

```

remote
refid
st t when poll reach delay offset jitter
=====
pll offset: 2.331e-06 s
pll frequency: 34.097 ppm PPS (2) .EXT. 0 1 - 16 0 0.000 0.000 0.002
maximum error: 0.001013 s +PPS (3) .OCXO. 0 1 - 16 377 0.000 0.001 0.003
estimated error: 2.3e-05 s +PPS (4) .RB. 0 1 - 16 377 0.000 0.019 0.002
status: 2001 pll nano +GPS_NMEA(0) .GPSa. 0 1 - 16 377 0.000 -0.009 0.004
pll time constant: 4 oPPS(0) .PPSa. 0 1 - 16 377 0.000 -0.008 0.006
precision: 1e-09 s -tempus1.gum.gov .PPS. 1 u - 64 377 18.848 -1.859 0.229
frequency tolerance: 496 ppm -tempus2.gum.gov .PPS. 1 u - 64 377 19.157 -1.846 0.388
pps frequency: 0.000 ppm -ntp1.tp.pl .ATOM. 1 u - 64 377 19.158 -1.910 0.411
pps stability: 0.000 ppm p-ntp2.tp.pl .ATOM. 1 u - 64 377 21.190 -2.049 0.266
pps jitter: 0 s ntpq> e

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remote
refid
st t when poll reach delay offset jitter
=====
calibration interval: 4 s
calibration cycles: 0
jitter exceeded: 0 PPS (2) .EXT. 0 1 - 16 0 0.000 0.000 0.002
stability exceeded: 0 +PPS (3) .OCXO. 0 1 - 16 377 0.000 0.001 0.003
calibration errors: 0 +PPS (4) .RB. 0 1 - 16 377 0.000 0.019 0.002
ntpdc> kerninfo +GPS_NMEA(0) .GPSa. 0 1 - 16 377 0.000 -0.009 0.004
pll offset: 1.9024e-05 s oPPS(0) .PPSa. 0 1 - 16 377 0.000 -0.008 0.006
pll frequency: 34.089 ppm -tempus1.gum.gov .PPS. 1 u - 64 377 18.848 -1.859 0.229
maximum error: 0.001986 s -tempus2.gum.gov .PPS. 1 u - 64 377 19.157 -1.846 0.388
estimated error: 2.4e-05 s -ntp1.tp.pl .ATOM. 1 u - 64 377 19.158 -1.910 0.411
status: 2001 pll nano -ntp2.tp.pl .ATOM. 1 u - 64 377 21.190 -2.049 0.266
pll time constant: 4 ntpq> rv
precision: 1e-09 s associd=0 status=21f4 leap_none, sync_33, 15 events, freq_mode,
frequency tolerance: 496 ppm version="ntpd 4.2.4p8@1.1612-o Sun Apr 25 09:42:21 UTC 2010 (1)",
processor="i386", system="FreeBSD", leap=00, stratum=1,
pps frequency: 0.000 ppm precision=-19, rootdelay=0.000, rootdispersion=0.409, peer=52313,
pps stability: 0.000 ppm refid=PPSa, reftime=d5a26ed8.dac3c9d3 Tue, Jul 30 2013 18:56:56.854,
pps jitter: 0 s poll=4, clock=d5a26ee4.70bfb6d9 Tue, Jul 30 2013 18:57:08.440, state=4,
calibration interval: 4 s offset=-0.008, frequency=34.089, jitter=0.006, noise=0.025,
calibration cycles: 0 stability=0.000, hostname="NTS-5000", signature="md5WithRSAEncryption",
jitter exceeded: 0 flags=0x80001, update=201307301609, tai=0, cert="NTS-5000 NTS-5000 0x0",
stability exceeded: 0 expire=201504192059, ELPROMA=NTS-5000/31122009/SN379821
calibration errors: 0 ntpq>
ntpdc>

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GPS_NMEA(5) .GPS. 0 1 - 16 0 0.000 0.000 0.002
pll frequency: 19.349 ppm PPS(5) .PPS. 0 1 - 16 0 0.000 0.000 0.002
maximum error: 0.003509 s +tempus1.gum.gov .PPS. 1 u - 16 377 19.466 -1.859 1.206
estimated error: 1e-06 s +192.168.1.2 .PPSa. 1 u - 16 377 0.289 -0.007 0.022
status: 2001 pll nano IRIG_AUDIO(0) .IRIG. 0 1 - 64 0 0.000 0.000 0.002
pll time constant: 4 SPECTRACOM(0) .WWVB. 0 1 - 64 0 0.000 0.000 0.002
precision: 1e-09 s ntpq> pe
remote
refid
st t when poll reach delay offset jitter
=====
pps frequency: 0.000 ppm LOCAL(0) .LOCL. 5 1 - 64 377 0.000 0.000 0.002
pps stability: 0.000 ppm +PPS (2) .EXT. 0 1 - 16 377 0.000 -0.018 0.002
pps jitter: 0 s oPPS (3) .PPS. 1 1 - 16 377 0.000 0.002 0.002
calibration interval: 4 s GPS_NMEA(3) .GPS. 0 1 - 16 0 0.000 0.000 0.002
calibration cycles: 0 PPS(4) .Rb. 0 1 - 16 0 0.000 0.000 0.002
jitter exceeded: 0 GPS_NMEA(0) .GPS. 0 1 - 16 0 0.000 0.000 0.002
stability exceeded: 0 PPS(0) .PPS. 0 1 - 16 0 0.000 0.000 0.002
calibration errors: 0 GPS_NMEA(1) .GPS. 0 1 - 16 0 0.000 0.000 0.002
ntpdc> kerninfo PPS(1) .PPS. 0 1 - 16 0 0.000 0.000 0.002
pll offset: 1.982e-06 s GPS_NMEA(5) .GPS. 0 1 - 16 0 0.000 0.000 0.002
pll frequency: 19.349 ppm PPS(5) .PPS. 0 1 - 16 0 0.000 0.000 0.002
maximum error: 0.004987 s +tempus1.gum.gov .PPS. 1 u - 16 377 19.466 -1.859 1.206
estimated error: 1e-06 s +192.168.1.2 .PPSa. 1 u - 16 377 0.289 -0.007 0.022
status: 2001 pll nano IRIG_AUDIO(0) .IRIG. 0 1 - 64 0 0.000 0.000 0.002
pll time constant: 4 SPECTRACOM(0) .WWVB. 0 1 - 64 0 0.000 0.000 0.002
precision: 1e-09 s ntpq> rv
frequency tolerance: 496 ppm associd=0 status=21c4 leap_none, sync_33, 12 events, freq_mode,
pps frequency: 0.000 ppm version="ntpd 4.2.4p4@1.1520-o pon 4 sie 10:00:41 2008 UTC (213)",
processor="i386", system="FreeBSD", leap=00, stratum=2,
pps stability: 0.000 ppm precision=-19, rootdelay=0.000, rootdispersion=0.485, peer=307,
pps jitter: 0 s refid=PPS(3), reftime=d5a26efe.01f3d257 Tue, Jul 30 2013 18:57:34.007,
calibration interval: 4 s poll=4, clock=d5a26f0e.1bc7c480 Tue, Jul 30 2013 18:57:50.108, state=4,
calibration cycles: 0 offset=0.002, frequency=19.349, jitter=0.002, noise=0.002,
jitter exceeded: 0 stability=0.000, tai=0
stability exceeded: 0
calibration errors: 0

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