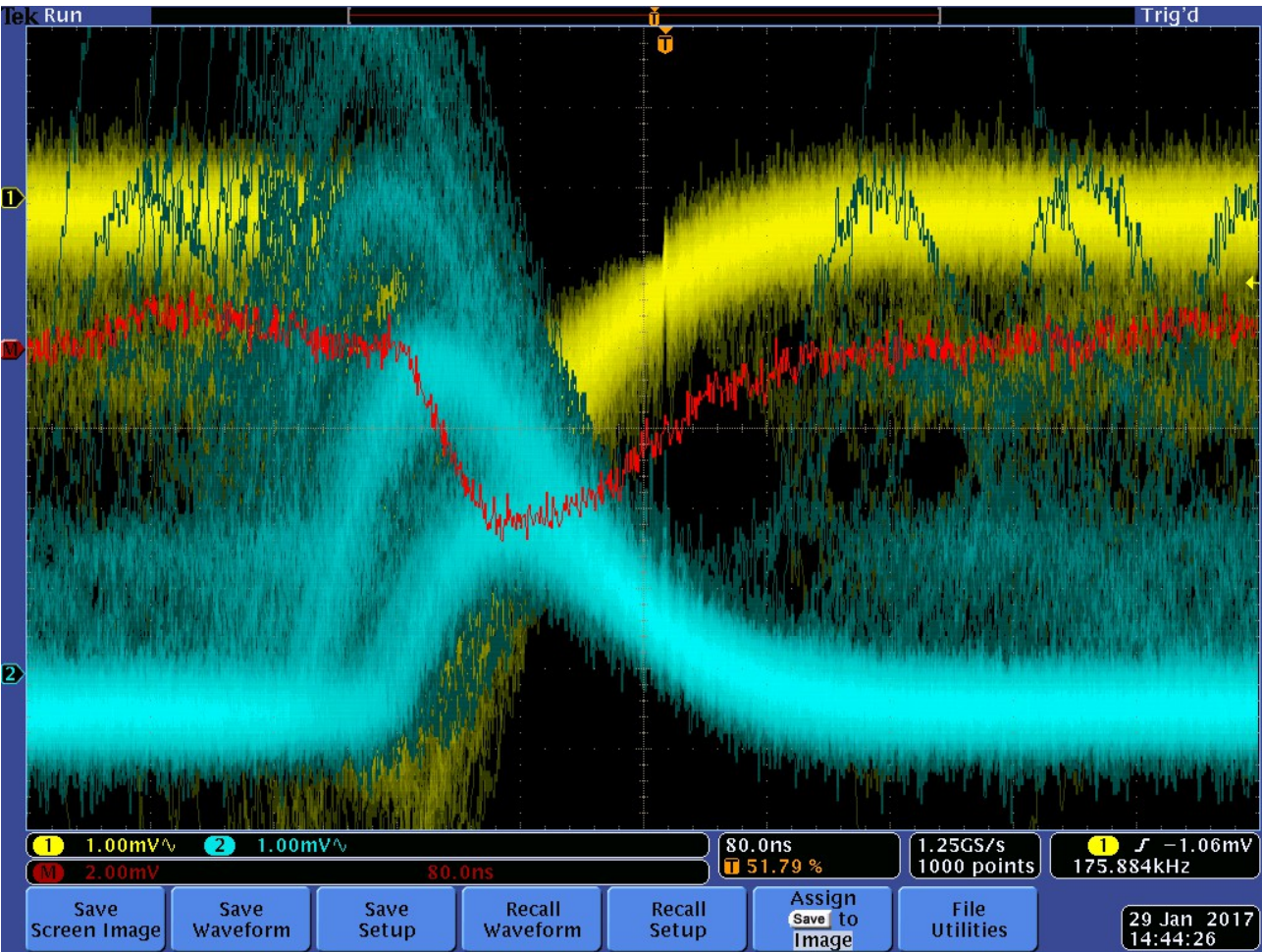


64 cable	SiPm	function	Si Pm connector mirrored	
1	1	GND		
2	2	GND		
3	3	Cathode	4	
4	4	Anode	3	
5	1	GND	1	
6	2	GND	1	
7	3	Cathode	4	
8	4	Anode	3	
9	1	GND	1	
10	2	GND	1	
11	3	Cathode	4	
12	4	Anode	3	
13	1	GND	1	
14	2	GND	1	
15	3	Cathode	4	
16	4	Anode	3	
			1	?
			1	?

