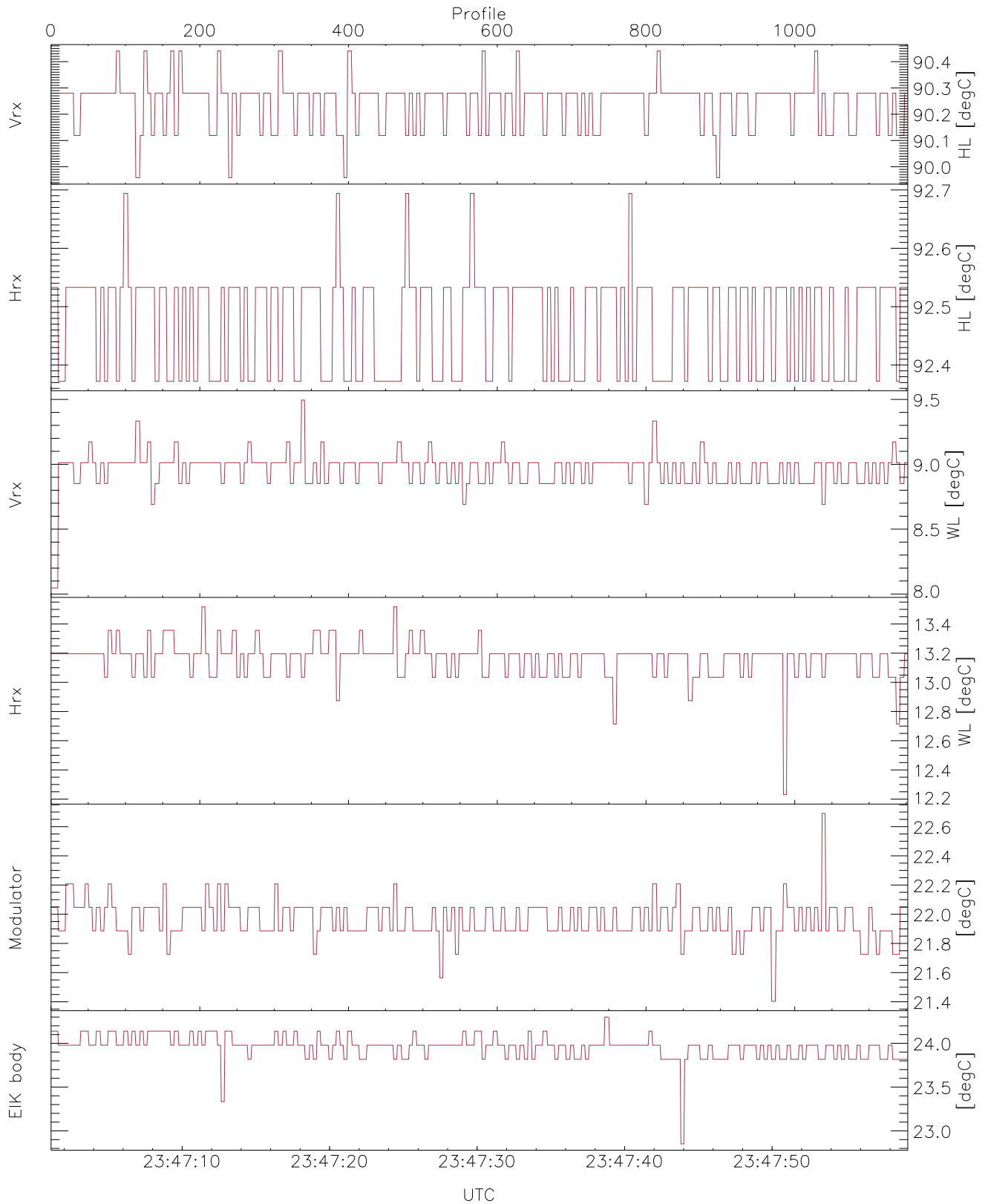


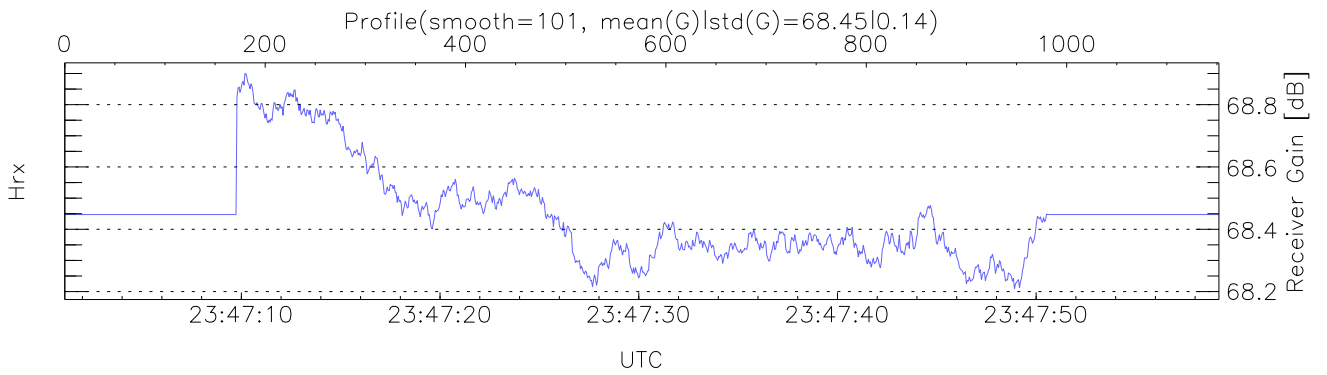
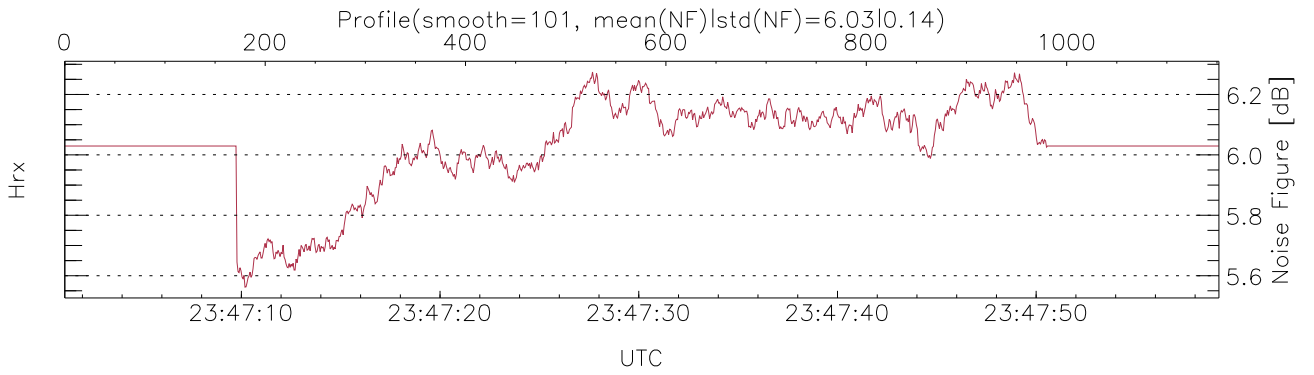
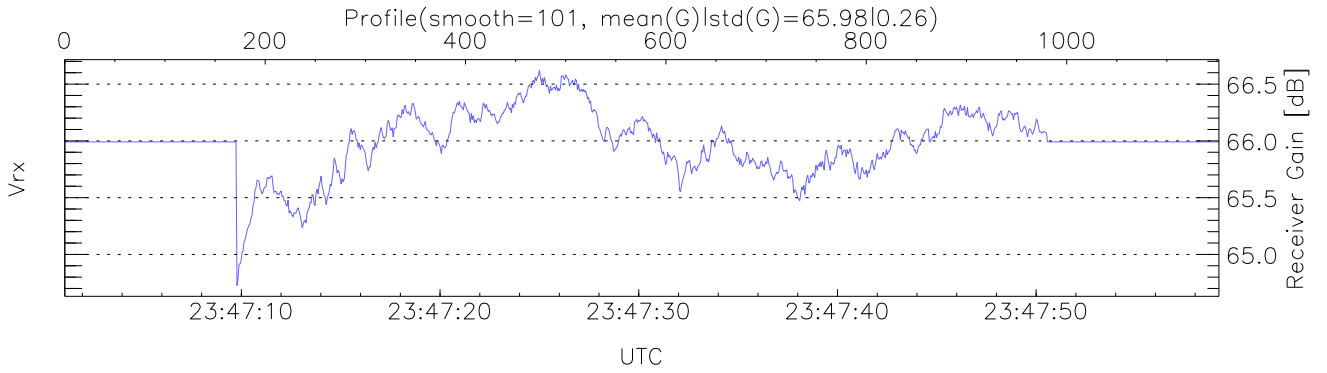
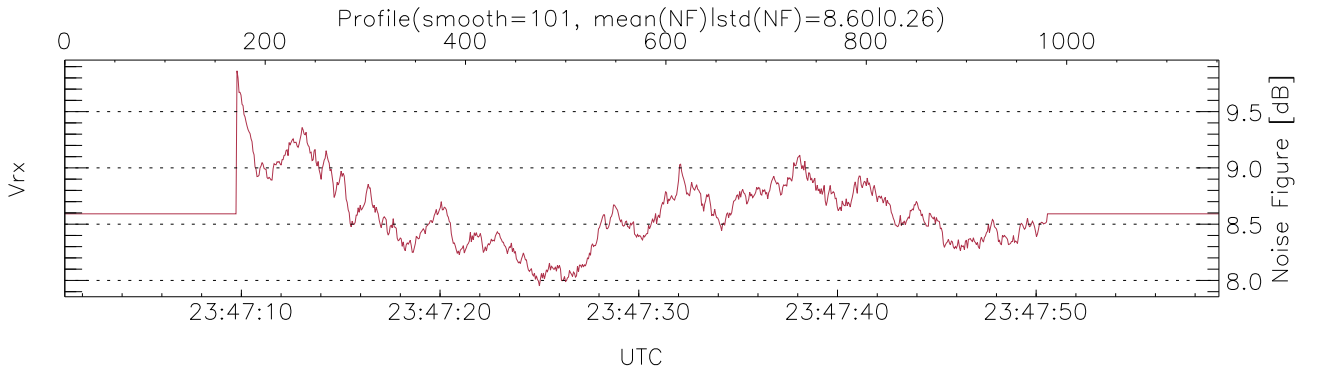
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

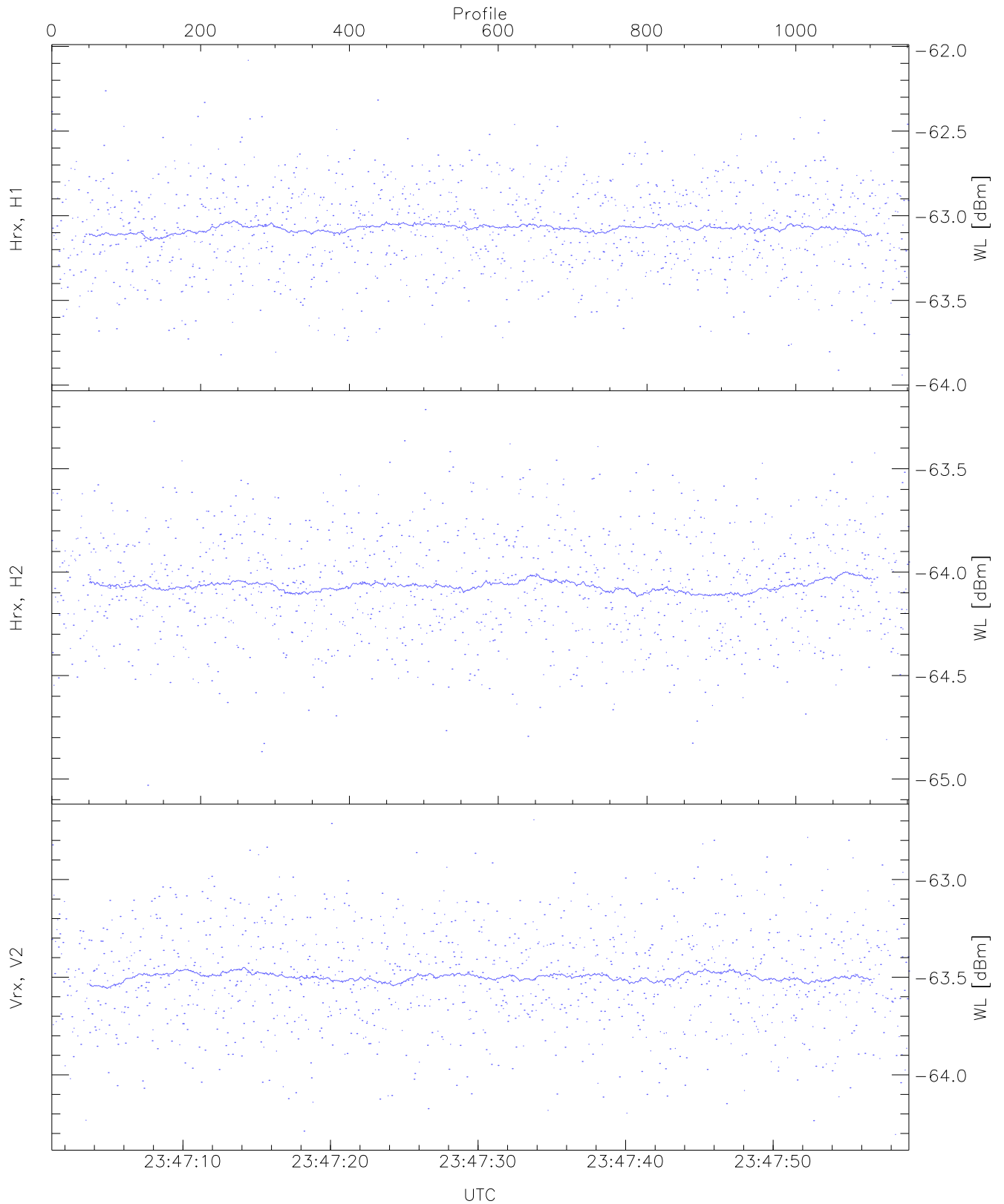
UTC: 23:47:01-23:47:59, Dur: 58.09s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 