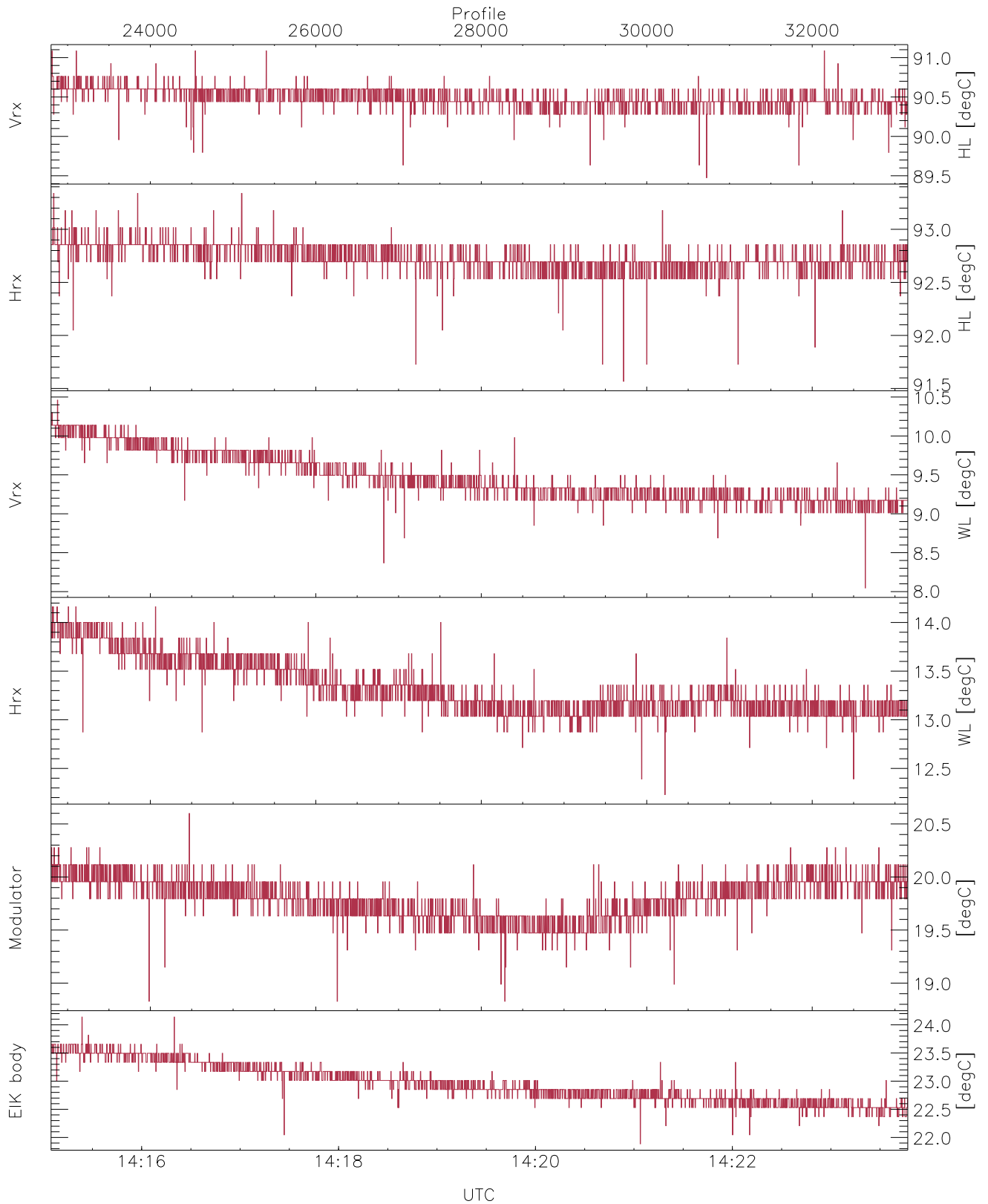


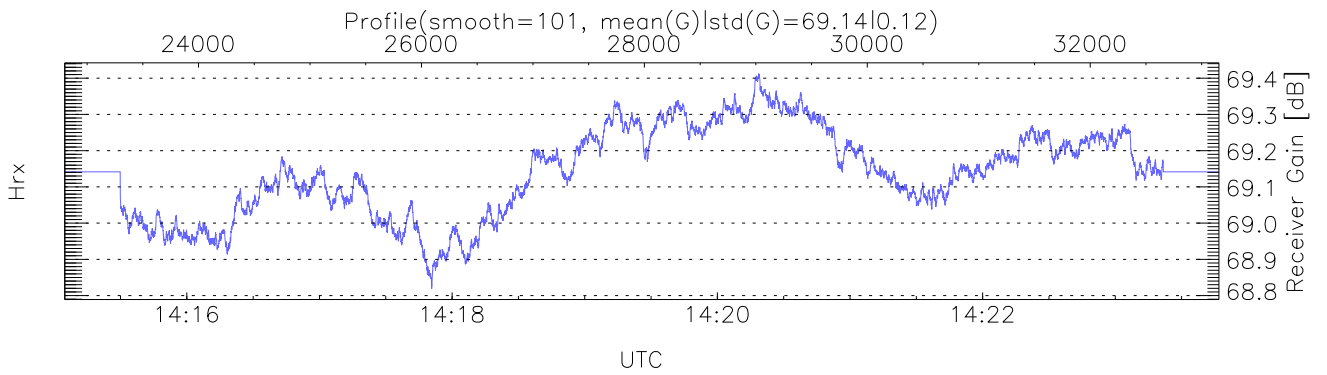
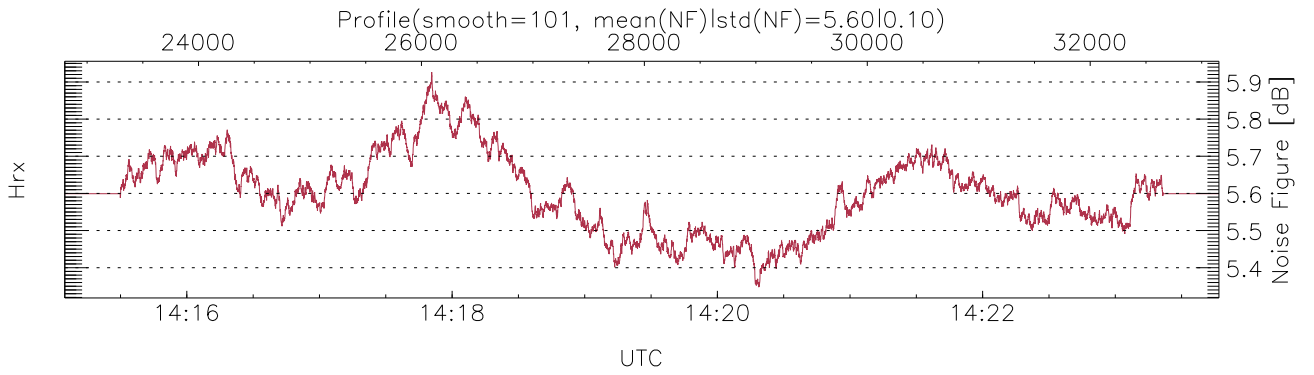
