LYNXTechnik AG®
Broadcast Television Equipment

Processing Delays
OTX5844   ORX5804

Tektronix TG700

Tektronix WFM8300

SDI signal (elec.)

SDI signal (elec.)

OTX5844

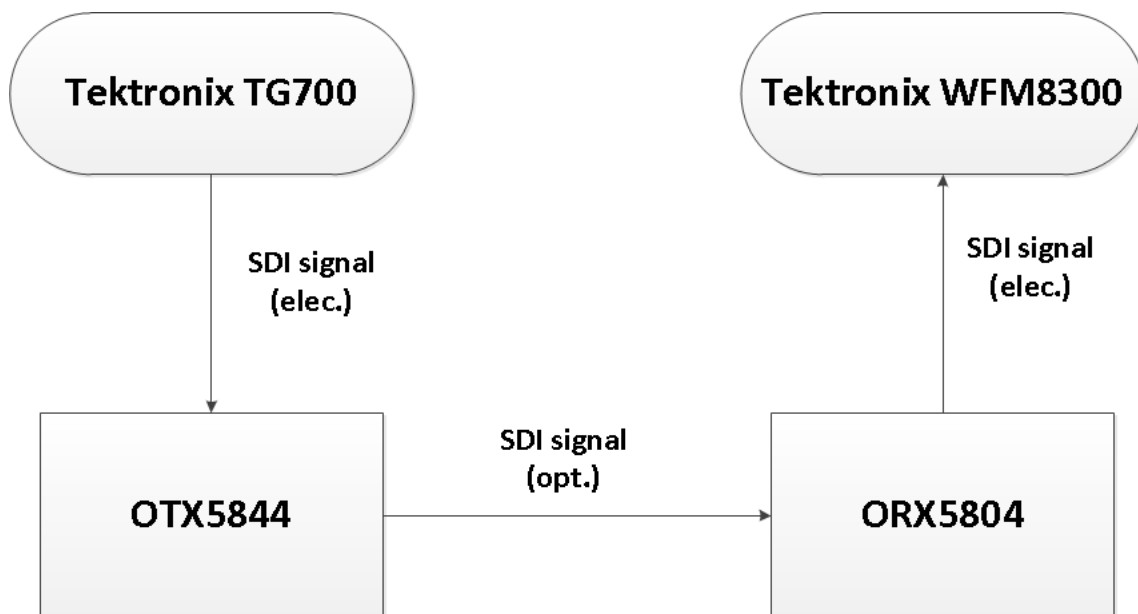SDI signal (opt.)

ORX5804

Please note:

- All processing and audio - video - delays are measured in total of both modules OTX5844 and ORX5804.

- AV measurement inaccuracy varies between -2 ms and 2 ms.

TG700 > OTX5844 > ORX5804 > WFM8300

```
      SDI Input |             Delay-V |               Delay-H |  AV-Delay[ms] |
---------------+---------------------+---------------------+---------------+-
       625i 50 |              0 line |     0.074 us delayed |             1 |
     525i 59.94 |              0 line |         0 us delayed |             1 |
       1080i 50 |              0 line |     0.013 us delayed |             1 |
        720p 50 |              0 line |     0.027 us delayed |             1 |
      1080p 25 |              0 line |     0.027 us delayed |             0 |
        720p 25 |              0 line |     0.027 us delayed |             0 |
    1080i 59.94 |              0 line |         0 us delayed |             1 |
     720p 59.94 |              0 line |     0.013 us delayed |             2 |
    1080p 29.97 |              0 line |     0.013 us delayed |             1 |
       1080i 60 |              0 line |         0 us delayed |             1 |
        720p 60 |              0 line |     0.027 us delayed |             2 |
       1080p 30 |              0 line |     0.013 us delayed |             1 |
        720p 30 |              0 line |     0.013 us delayed |             1 |
       1080p 24 |              0 line |     0.013 us delayed |             0 |
    1080p 23.97 |              0 line |     0.013 us delayed |             0 |
  1080psF 23.97 |              0 line |         0 us delayed |             1 |
     1080psF 24 |              0 line |     0.013 us delayed |             1 |
       1080p 50 |              0 line |     0.013 us delayed |             1 |
       1080p 60 |              0 line |     0.027 us delayed |             1 |
    1080p 59.94 |              0 line |     0.040 us delayed |             1 |
```