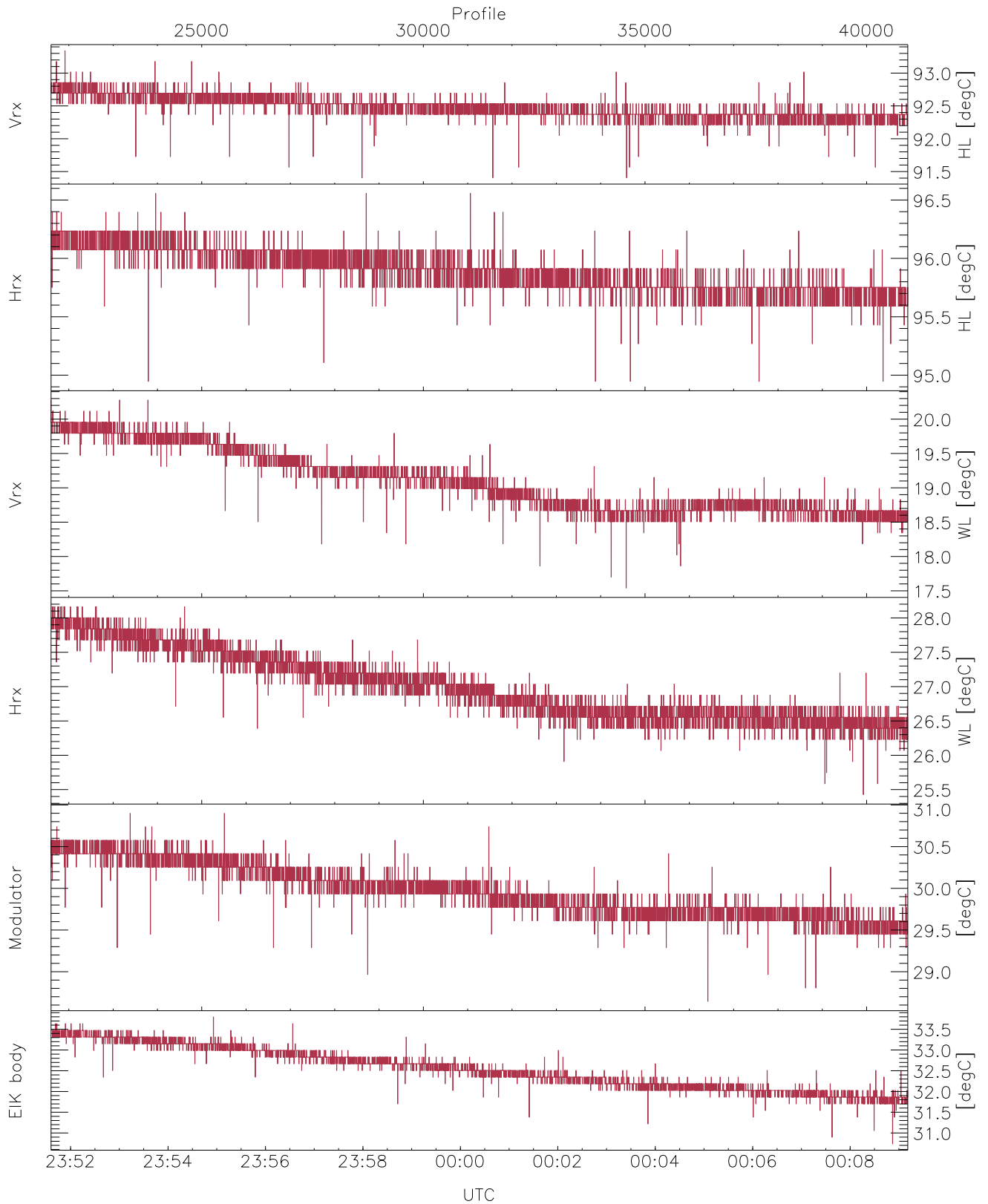


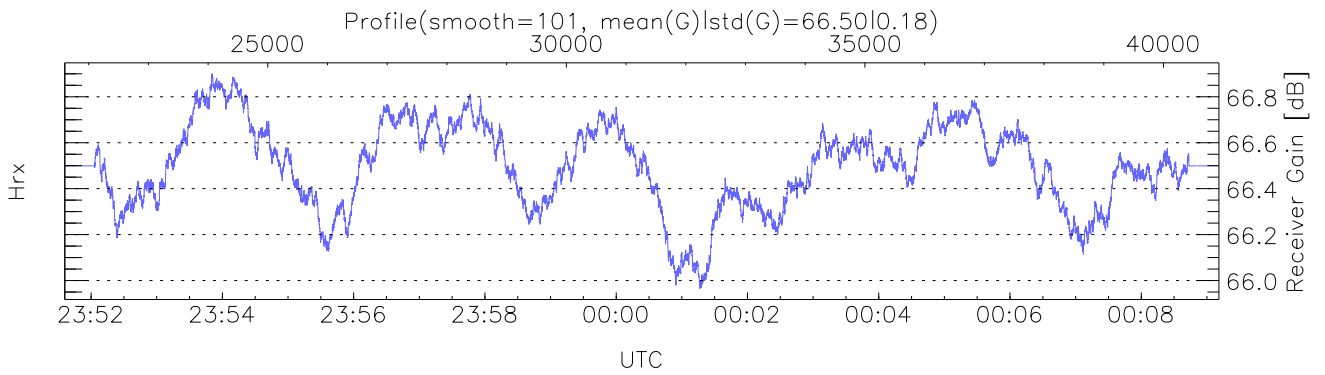
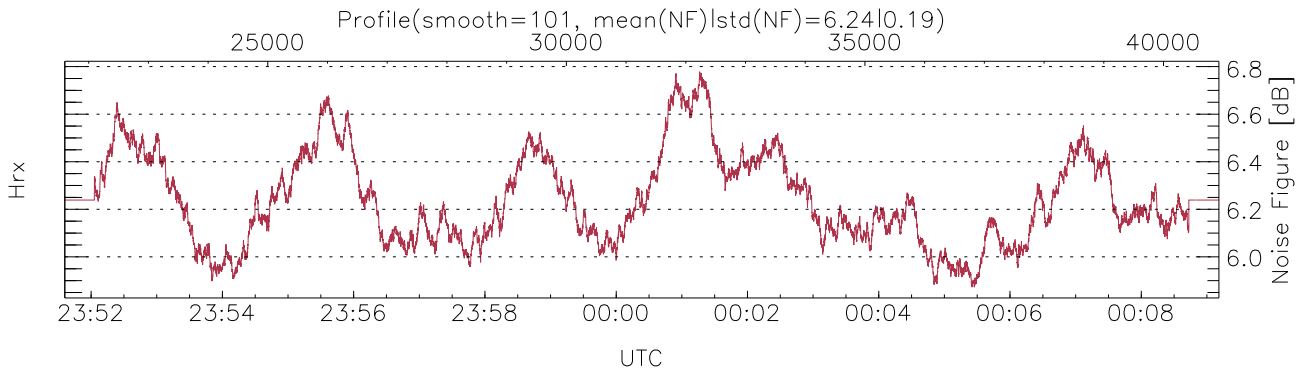
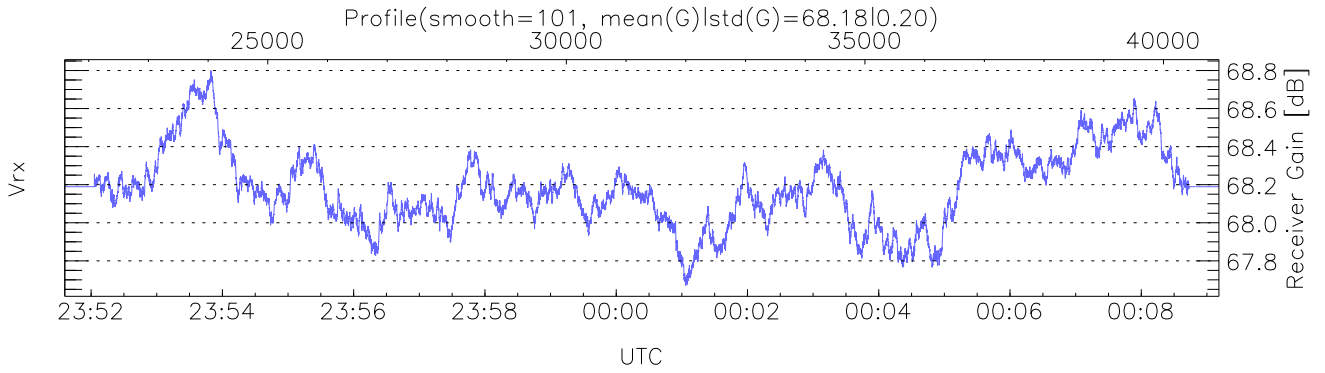
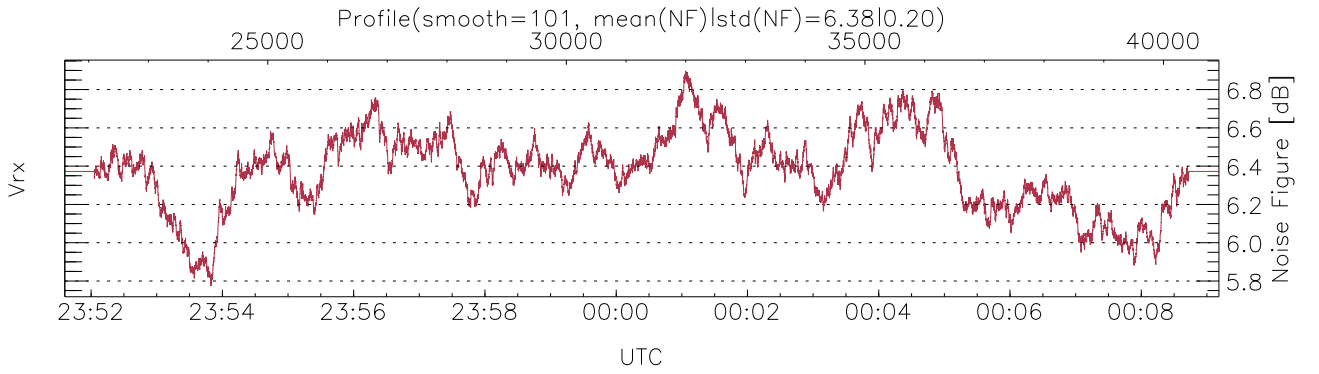
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

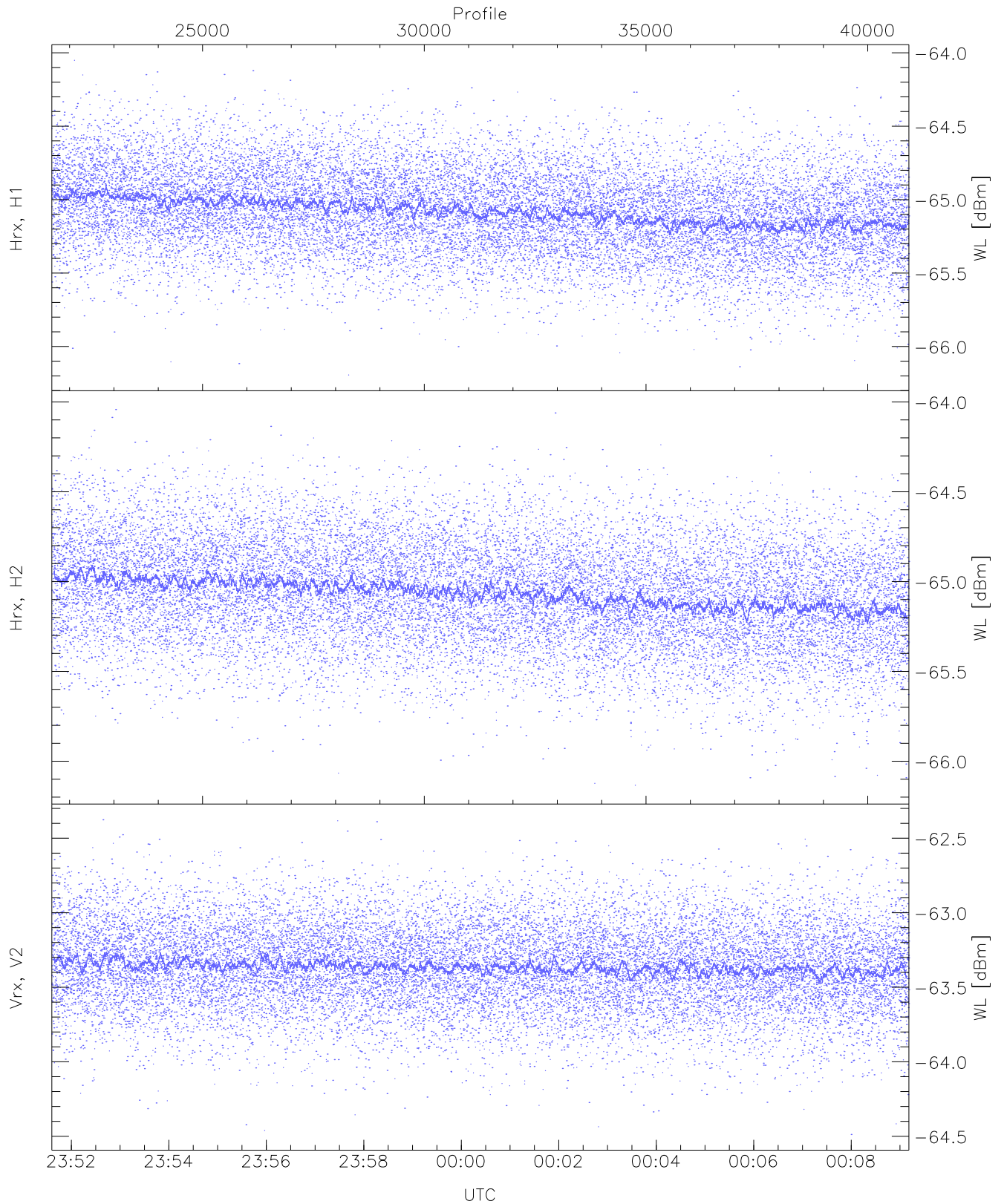
UTC: 23:31:57-00:09:11, Dur: 