

# CAPI VP28 Rev B Test Points

## **\*\*Overview\*\***

Test Point measurements of the VP28 Rev B audio path really only need to be carried out if your module does not pass audio at unity gain. The following results were obtained with an AP Portable One as the signal generator and a Fluke 177 as the measurement device. The source impedance was set to 150Ω. The module was in “line in” mode so all switches should be disengaged.

## **\*\*Setup\*\***

1. Set your signal generator to provide a +4dBu sine wave @ 400Hz. I recommend 400Hz since many DMM's are not accurate when trying to read 1kHz or the like.
2. This should be verified with your DMM before proceeding. Set your DMM to read AC volts. With nothing connected to the output of your generator, assuming a balance device with an XLR, connect your red probe to pin 2 and black probe to pin 3. Your DMM should read 1.228V AC. Adjust your generator as required to achieve this 1.228V AC. FYI, you can use a DAW for this. The output level will depend on your dBFS reference. Something like -14dBFS should be a good starting point.
3. Once the above has been verified, prepare the VP28 as specified in the Overview section above. Couple the generator to the module and apply the sine wave signal.

## **\*\*Proper Results\*\***

**TP1** = 111.1mV AC

**TP2** = 697mV AC

**TP3** = 1.26V AC

**TP4** = 310.8mV AC

**TP5** = 310.8mV AC

**TP6** = 310.8mV AC

**TP7** = 651.5mV AC

Module's output = 1.297V AC



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