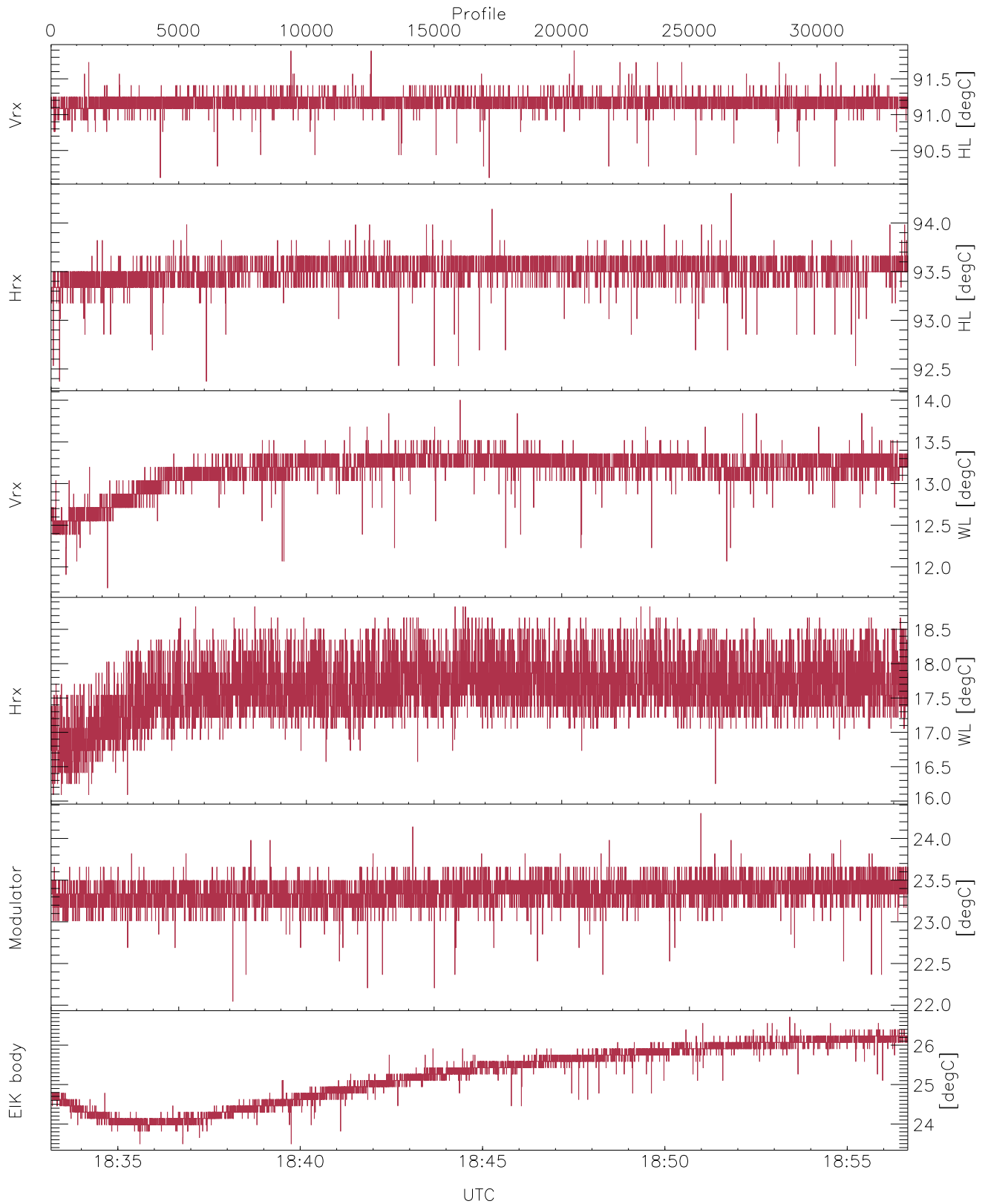


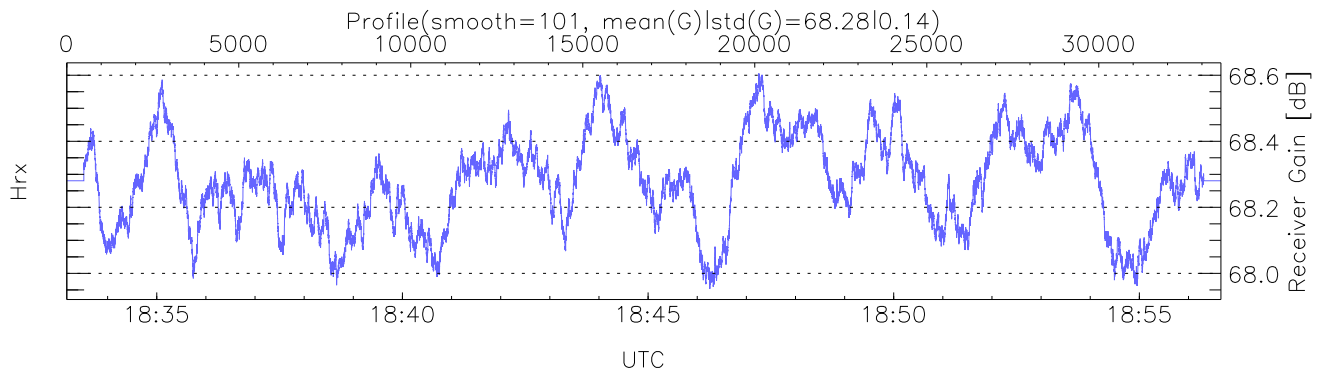
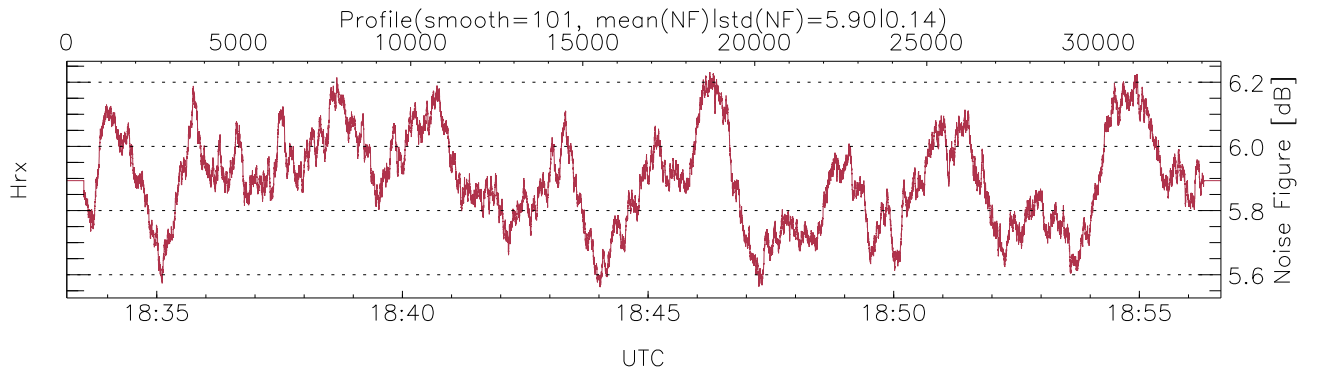
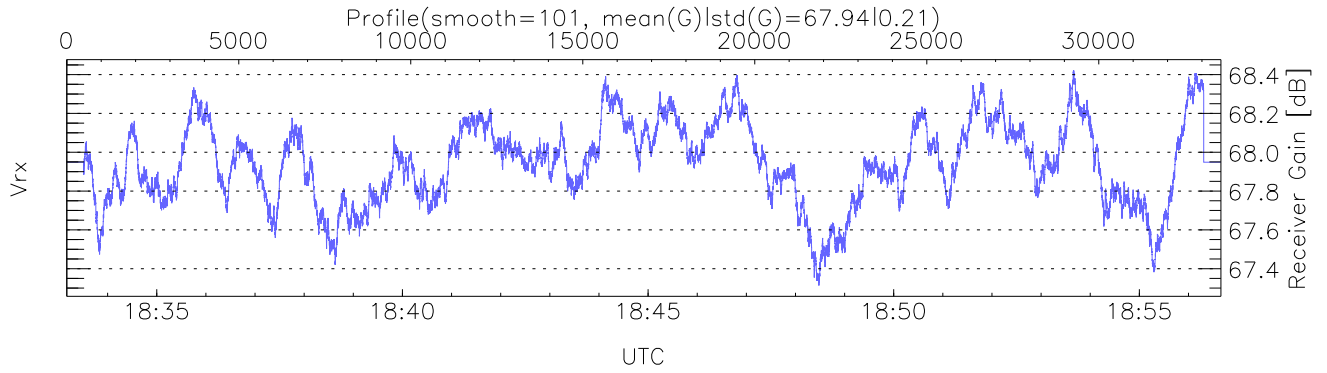
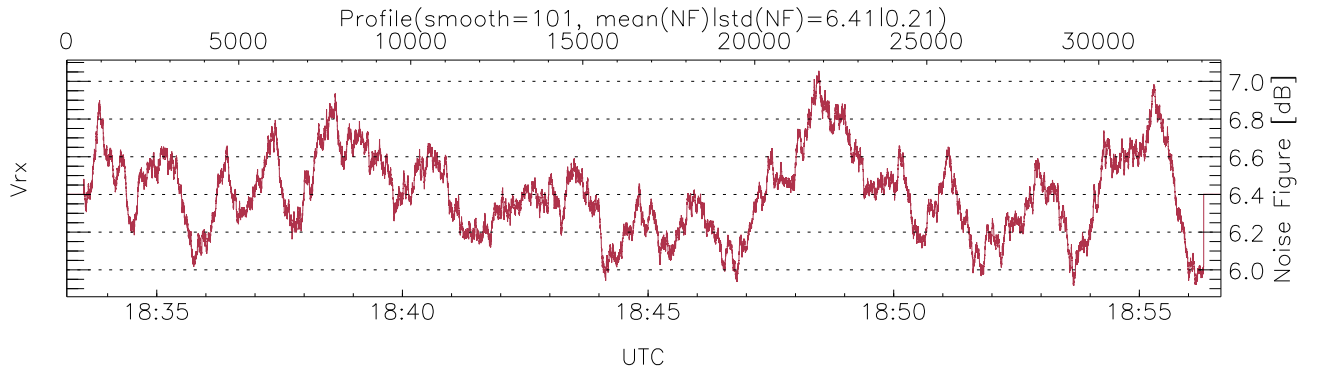
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

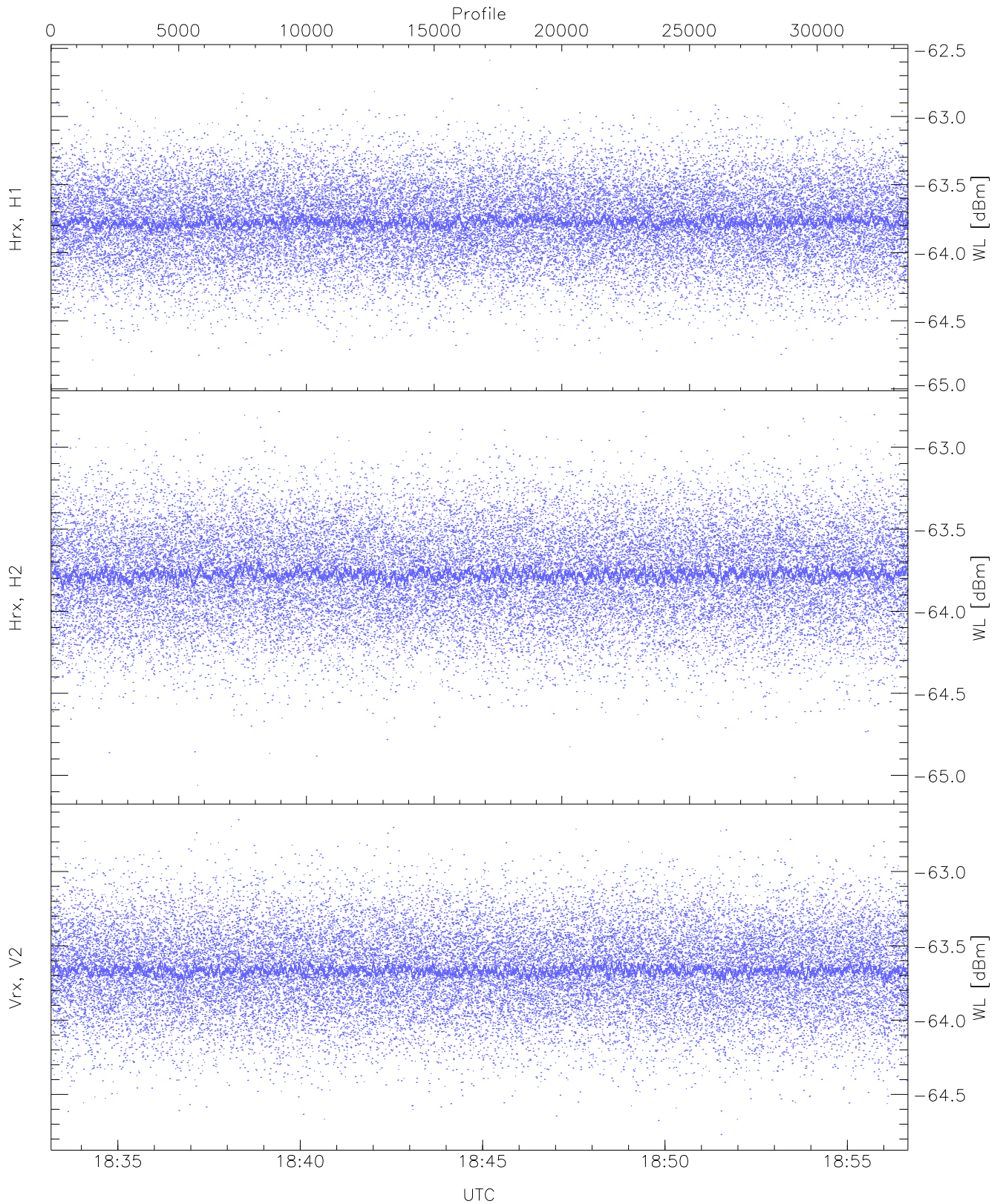
UTC: 18:33:10-18:56:40, Dur: 