1153/1153, 0-1152/23:47:01-23:47:59
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 16.7 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

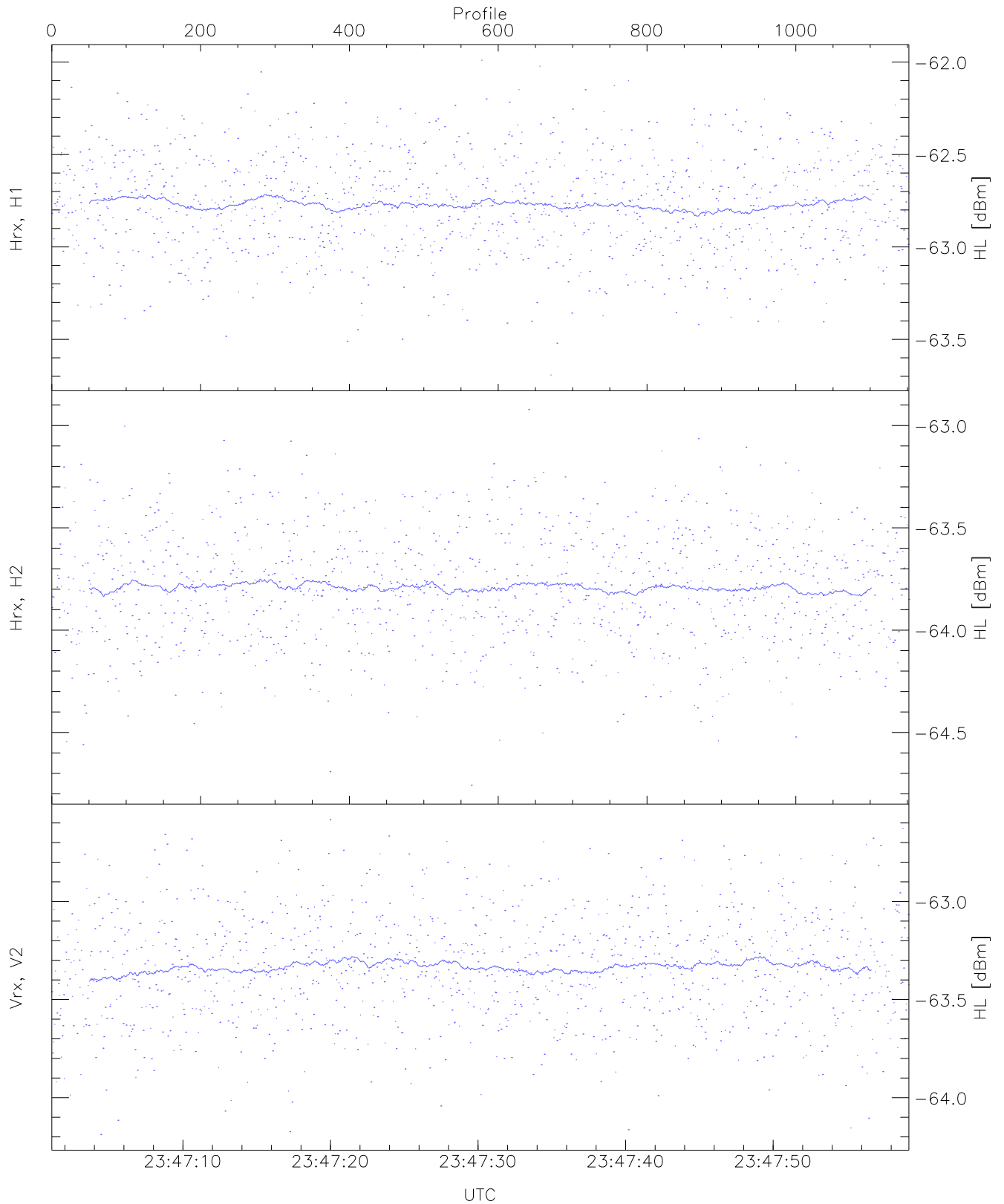
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,92,8,12,21,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,9,13,22,24
