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Github Repo: <https://github.com/m6jiang/SmartPlug-dlee1995-dtiu-hberns-m6jiang-rnasreld>

1. What is the range of these values:

Envelope min: -80 mv

Max: 1.13 v

Pk-pk 1.2

Audio min: 480 mv

Max: 5.07 V

Pk-pk 4.6V

Gate min:-160mv

Max: 5.15V

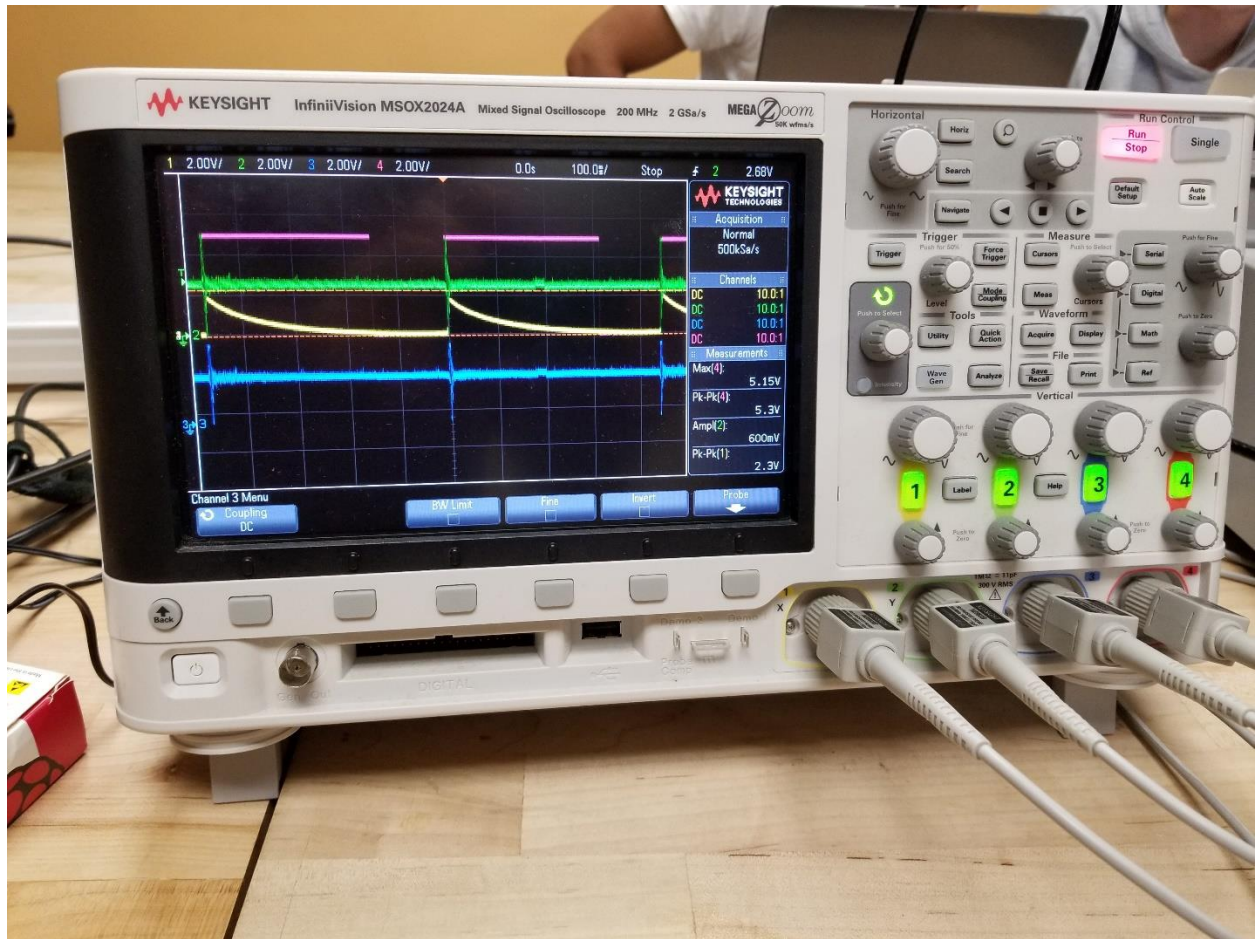
Pk-pk:5.3V

2. Are they what you expect:

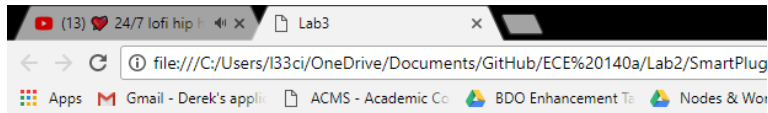
Yes they are given that we are powering with the 3.3V. Envelope seems to be initially incorrect.

3. Are they correct:

No, because the logic values are incorrect, it needs to be lowered to 3.3 to match.



Website:



Lab 3 ECE 140a

Celsius	Light	Envelope	Fahrenheit	Humidity
26.399999618530273	735	31	79.51999931335449	28.799999237060547
26.399999618530273	684	32	79.51999931335449	28.799999237060547
26.399999618530273	734	34	79.51999931335449	28.700000762939453
26.399999618530273	725	32	79.51999931335449	28.700000762939453
26.399999618530273	702	32	79.51999931335449	28.600000381469727
26.399999618530273	720	32	79.51999931335449	28.600000381469727
26.399999618530273	674	30	79.51999931335449	28.5
26.399999618530273	664	29	79.51999931335449	28.5
26.299999237060547	663	29	79.33999862670899	28.600000381469727
26.399999618530273	658	31	79.51999931335449	28.5
26.299999237060547	686	32	79.51999931335449	28.600000381469727
26.299999237060547	676	32	79.51999931335449	28.600000381469727
26.399999618530273	674	29	79.51999931335449	28.5
26.299999237060547	670	29	79.33999862670899	28.5
26.399999618530273	672	32	79.51999931335449	28.5
