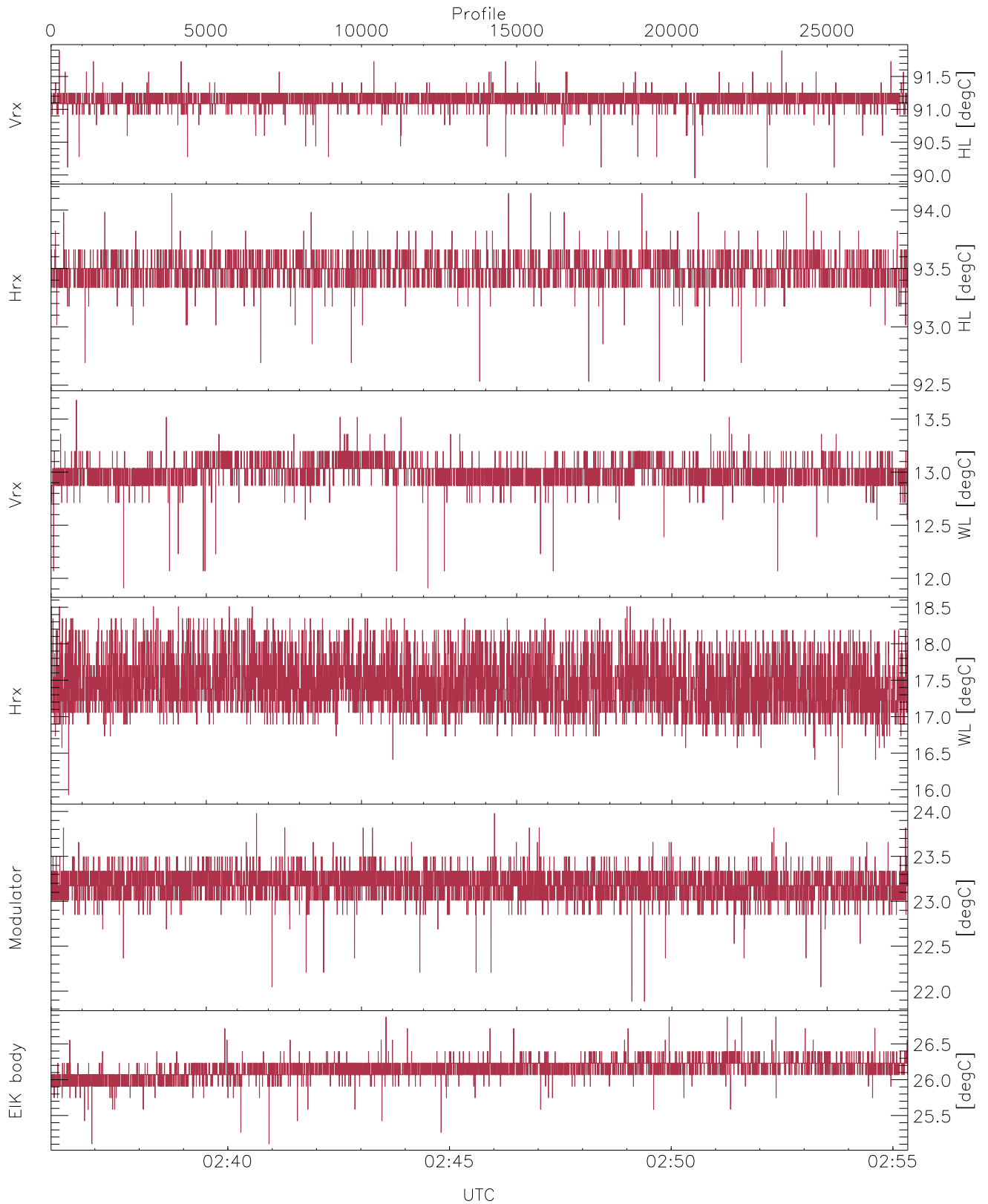


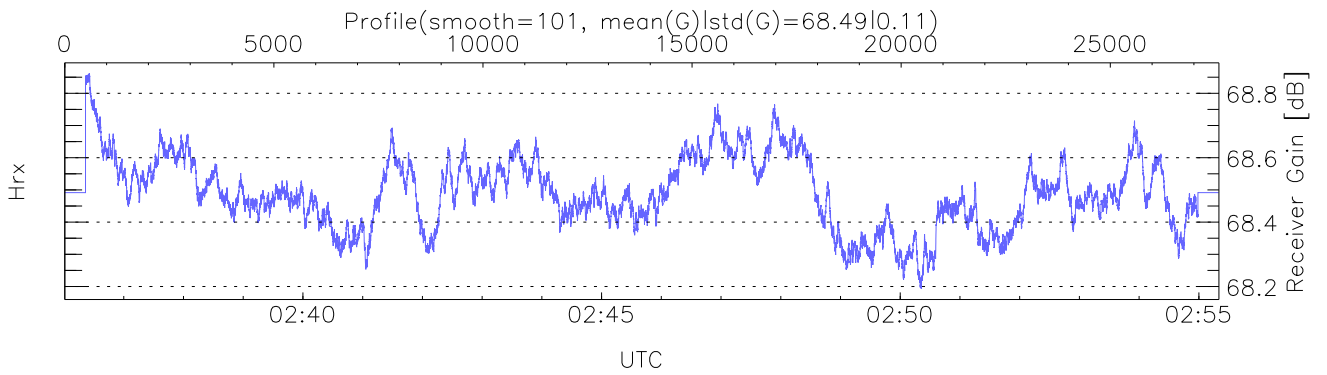
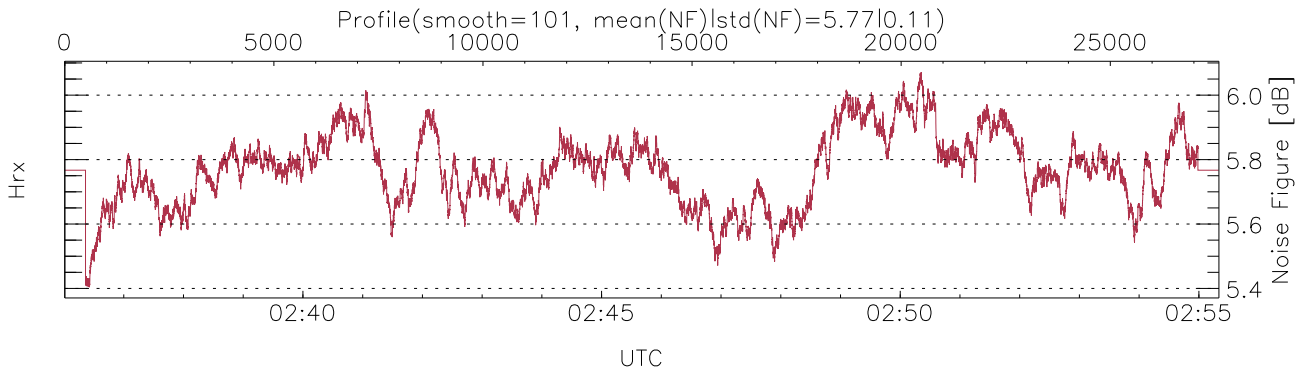
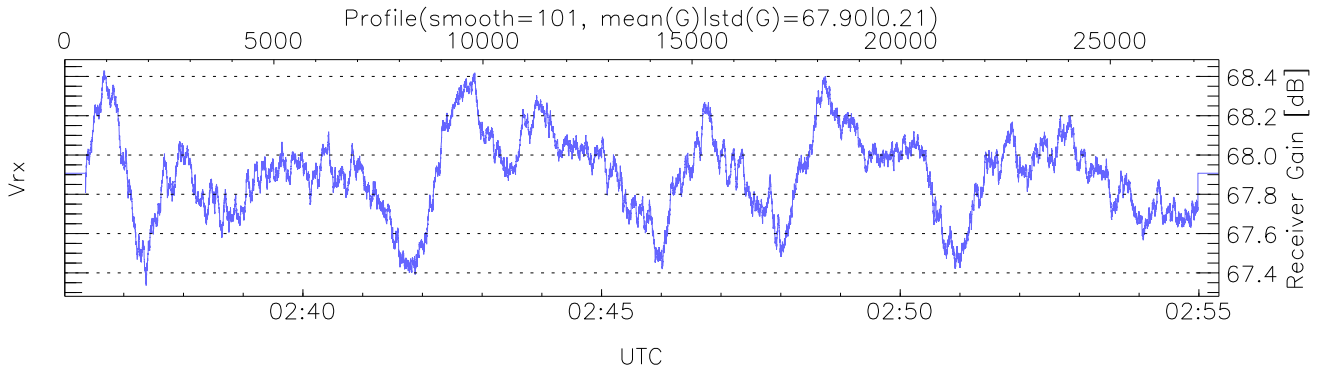
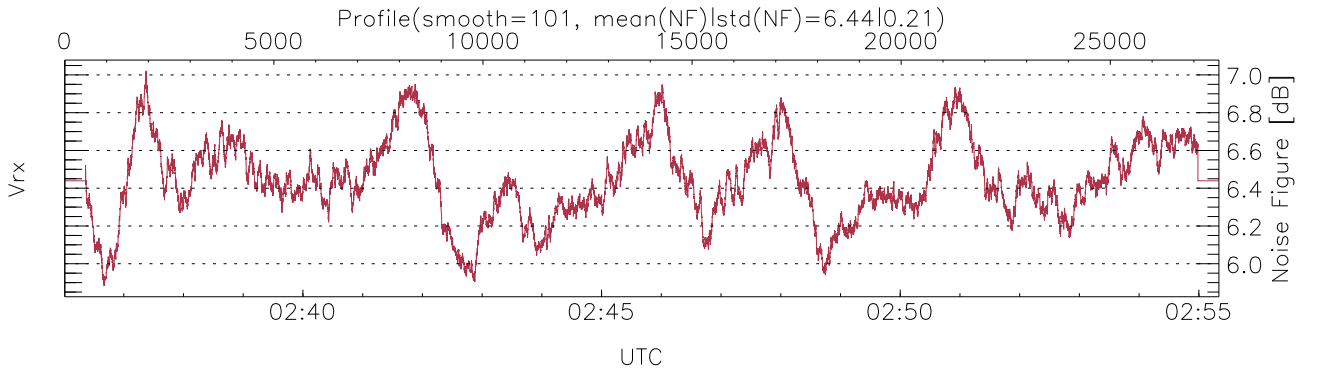
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

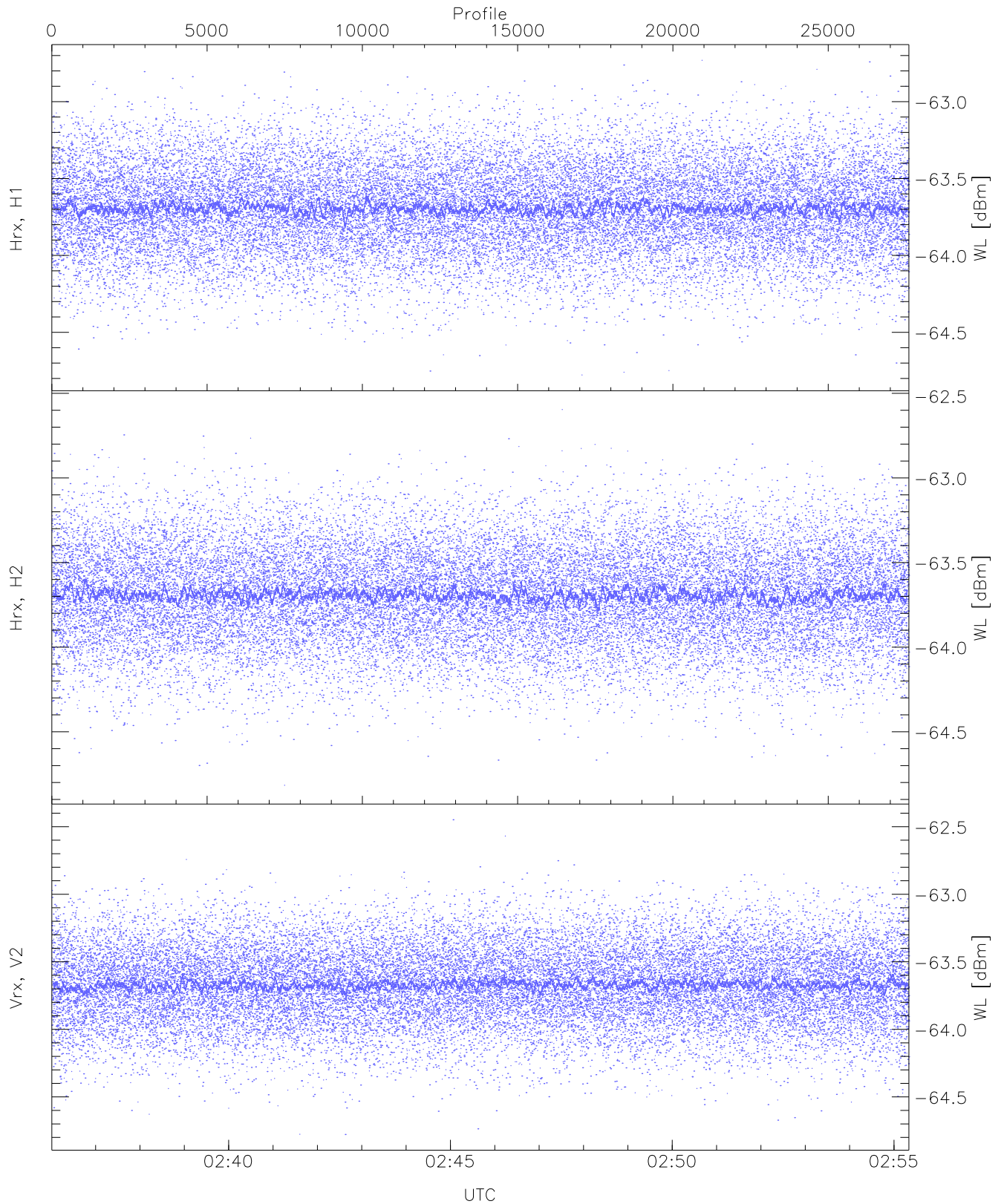
UTC: 02:36:01-03:01:42, Dur: 