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None





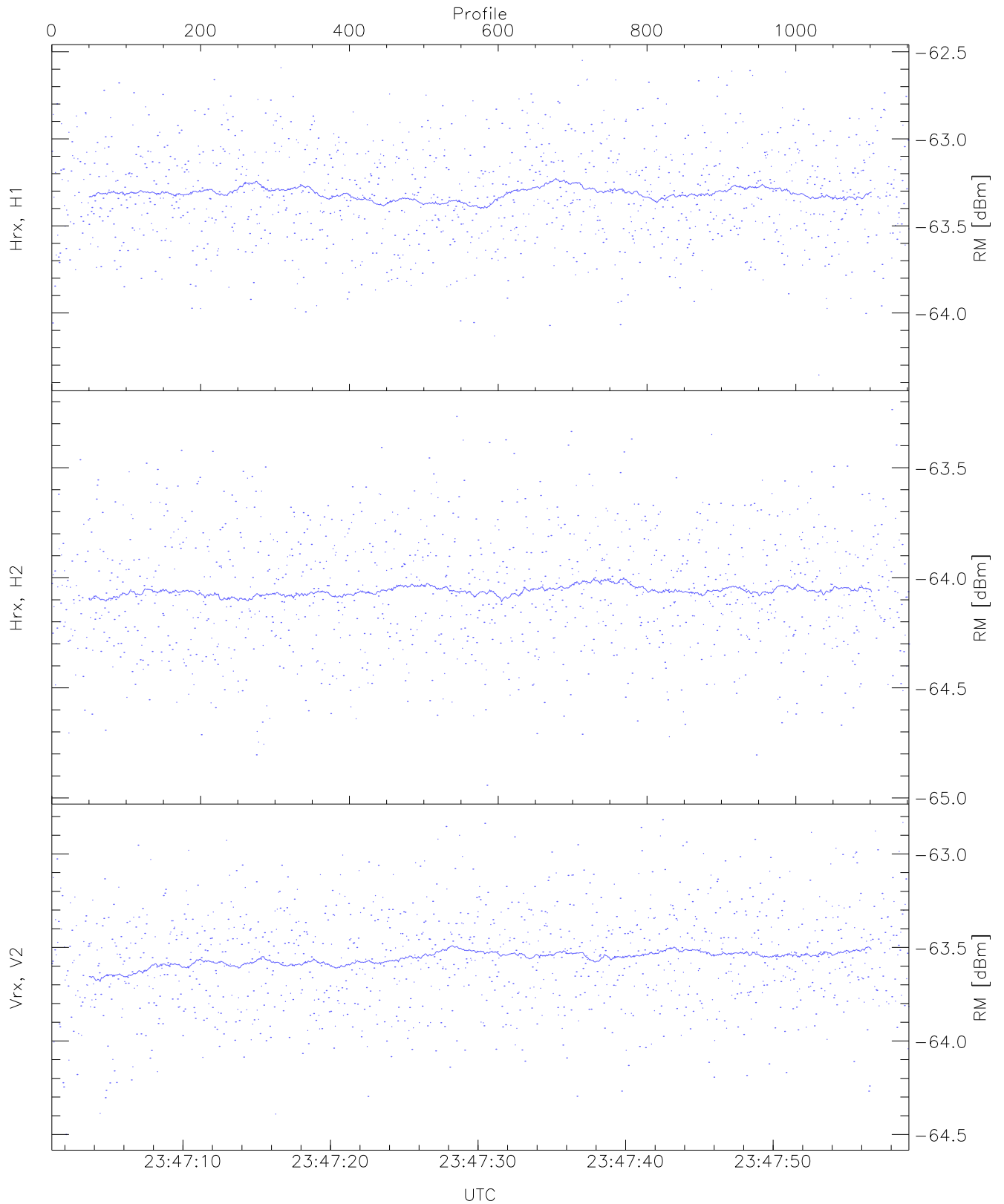
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -63.94 | -62.08 | -63.07 | -63.07 | -75.23 |
| Hrx, H2 (WL [dBm]) | -65.03 | -63.21 | -64.06 | -64.07 | -76.28 |
| Vrx, V2 (WL [dBm]) | -64.31 | -62.69 | -63.49 | -63.50 | -75.67 |



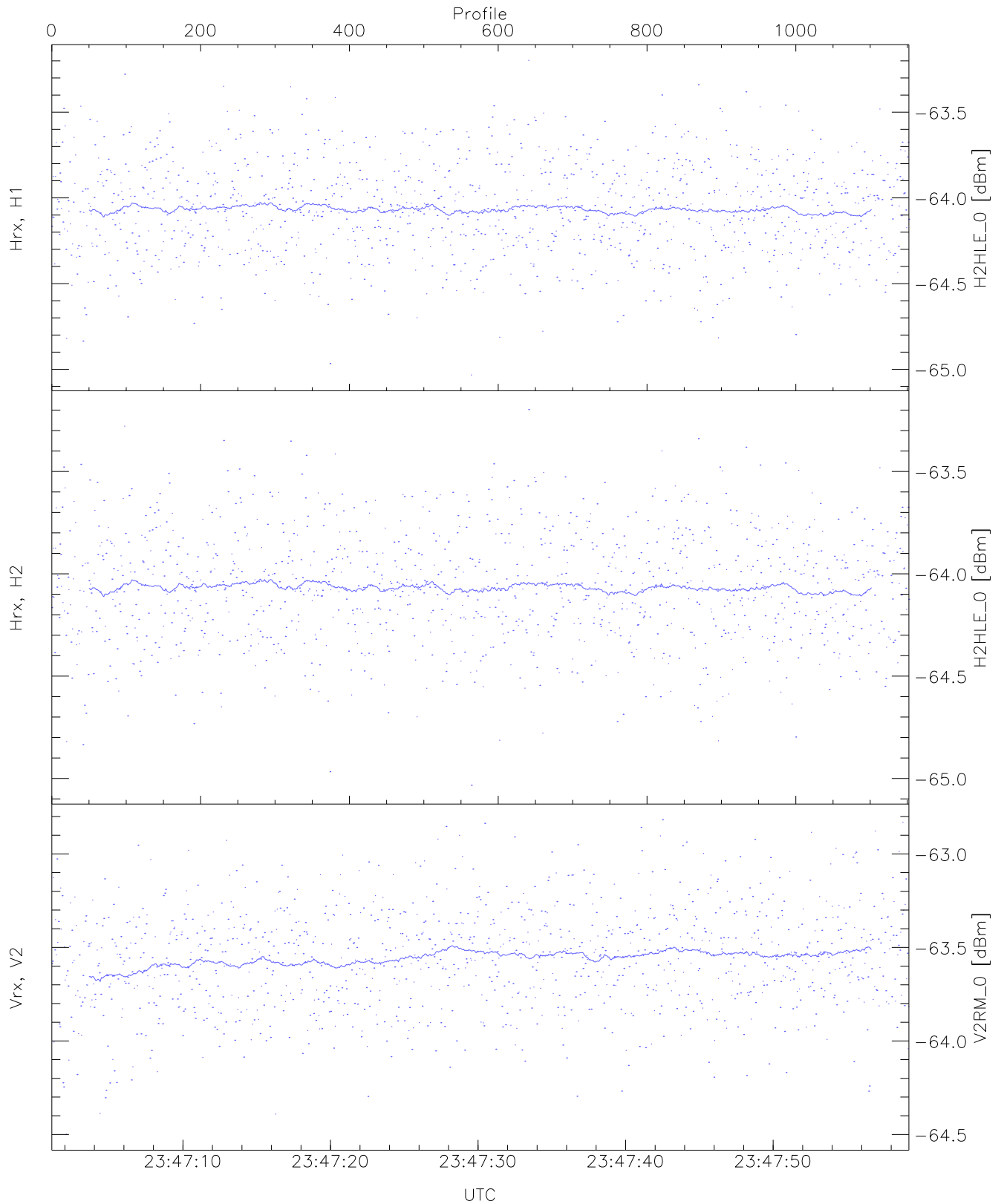
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -63.69 | -61.99 | -62.76 | -62.77 | -74.94 |
| Hrx, H2 (HL [dBm]) | -64.76 | -62.92 | -63.78 | -63.79 | -75.81 |
| Vrx, V2 (HL [dBm]) | -64.19 | -62.58 | -63.33 | -63.34 | -75.36 |



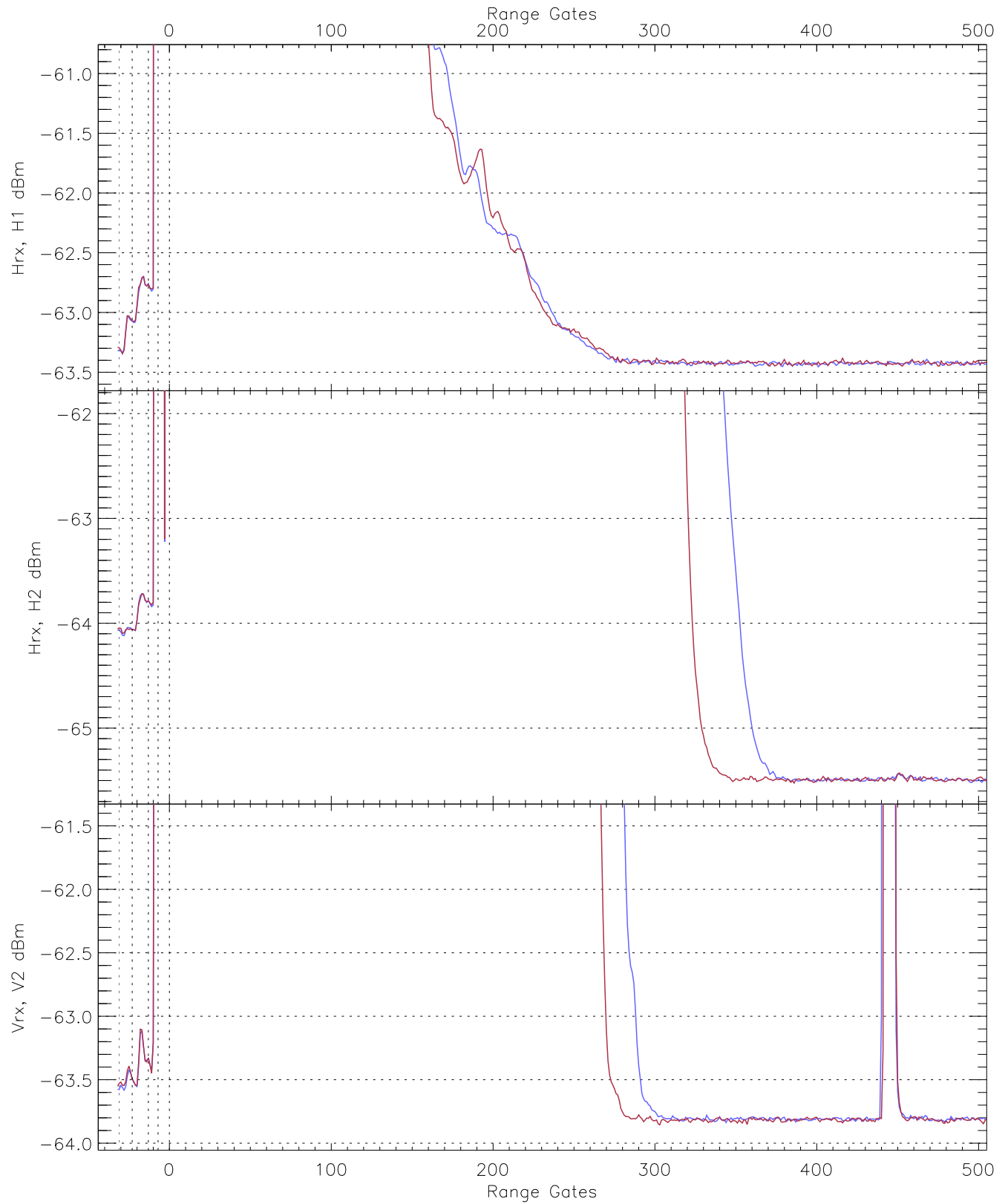
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -64.36 | -62.55 | -63.31 | -63.32 | -75.18 |
