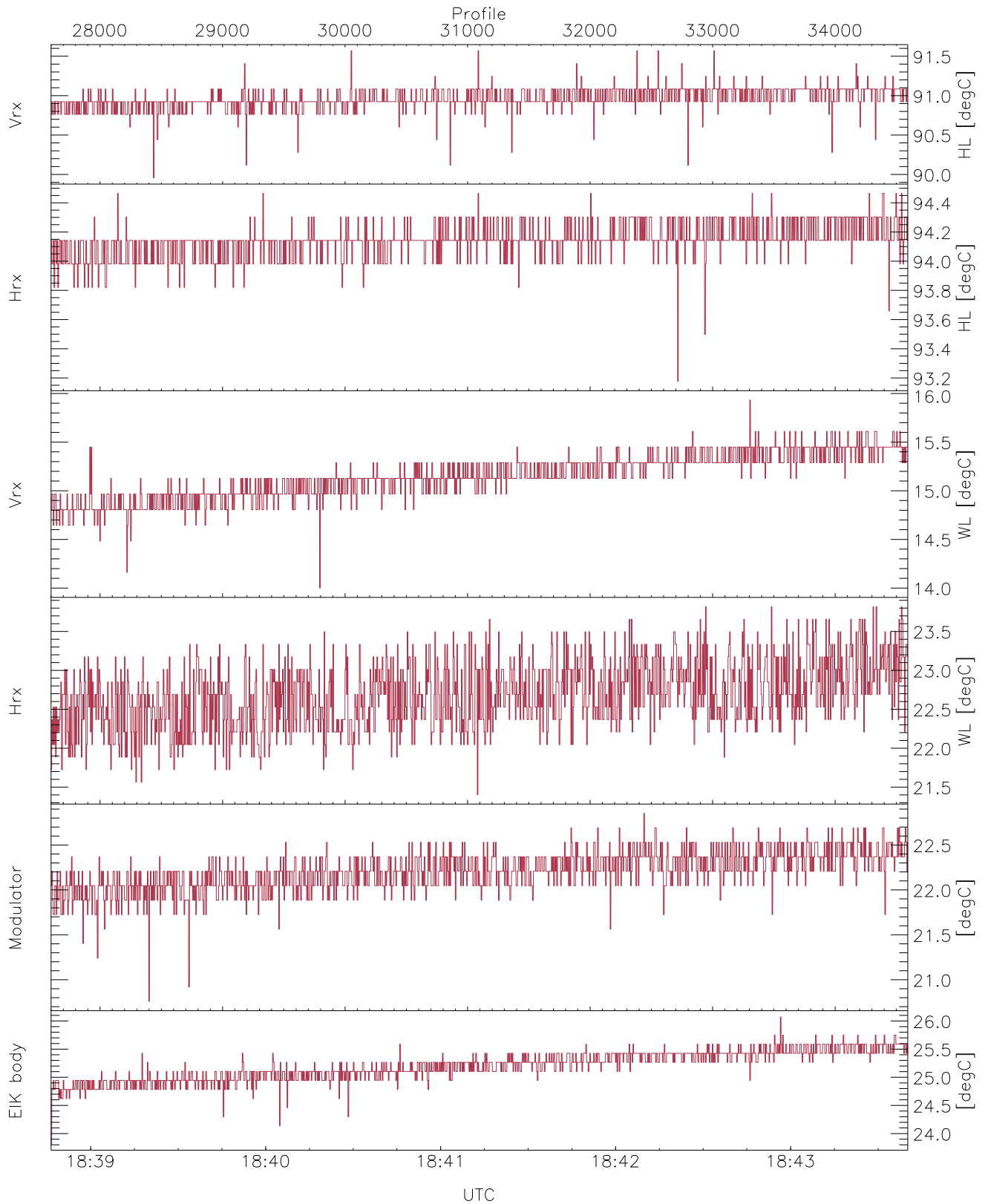


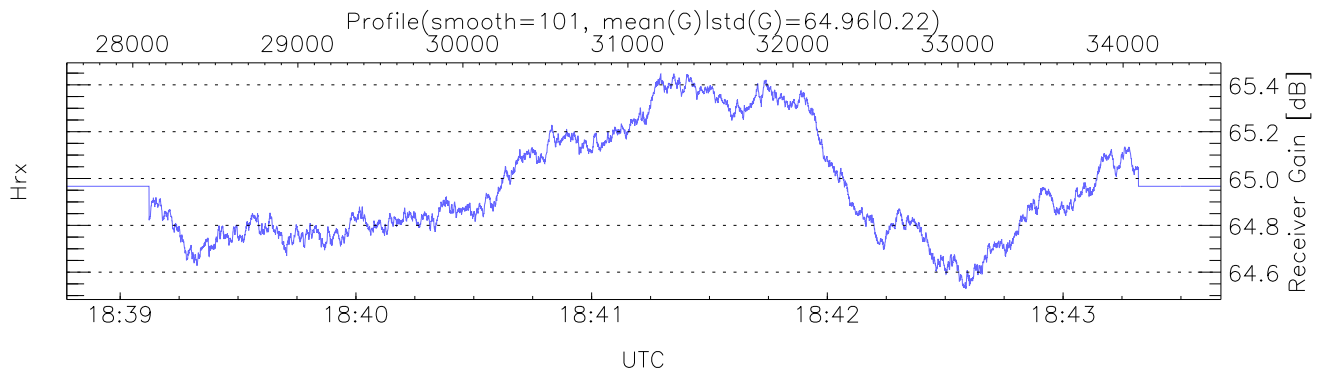
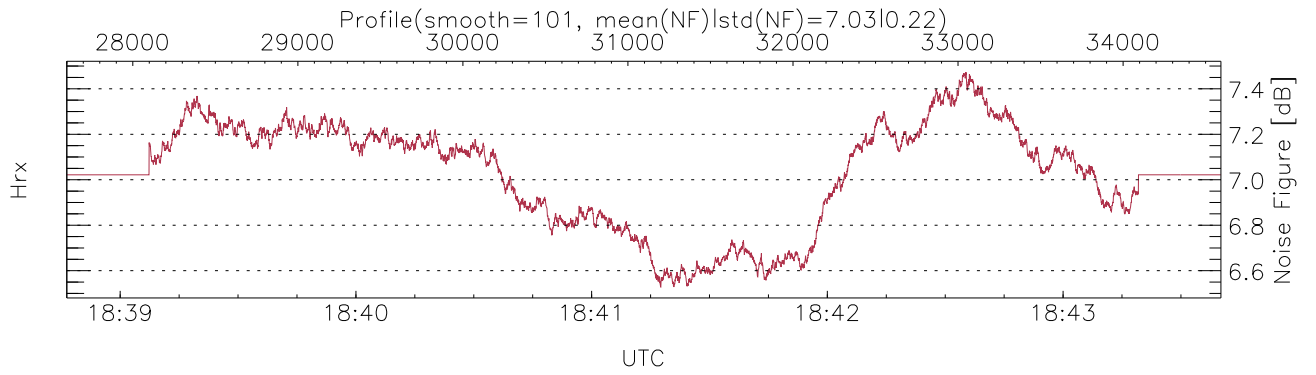