1409.54s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 33553/33553, 0-33552/18:33:10-18:56:40
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

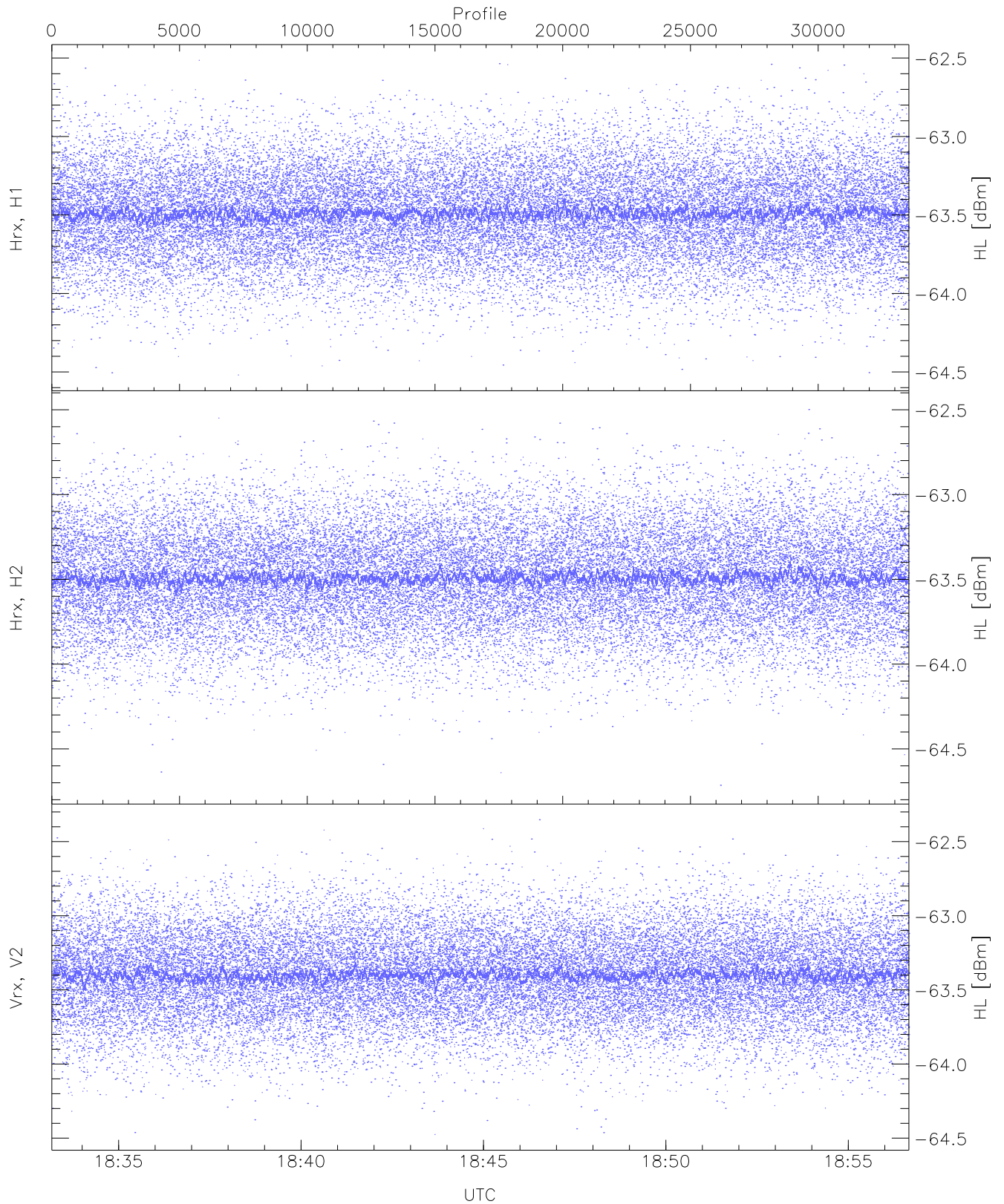
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,11,16,22,23
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,94,14,18,24,26
 LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,37,0
