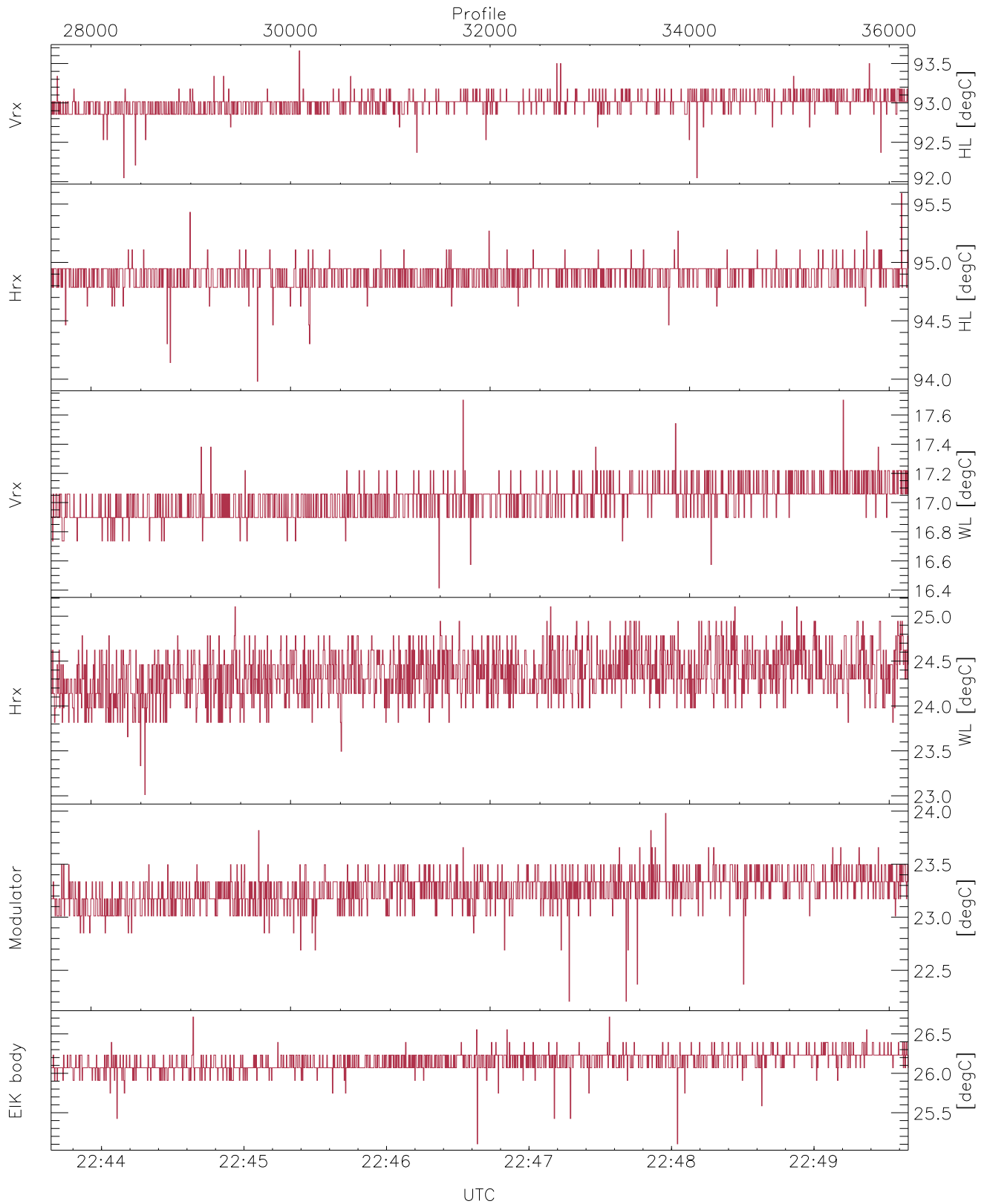


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

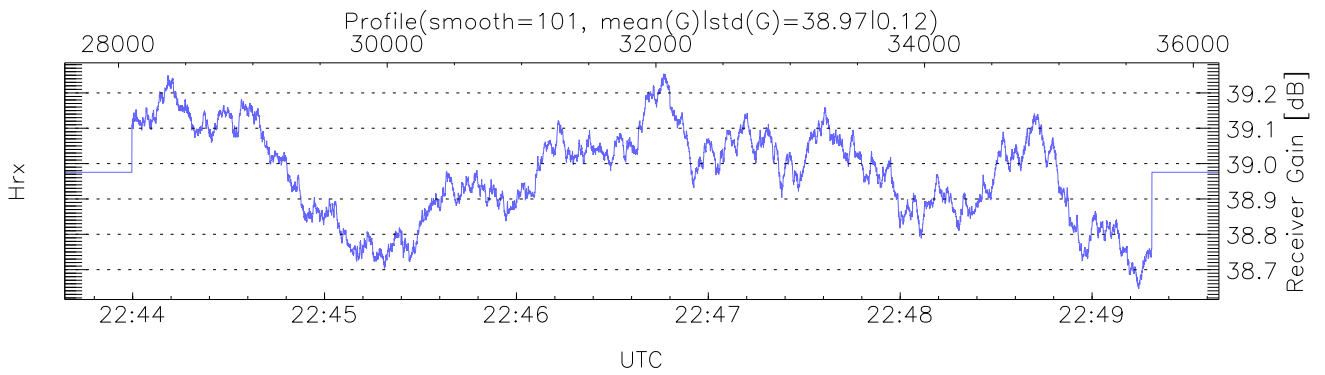
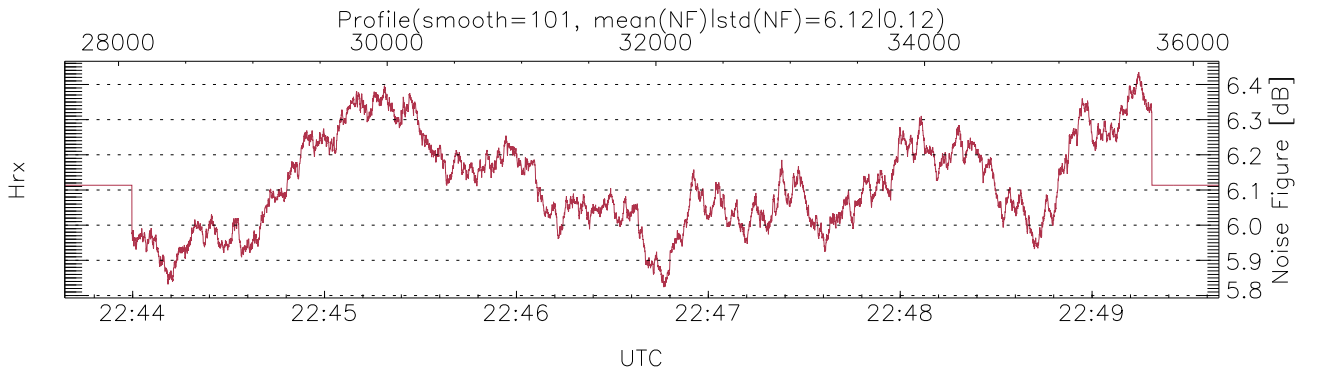
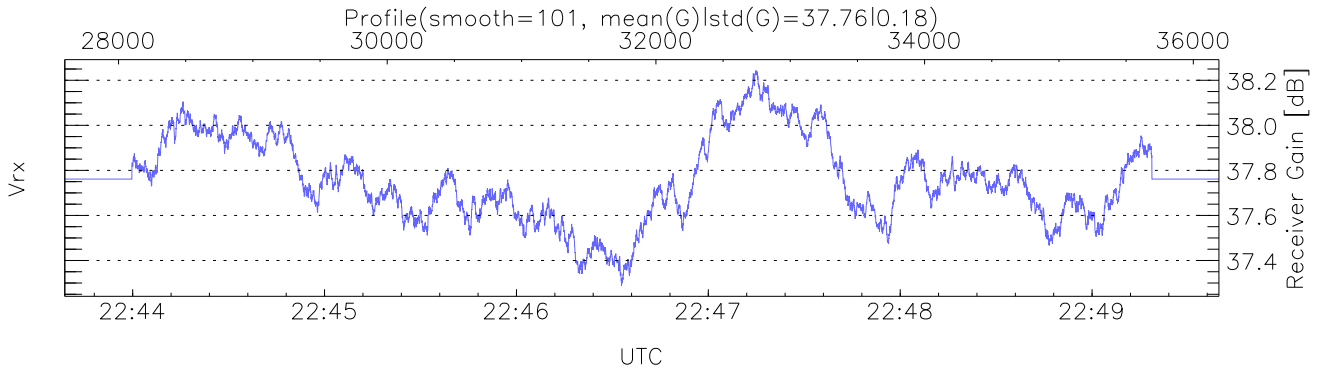