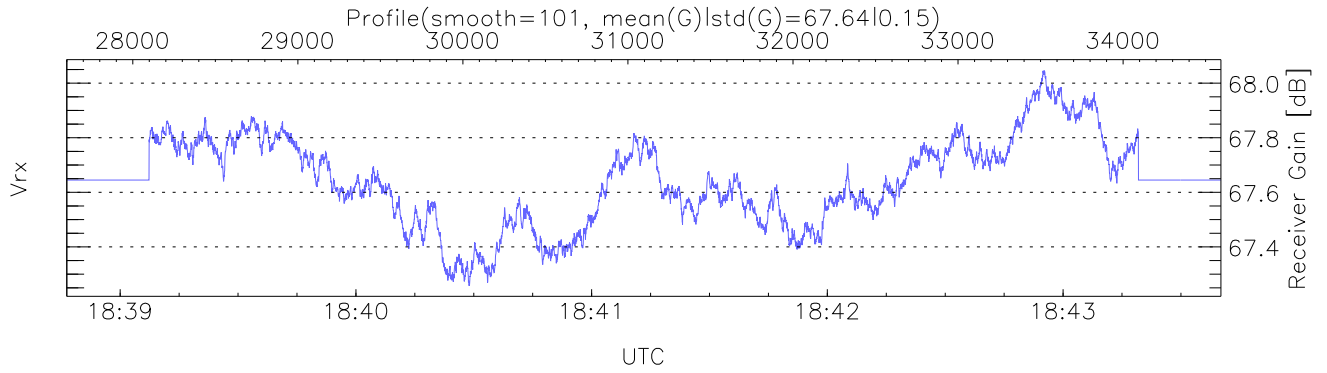
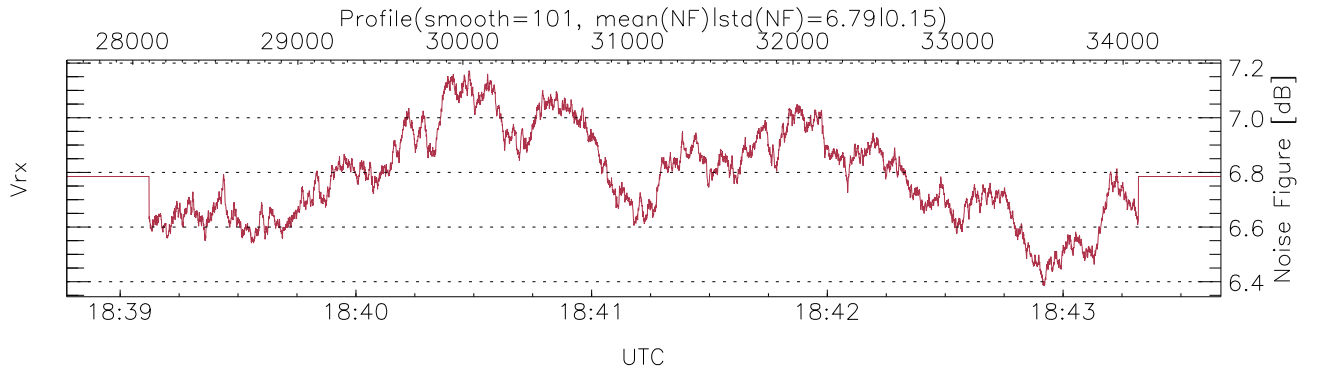
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

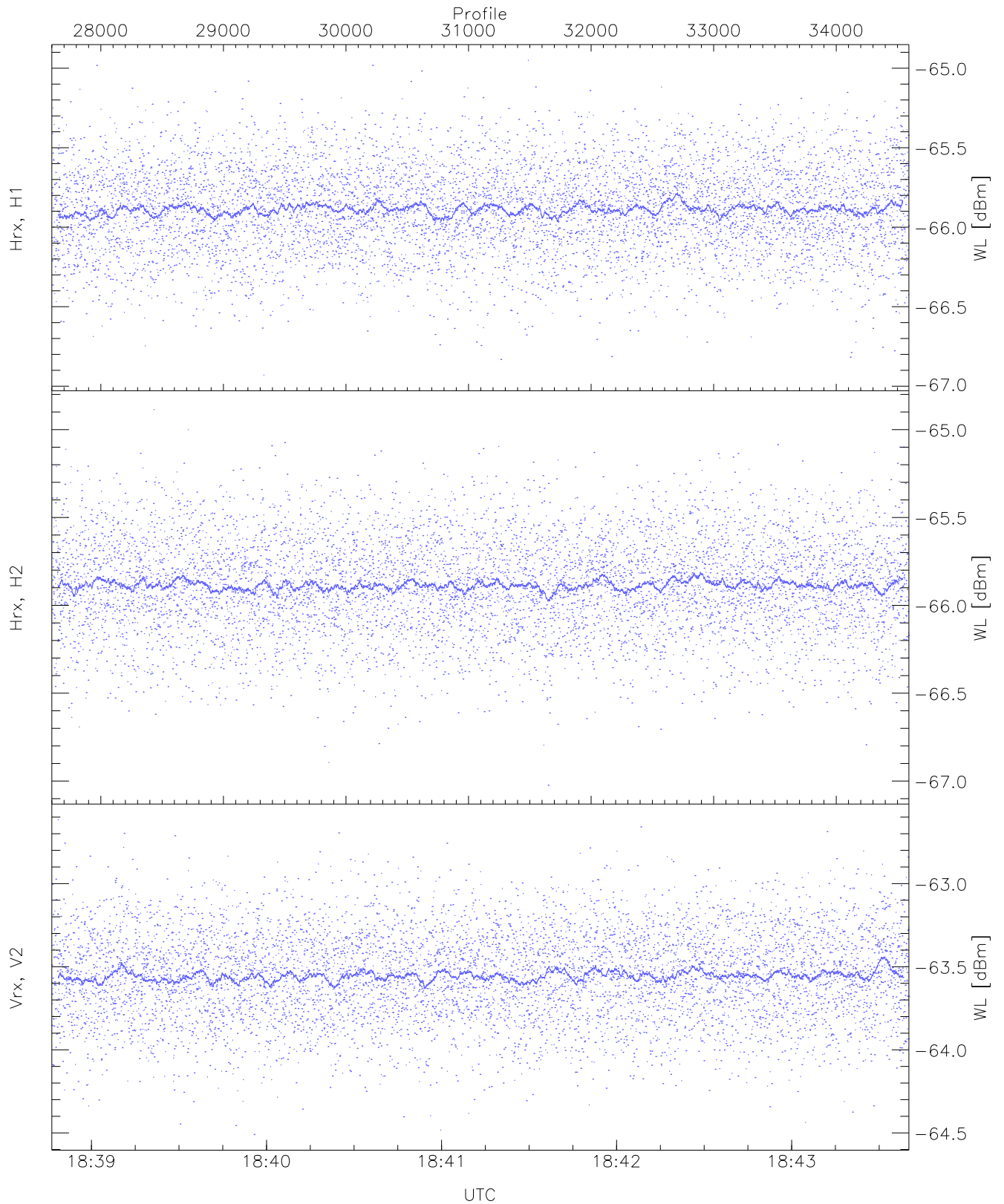
UTC: 18:19:27-18:43:40, Dur: 1453.27s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24  
 NumRec(r/t): 6994/34594, 27600-34593/18:38:46-18:43:40  
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rgs): 105,6187,15.0 m, Gates: 406, Aspect: 3.1



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

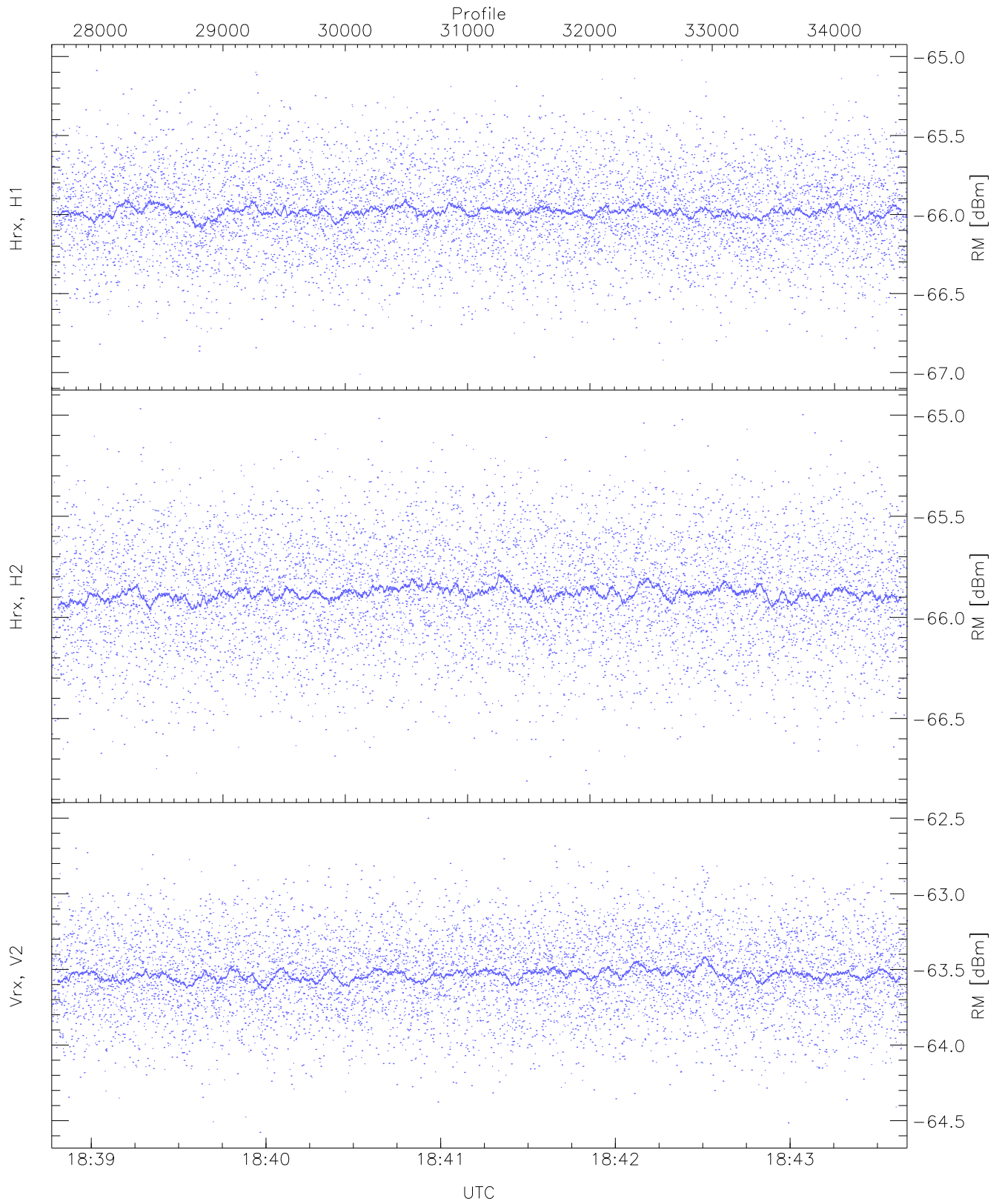
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,93,14,21,20,23  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,94,15,23,22,26  
LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,12,0  
EIK/Modulator Faults: None





