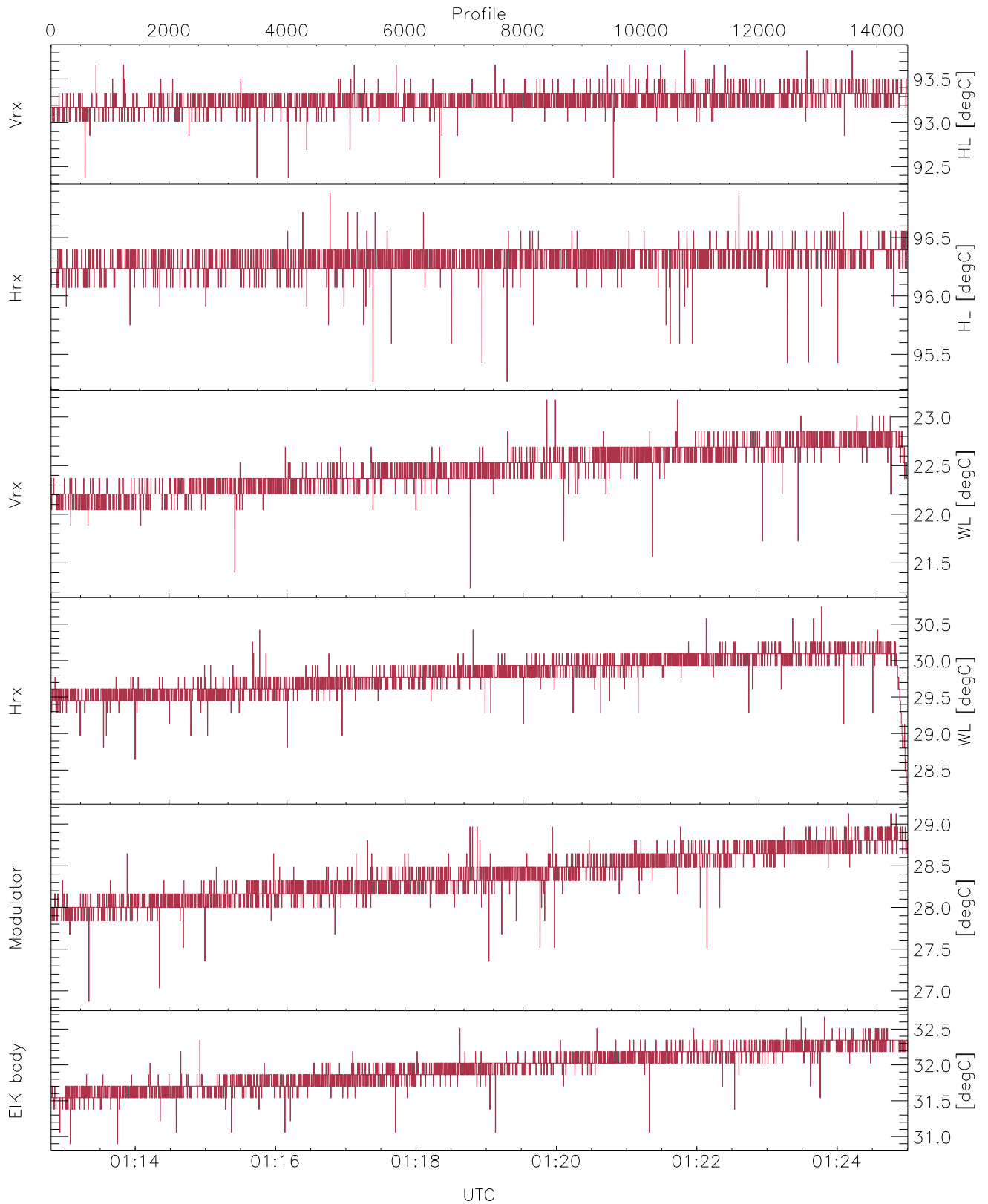


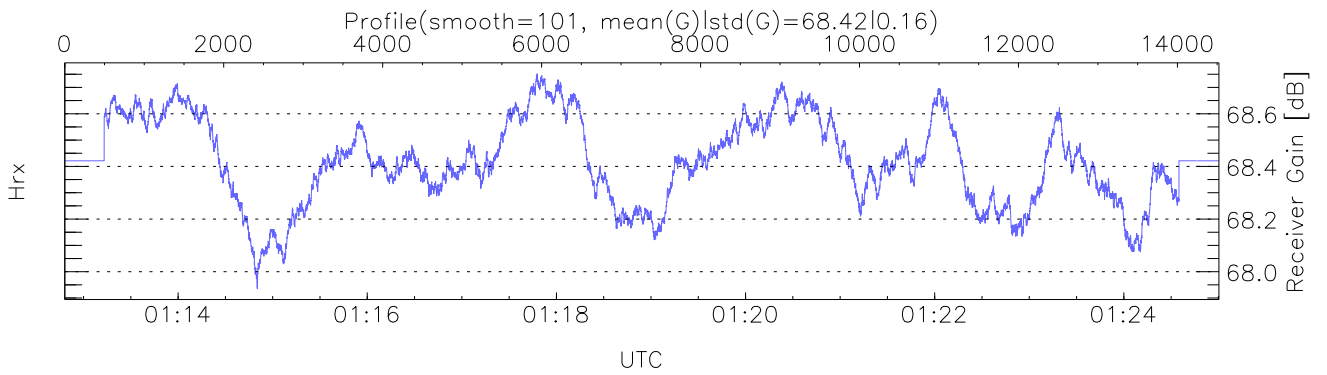
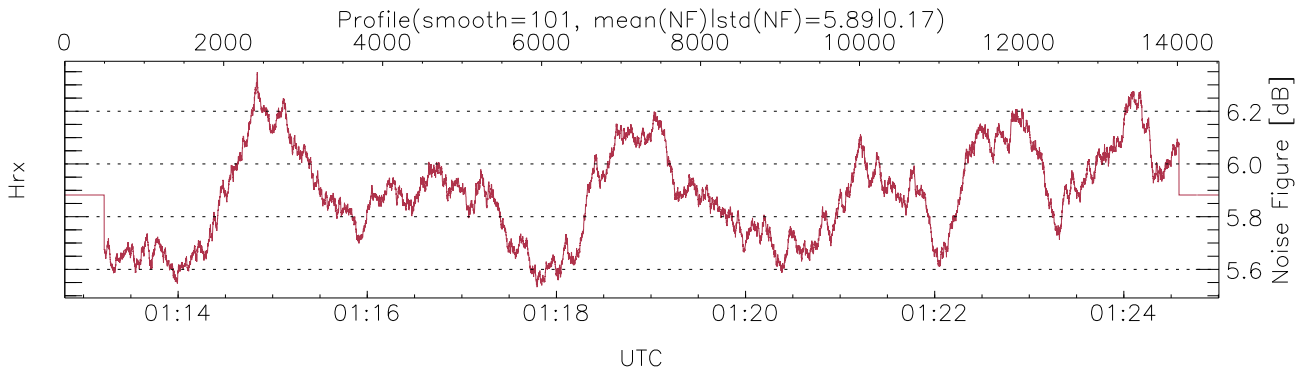
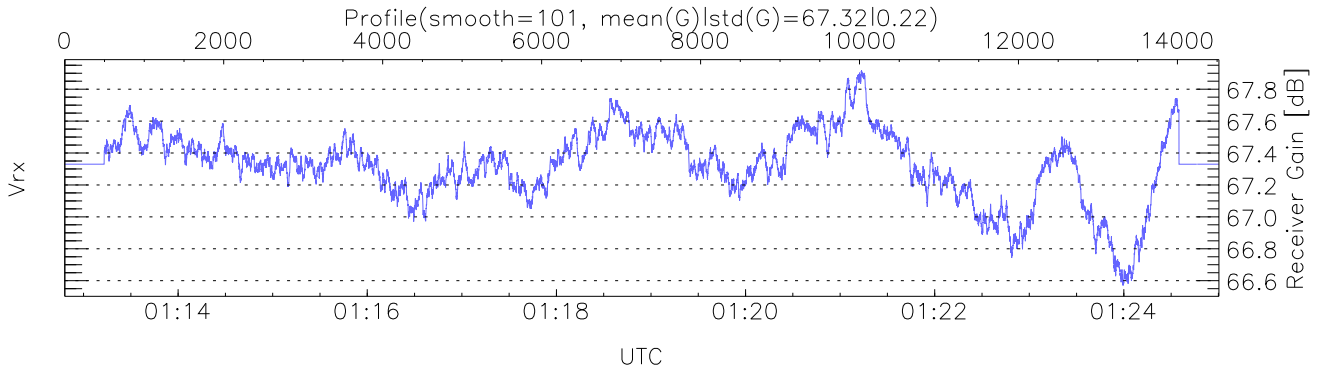
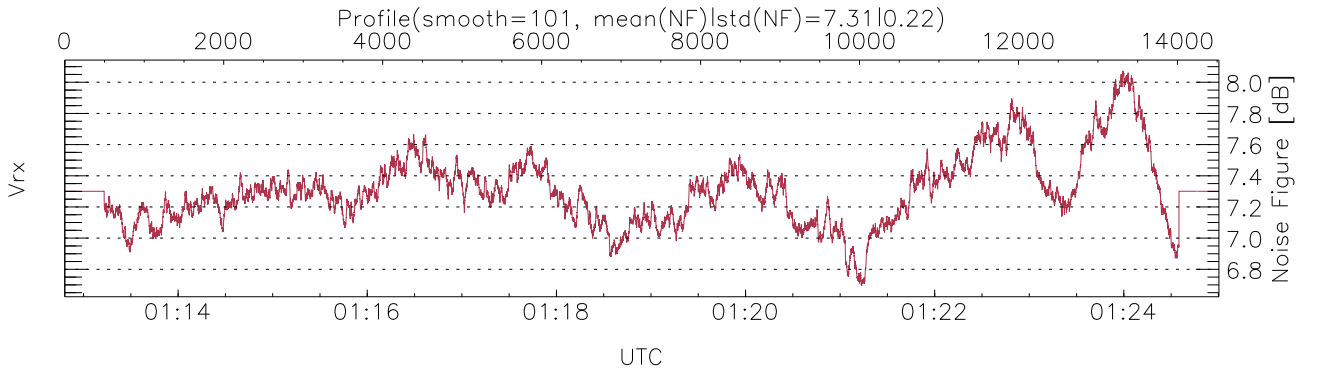
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

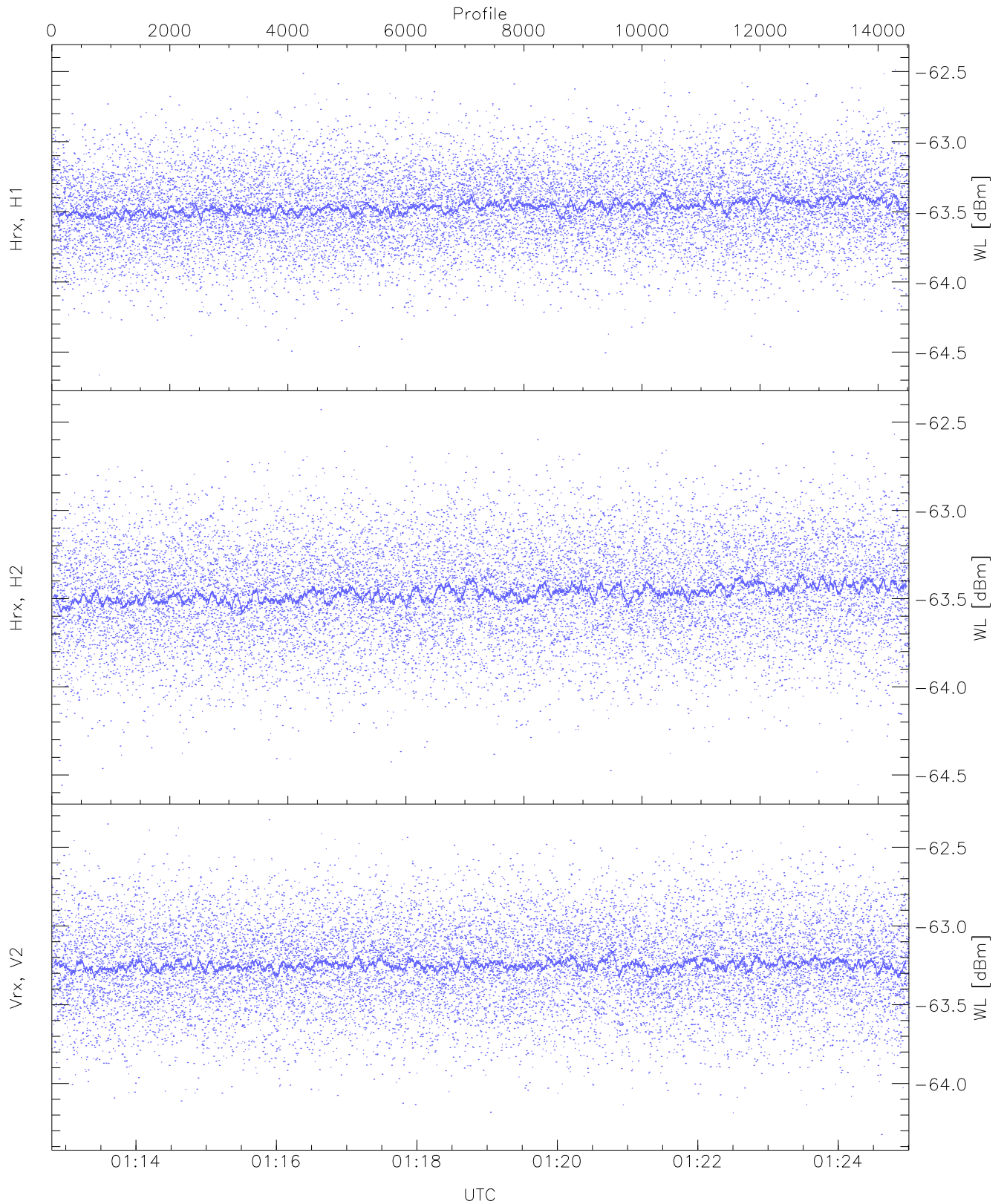
UTC: 01:12:48-01:25:00, Dur: 732.26s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 