| Hrx, H2 (RM [dBm]) | -64.94 | -63.24 | -64.05 | -64.07 | -76.05 |
| Vrx, V2 (RM [dBm]) | -64.50 | -62.82 | -63.55 | -63.55 | -75.62 |

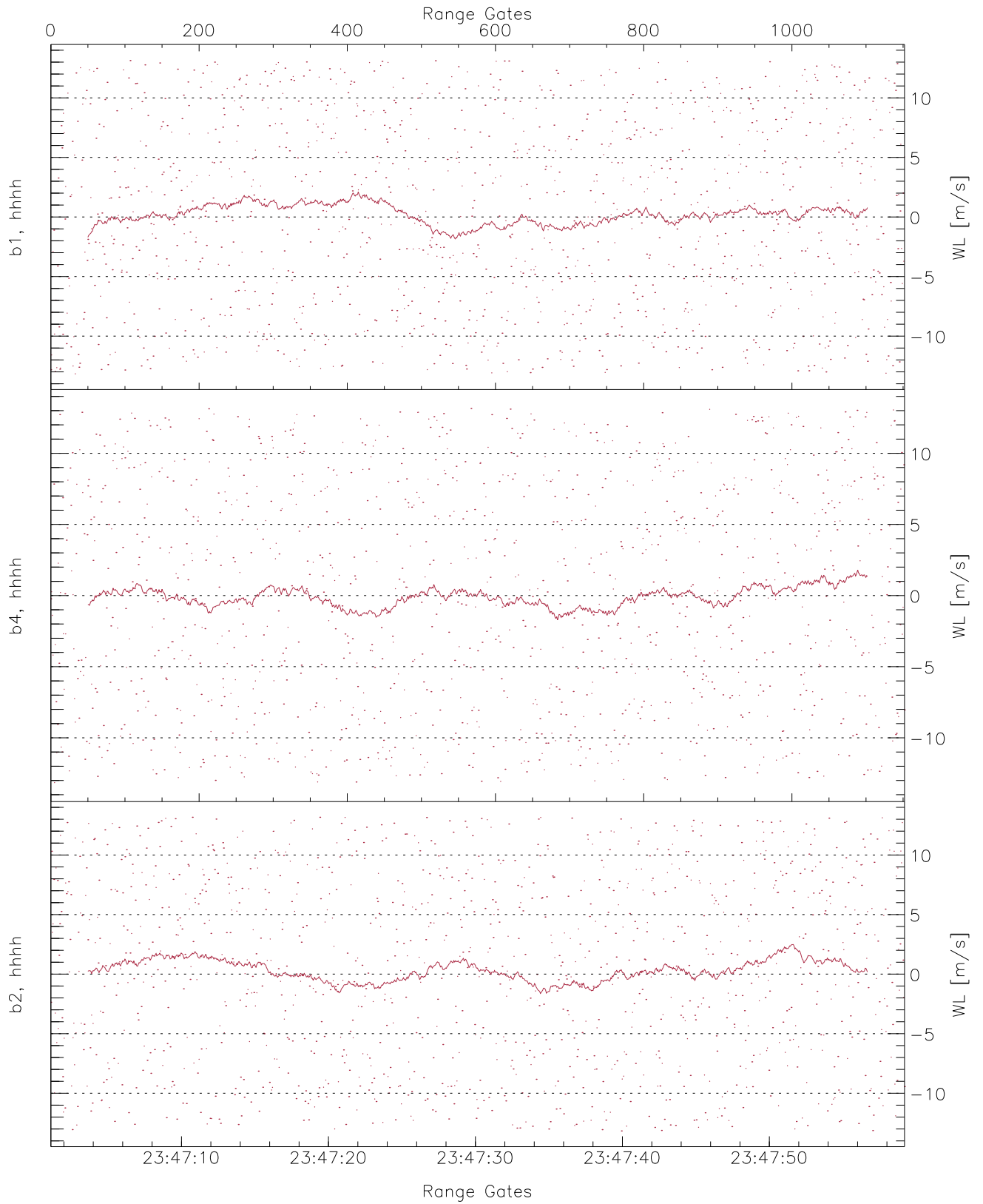


WCR2 CPP "Best" estimate Receivers Noise Power

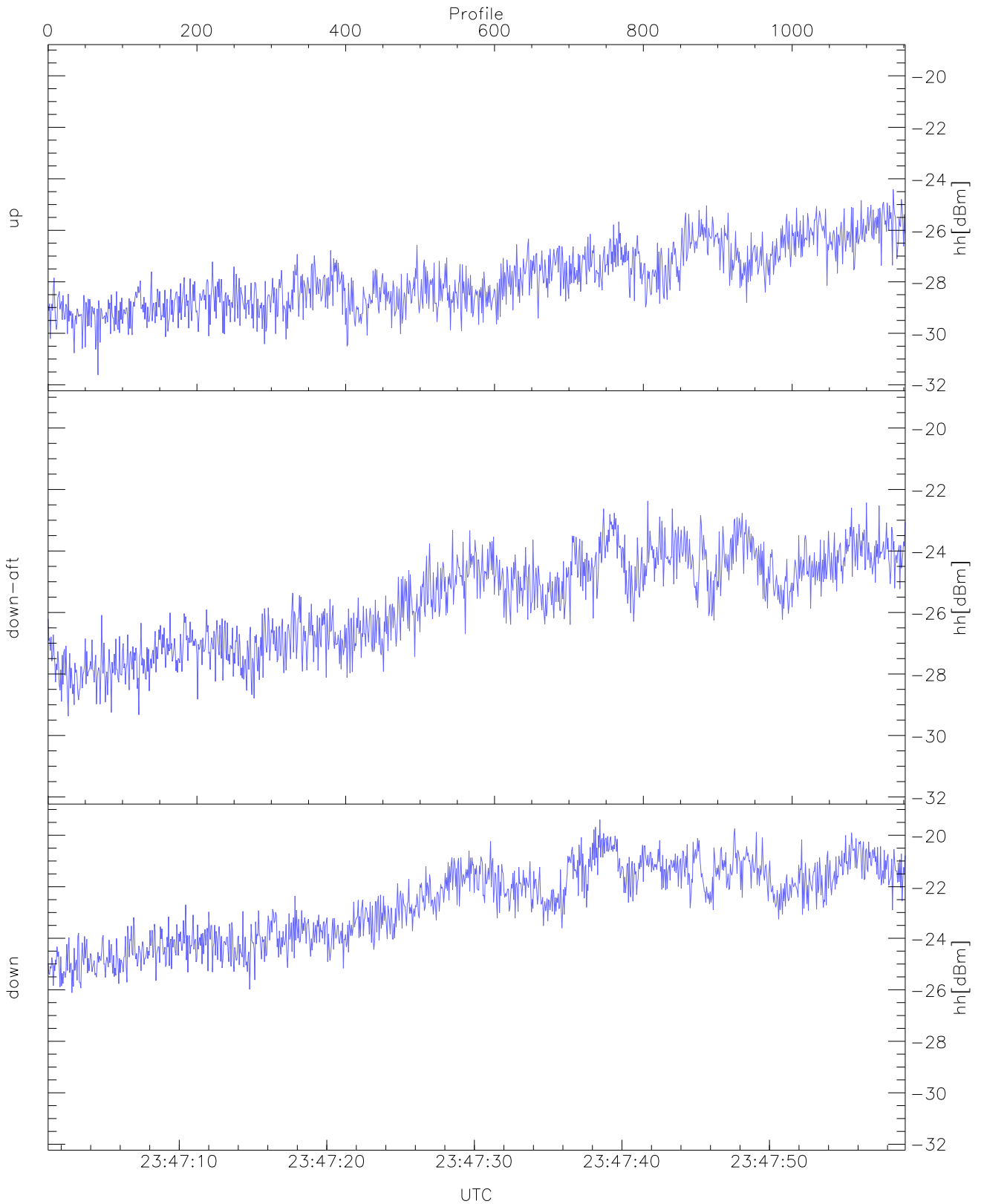
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H2HLE_0 [dBm] | -65.03 | -63.20 | -64.06 | -64.07 | -76.08 |
