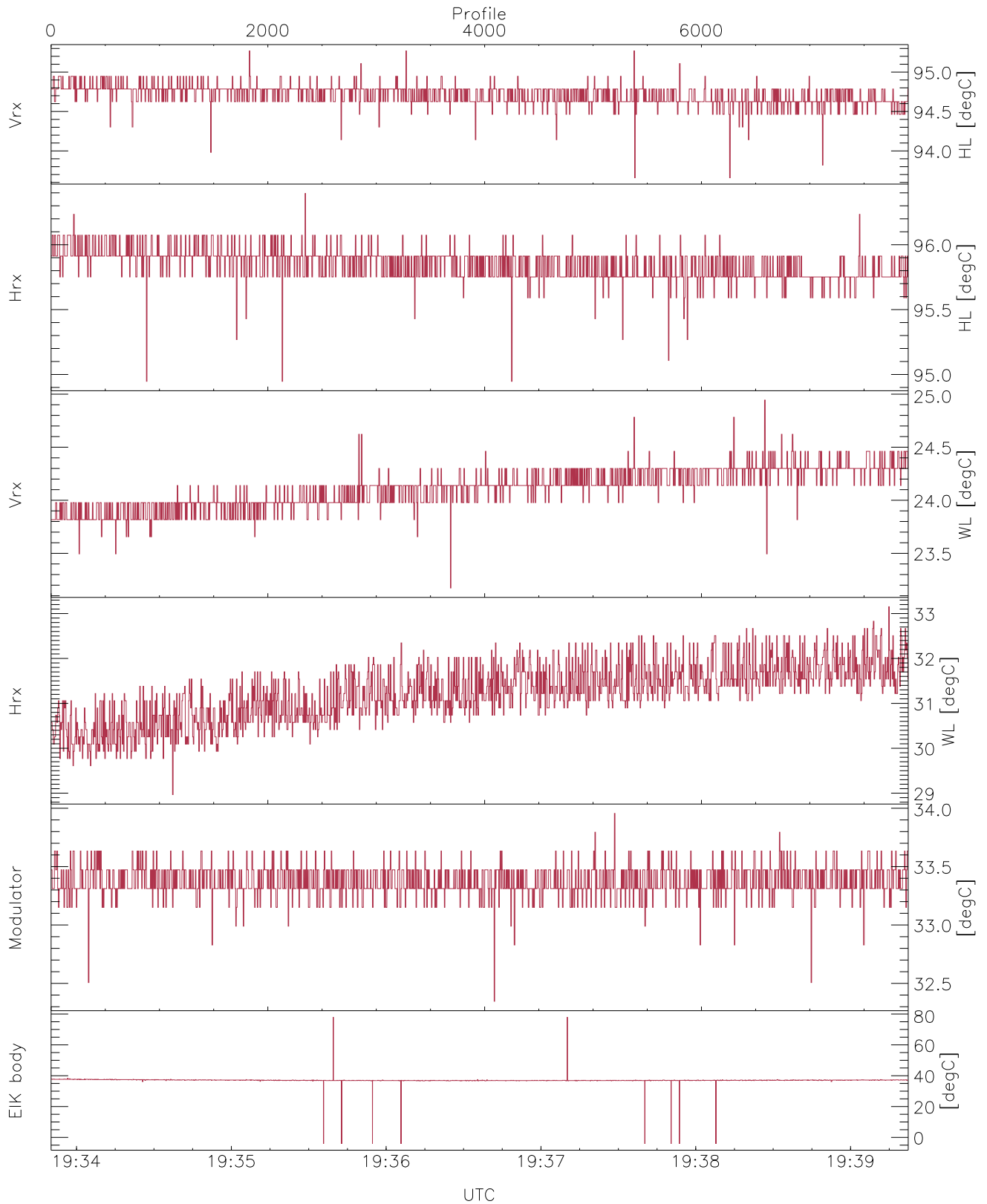


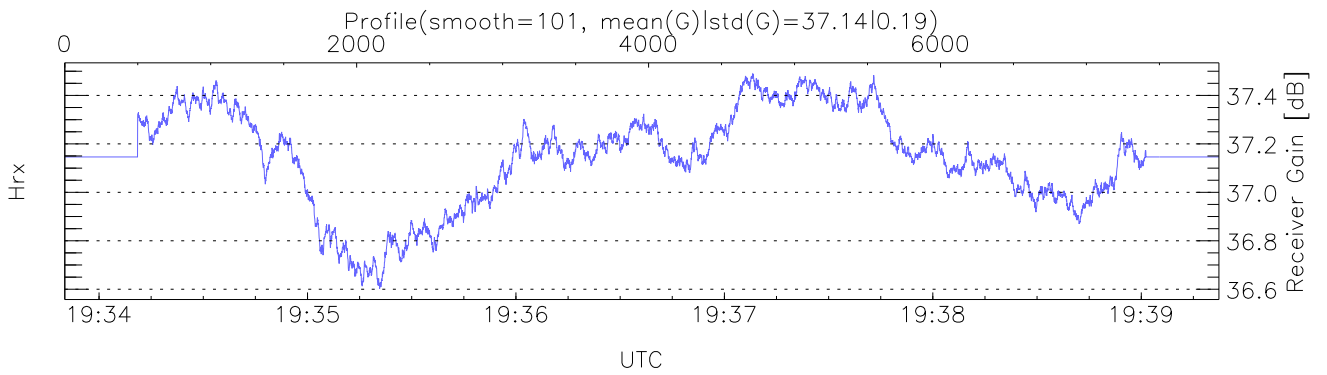
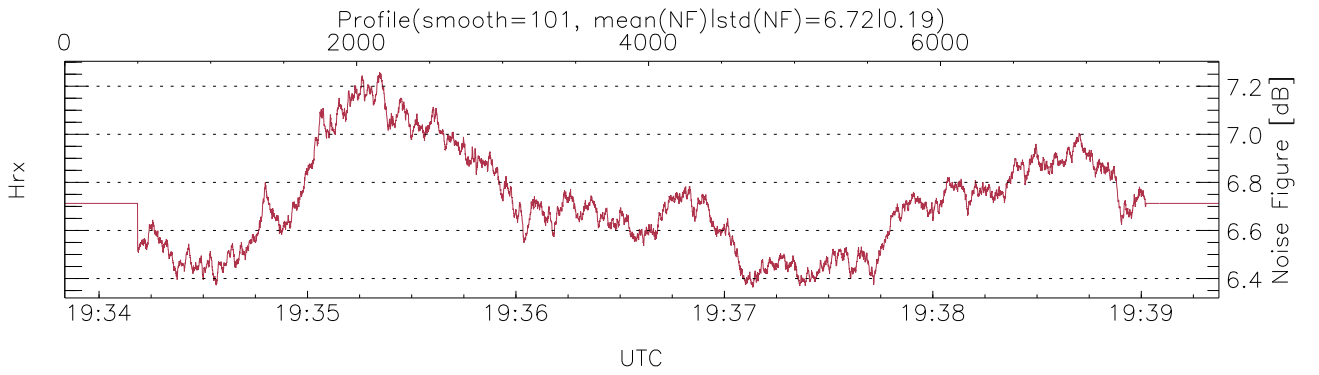
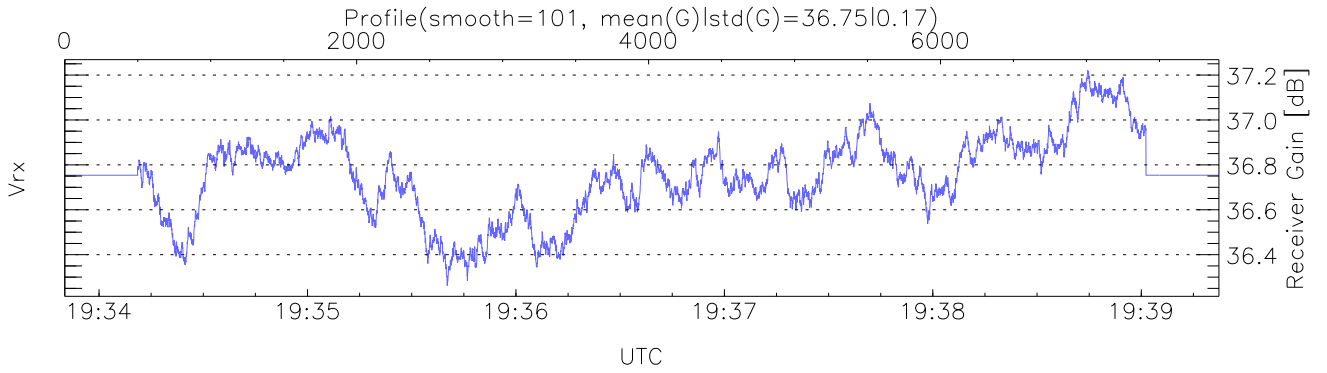
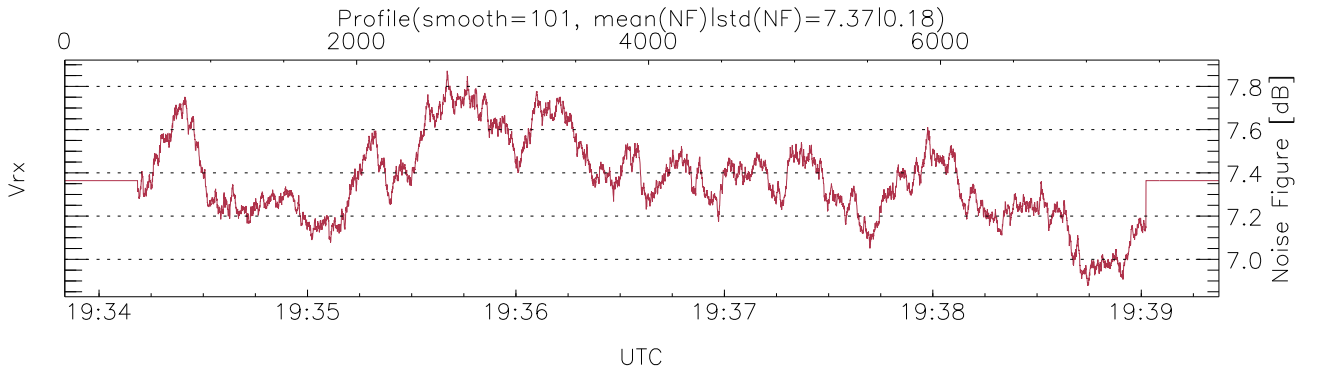
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

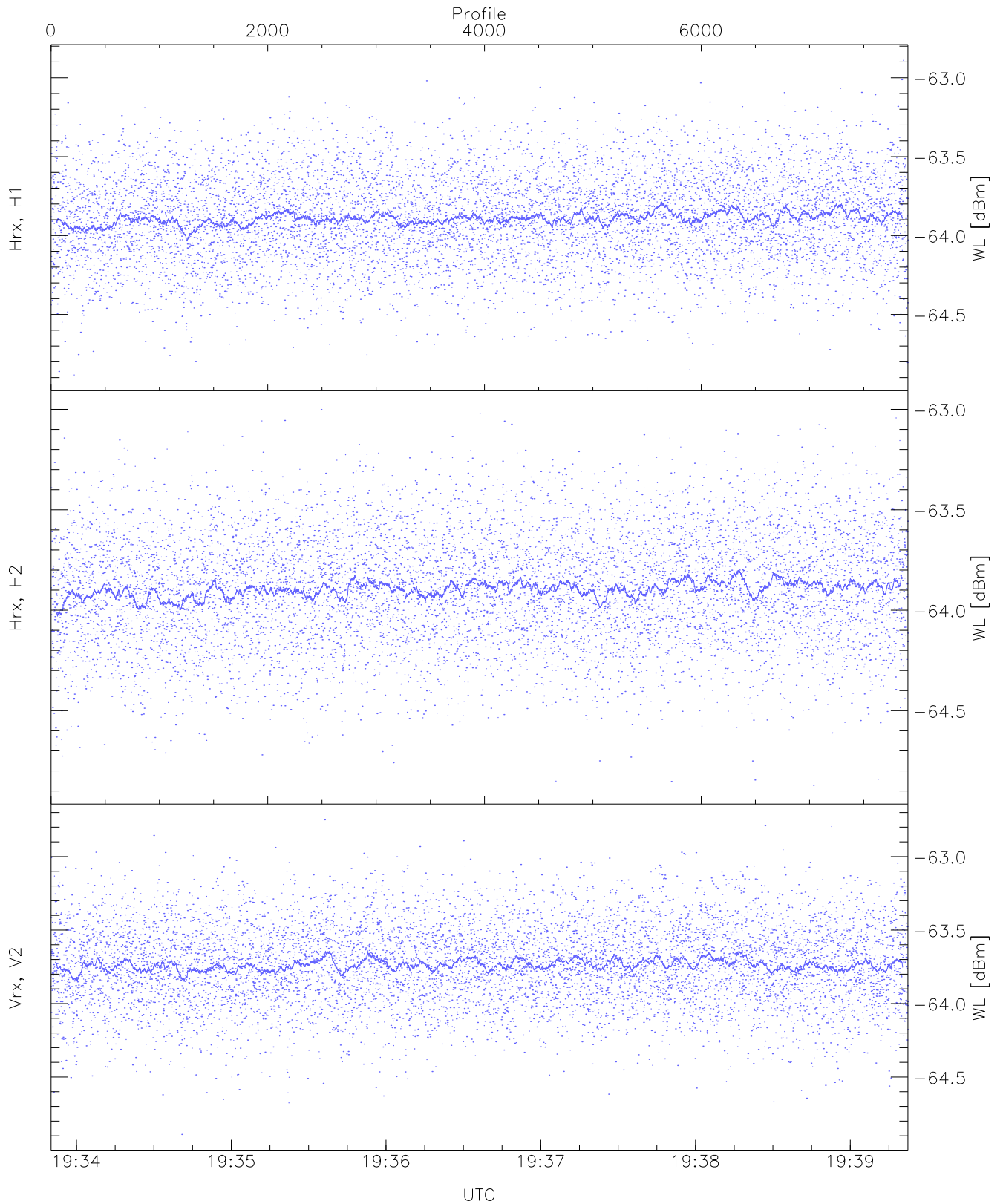
UTC: 19:33:50-19:39:22, Dur: 332.22s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 7909/7909, 0-7908/19:33:50-19:39:22