 EIK/Modulator Faults: None





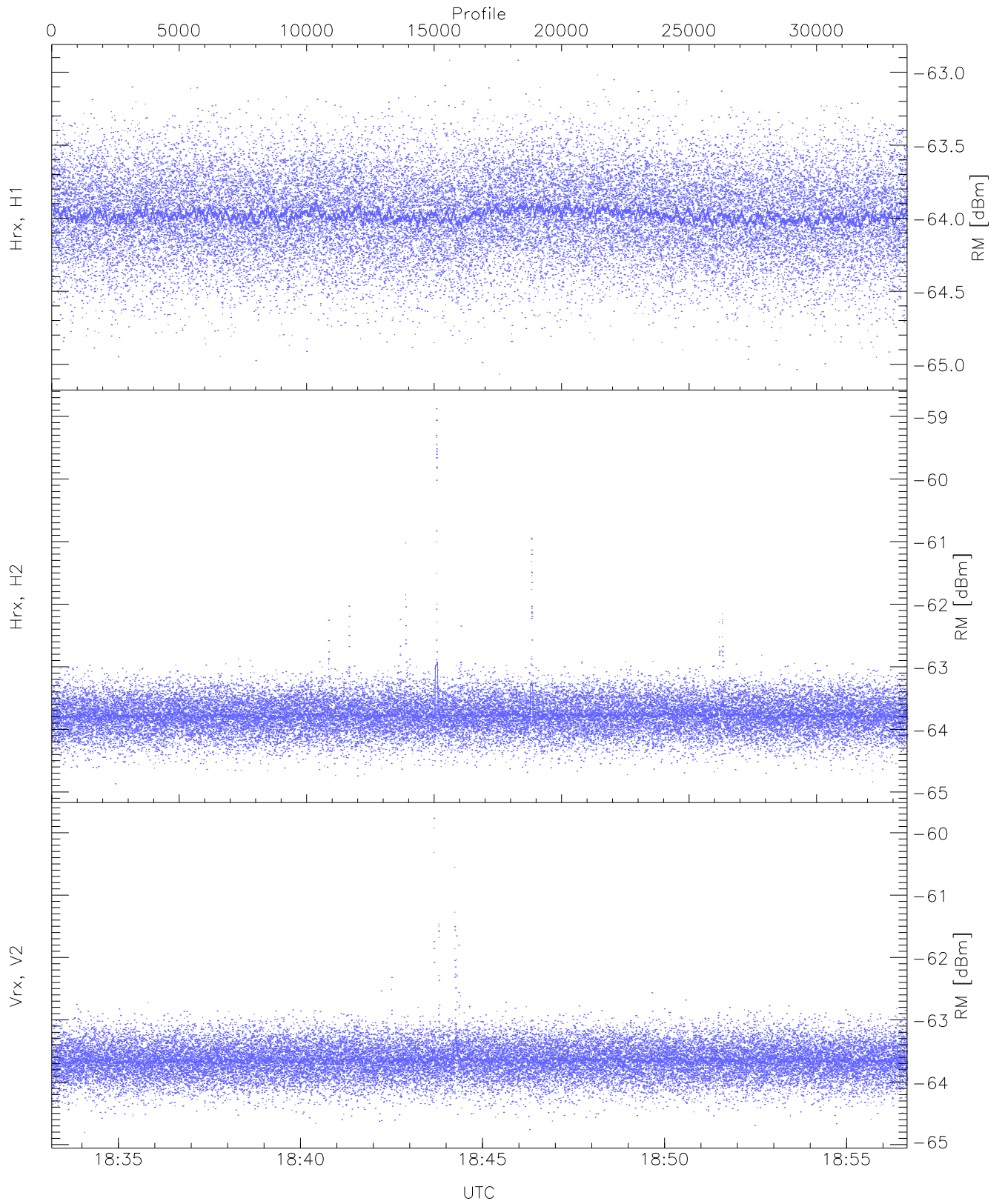
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.90 | -62.59 | -63.77 | -63.77 | -75.90 |
| Hrx, H2 (WL [dBm]) | -65.06 | -62.77 | -63.77 | -63.77 | -75.92 |
| Vrx, V2 (WL [dBm]) | -64.77 | -62.65 | -63.66 | -63.67 | -75.79 |



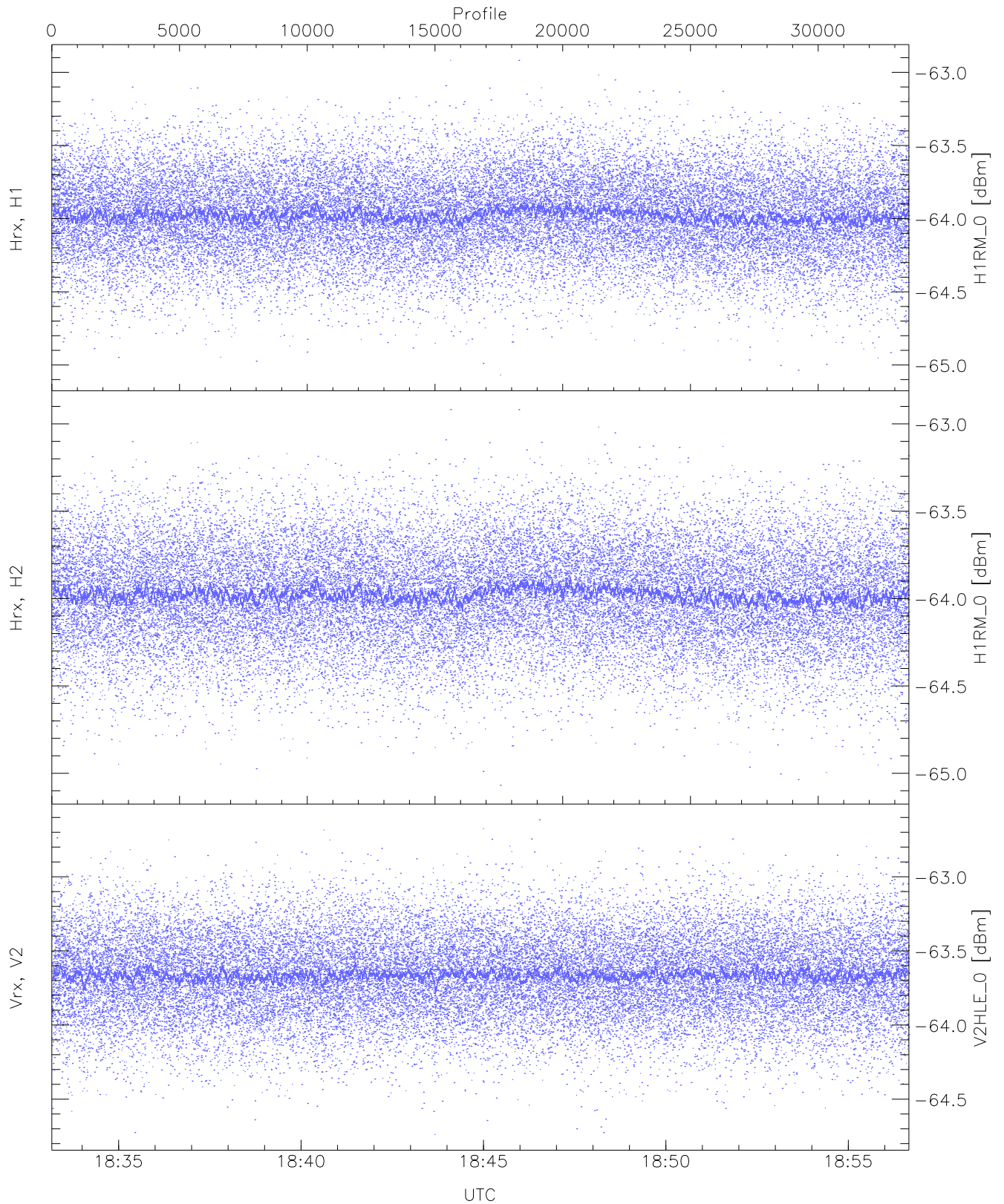
