

Noise values for continuum observations

The following values were compiled and provided by W. Reich (wreich_at_mpifr-bonn.mpg.de).

| Receiver | Focus | Bandwidth [MHz] | Feeds | Channels | rms total intensity (per sec) [mJy] | rms polarisation (per sec) [mJy] |
|-----------------|-----------|--------------------|-------|----------|--|-------------------------------------|
| 30cm | Primary | 10 | 1 | 2 | 100 | - |
| 21cm | Primary | 20 | 1 | 2 | 10 | 4 |
| 6cm | Secondary | 500 | 1 | 2 | 1.4 | 0.4 |
| 6cm | Secondary | 500 | 2 | 4 | 1.3 | 0.3 |
| 3.6cm (8.0GHz) | Secondary | 200 | 1 | 2 | 2.2 | 1.6 |
| 3.6cm (8.35GHz) | Secondary | 1100 | 1 | 2 | 1.8 | 0.4 |
| 2.8cm | Secondary | 300 | 1 | 2 | 2.4 | 1.4 |
| 2.8cm | Secondary | 300 | 4 | 8 | 2.3 | 0.7 |
| 9mm | Secondary | 4000 | 3 | 4 | 12 | - |

From:

<https://eff100mwiki.mpifr-bonn.mpg.de/> - **Effelsberg 100m Teleskop**

Permanent link:

https://eff100mwiki.mpifr-bonn.mpg.de/doku.php?id=information_for_astronomers:rx:cont_sens 

Last update: **2013/06/03 13:29**