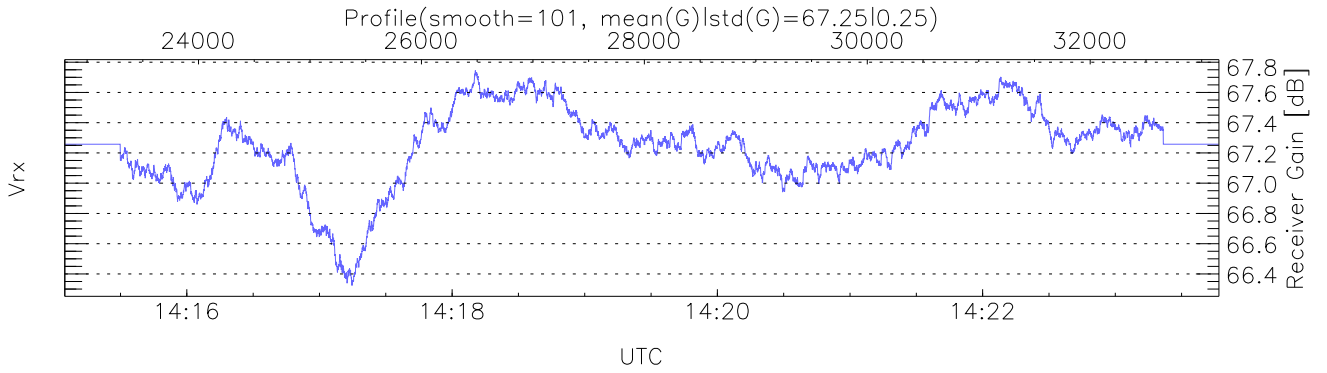
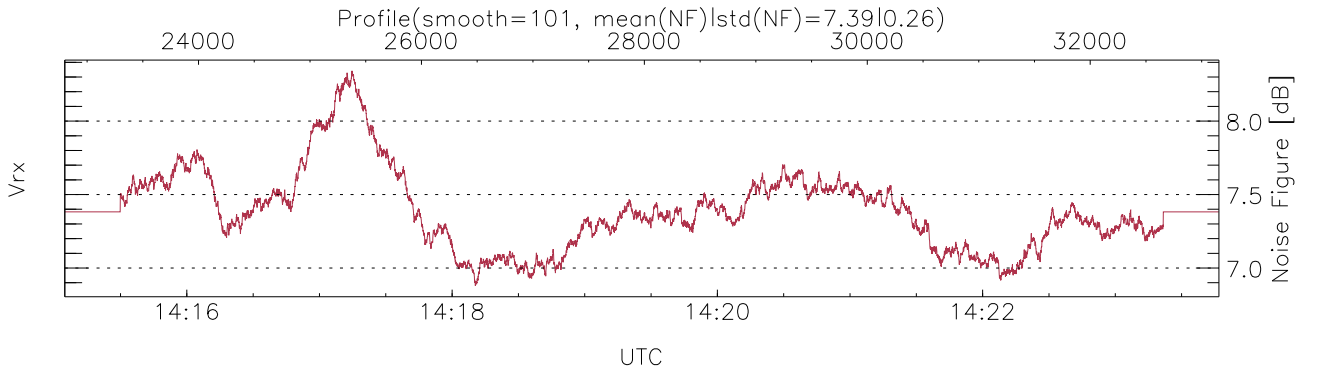
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