2234.08s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.6,54.6,54.6,0.0 ms / 18,18,18
 NumRec(r/t): 19330/40930, 21600-40929/23:51:36-00:09:11
 AcqTime: 54.6ms, Rate: 400KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 15.4 15.4 15.4 15.4 15.4 KHz, IGS: 65us
 Range(min,max,rgs): 105,8740,15.0 m, Gates: 576, Aspect: 2.4



WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

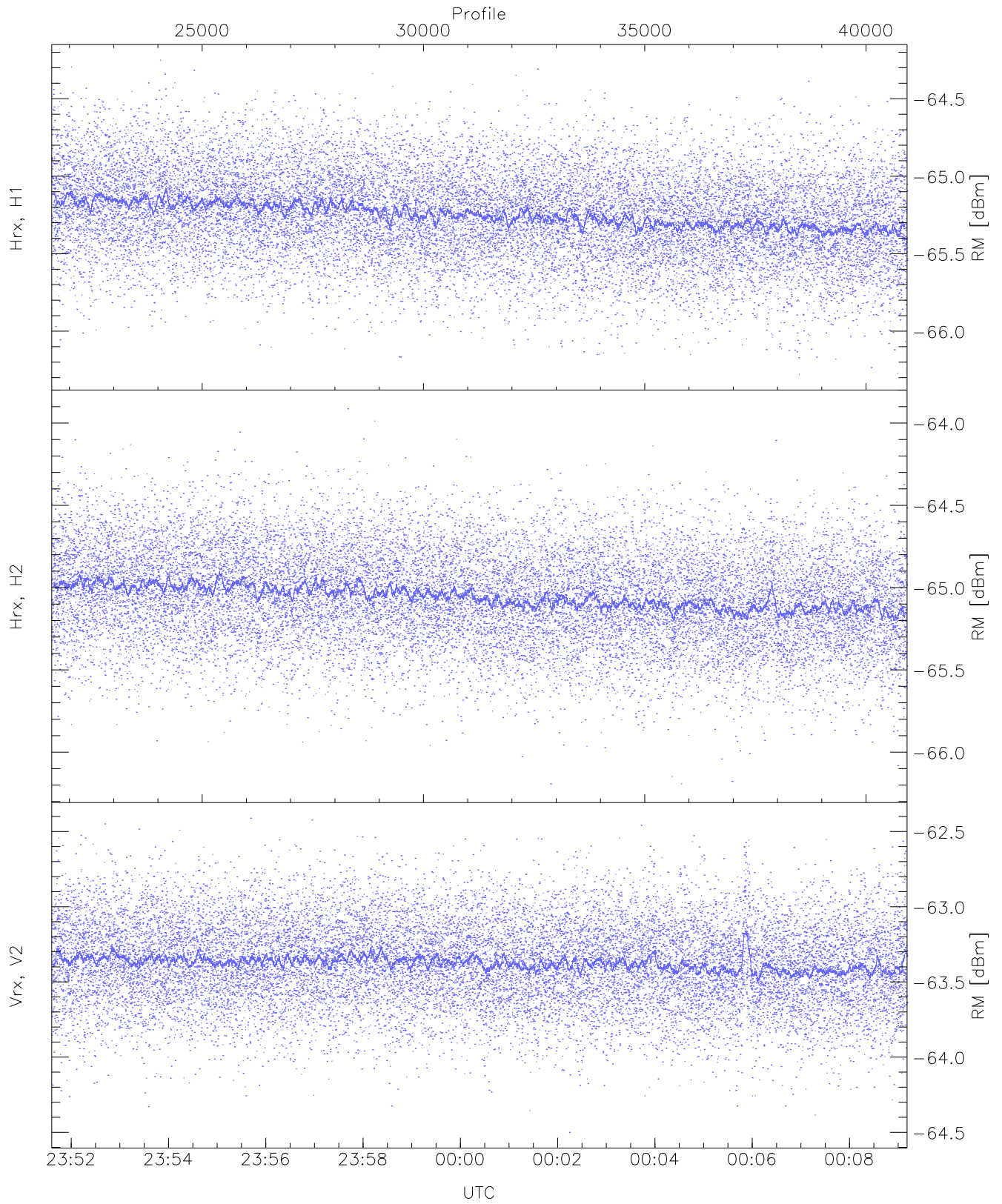
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,94,17,25,28,30`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,96,20,28,30,33`
`LOalarm(20,80,240,2.8,14.8 MHz): 8,0,0,35,0`
EIK/Modulator Faults: None





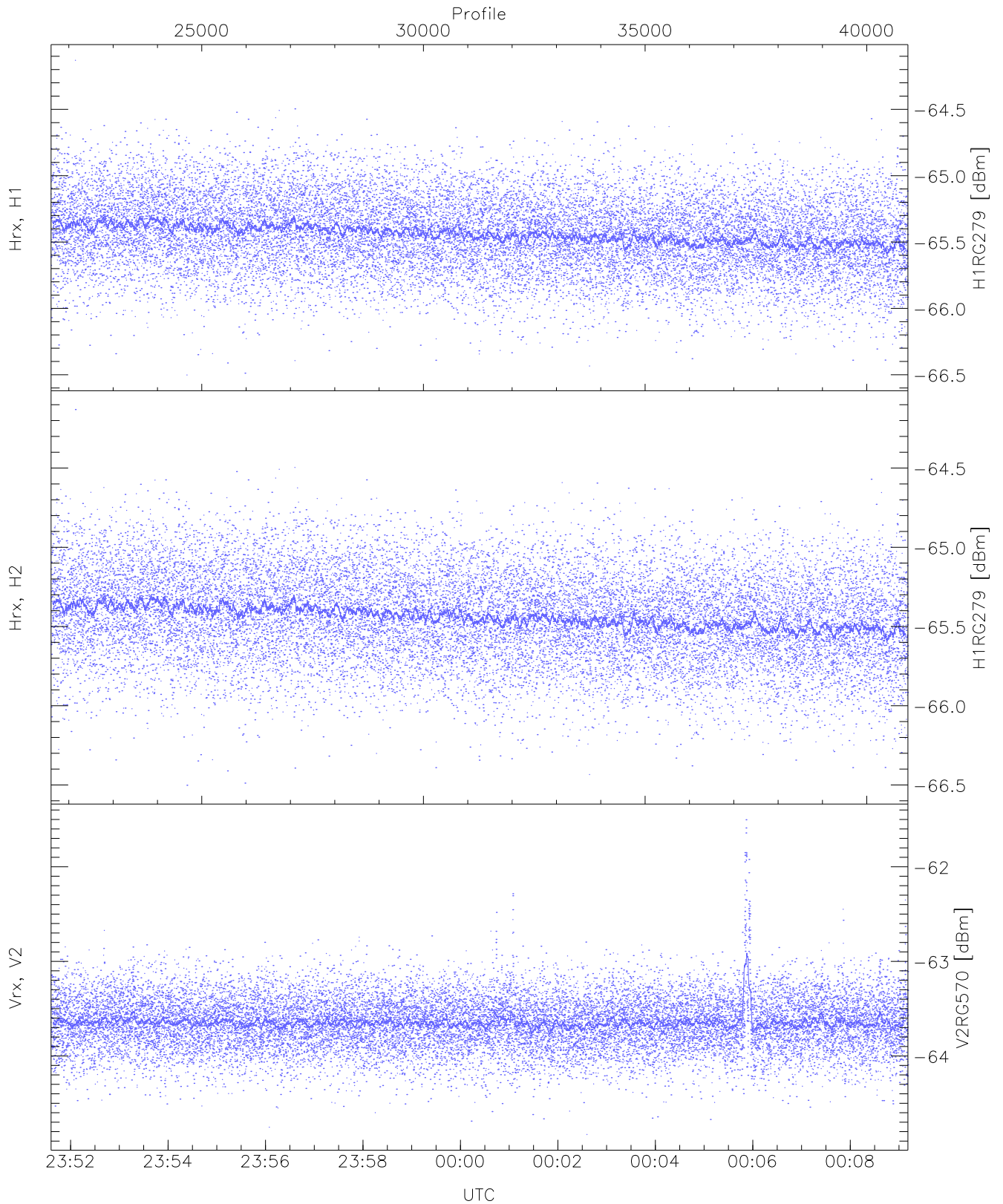
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(WL [dBm]) | -66.19 | -64.05 | -65.08 | -65.08 | -77.07 |