Functional all working (HV , trims , temperature)

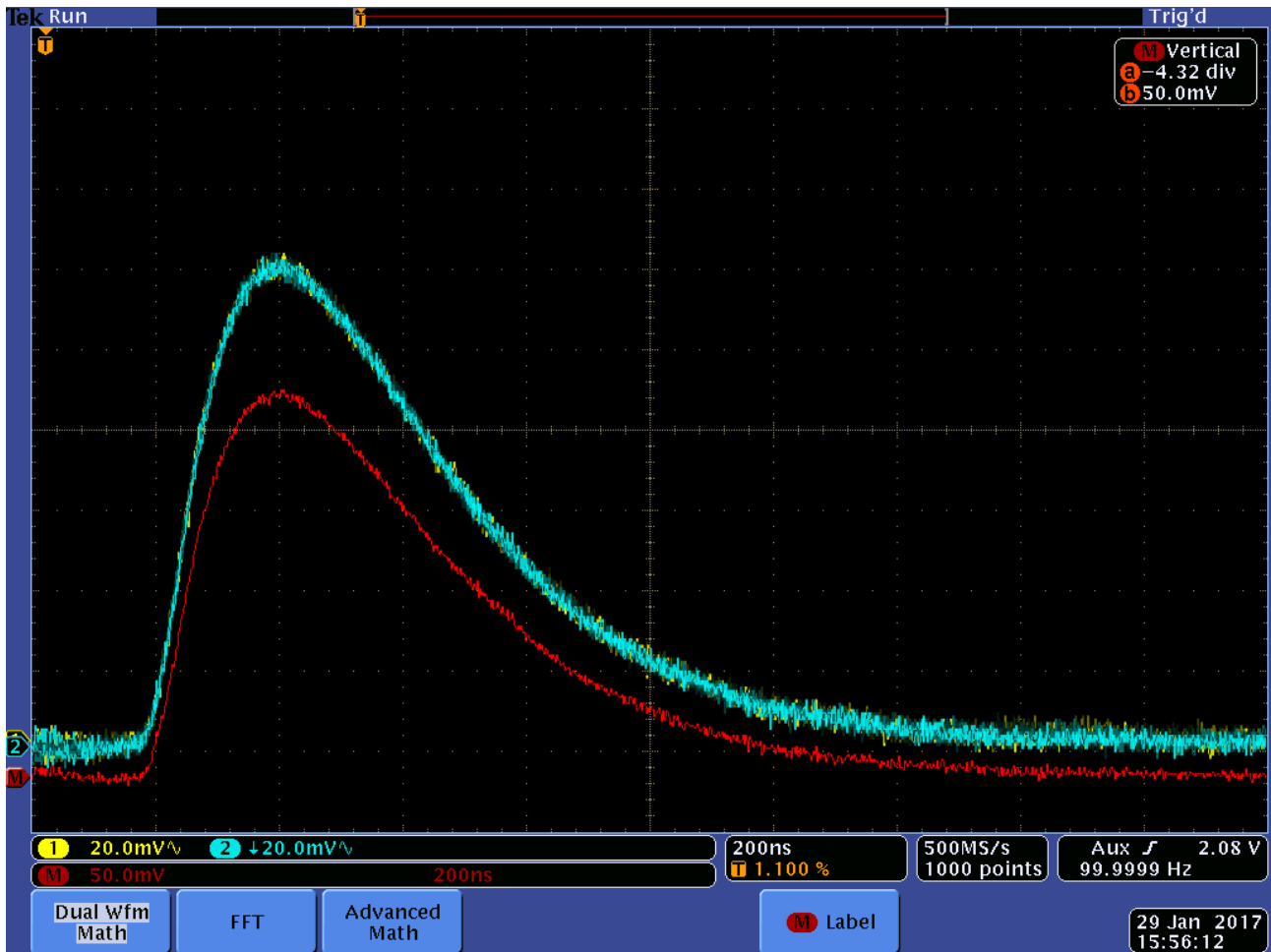
Amplifier response

Si Pm



Impulse response

Not sure about the amplitude , to be checked.



Power up problem

Sometimes -3V is faster then +5 V , result 5 V doesn't go up .

In case -3V is off , output of the -3V regulator goes to +3 V => 4 and 3 V on the ouputs of the amplifier . => need diode at the -3 V output