1541.53s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 27600/36695, 0-27599/02:36:01-02:55:20
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

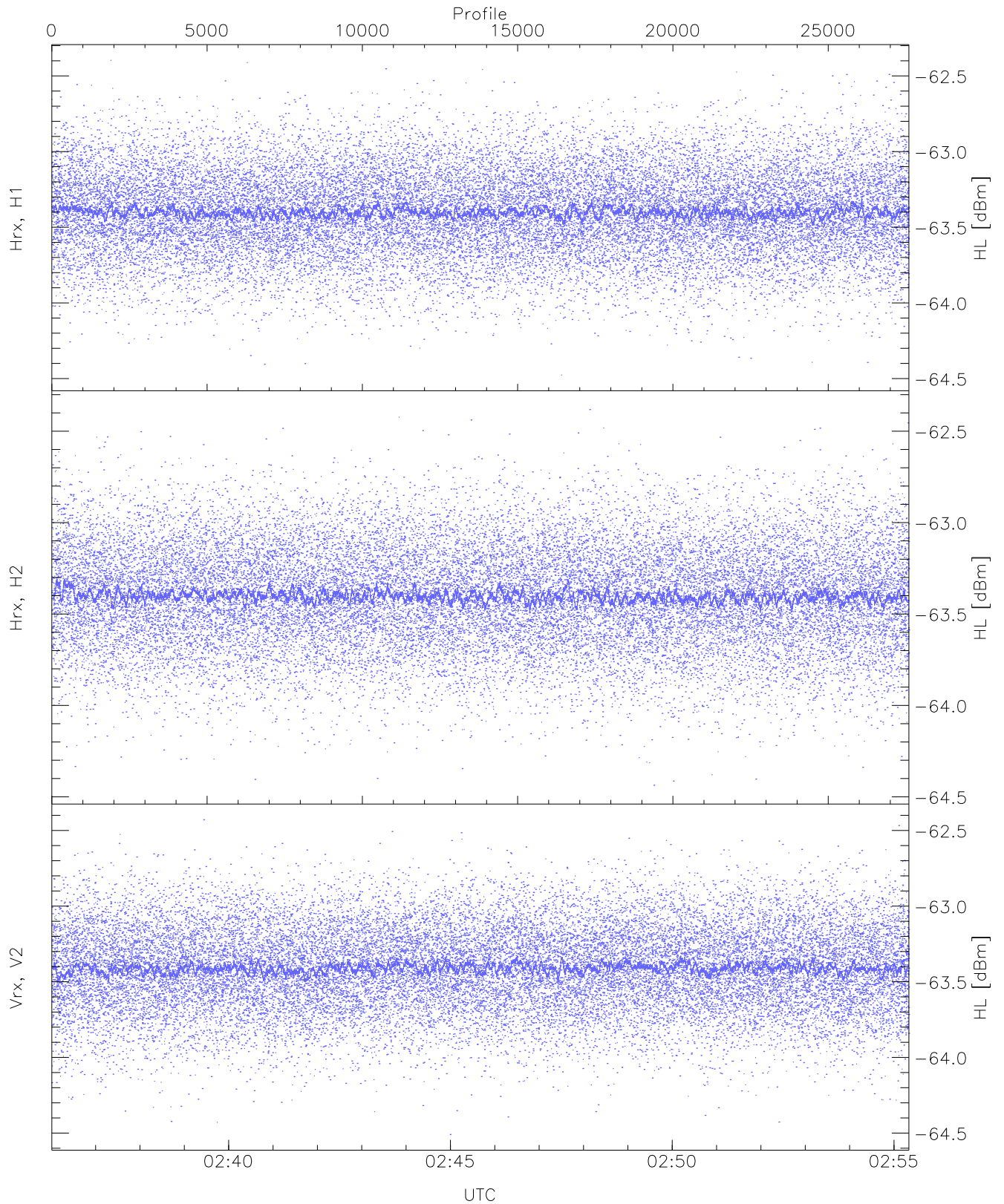
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,92,11,15,21,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,94,13,18,23,26`
`LOalarm(20,80,240,2.8,14.8 MHz): 6,0,0,42,0`
