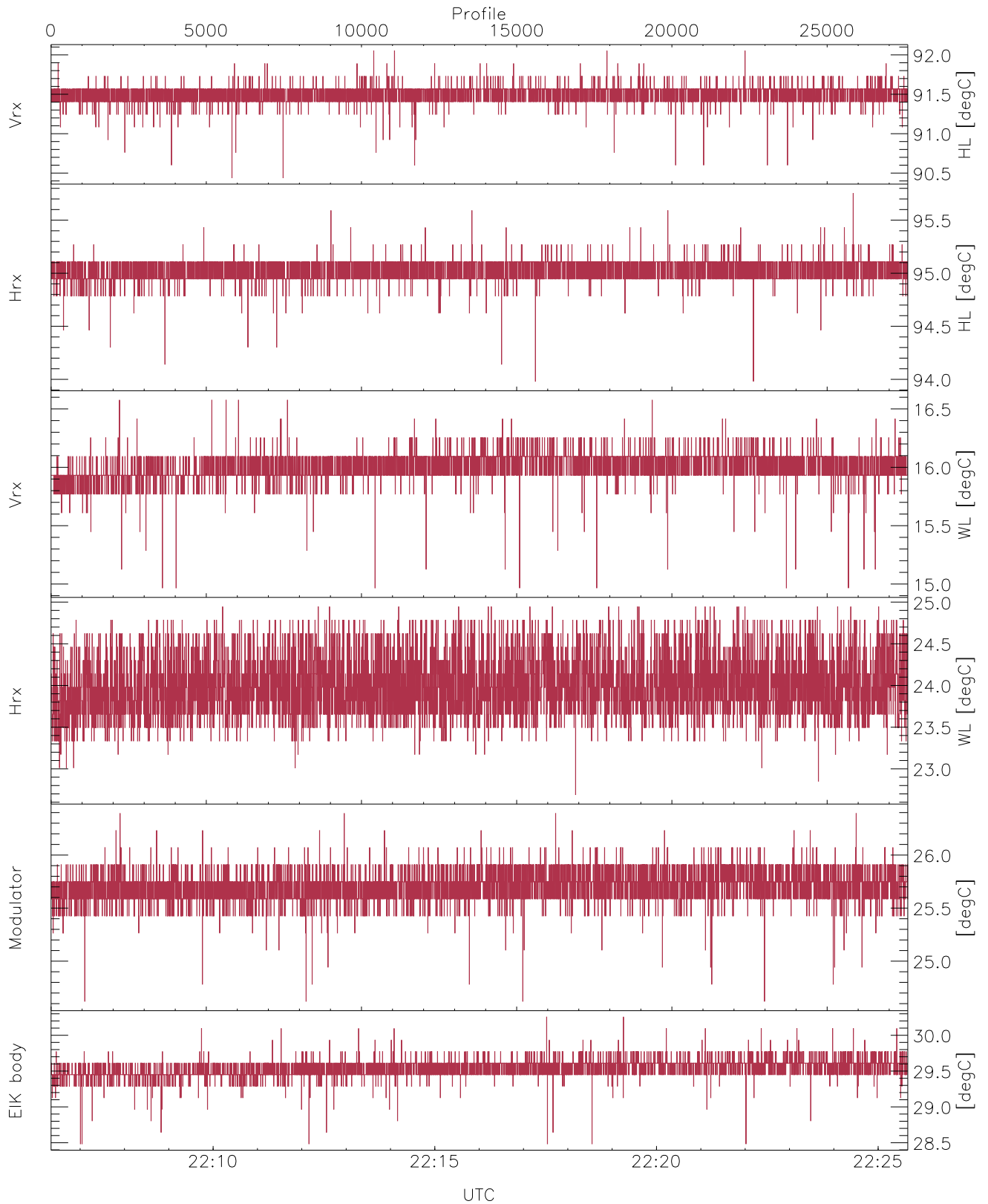


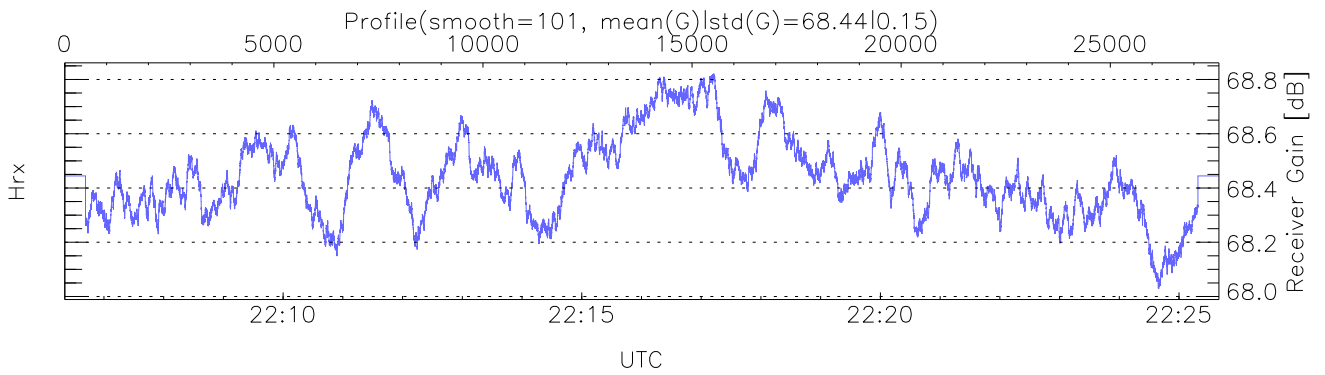
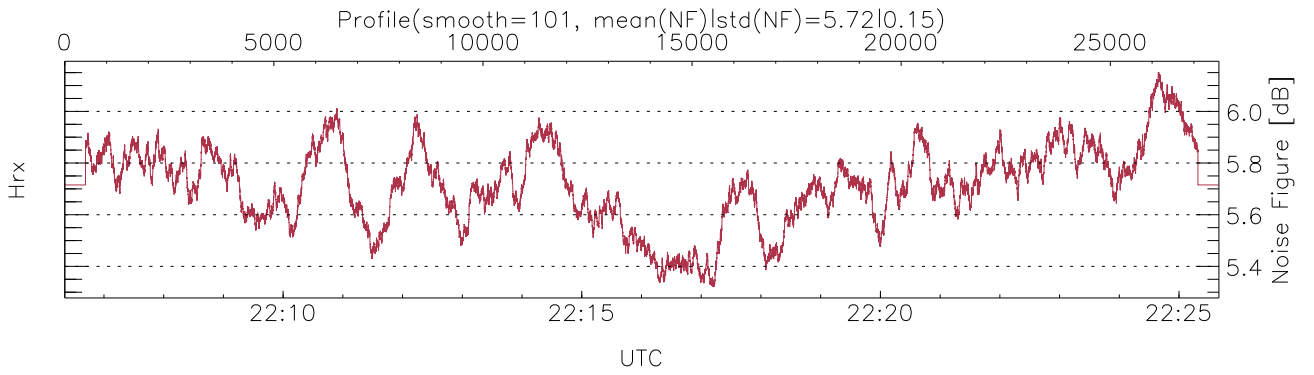
