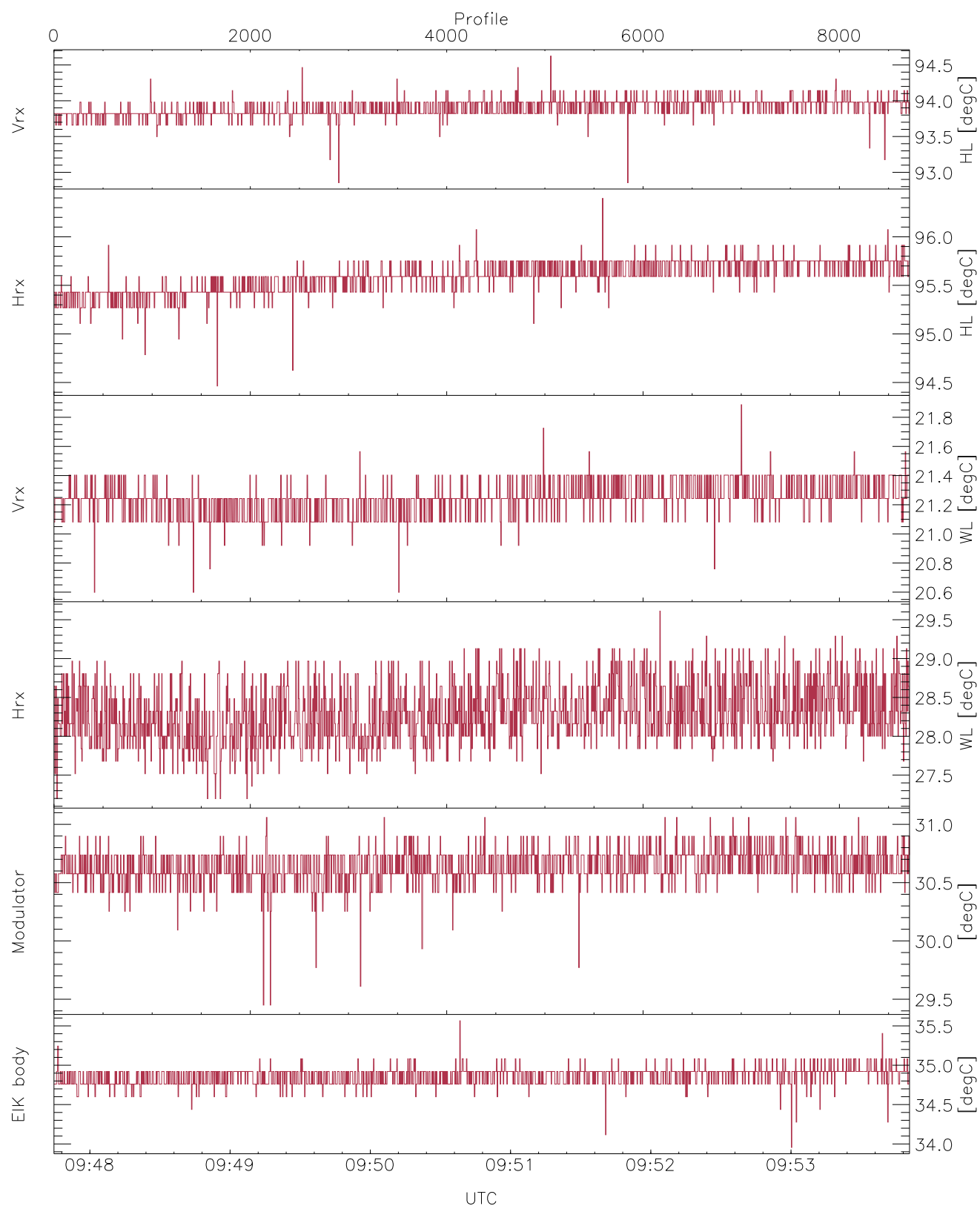


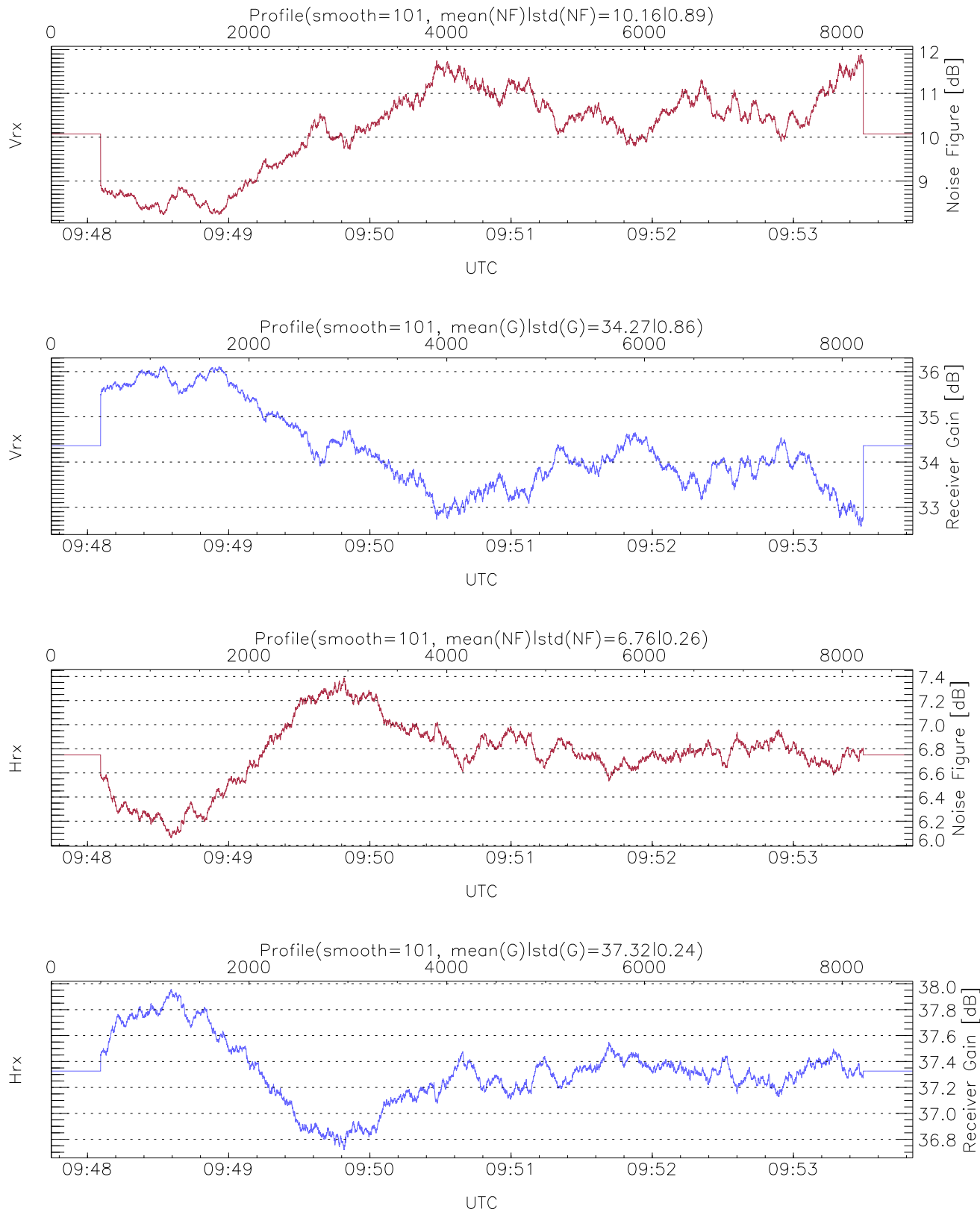
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 09:47:45-09:53:51, Dur: 366.08s
 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): 8715/8715, 0-8714/09:47:45-09:53:51
 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,rqs): 105,6187,15.0 m, Gates: 406, Aspect: 4.0
 Mirror(-910112,3,9x)=no mirror|sidelup|error): 1



