

DSS-43 (Tid 70m) observed at S/X

DVP: Mark5C HOB+1005/16000/1048

```
32x16MHz (8x16MHz S-RCP and 24x16MHz X-RCP)
Channel mapping
Ch1/2 8390 -/+ 16 MHz
Ch3/4 8422 -/+ 16 MHz
Ch5/6 8454 -/+ 16 MHz
Ch7/8 8486 -/+ 16 MHz
Ch9/10 8502 -/+ 16 MHz
Ch11/12 8534 -/+ 16 MHz
Ch13/14 8566 -/+ 16 MHz
Ch15/16 8598 -/+ 16 MHz
Ch17/18 2210 -/+ 16 MHz
Ch19/20 2242 -/+ 16 MHz
Ch21/22 2274 -/+ 16 MHz
Ch23/24 2306 -/+ 16 MHz
Ch25/26 8252 -/+ 16 MHz
Ch27/28 8294 -/+ 16 MHz
Ch29/30 8326 -/+ 16 MHz
Ch31/32 8358 -/+ 16 MHz
```

Note: It appears the S-band IF is mixed up with other DSS-36 (other BWG antenna) S-band IF, expecting degrading sensitivity between 8290 MHz and 8410 MHz, especially until 20:25 UT when DSS-36 was tracking at X-band. Most affected channels would be Ch2, 3, 27, 28, 29, 30, and 31.

LBA-DR: QNAP Tidbinbilla-B

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2x64MHz (X-RCP/LCP 8422 MHz +/- 32MHz)
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DOY 258

16:37:00 LBA-DR started recording

16:37:04 On source 0537-441

16:40:00 DVD Started recording

17:00:00 - 17:02:00 missed 0514+330 due to pointing error

17:04:04 On source FRB12110

17:04:11 X-Band Tsys 40.9 K

17:04:21 S-band Tsys 32.4 K

23:20:00 end of schedule, DVP finished recording

23:25:41 Antenna hit elevation limit

23:30:00 Stop LBA-DR recording

Last
update: 2017/10/05 09:07 lbaops:lbasep2017:frb12110tilog <https://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/lbasep2017/frb12110tilog?rev=1507154864>

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