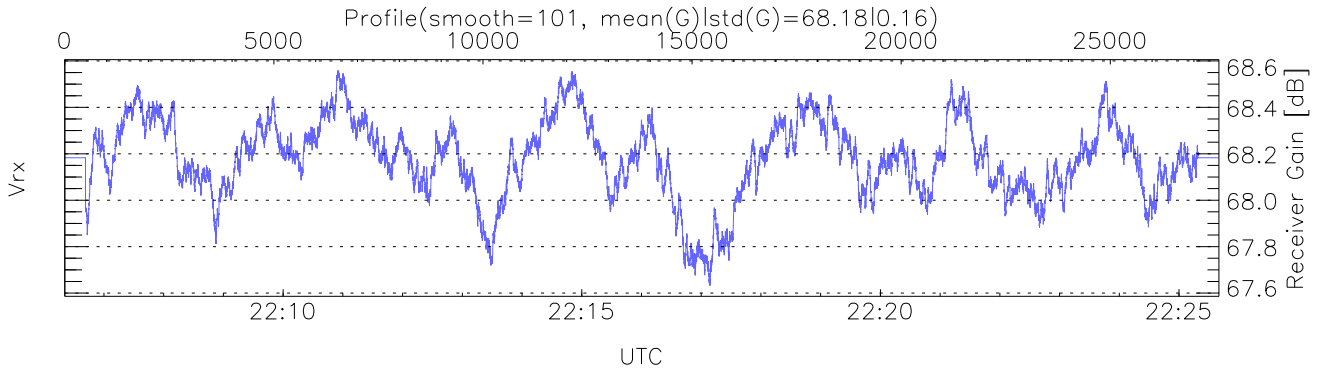
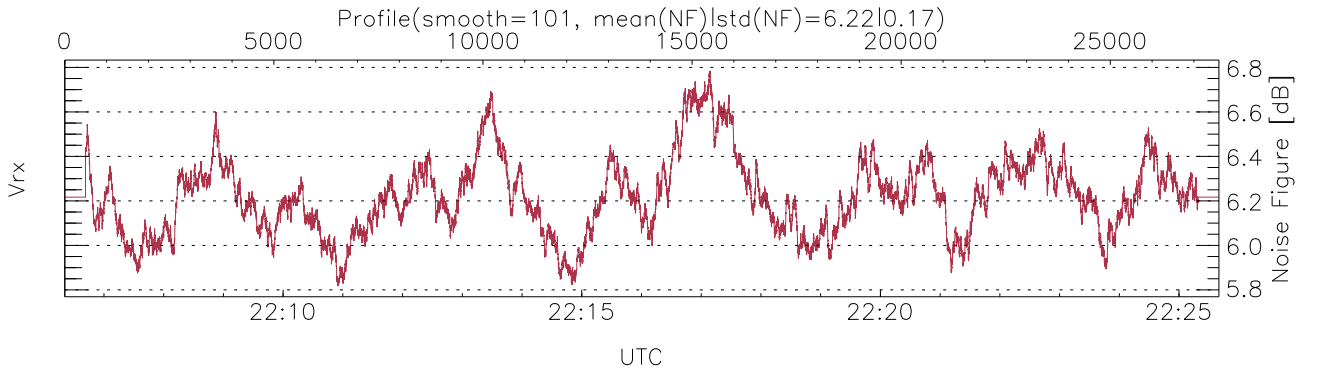
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

