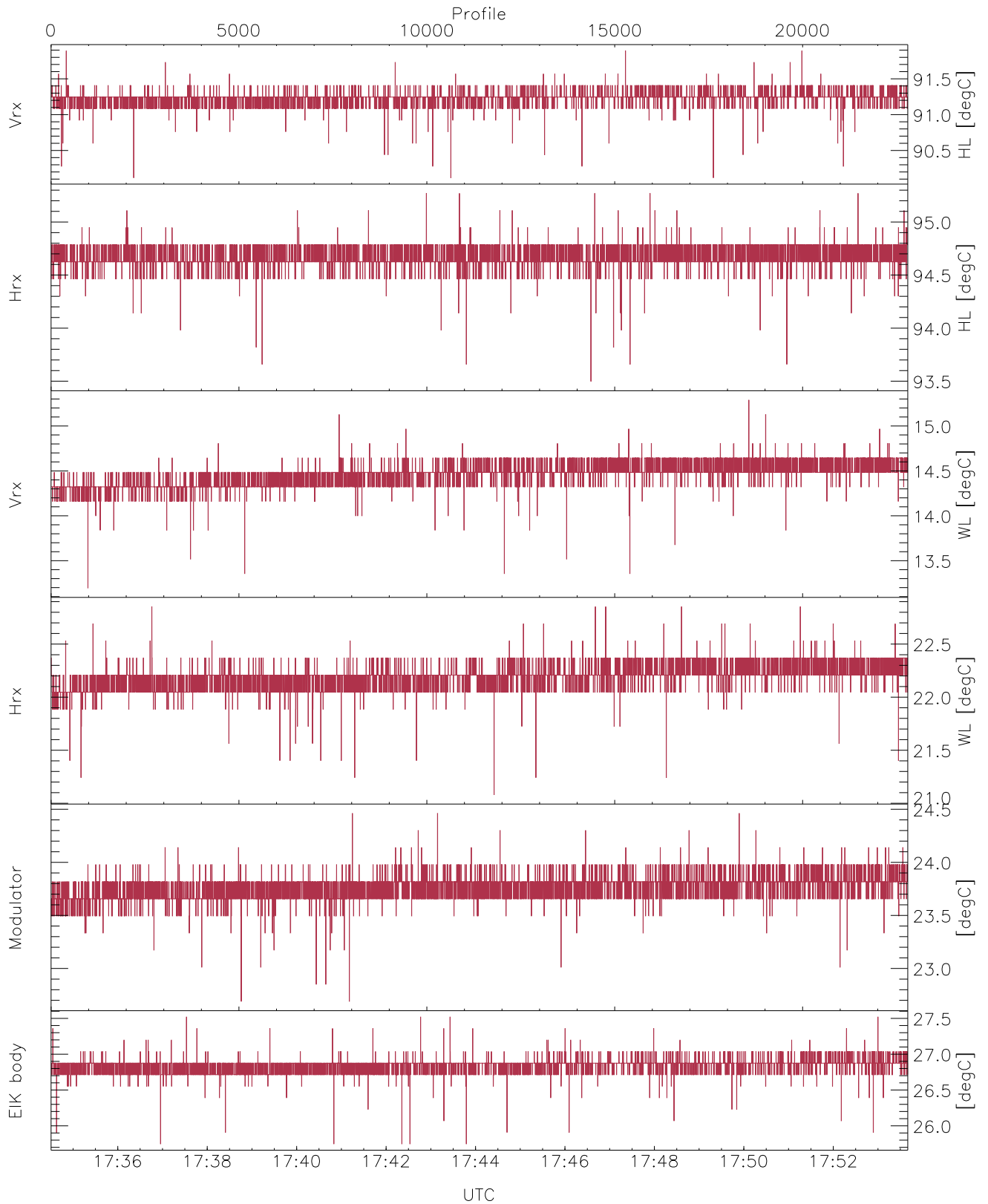


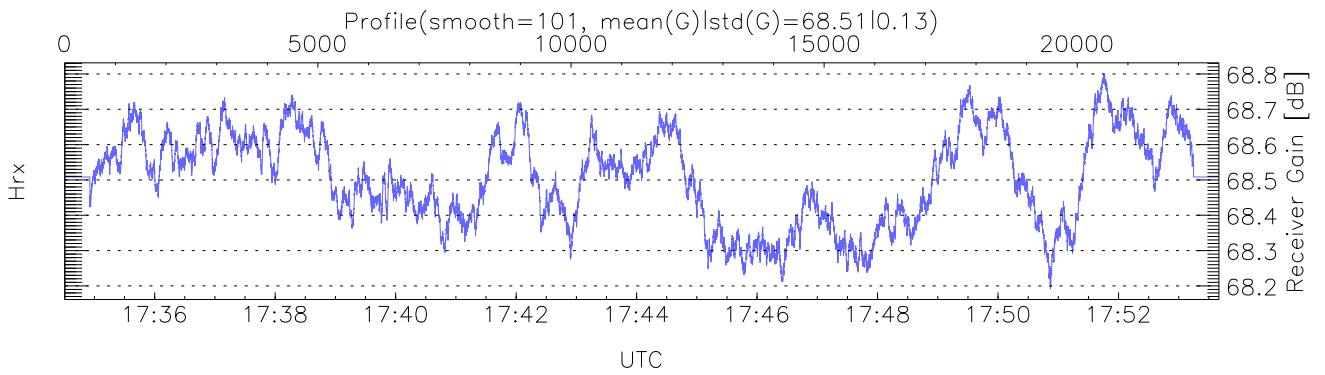
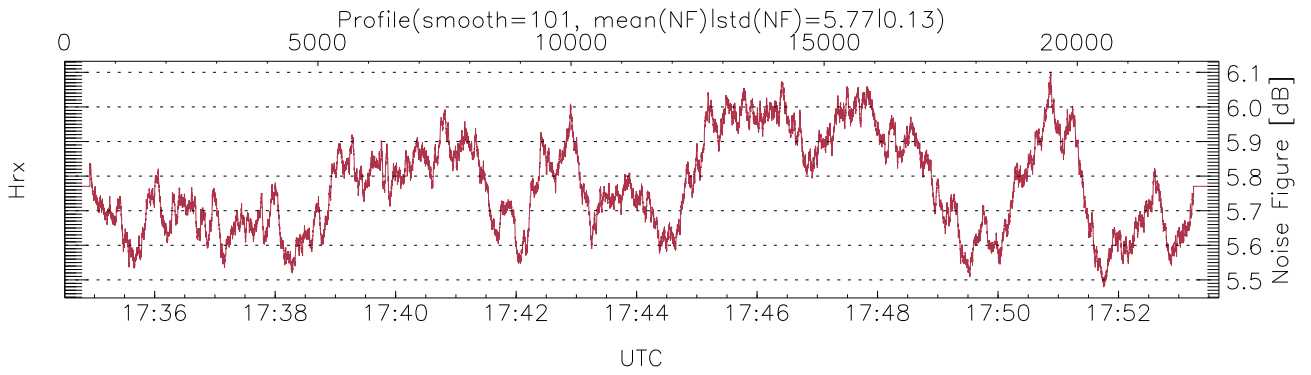
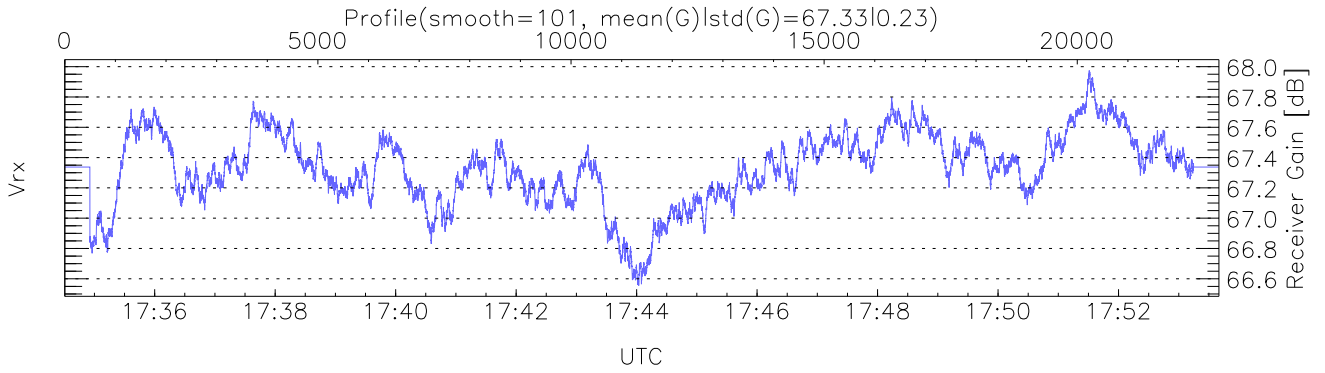
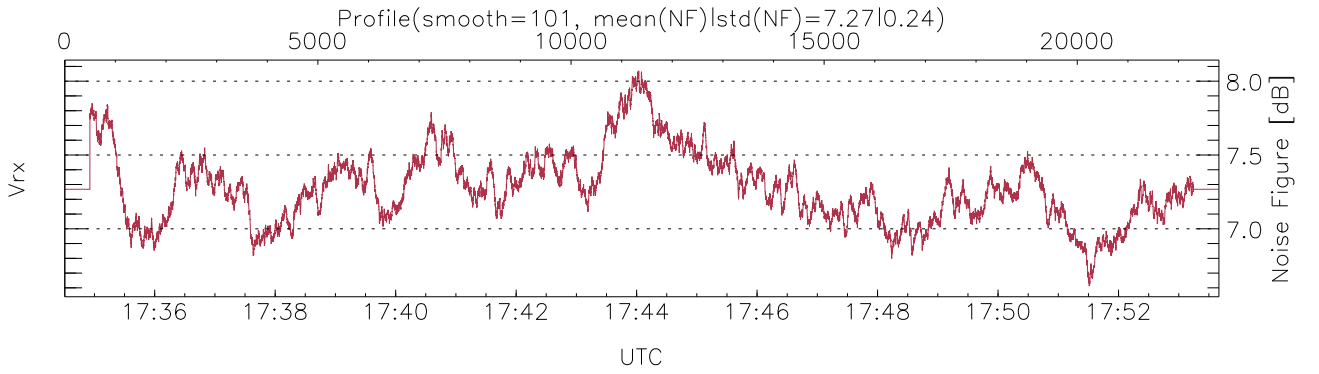
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

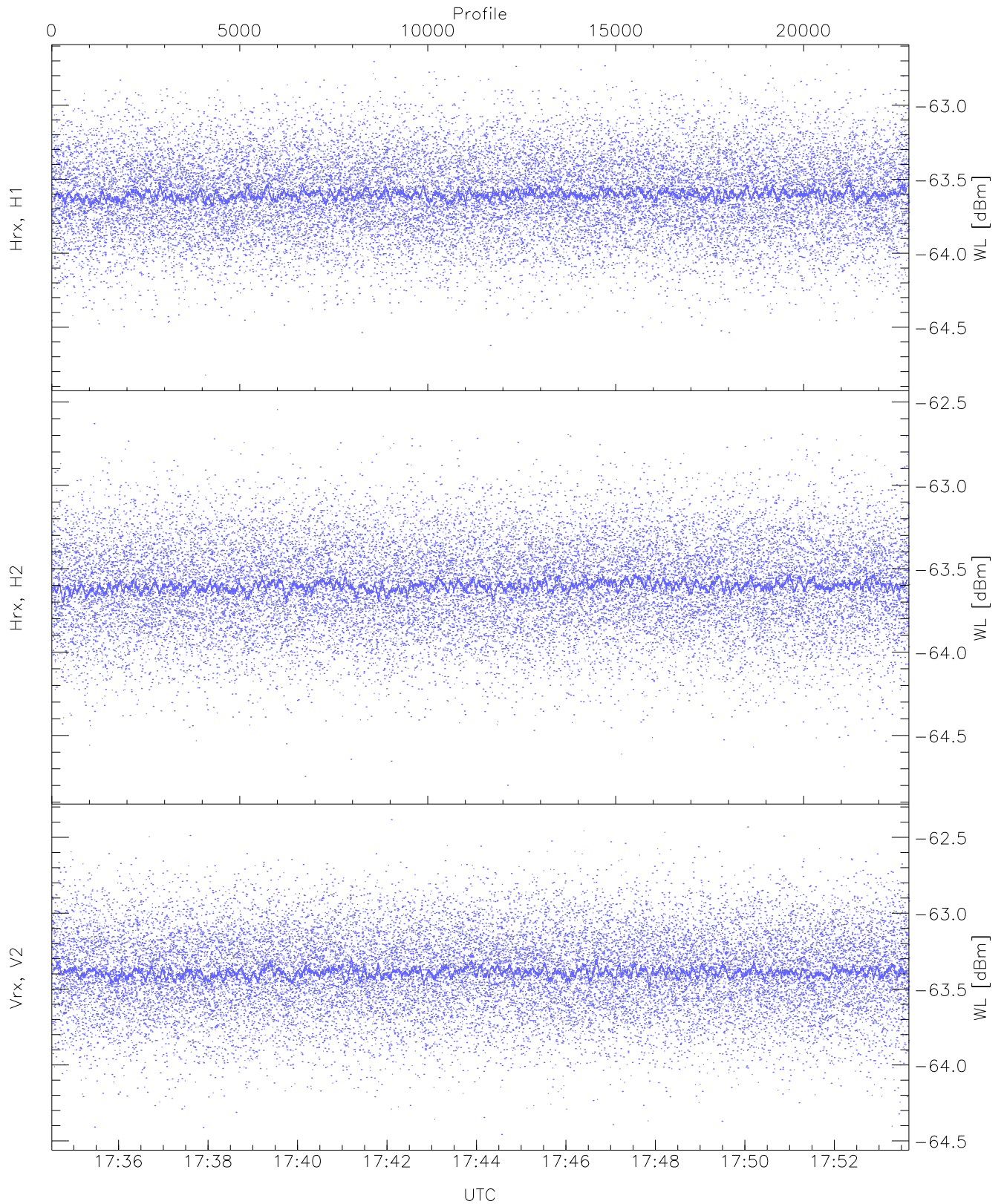
UTC: 17:34:30-18:10:40, Dur: 2169.06s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/43020, 