`EIK/Modulator Faults: None`





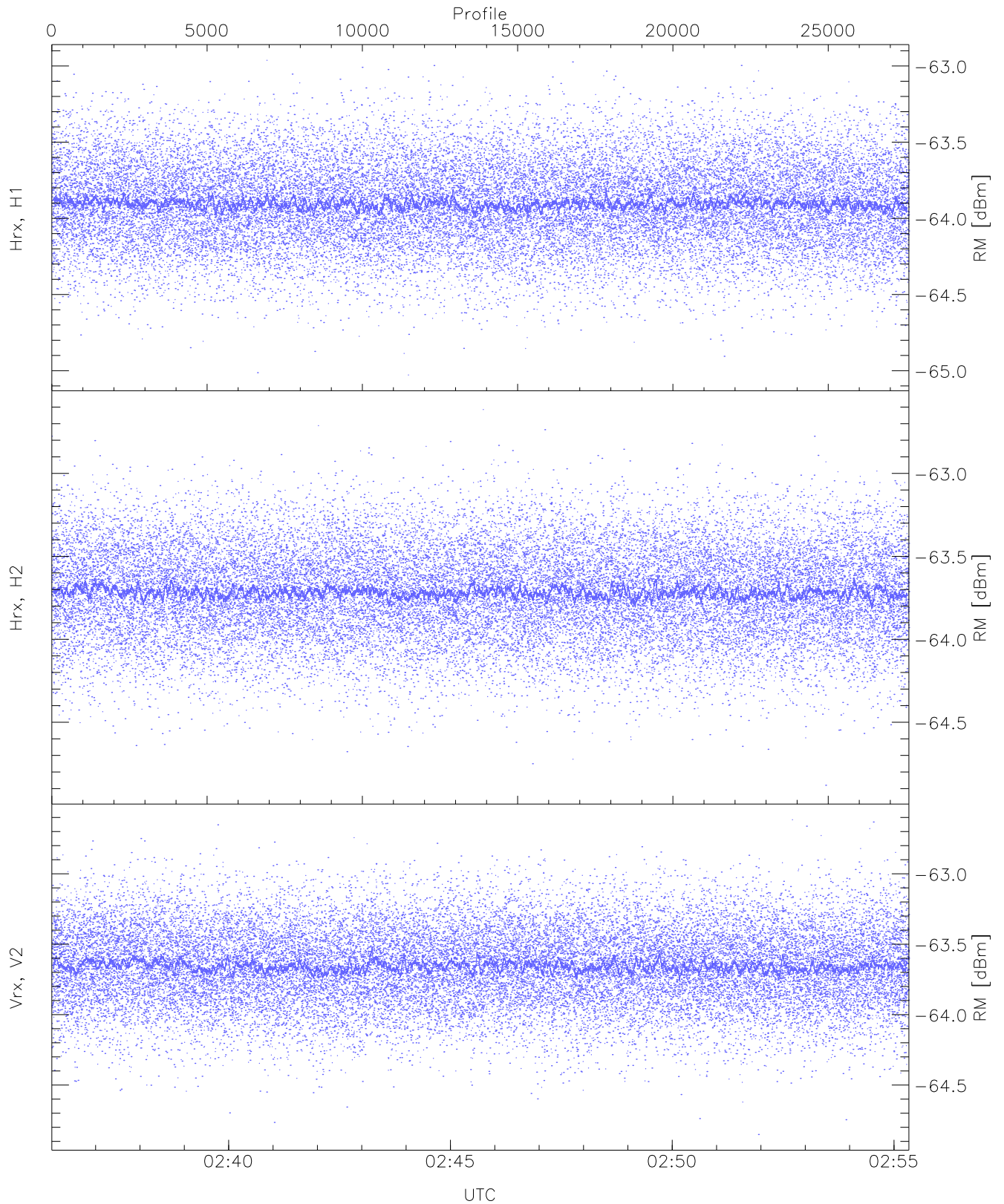
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.78 | -62.73 | -63.69 | -63.69 | -75.87 |
| Hrx, H2 (WL [dBm]) | -64.82 | -62.60 | -63.69 | -63.69 | -75.86 |
| Vrx, V2 (WL [dBm]) | -64.78 | -62.45 | -63.67 | -63.67 | -75.81 |



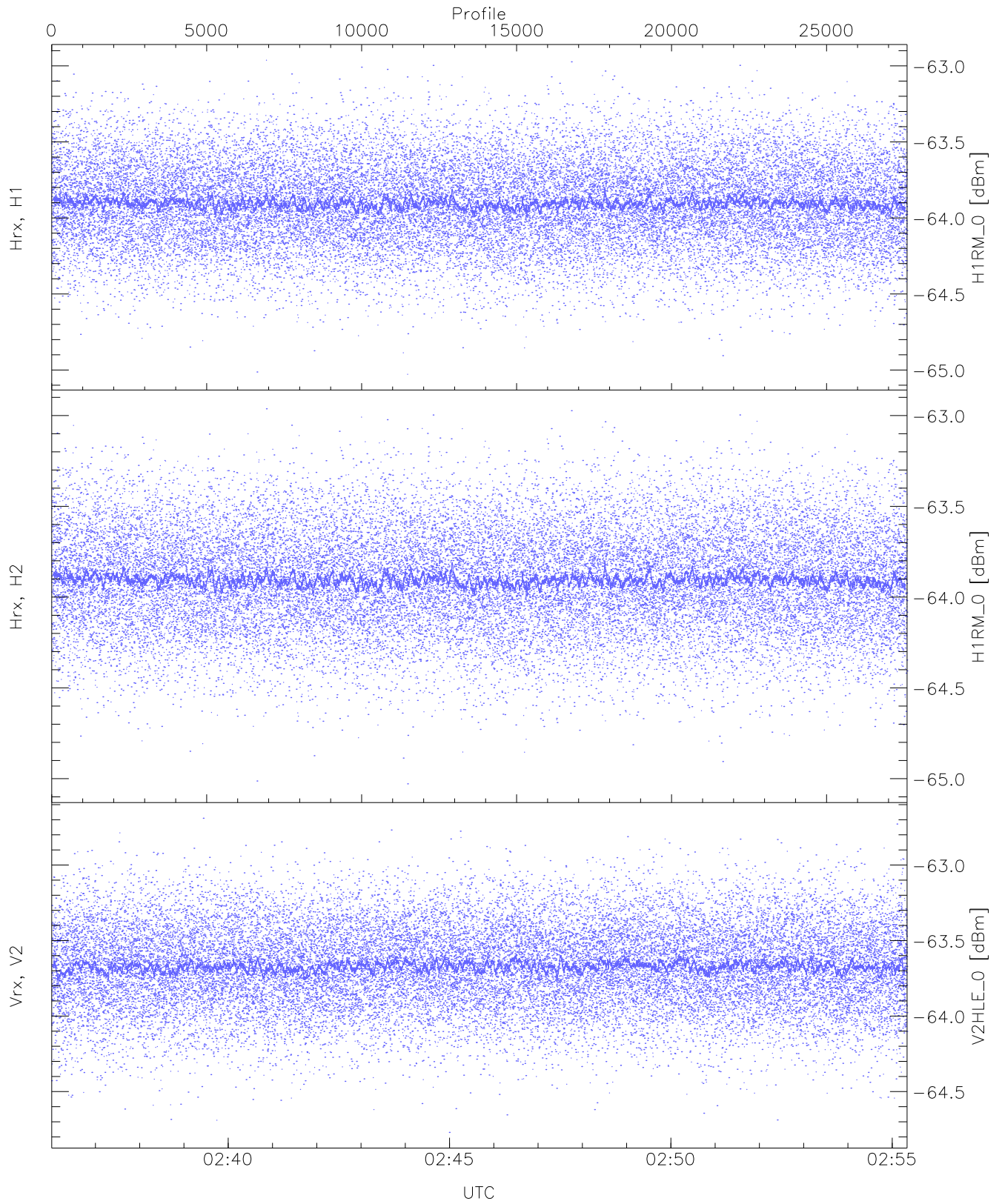