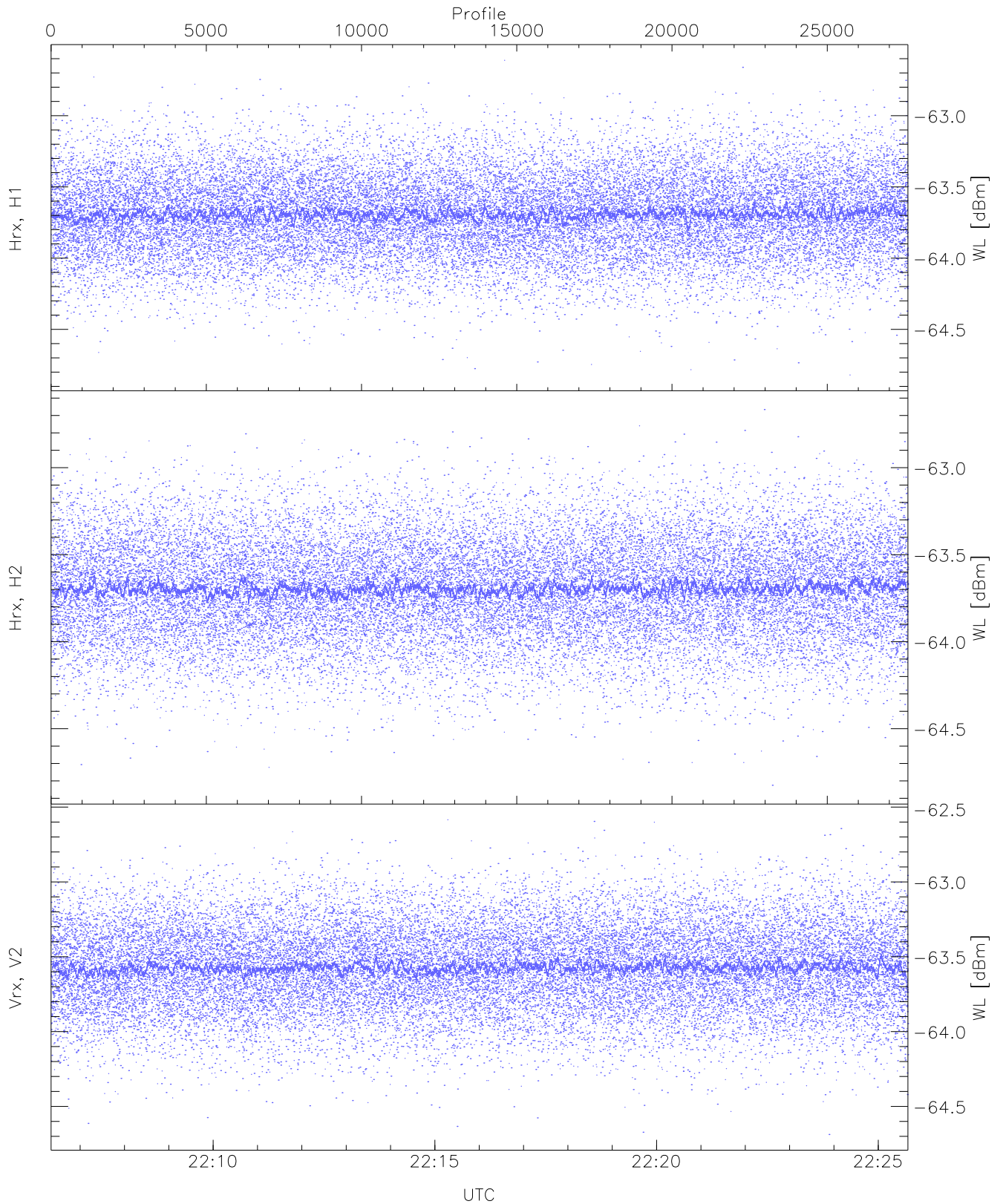
UTC: 22:06:21-22:30:57, Dur: 1476.00s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24  
 NumRec(r/t): 27600/35135, 0-27599/22:06:21-22:25:40  
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 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

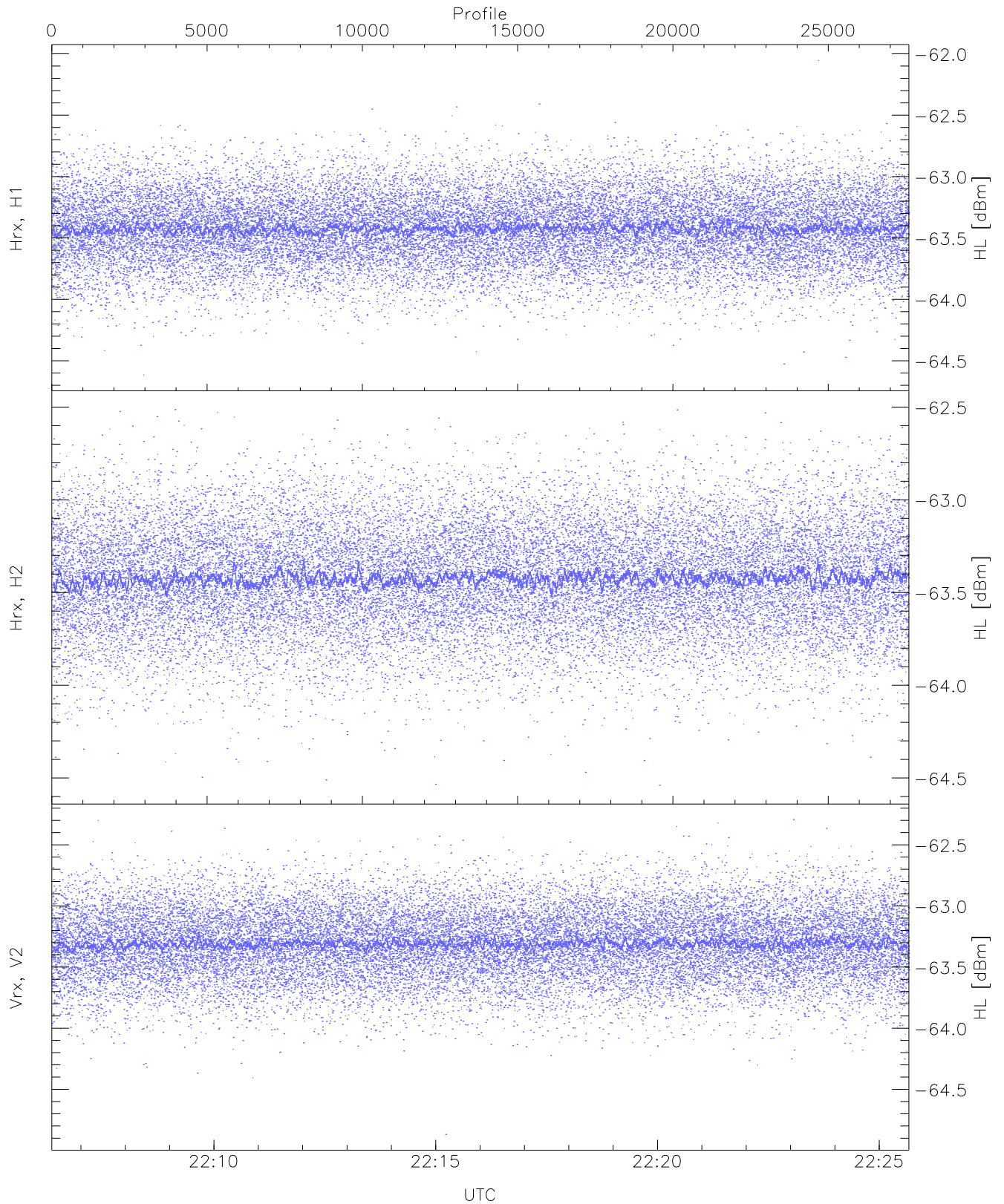
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,93,14,22,24,28  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,95,16,24,26,30  
LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,64,0  
EIK/Modulator Faults: None





