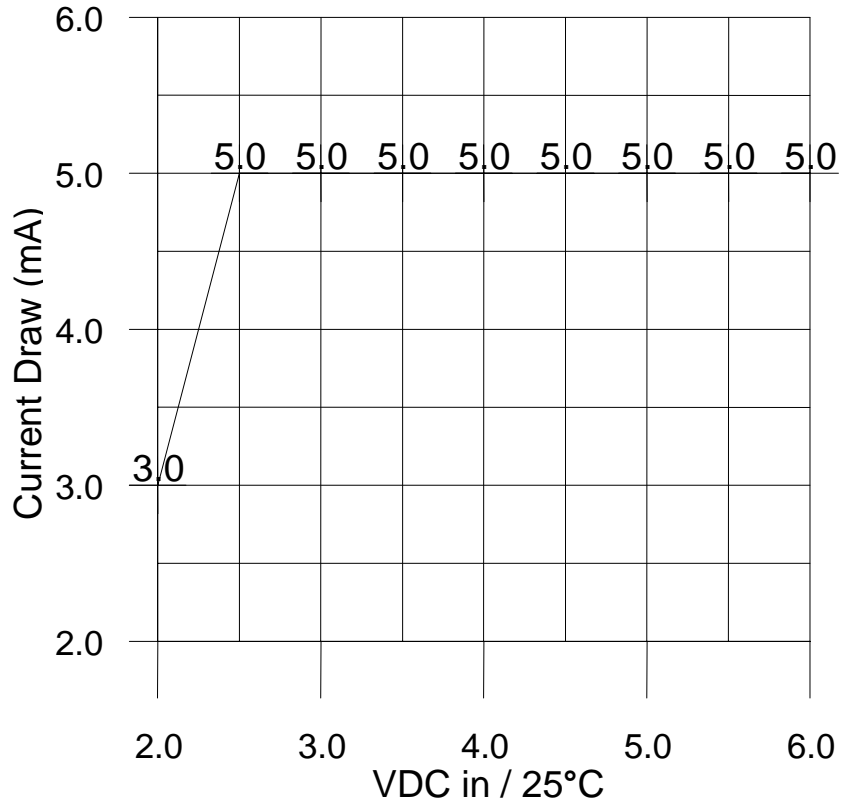
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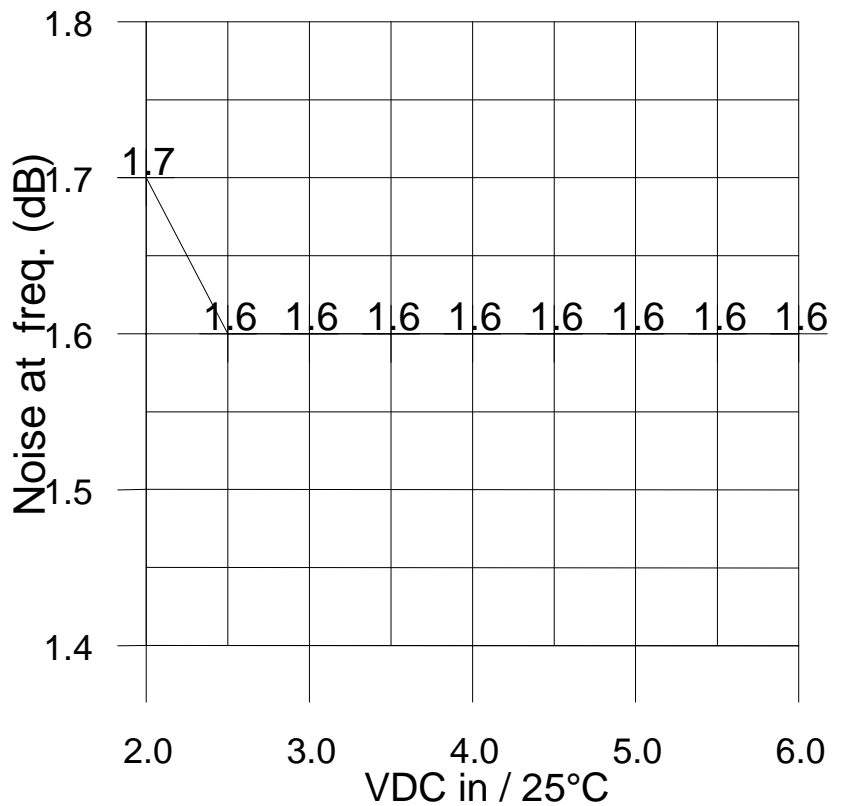
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MM2 test results:
Current Draw over operational input voltage range. @25°C



