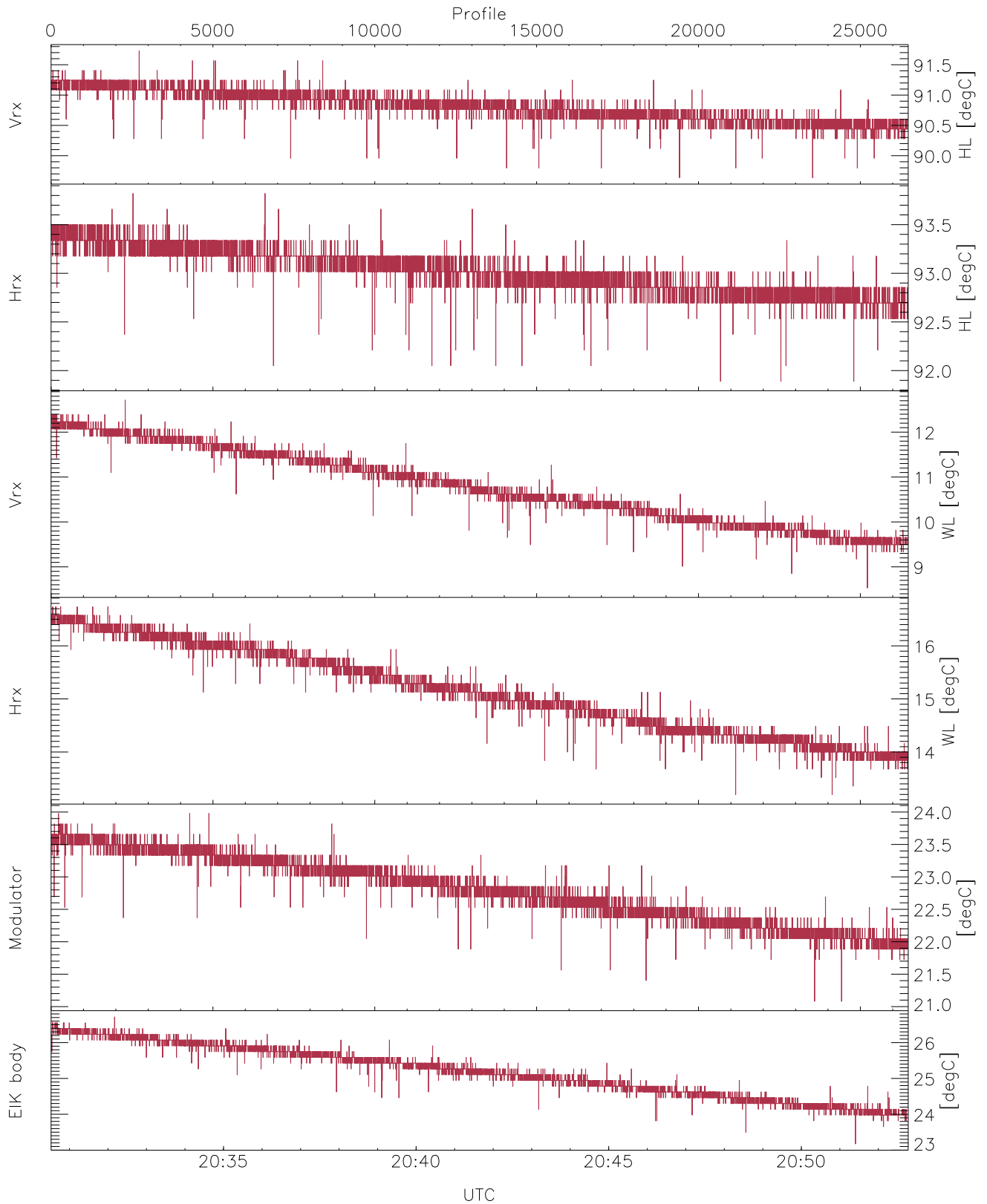


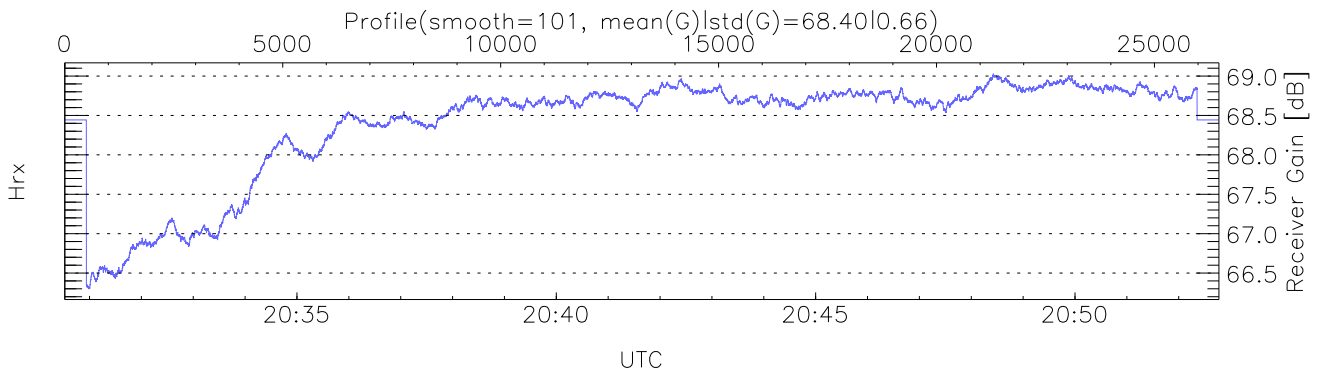
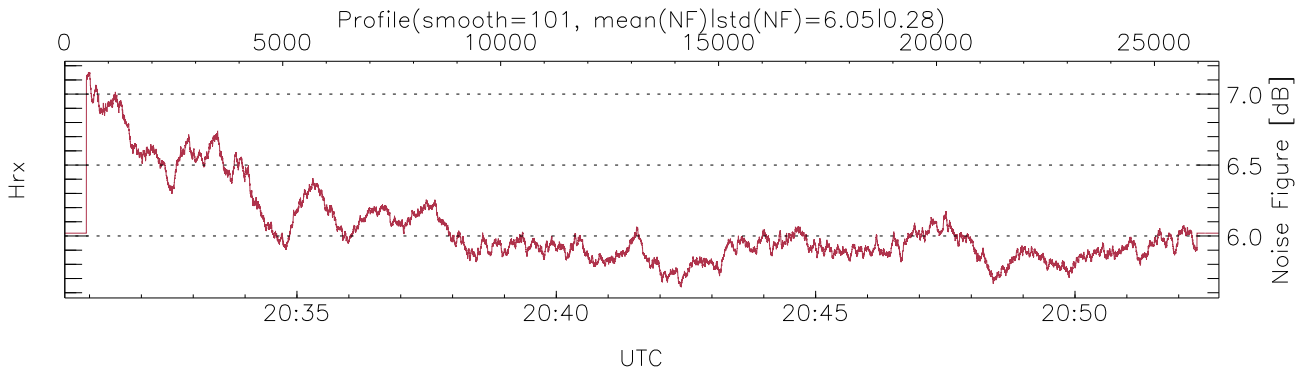