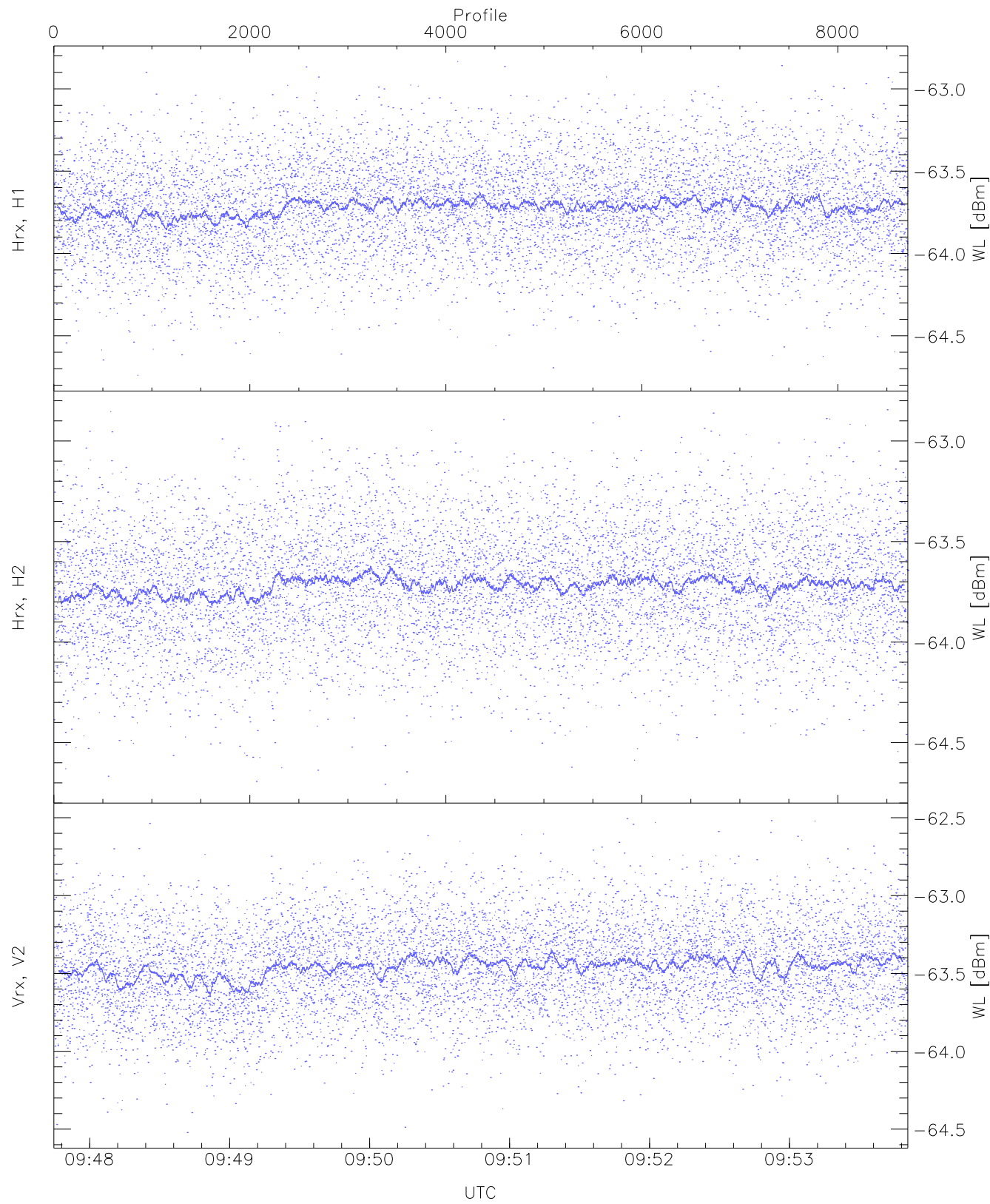
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,20,27,29,33`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,31,35`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK/Modulator Faults: None`