14524/14524, 0-14523/01:12:48-01:25:00
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

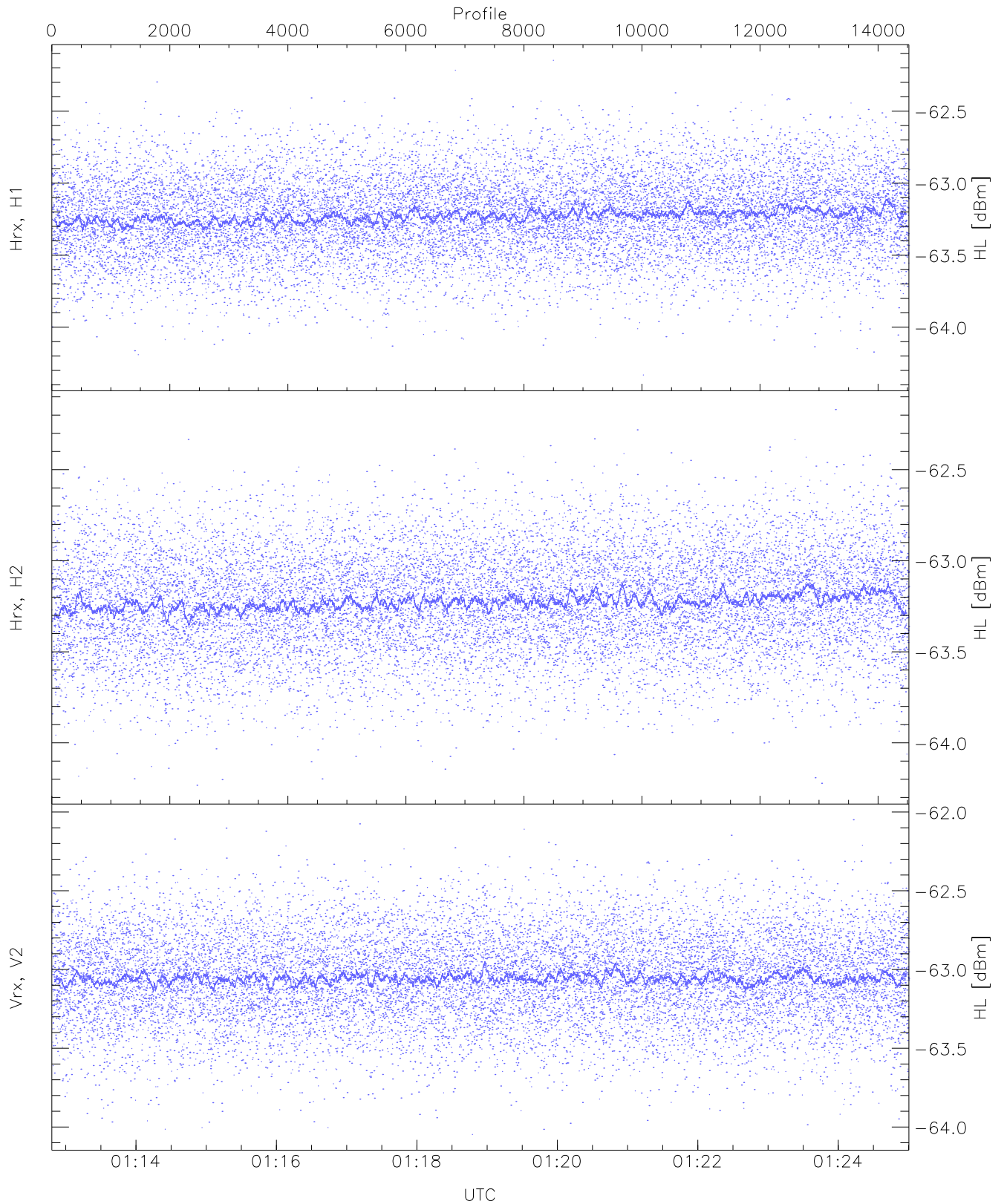
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,95,21,28,26,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,96,23,30,29,32
LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,37,0