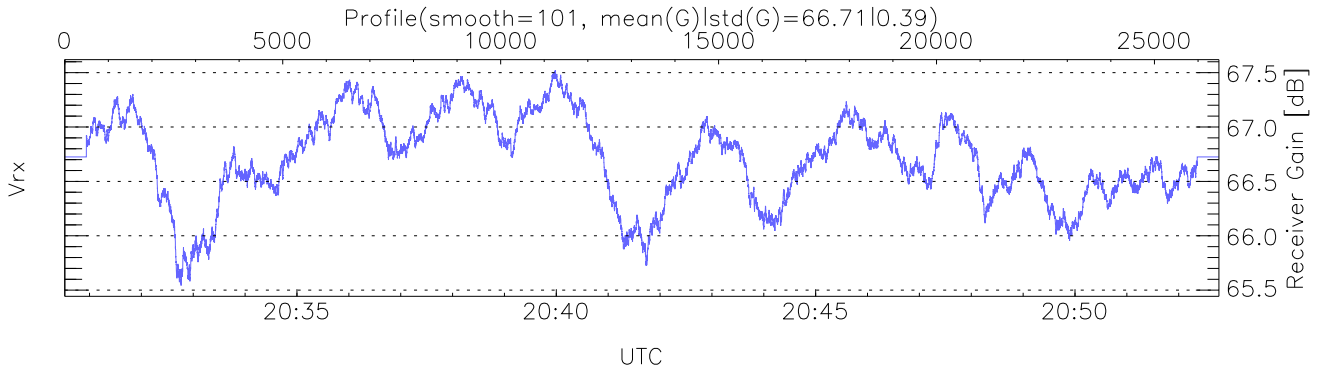
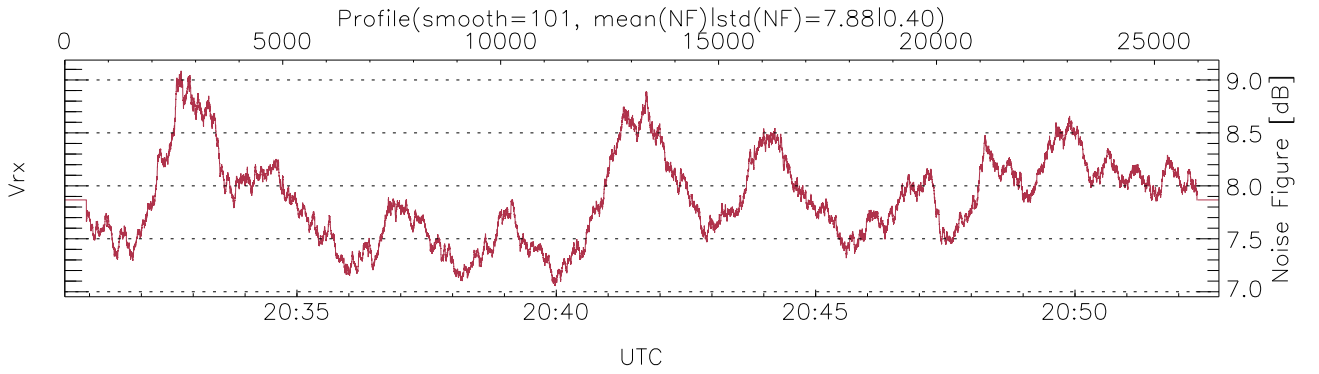
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