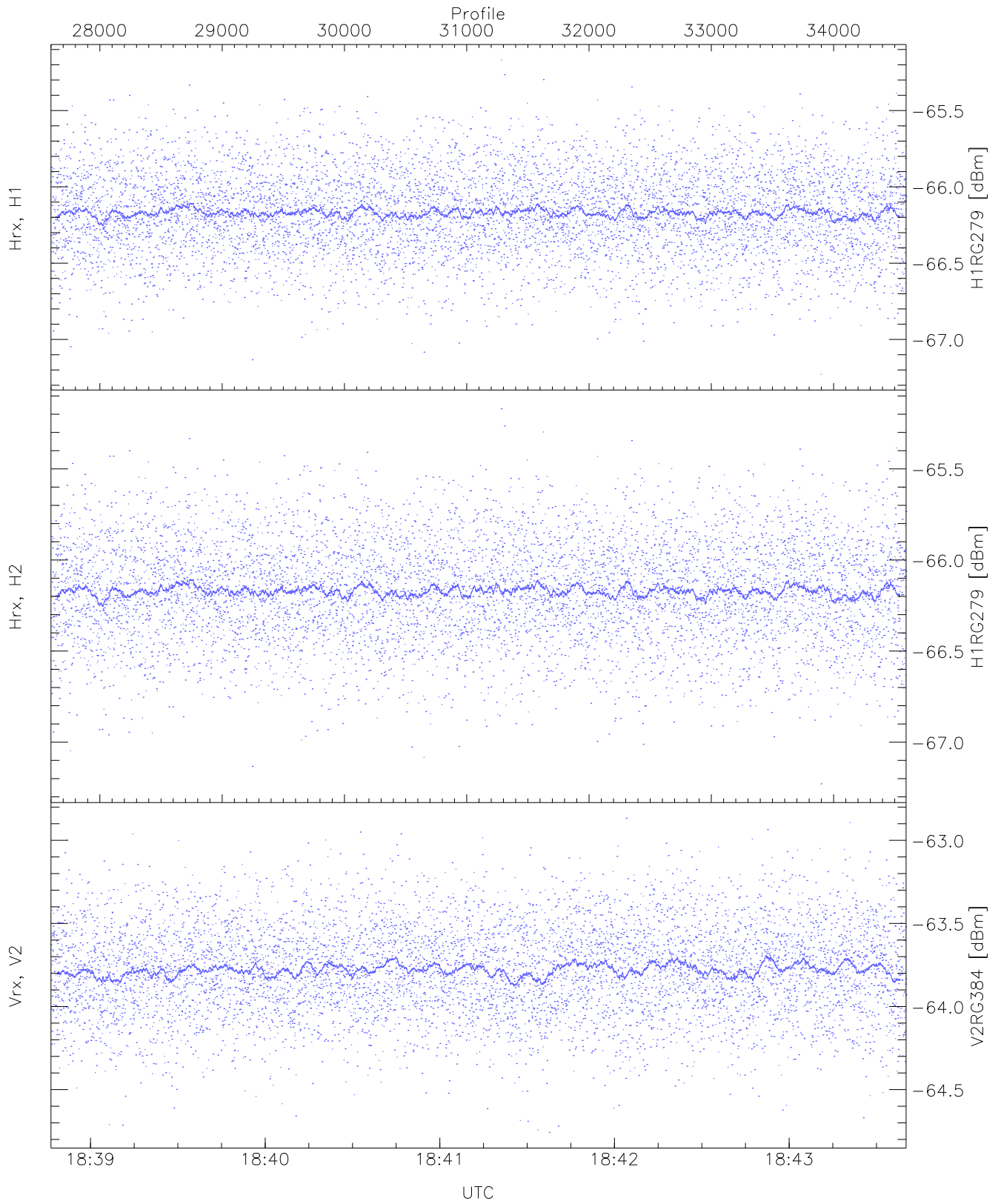
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -66.93 | -64.95 | -65.88 | -65.89 | -77.99 |
| Hrx, H2 (WL [dBm]) | -67.02 | -64.89 | -65.88 | -65.89 | -78.05 |
| Vrx, V2 (WL [dBm]) | -64.51 | -62.62 | -63.55 | -63.55 | -75.77 |



