

**1.5.2015**

Zero-baseline test done in the MPIfR Lab using 2x DBBC3 and 1x R2DBE backends. As input the Haystack (EHT) noise generator was used yielding a 0-2 GHz spectrum with an additional line injected at 600 MHz. The 4 DBBC3 sampling threads were combined into two streams yielding 2 GHz bandwidth each.

Results: inspection of the DBBC3 autocorrelations of the 2 combined streams yielded odd results suggesting that possibly the stream combination procedure is faulty.

A closer look at the characteristic of the individual streams was taken (see [plots](#)).