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.52 | -62.51 | -63.49 | -63.49 | -75.63 |
| Hrx, H2 (HL [dBm]) | -64.71 | -62.50 | -63.49 | -63.50 | -75.66 |
| Vrx, V2 (HL [dBm]) | -64.48 | -62.35 | -63.40 | -63.40 | -75.57 |



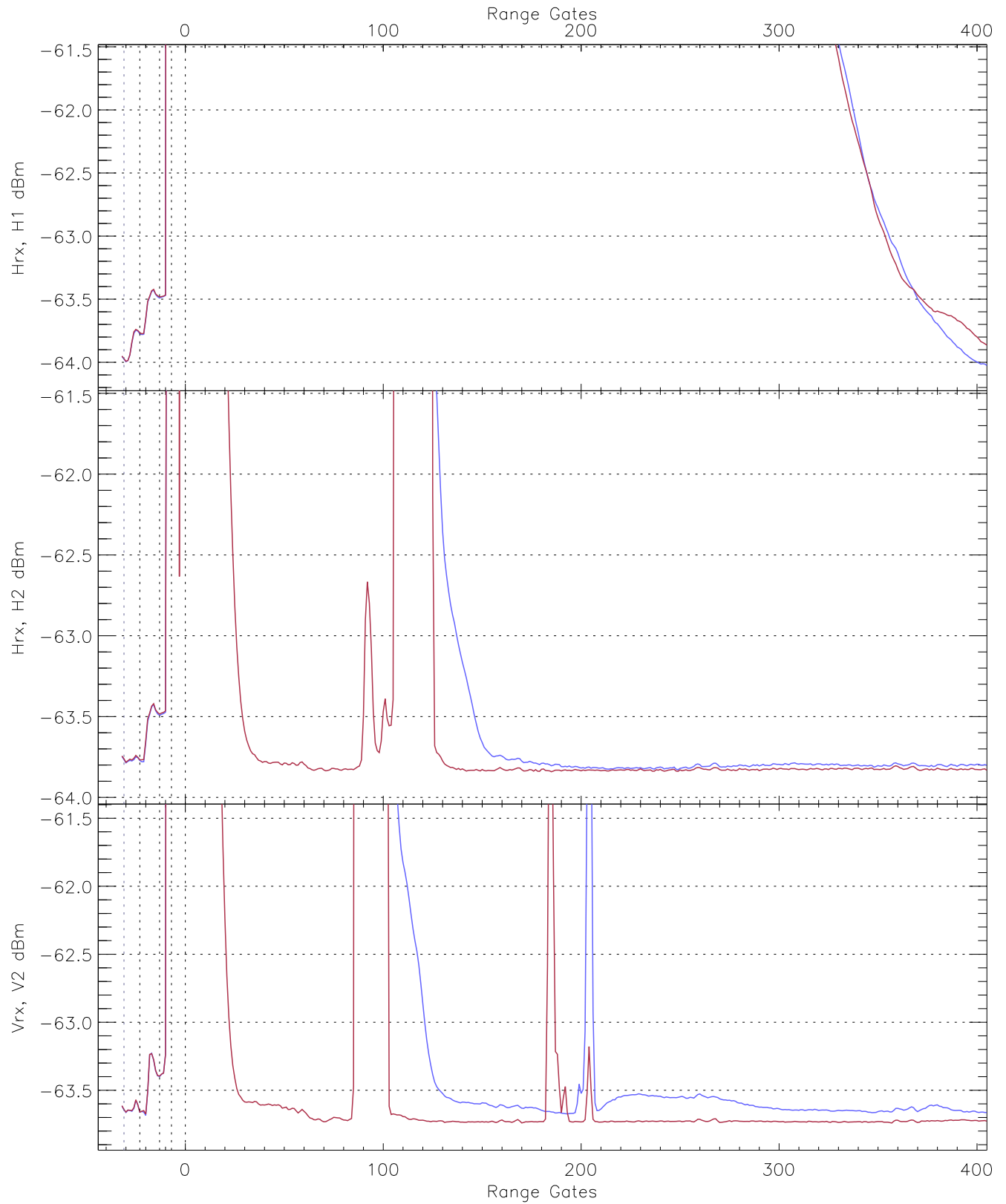
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.07 | -62.92 | -63.97 | -63.98 | -76.13 |