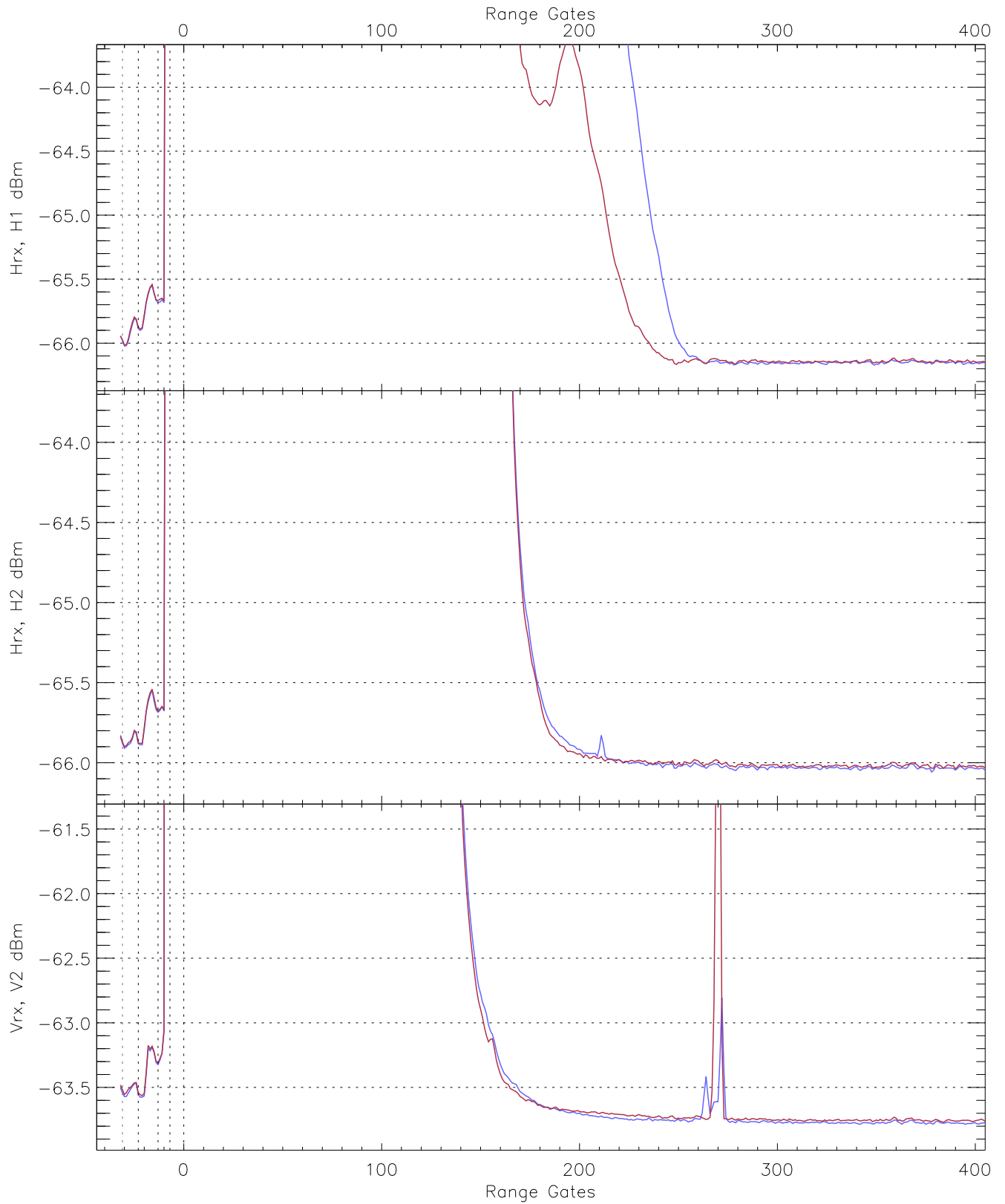
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -67.01 | -65.02 | -65.98 | -65.98 | -78.07 |
| Hrx, H2 (RM [dBm]) | -66.82 | -64.97 | -65.88 | -65.88 | -78.02 |
| Vrx, V2 (RM [dBm]) | -64.58 | -62.50 | -63.53 | -63.54 | -75.68 |