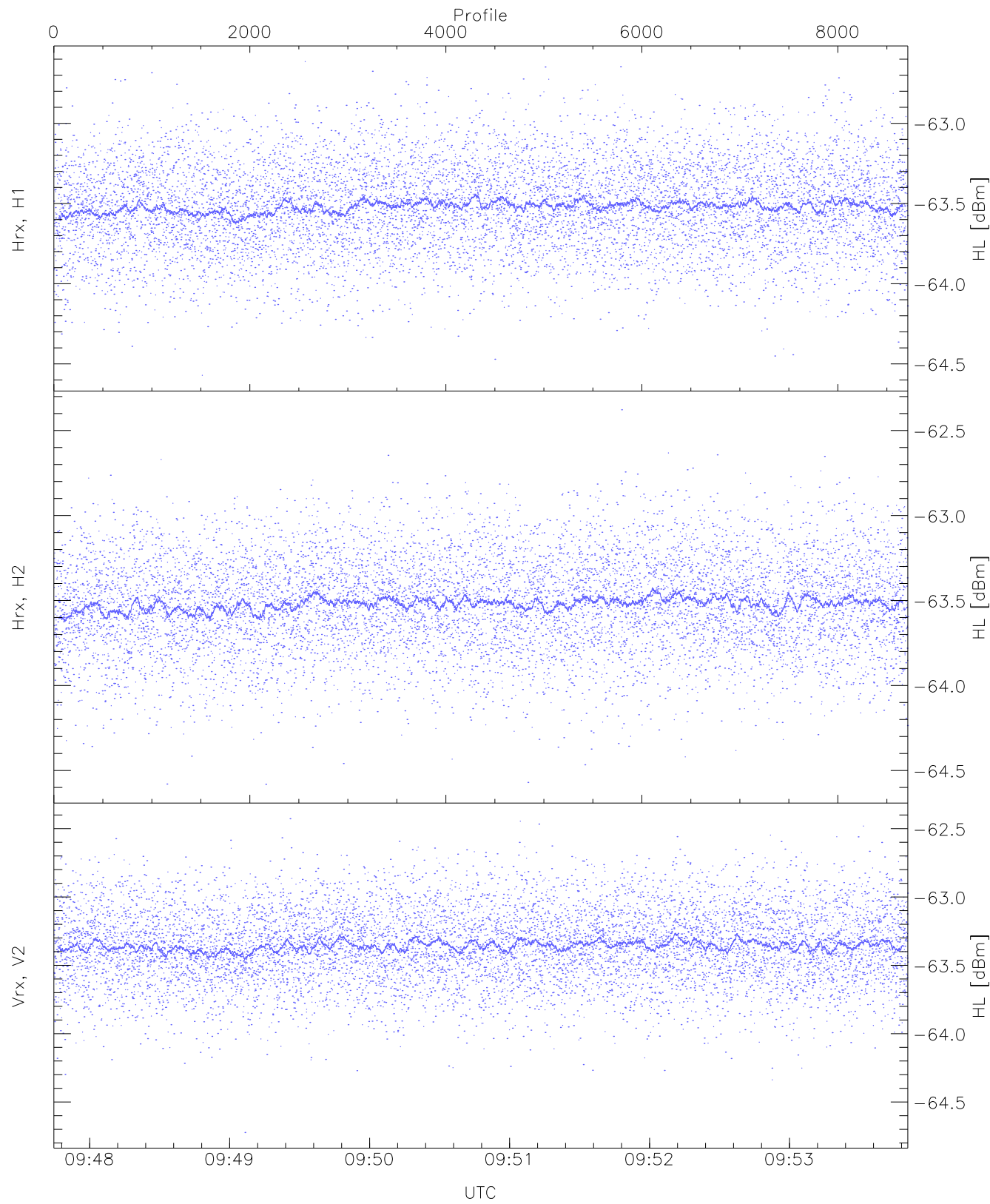
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1034 pixs, 6 gates, 575 profs, 2 prods



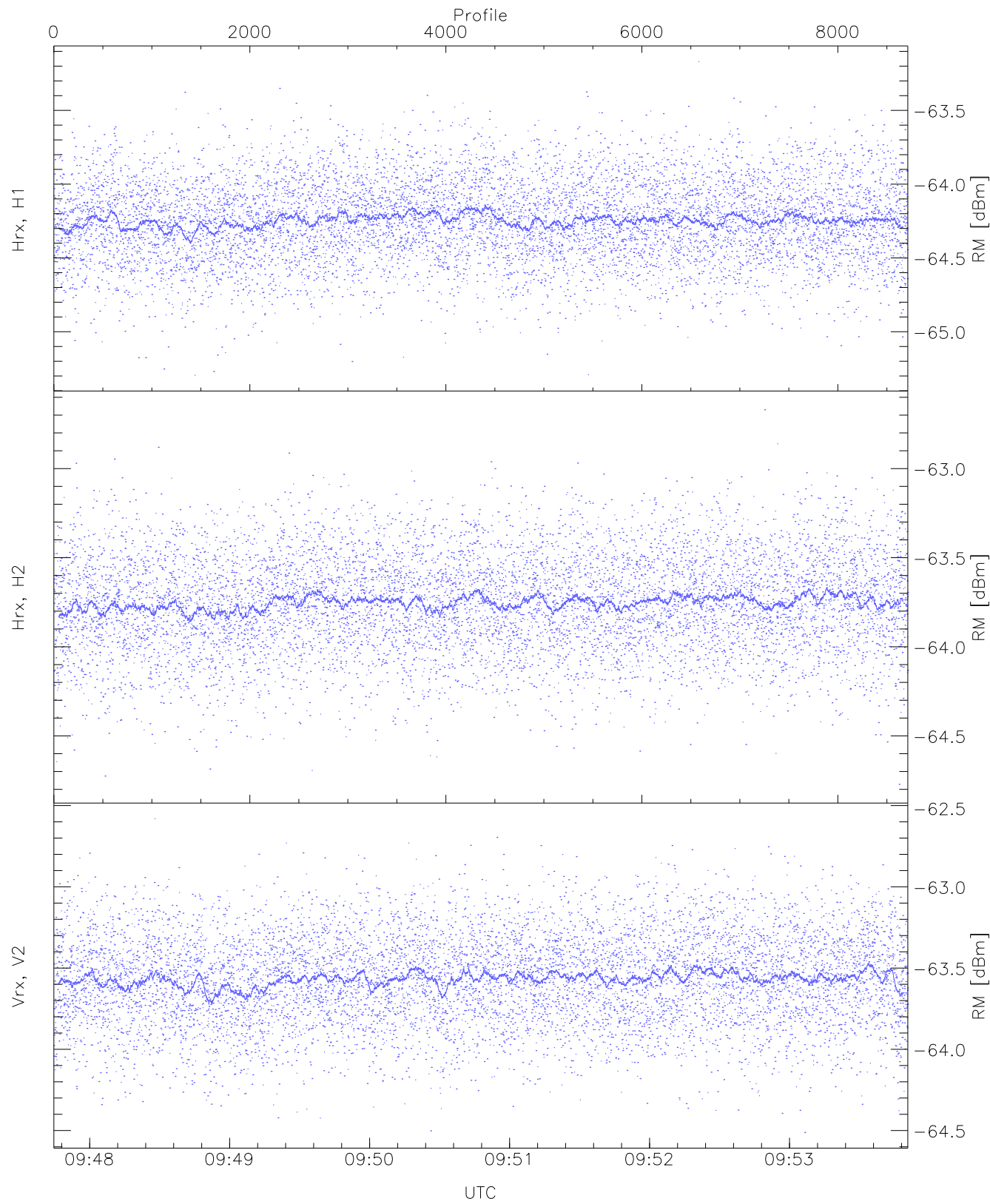
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(WL [dBm]) | -64.74 | -62.83 | -63.72 | -63.72 | -75.87 |
| Hrx, H2(WL [dBm]) | -64.71 | -62.84 | -63.71 | -63.72 | -75.83 |
| Vrx, V2(WL [dBm]) | -64.52 | -62.51 | -63.45 | -63.46 | -75.49 |