0-22799/17:34:30-17:53:40
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

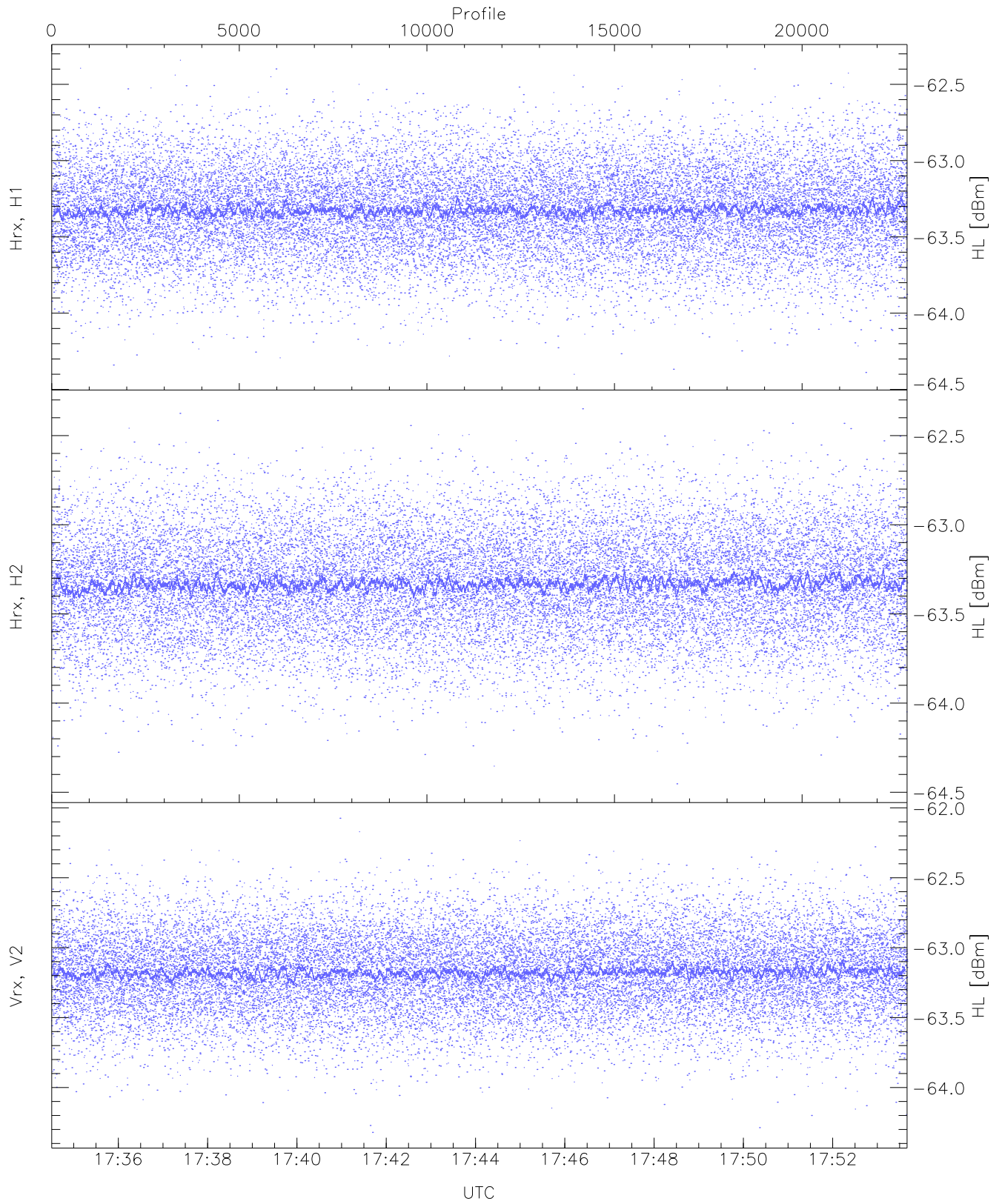
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,93,13,21,22,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,95,15,22,24,27
LOalarm(20,80,240,2.8,14.8 MHz): 20,0,0,42,0
EIK/Modulator Faults: None