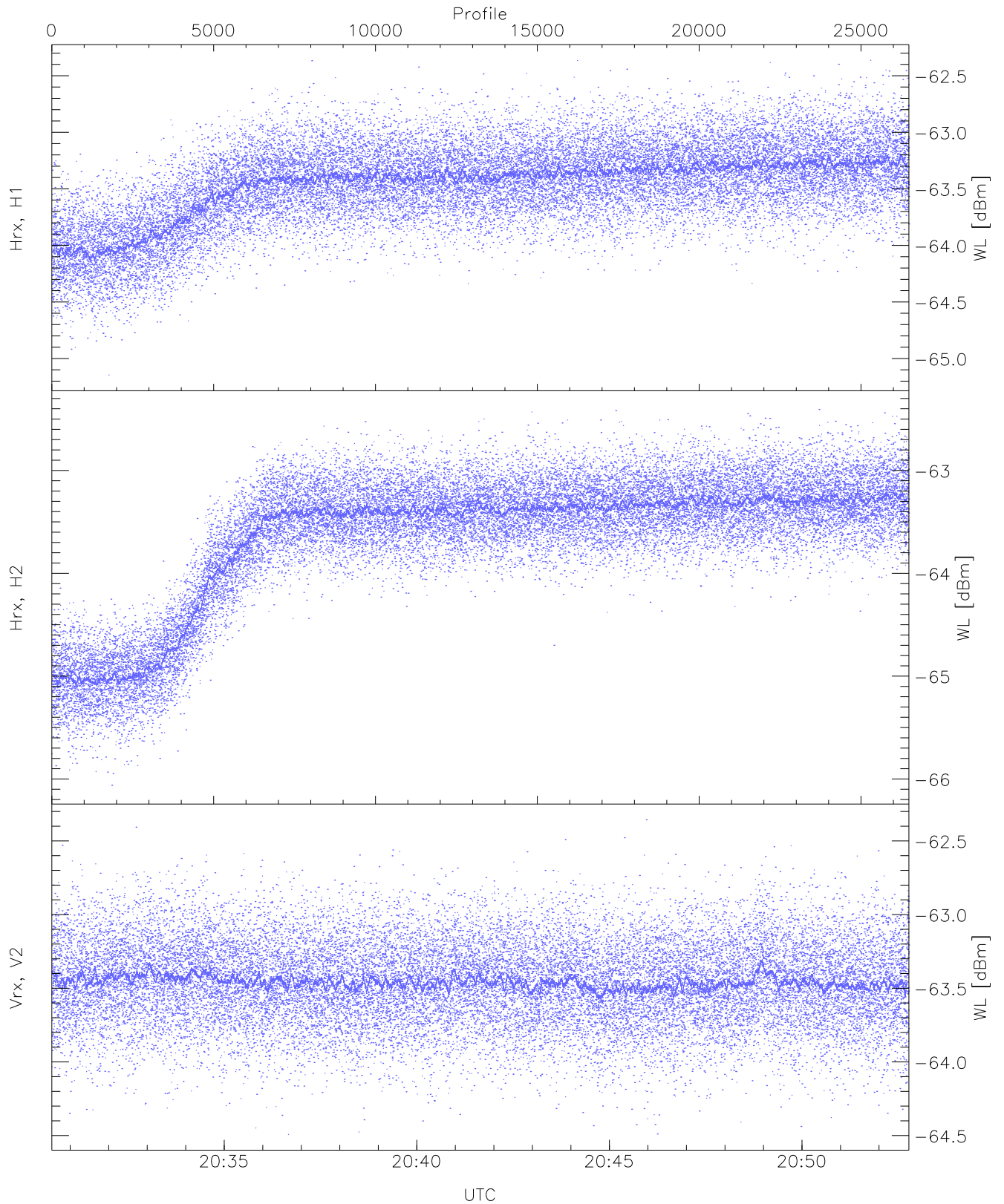
UTC: 20:30:31-20:52:47, Dur: 1335.15s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 26481/26481, 0-26480/20:30:31-20:52:47  
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 16.7 16.7 16.7 16.7 16.7 KHz, IGS: 60us  
 Range(min,max,rgs): 105,7689,15.0 m, Gates: 506, Aspect: 2.6



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

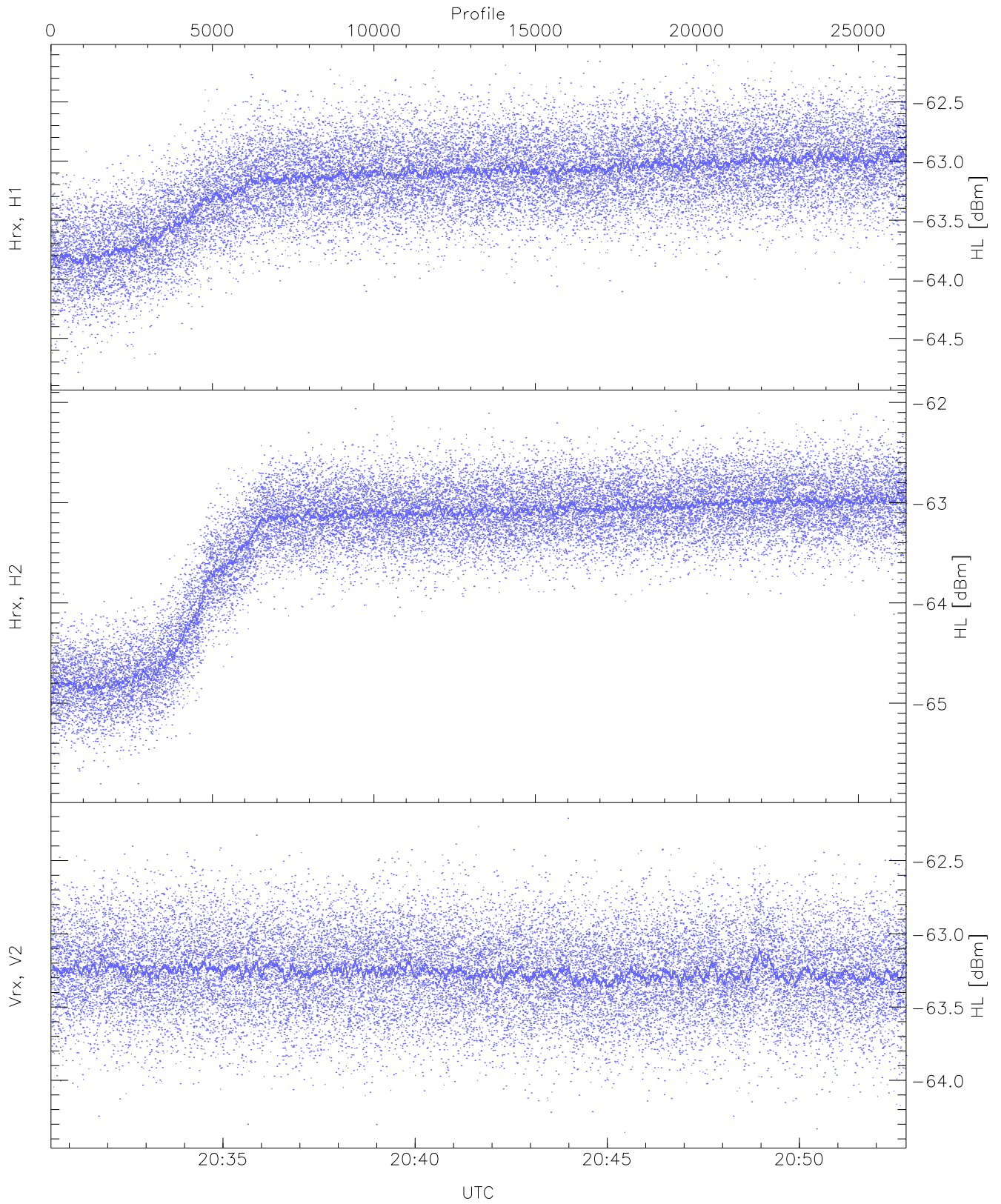
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,8,13,21,23  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,12,16,23,26  
LOalarm(20,80,240,2.8,14.8 MHz): 15,0,0,22,0  
EIK/Modulator Faults: None