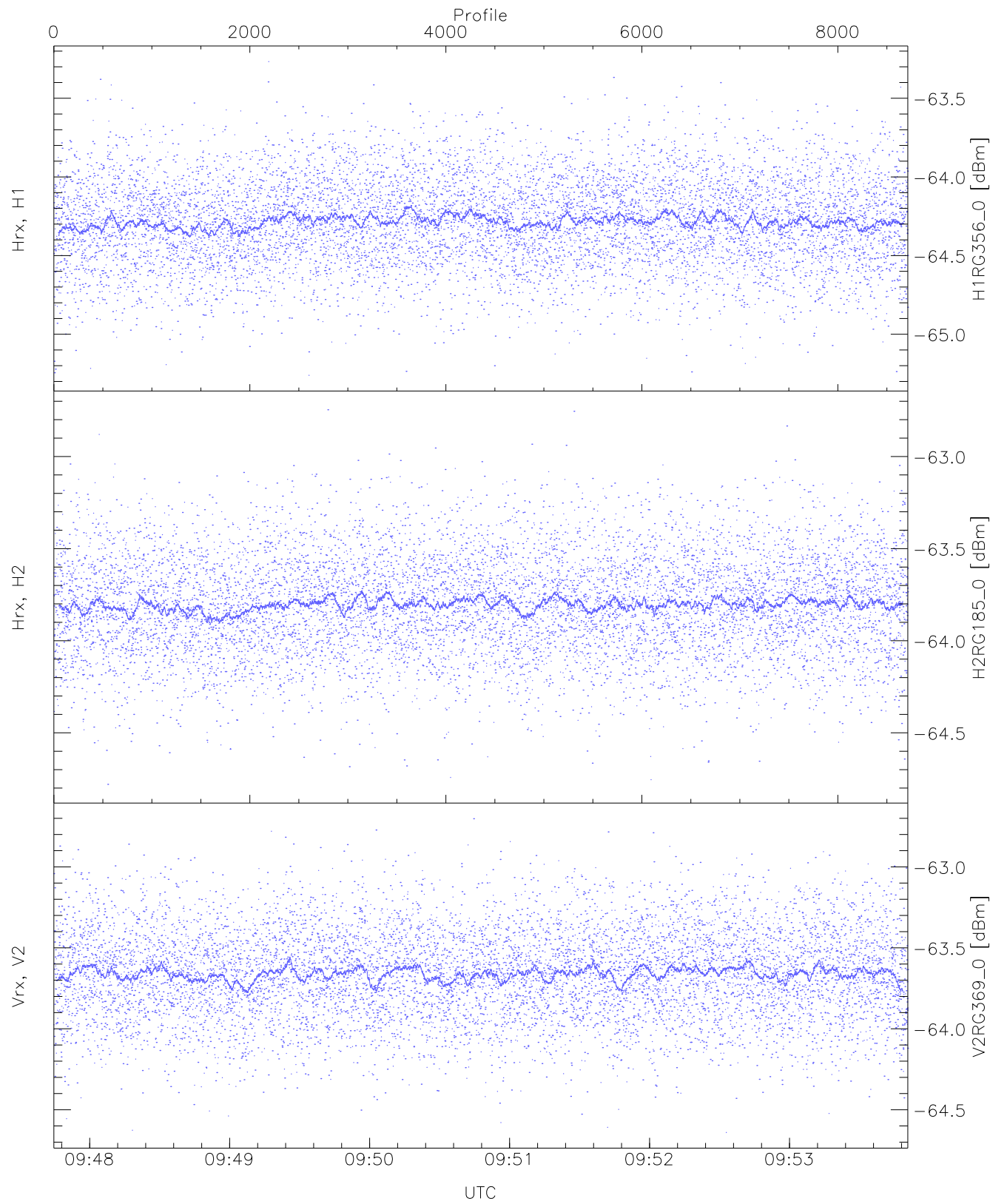
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(HL [dBm]) | -64.57 | -62.62 | -63.52 | -63.52 | -75.67 |
| Hrx, H2(HL [dBm]) | -64.58 | -62.38 | -63.51 | -63.52 | -75.59 |
| Vrx, V2(HL [dBm]) | -64.72 | -62.43 | -63.35 | -63.36 | -75.50 |