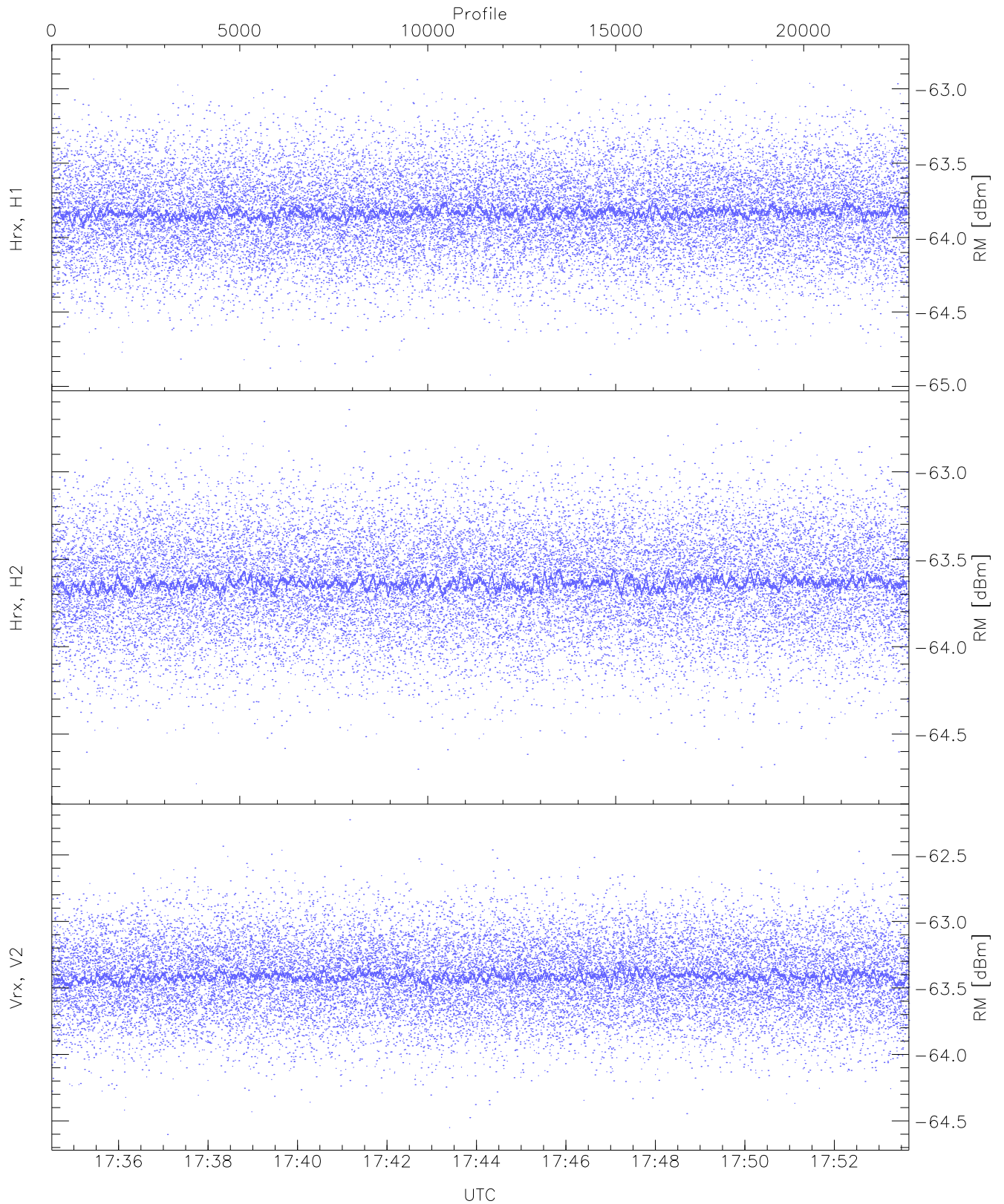
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.82 | -62.70 | -63.60 | -63.60 | -75.73 |
| Hrx, H2 (WL [dBm]) | -64.80 | -62.55 | -63.60 | -63.60 | -75.71 |
| Vrx, V2 (WL [dBm]) | -64.46 | -62.38 | -63.38 | -63.39 | -75.54 |



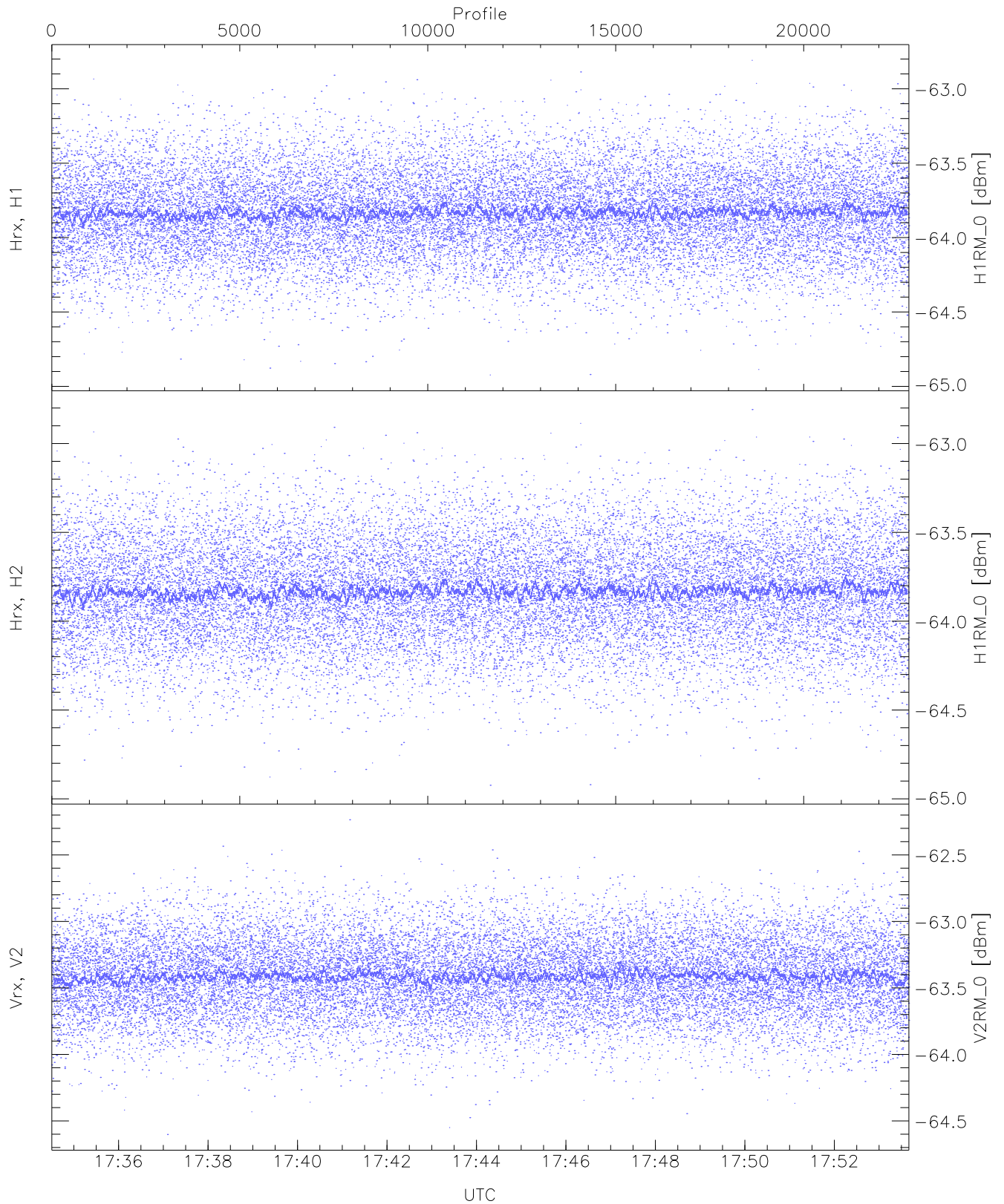
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.40 | -62.34 | -63.32 | -63.32 | -75.50 |