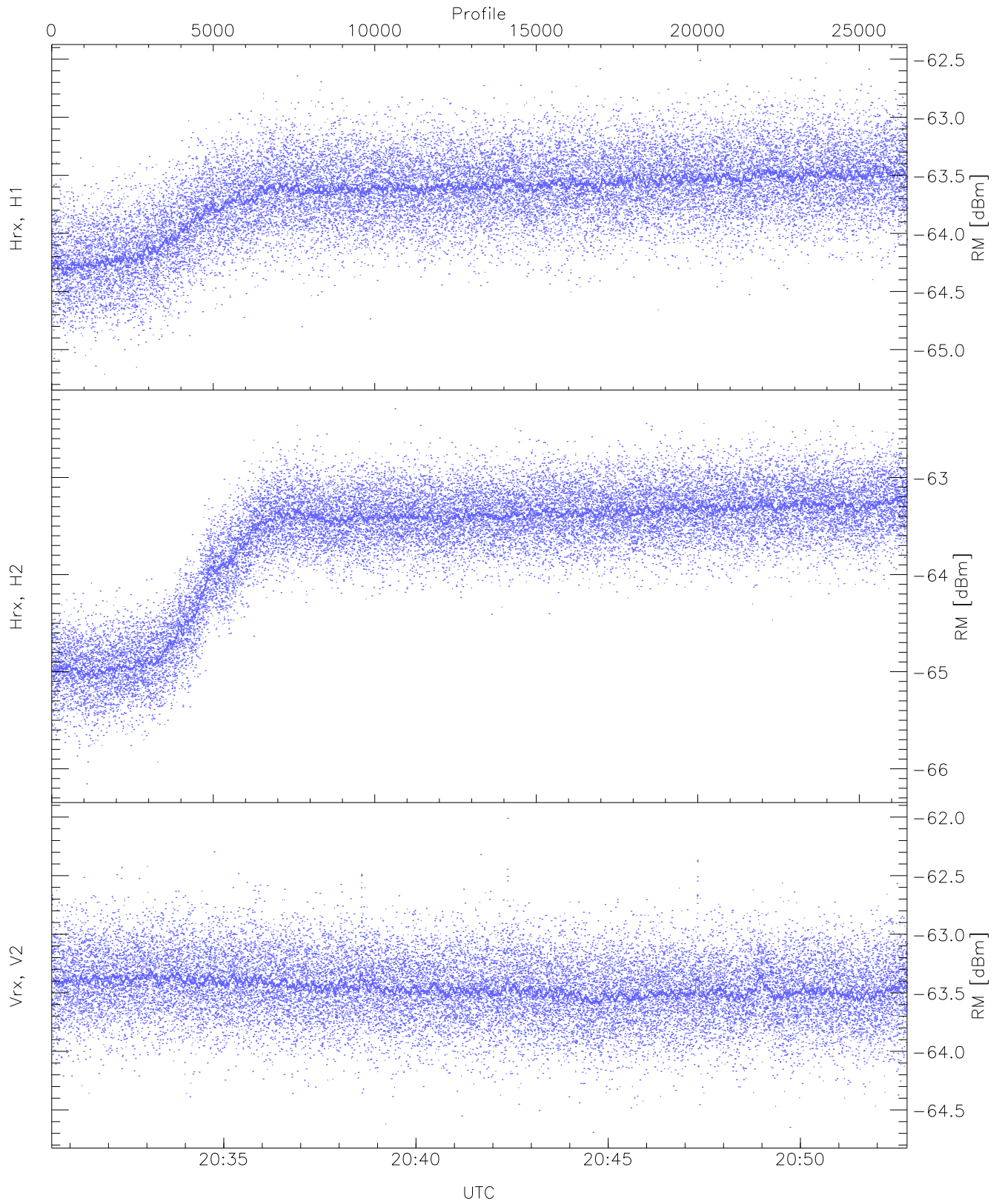
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -65.15 | -62.36 | -63.45 | -63.43 | -74.37 |
| Hrx, H2 (WL [dBm]) | -66.06 | -62.41 | -63.61 | -63.45 | -72.22 |
| Vrx, V2 (WL [dBm]) | -64.49 | -62.36 | -63.45 | -63.46 | -75.53 |



