

Detector	Efficiency	RMS paddle resolution
8 mm BC422 + S13360-3050PE	99.9 % \pm 0.1 %	53 ps \pm 0.1 ps
12 mm BC422 + S13360-3050PE	99.7 % \pm 0.1 %	58 ps \pm 0.1 ps
5 mm BC422 + S13360-3050PE	99.4 % \pm 0.1 %	60 ps \pm 0.1 ps
5 mm EJ204 + AdvanSiD	99.8 % \pm 0.1 %	68 ps \pm 0.1 ps *
8 mm BC422 + S12572-025P	99.9 % \pm 0.1 %	75 ps \pm 0.1 ps
12 mm BC422 + S12572-025P	99.9 % \pm 0.1 %	75 ps \pm 0.1 ps
5 mm BC420 + S13360-3050PE	99.7 % \pm 0.1 %	77 ps \pm 0.1 ps
8 mm BC422 + S13360-3025PE	99.9 % \pm 0.1 %	78 ps \pm 0.1 ps
5 mm BC420 + AdvanSiD	99.5 % \pm 0.1 %	79 ps \pm 0.1 ps
5 mm EJ204 + S12572-025C	99.9 % \pm 0.1 %	80 ps \pm 0.1 ps
12 mm BC422 + S13360-3025PE	99.8 % \pm 0.1 %	87 ps \pm 0.1 ps
5 mm BC422 + AdvanSiD	99.4 % \pm 0.1 %	88 ps \pm 0.1 ps
5 mm BC422 + S13360-3025PE	99.5 % \pm 0.1 %	94 ps \pm 0.1 ps
5 mm BC422 + S12572-025P	99.8 % \pm 0.1 %	99 ps \pm 0.2 ps **

*Was 94 ps in Dec.2015. Should be re-measured again in October.2016

** Strange. Re-measure it!

- All measurements are done with 46-47 kHz in 2x2 mm²; CFD delay = 2 ns