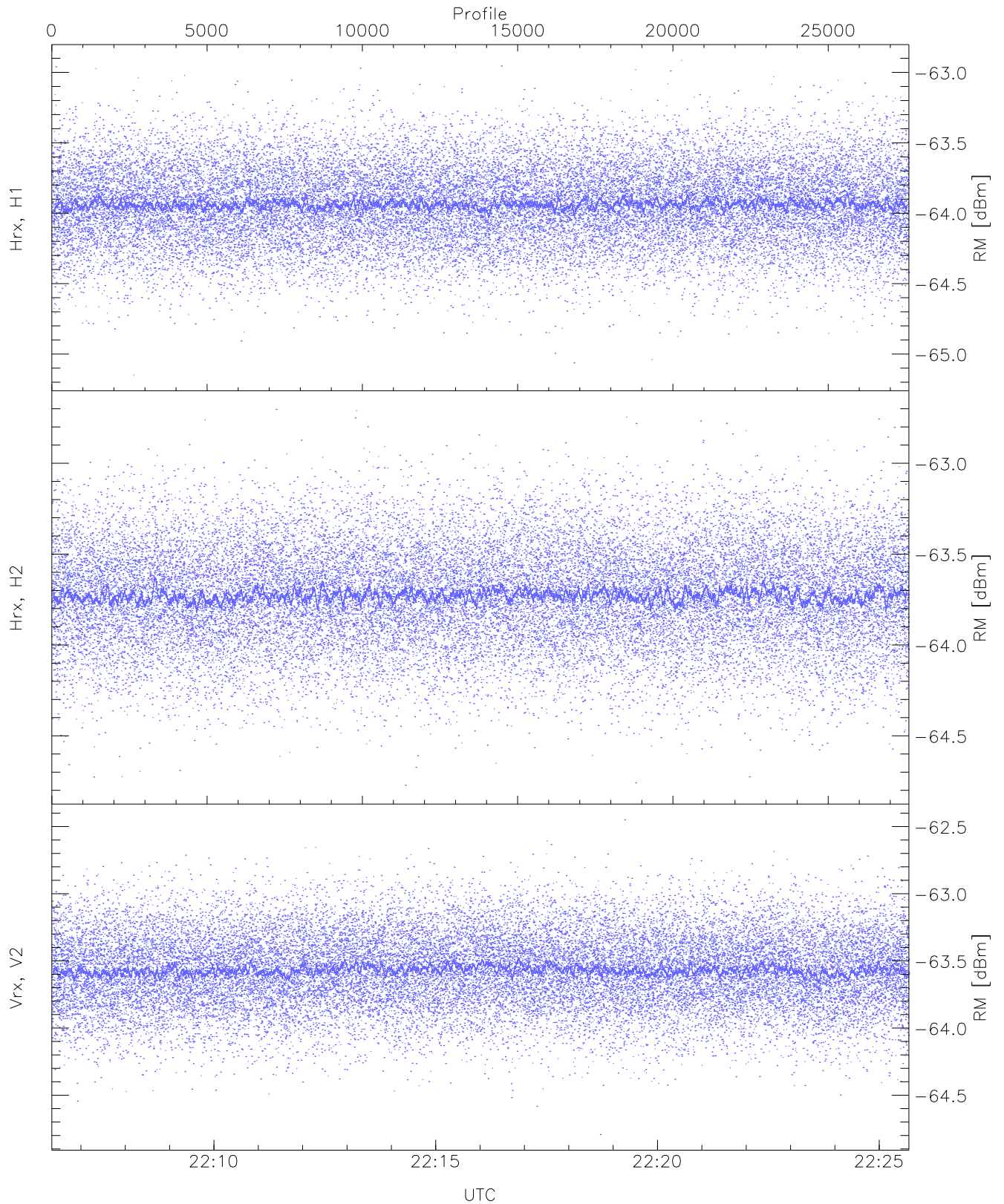
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

|                   | Min    | Max    | Mean   | Median | StDev  |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(WL [dBm]) | -64.82 | -62.61 | -63.69 | -63.69 | -75.82 |
| Hrx, H2(WL [dBm]) | -64.83 | -62.67 | -63.69 | -63.70 | -75.83 |
| Vrx, V2(WL [dBm]) | -64.69 | -62.58 | -63.57 | -63.57 | -75.73 |