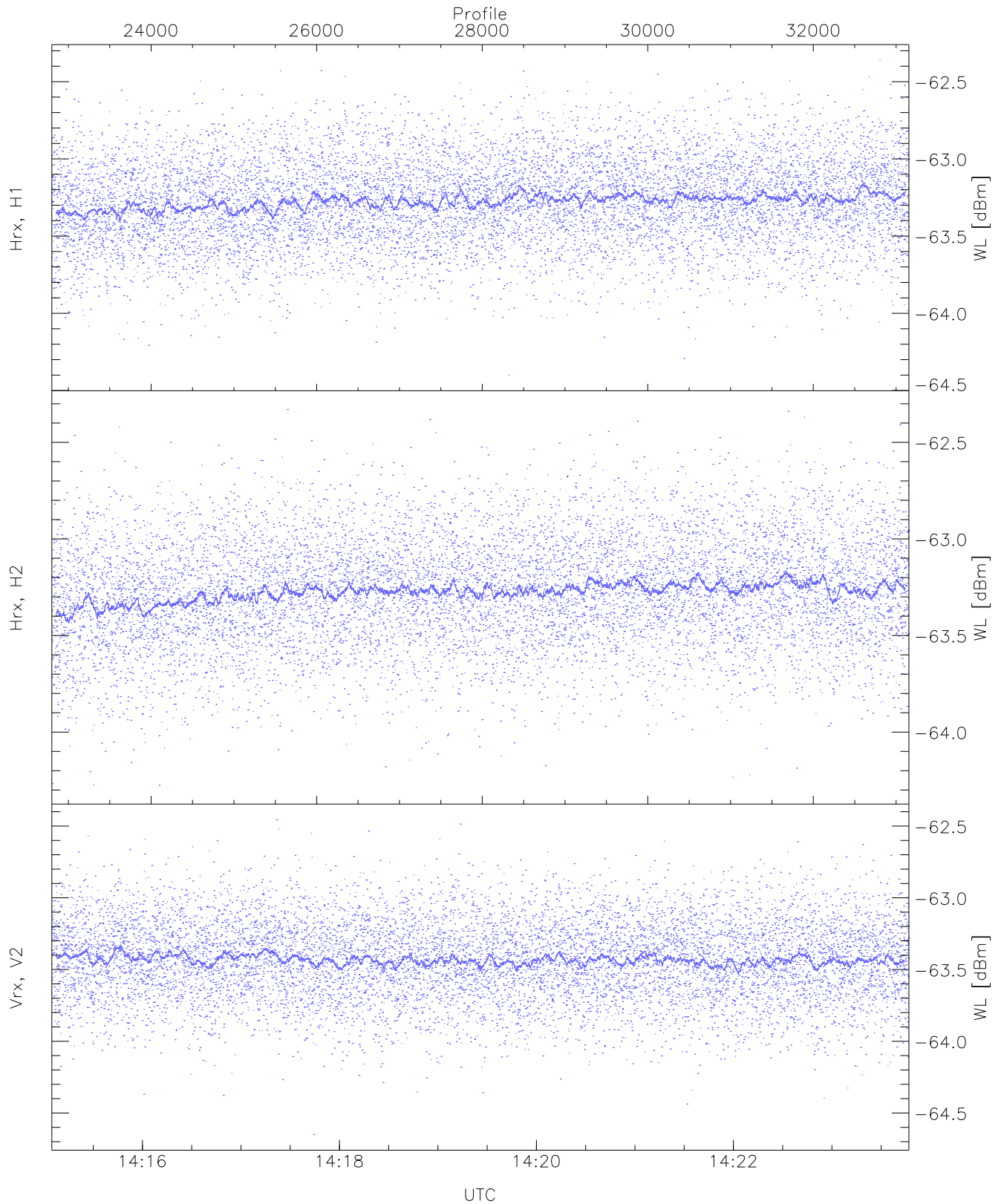
UTC: 13:55:55-14:23:47, Dur: 1671.71s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 10356/33156, 22800-33155/14:15:05-14:23:47  
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 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

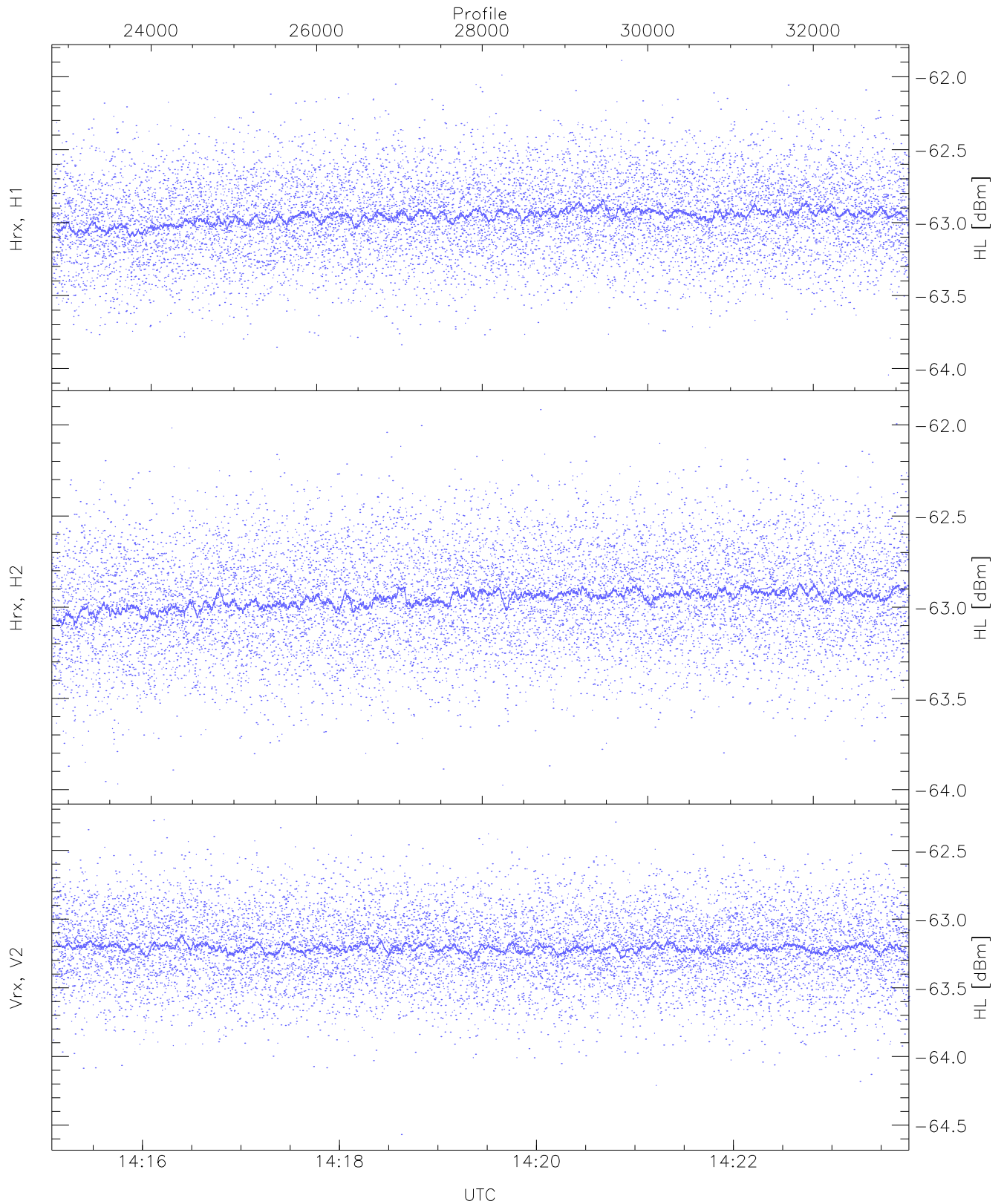
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,8,12,18,21`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,10,14,20,24`  
`LOalarm(20,80,240,2.8,14.8 MHz): 6,0,0,20,0`  
`EIK/Modulator Faults: None`





