

**Table 1 – D1.013. Measurement Results for Potentiometer.** Resistances set between the center pin and 1<sup>st</sup> outer pin are: (i) 0 k $\Omega$ , (ii) 5 k $\Omega$ , (iii) 10 k $\Omega$ , (iv) 15 k $\Omega$ , and (v) 20 k $\Omega$ .

Measurements	(i)	(ii)	(iii)	(iv)	(v)
1 <sup>st</sup> Outer Pin (k $\Omega$ )	0.253	4.04	8.993	13.929	19.185
2 <sup>nd</sup> Outer Pin (k $\Omega$ )	19.19	15.057	10.05	5.06	0.223
Column Sum (k $\Omega$ )	19.443	19.097	19.043	18.989	19.408
Resistance between Two Outer Pins (k $\Omega$ )	19.33	19.05	19.01	19.03	19.401

Measurement	(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)
Input ( $V_{PP}$ )	0.3	0.5	1.0	1.5	2.0	2.5	3.0	3.5
Output ( $V_{PP}$ )	9.5	15	28.6	28.9	29.1	29.1	29.1	29.1
Gain	31.6	30	28.6	19.26	14.55	11.64	9.7	8.31

**Table 1 D2.005.** Table of Output and Gain for various Input  $V_{PP}$  Values when Power Supply is +/- 15 V.

Measurement	(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)
Input ( $V_{PP}$ )	0.3	0.5	1.0	1.5	2.0	2.5	3.0	3.5
Output ( $V_{PP}$ )	9.5	14.8	22.4	22.8	22.8	22.8	22.9	22.9
Gain	31.6	29.6	22.4	15.2	11.4	9.12	7.63	6.54

**Table 2 D2.006.** Table of Output and Gain for various Input  $V_{PP}$  Values when Power Supply is +/- 12 V.