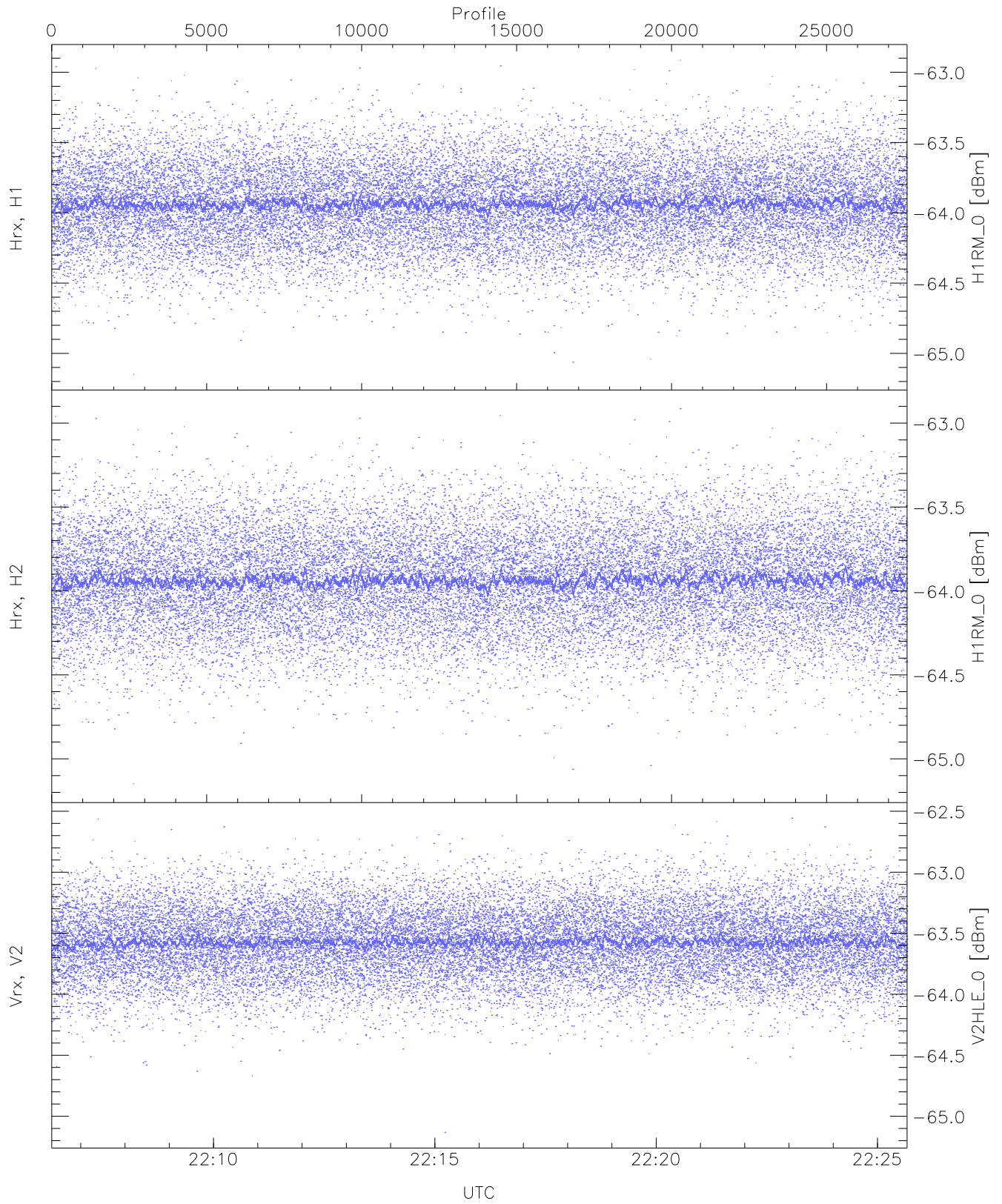
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.62 | -62.05 | -63.42 | -63.42 | -75.57 |
| Hrx, H2 (HL [dBm]) | -64.54 | -62.51 | -63.42 | -63.43 | -75.59 |
| Vrx, V2 (HL [dBm]) | -64.87 | -62.30 | -63.31 | -63.31 | -75.46 |



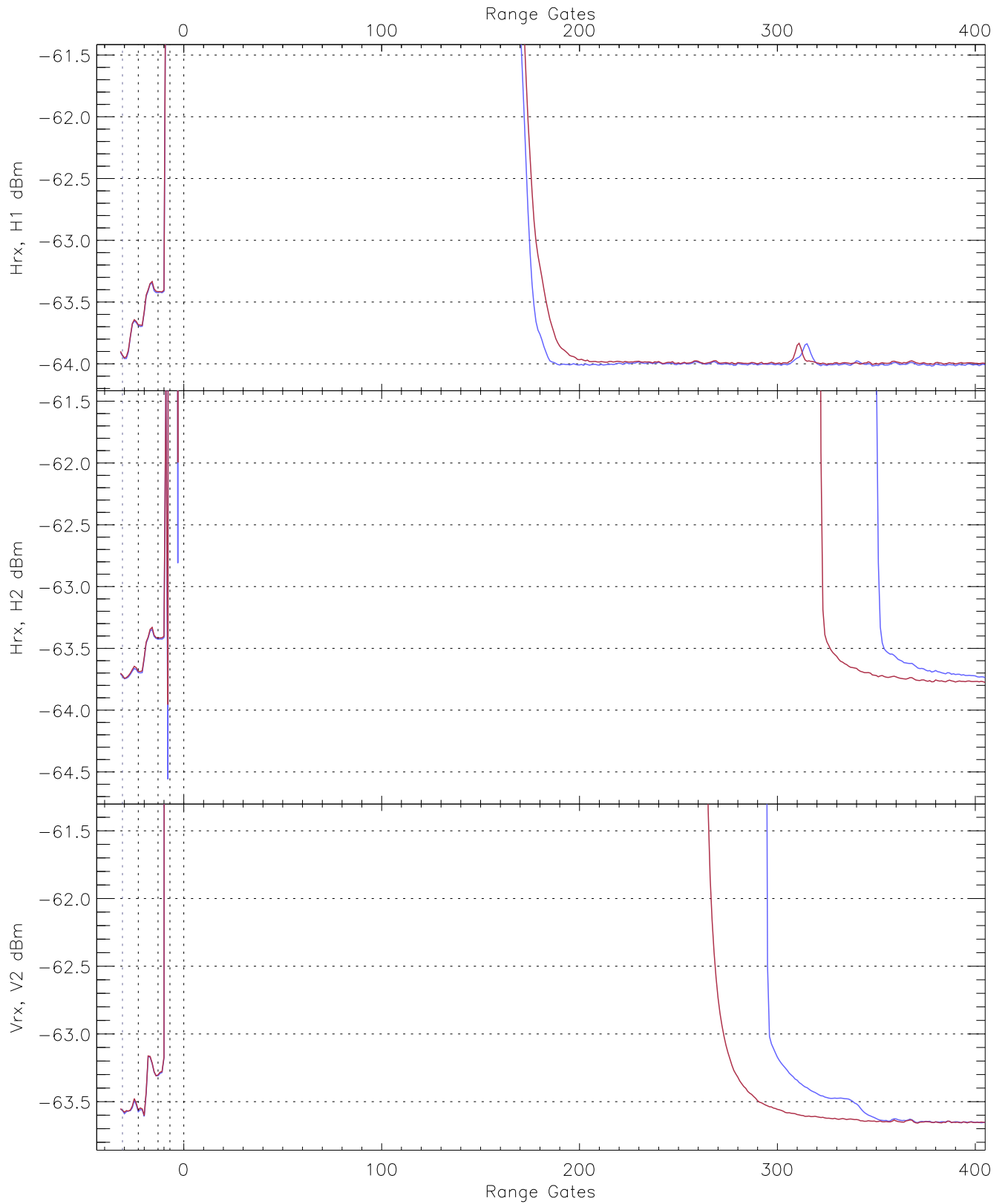
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.15 | -62.91 | -63.93 | -63.94 | -76.10 |
| Hrx, H2 (RM [dBm]) | -64.77 | -62.70 | -63.72 | -63.73 | -75.90 |
| Vrx, V2 (RM [dBm]) | -64.79 | -62.45 | -63.56 | -63.57 | -75.70 |