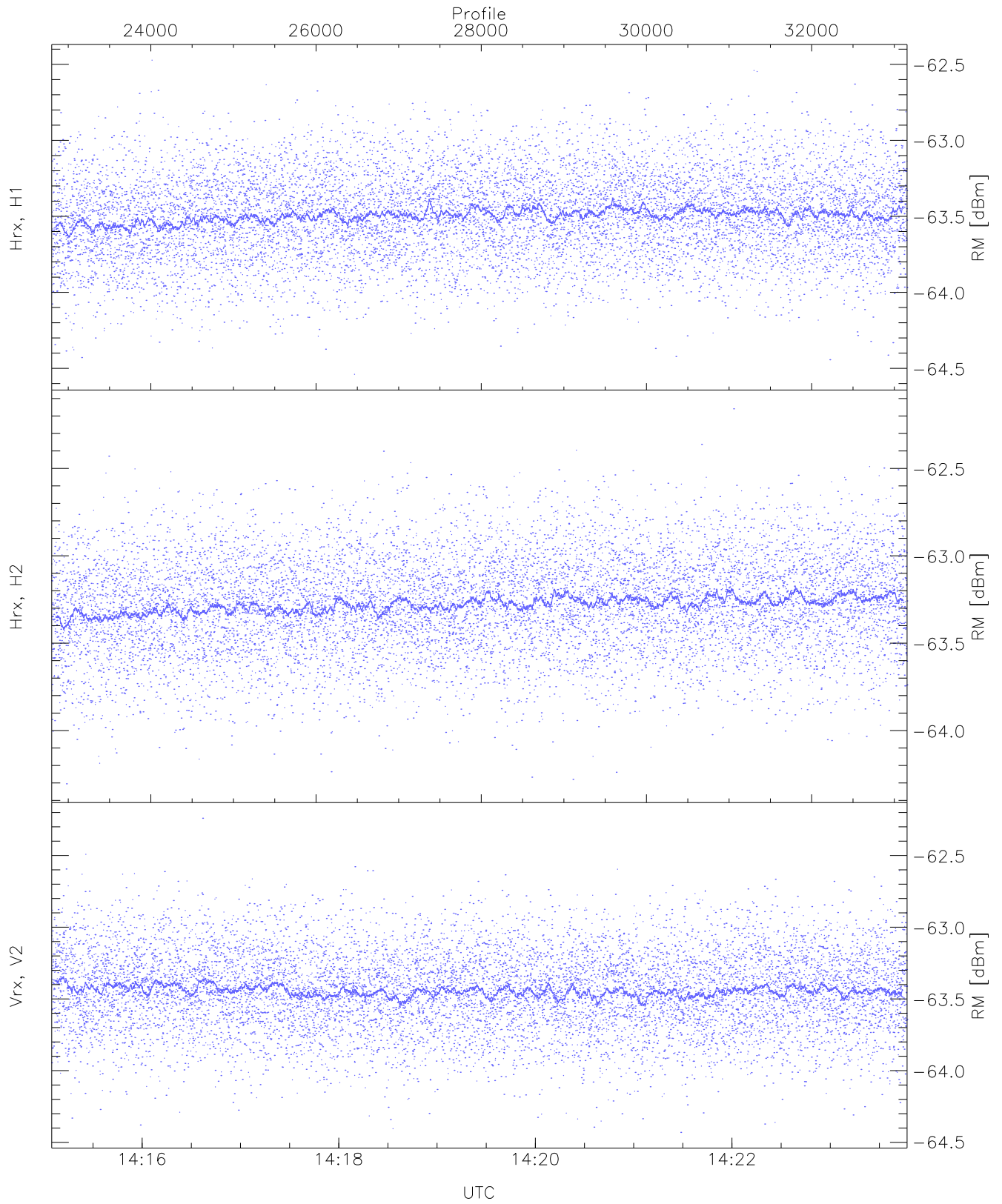
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.40 | -62.36 | -63.27 | -63.28 | -75.39 |
| Hrx, H2 (WL [dBm]) | -64.28 | -62.33 | -63.27 | -63.27 | -75.38 |
| Vrx, V2 (WL [dBm]) | -64.65 | -62.46 | -63.43 | -63.43 | -75.57 |