EIK/Modulator Faults: None





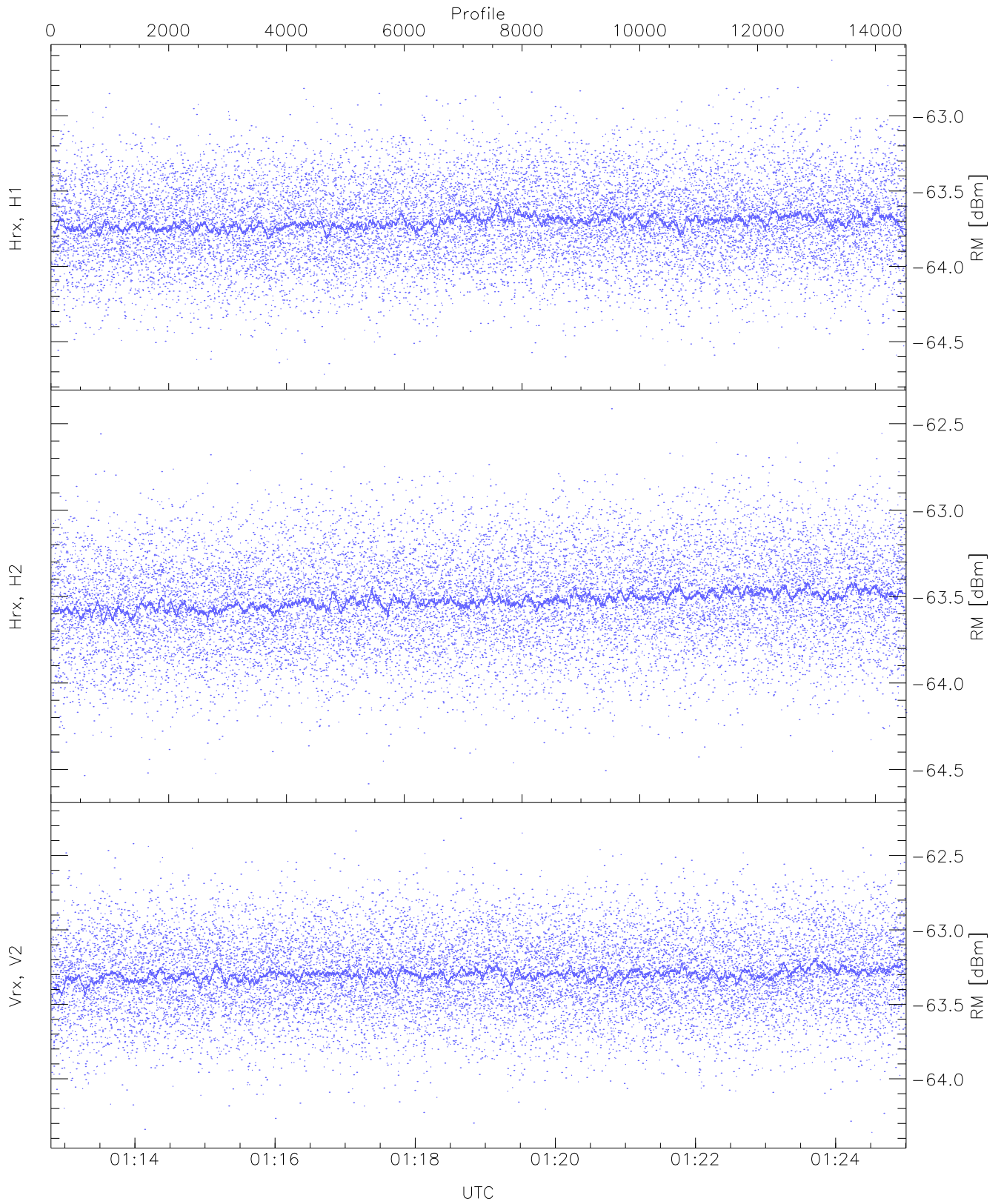
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.66 | -62.42 | -63.46 | -63.47 | -75.61 |
| Hrx, H2 (WL [dBm]) | -64.56 | -62.43 | -63.46 | -63.47 | -75.56 |
| Vrx, V2 (WL [dBm]) | -64.32 | -62.33 | -63.24 | -63.25 | -75.36 |



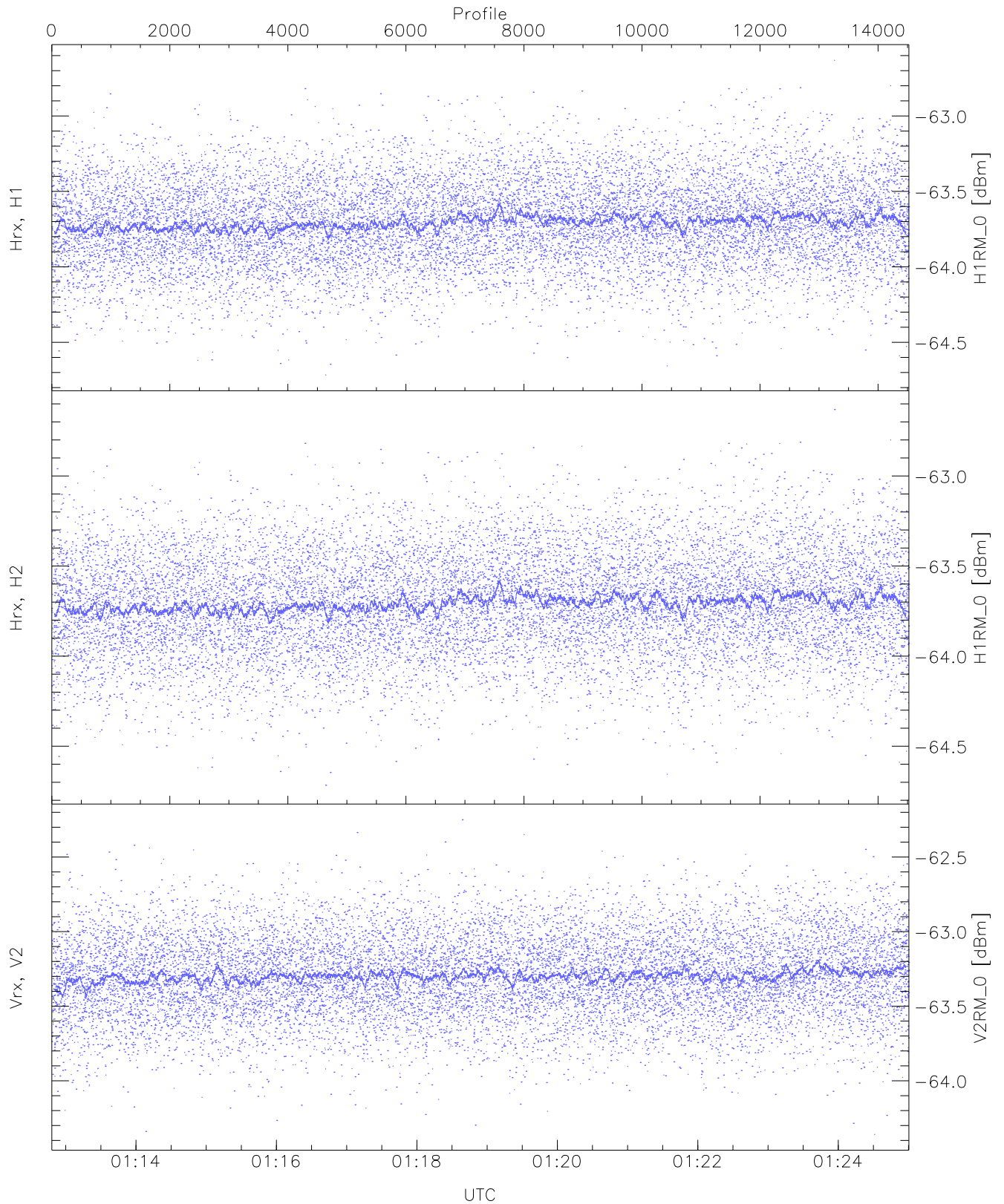