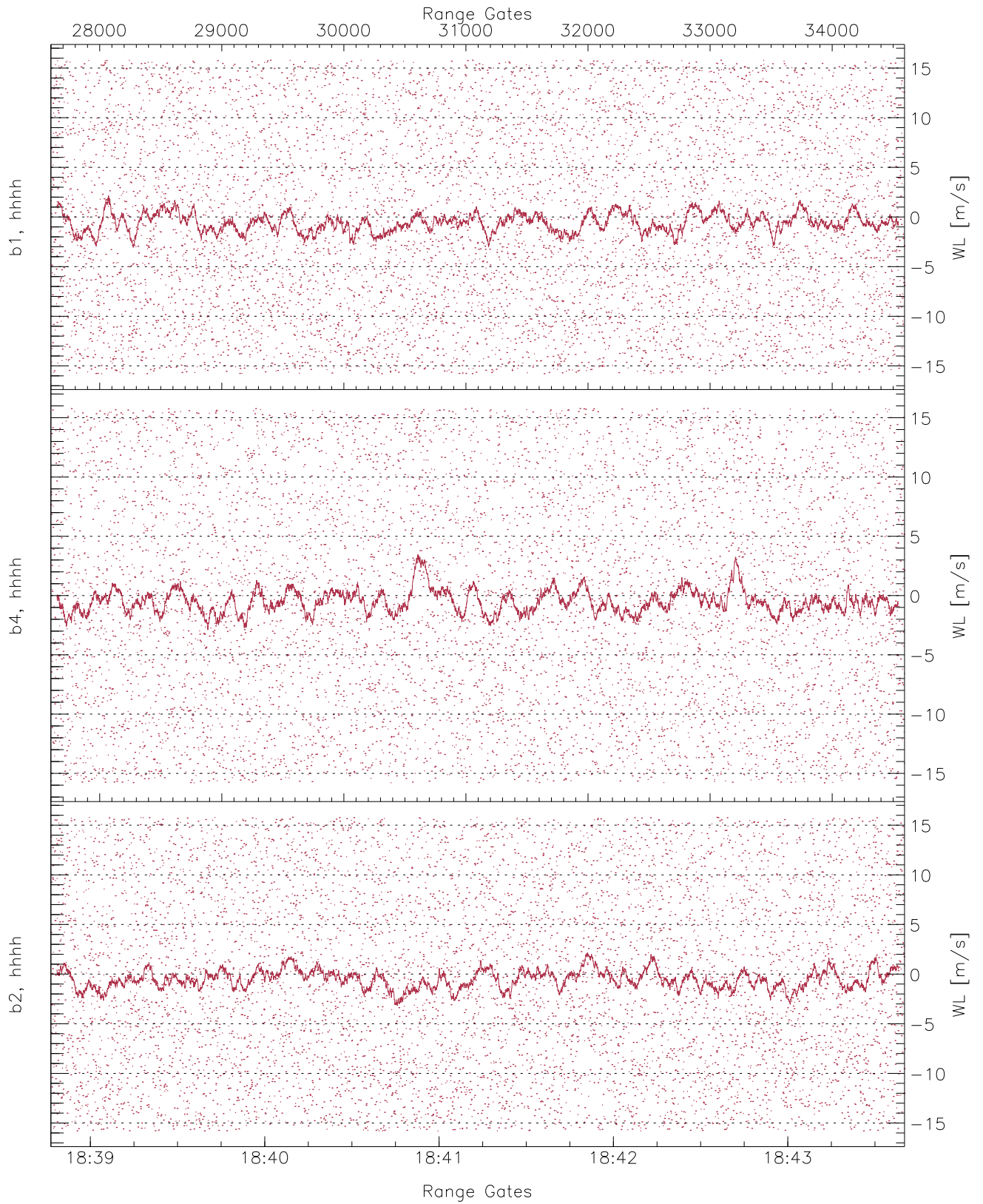


WCR2 CPP "Best" estimate Receivers Noise Power

|               | Min    | Max    | Mean   | Median | StDev  |
|---------------|--------|--------|--------|--------|--------|
| H1RG279 [dBm] | -67.23 | -65.17 | -66.17 | -66.17 | -78.25 |
| H1RG279 [dBm] | -67.23 | -65.17 | -66.17 | -66.17 | -78.25 |
| V2RG384 [dBm] | -64.76 | -62.87 | -63.77 | -63.78 | -75.89 |