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

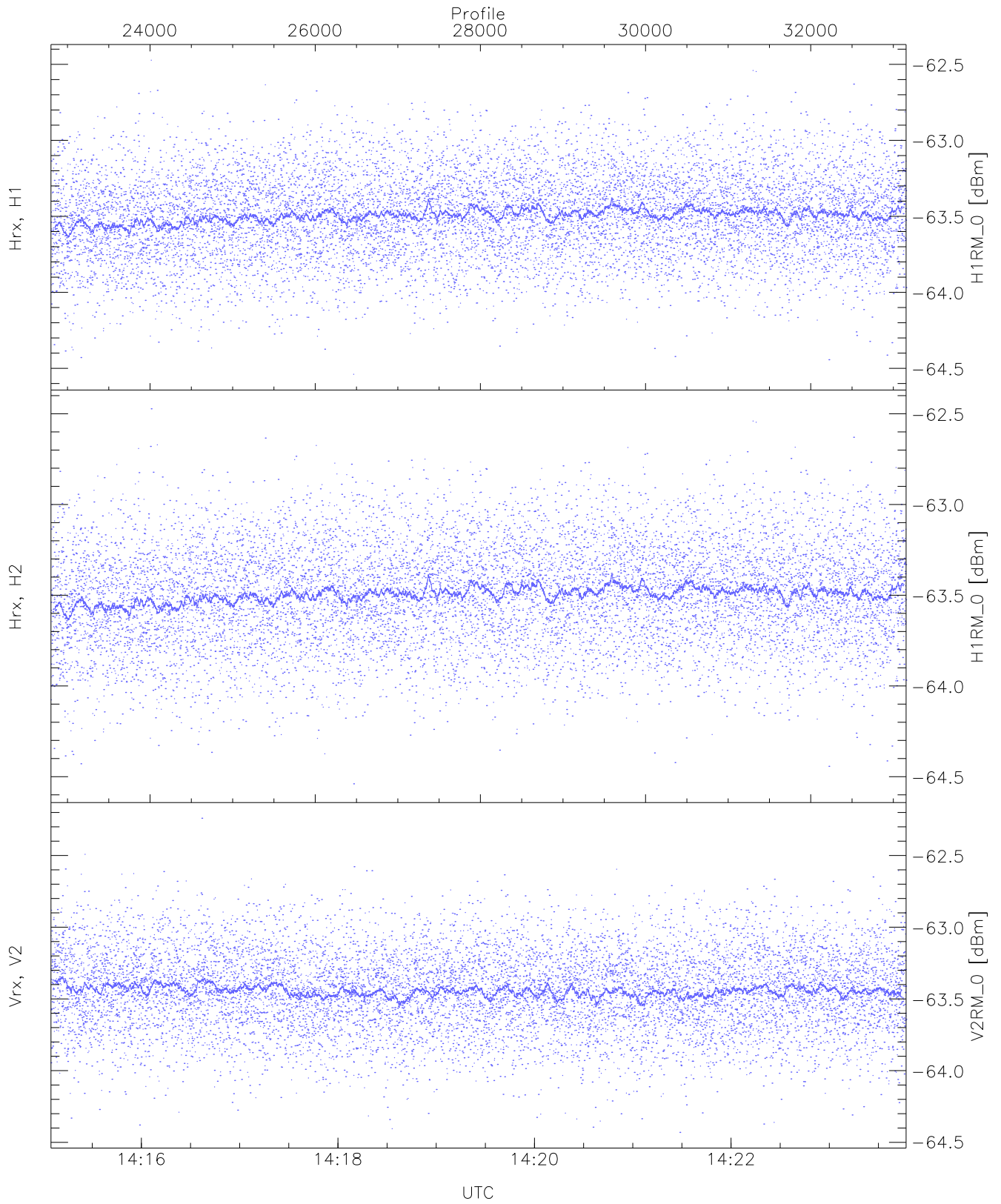
|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.04 | -61.89 | -62.95 | -62.96 | -75.05 |
| Hrx, H2 (HL [dBm]) | -63.98 | -61.92 | -62.95 | -62.96 | -75.05 |
| Vrx, V2 (HL [dBm]) | -64.57 | -62.28 | -63.20 | -63.21 | -75.42 |



WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

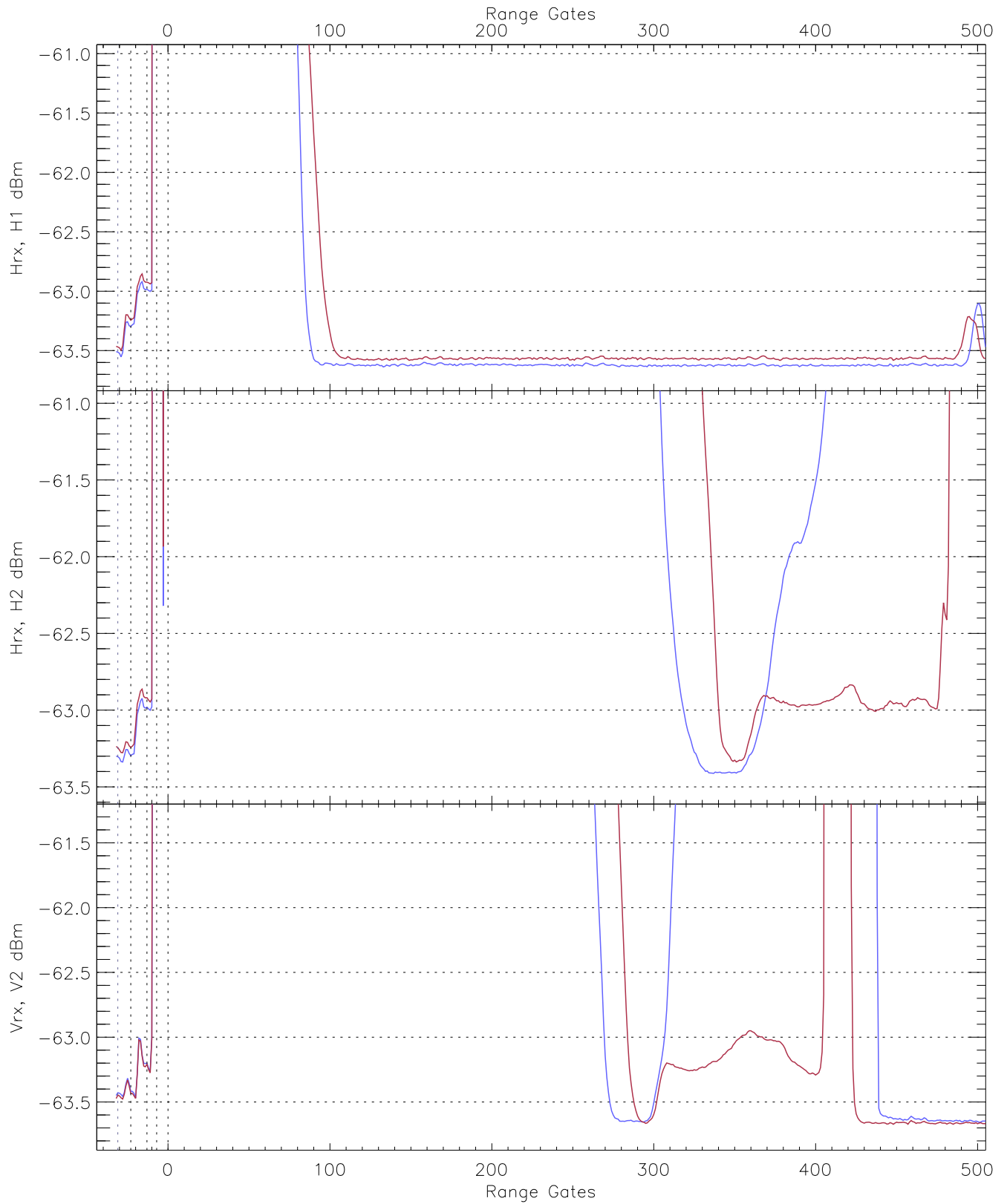
|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -64.54 | -62.47 | -63.49 | -63.49 | -75.59 |
| Hrx, H2 (RM [dBm]) | -64.30 | -62.16 | -63.27 | -63.28 | -75.42 |
| Vrx, V2 (RM [dBm]) | -64.43 | -62.24 | -63.44 | -63.44 | -75.53 |





