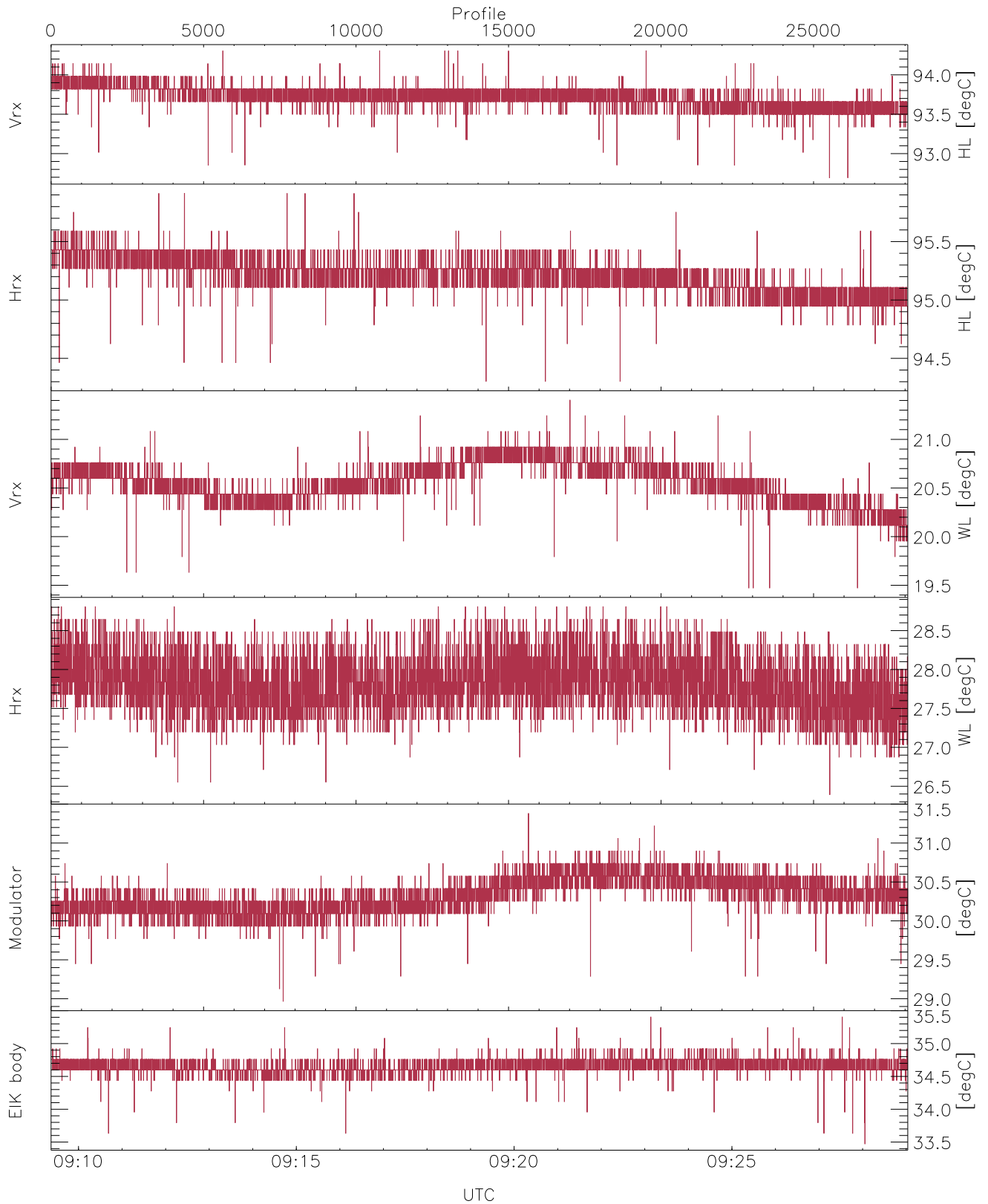


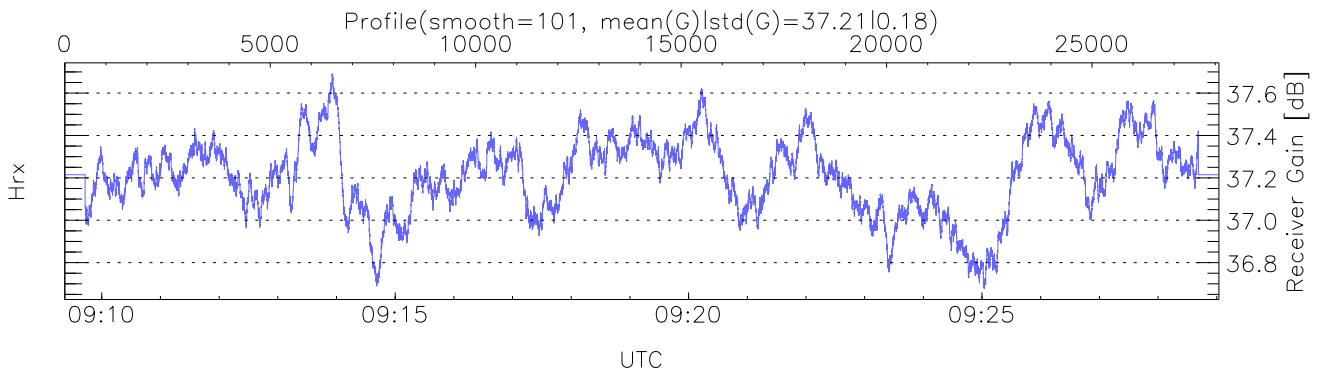
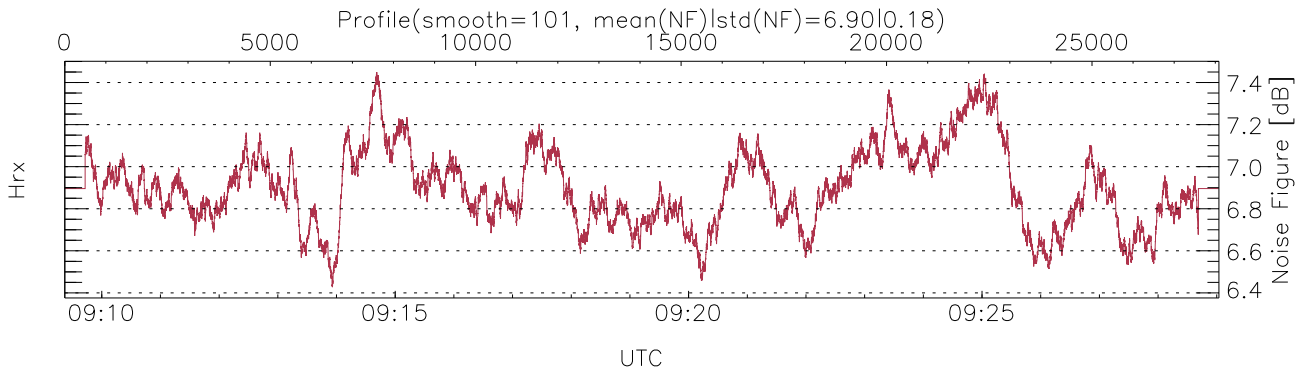
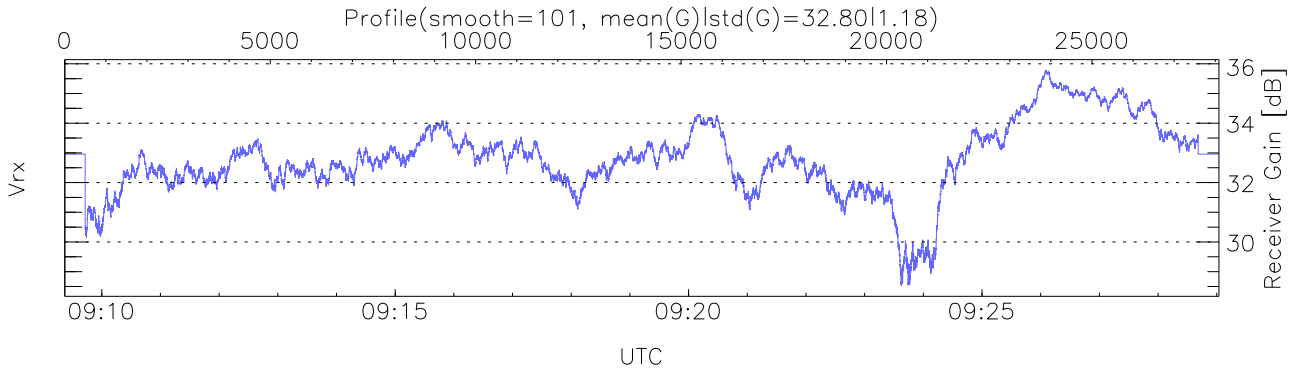
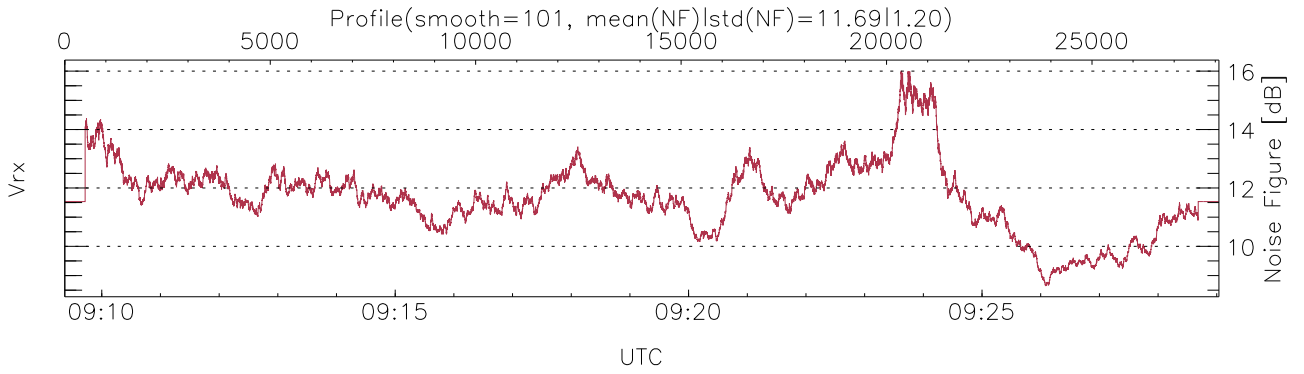
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 09:09:22-09:29:02, Dur: 1180.08s
 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): 28091/28091, 0-28090/09:09:22-09:29:02