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.48 | -62.40 | -63.40 | -63.40 | -75.51 |
| Hrx, H2 (HL [dBm]) | -64.44 | -62.38 | -63.40 | -63.40 | -75.54 |
| Vrx, V2 (HL [dBm]) | -64.51 | -62.43 | -63.41 | -63.41 | -75.57 |



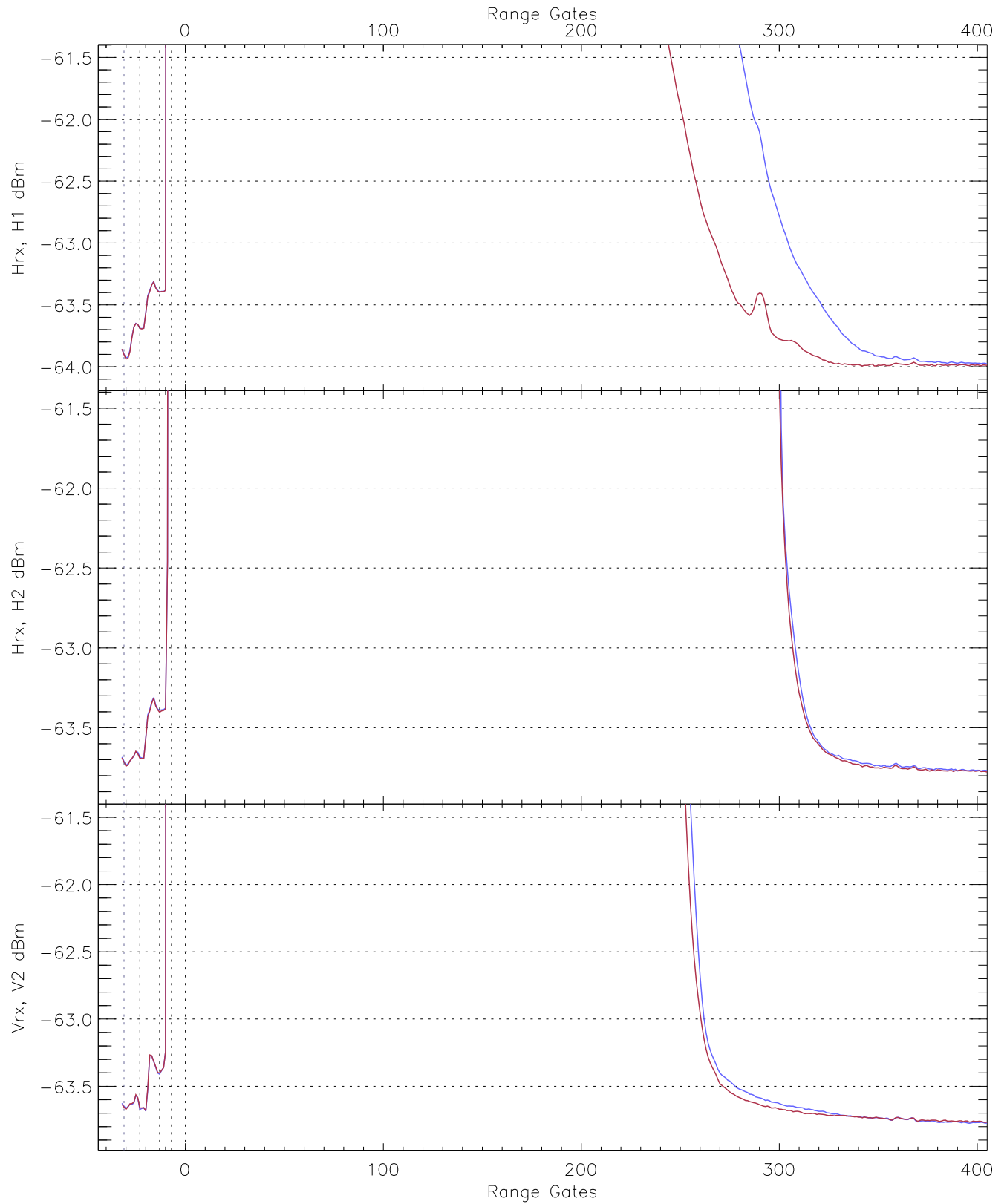
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(RM [dBm]) | -65.03 | -62.96 | -63.90 | -63.91 | -76.06 |