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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: 4.0
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

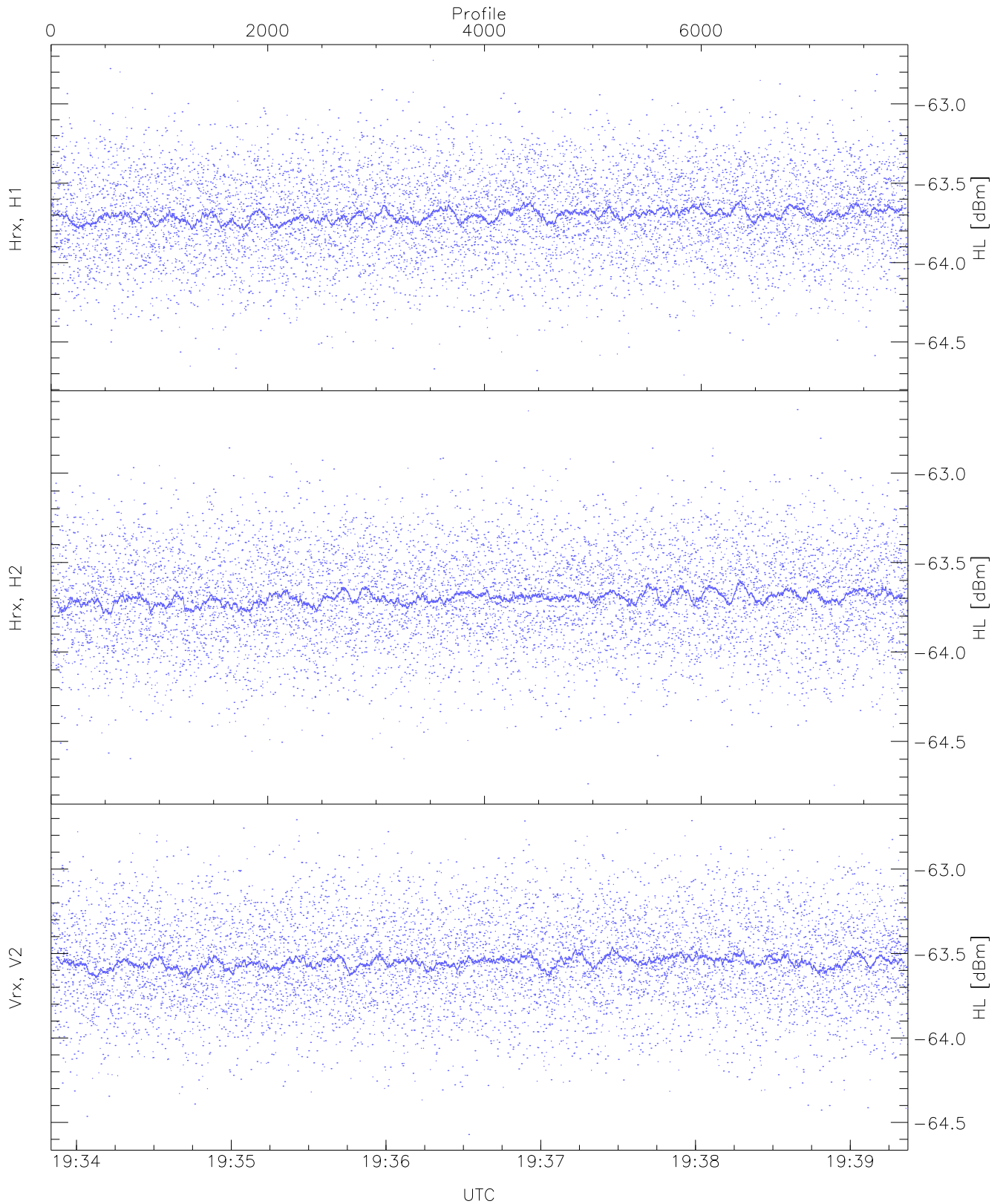
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,23,28,32,-4
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,96,24,33,33,78