| Hrx, H2 (HL [dBm]) | -64.45 | -62.35 | -63.33 | -63.33 | -75.52 |
| Vrx, V2 (HL [dBm]) | -64.32 | -62.07 | -63.17 | -63.18 | -75.34 |



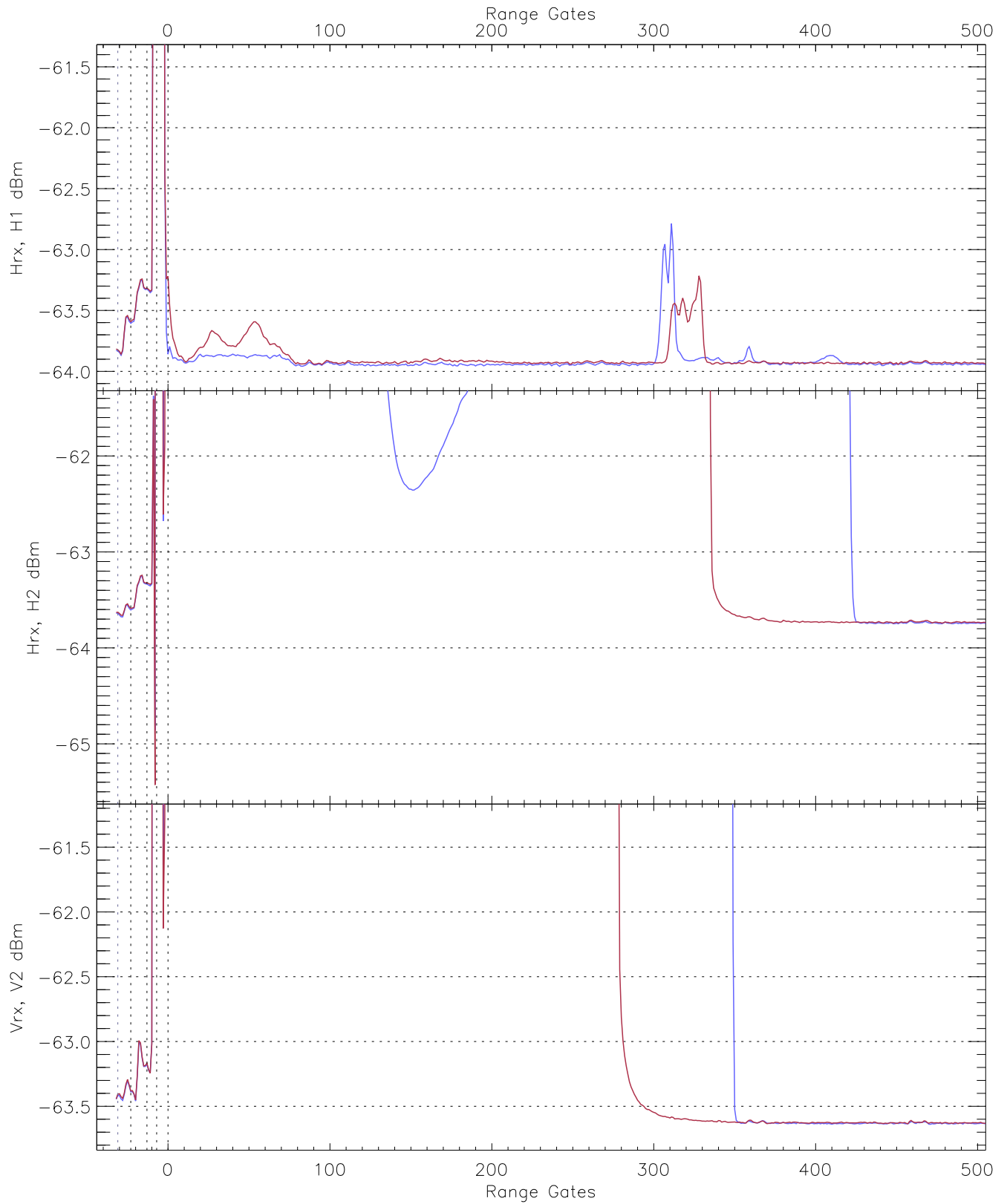
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -64.92 | -62.81 | -63.83 | -63.84 | -75.97 |
| Hrx, H2 (RM [dBm]) | -64.79 | -62.64 | -63.63 | -63.64 | -75.77 |