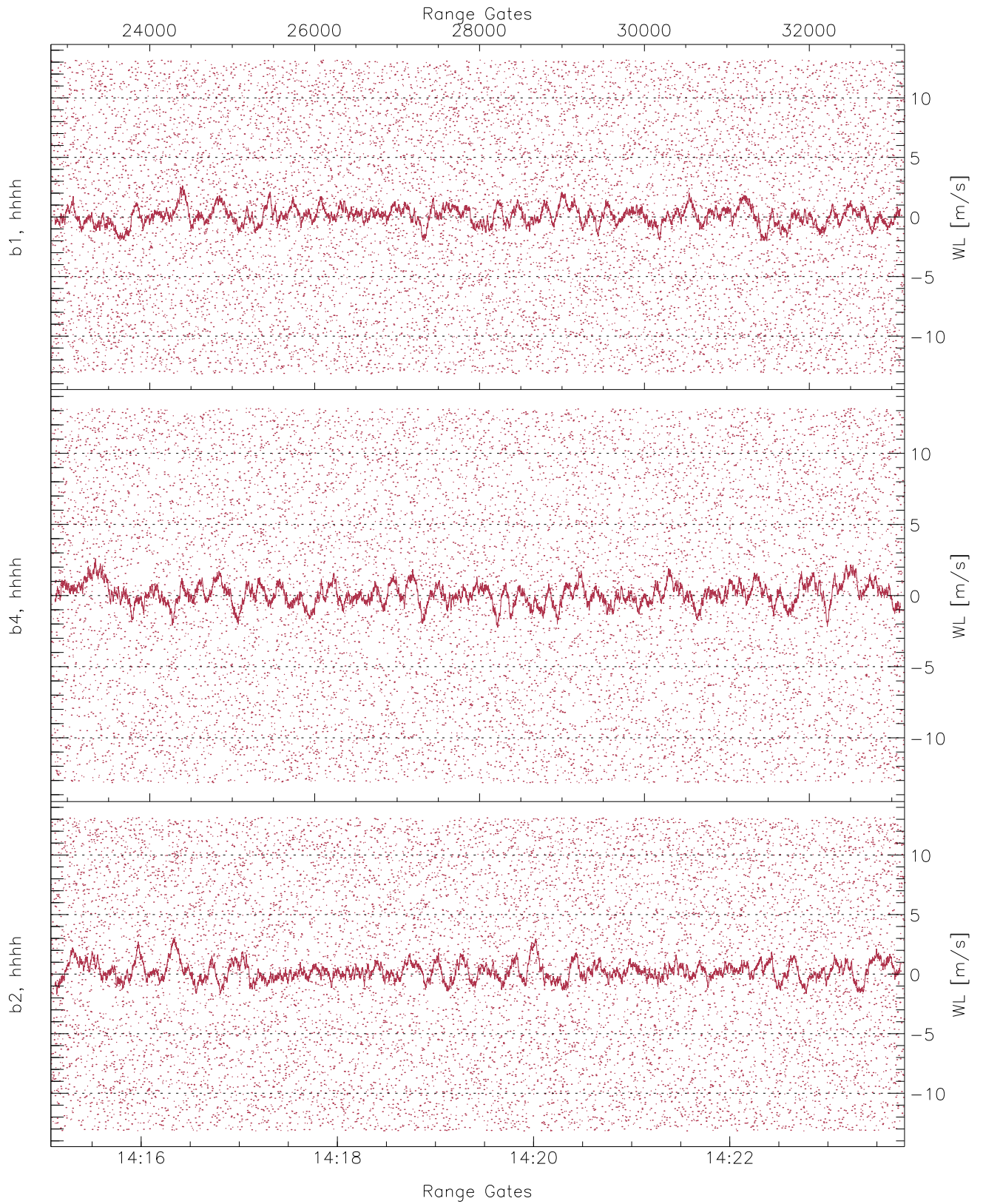
WCR2 CPP "Best" estimate Receivers Noise Power

|              | Min    | Max    | Mean   | Median | StDev  |
|--------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -64.54 | -62.47 | -63.49 | -63.49 | -75.59 |
| H1RM_0 [dBm] | -64.54 | -62.47 | -63.49 | -63.49 | -75.59 |
| V2RM_0 [dBm] | -64.43 | -62.24 | -63.44 | -63.44 | -75.53 |