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK/Modulator Faults: None





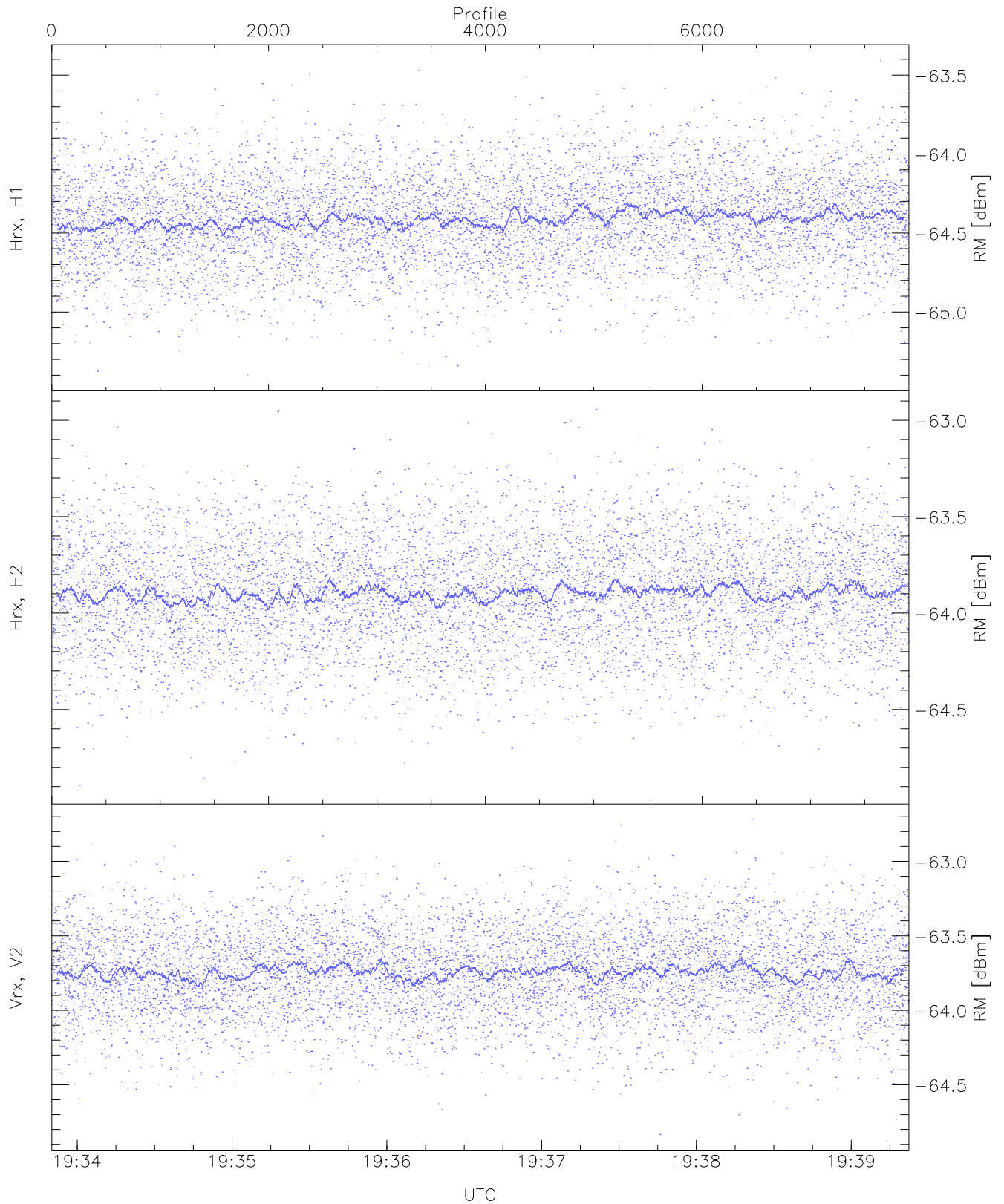
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.88 | -62.89 | -63.89 | -63.89 | -75.98 |
| Hrx, H2 (WL [dBm]) | -64.87 | -63.00 | -63.89 | -63.89 | -76.01 |
| Vrx, V2 (WL [dBm]) | -64.89 | -62.75 | -63.73 | -63.74 | -75.85 |



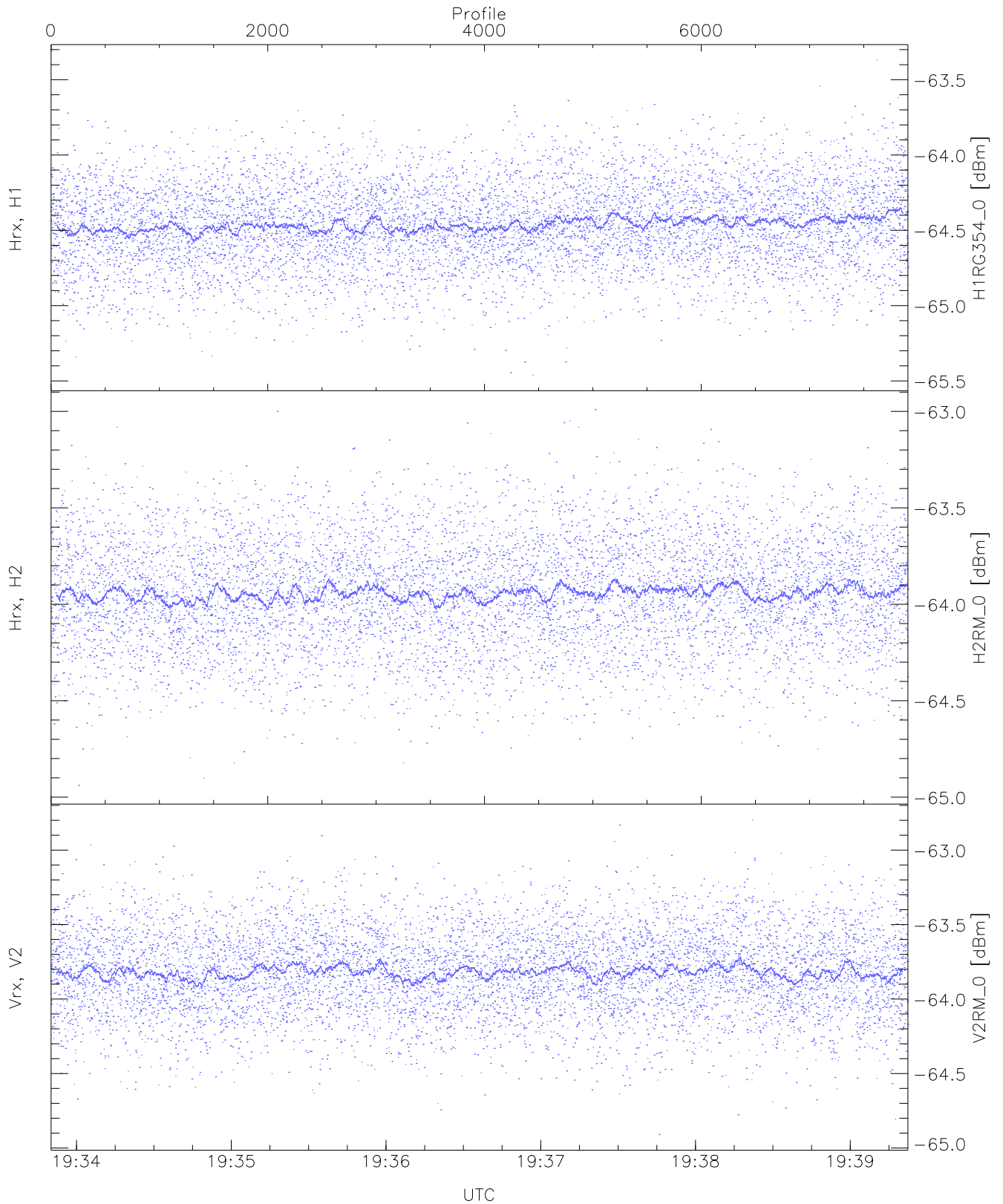