| Hrx, H2(WL [dBm]) | -66.13 | -64.04 | -65.06 | -65.06 | -77.13 |
| Vrx, V2(WL [dBm]) | -64.49 | -62.38 | -63.36 | -63.36 | -75.49 |



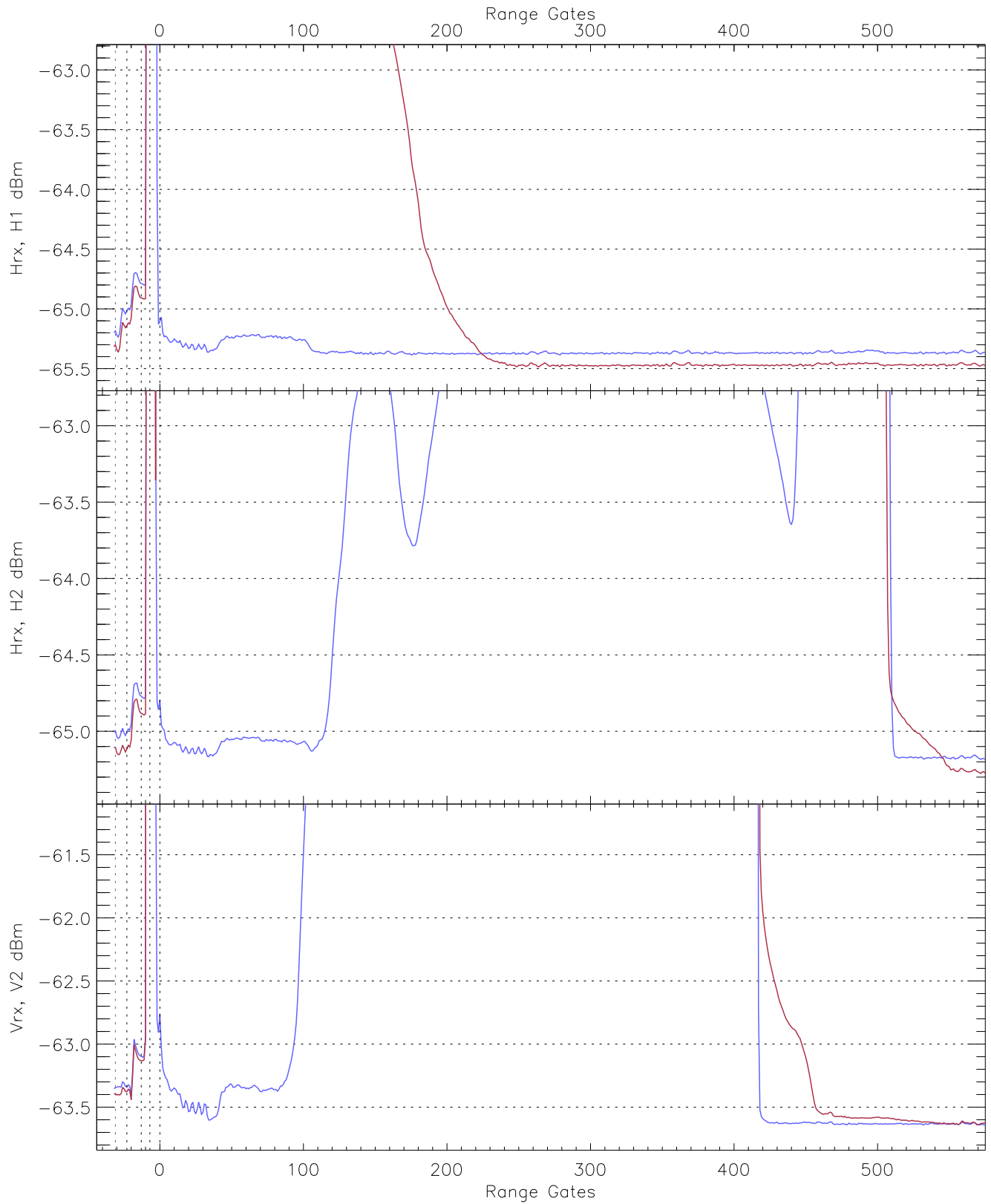
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(RM [dBm]) | -66.28 | -64.25 | -65.24 | -65.25 | -77.26 |
