

# Noise Worksheet

			Measured Data			Legend:			
Enter Resistor Under Test (k ohms)	Corrected R for input R	Theoretical 1 Hz NBW nV calc	AMP Vout AC mV	AMP Vout AC mV corrected for input noise	1 Hz NBW calculated from AMP Vout nV / Rt Hz calc	Enter AMP Gain	Enter AMP Bandwidth		
<b>0.0099</b>	0.01	0.4	<b>14.60</b>	3.4	0.4	588000	182		
<b>0.0498</b>	0.05	0.9	<b>15.94</b>	7.2	0.9				
<b>0.0996</b>	0.10	1.3	<b>17.50</b>	10.2	1.3				

  

Input R kilo ohms:	20000
Input Noise (mV at output)	14.20
Temperature degrees F	84.0
Calculated Temperature Centigrade	28.9
Kelvin	302

  

AMPLIFIER NOISE FLOOR nV / rt Hz	1.8
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