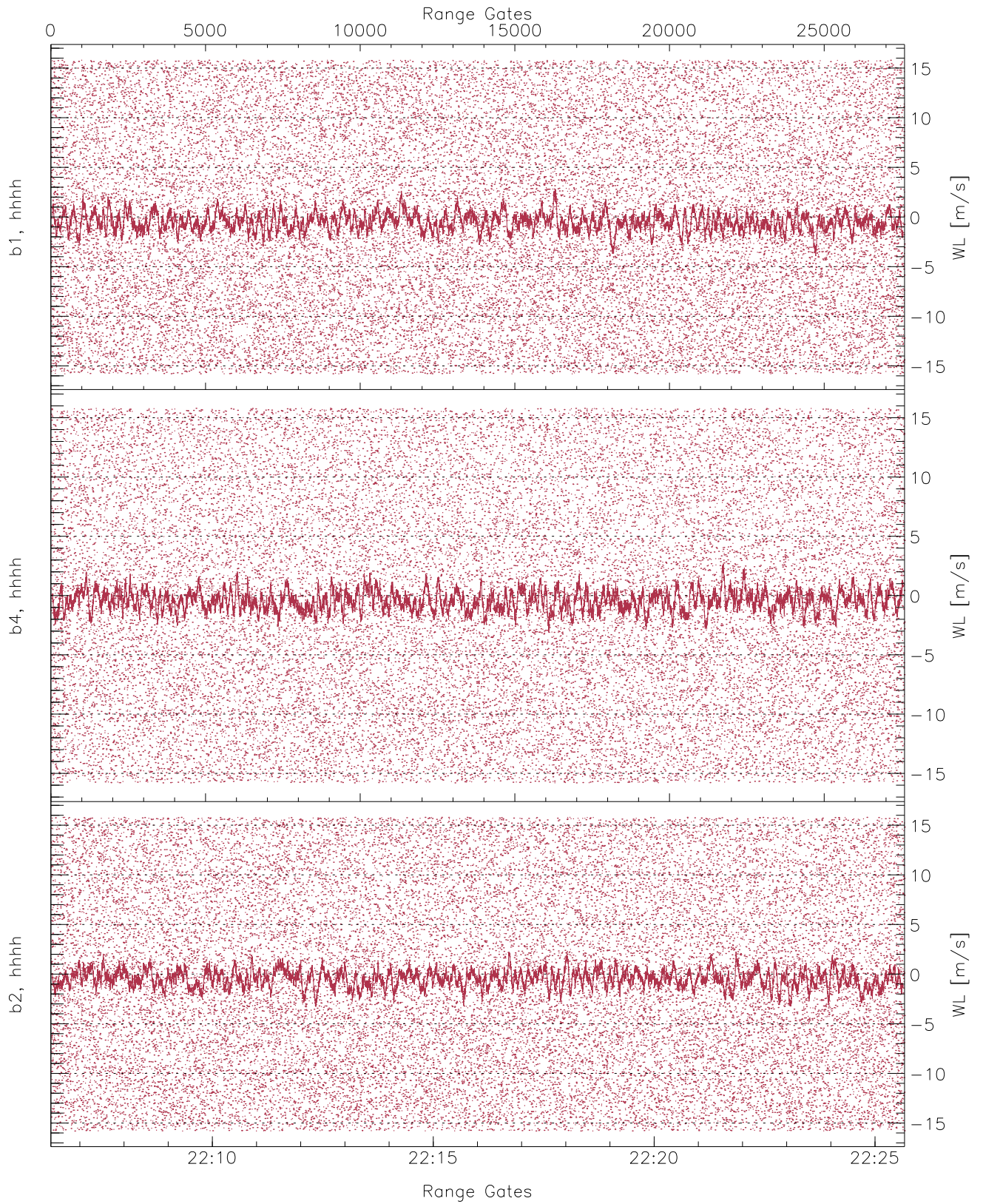
WCR2 CPP "Best" estimate Receivers Noise Power

|               | Min    | Max    | Mean   | Median | StDev  |
|---------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm]  | -65.15 | -62.91 | -63.93 | -63.94 | -76.10 |
| H1RM_0 [dBm]  | -65.15 | -62.91 | -63.93 | -63.94 | -76.10 |
| V2HLE_0 [dBm] | -65.13 | -62.56 | -63.57 | -63.57 | -75.73 |