| H2HLE_0 [dBm] | -65.03 | -63.20 | -64.06 | -64.07 | -76.08 |
| V2RM_0 [dBm] | -64.50 | -62.82 | -63.55 | -63.55 | -75.62 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 234701-234730, 577 profiles averaged
red: 234730-234759, 577 profiles averaged

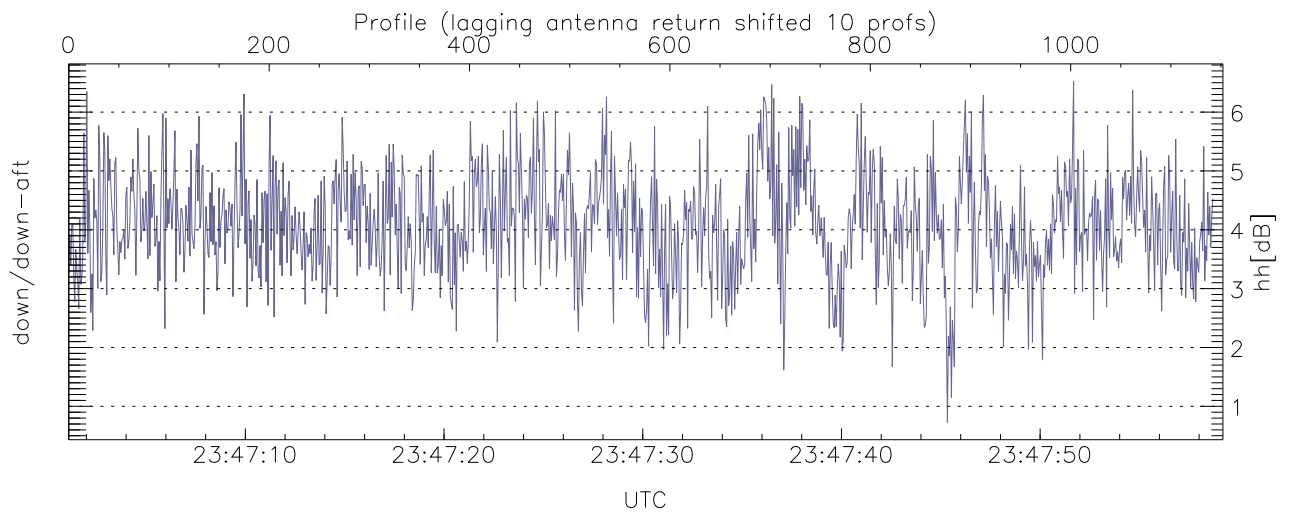
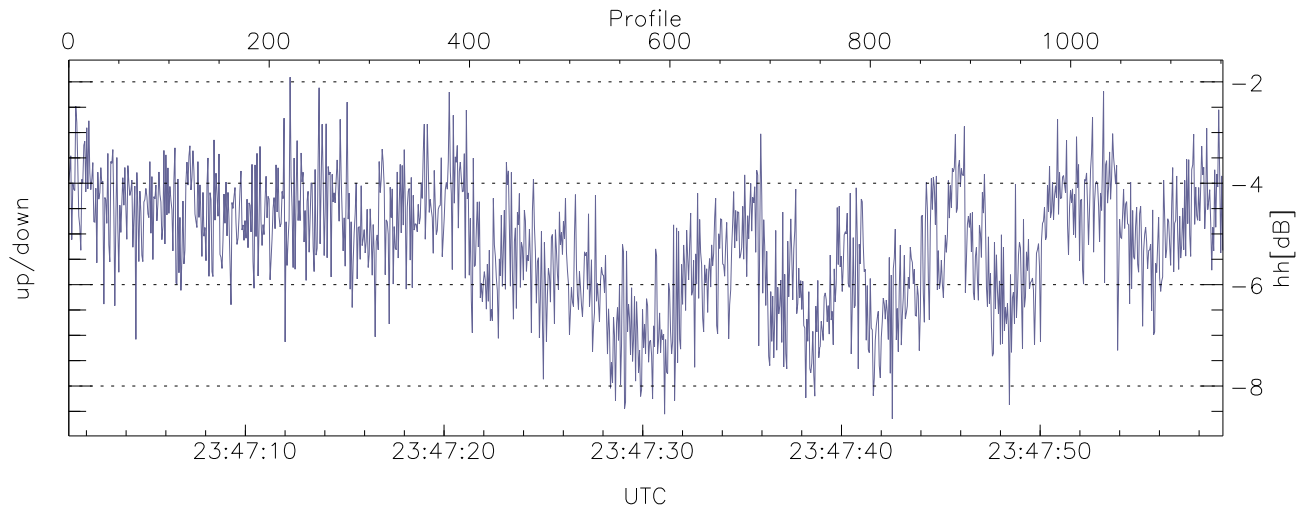


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