MM2 test results:
Noise at Frequency over input voltage range. @25°C



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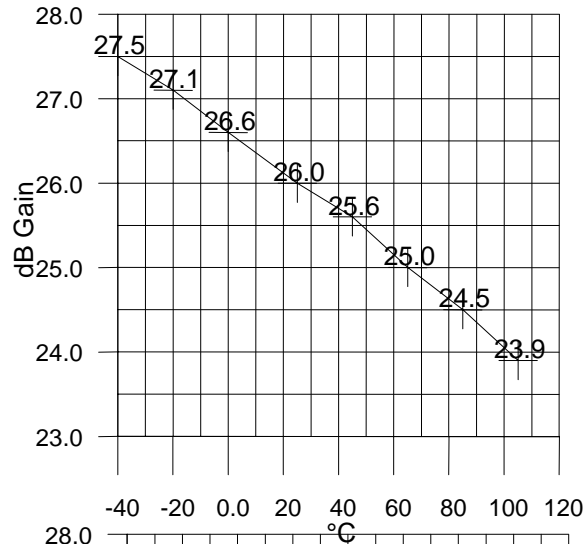
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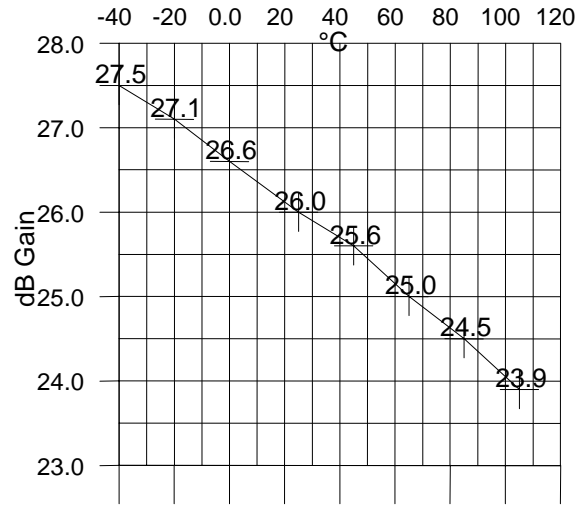
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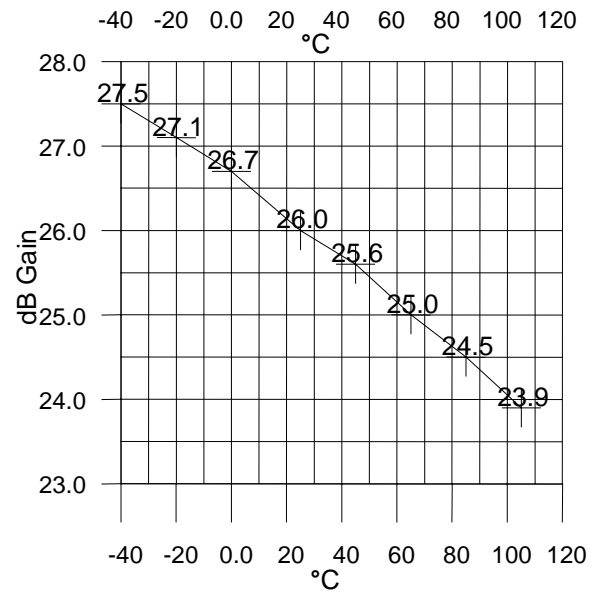
MM2 test results:
dB gain over operational temperature range at input voltage of 2.5VDC.



