| Detector | Efficiency | RMS paddle resolution |
|---|---|---|
| 8 mm BC422 + S13360-3050PE | 99.9 % ± 0.1 % | 53 ps ± 0.1 ps |
| 12 mm BC422 + S13360-3050PE | 99.7 % ± 0.1 % | 58 ps ± 0.1 ps |
| 5 mm BC422 + S13360-3050PE | 99.4 % ± 0.1 % | 60 ps ± 0.1 ps |
| 8 mm BC422 + S12572-025P | 99.9 % ± 0.1 % | 75 ps ± 0.1 ps |
| 12 mm BC422 + S12572-025P | 99.9 % ± 0.1 % | 75 ps ± 0.1 ps |
| 8 mm BC422 + S13360-3025PE | 99.9 % ± 0.1 % | 78 ps ± 0.1 ps |
| 12 mm BC422 + S13360-3025PE | 99.8 % ± 0.1 % | 87 ps ± 0.1 ps |
| 5 mm BC422 + S13360-3025PE | 99.5 % ± 0.1 % | 94 ps ± 0.1 ps |
| 5 mm BC422 + S12572-025P | 99.8 % ± 0.1 % | 99 ps ± 0.2 ps |

- All measurements are done with 42-46 kHz in 2x2 mm²; CFD delay = 2 ns

Comparison between December 2015 and May 2016 prototypes

| Detector | Efficiency | RMS paddle resolution | Date |
|---|---|---|---|
| S12572-025C + 5 mm EJ204 | 99.9 % ± 0.1 % | 86 ps | Dec.2015 |
| S12572-025P + 5 mm BC422 | 99.8 % ± 0.1 % | 99 ps | May.2016 |

“S12572-025C + 5 mm EJ204” (86 ps in Dec.2015) and “S12572-025P + 5 mm BC422” measured together at the same time at the same conditions

| Detector | RMS paddle resolution | Date |
|---|---|---|
| S12572-025C + 5 mm EJ204 | 77 ps | 09.June.2016 |
| S12572-025P + 5 mm BC422 | 93 ps | 09.June.2016 |