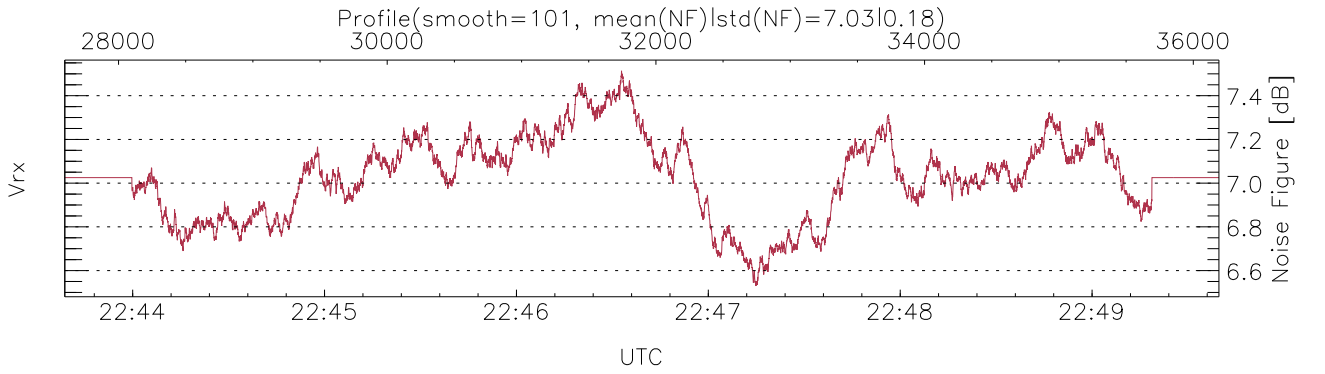
UTC: 22:24:19-22:49:40, Dur: 1520.40s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 8592/36192, 27600-36191/22:43:39-22:49:40
 AcqTime: 42.0ms, Rate: 461KB/s, Averages: 140