| Hrx, H2(RM [dBm]) | -64.88 | -62.61 | -63.71 | -63.72 | -75.87 |
| Vrx, V2(RM [dBm]) | -64.85 | -62.62 | -63.65 | -63.66 | -75.79 |

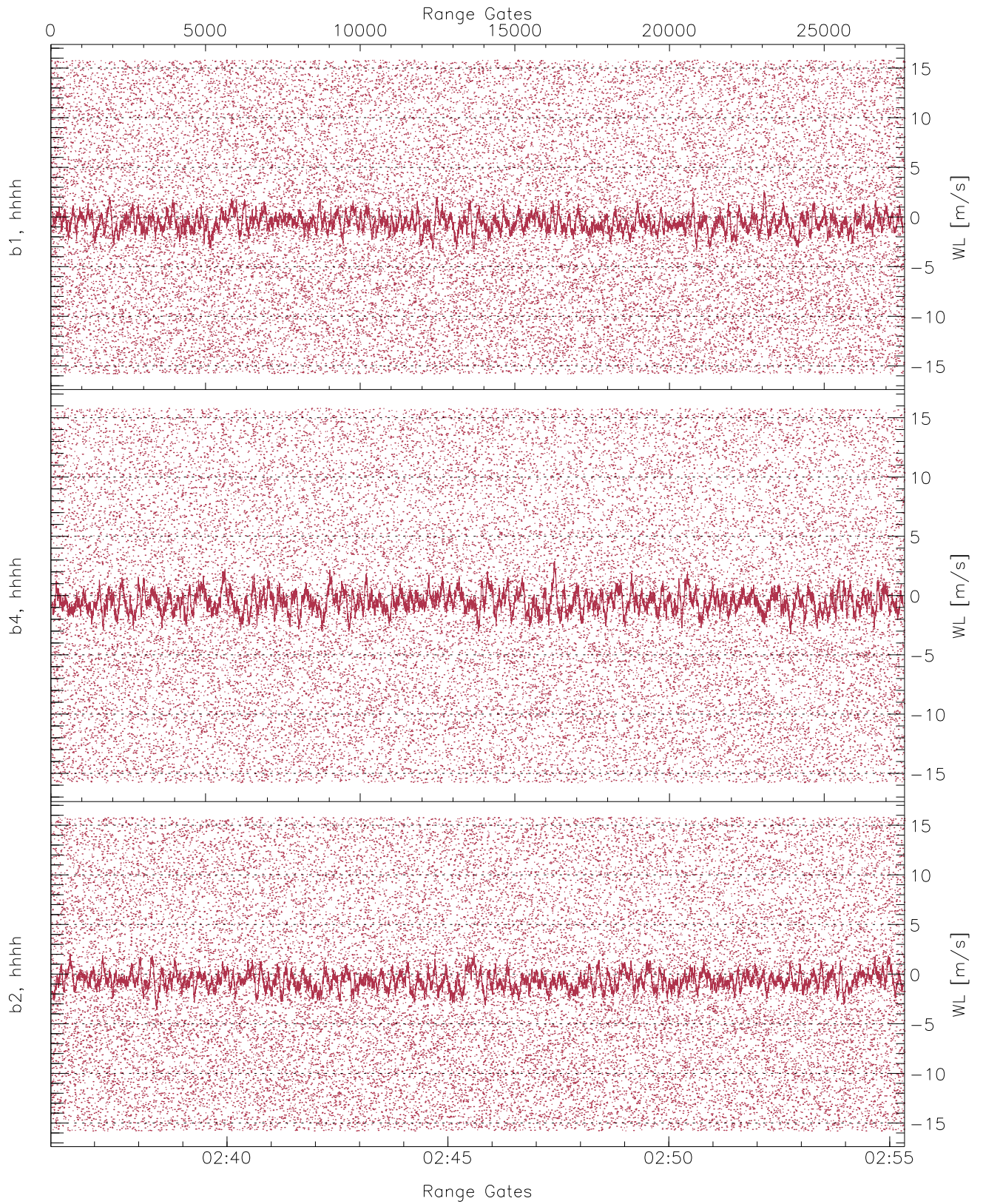


WCR2 CPP "Best" estimate Receivers Noise Power

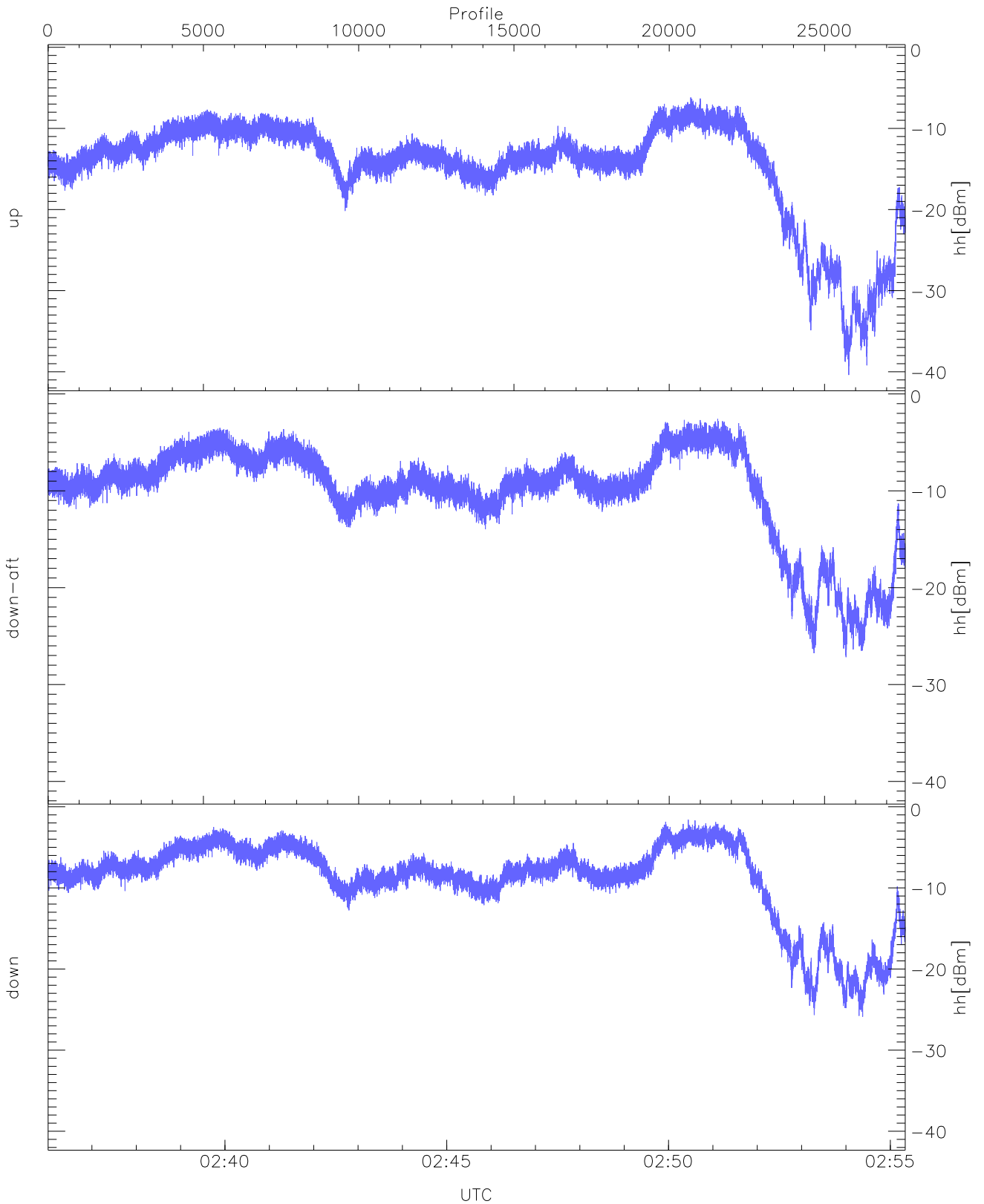
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -65.03 | -62.96 | -63.90 | -63.91 | -76.06 |