 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(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



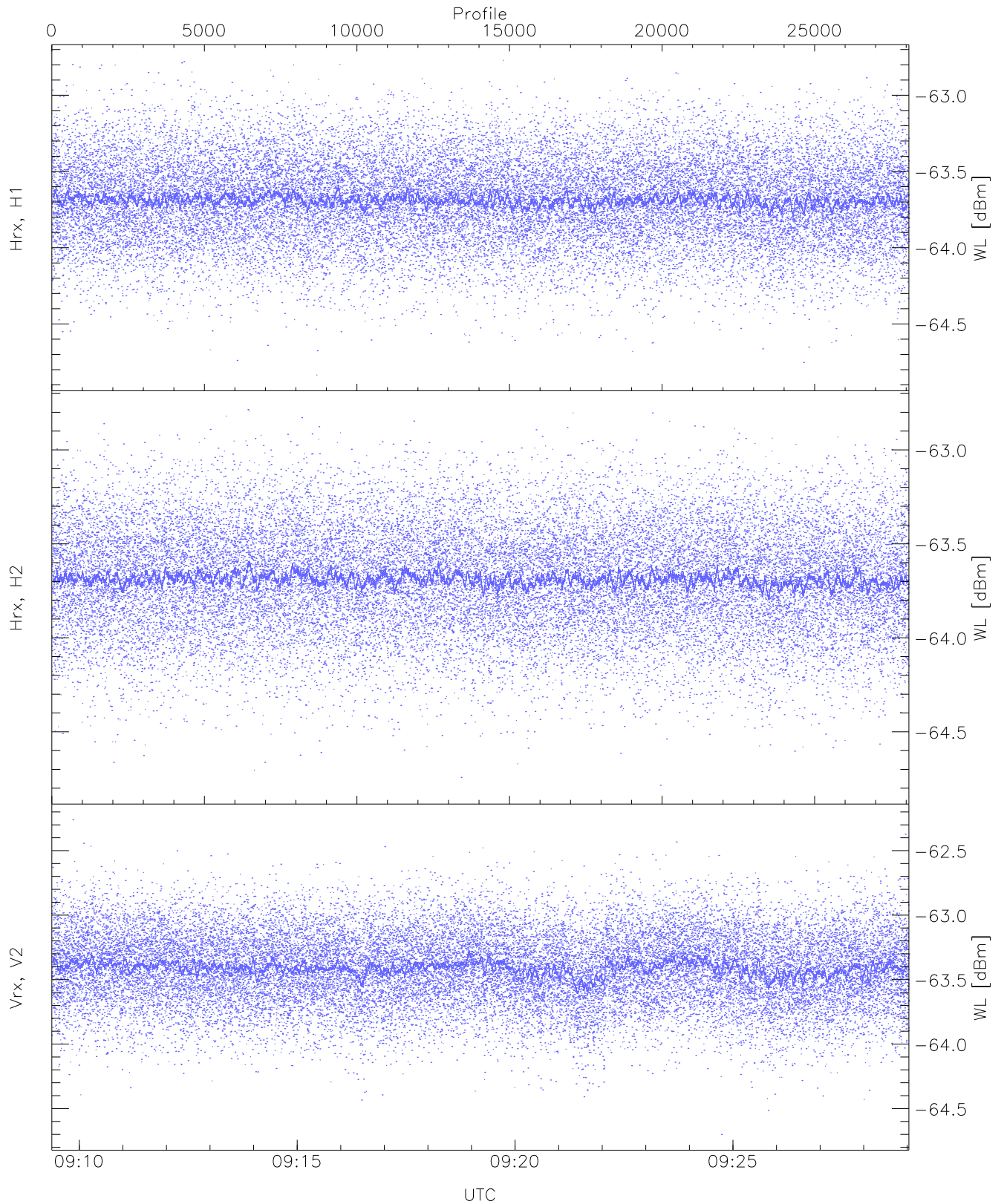
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,28,33
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,21,28,31,35
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



