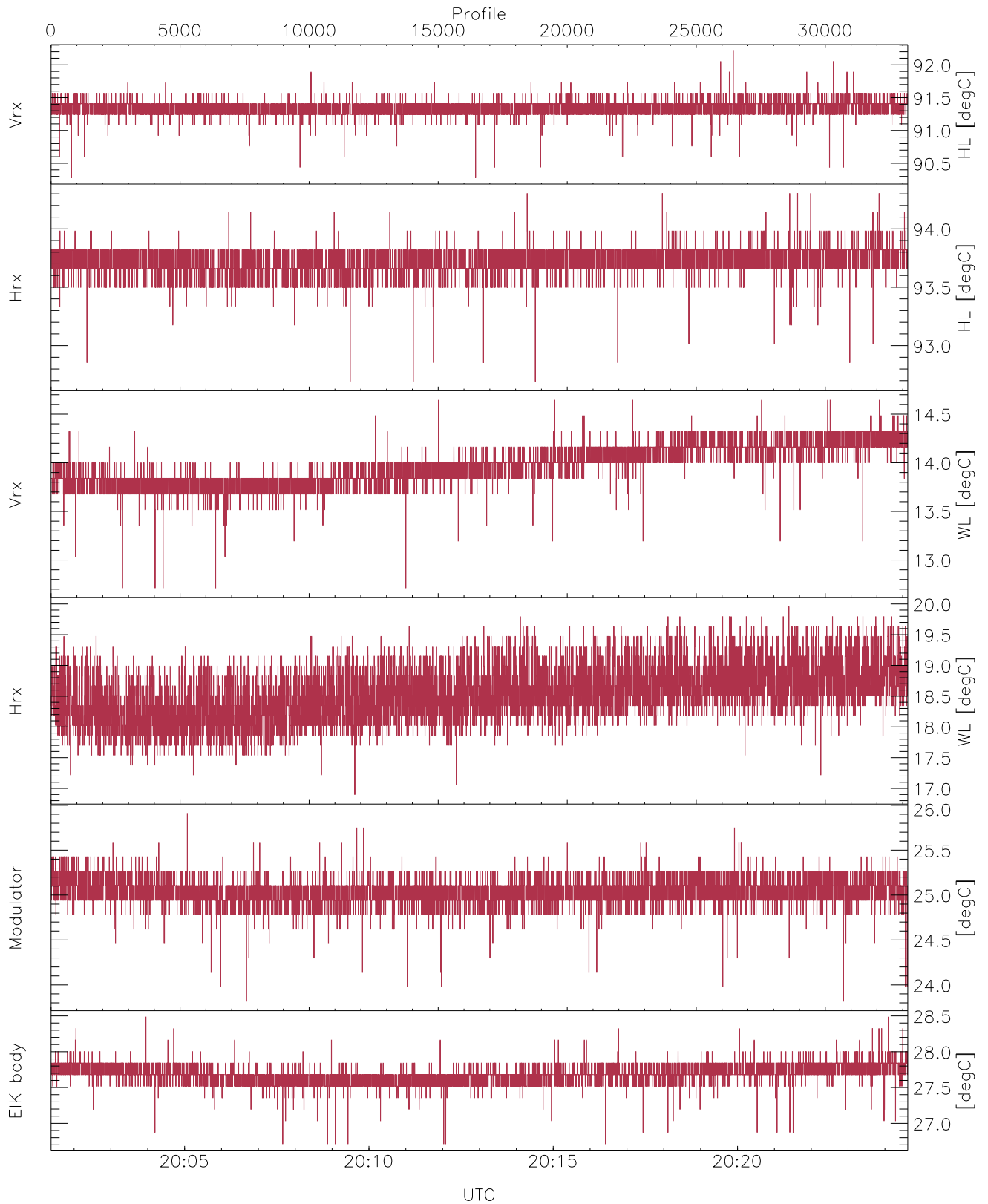


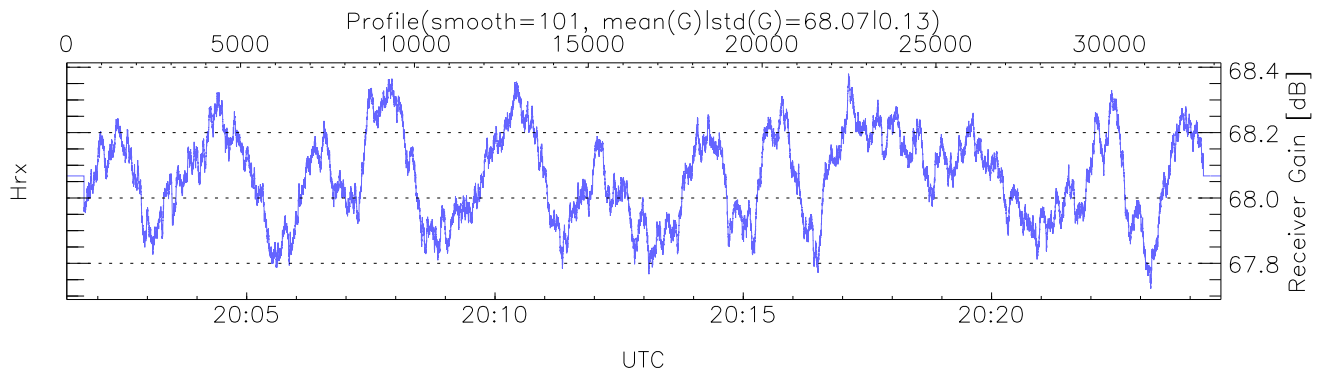
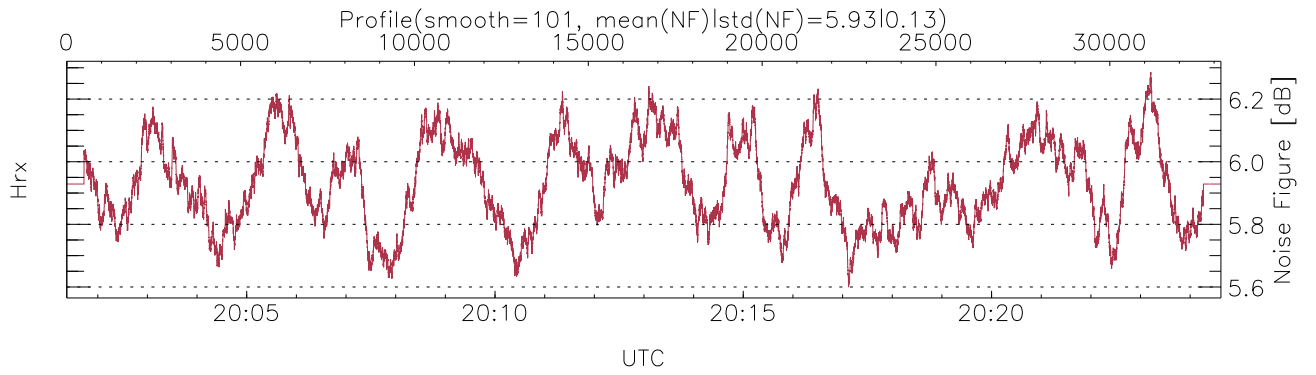
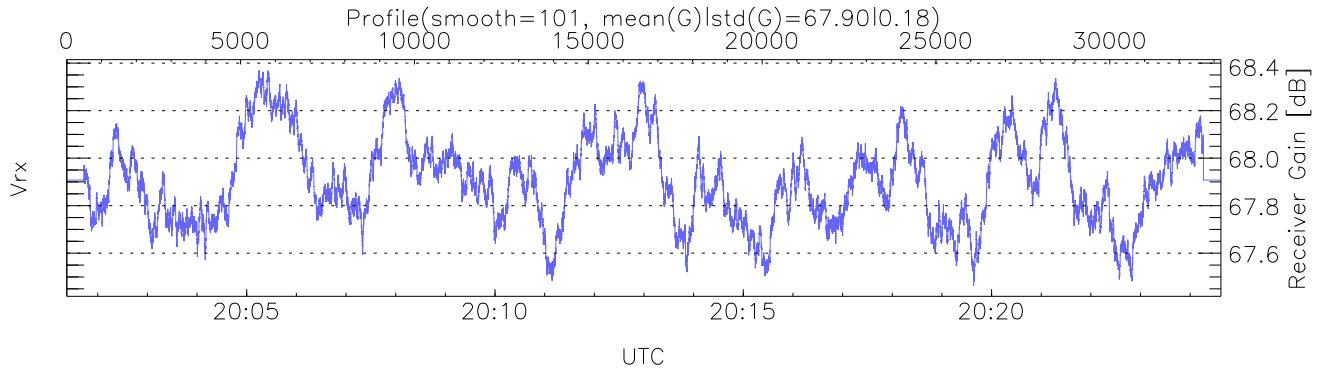
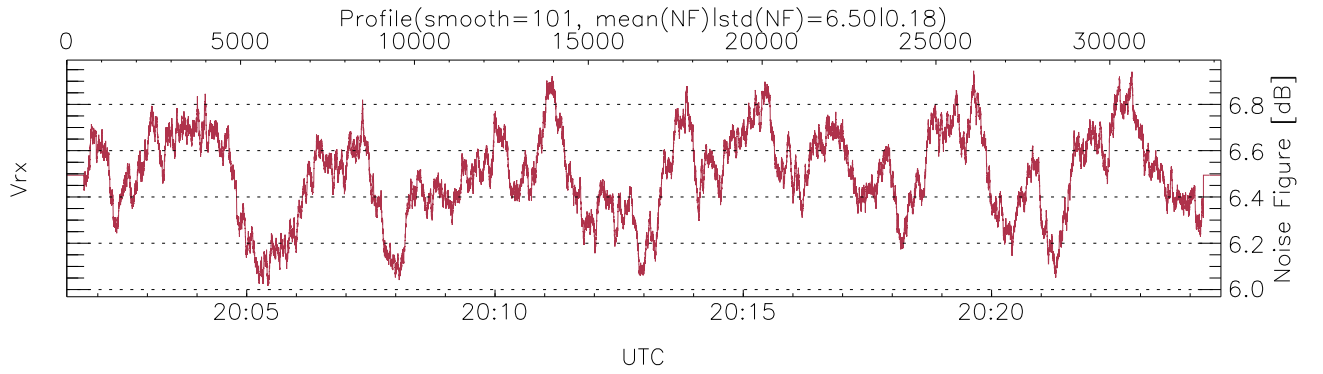
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

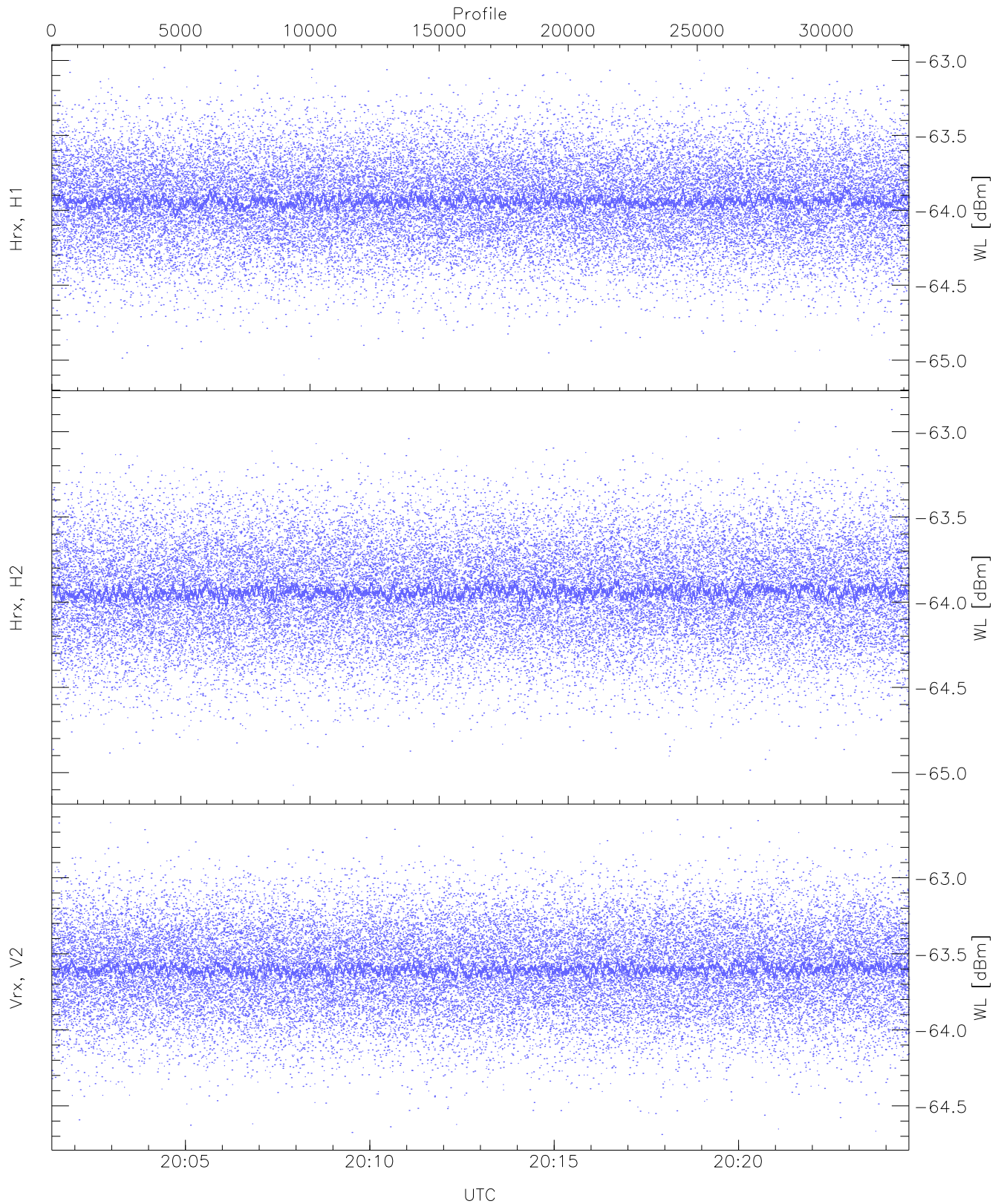
UTC: 20:01:23-20:24:37, Dur: 1394.62s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 33198/33198, 0-33197/20:01:23-20:24:37
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

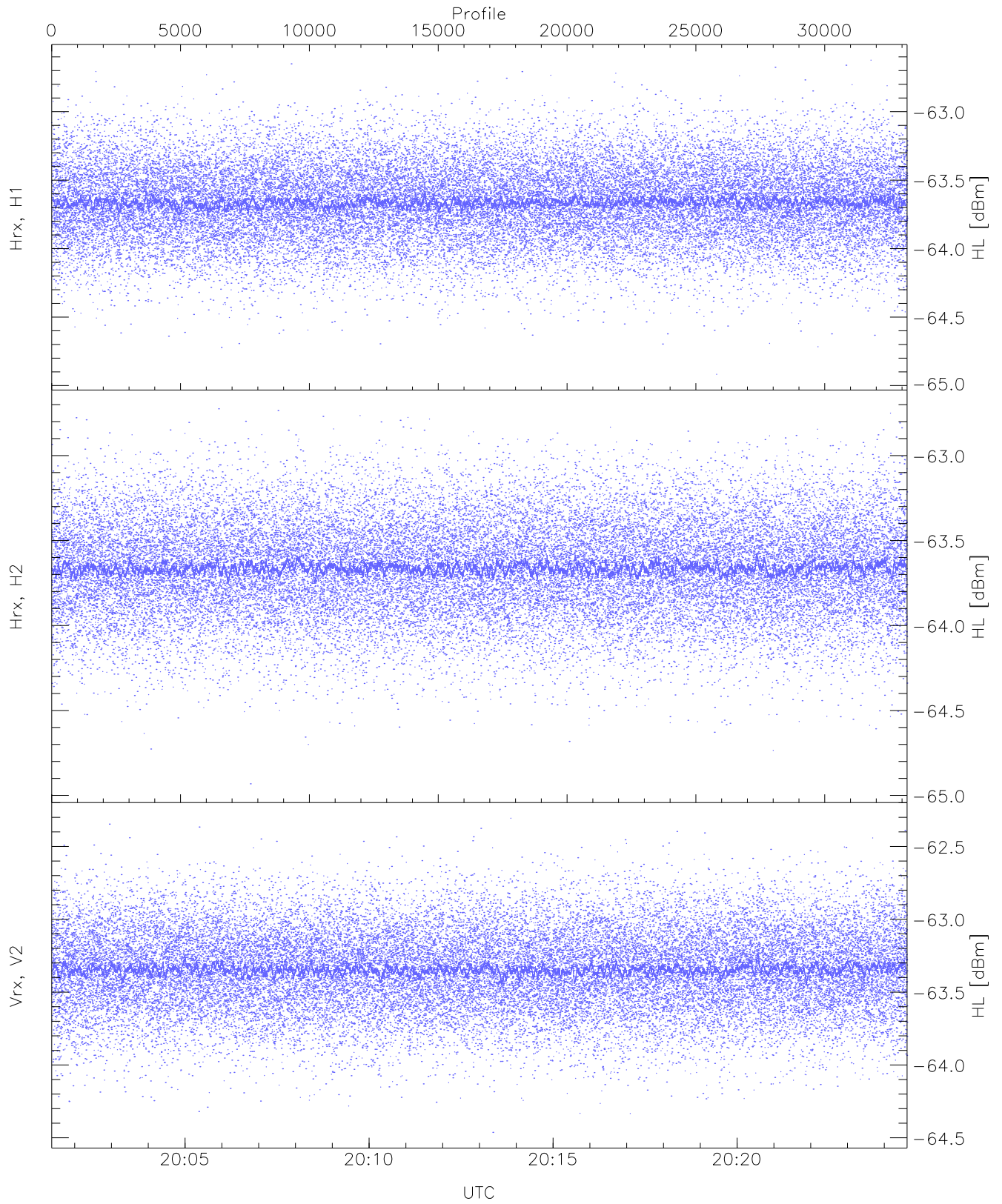
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,12,16,23,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,14,19,25,28`
`LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,43,0`
`EIK/Modulator Faults: None`





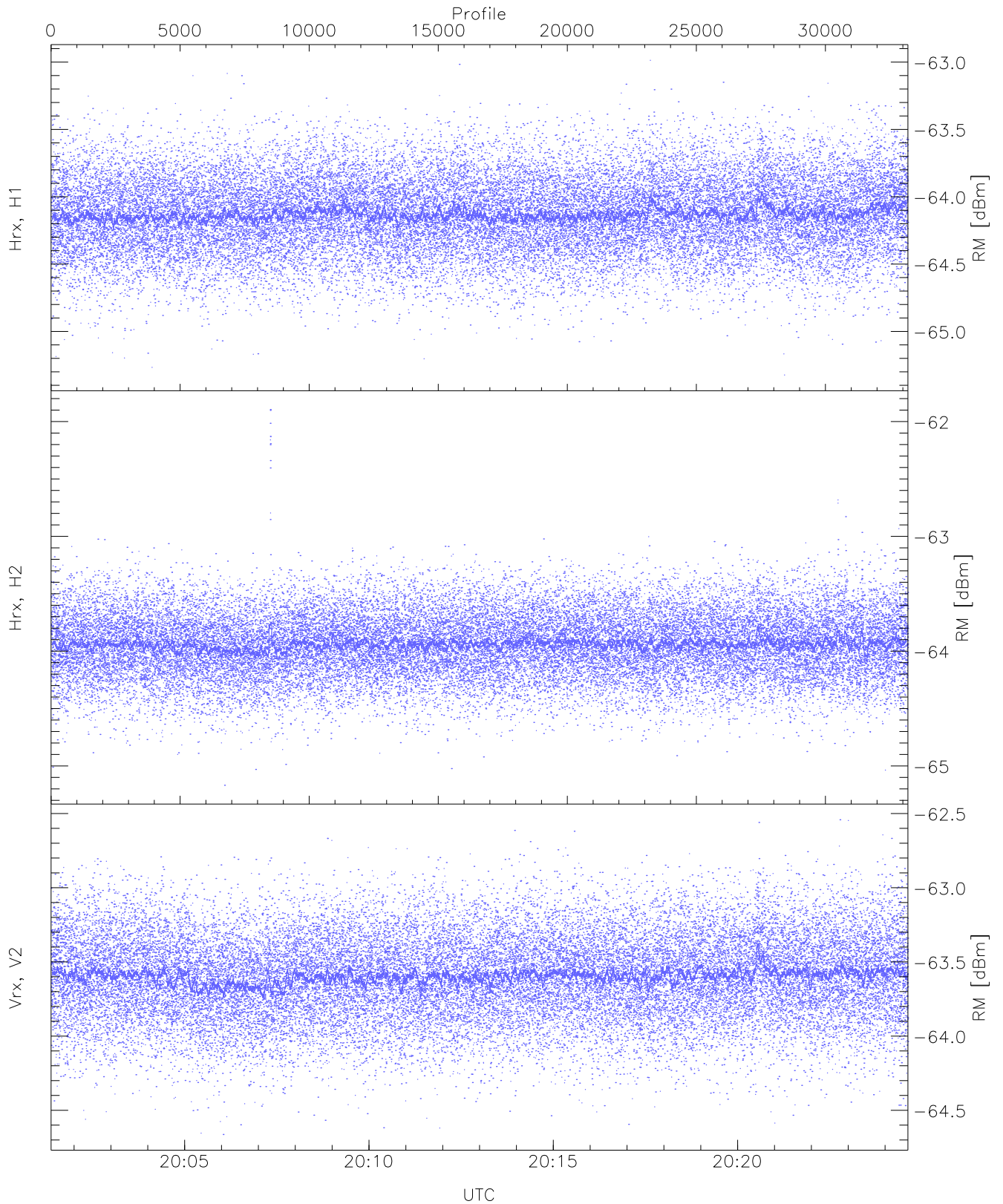
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(WL [dBm]) | -65.10 | -63.00 | -63.93 | -63.94 | -76.10 |
| Hrx, H2(WL [dBm]) | -65.07 | -62.87 | -63.93 | -63.94 | -76.08 |
| Vrx, V2(WL [dBm]) | -64.69 | -62.62 | -63.60 | -63.60 | -75.79 |



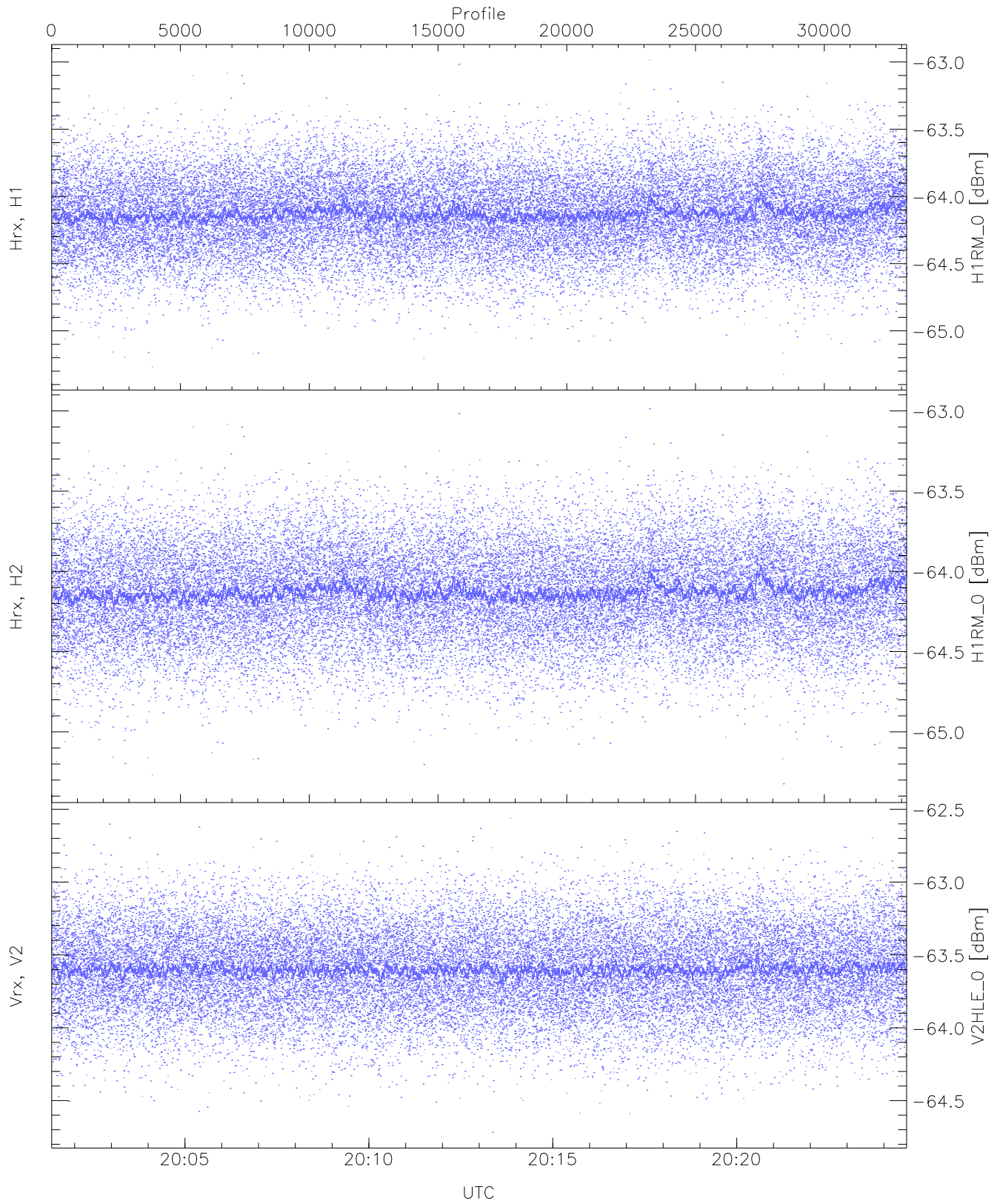
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.92 | -62.62 | -63.66 | -63.66 | -75.80 |
| Hrx, H2 (HL [dBm]) | -64.93 | -62.72 | -63.66 | -63.66 | -75.80 |
| Vrx, V2 (HL [dBm]) | -64.46 | -62.31 | -63.34 | -63.35 | -75.47 |



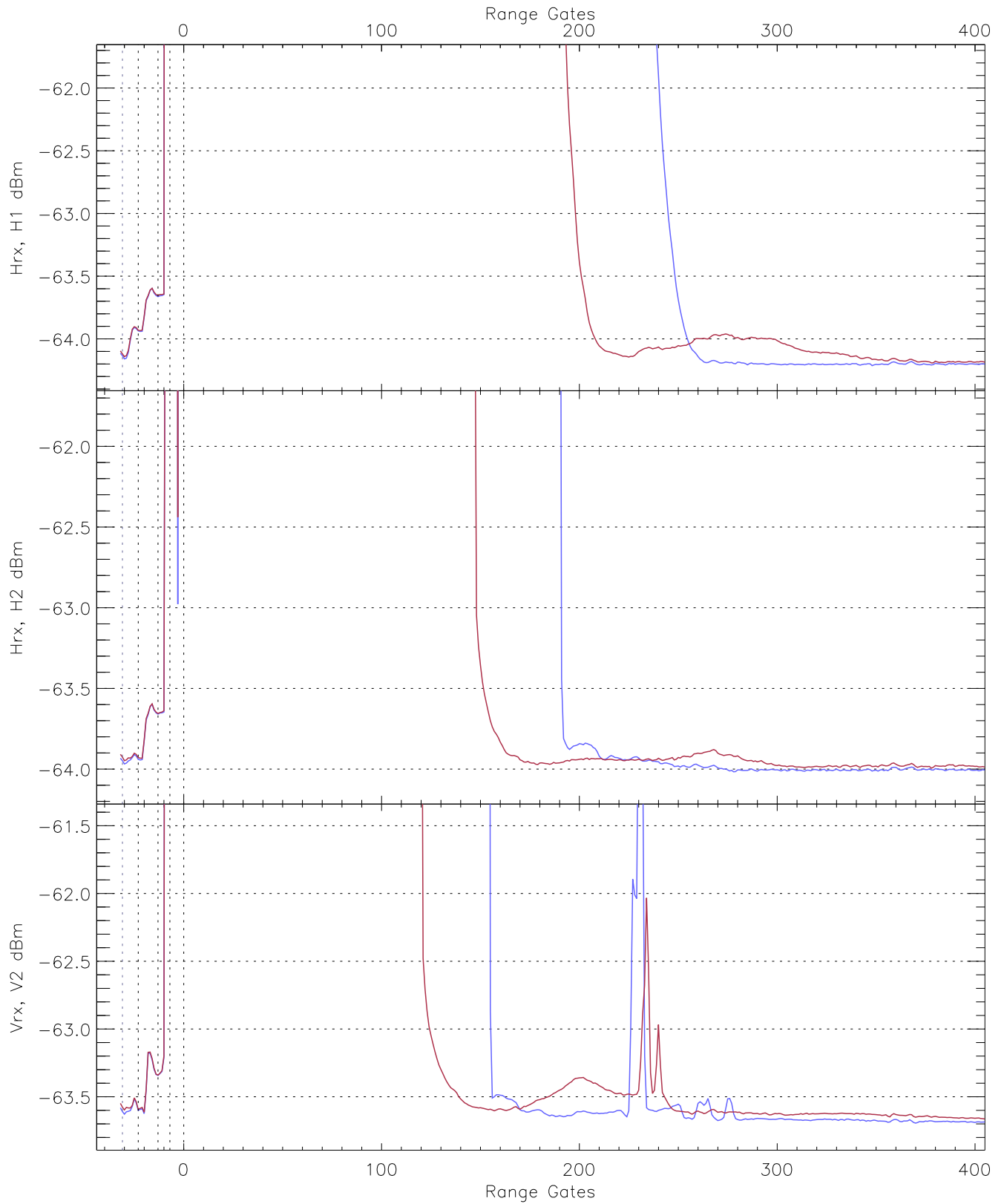
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.32 | -62.99 | -64.13 | -64.13 | -76.23 |
| Hrx, H2 (RM [dBm]) | -65.17 | -61.90 | -63.94 | -63.94 | -76.00 |
| Vrx, V2 (RM [dBm]) | -64.66 | -62.54 | -63.59 | -63.60 | -75.67 |

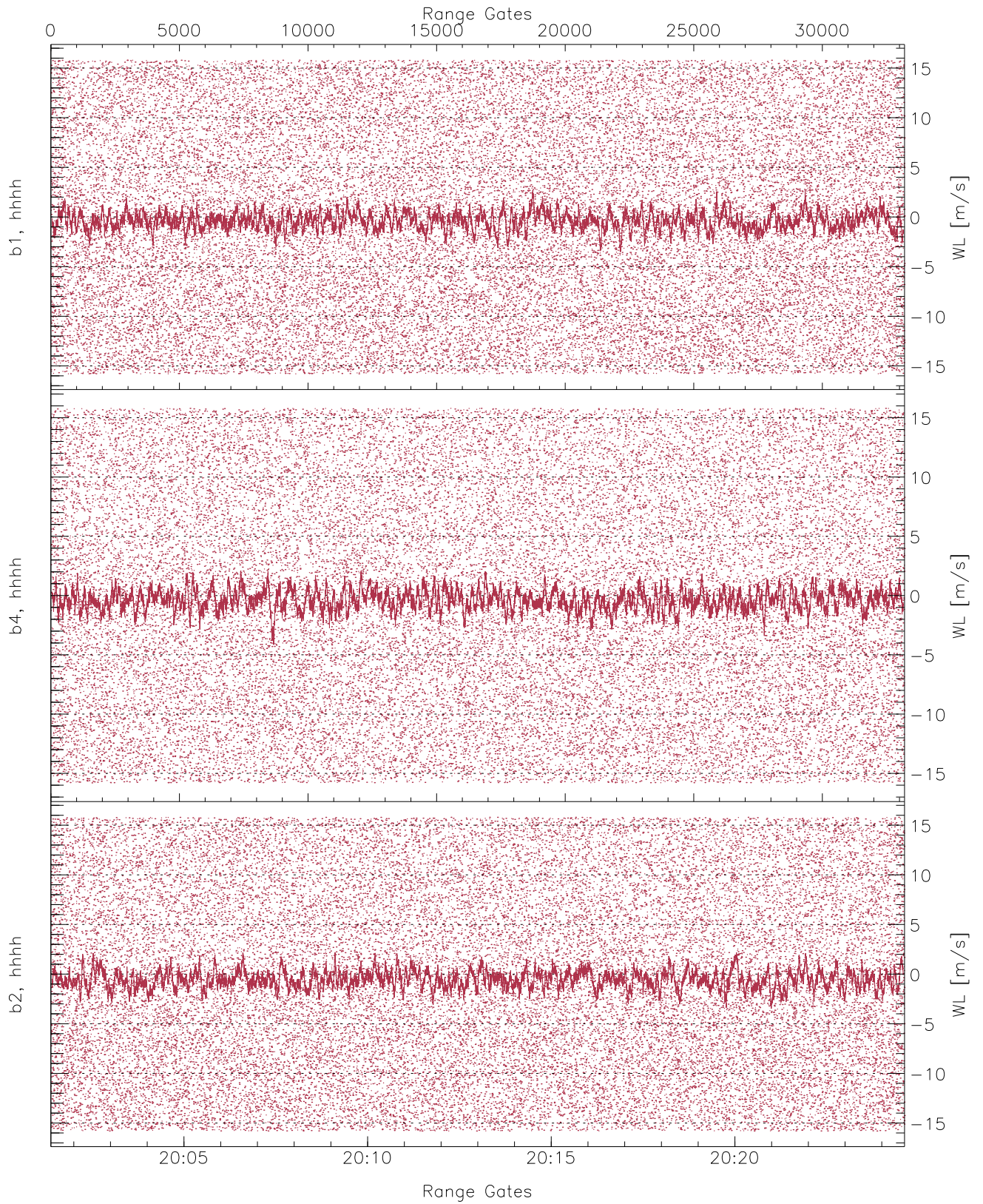


WCR2 CPP "Best" estimate Receivers Noise Power

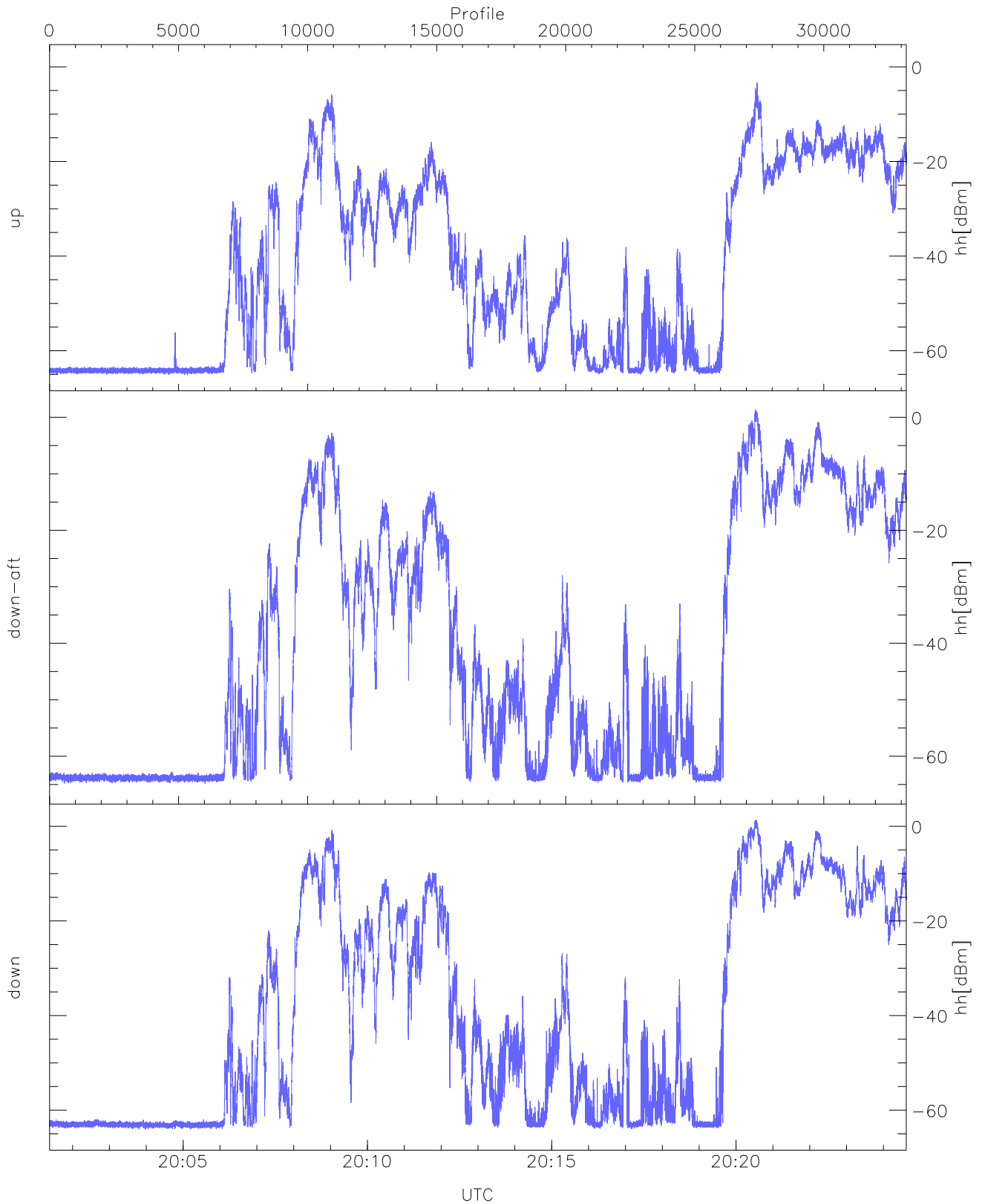
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -65.32 | -62.99 | -64.13 | -64.13 | -76.23 |
| H1RM_0 [dBm] | -65.32 | -62.99 | -64.13 | -64.13 | -76.23 |
| V2HLE_0 [dBm] | -64.72 | -62.56 | -63.60 | -63.60 | -75.73 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 200123-201259, 16600 profiles averaged
red: 201259-202437, 16599 profiles averaged

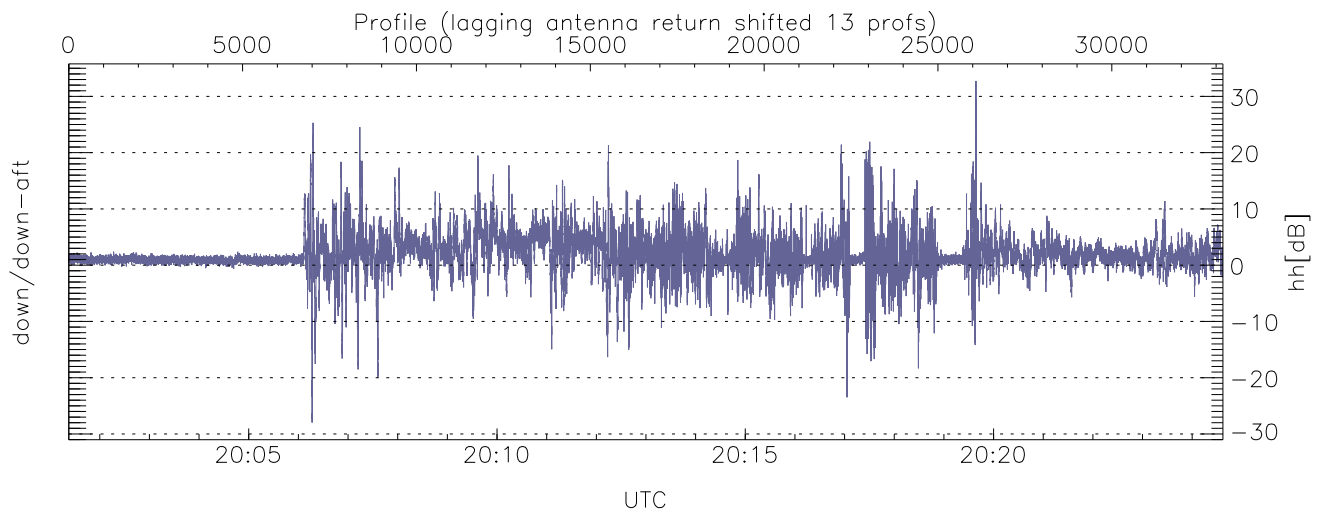
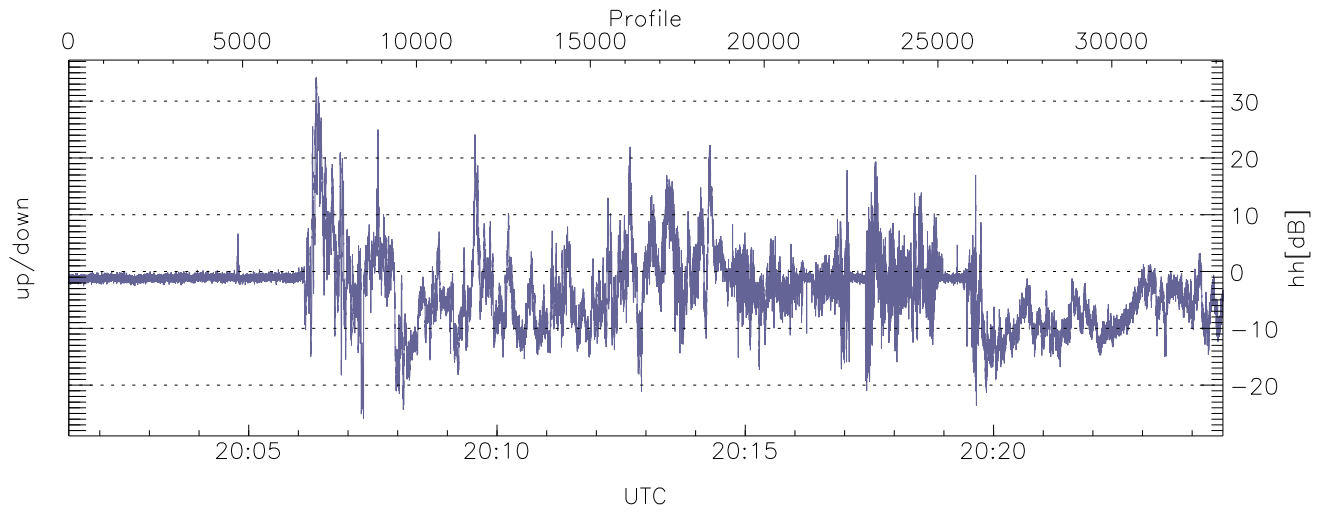