| Hrx, H2 (RM [dBm]) | -64.87 | -58.88 | -63.76 | -63.78 | -75.04 |
| Vrx, V2 (RM [dBm]) | -64.80 | -59.77 | -63.64 | -63.65 | -75.56 |

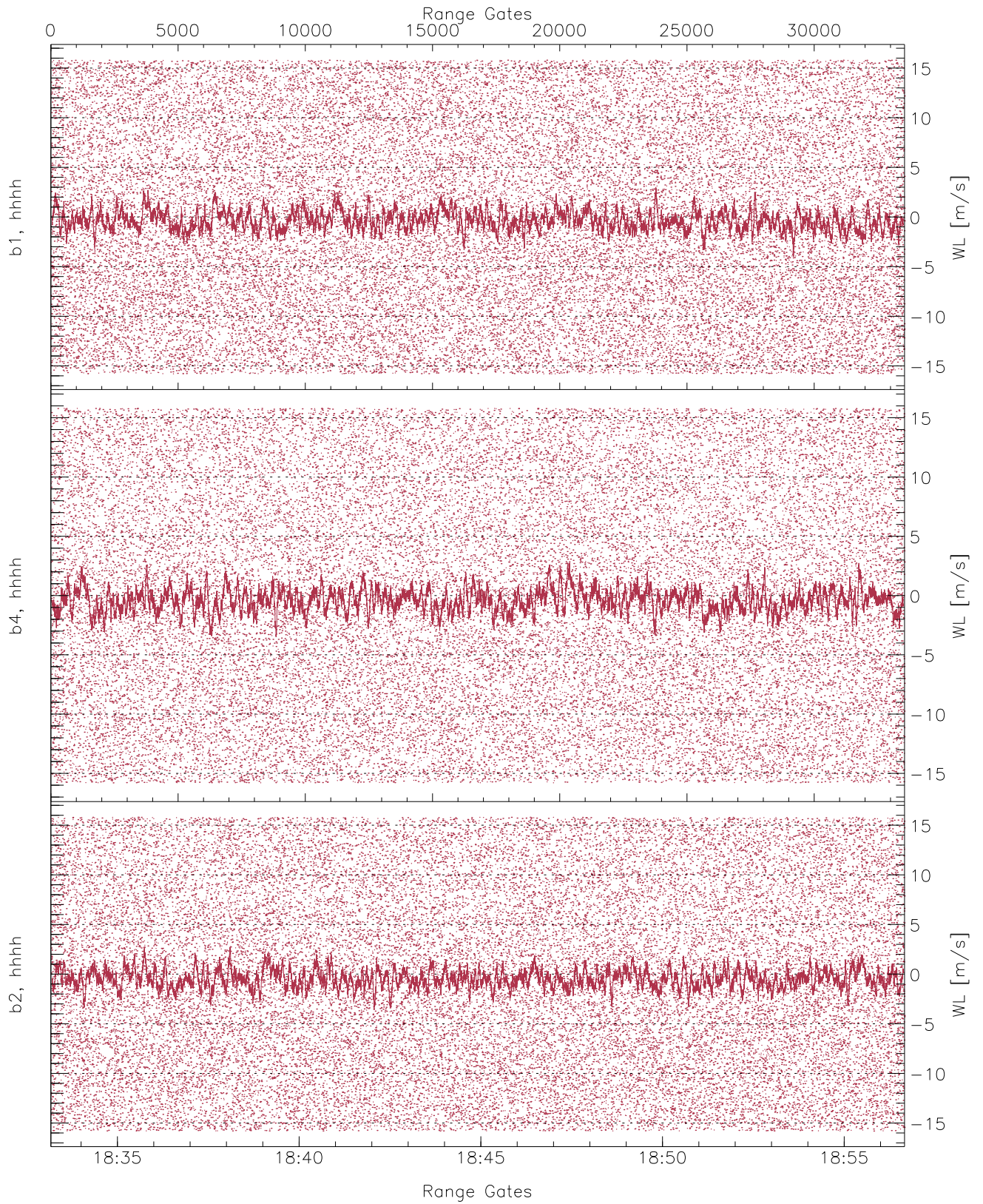


WCR2 CPP "Best" estimate Receivers Noise Power

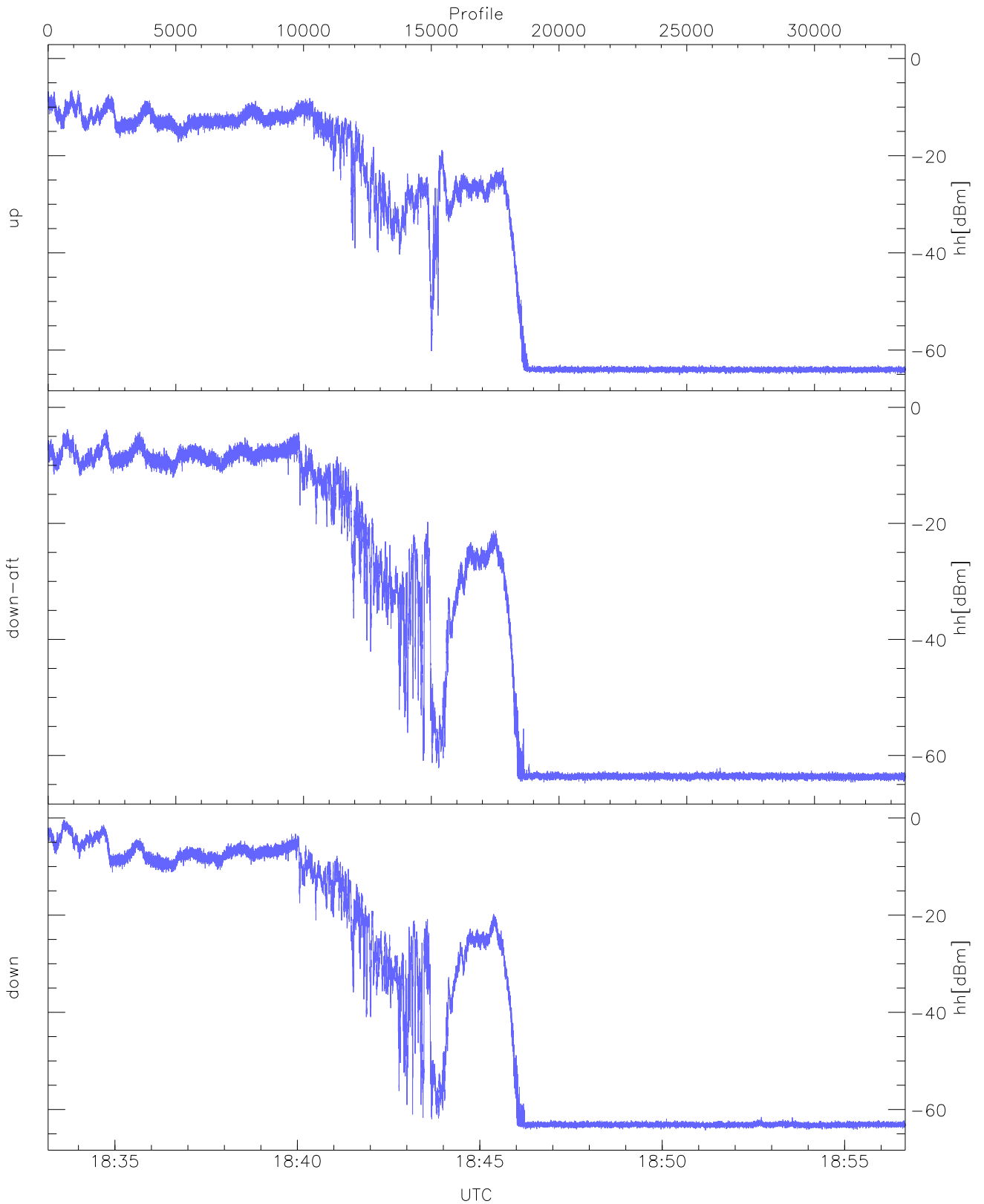
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -65.07 | -62.92 | -63.97 | -63.98 | -76.13 |