| Hrx, H2(RM [dBm]) | -66.19 | -63.91 | -65.05 | -65.06 | -77.10 |
| Vrx, V2(RM [dBm]) | -64.50 | -62.41 | -63.37 | -63.38 | -75.46 |

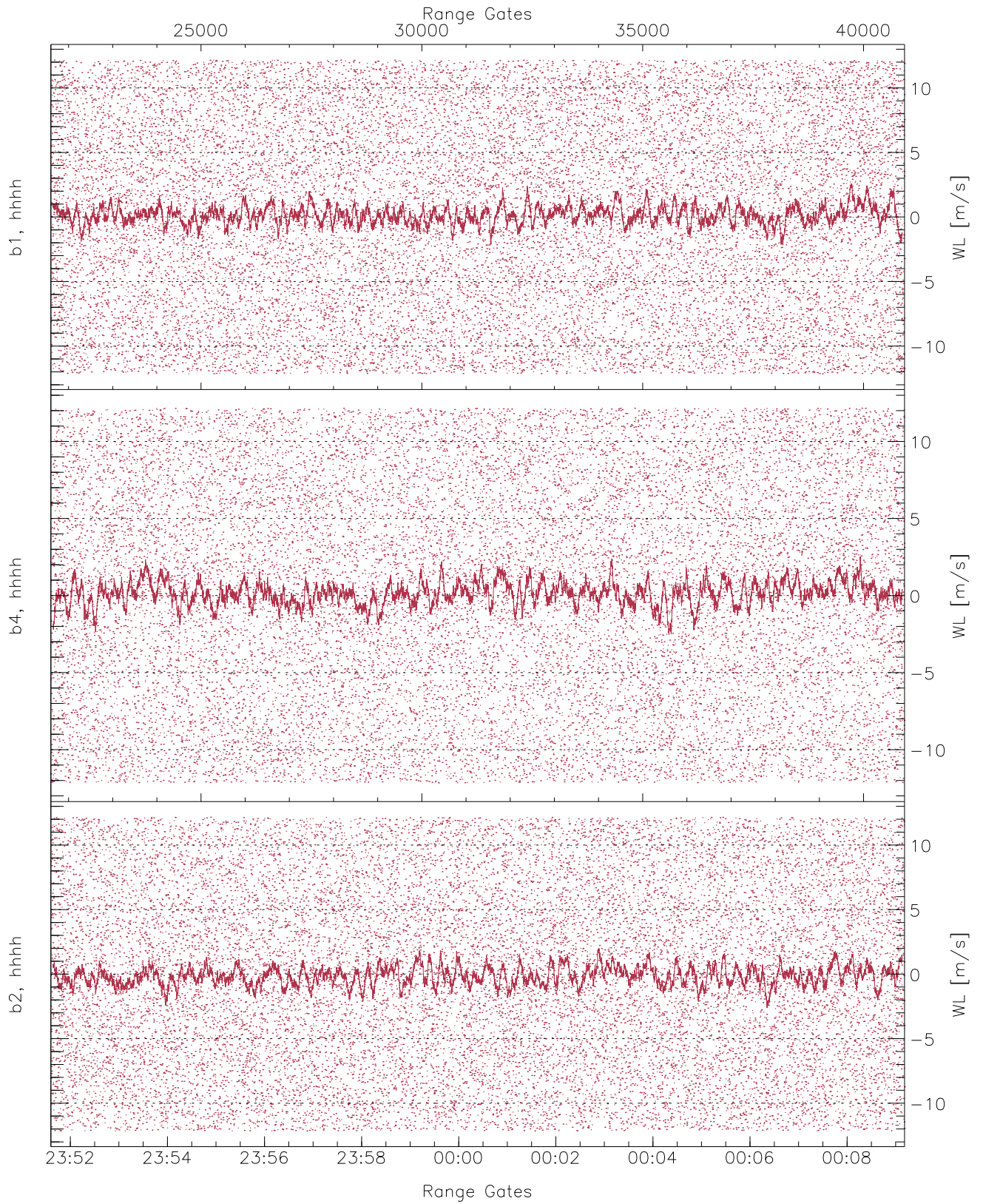


WCR2 CPP "Best" estimate Receivers Noise Power

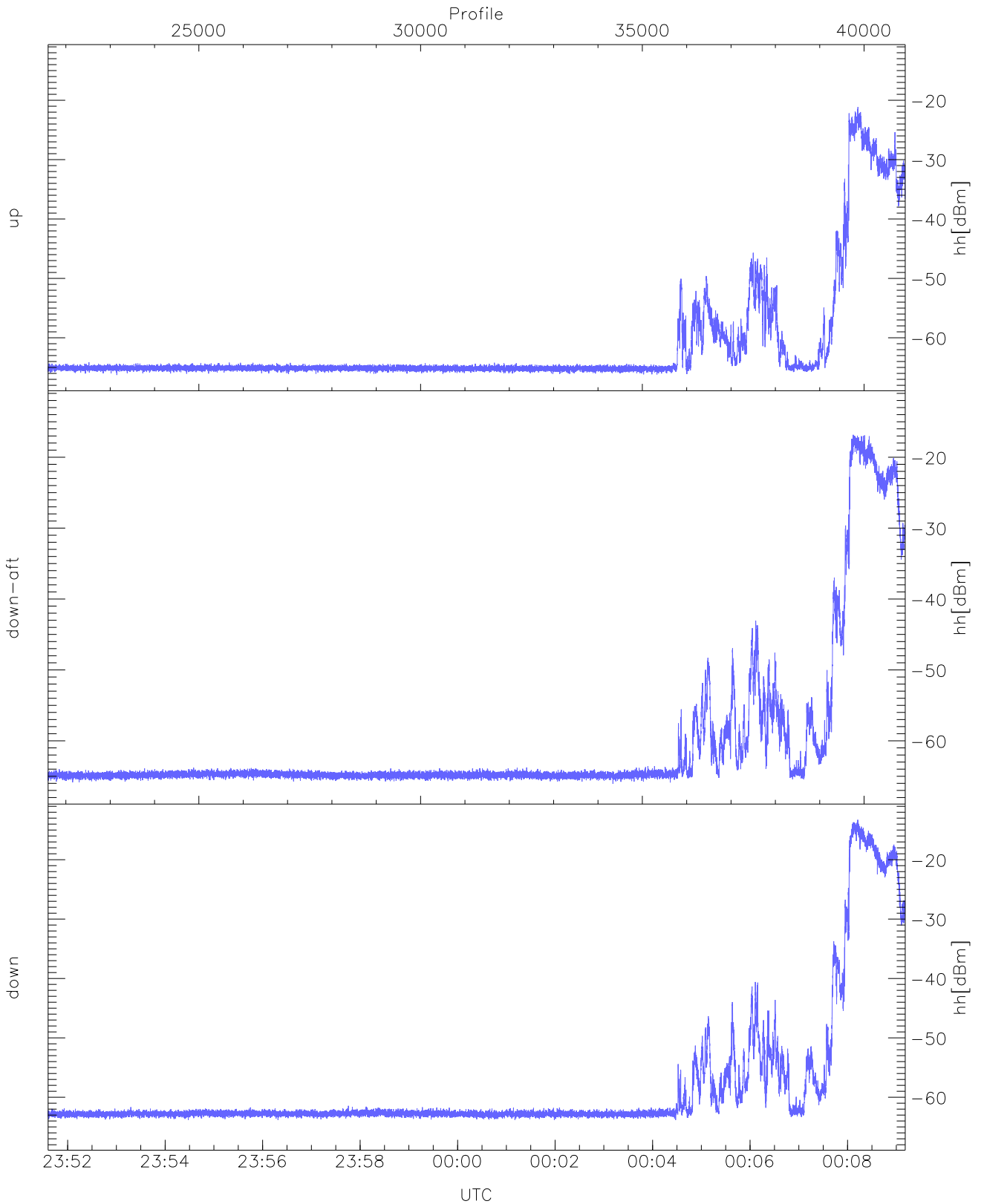
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RG279 [dBm] | -66.50 | -64.13 | -65.43 | -65.44 | -77.48 |