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.33 | -62.15 | -63.22 | -63.23 | -75.36 |
| Hrx, H2 (HL [dBm]) | -64.23 | -62.17 | -63.22 | -63.23 | -75.40 |
| Vrx, V2 (HL [dBm]) | -64.05 | -62.05 | -63.05 | -63.05 | -75.19 |



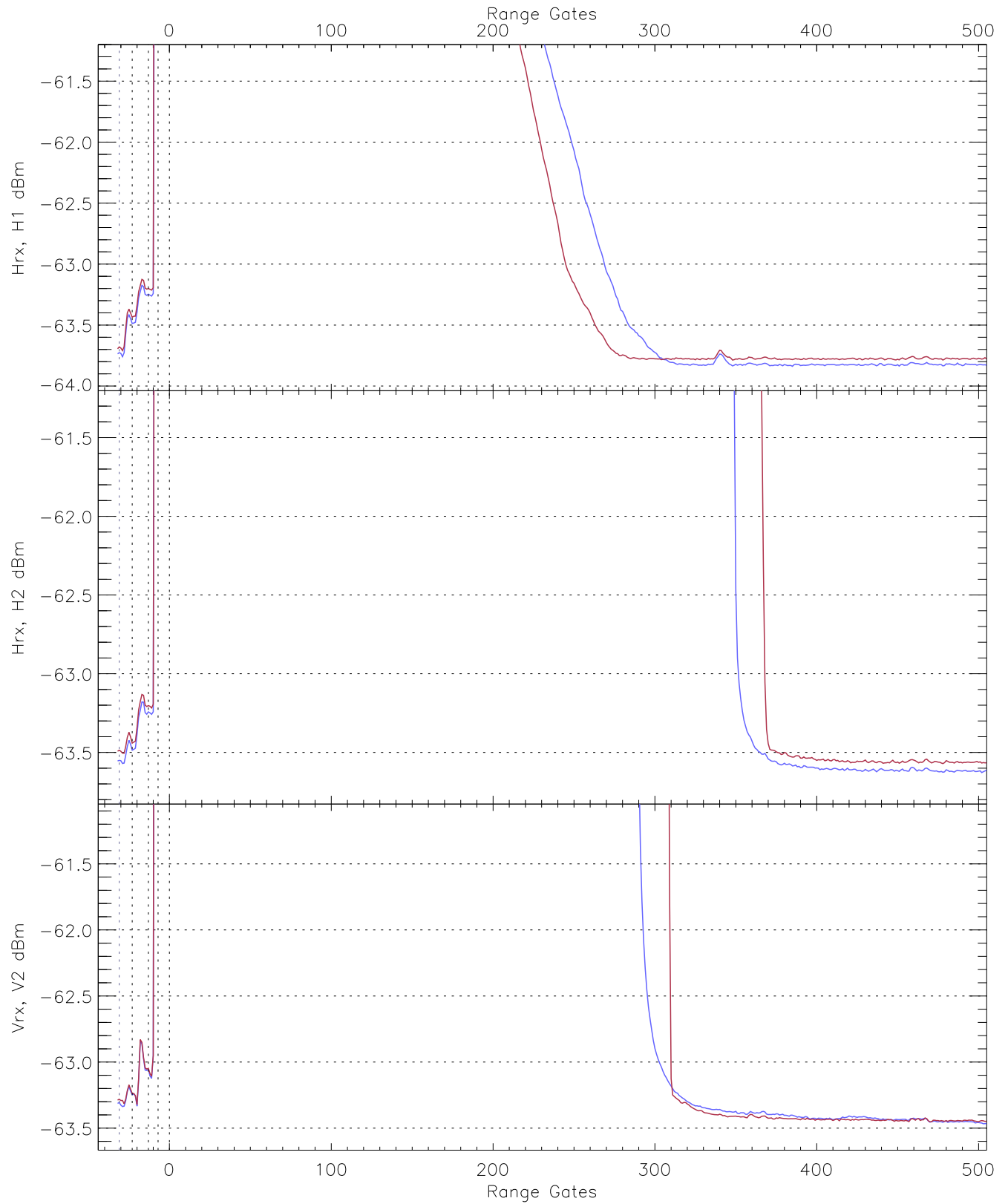
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -64.72 | -62.63 | -63.70 | -63.71 | -75.83 |