| H1RM_0 [dBm] | -65.07 | -62.92 | -63.97 | -63.98 | -76.13 |
| V2HLE_0 [dBm] | -64.74 | -62.62 | -63.66 | -63.66 | -75.84 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 183310-184454, 16777 profiles averaged
red: 184454-185640, 16777 profiles averaged

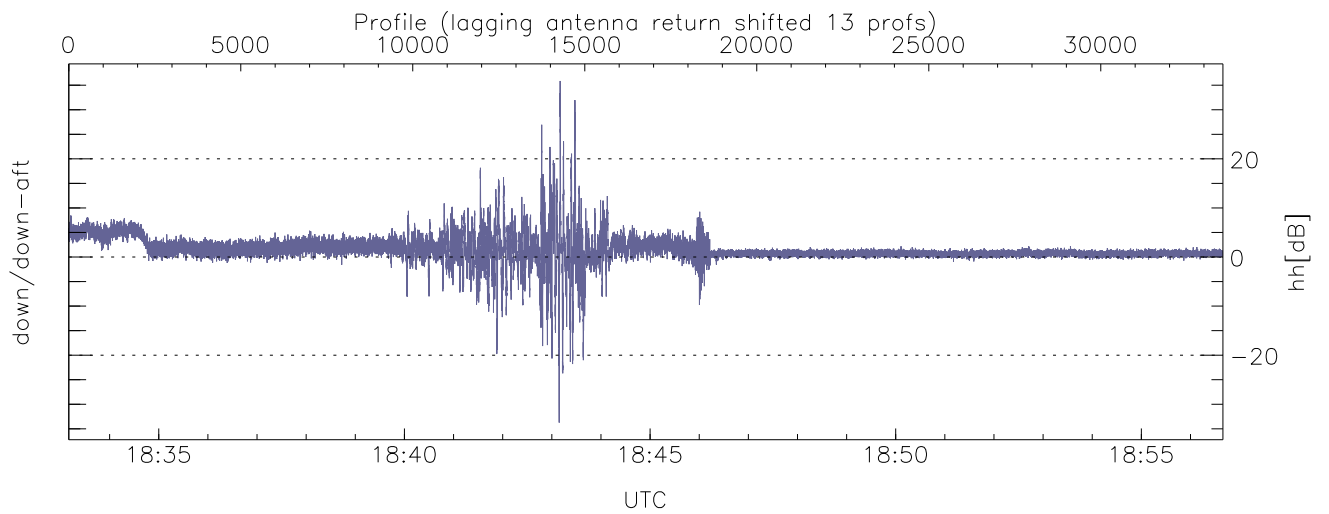
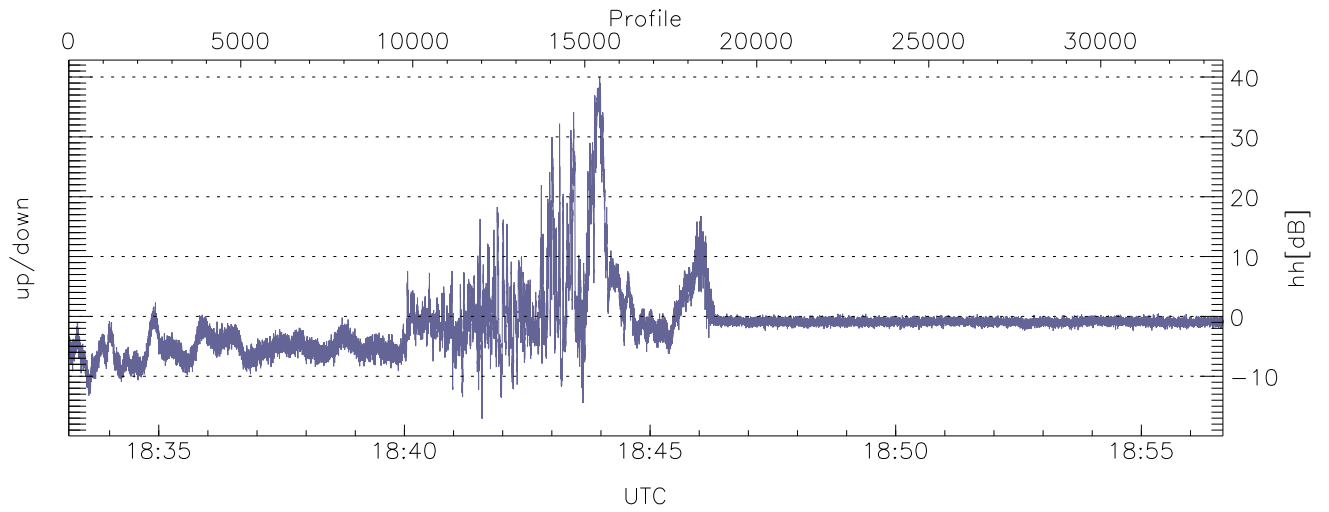