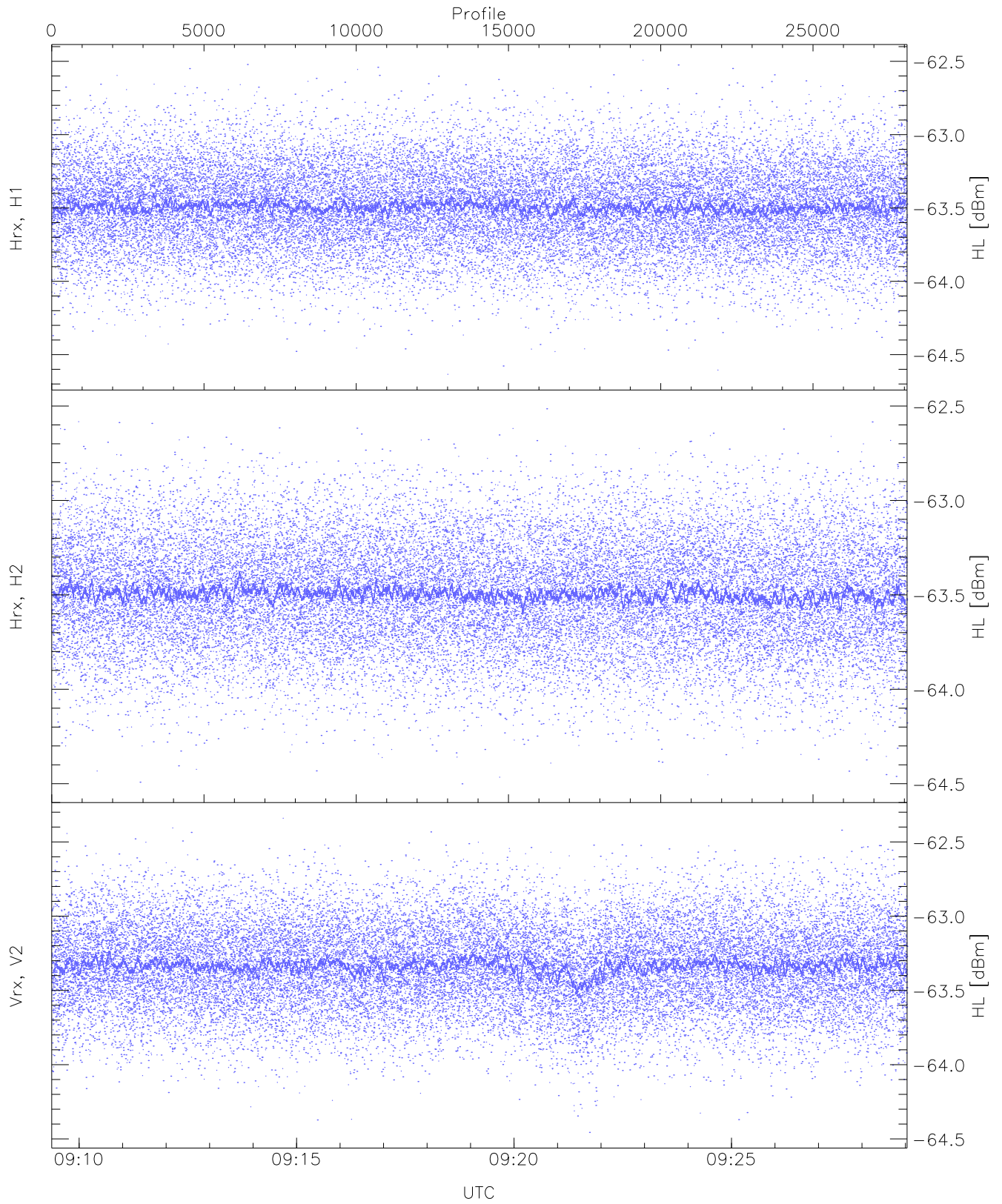
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 686 pixs, 8 gates, 593 profs, 1 prods



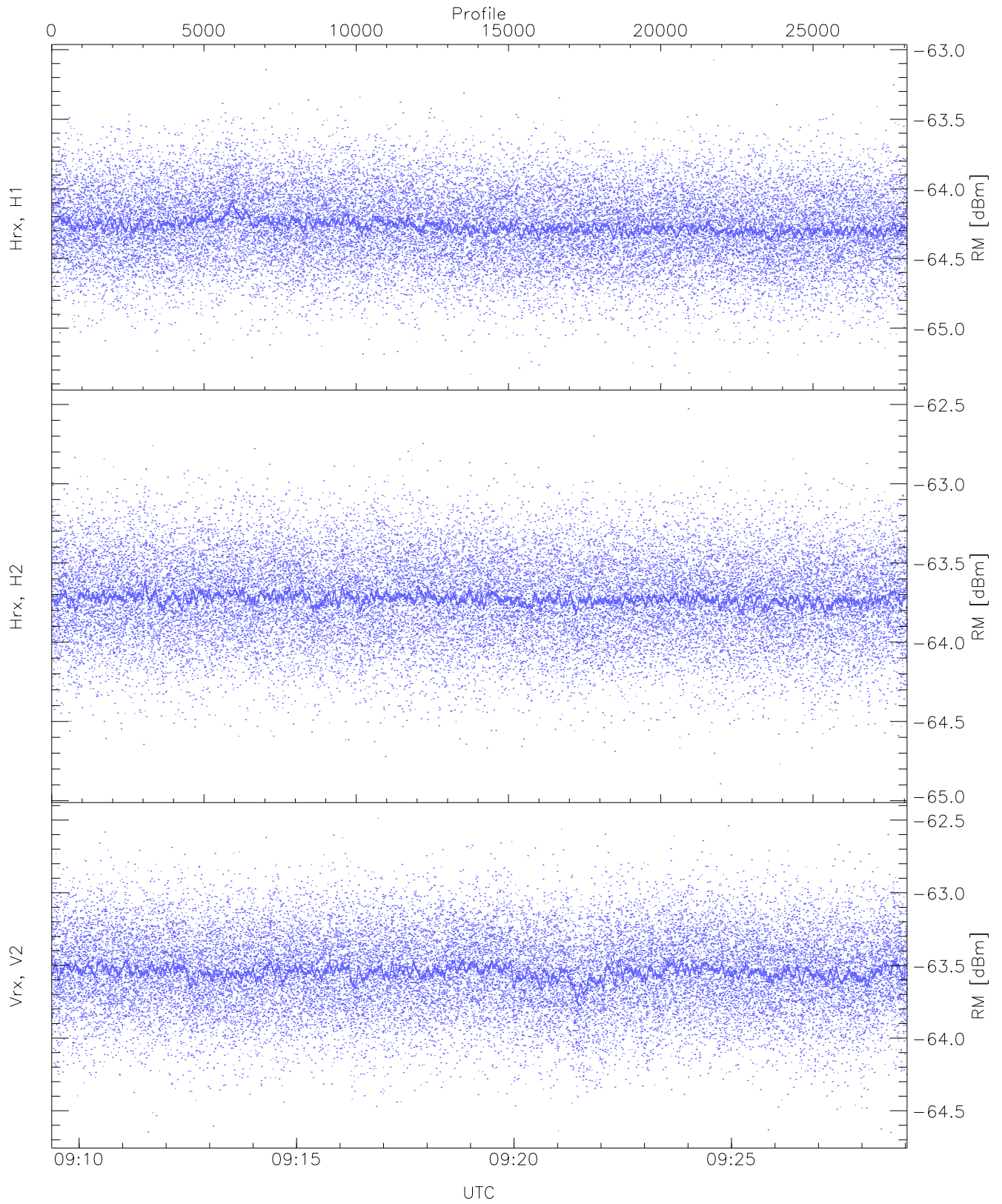
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.83 | -62.77 | -63.68 | -63.69 | -75.82 |
| Hrx, H2 (WL [dBm]) | -64.78 | -62.79 | -63.68 | -63.69 | -75.83 |
| Vrx, V2 (WL [dBm]) | -64.70 | -62.26 | -63.41 | -63.41 | -75.45 |



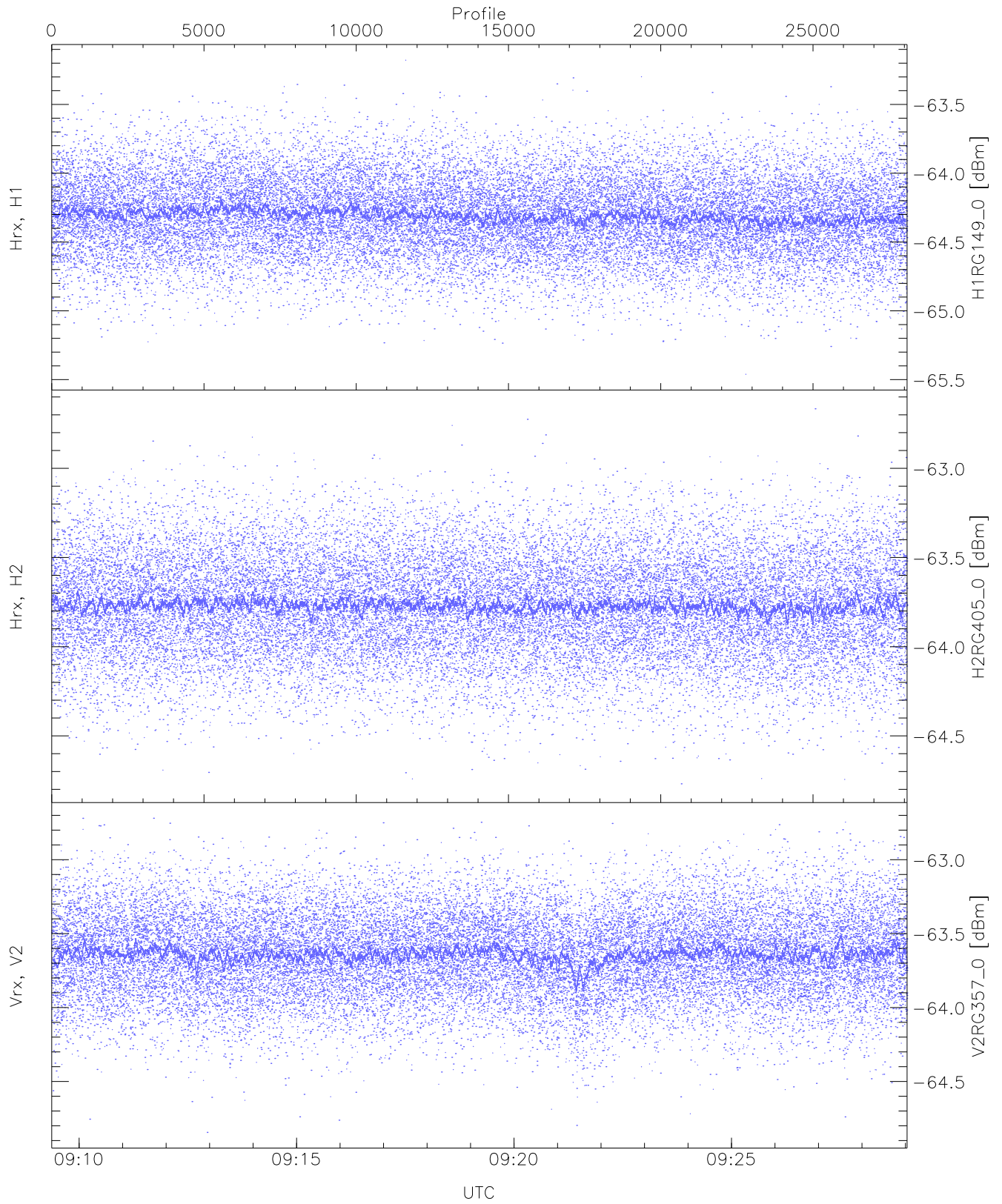
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.63 | -62.49 | -63.49 | -63.49 | -75.61 |
| Hrx, H2 (HL [dBm]) | -64.50 | -62.51 | -63.49 | -63.50 | -75.61 |
| Vrx, V2 (HL [dBm]) | -64.46 | -62.34 | -63.33 | -63.34 | -75.46 |



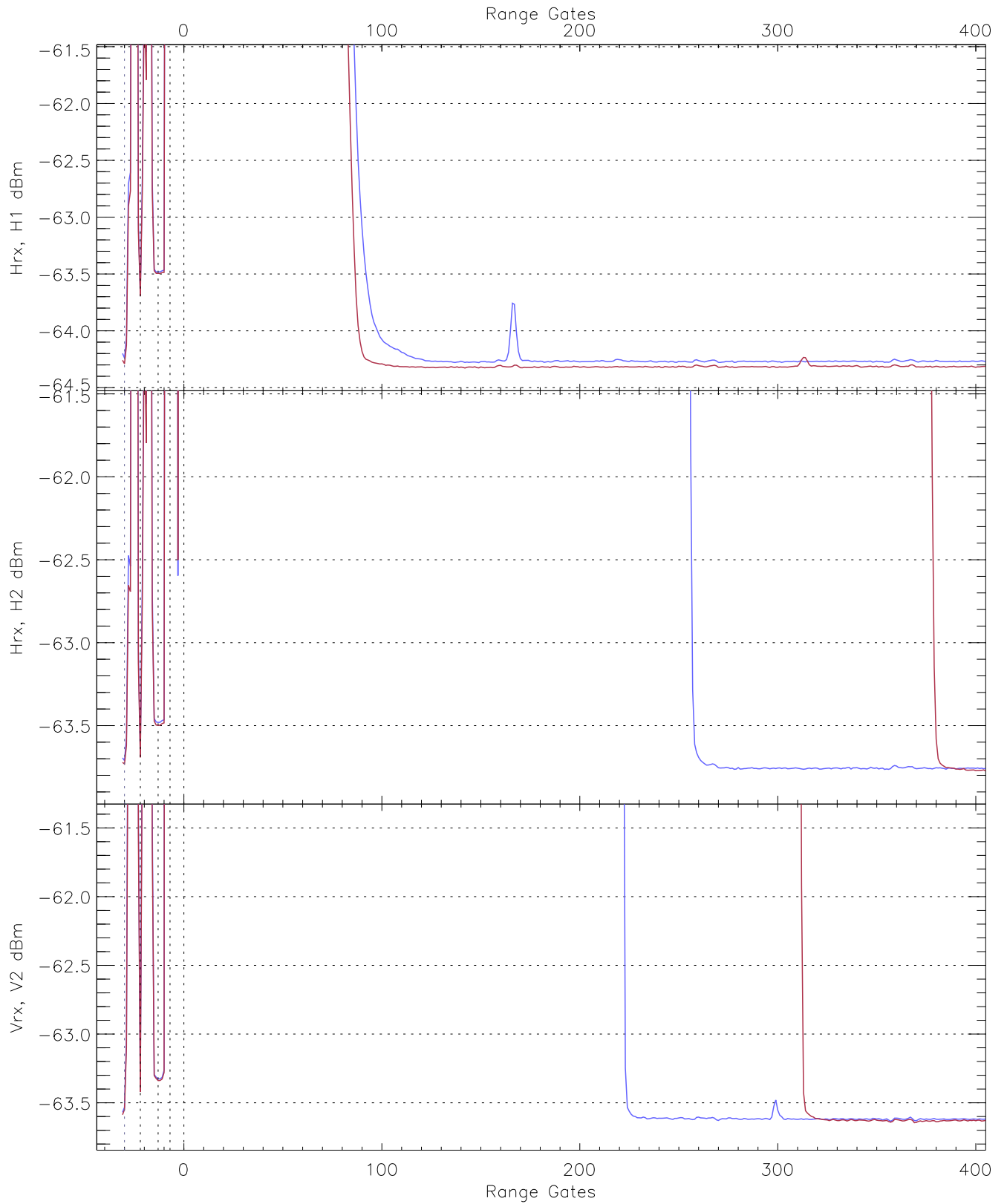
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.33 | -63.08 | -64.26 | -64.27 | -76.41 |
| Hrx, H2 (RM [dBm]) | -64.89 | -62.53 | -63.72 | -63.73 | -75.86 |
| Vrx, V2 (RM [dBm]) | -64.65 | -62.49 | -63.54 | -63.55 | -75.61 |

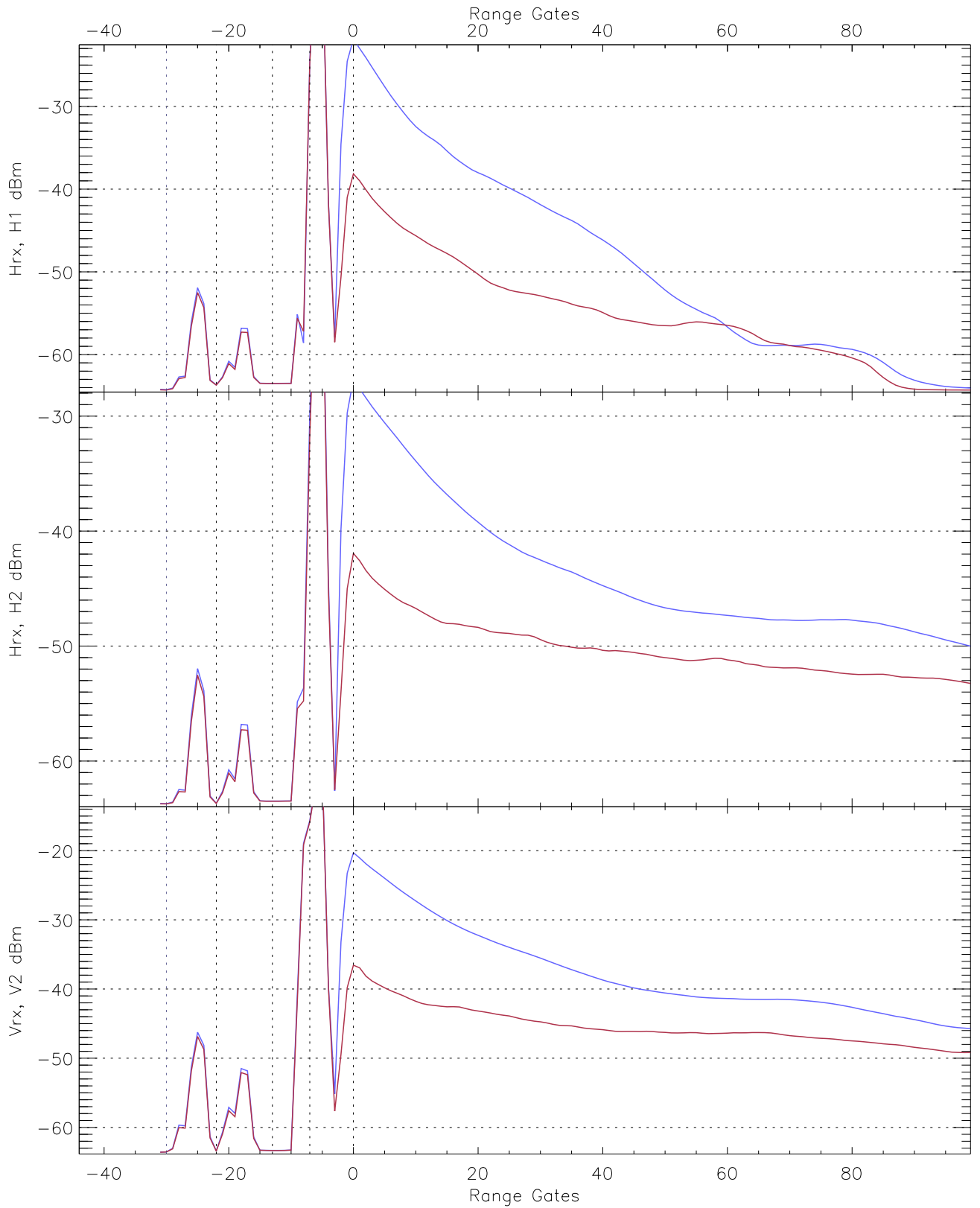


WCR2 CPP "Best" estimate Receivers Noise Power

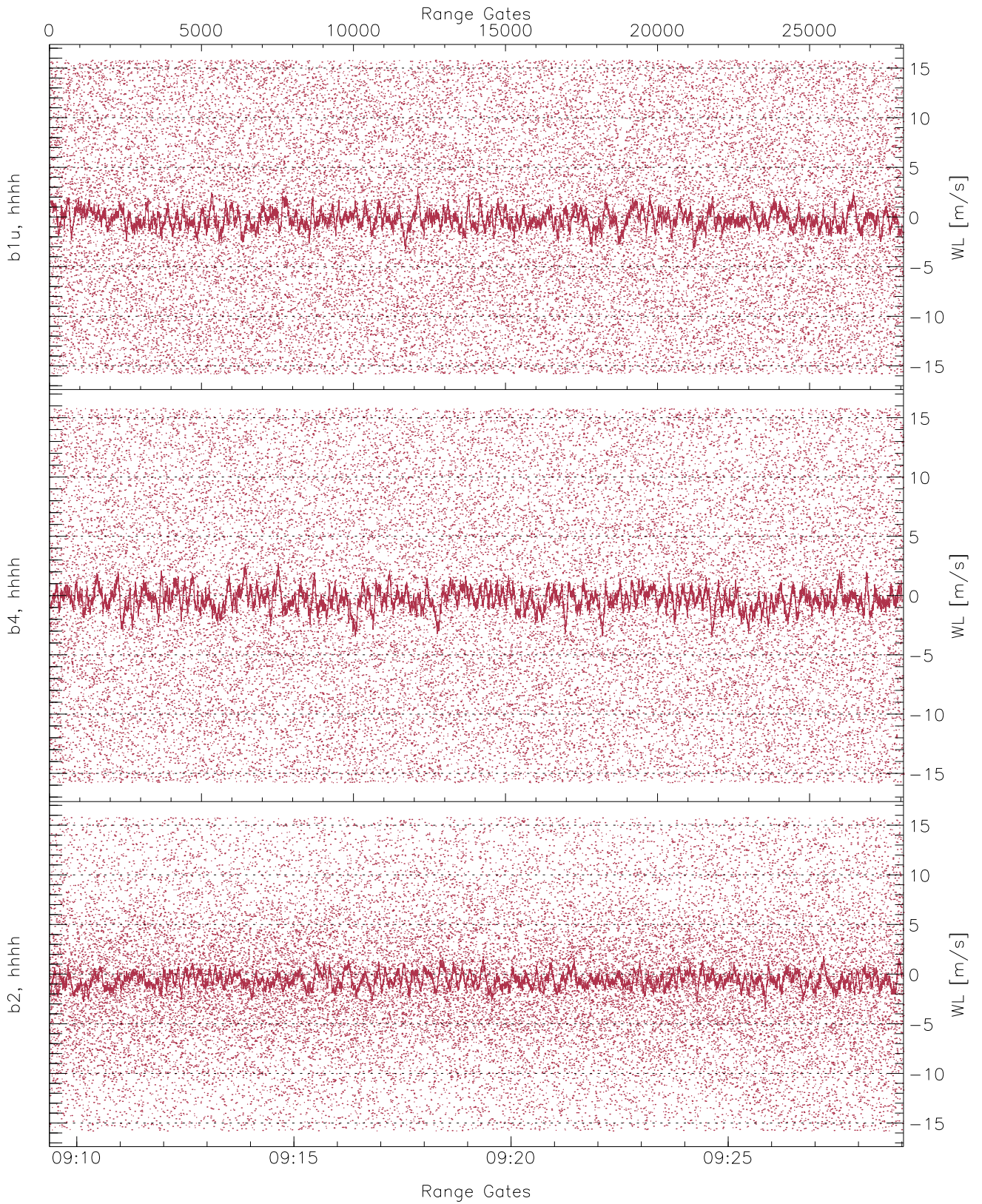
| | Min | Max | Mean | Median | StDev |
|-----------------|--------|--------|--------|--------|--------|
| H1RG149_0 [dBm] | -65.46 | -63.18 | -64.30 | -64.31 | -76.40 |
| H2RG405_0 [dBm] | -64.77 | -62.67 | -63.77 | -63.77 | -75.89 |
| V2RG357_0 [dBm] | -64.84 | -62.72 | -63.64 | -63.64 | -75.74 |



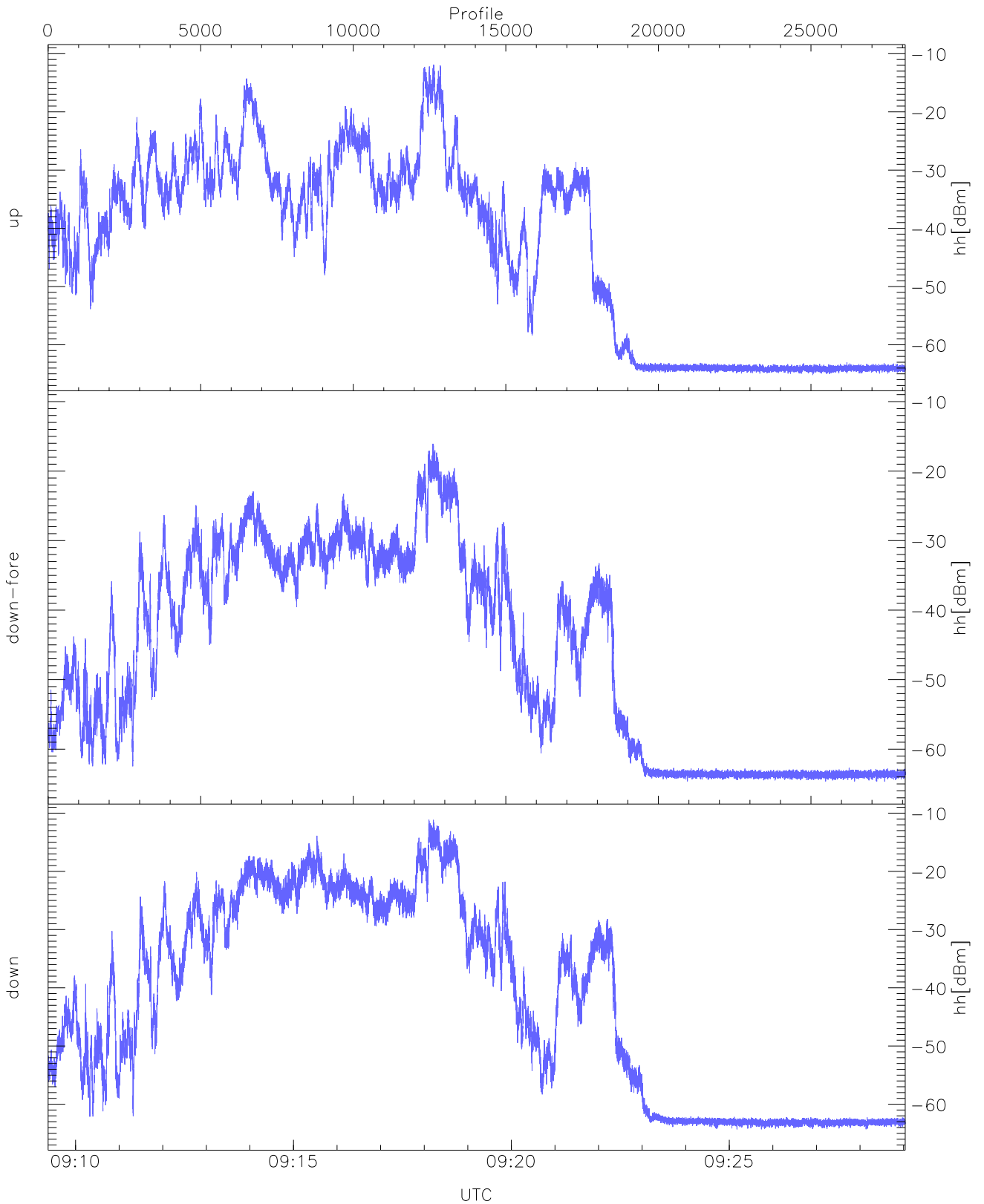
WCR2 CPP Averaged Received power for all recorded gates
blue: 090922-091912, 14046 profiles averaged
red: 091912-092902, 14046 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 090922-091912, 14046 profiles averaged
red: 091912-092902, 14046 profiles averaged

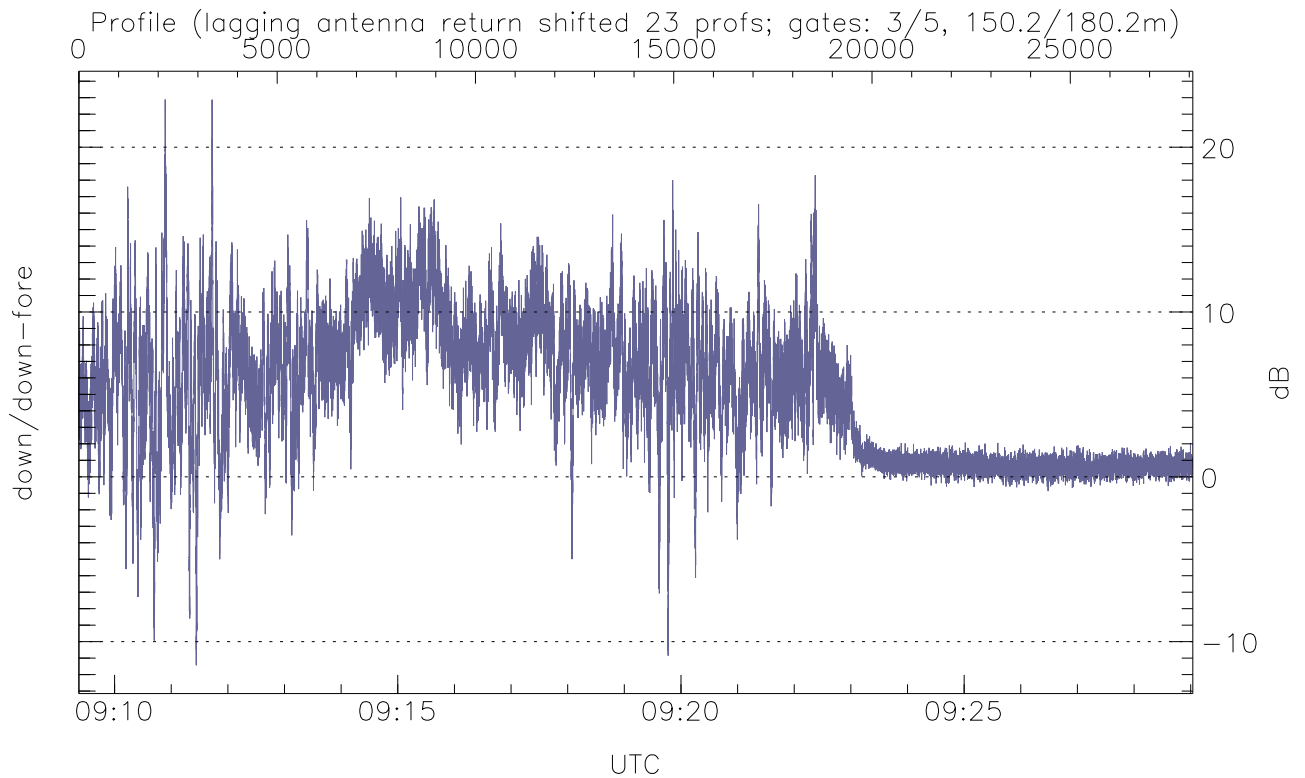
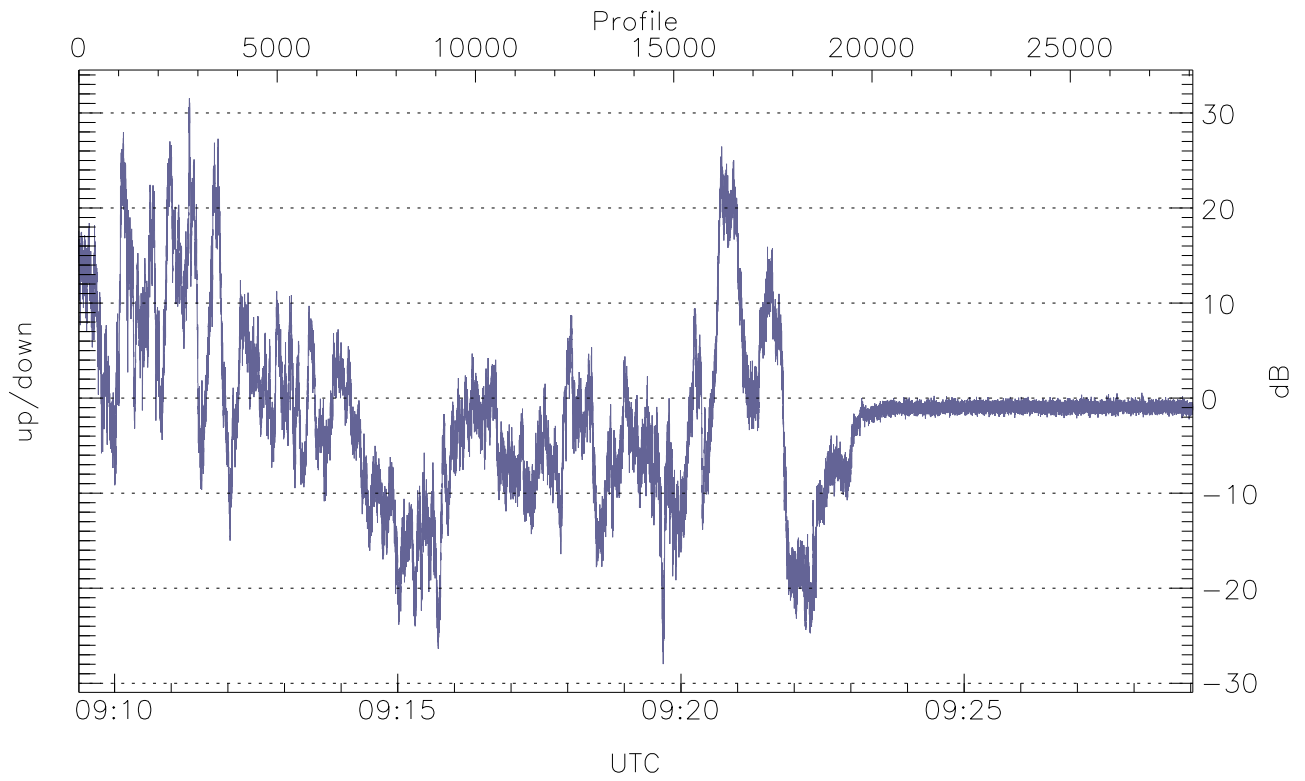


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



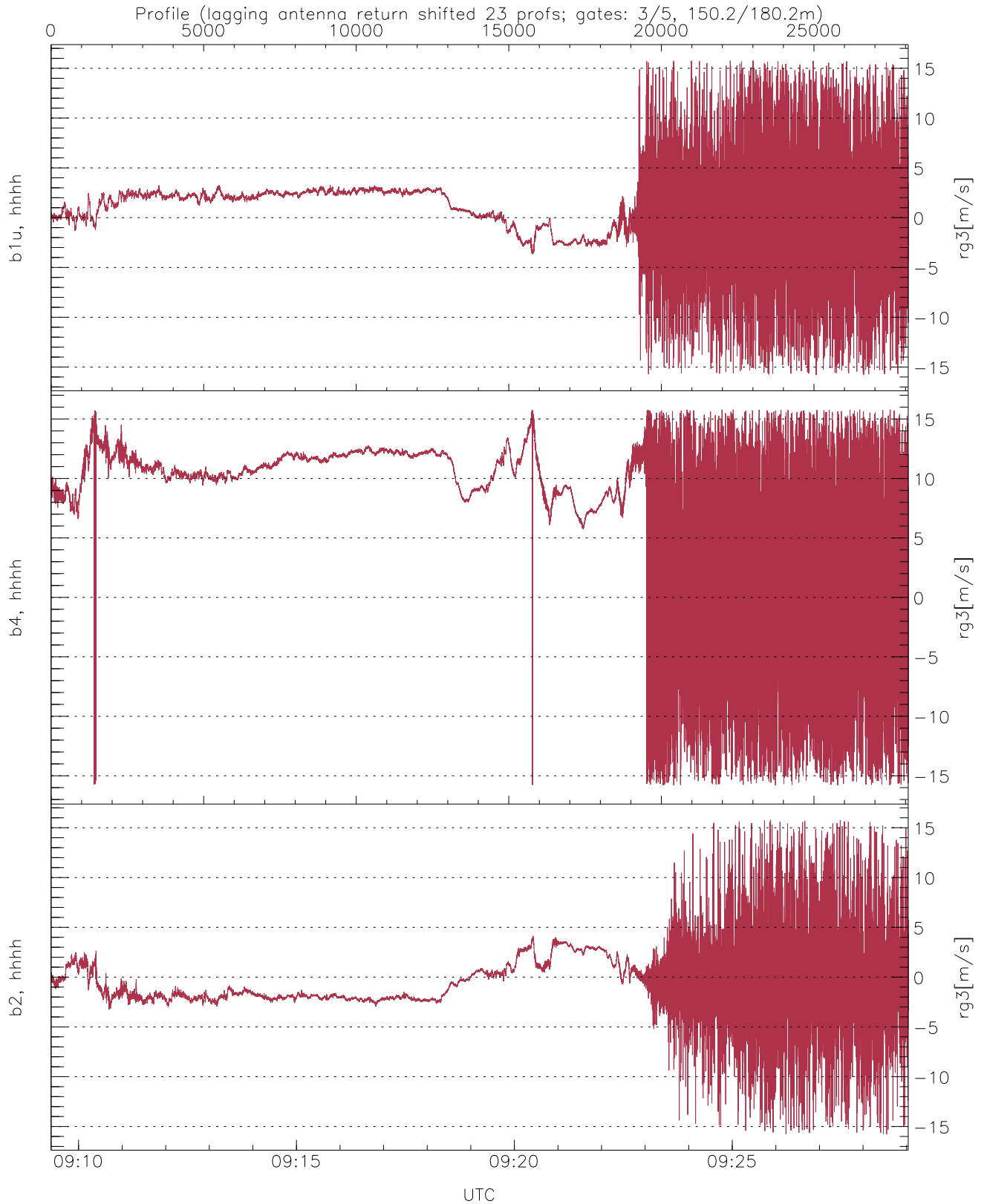
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

| | Min | Max | Mean |
|---------------------|--------|--------|--------|
| up(hh [dBm]) | -65.19 | -11.94 | -28.19 |
| down-fore(hh [dBm]) | -64.66 | -16.07 | -32.06 |
| down(hh [dBm]) | -64.32 | -11.14 | -25.53 |



WCR2 Beam pairs Received Power Ratio(s)

| | Min | Max | Mean |
|---------------------|--------|-------|-------|
| up/down (dB) | -27.98 | 31.54 | -1.49 |
| down/down-fore (dB) | -11.43 | 22.89 | 5.13 |



WCR2 CPP Doppler Velocity Products at 150.2 m range

| | Min | Max | Mean | StDev |
|---------------------|--------|-------|-------|-------|
| b1u, hhhh(rg3[m/s]) | -15.79 | 15.77 | 0.63 | 3.65 |
| b4, hhhh(rg3[m/s]) | -15.80 | 15.80 | 7.58 | 6.62 |
| b2, hhhh(rg3[m/s]) | -15.79 | 15.79 | -0.57 | 2.90 |