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.71 | -62.73 | -63.70 | -63.70 | -75.79 |
| Hrx, H2 (HL [dBm]) | -64.75 | -62.64 | -63.69 | -63.70 | -75.84 |
| Vrx, V2 (HL [dBm]) | -64.57 | -62.71 | -63.54 | -63.55 | -75.67 |



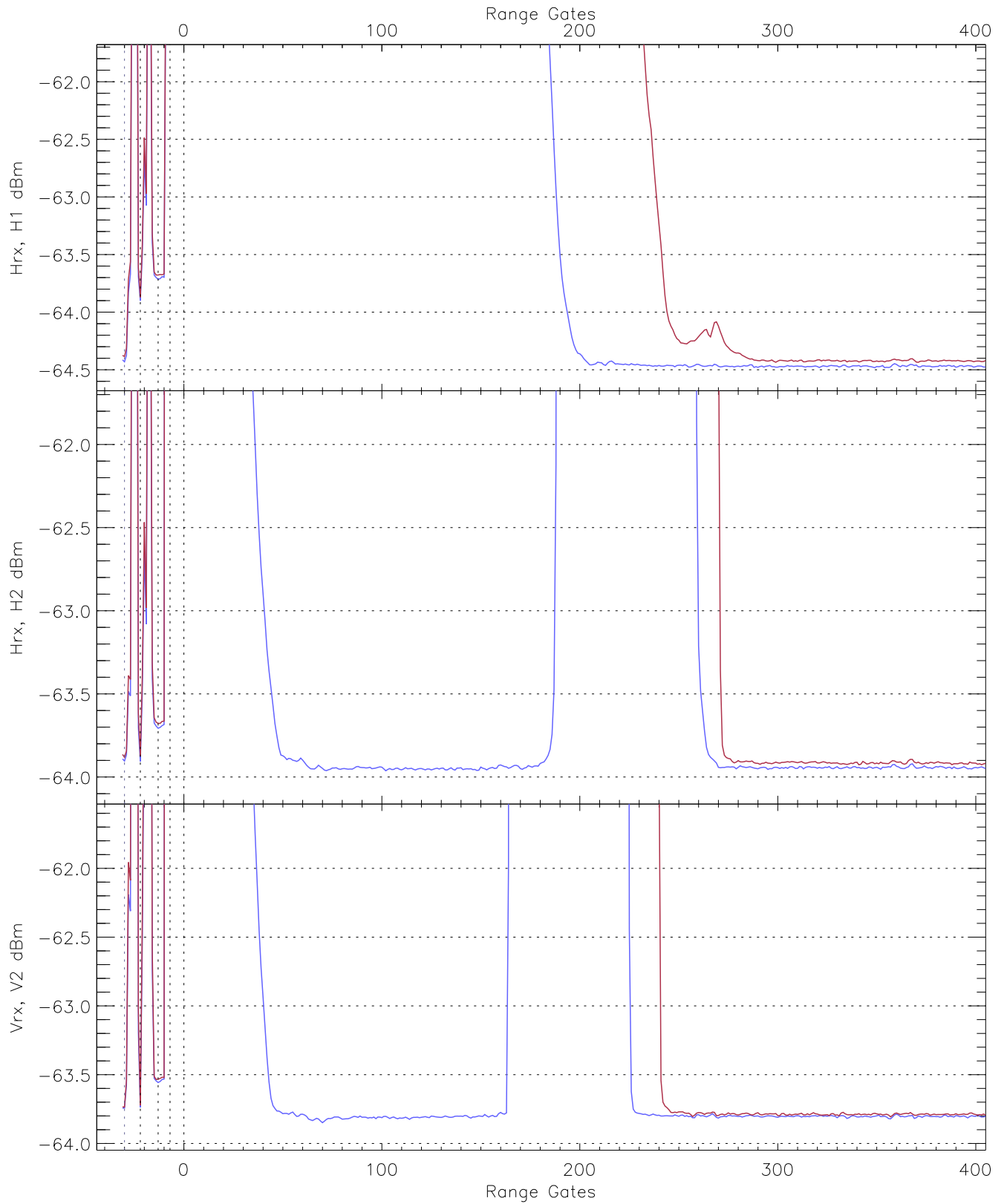
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.40 | -63.41 | -64.41 | -64.41 | -76.51 |
| Hrx, H2 (RM [dBm]) | -64.89 | -62.94 | -63.89 | -63.90 | -76.04 |