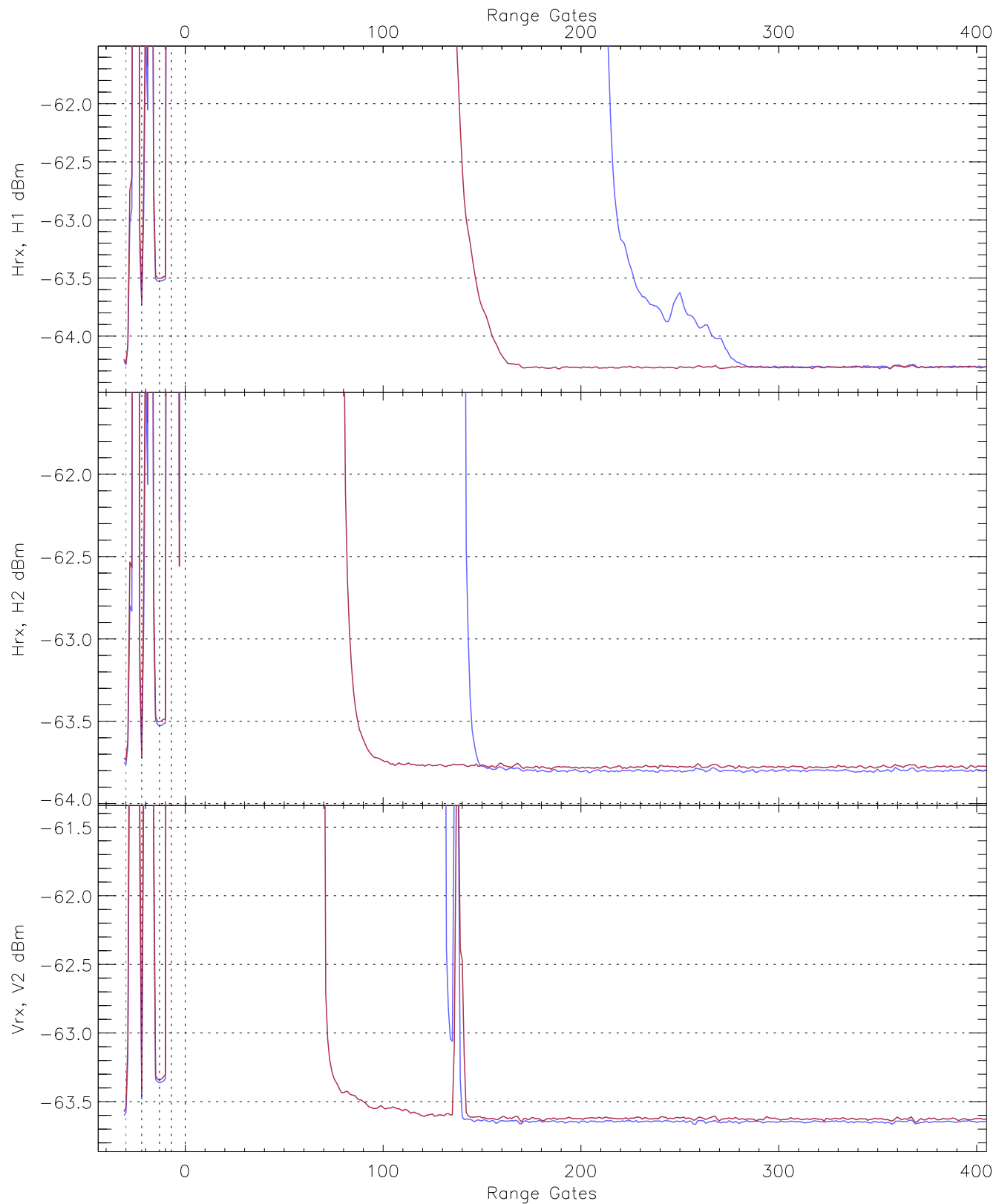
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(RM [dBm]) | -65.30 | -63.17 | -64.24 | -64.25 | -76.34 |
| Hrx, H2(RM [dBm]) | -64.77 | -62.67 | -63.75 | -63.75 | -75.92 |
| Vrx, V2(RM [dBm]) | -64.51 | -62.58 | -63.56 | -63.56 | -75.67 |