| Vrx, V2 (RM [dBm]) | -64.60 | -62.24 | -63.41 | -63.42 | -75.55 |

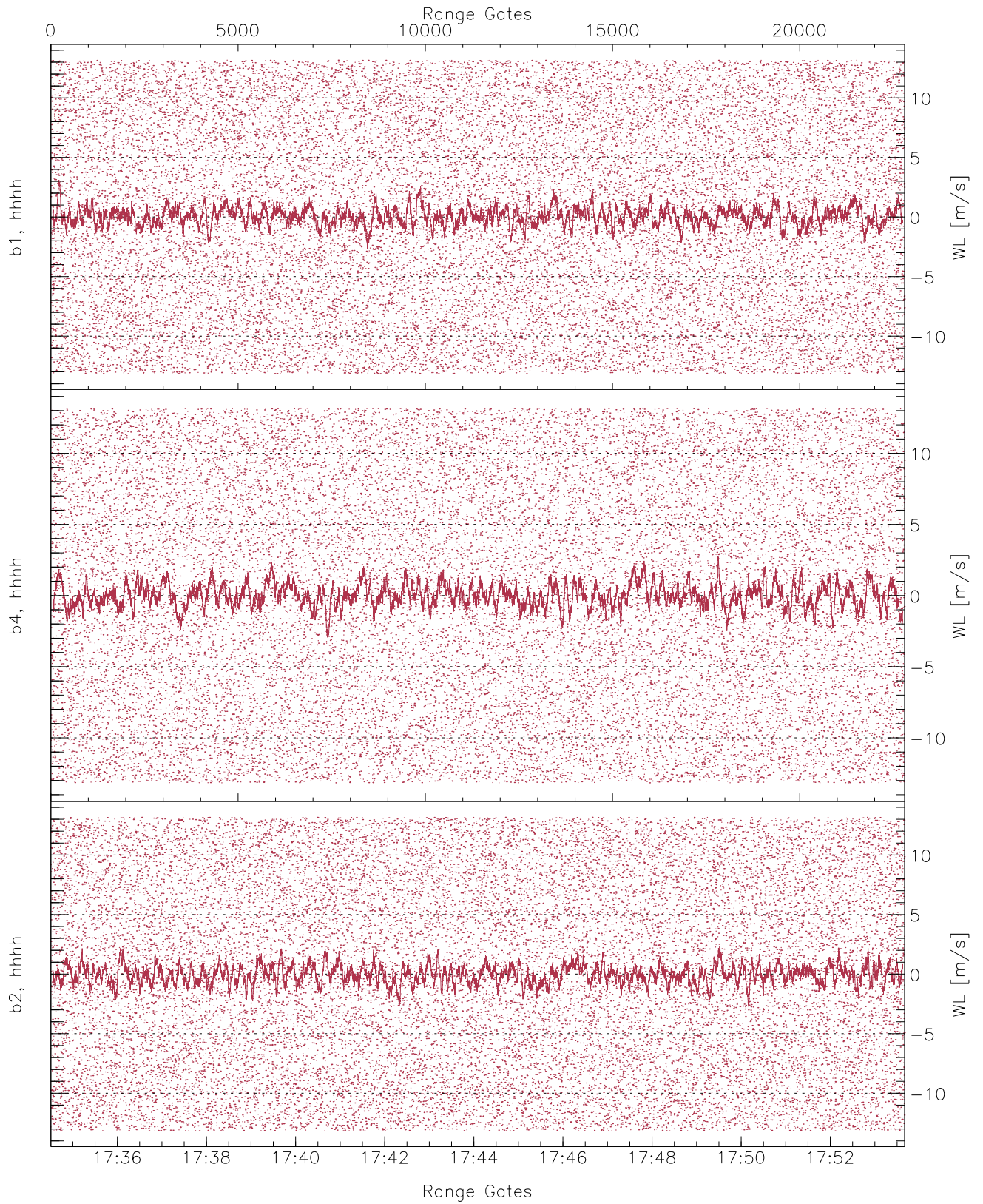


WCR2 CPP "Best" estimate Receivers Noise Power

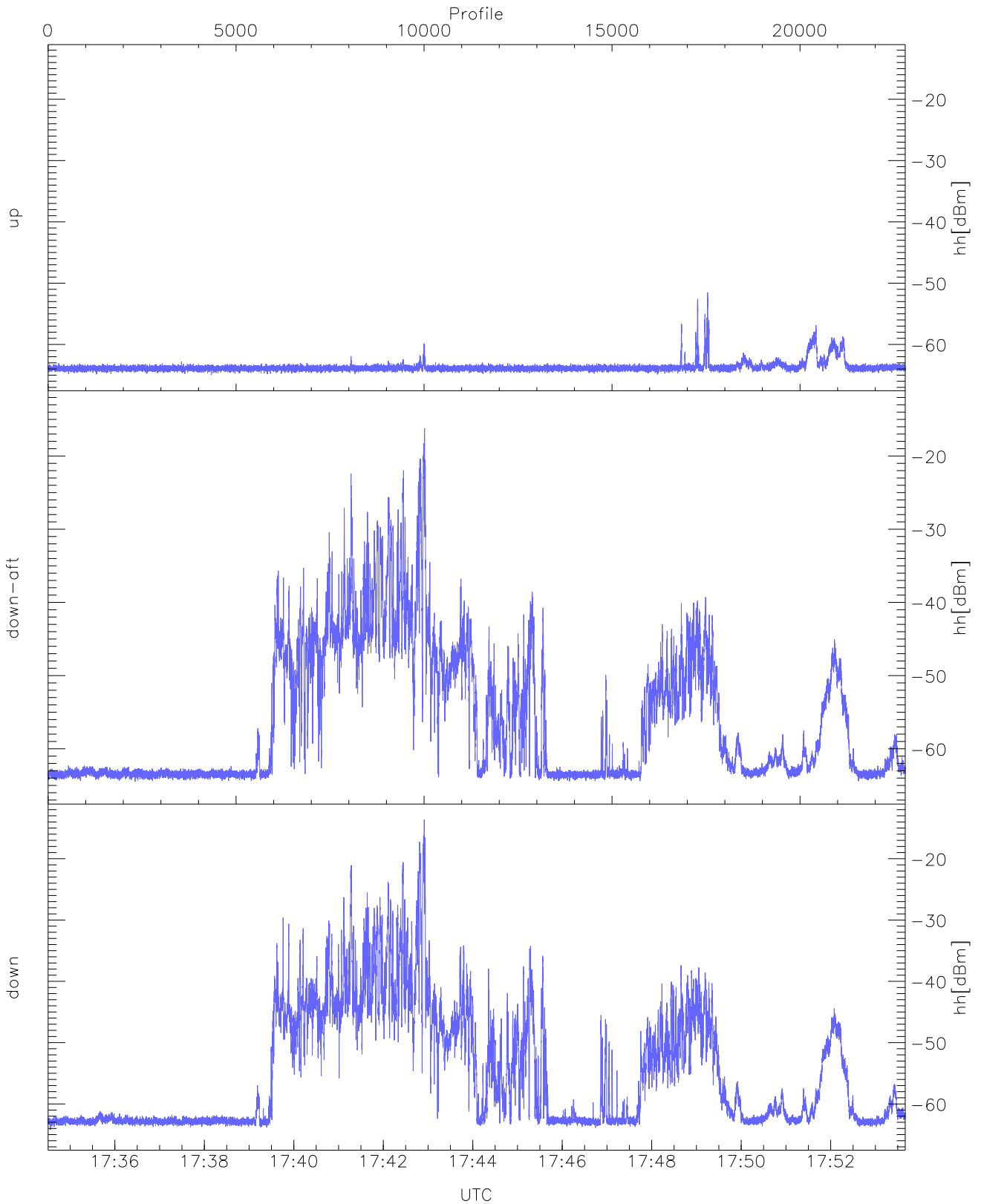
| | Min | Max | Mean | Median | StDev |
|--------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -64.92 | -62.81 | -63.83 | -63.84 | -75.97 |