| Vrx, V2 (RM [dBm]) | -64.83 | -62.72 | -63.74 | -63.74 | -75.85 |

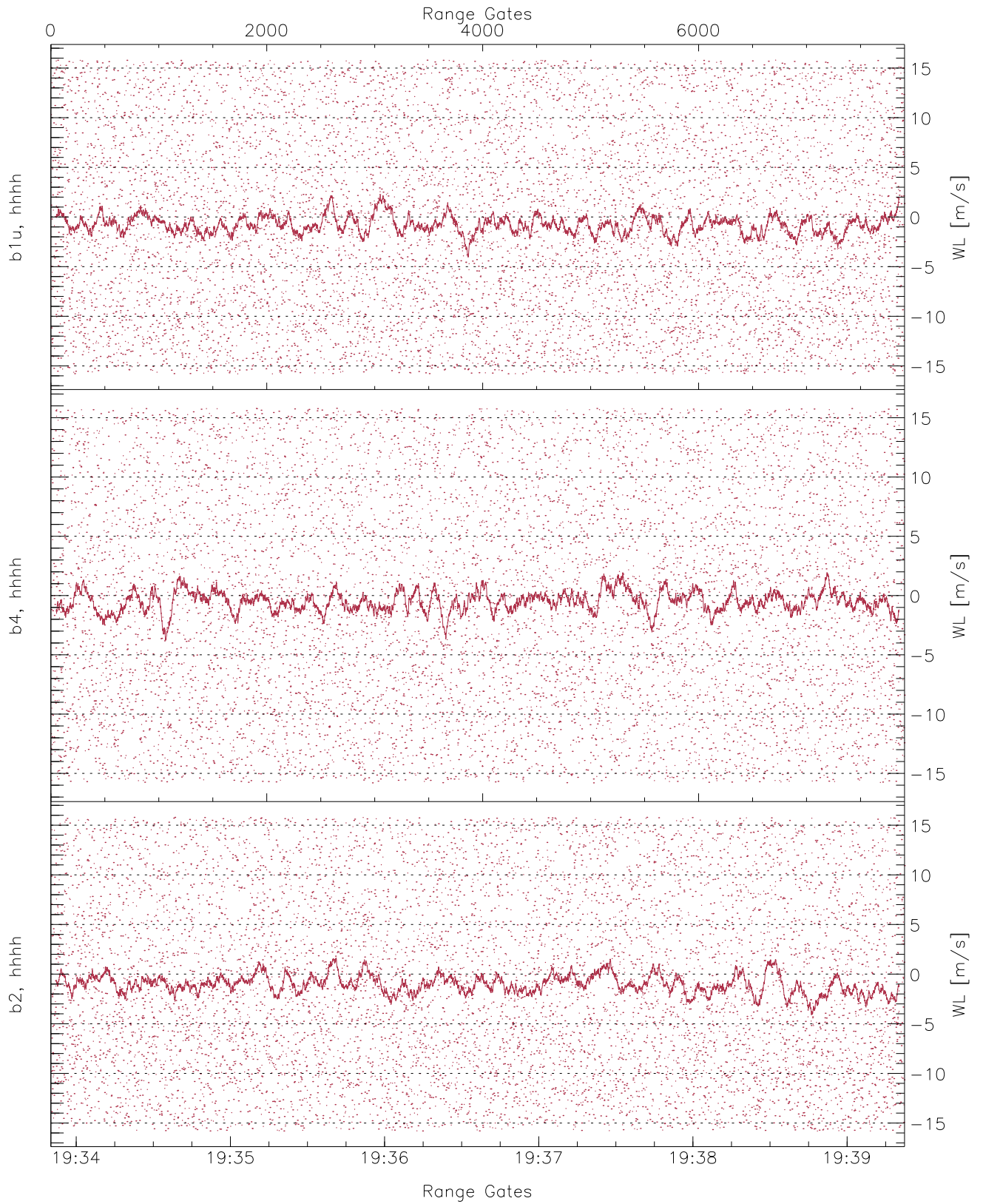


WCR2 CPP "Best" estimate Receivers Noise Power

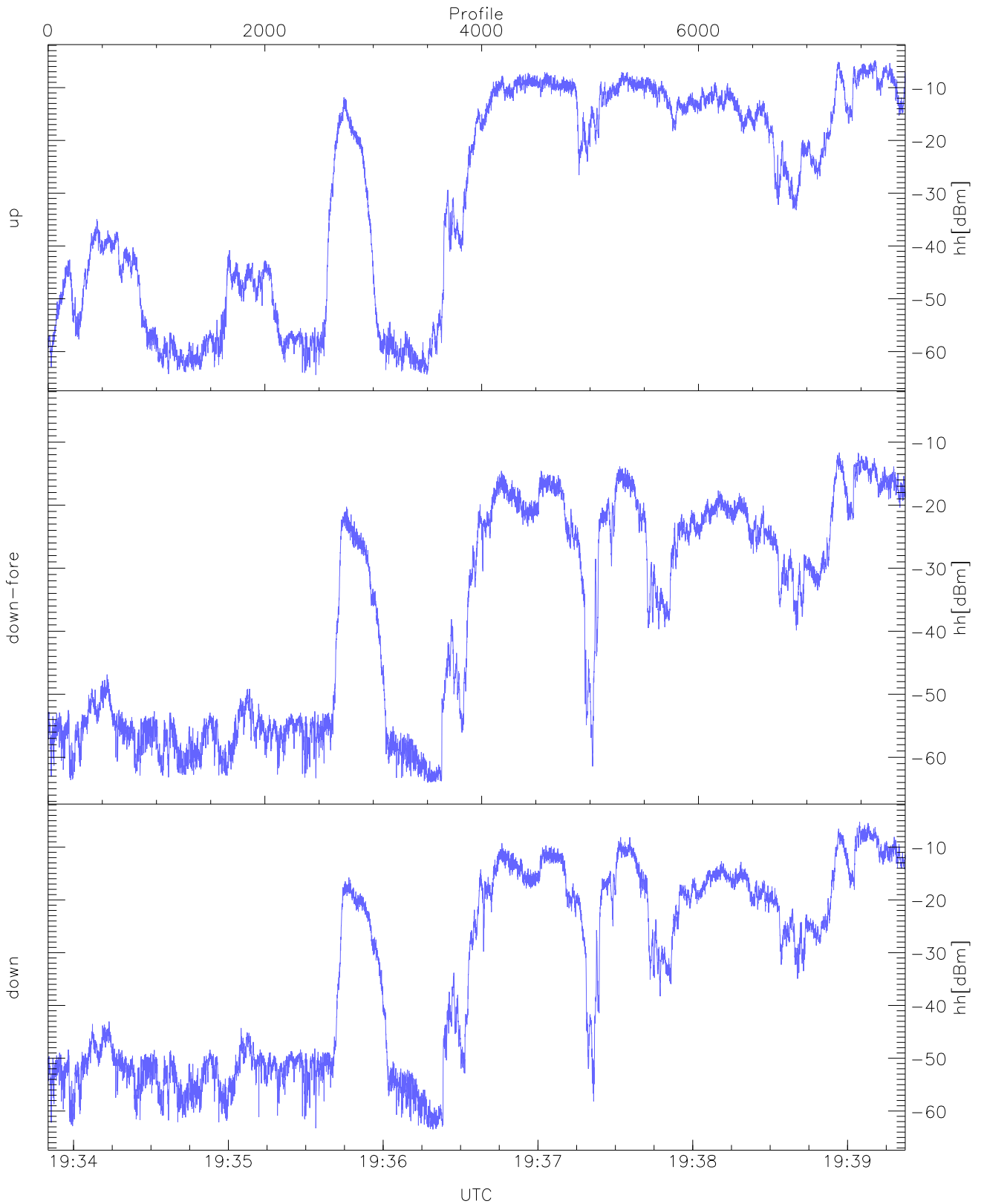
| | Min | Max | Mean | Median | StDev |
|-----------------|--------|--------|--------|--------|--------|
| H1RG354_0 [dBm] | -65.46 | -63.37 | -64.46 | -64.46 | -76.60 |