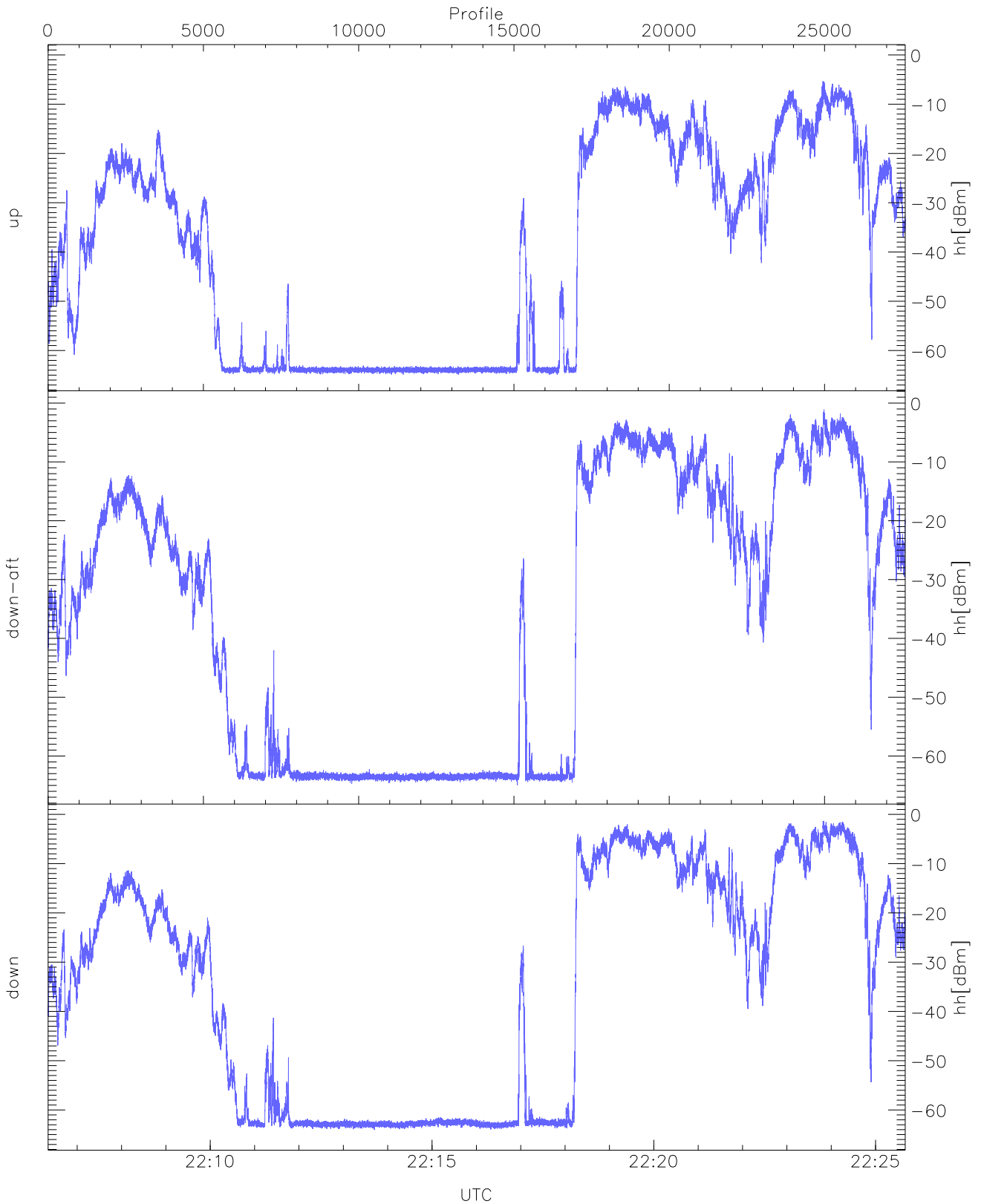


WCR2 CPP Averaged Received power for all recorded gates  
blue: 220621-221600, 13801 profiles averaged  
red: 221600-222540, 13800 profiles averaged



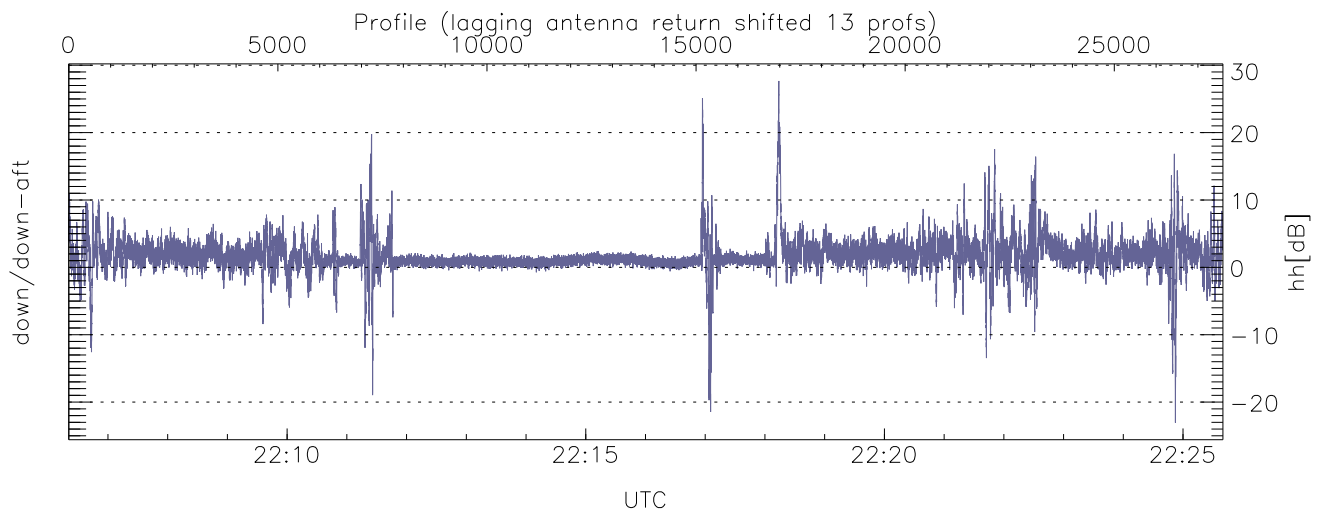
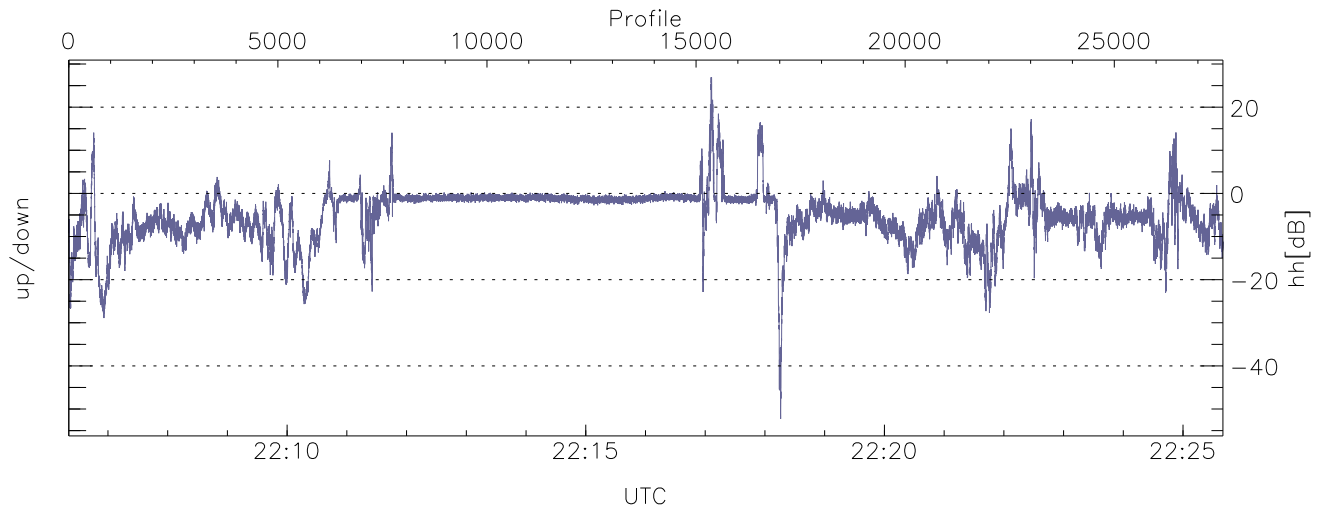