| H1RM_0 [dBm] | -64.92 | -62.81 | -63.83 | -63.84 | -75.97 |
| V2RM_0 [dBm] | -64.60 | -62.24 | -63.41 | -63.42 | -75.55 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 173430-174405, 11401 profiles averaged
red: 174405-175340, 11400 profiles averaged

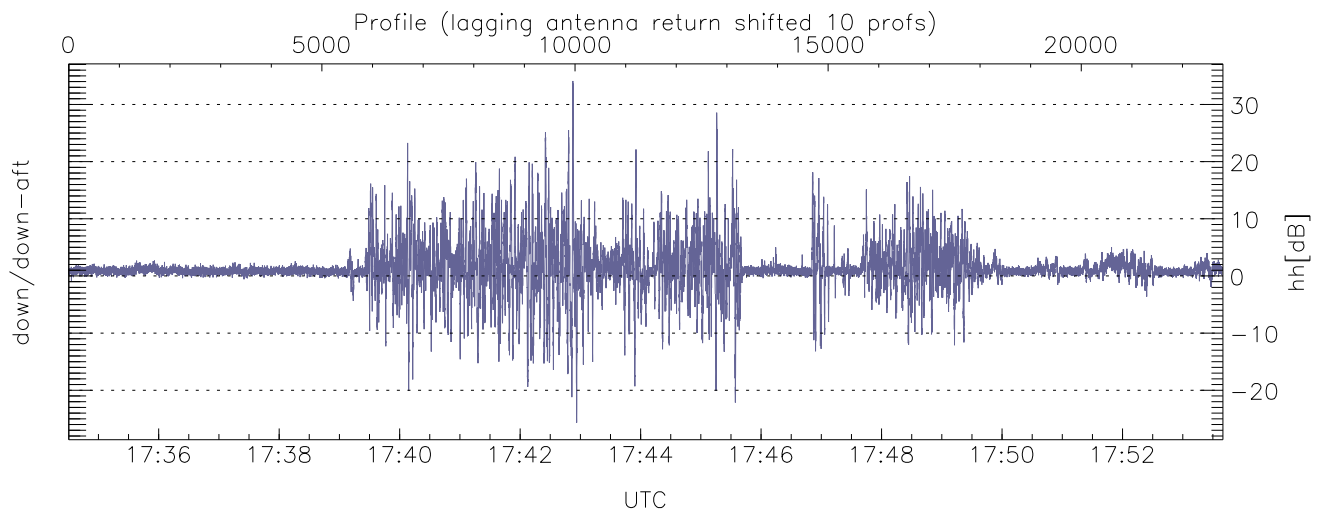
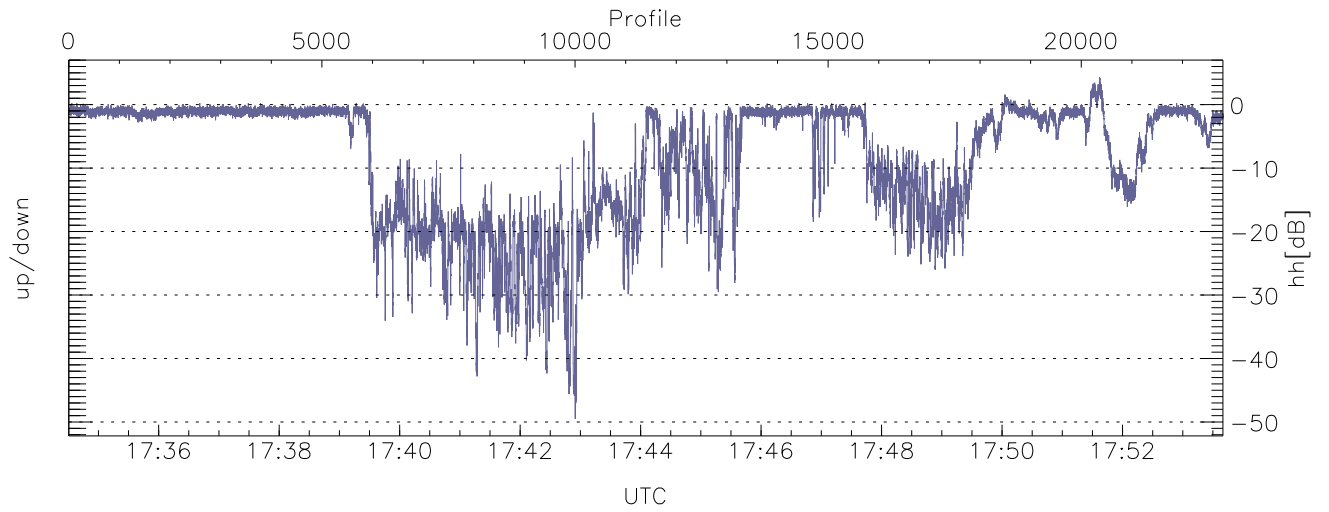