| H2RM_0 [dBm] | -64.94 | -62.99 | -63.94 | -63.94 | -76.08 |
| V2RM_0 [dBm] | -64.91 | -62.80 | -63.81 | -63.82 | -75.92 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 193350-193636, 3955 profiles averaged
red: 193636-193922, 3955 profiles averaged

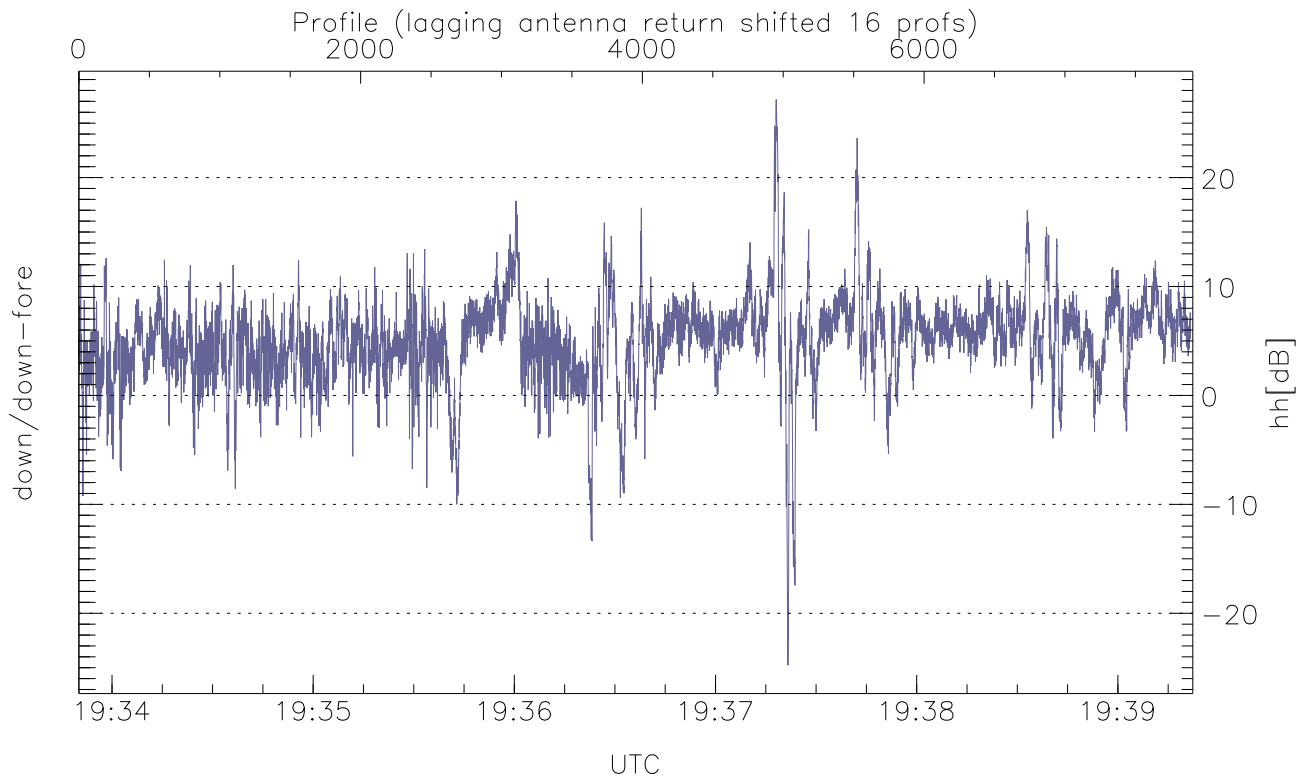
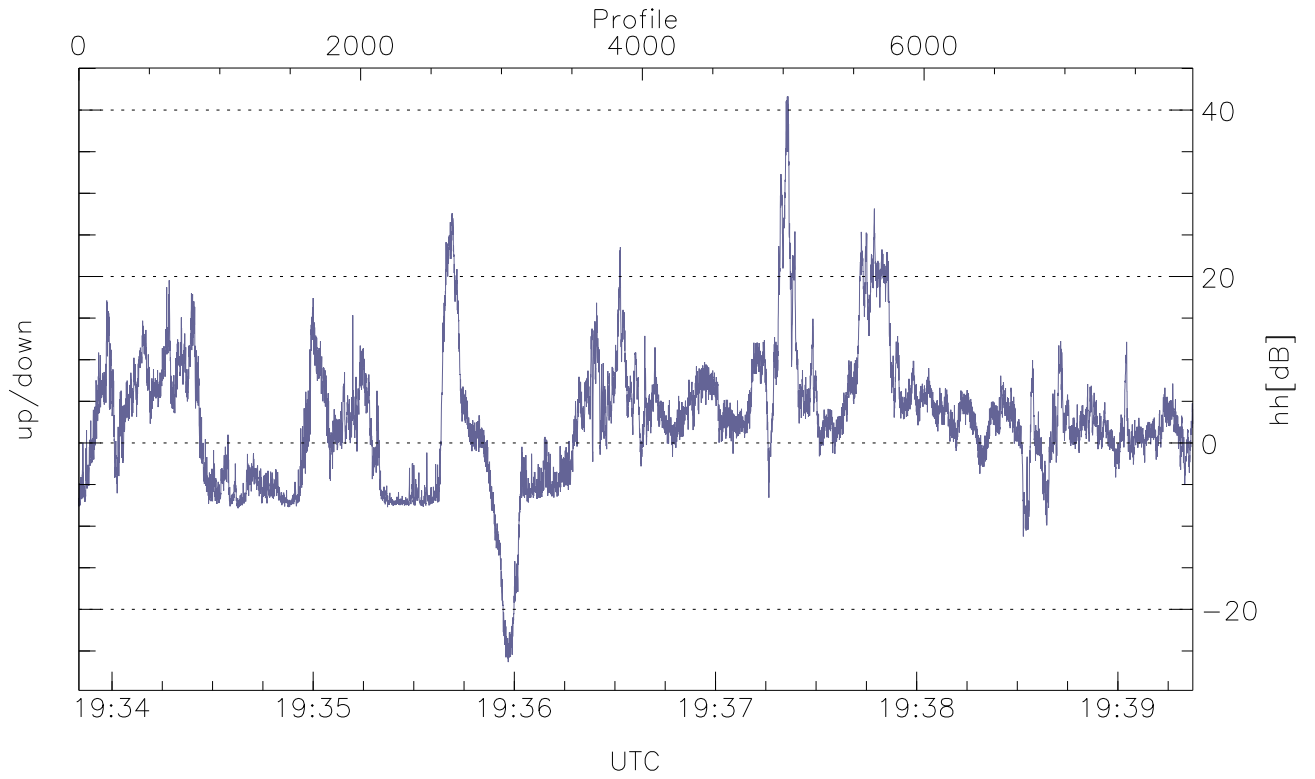


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