| H1RM_0 [dBm] | -65.03 | -62.96 | -63.90 | -63.91 | -76.06 |
| V2HLE_0 [dBm] | -64.77 | -62.69 | -63.67 | -63.67 | -75.84 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 023601-24540, 13801 profiles averaged
red: 24540-025520, 13800 profiles averaged

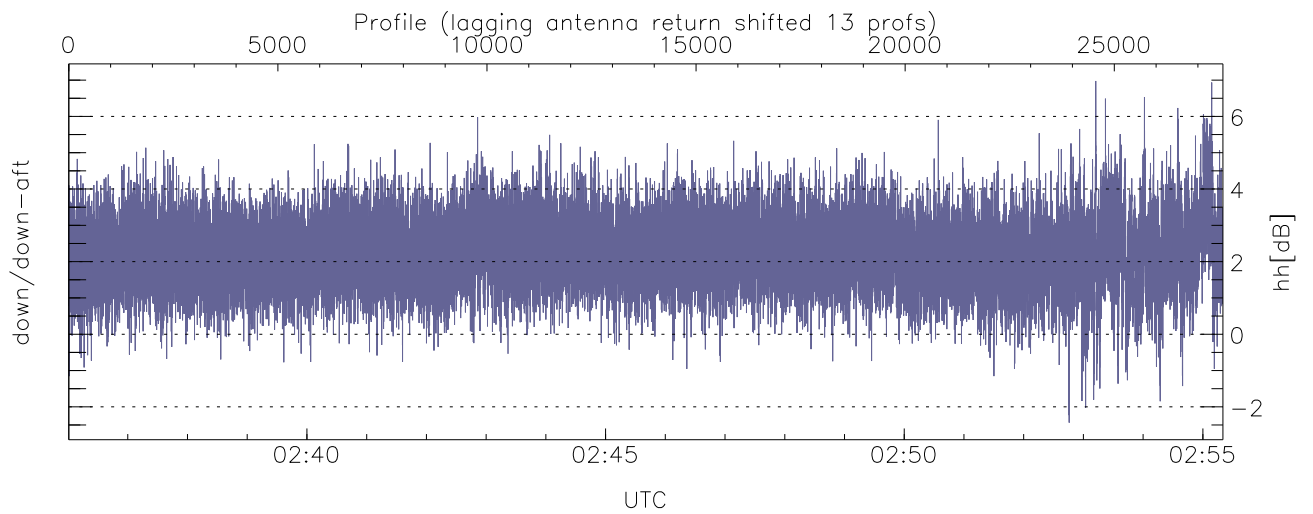
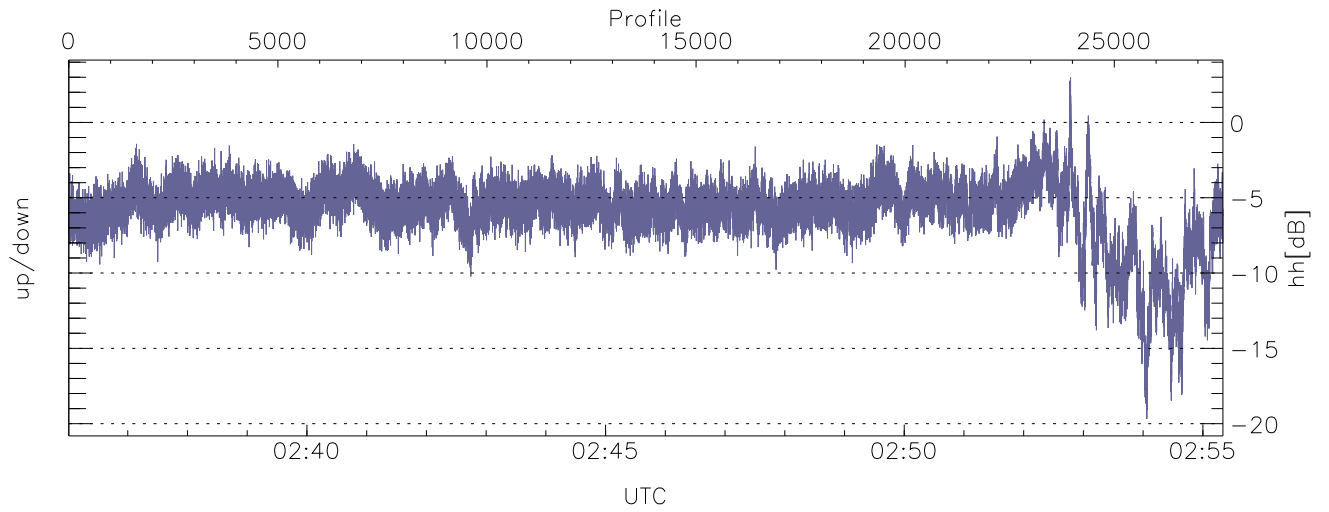