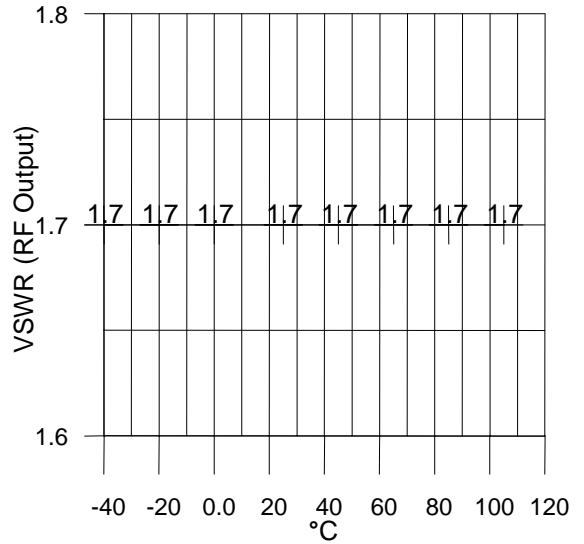
MM2 test results:
dB gain over operational temperature range at input voltage of 3.3VDC.



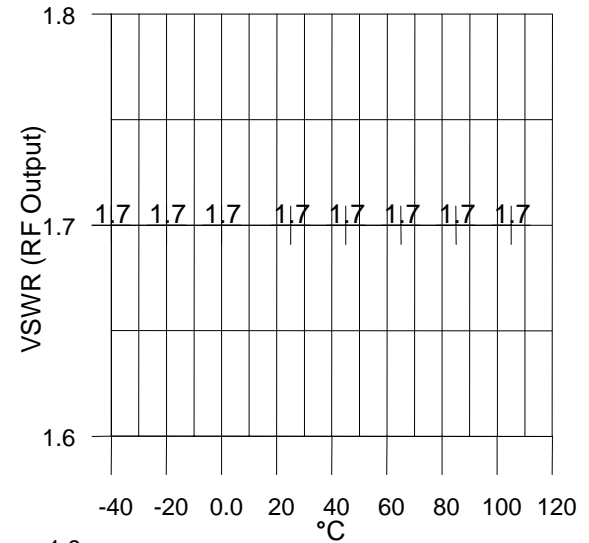
MM2 test results:
dB gain over operational temperature range at input voltage of 5.5VDC.



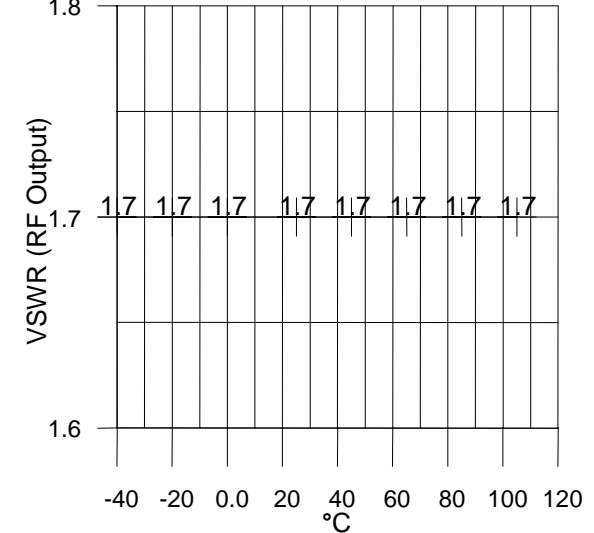
MM2 test results:
**VSRW (RF Output) over
operating range temperature
at input voltage of 2.5VDC.**