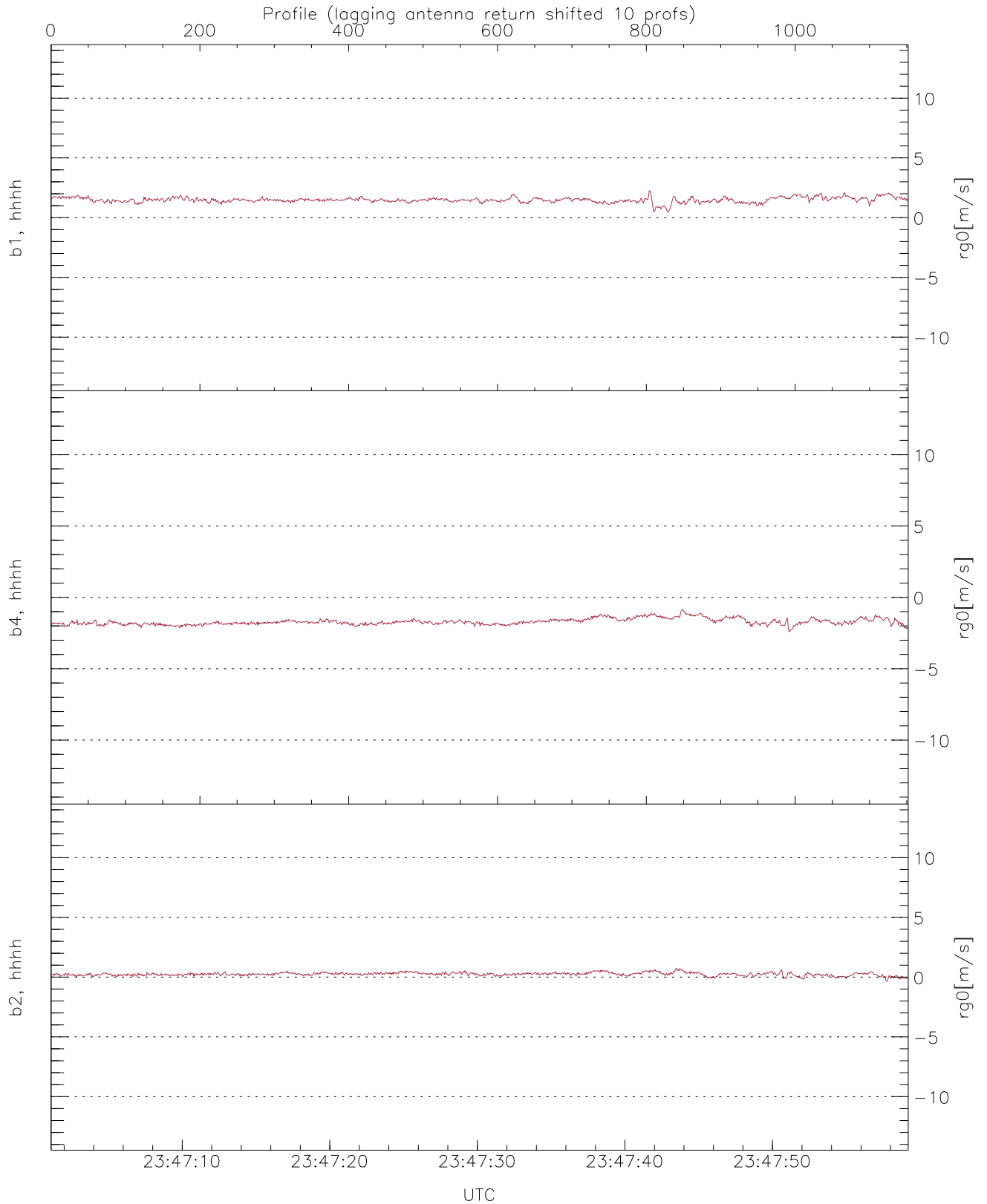
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|--------|--------|
| up(hh[dBm]) | -31.62 | -24.40 | -27.68 |
| down-aft(hh[dBm]) | -29.37 | -22.37 | -25.38 |
| down(hh[dBm]) | -26.12 | -19.40 | -22.40 |



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

| | Min | Max | Mean |
|-----------------------|-------|-------|-------|
| up/down(hh[dB]) | -8.65 | -1.91 | -4.20 |
| down/down-aft(hh[dB]) | 0.72 | 6.53 | 4.10 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|-------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | 0.45 | 2.25 | 1.48 | 0.21 |
| b4, hhhh(rg0[m/s]) | -2.40 | -0.86 | -1.70 | 0.22 |
| b2, hhhh(rg0[m/s]) | -0.33 | 0.74 | 0.25 | 0.14 |