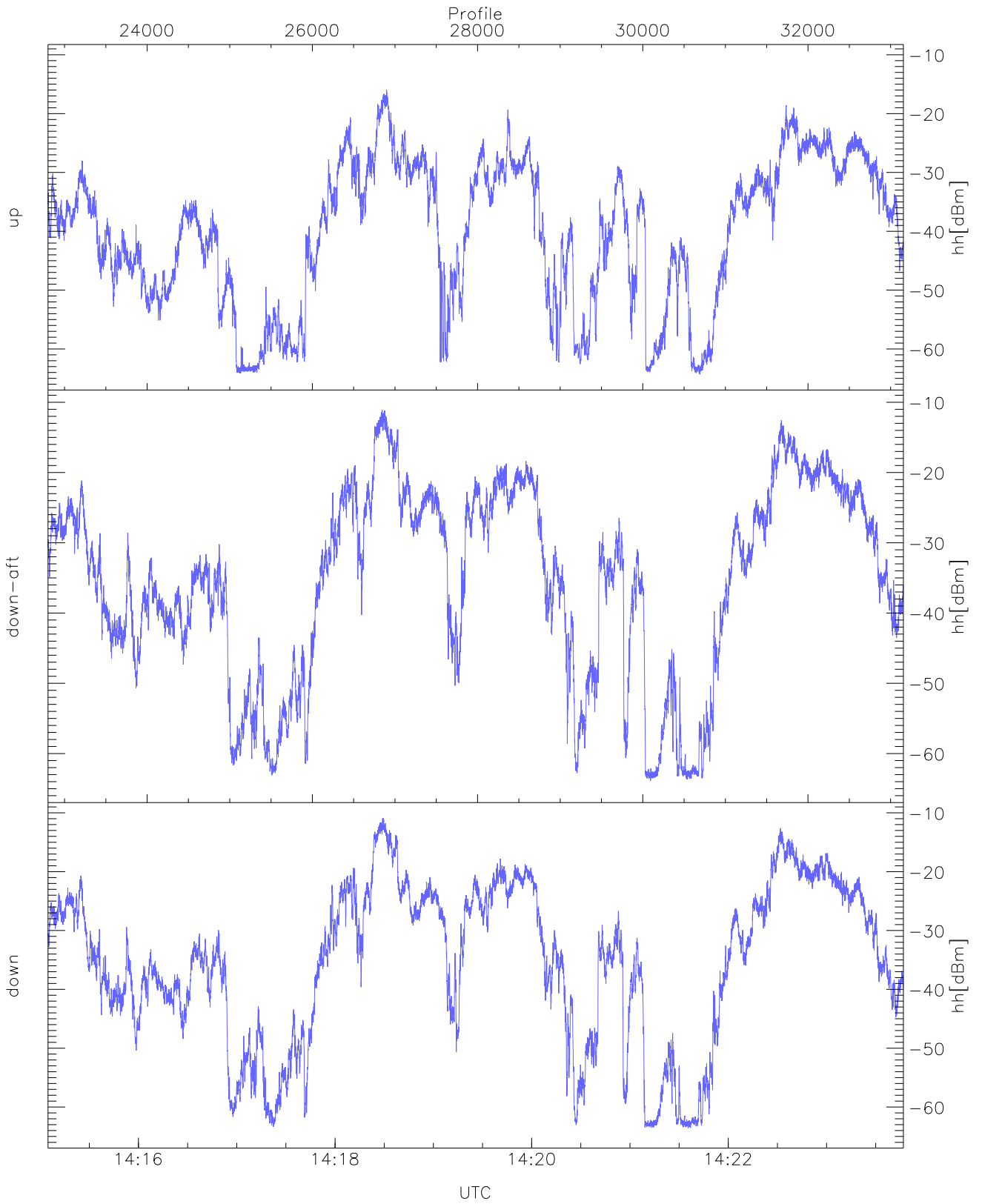


WCR2 CPP Averaged Received power for all recorded gates  
blue: 141505-141925, 5179 profiles averaged  
red: 141925-142347, 5178 profiles averaged



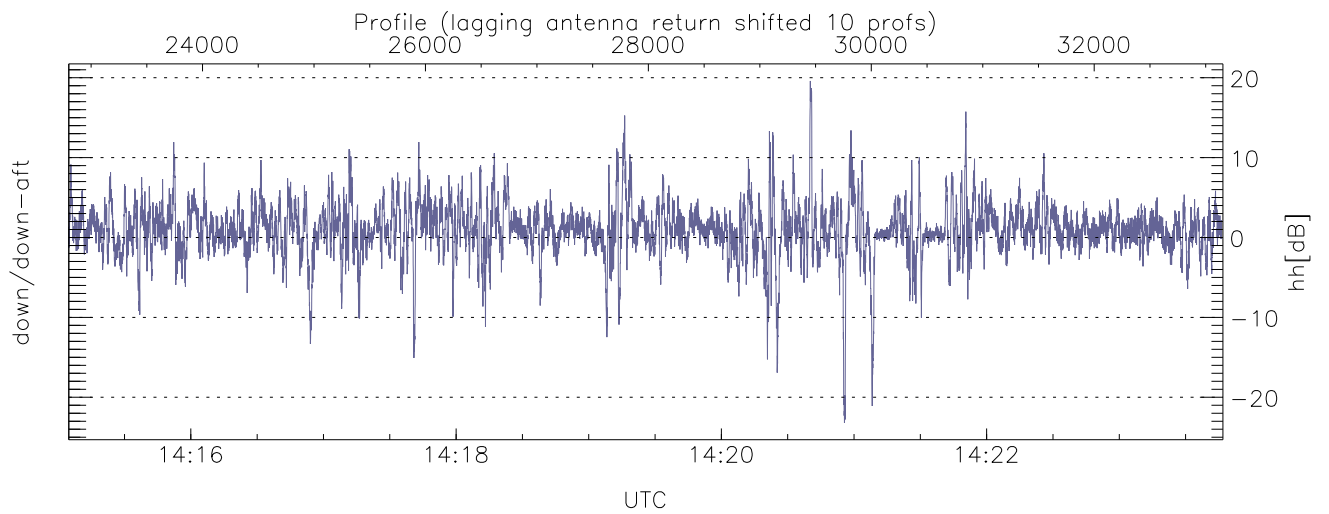
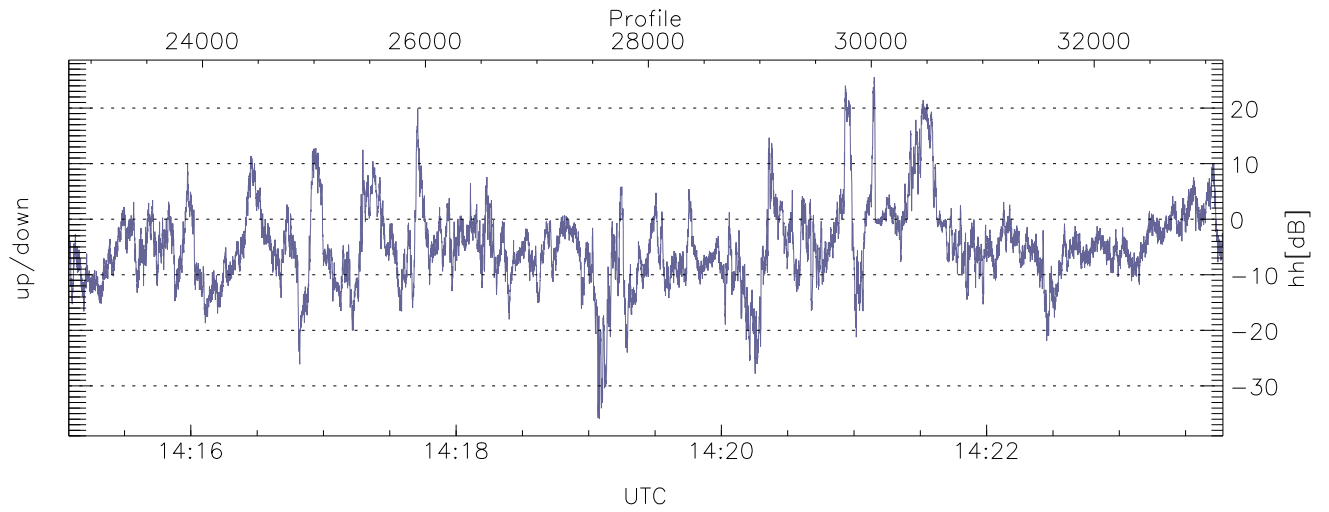