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 97,3634,7.5 m, Gates: 472, Aspect: 2.0
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

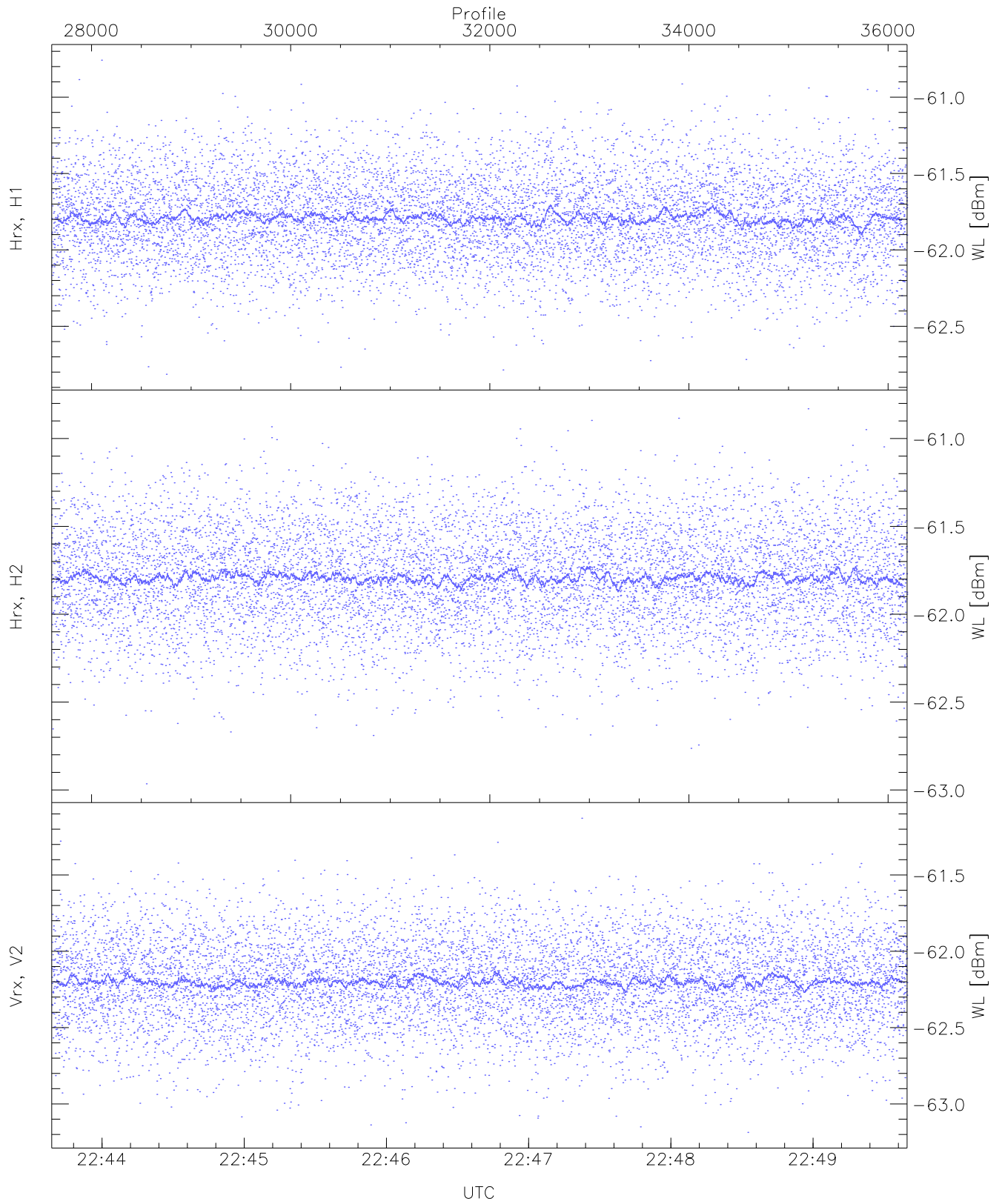
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,22,