| Hrx, H2 (RM [dBm]) | -64.58 | -62.41 | -63.52 | -63.52 | -75.61 |
| Vrx, V2 (RM [dBm]) | -64.36 | -62.25 | -63.29 | -63.30 | -75.48 |

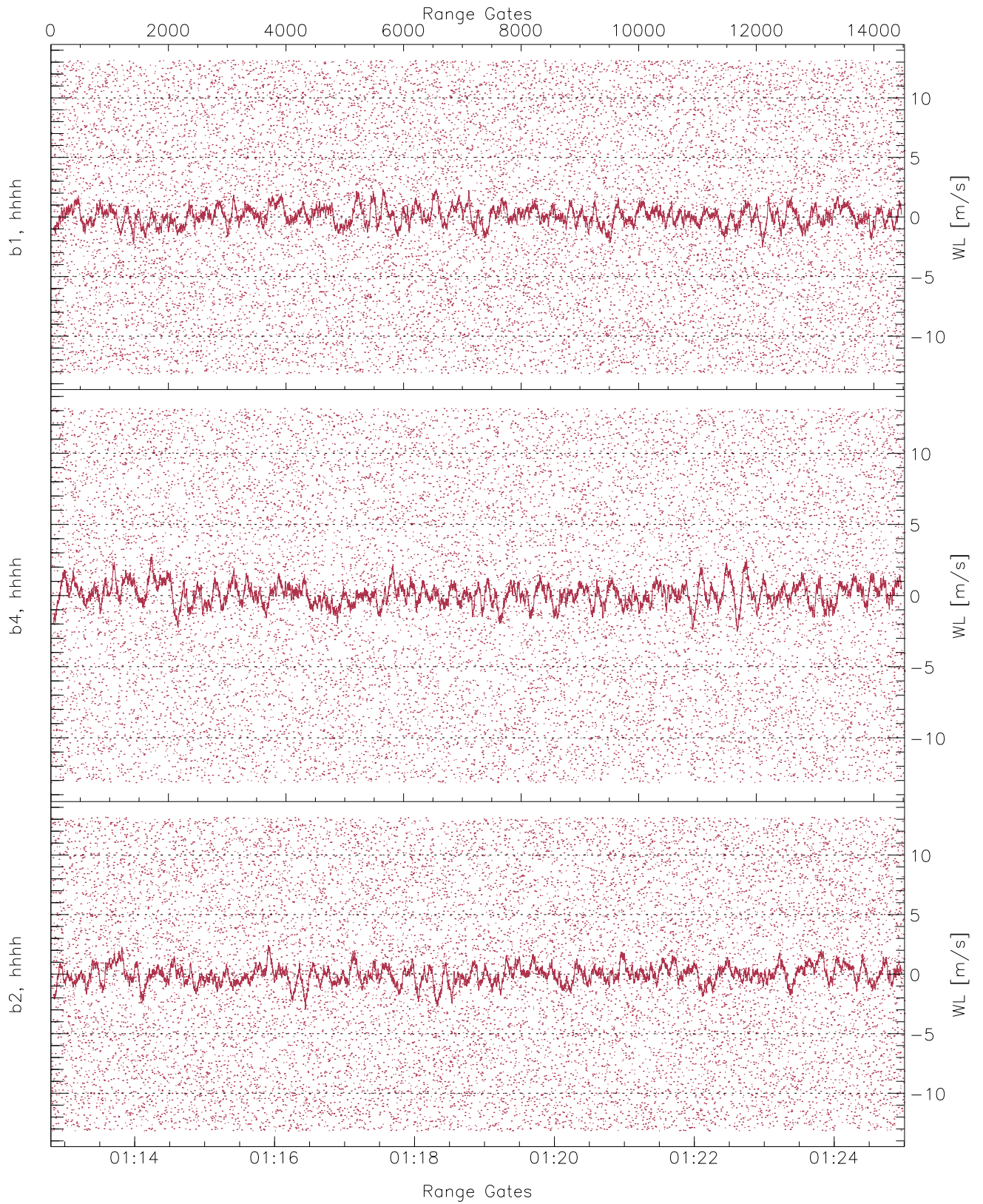


WCR2 CPP "Best" estimate Receivers Noise Power

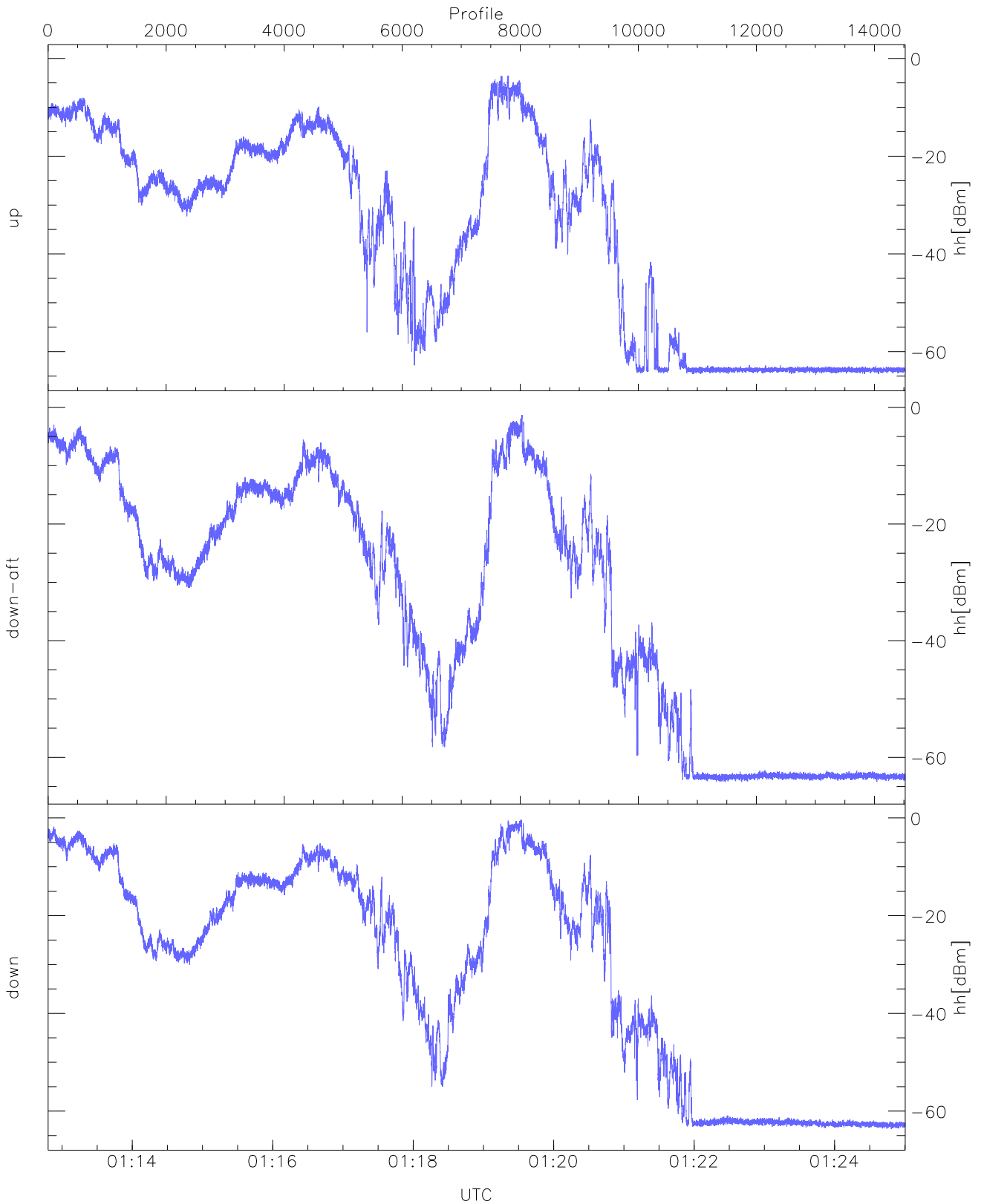
| | Min | Max | Mean | Median | StDev |
|--------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -64.72 | -62.63 | -63.70 | -63.71 | -75.83 |