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



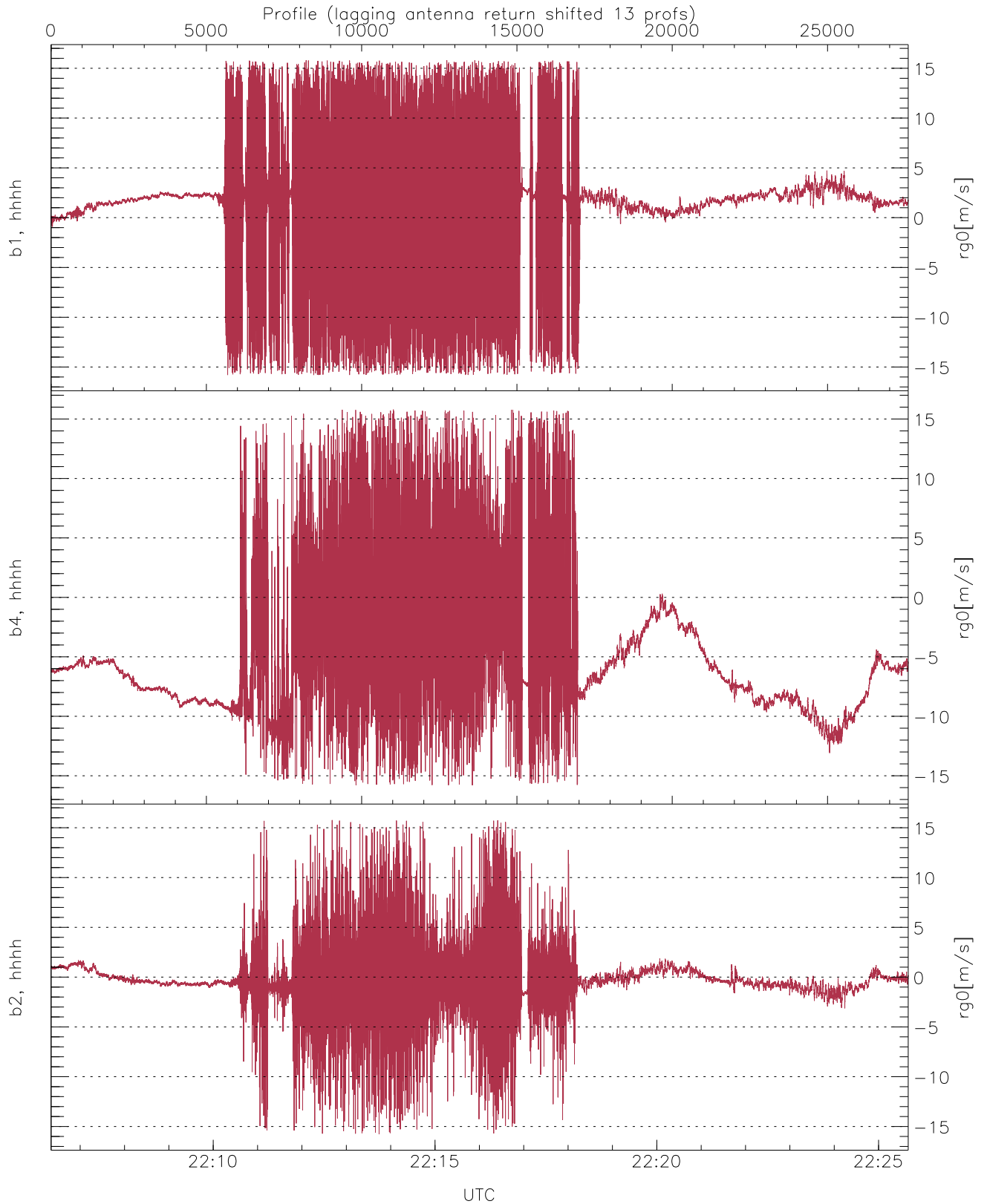
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

|                   | Min    | Max   | Mean   |
|-------------------|--------|-------|--------|
| up(hh[dBm])       | -64.93 | -5.33 | -17.43 |
| down-aft(hh[dBm]) | -64.97 | -1.09 | -12.68 |
| down(hh[dBm])     | -64.03 | -1.33 | -11.58 |



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

|                       | Min    | Max   | Mean  |
|-----------------------|--------|-------|-------|
| up/down(hh[dB])       | -52.28 | 26.96 | -4.21 |
| down/down-aft(hh[dB]) | -23.05 | 27.67 | 1.74  |



WCR2 CPP Doppler Velocity Products at 105.1 m range

|                    | Min    | Max   | Mean  | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -15.80 | 15.80 | 1.29  | 5.09  |
| b4, hhhh(rg0[m/s]) | -15.80 | 15.80 | -4.76 | 5.08  |
| b2, hhhh(rg0[m/s]) | -15.78 | 15.77 | -0.30 | 2.50  |