| H1RG279 [dBm] | -66.50 | -64.13 | -65.43 | -65.44 | -77.48 |
| V2RG570 [dBm] | -64.83 | -61.50 | -63.64 | -63.65 | -75.49 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 235136-240023, 9666 profiles averaged
red: 240023-000911, 9665 profiles averaged

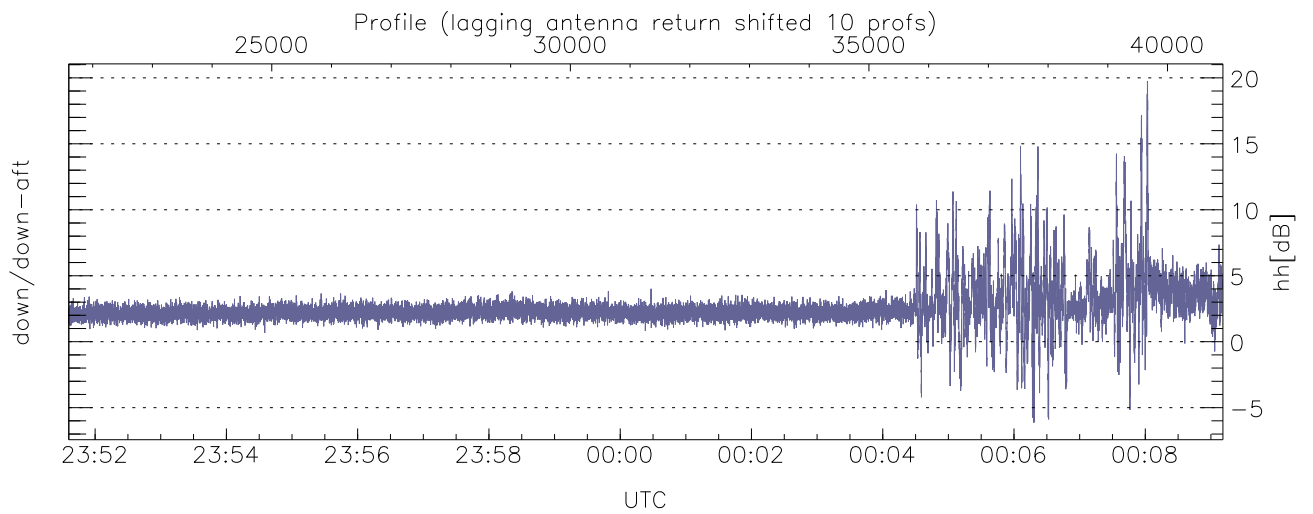
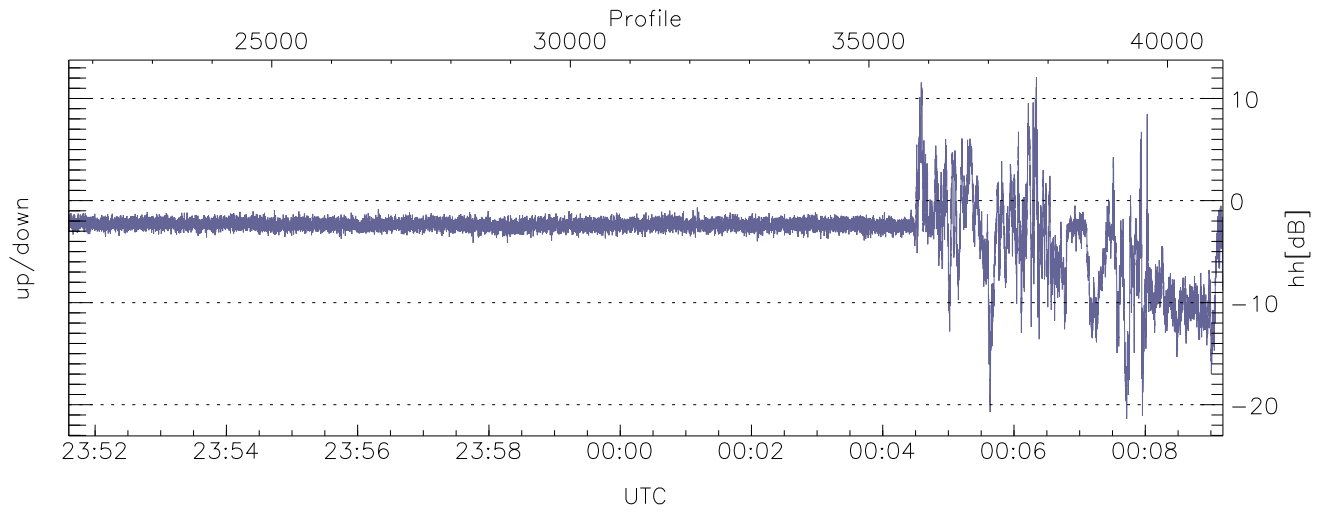