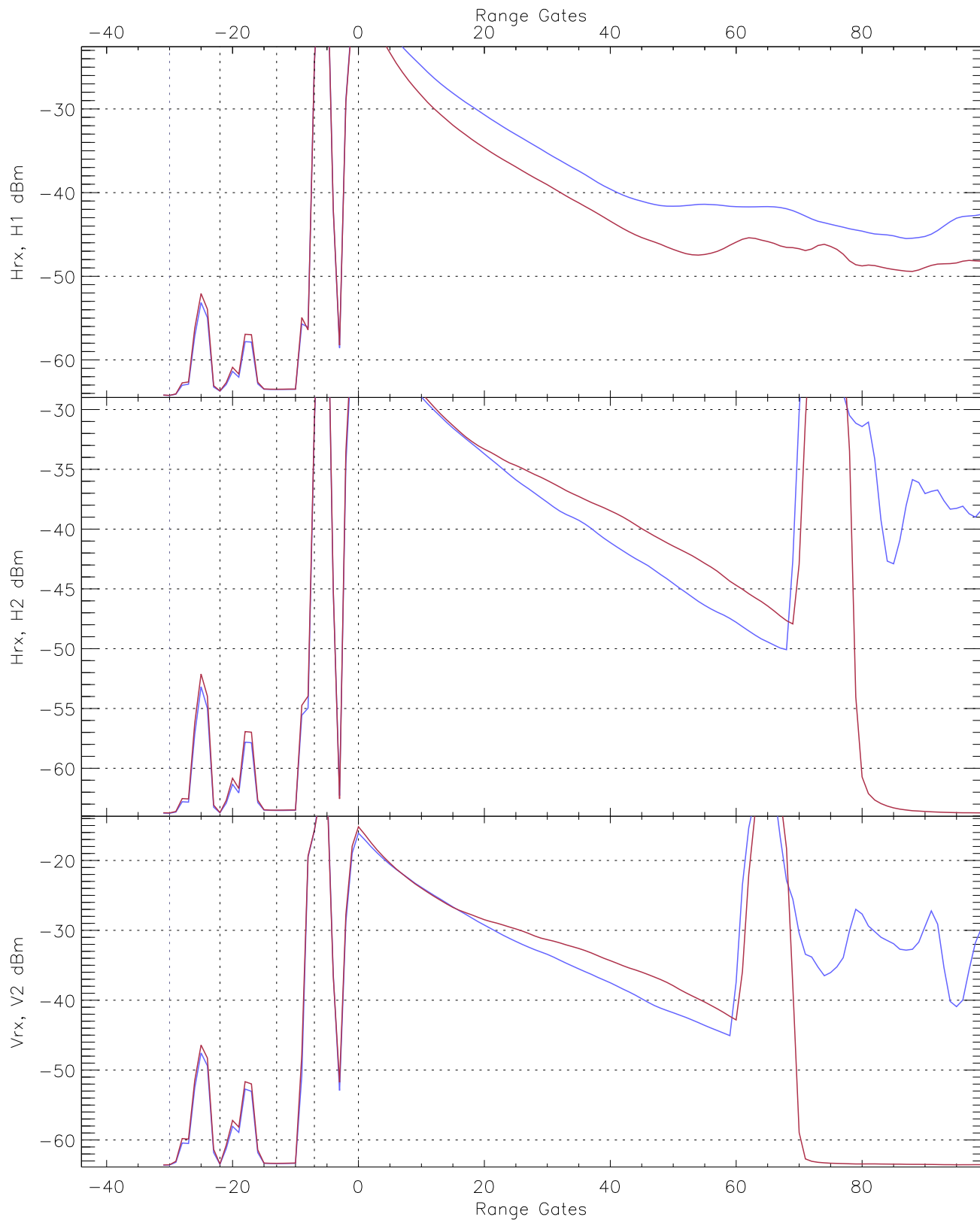


WCR2 CPP "Best" estimate Receivers Noise Power

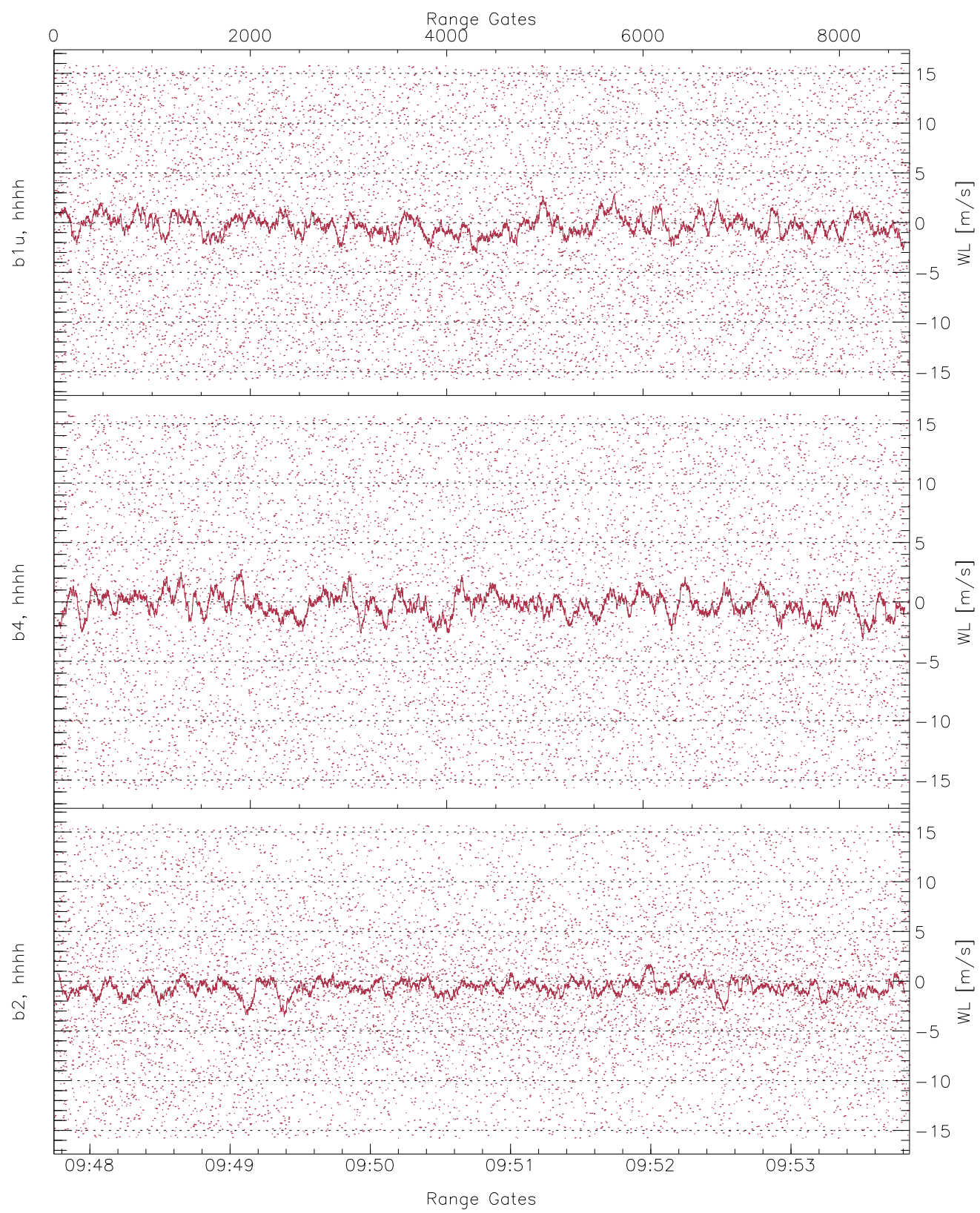
| | Min | Max | Mean | Median | StDev |
|-----------------|--------|--------|--------|--------|--------|
| H1RG356_0 [dBm] | -65.26 | -63.27 | -64.28 | -64.28 | -76.35 |
| H2RG185_0 [dBm] | -64.78 | -62.75 | -63.80 | -63.81 | -75.99 |
| V2RG369_0 [dBm] | -64.64 | -62.70 | -63.66 | -63.66 | -75.77 |



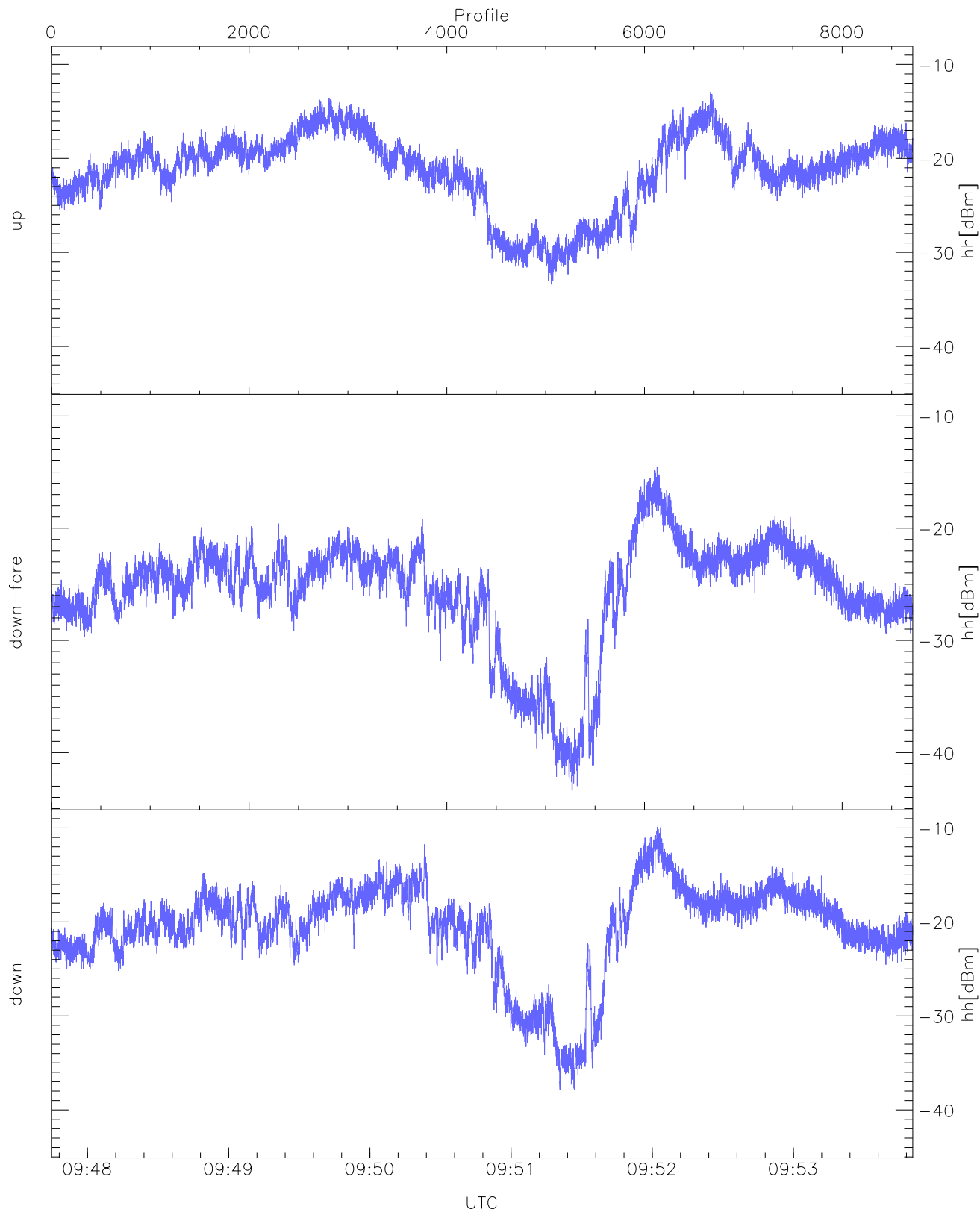
WCR2 CPP Averaged Received power for all recorded gates
 blue: 094745-095048, 4358 profiles averaged
 red: 095048-095351, 4358 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
 blue: 094745-095048, 4358 profiles averaged
 red: 095048-095351, 4358 profiles averaged

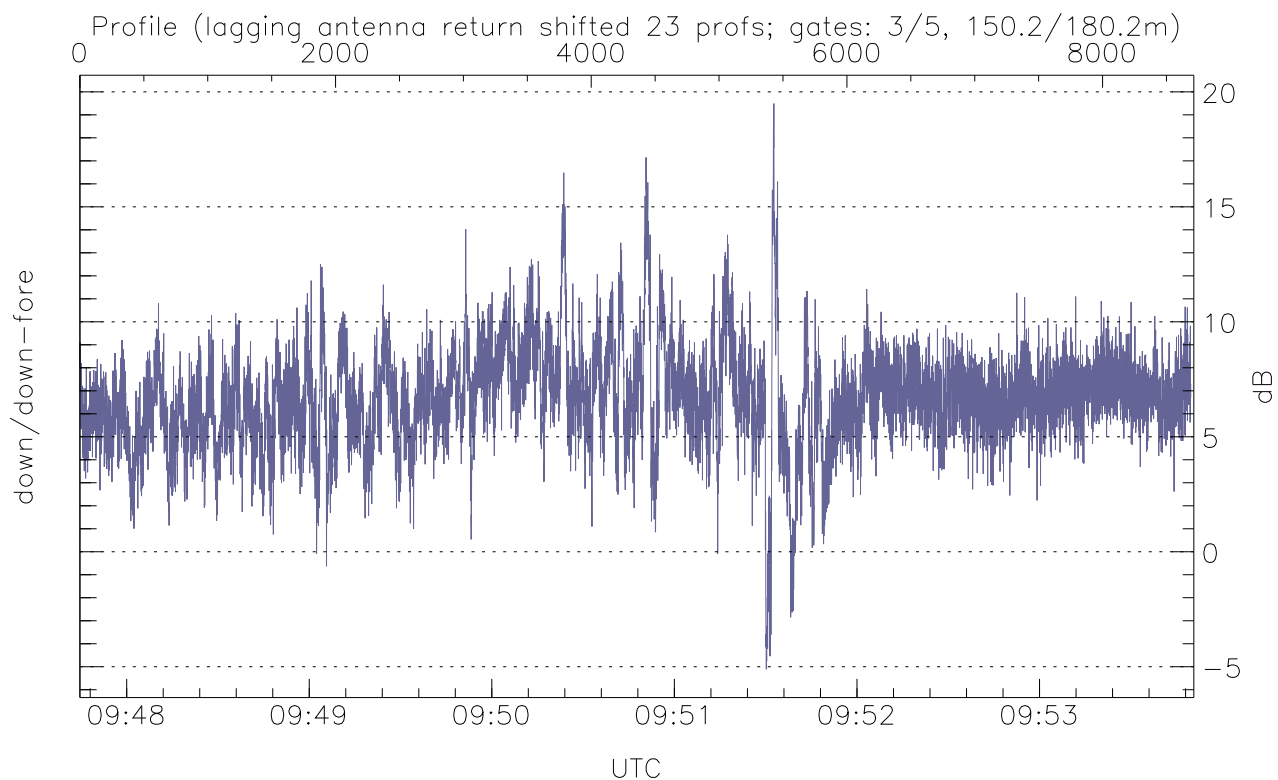
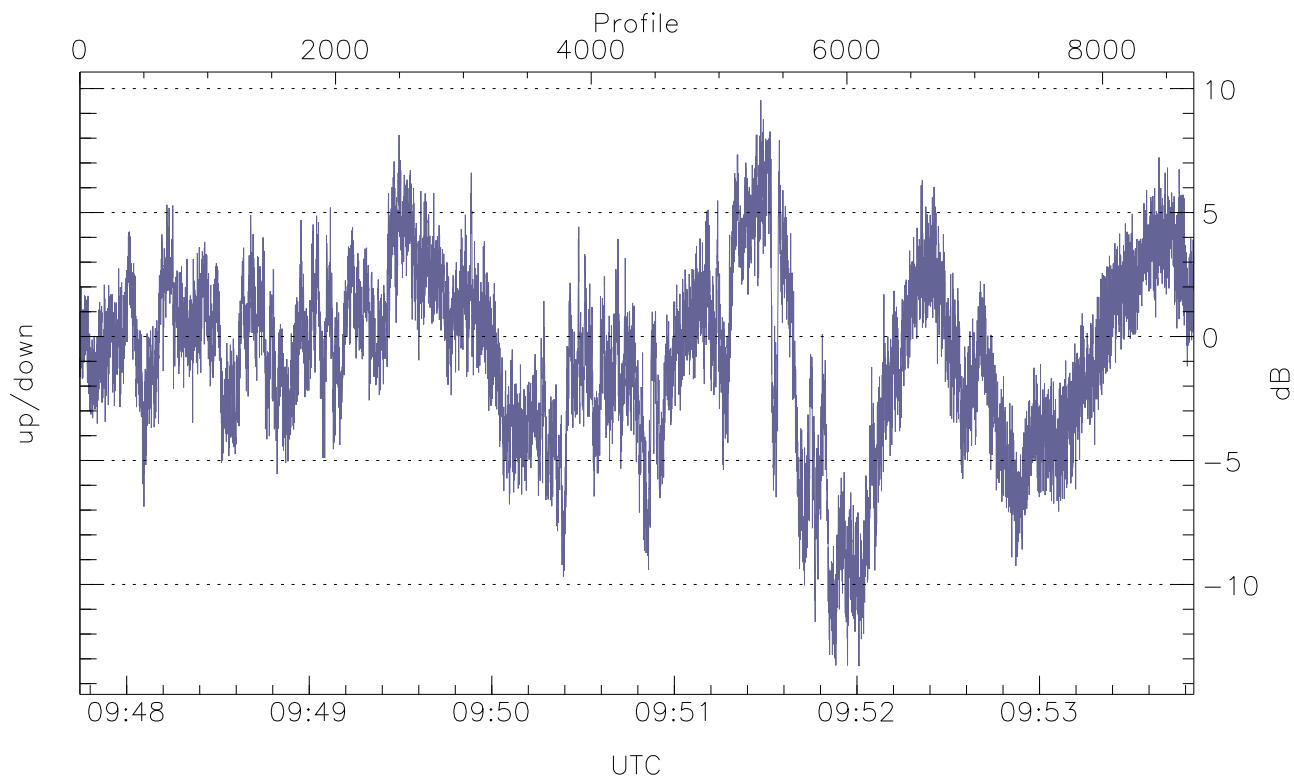


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements

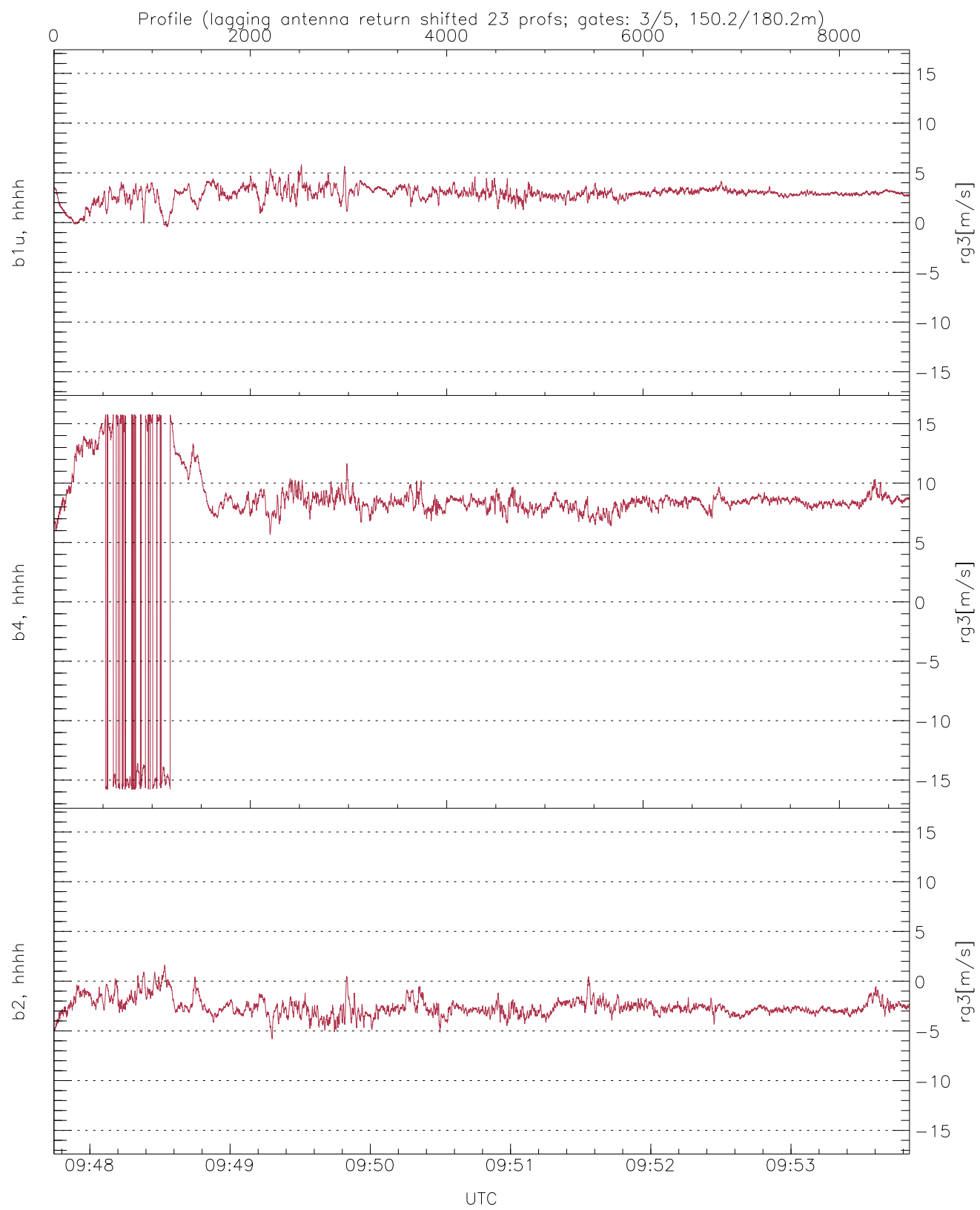


WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

| | Min | Max | Mean |
|--------------------|--------|--------|--------|
| up(hh[dBm]) | -33.41 | -12.94 | -19.88 |
| down-fore(hh[dBm]) | -43.43 | -14.56 | -23.81 |
| down(hh[dBm]) | -37.86 | -9.75 | -18.74 |



| WCR2 Beam pairs Received Power Ratio(s) | | | |
|---|--------|-------|-------|
| | Min | Max | Mean |
| up/down(dB) | -13.29 | 9.53 | -0.76 |
| down/down-fore(dB) | -5.11 | 19.49 | 6.68 |



WCR2 CPP Doppler Velocity Products at 150.2 m range

| | Min | Max | Mean | StDev |
|---------------------|--------|-------|-------|-------|
| b1u, hhhh(rg3[m/s]) | -0.44 | 5.82 | 2.87 | 0.78 |
| b4, hhhh(rg3[m/s]) | -15.80 | 15.79 | 7.80 | 5.30 |
| b2, hhhh(rg3[m/s]) | -5.82 | 1.62 | -2.60 | 0.89 |