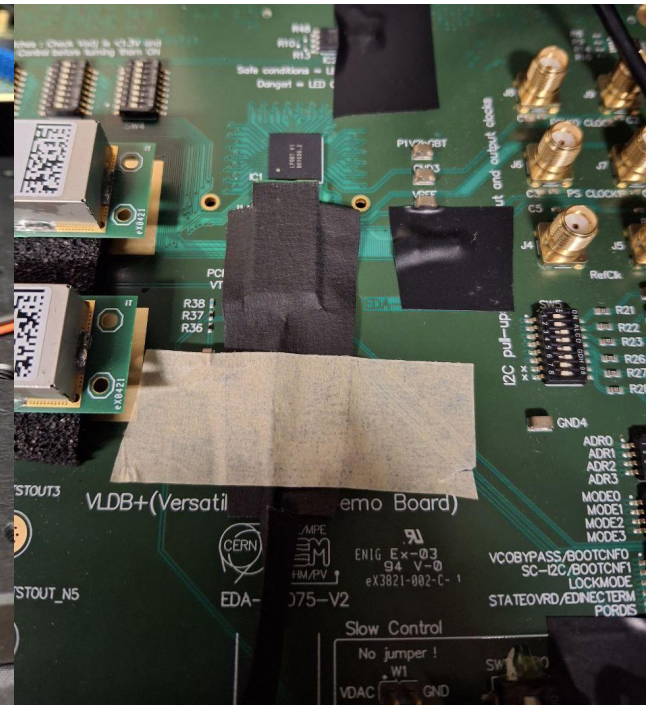
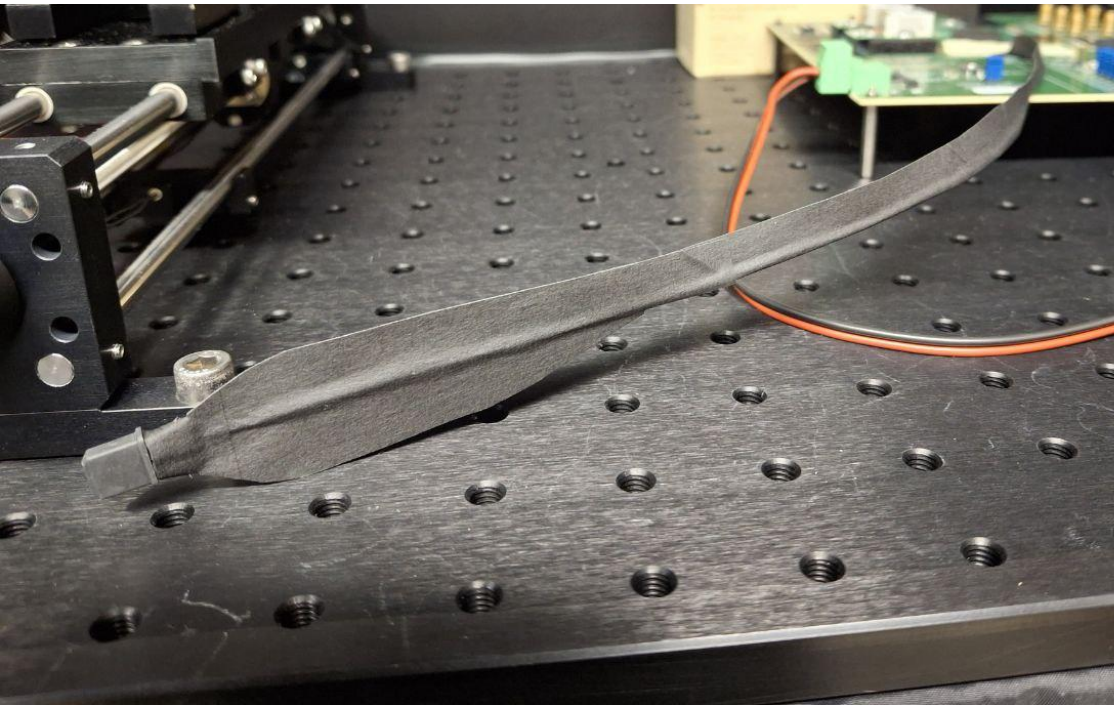
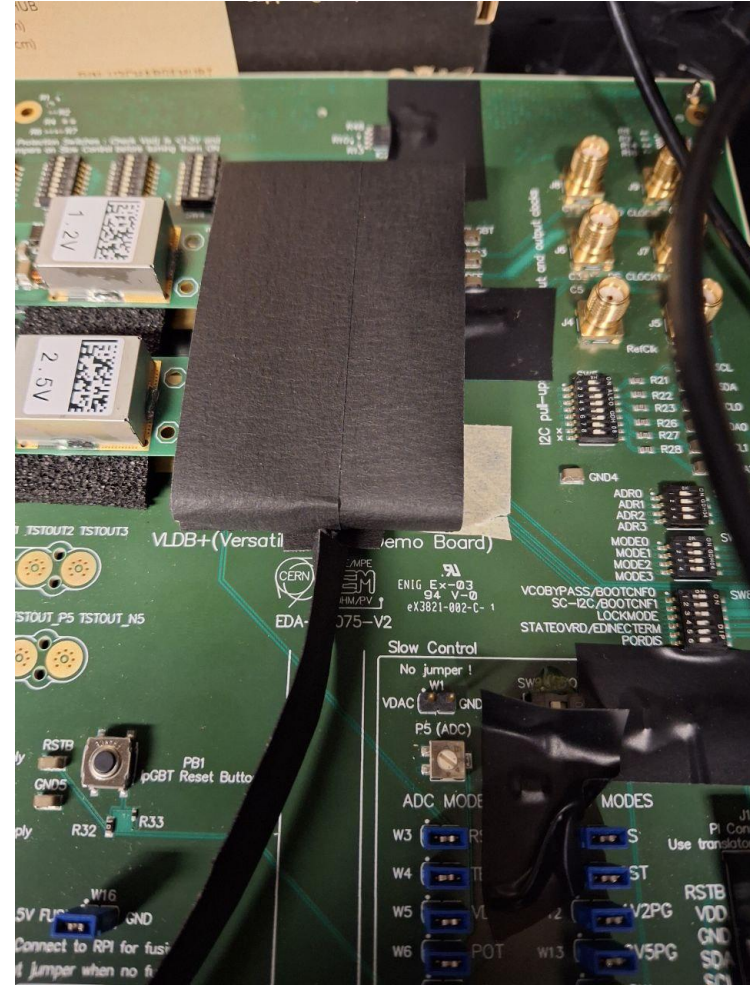
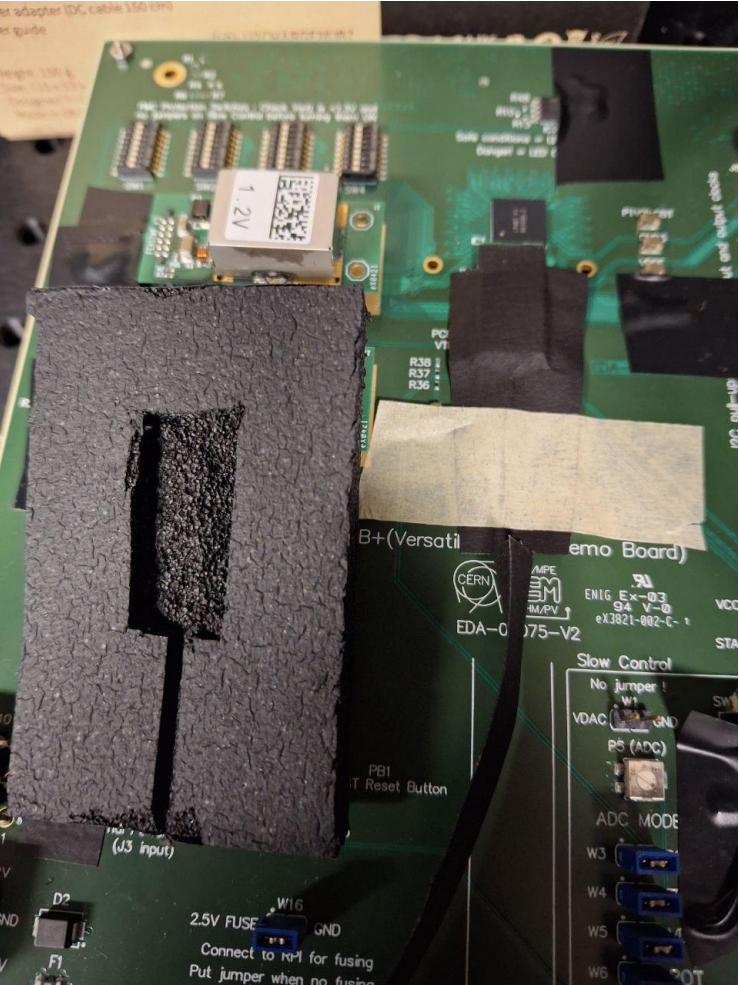


Black Tape Performance

Incident Power	Measured Output Power (% Transmittance)		
	T137-2.0 Masking Tape	T743-2.0 High-Performance Masking Tape	T205-2.0 Aluminum Foil Tape
1.07 mW at 635 nm	1.34 μ W (0.13%)	0.90 μ W (0.08%)	Zero (0%)
4.79 mW at 635 nm	5.92 μ W (0.12%)	0.24 μ W (<0.01%)	Zero (0%)
1.41 mW at 632.991 ^a	3.36 μ W (0.24%)	0.012 μ W (<0.01%)	Zero (0%)
20.34 mW at 850 nm ^b	28.74 μ W (0.14%)	1.04 μ W (<0.01%)	0.0006 μ W (<1 x 10 ⁻⁵ %)



VTRx+



very low light
measured rates with
oscilloscope (4 ms
window)

with VLDB+ on
(400.0 ± 1.8) kHz

with VLDB+ off
(398.4 ± 2.7) kHz

**difference is small &
consistent with zero**
(1.9 ± 3.3) kHz

good news, will move
to climatic chamber for
improved SiPM
precision on rates