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



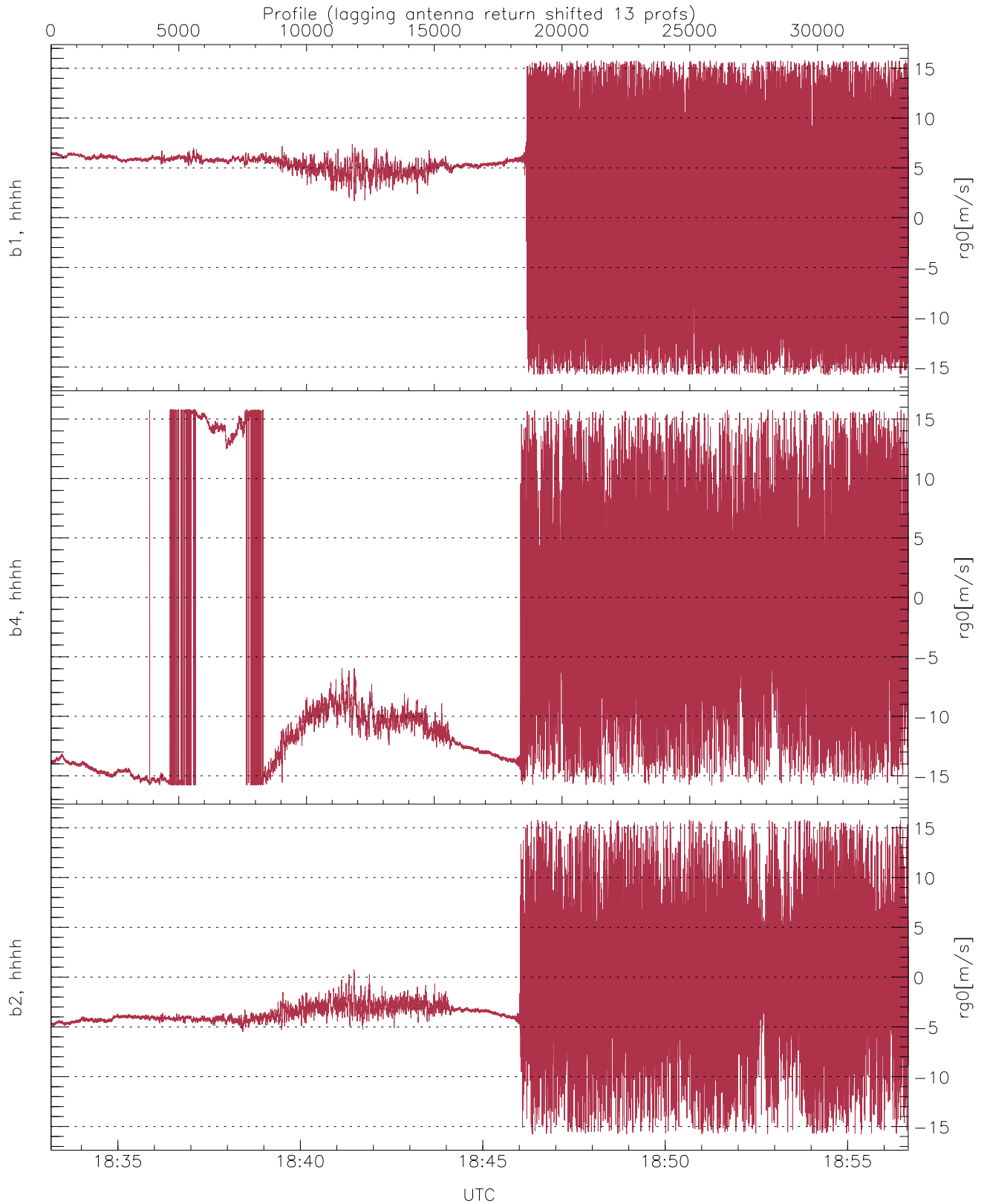
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|-------|--------|
| up(hh[dBm]) | -65.14 | -6.54 | -16.42 |
| down-aft(hh[dBm]) | -64.81 | -3.75 | -12.94 |
| down(hh[dBm]) | -64.29 | -0.37 | -11.27 |



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

| | Min | Max | Mean |
|-----------------------|--------|-------|-------|
| up/down(hh[dB]) | -17.11 | 39.98 | -0.37 |
| down/down-aft(hh[dB]) | -33.74 | 35.87 | 1.47 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -15.80 | 15.80 | 3.13 | 6.42 |
| b4, hhhh(rg0[m/s]) | -15.80 | 15.80 | -4.83 | 9.39 |
| b2, hhhh(rg0[m/s]) | -15.79 | 15.79 | -2.18 | 4.24 |