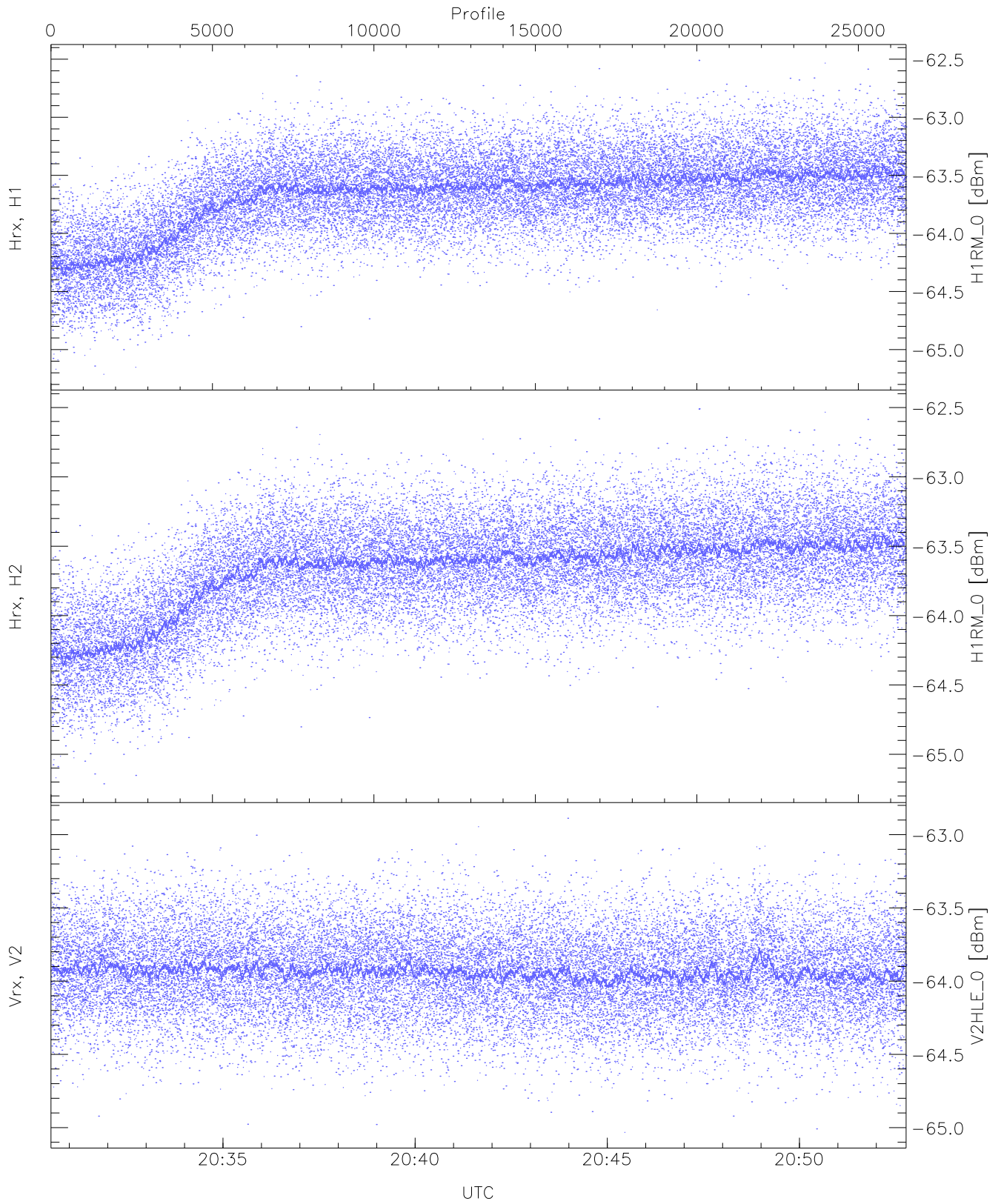
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.80 | -62.15 | -63.17 | -63.14 | -73.98 |
| Hrx, H2 (HL [dBm]) | -65.80 | -62.06 | -63.33 | -63.16 | -71.81 |
| Vrx, V2 (HL [dBm]) | -64.36 | -62.21 | -63.26 | -63.26 | -75.40 |



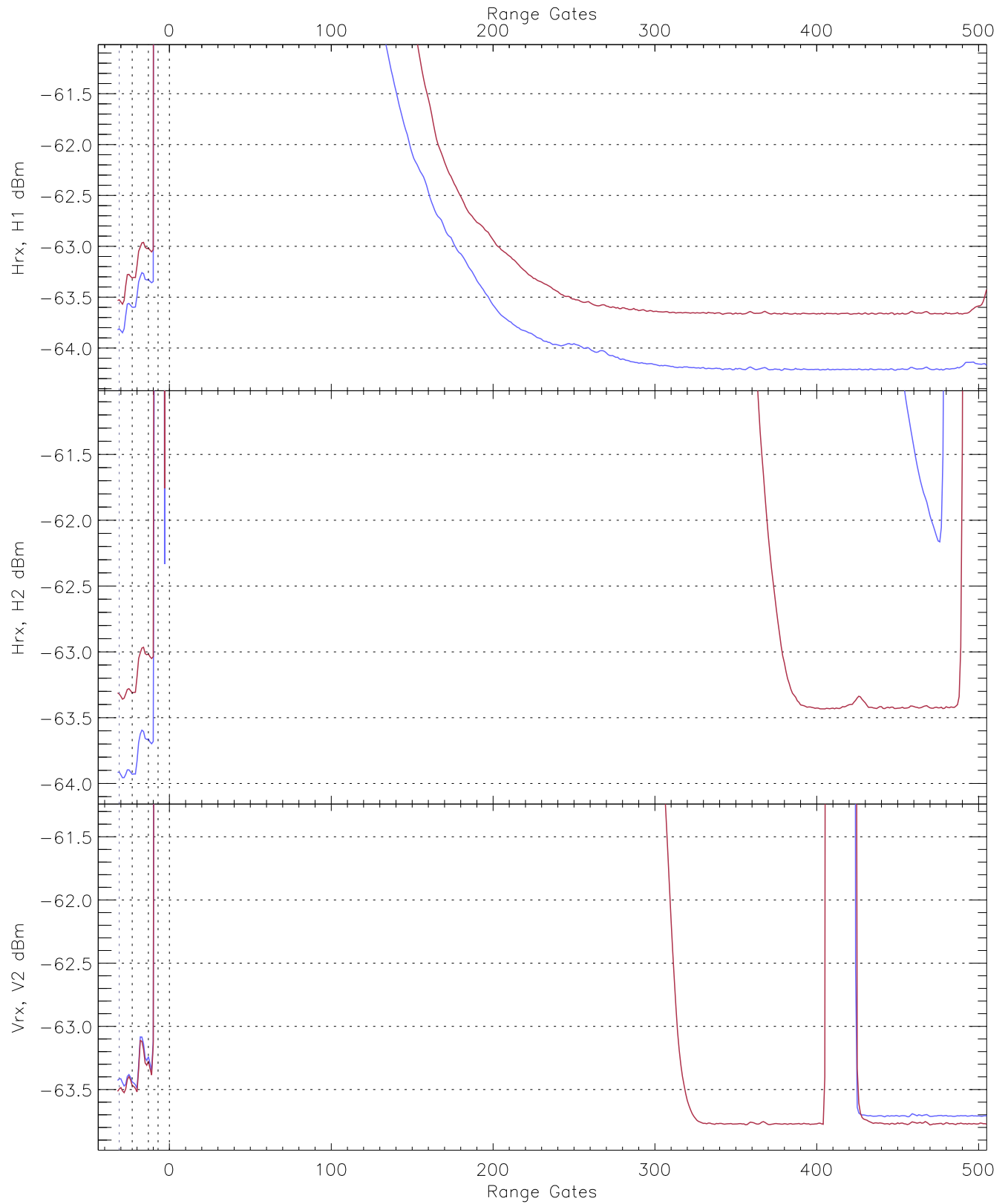
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.21 | -62.51 | -63.67 | -63.64 | -74.59 |
| Hrx, H2 (RM [dBm]) | -66.15 | -62.29 | -63.61 | -63.46 | -72.34 |
| Vrx, V2 (RM [dBm]) | -64.69 | -62.01 | -63.45 | -63.46 | -75.47 |