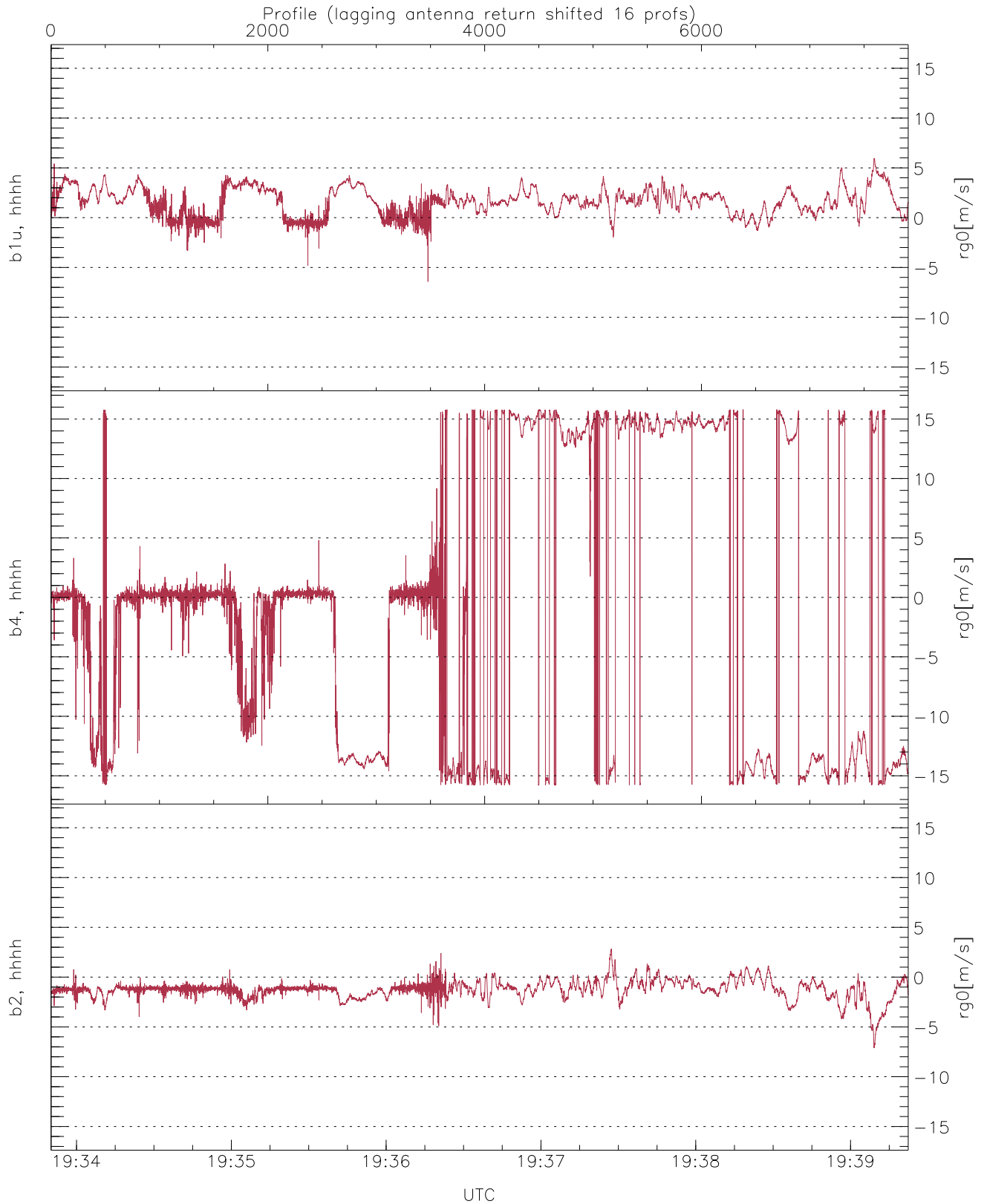
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|--------------------|--------|--------|--------|
| up(hh[dBm]) | -64.44 | -4.83 | -14.02 |
| down-fore(hh[dBm]) | -64.02 | -11.65 | -22.45 |
| down(hh[dBm]) | -63.47 | -5.24 | -17.10 |



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

| | Min | Max | Mean |
|------------------------|--------|-------|------|
| up/down(hh[dB]) | -26.33 | 41.65 | 2.68 |
| down/down-fore(hh[dB]) | -24.78 | 27.17 | 5.06 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|---------------------|--------|-------|-------|-------|
| b1u, hhhh(rg0[m/s]) | -6.42 | 5.97 | 1.59 | 1.40 |
| b4, hhhh(rg0[m/s]) | -15.80 | 15.80 | -0.26 | 11.56 |
| b2, hhhh(rg0[m/s]) | -7.12 | 2.86 | -1.24 | 0.95 |