| H1RM_0 [dBm] | -64.72 | -62.63 | -63.70 | -63.71 | -75.83 |
| V2RM_0 [dBm] | -64.36 | -62.25 | -63.29 | -63.30 | -75.48 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 011248-11854, 7263 profiles averaged
red: 11854-012500, 7262 profiles averaged

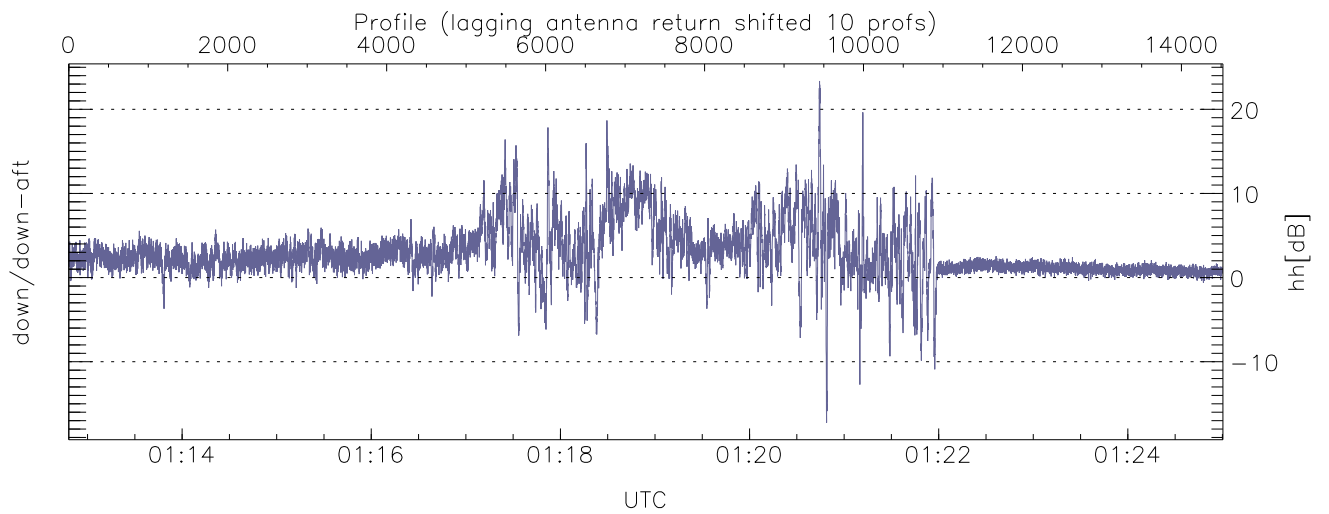
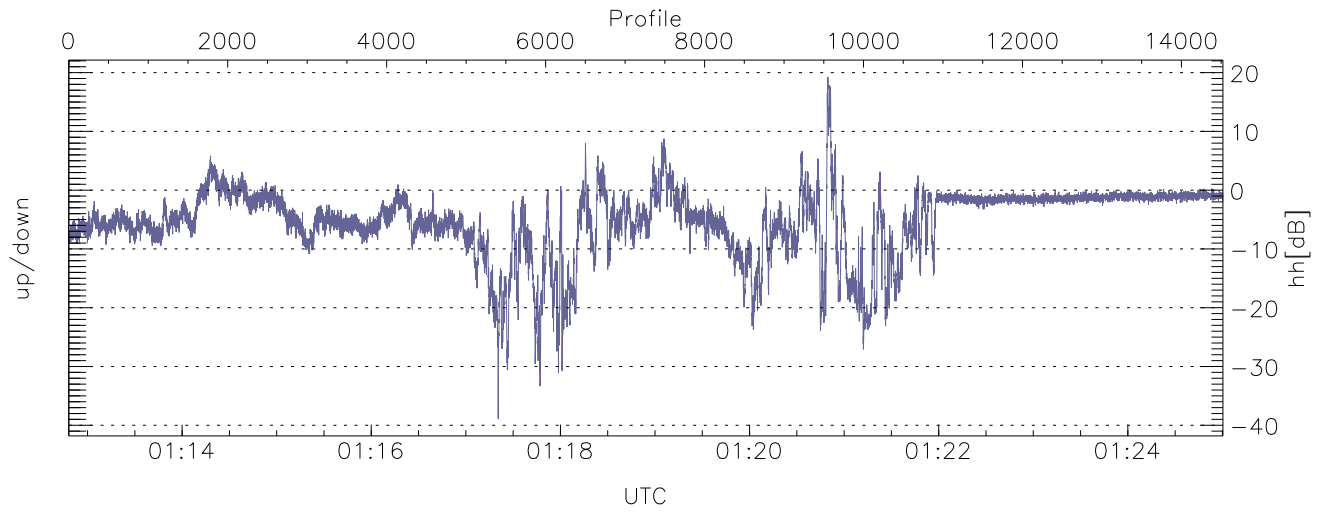