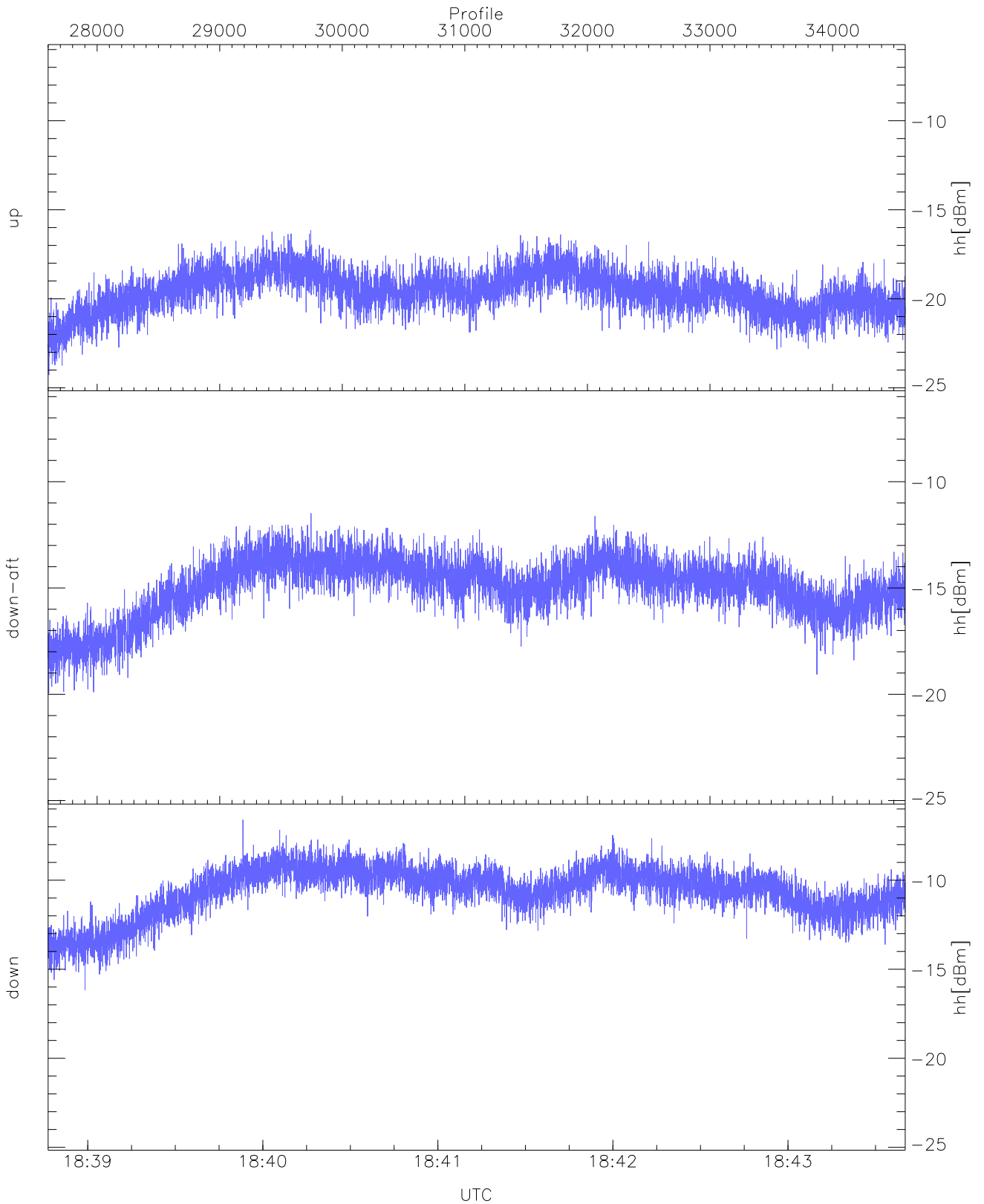


WCR2 CPP Averaged Received power for all recorded gates  
blue: 183846-184113, 3498 profiles averaged  
red: 184113-184340, 3497 profiles averaged



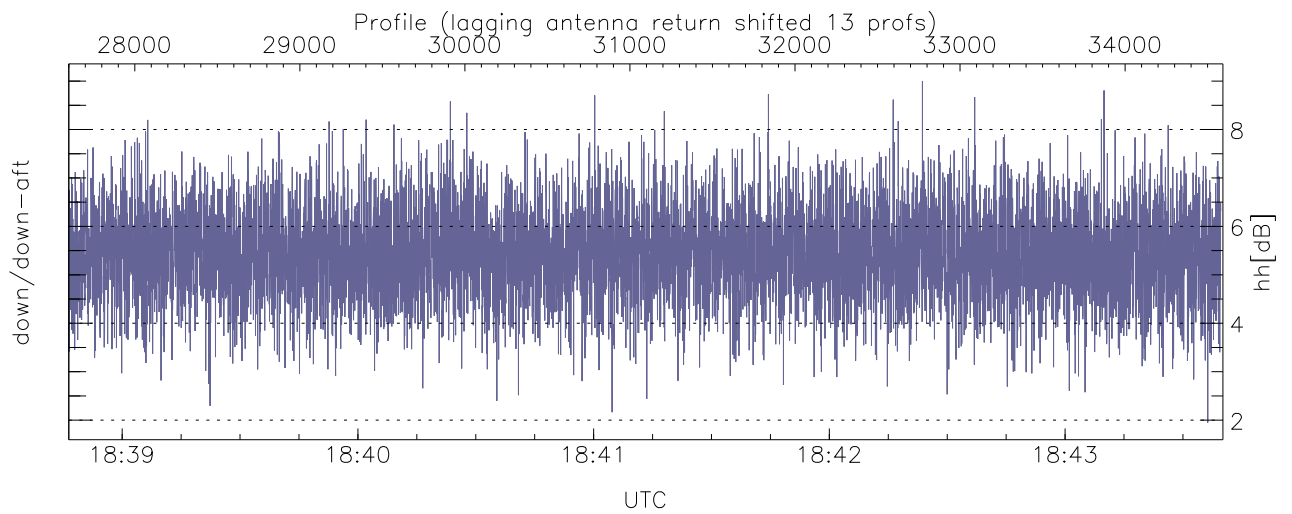
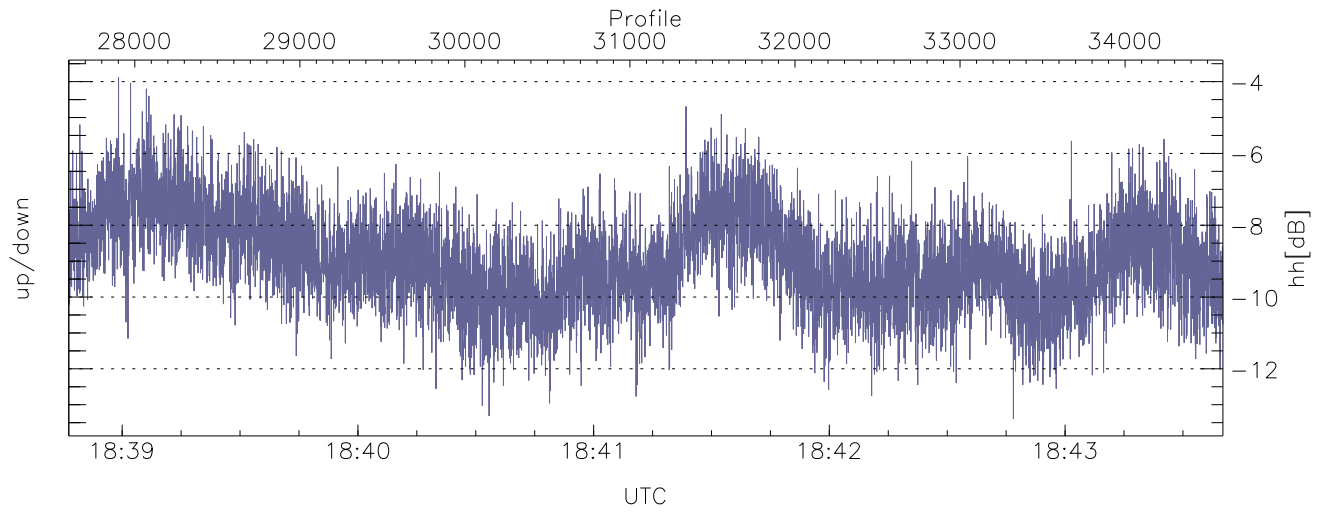
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements





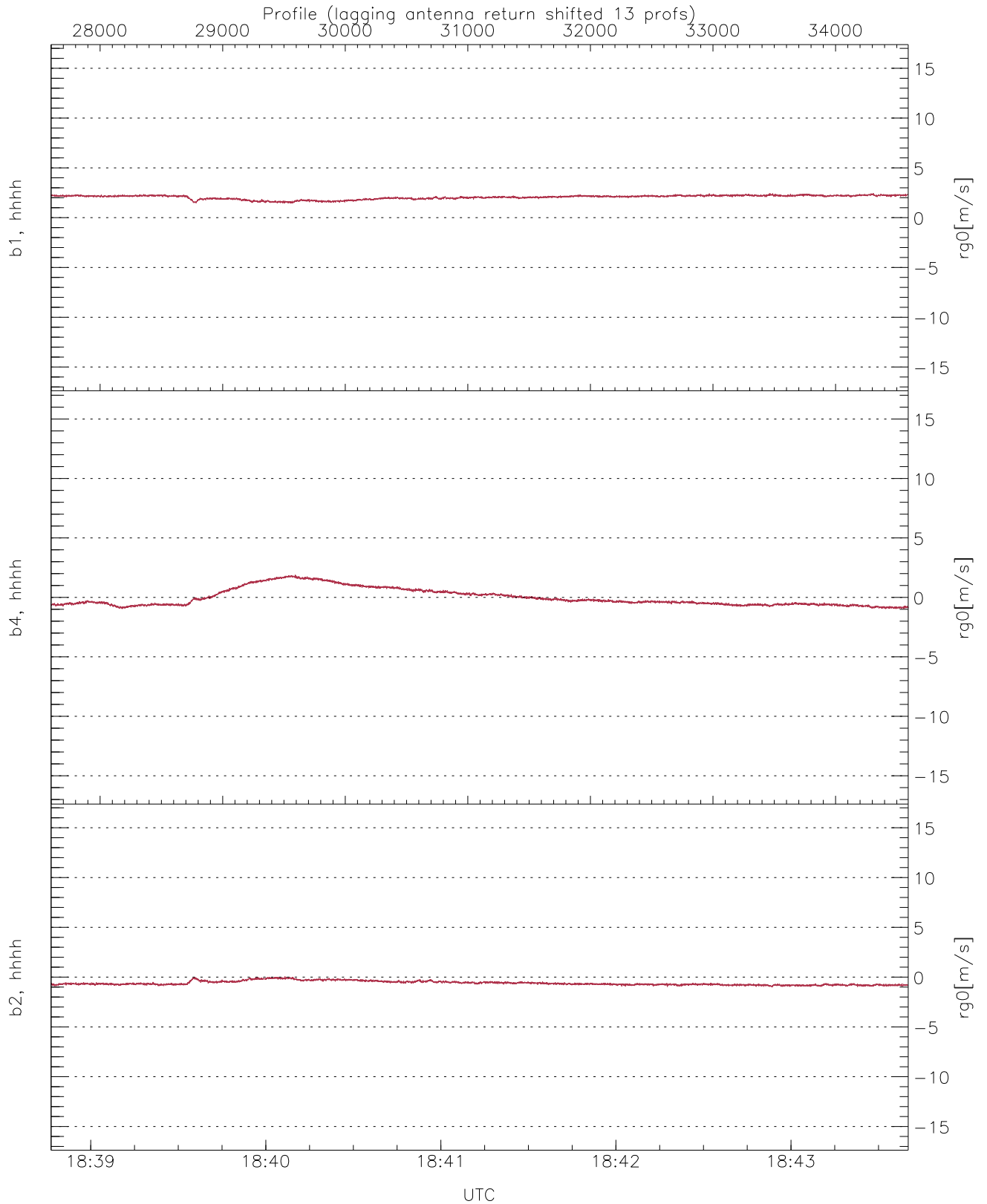
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

|                   | Min    | Max    | Mean   |
|-------------------|--------|--------|--------|
| up(hh[dBm])       | -24.28 | -16.14 | -19.45 |
| down-aft(hh[dBm]) | -19.95 | -11.49 | -14.77 |
| down(hh[dBm])     | -16.18 | -6.61  | -10.45 |



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

|                       | Min    | Max   | Mean  |
|-----------------------|--------|-------|-------|
| up/down(hh[dB])       | -13.39 | -3.87 | -7.88 |
| down/down-aft(hh[dB]) | 1.95   | 9.00  | 5.44  |



WCR2 CPP Doppler Velocity Products at 105.1 m range

|                    | Min   | Max  | Mean  | StDev |
|--------------------|-------|------|-------|-------|
| b1, hhhh(rg0[m/s]) | 1.44  | 2.45 | 2.05  | 0.20  |
| b4, hhhh(rg0[m/s]) | -0.97 | 1.89 | -0.01 | 0.74  |
| b2, hhhh(rg0[m/s]) | -1.02 | 0.07 | -0.60 | 0.21  |