26.299999237060547	673	31	79.51999931335449	28.399999618530273
26.299999237060547	694	31	79.51999931335449	28.5
26.399999618530273	689	70	79.51999931335449	28.600000381469727
26.299999237060547	691	29	79.51999931335449	28.399999618530273
26.399999618530273	698	31	79.51999931335449	28.5
26.399999618530273	696	26	79.51999931335449	28.600000381469727
26.399999618530273	690	33	79.51999931335449	28.600000381469727
26.399999618530273	725	29	79.51999931335449	28.799999237060547
26.399999618530273	745	30	79.51999931335449	28.600000381469727
26.399999618530273	733	31	79.51999931335449	28.600000381469727
26.399999618530273	737	31	79.51999931335449	28.5
26.399999618530273	734	29	79.51999931335449	28.700000762939453
26.399999618530273	730	29	79.51999931335449	28.799999237060547
26.399999618530273	744	29	79.51999931335449	28.700000762939453
26.399999618530273	734	29	79.51999931335449	28.700000762939453
26.299999237060547	743	31	79.33999862670899	28.600000381469727
26.299999237060547	738	30	79.33999862670899	28.600000381469727
26.299999237060547	734	32	79.51999931335449	28.5
26.299999237060547	743	31	79.33999862670899	28.5
26.299999237060547	733	30	79.33999862670899	28.5
26.299999237060547	744	31	79.33999862670899	28.5
26.299999237060547	740	32	79.33999862670899	28.399999618530273
26.299999237060547	741	29	79.33999862670899	28.399999618530273
26.299999237060547	732	32	79.33999862670899	28.299999237060547
26.299999237060547	736	30	79.33999862670899	28.200000762939453
26.299999237060547	738	29	79.33999862670899	28.200000762939453
26.299999237060547	748	31	79.51999931335449	28.199999237060547