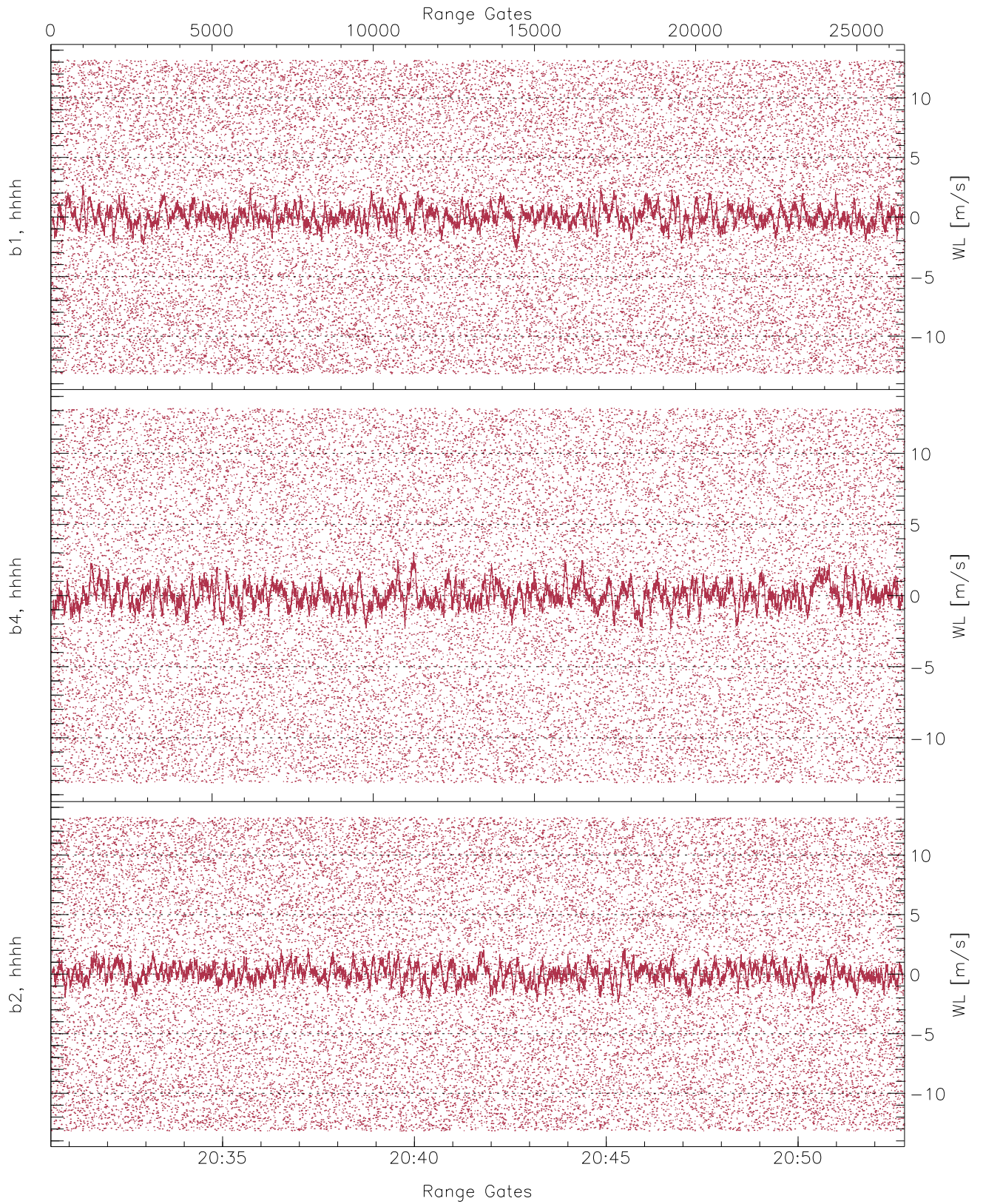
WCR2 CPP "Best" estimate Receivers Noise Power

|               | Min    | Max    | Mean   | Median | StDev  |
|---------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm]  | -65.21 | -62.51 | -63.67 | -63.64 | -74.59 |
| H1RM_0 [dBm]  | -65.21 | -62.51 | -63.67 | -63.64 | -74.59 |
| V2HLE_0 [dBm] | -65.03 | -62.89 | -63.94 | -63.94 | -76.07 |