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



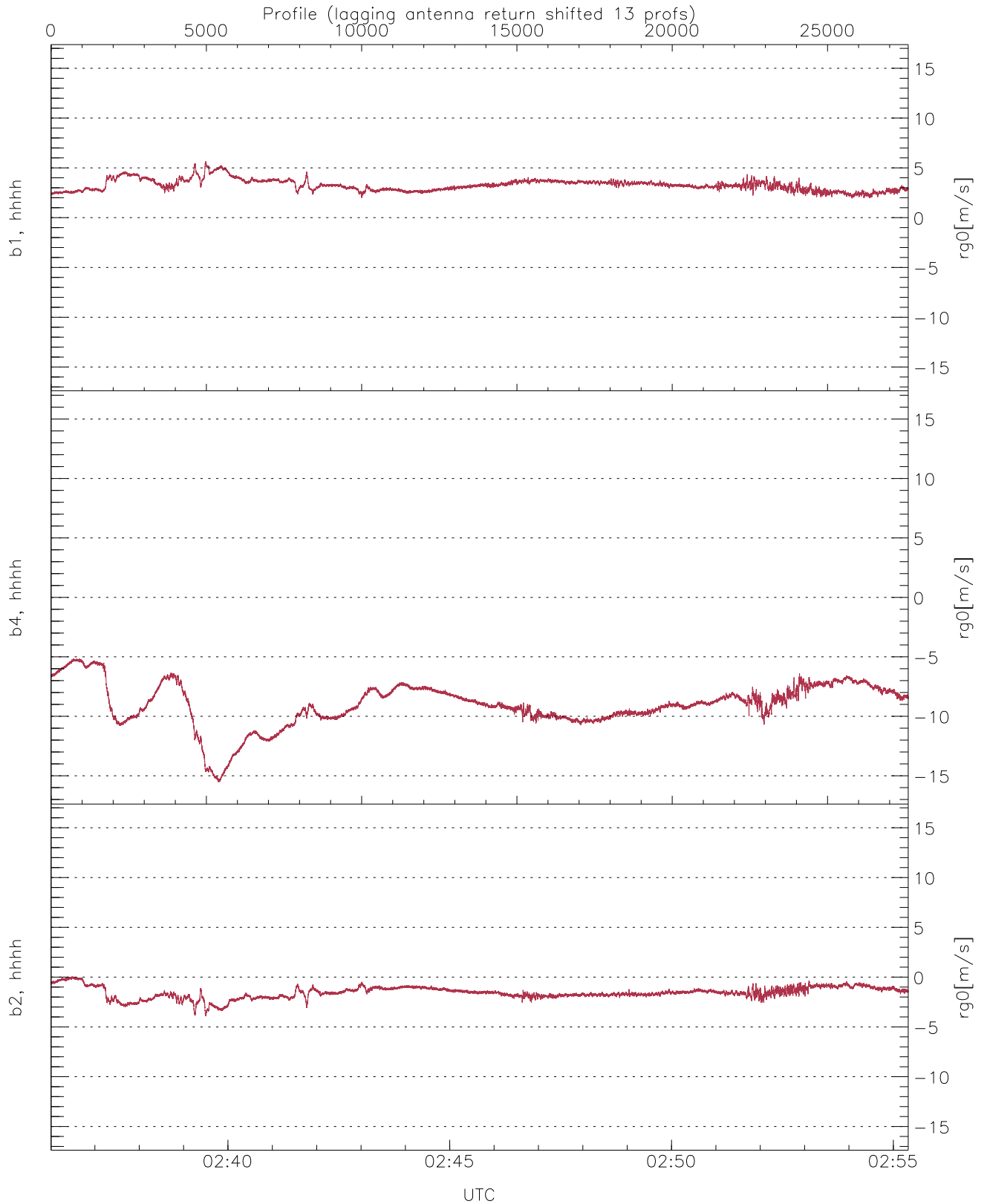
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|-------|--------|
| up(hh[dBm]) | -40.40 | -6.19 | -12.47 |
| down-aft(hh[dBm]) | -27.17 | -2.57 | -8.35 |
| down(hh[dBm]) | -25.87 | -1.61 | -7.27 |



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

| | Min | Max | Mean |
|-----------------------|--------|------|-------|
| up/down(hh[dB]) | -19.68 | 3.01 | -4.75 |
| down/down-aft(hh[dB]) | -2.43 | 6.98 | 2.23 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | 1.93 | 5.64 | 3.26 | 0.58 |
| b4, hhhh(rg0[m/s]) | -15.53 | -5.13 | -9.03 | 1.84 |
| b2, hhhh(rg0[m/s]) | -3.92 | 0.07 | -1.57 | 0.59 |