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



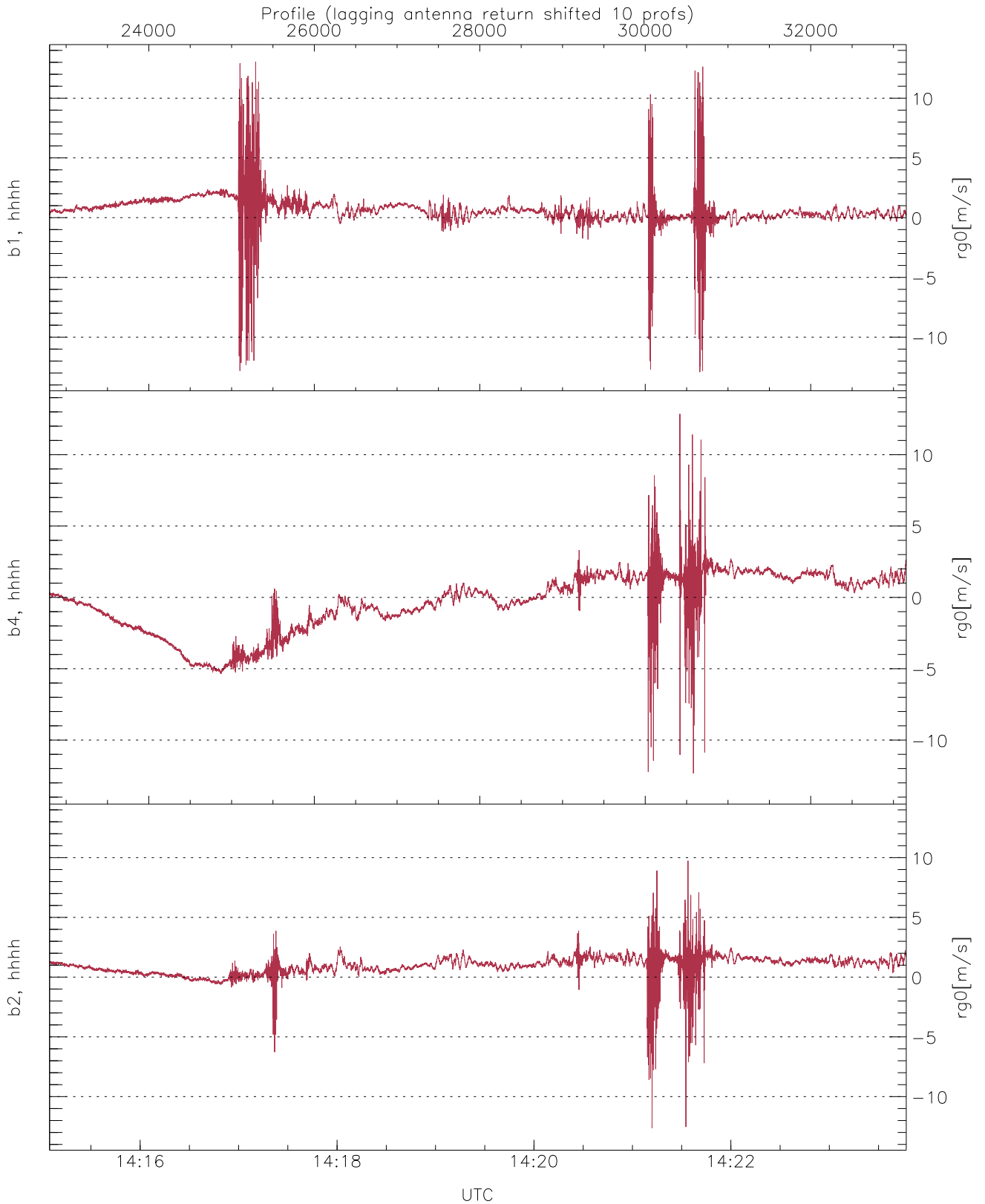
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

|                   | Min    | Max    | Mean   |
|-------------------|--------|--------|--------|
| up(hh[dBm])       | -64.31 | -15.95 | -30.29 |
| down-aft(hh[dBm]) | -63.87 | -11.11 | -24.38 |
| down(hh[dBm])     | -63.57 | -10.92 | -24.32 |



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

|                       | Min    | Max   | Mean  |
|-----------------------|--------|-------|-------|
| up/down(hh[dB])       | -35.93 | 25.57 | -3.83 |
| down/down-aft(hh[dB]) | -23.18 | 19.60 | 1.00  |



WCR2 CPP Doppler Velocity Products at 105.1 m range

|                    | Min    | Max   | Mean  | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -12.92 | 13.05 | 0.63  | 1.31  |
| b4, hhhh(rg0[m/s]) | -12.33 | 12.86 | -0.38 | 2.07  |
| b2, hhhh(rg0[m/s]) | -12.65 | 9.74  | 0.94  | 0.86  |