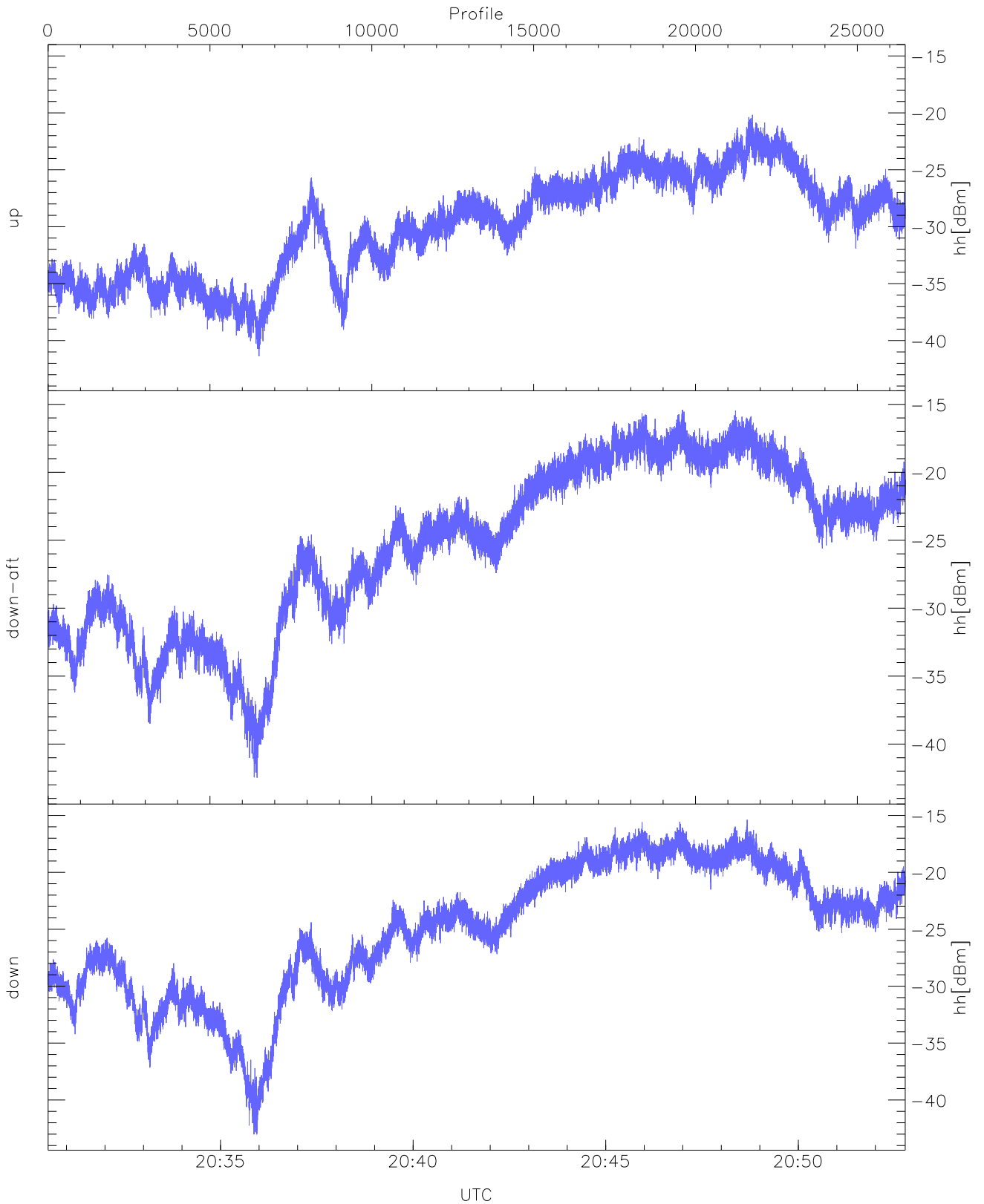


WCR2 CPP Averaged Received power for all recorded gates  
blue: 203031-204138, 13241 profiles averaged  
red: 204138-205247, 13241 profiles averaged



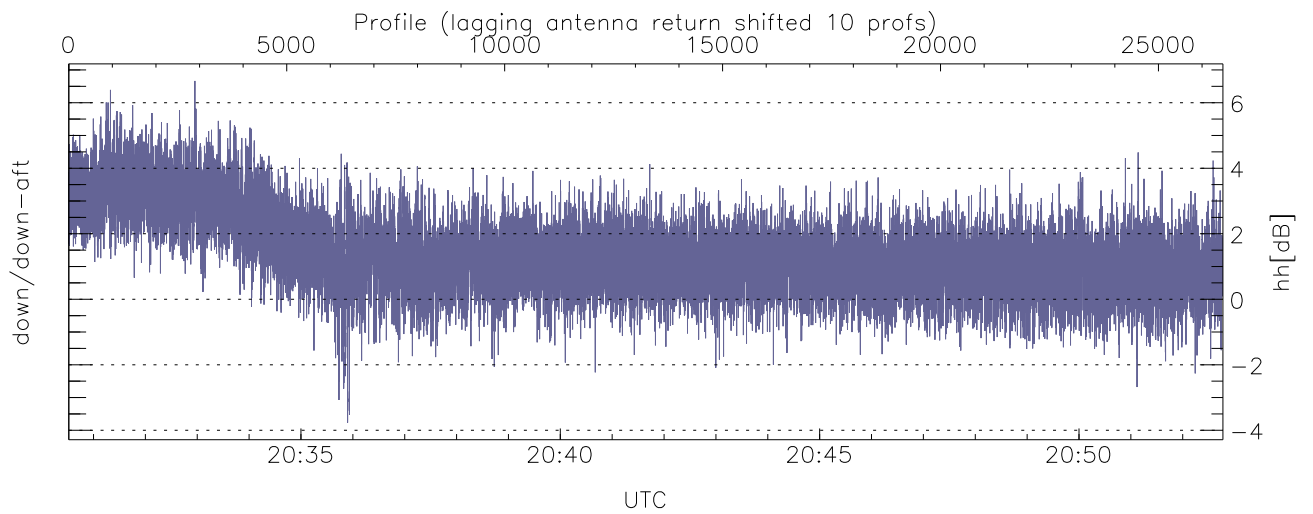
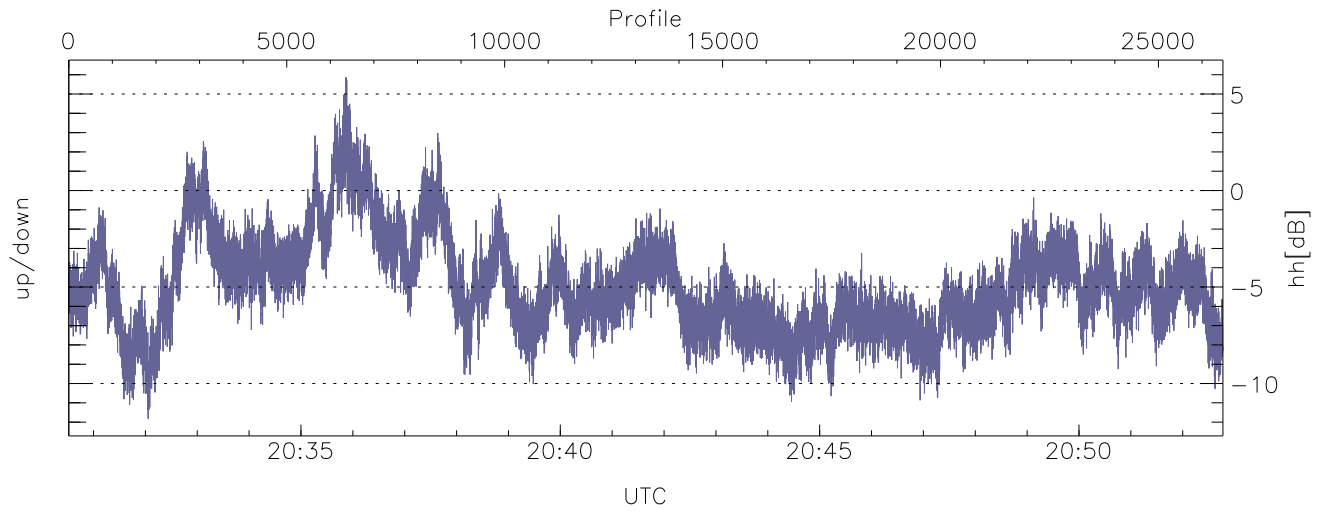


