

Pulses in the audio signal in MiniDSP Flex 8. S.no: 908-1096

Measurement equipment: Picoscope 5443D 16 bits 100MHz scope.



MiniDSP Device Console

Version: 1.0.0-beta.5



Flex Eight

Serial#: 1096

USB

VID: 10066 PID: 18

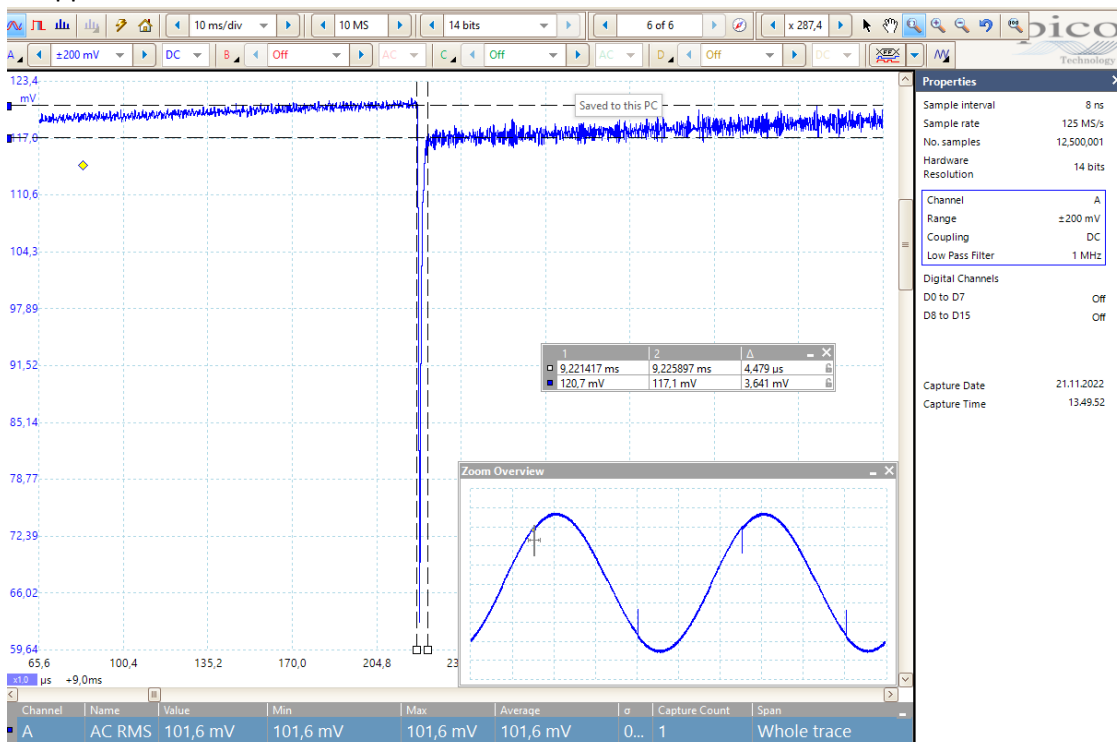
Firmware Versions

MCU: 1.54

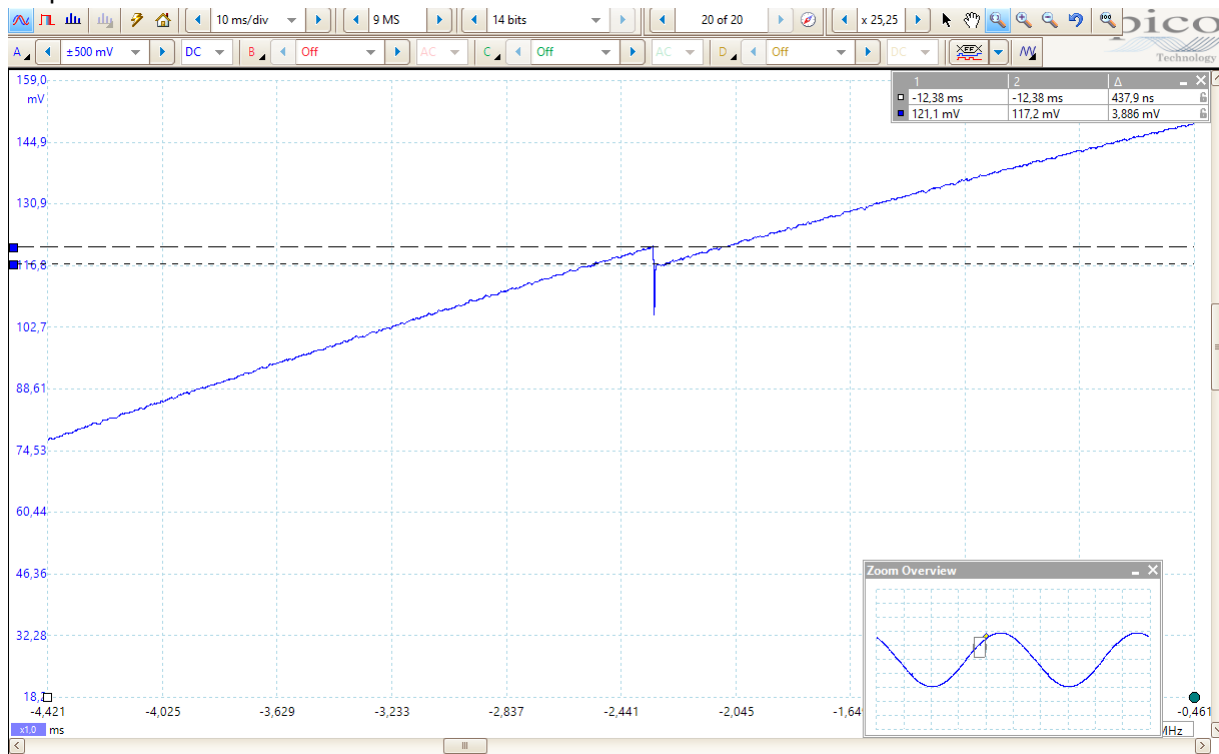
DSP: 1.7

OK

I experienced the pulses shown blow at certain volume settings. It's a sharp negative pulse with very high frequency, but the real audible issue is the step in level of about 4mV. On the subwoofer the noise is very audible. Measured on ch5 VS chassis ground. Signal is 20Hz 0.9FS from Audacity. TOSLINK. Volume on MiniDSP is -22dB. Signal amplitude is about 144mVAC. The strange thing is that under 78mV and above 174mV the problem disappears.



First step is to reset the device. Full reset of everything. Reboot. Do no adjustments except from routing the input to output 5.



The pulse is present on all channels, but on channel two and three it is less. Like this:

