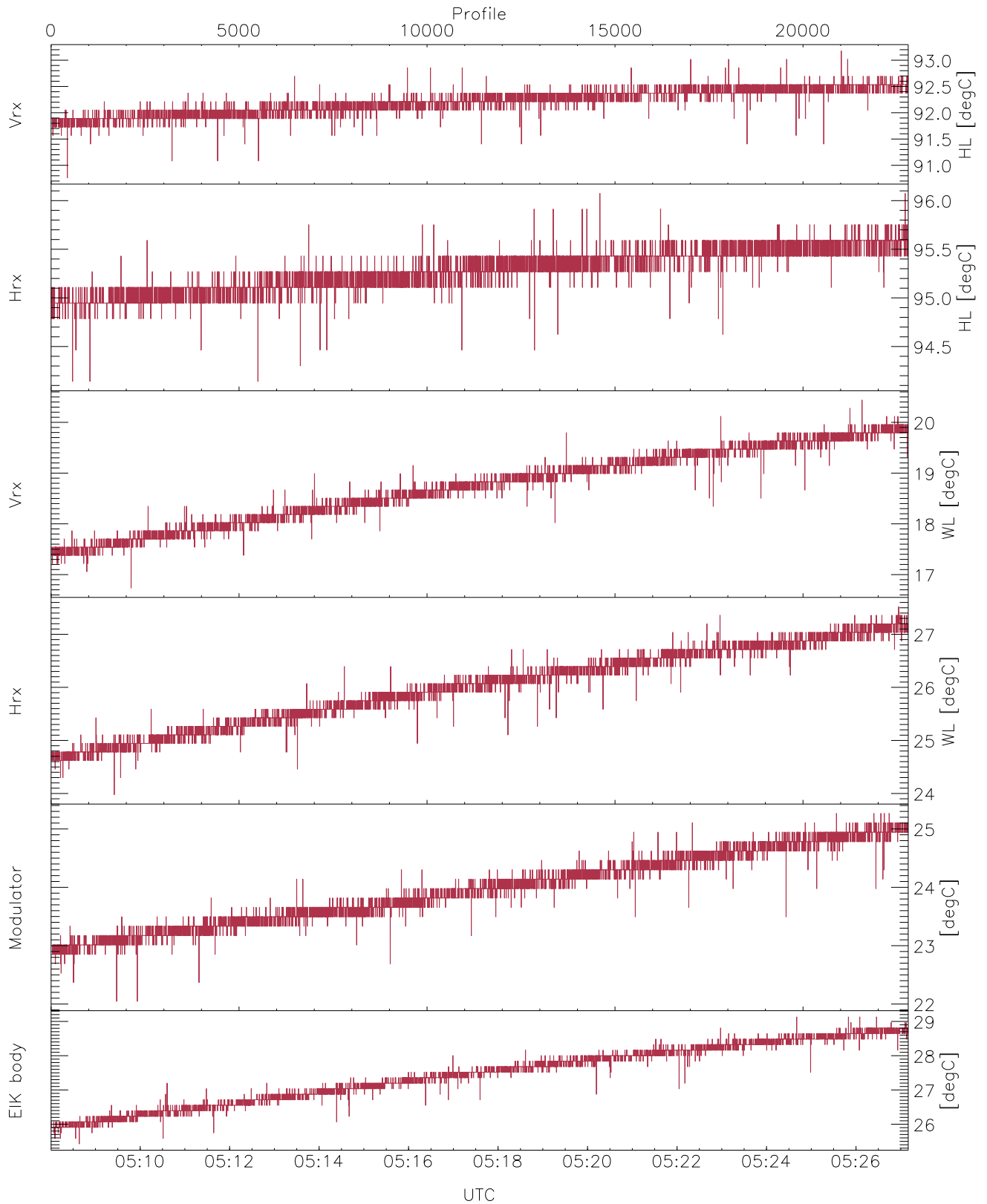


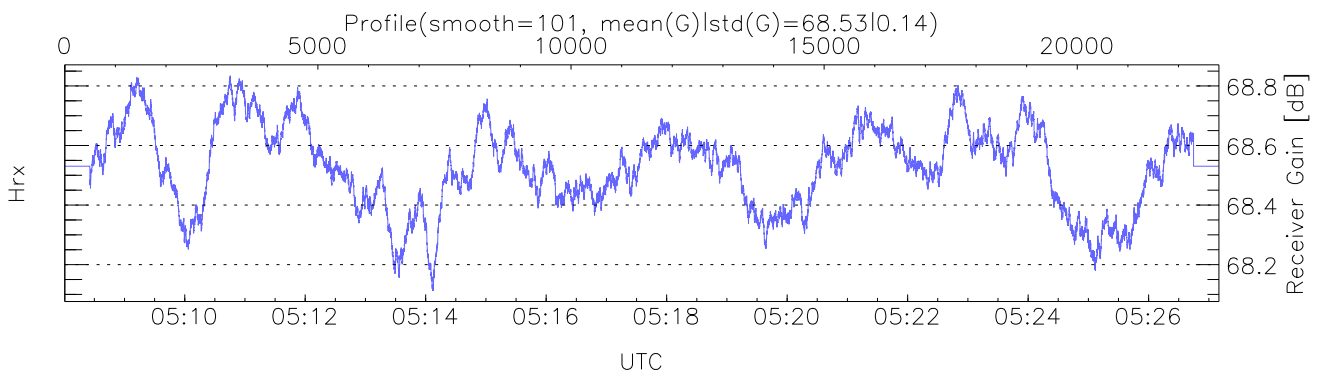
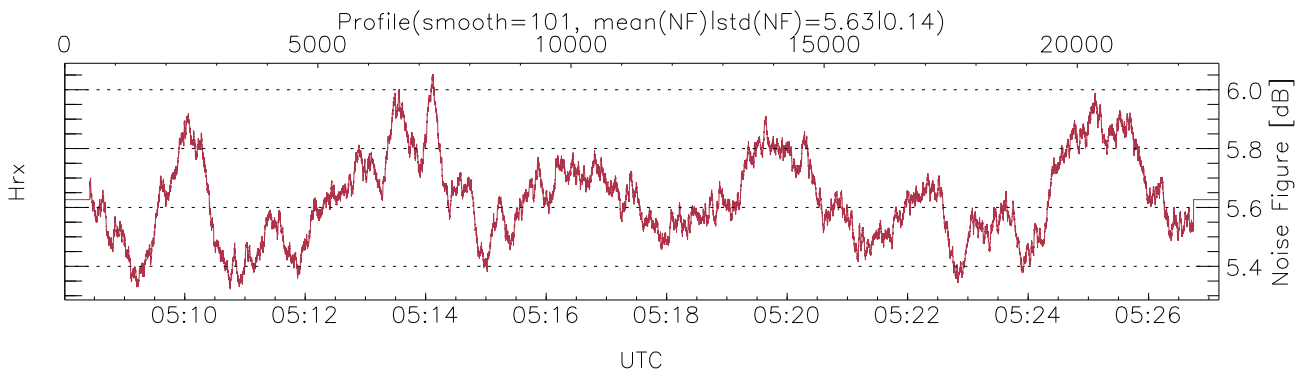
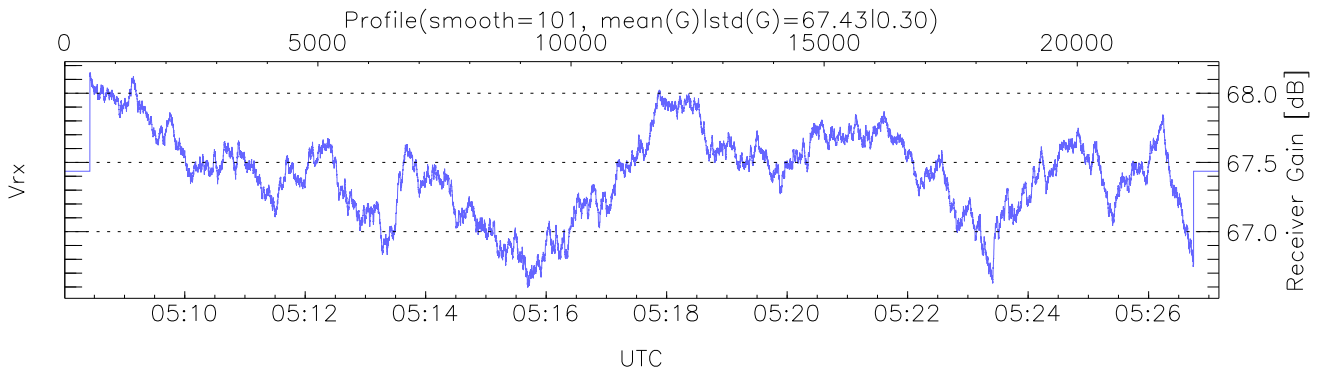
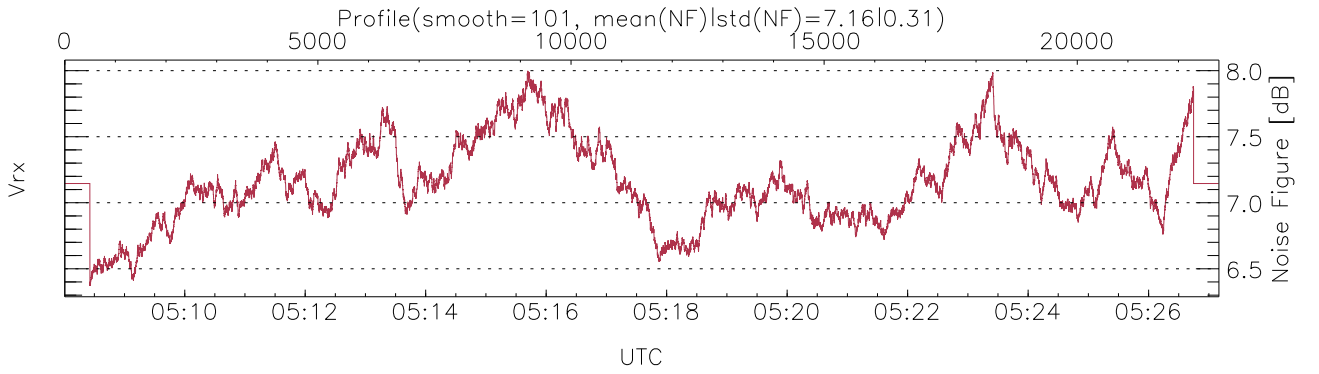
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

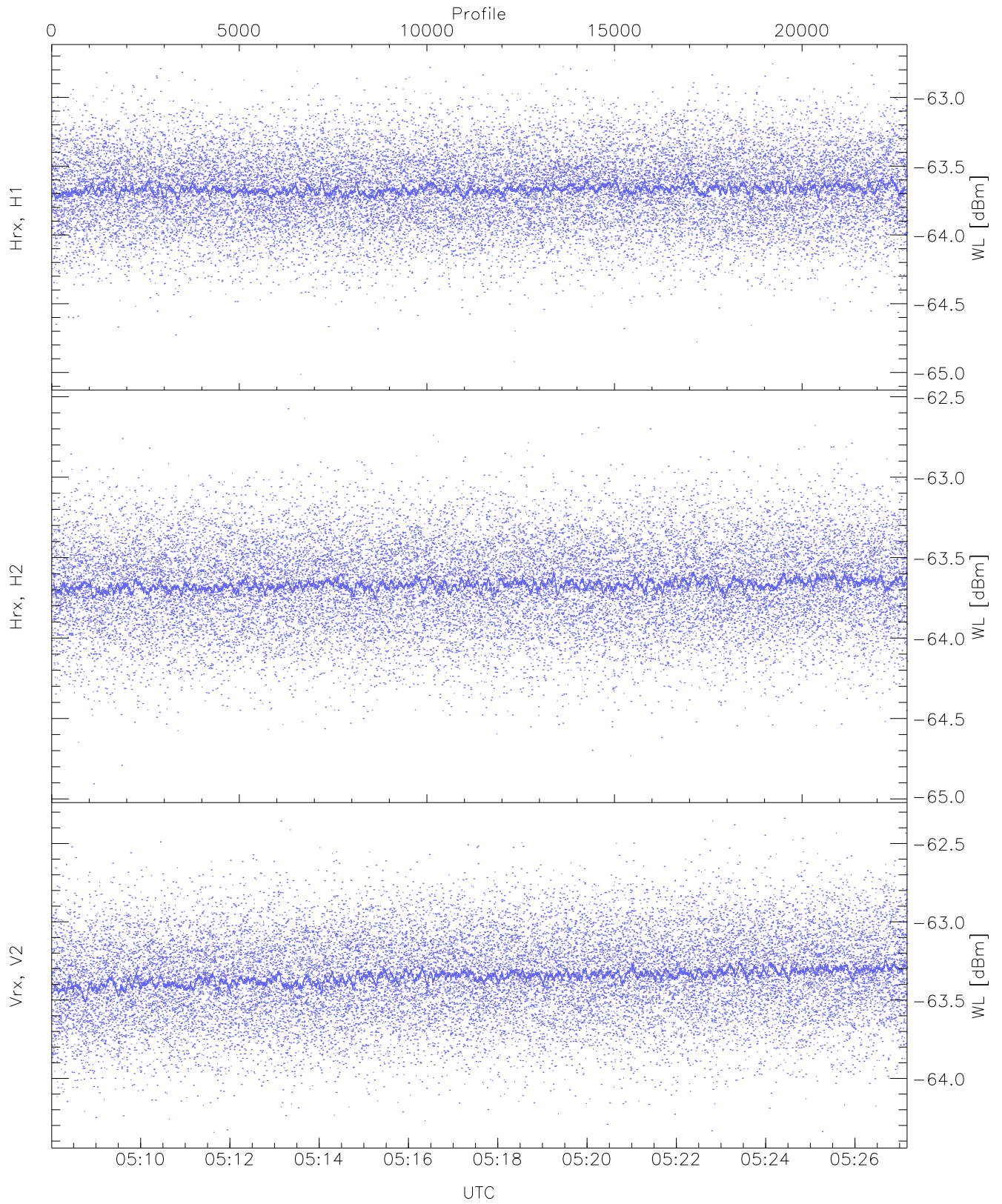
UTC: 05:08:01-05:34:43, Dur: 1602.13s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/31776, 0-22799/05:08:01-05:27:10
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

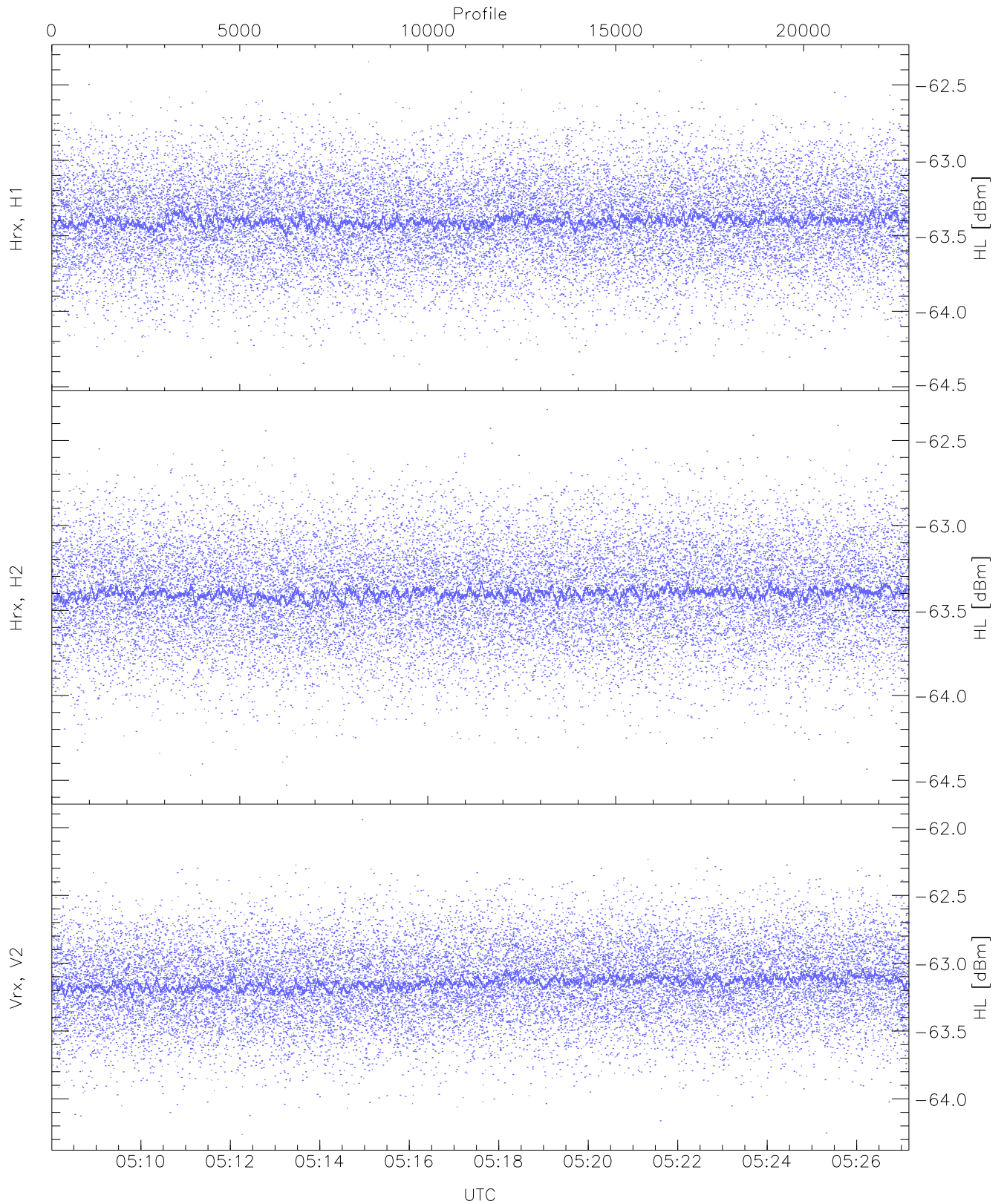
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,94,16,23,22,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,96,20,27,25,29`
`LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,20,0`
`EIK/Modulator Faults: None`





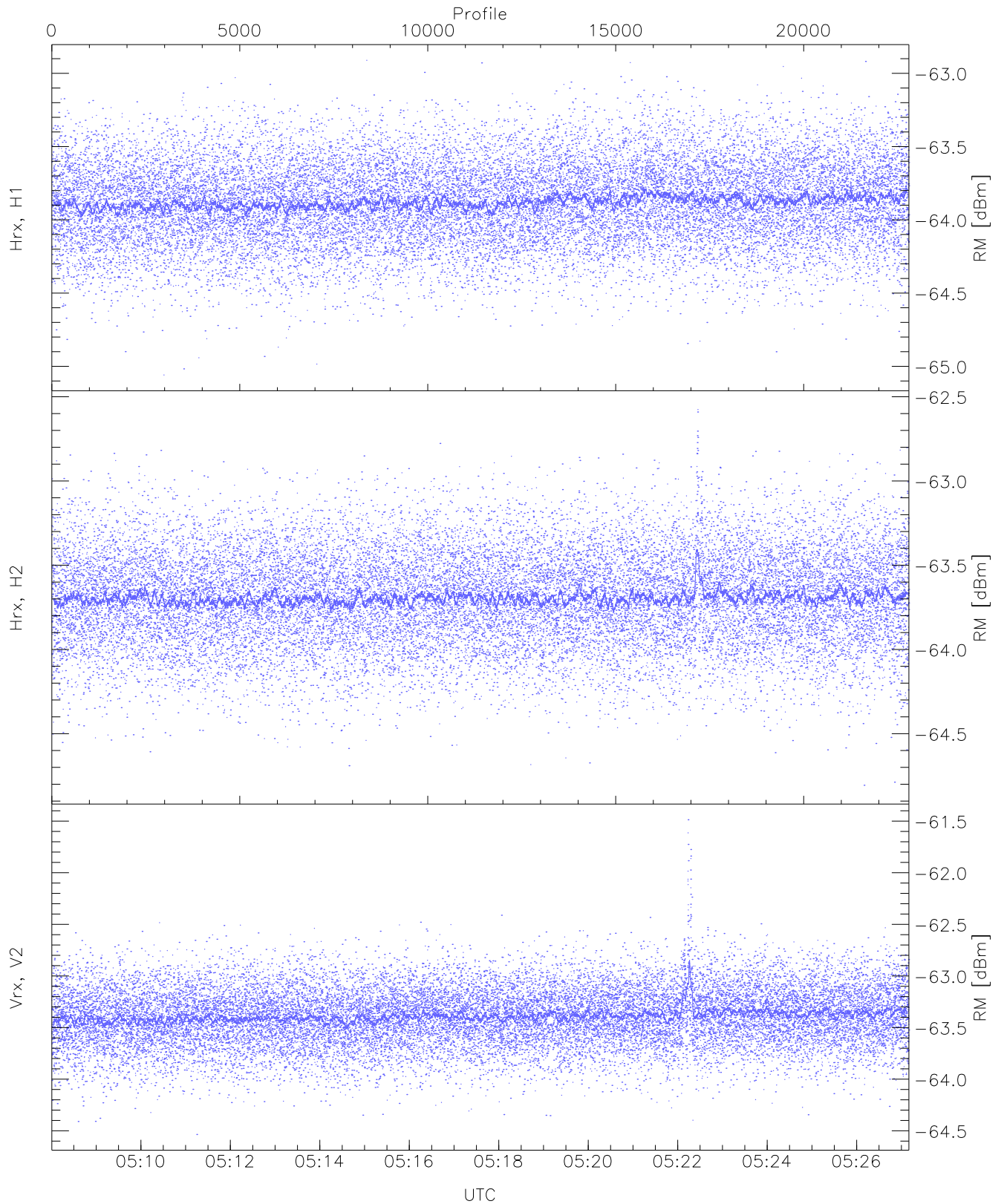
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -65.01 | -62.73 | -63.66 | -63.67 | -75.80 |
| Hrx, H2 (WL [dBm]) | -64.91 | -62.57 | -63.66 | -63.67 | -75.80 |
| Vrx, V2 (WL [dBm]) | -64.34 | -62.34 | -63.35 | -63.35 | -75.46 |



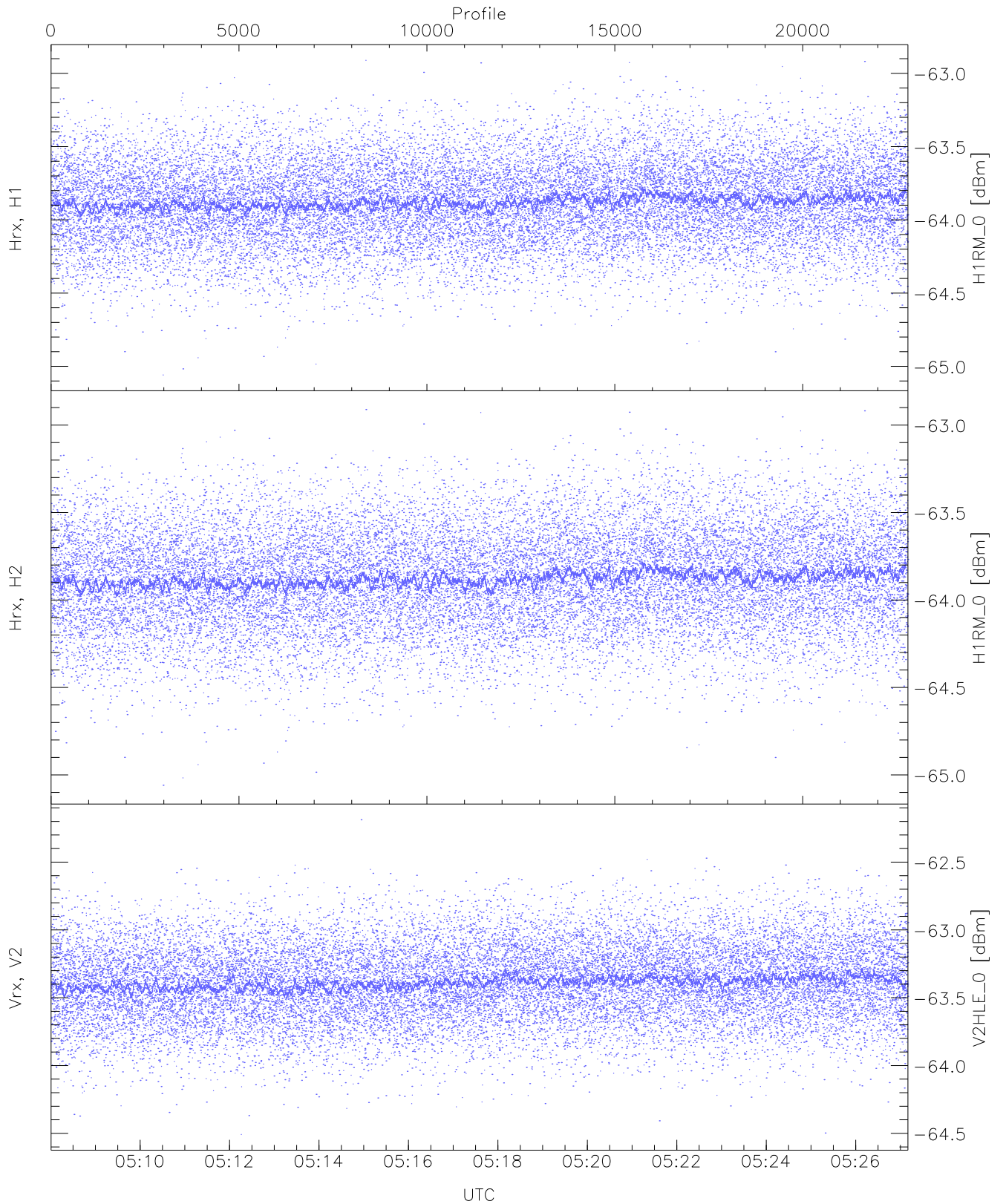
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.42 | -62.34 | -63.40 | -63.40 | -75.54 |
| Hrx, H2 (HL [dBm]) | -64.53 | -62.32 | -63.40 | -63.40 | -75.54 |
| Vrx, V2 (HL [dBm]) | -64.26 | -61.94 | -63.14 | -63.15 | -75.24 |



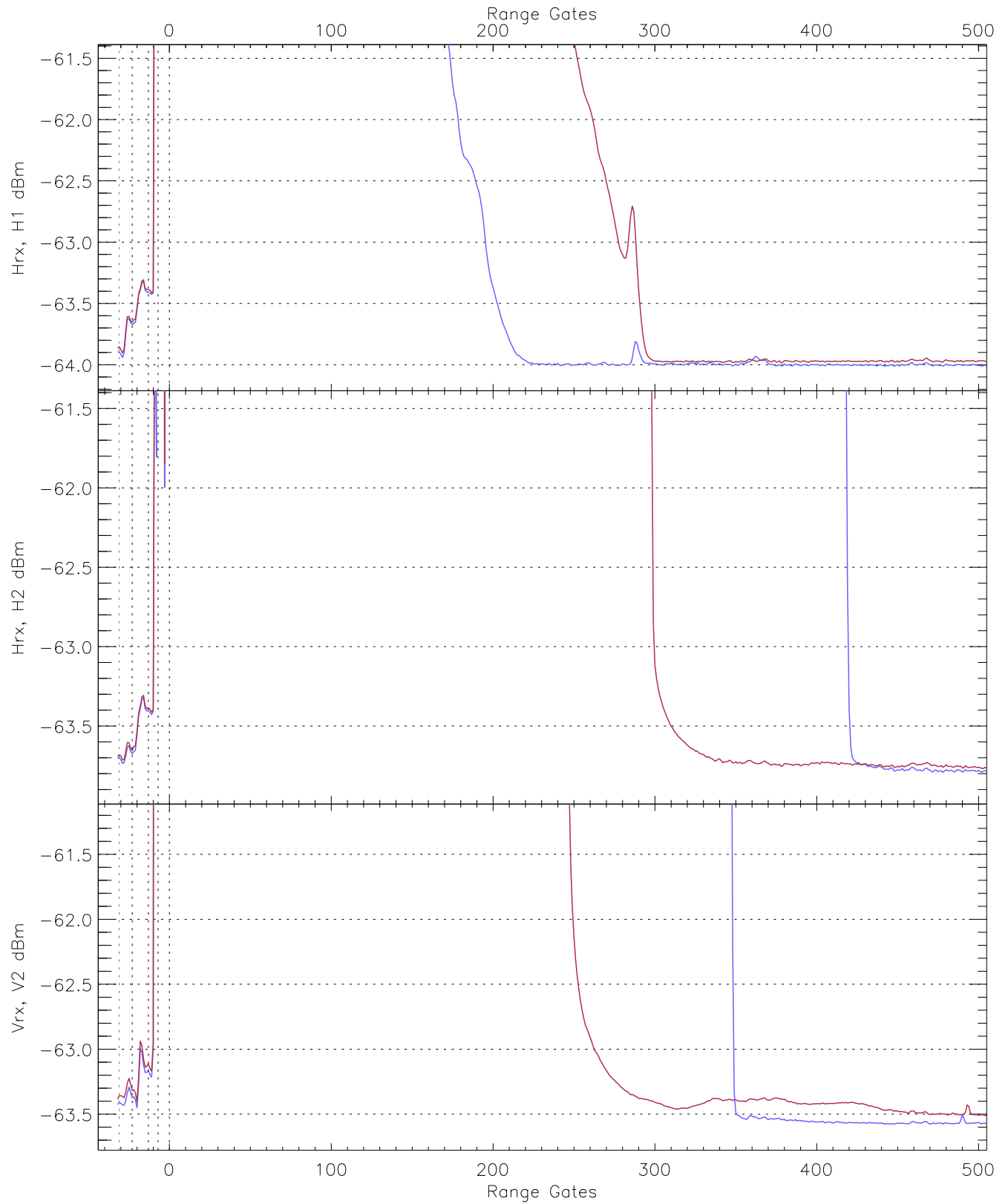
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(RM [dBm]) | -65.06 | -62.91 | -63.88 | -63.88 | -76.00 |
| Hrx, H2(RM [dBm]) | -64.81 | -62.58 | -63.69 | -63.69 | -75.82 |
| Vrx, V2(RM [dBm]) | -64.54 | -61.49 | -63.38 | -63.39 | -75.41 |

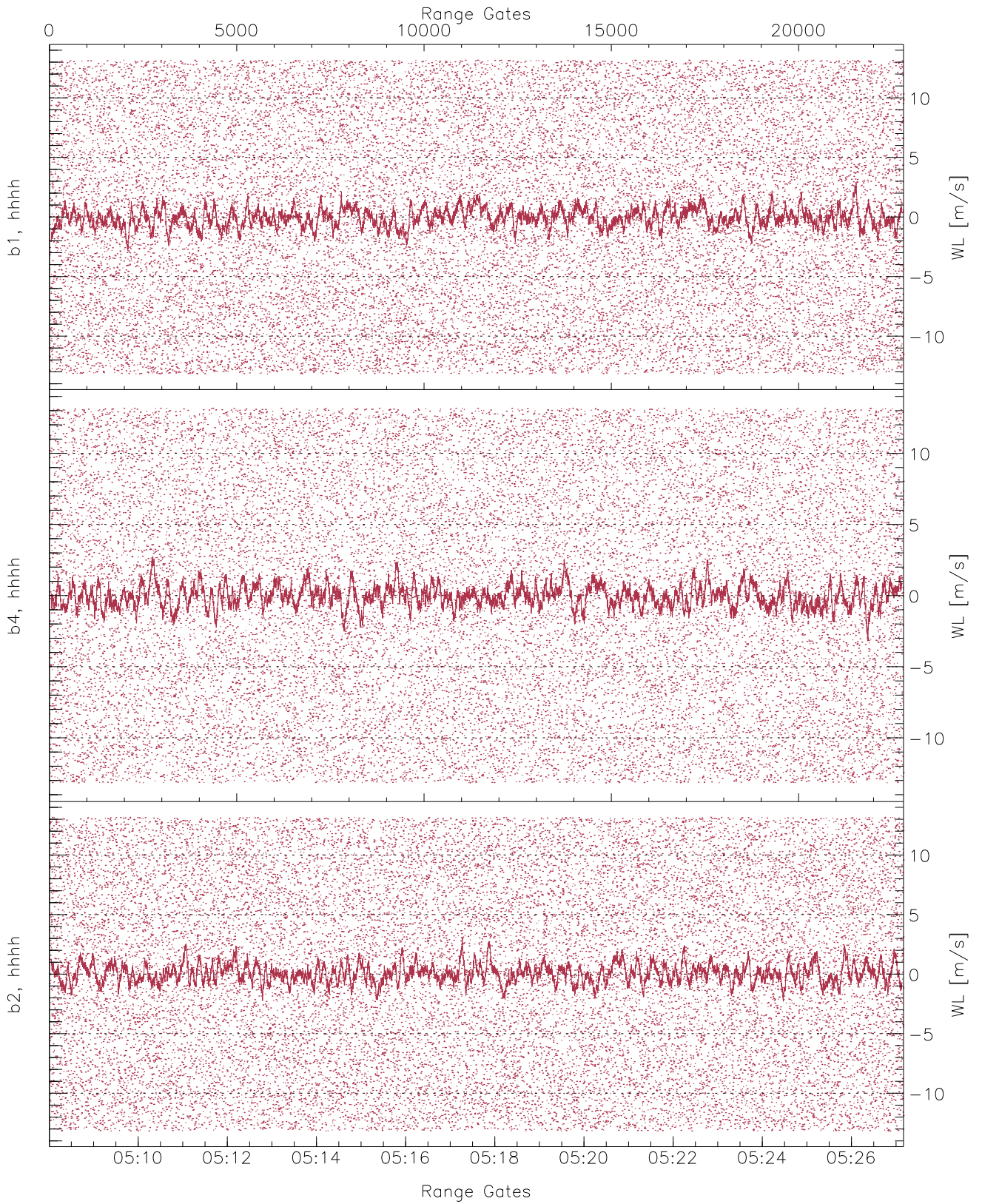


WCR2 CPP "Best" estimate Receivers Noise Power

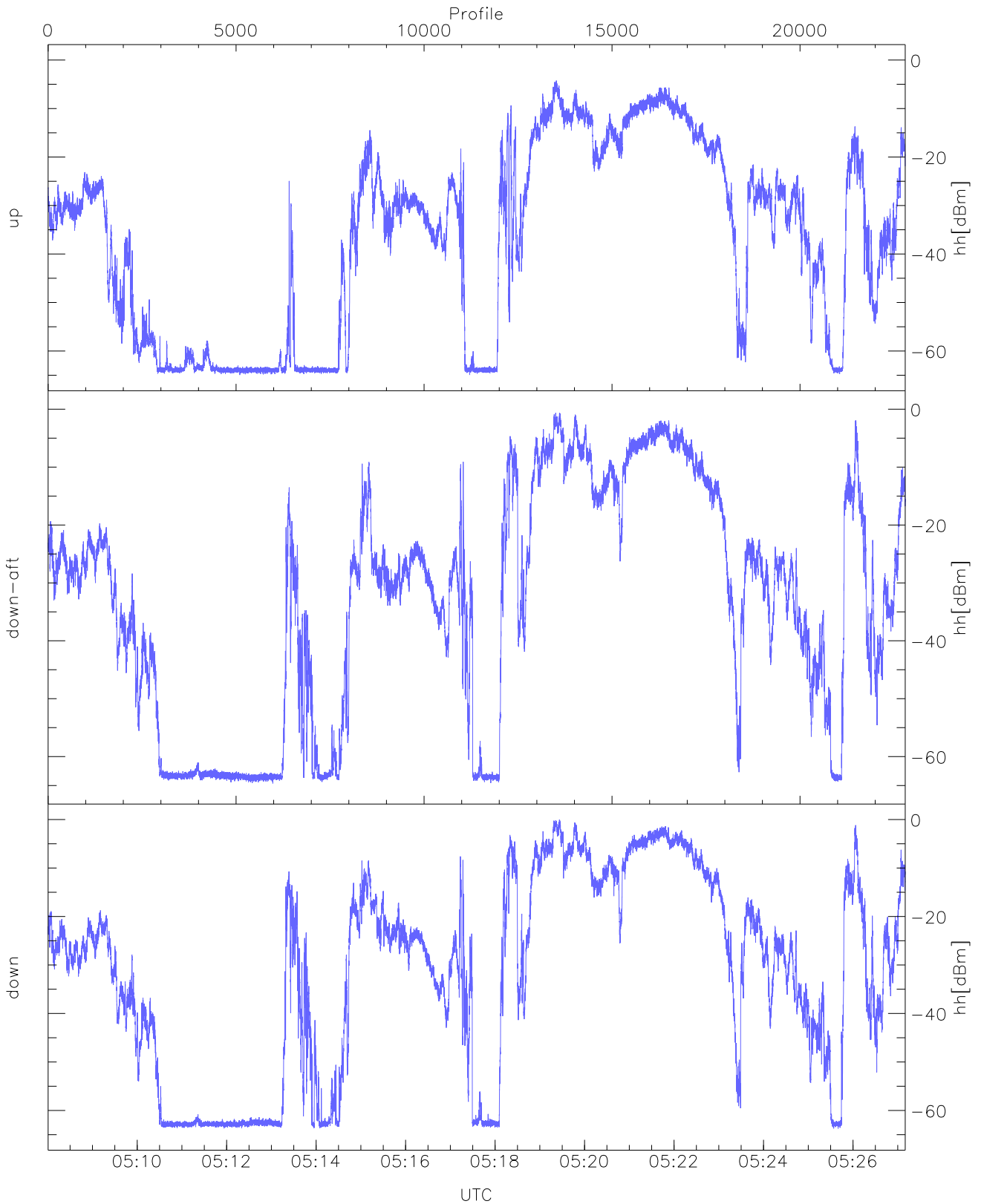
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -65.06 | -62.91 | -63.88 | -63.88 | -76.00 |
| H1RM_0 [dBm] | -65.06 | -62.91 | -63.88 | -63.88 | -76.00 |
| V2HLE_0 [dBm] | -64.51 | -62.19 | -63.38 | -63.39 | -75.48 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 050801-51735, 11401 profiles averaged
red: 51735-052710, 11400 profiles averaged

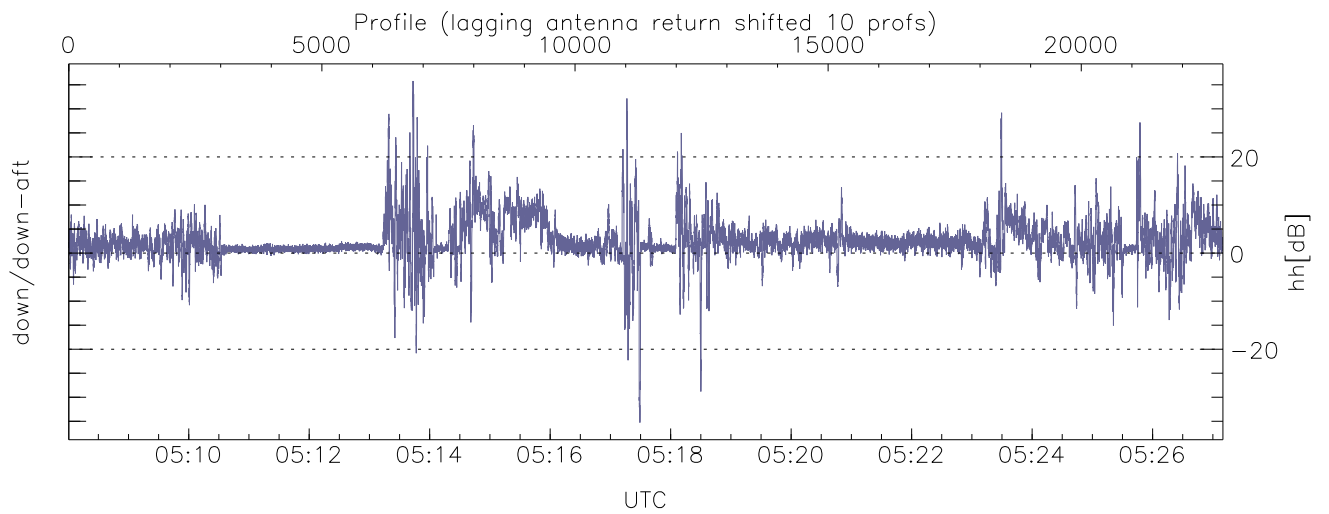
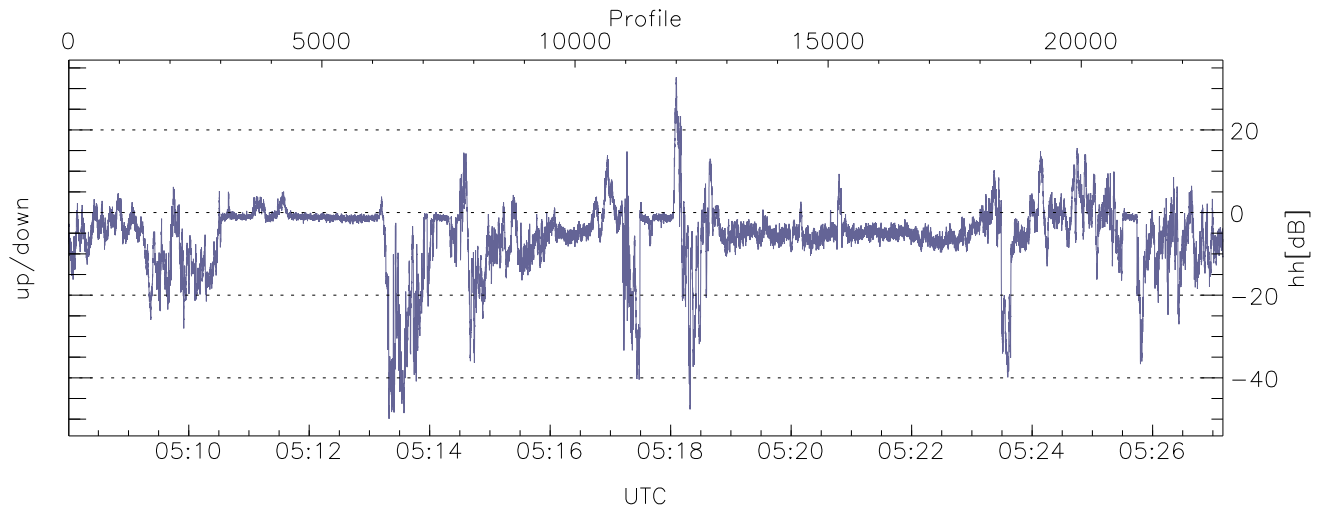


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



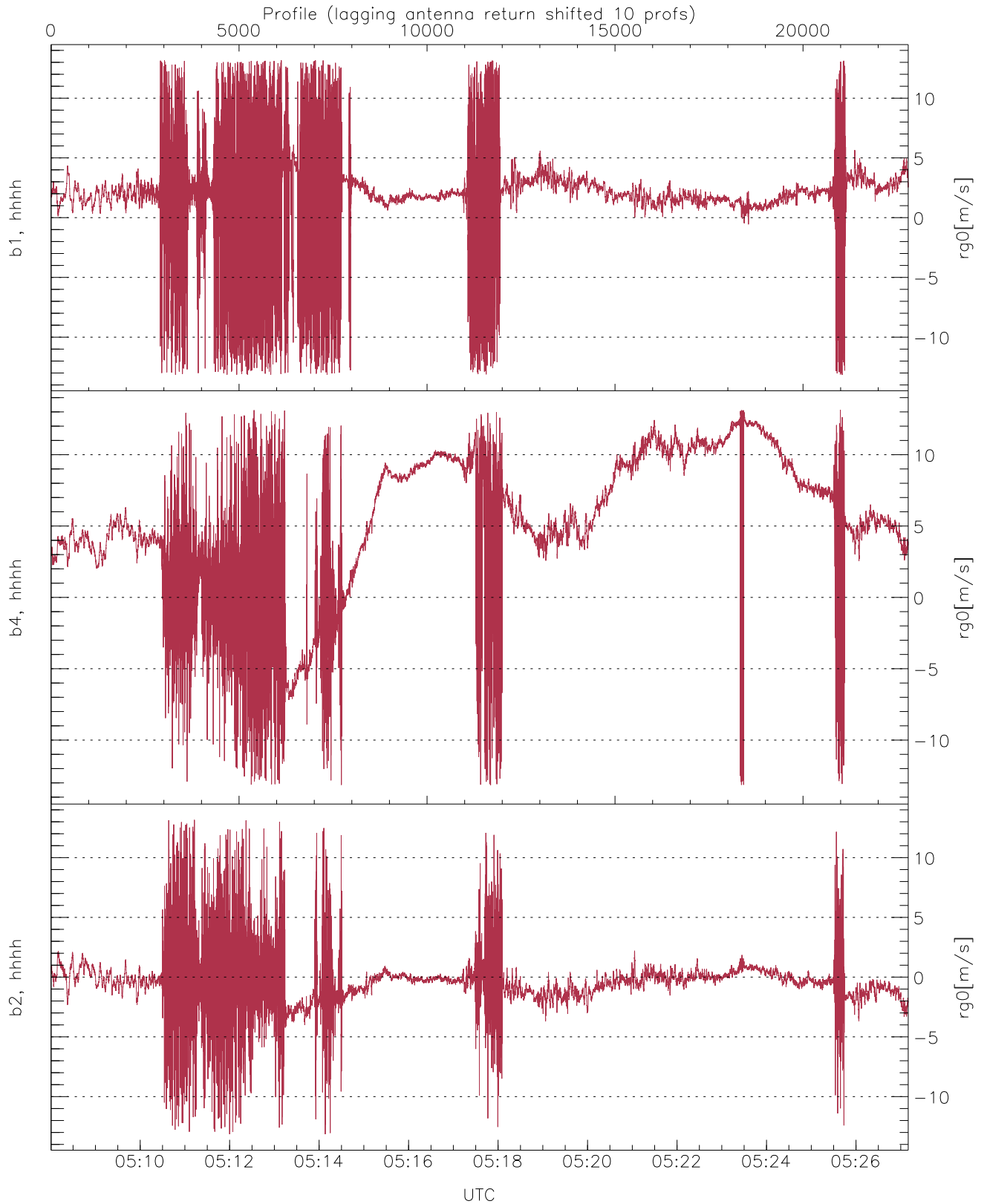
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|-------|--------|
| up(hh[dBm]) | -64.95 | -4.23 | -17.36 |
| down-aft(hh[dBm]) | -64.63 | -0.63 | -12.98 |
| down(hh[dBm]) | -63.73 | -0.05 | -11.89 |



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

| | Min | Max | Mean |
|-----------------------|--------|-------|-------|
| up/down(hh[dB]) | -49.92 | 32.77 | -4.90 |
| down/down-aft(hh[dB]) | -35.28 | 35.81 | 2.65 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -13.16 | 13.16 | 1.81 | 3.29 |
| b4, hhhh(rg0[m/s]) | -13.15 | 13.14 | 5.22 | 4.82 |
| b2, hhhh(rg0[m/s]) | -13.14 | 13.16 | -0.41 | 1.86 |