MM2 test results:
**VSRW (RF Output) over
operating range temperature
at input voltage of 3.3VDC.**



MM2 test results:
**VSRW (RF Output) over
operating range temperature
at input voltage of 5.5VDC.**



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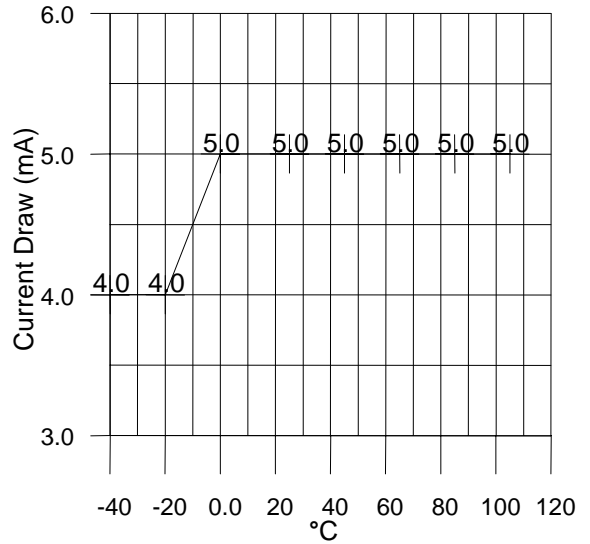
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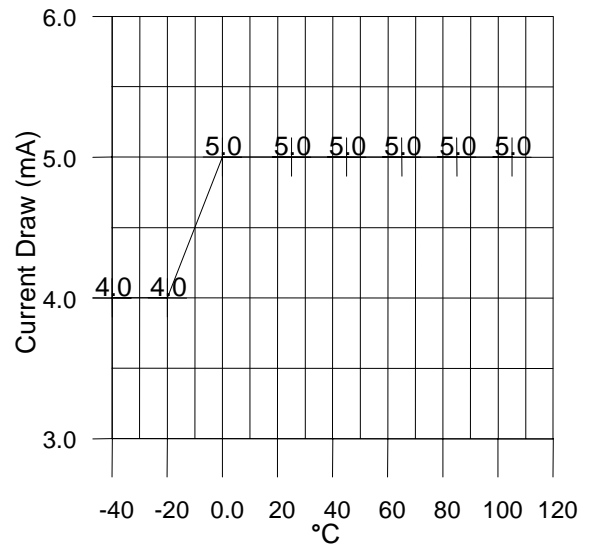
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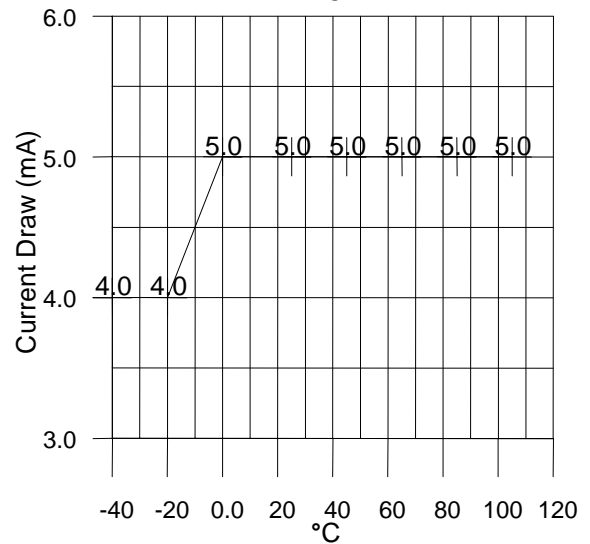
MM2 test results:
Current draw over operating range temperature at input voltage of 2.5VDC.



MM2 test results:
Current draw over operating range temperature at input voltage of 3.3VDC.



MM2 test results:
Current draw over operating range temperature at input voltage of 5.5VDC.



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