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



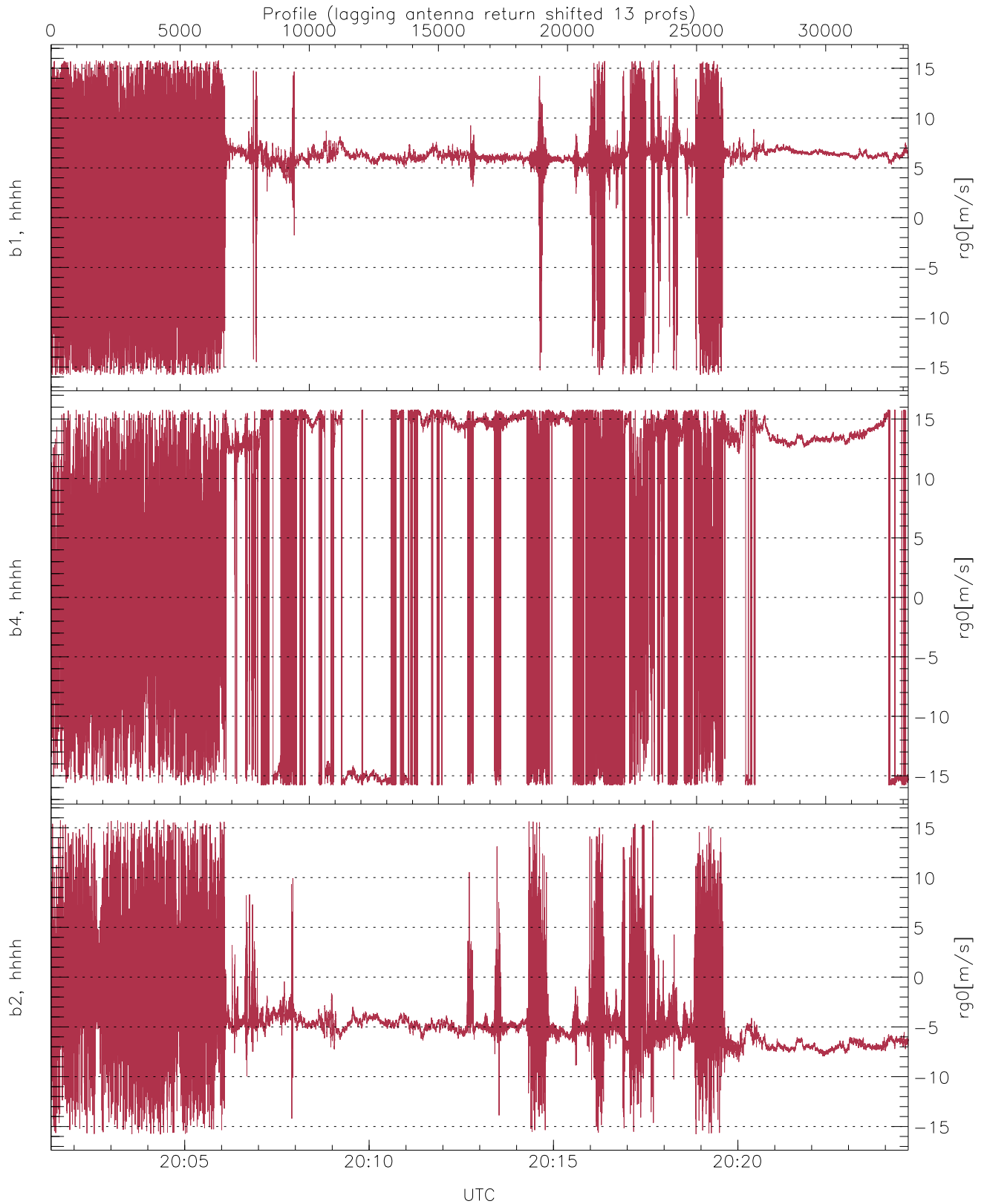
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|-------|--------|
| up(hh[dBm]) | -65.13 | -3.38 | -21.28 |
| down-aft(hh[dBm]) | -64.82 | 1.38 | -14.46 |
| down(hh[dBm]) | -64.07 | 1.33 | -13.41 |



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

| | Min | Max | Mean |
|-----------------------|--------|-------|-------|
| up/down(hh[dB]) | -25.94 | 34.23 | -2.27 |
| down/down-aft(hh[dB]) | -27.99 | 32.75 | 1.93 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -15.80 | 15.80 | 4.76 | 5.14 |
| b4, hhhh(rg0[m/s]) | -15.80 | 15.80 | 5.14 | 11.69 |
| b2, hhhh(rg0[m/s]) | -15.79 | 15.80 | -3.92 | 3.85 |