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



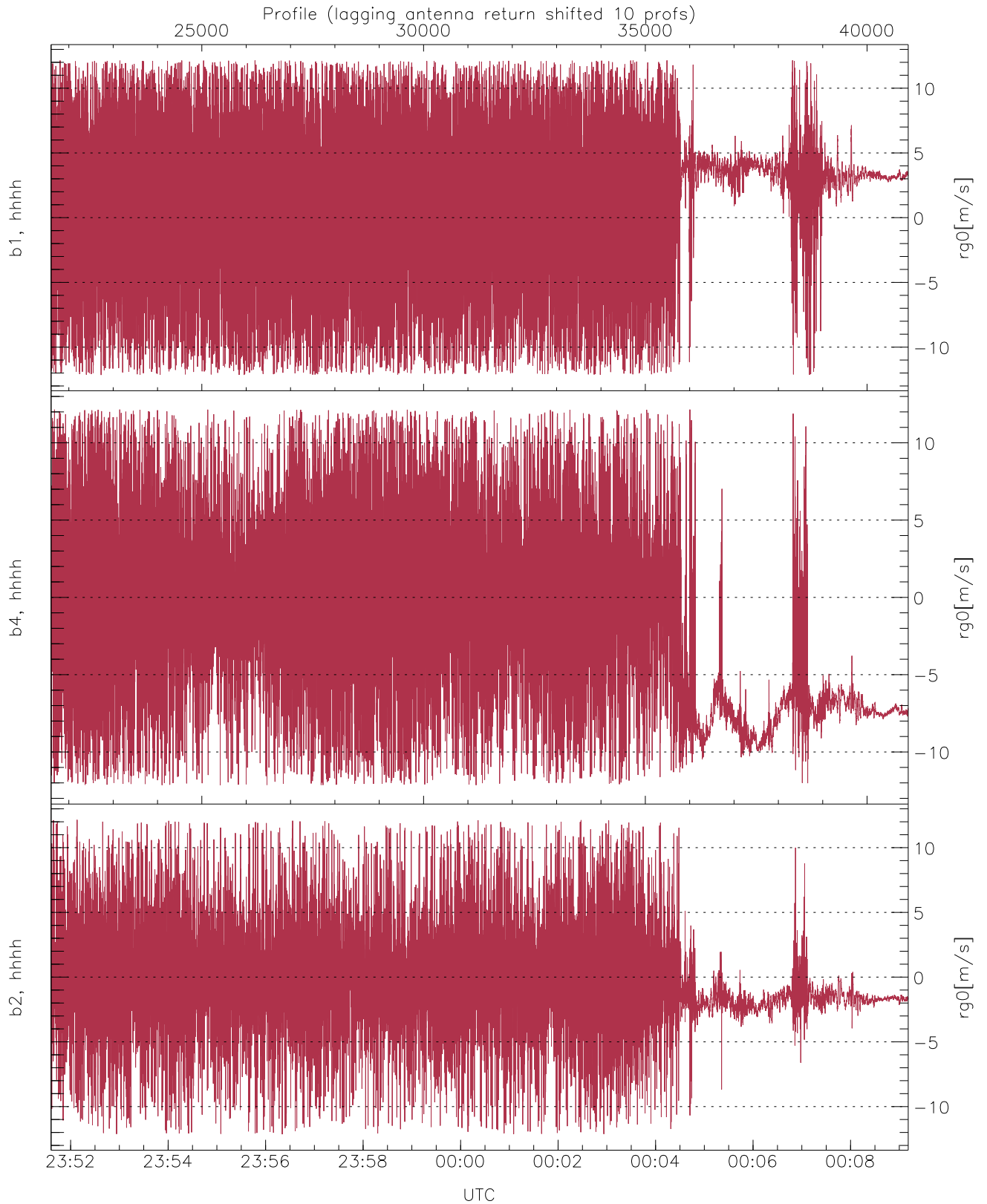
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|--------|--------|
| up(hh[dBm]) | -66.27 | -21.14 | -39.23 |
| down-aft(hh[dBm]) | -66.07 | -16.84 | -32.68 |
| down(hh[dBm]) | -63.85 | -13.27 | -29.74 |



WCR2 CPP Received Power Ratio; Range gates used: 0,1 (105,120 m)

| | Min | Max | Mean |
|-----------------------|--------|-------|-------|
| up/down(hh[dB]) | -21.38 | 12.09 | -2.62 |
| down/down-aft(hh[dB]) | -6.14 | 19.77 | 2.57 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -12.15 | 12.15 | 1.42 | 5.32 |
| b4, hhhh(rg0[m/s]) | -12.15 | 12.15 | -1.75 | 5.45 |
| b2, hhhh(rg0[m/s]) | -12.14 | 12.15 | -0.50 | 3.43 |