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



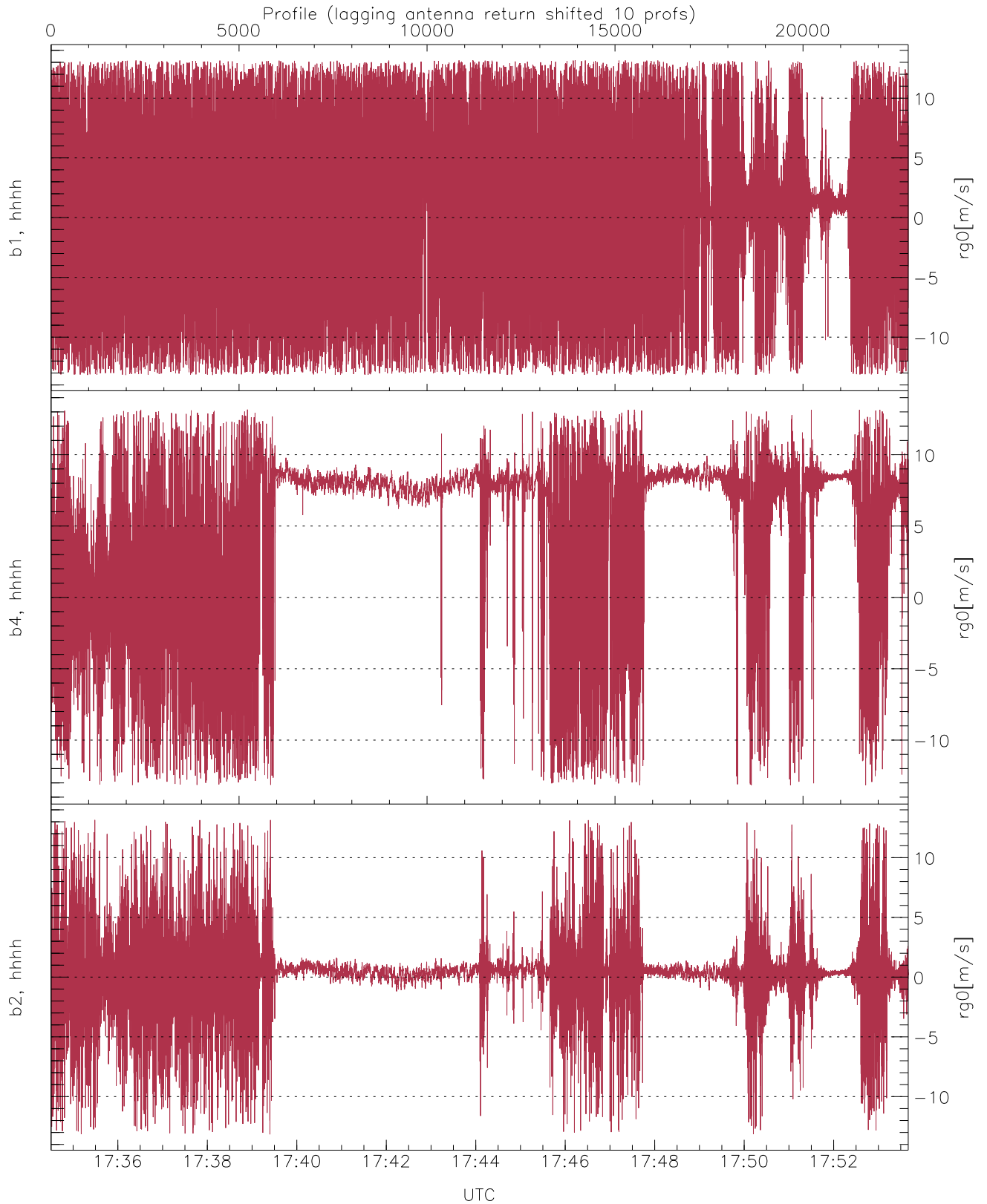
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|--------|--------|
| up(hh[dBm]) | -64.98 | -51.54 | -63.53 |
| down-aft(hh[dBm]) | -64.47 | -16.24 | -41.99 |
| down(hh[dBm]) | -64.24 | -13.65 | -39.77 |



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

| | Min | Max | Mean |
|-----------------------|--------|-------|-------|
| up/down(hh[dB]) | -49.50 | 4.33 | -8.26 |
| down/down-aft(hh[dB]) | -25.66 | 34.12 | 1.36 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|------|-------|
| b1, hhhh(rg0[m/s]) | -13.17 | 13.16 | 0.35 | 7.03 |
| b4, hhhh(rg0[m/s]) | -13.17 | 13.16 | 4.60 | 5.27 |
| b2, hhhh(rg0[m/s]) | -13.16 | 13.15 | 0.23 | 2.55 |