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



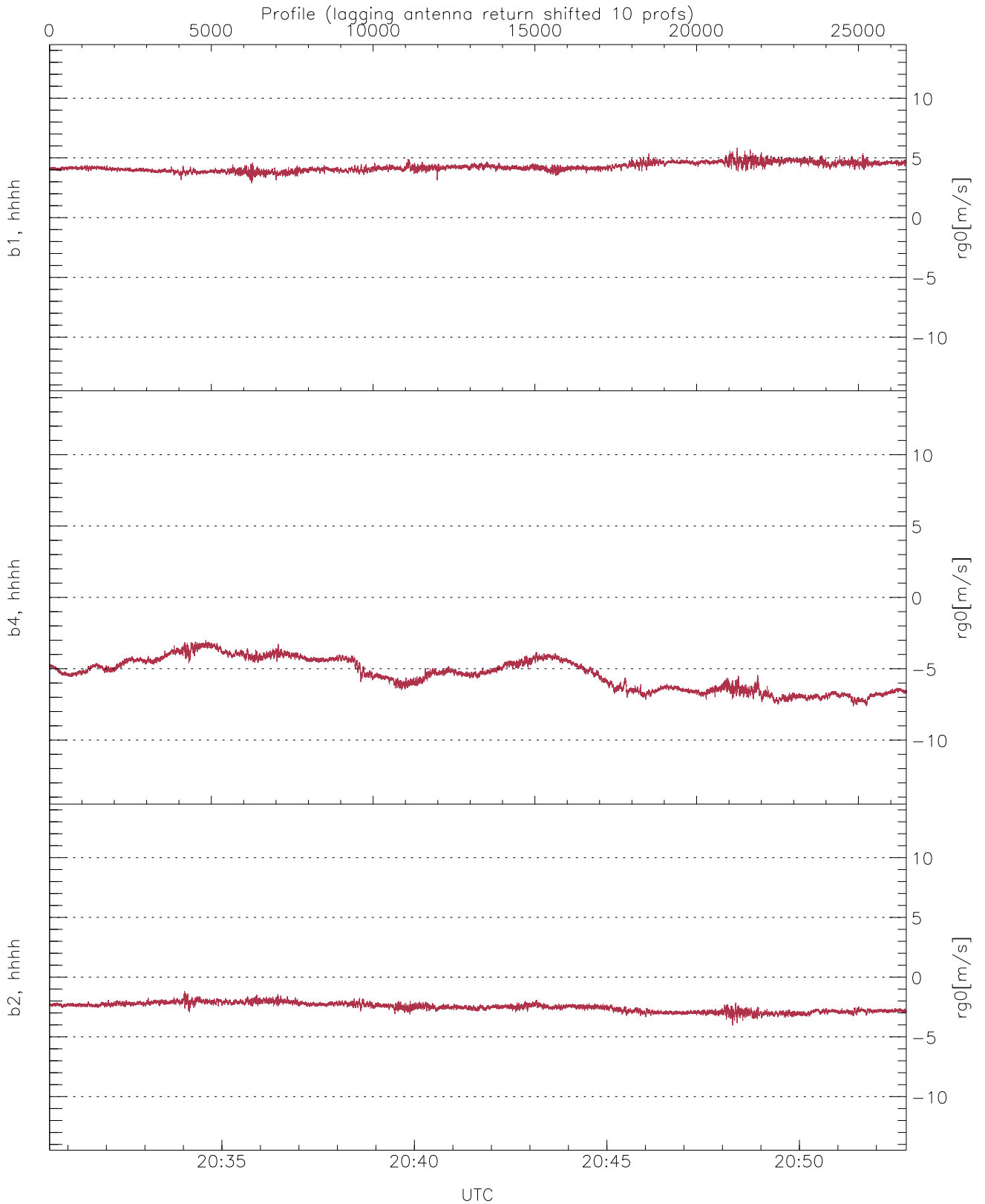
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

|                   | Min    | Max    | Mean   |
|-------------------|--------|--------|--------|
| up(hh[dBm])       | -41.39 | -20.17 | -27.98 |
| down-aft(hh[dBm]) | -42.47 | -15.40 | -22.21 |
| down(hh[dBm])     | -43.03 | -15.38 | -22.22 |



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

|                       | Min    | Max  | Mean  |
|-----------------------|--------|------|-------|
| up/down(hh[dB])       | -11.83 | 5.87 | -3.77 |
| down/down-aft(hh[dB]) | -3.77  | 6.66 | 1.40  |



WCR2 CPP Doppler Velocity Products at 105.1 m range

|                    | Min   | Max   | Mean  | StDev |
|--------------------|-------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | 2.88  | 5.85  | 4.24  | 0.34  |
| b4, hhhh(rg0[m/s]) | -7.63 | -2.99 | -5.38 | 1.12  |
| b2, hhhh(rg0[m/s]) | -4.03 | -1.16 | -2.52 | 0.36  |