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



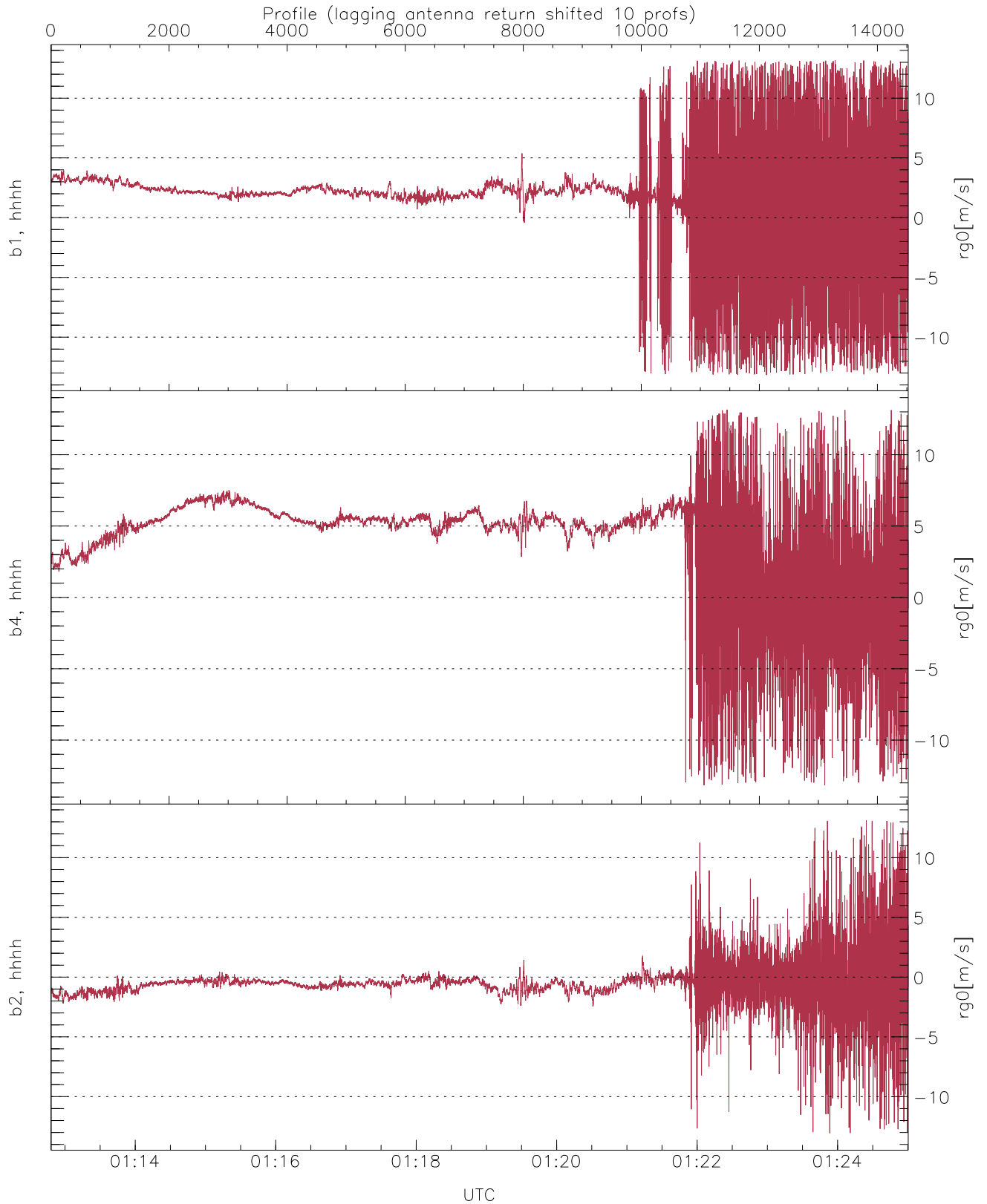
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|-------|--------|
| up(hh[dBm]) | -64.78 | -3.52 | -16.99 |
| down-aft(hh[dBm]) | -64.20 | -1.34 | -13.83 |
| down(hh[dBm]) | -63.67 | -0.38 | -11.95 |



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

| | Min | Max | Mean |
|-----------------------|--------|-------|-------|
| up/down(hh[dB]) | -38.91 | 19.23 | -4.57 |
| down/down-aft(hh[dB]) | -17.24 | 23.37 | 2.96 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -13.17 | 13.16 | 1.81 | 3.87 |
| b4, hhhh(rg0[m/s]) | -13.17 | 13.16 | 3.94 | 3.60 |
| b2, hhhh(rg0[m/s]) | -13.05 | 13.11 | -0.49 | 1.70 |