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,17,25,23,26
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
  BodyCurr,DeckF (6,6)
    
```



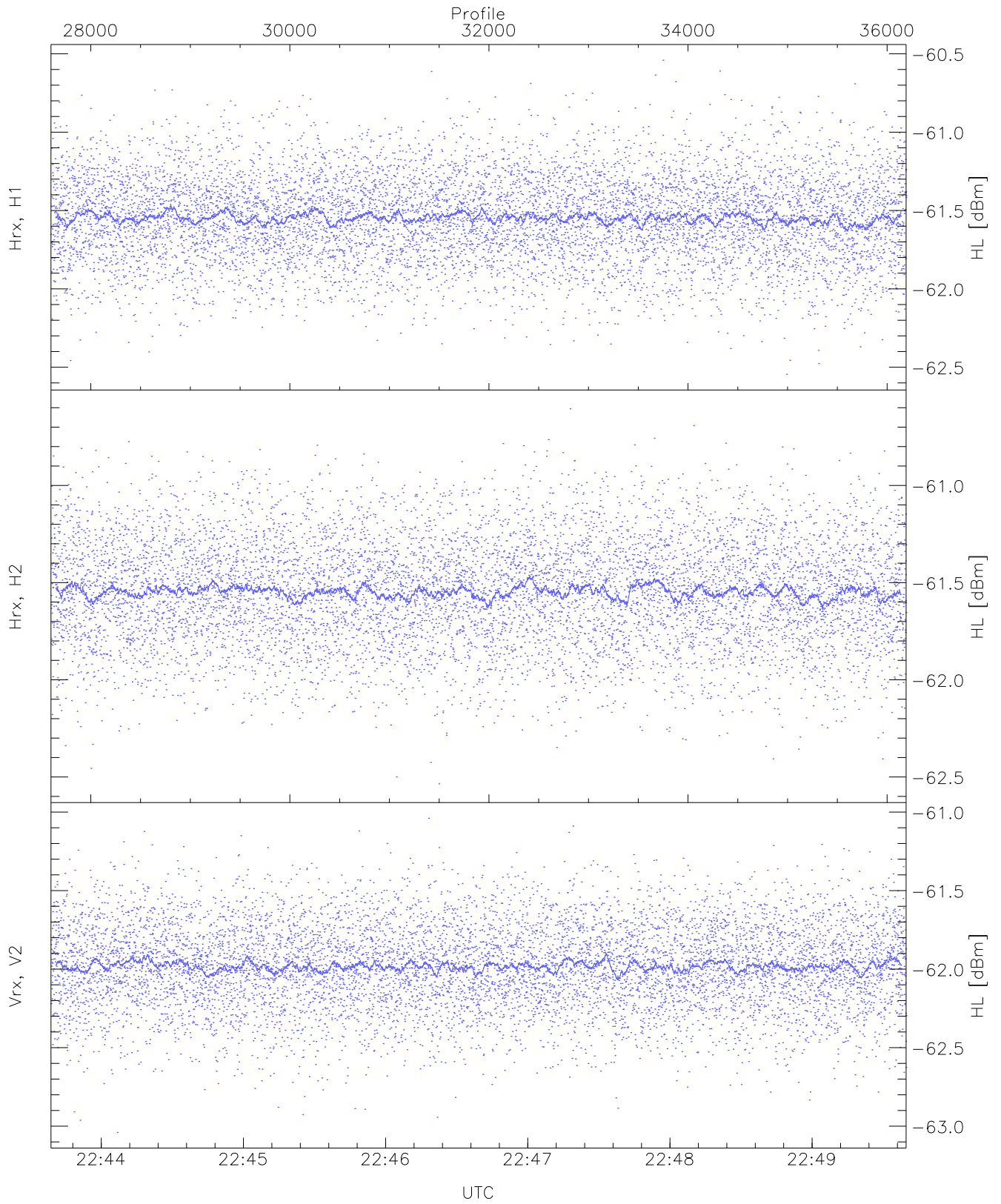
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prods



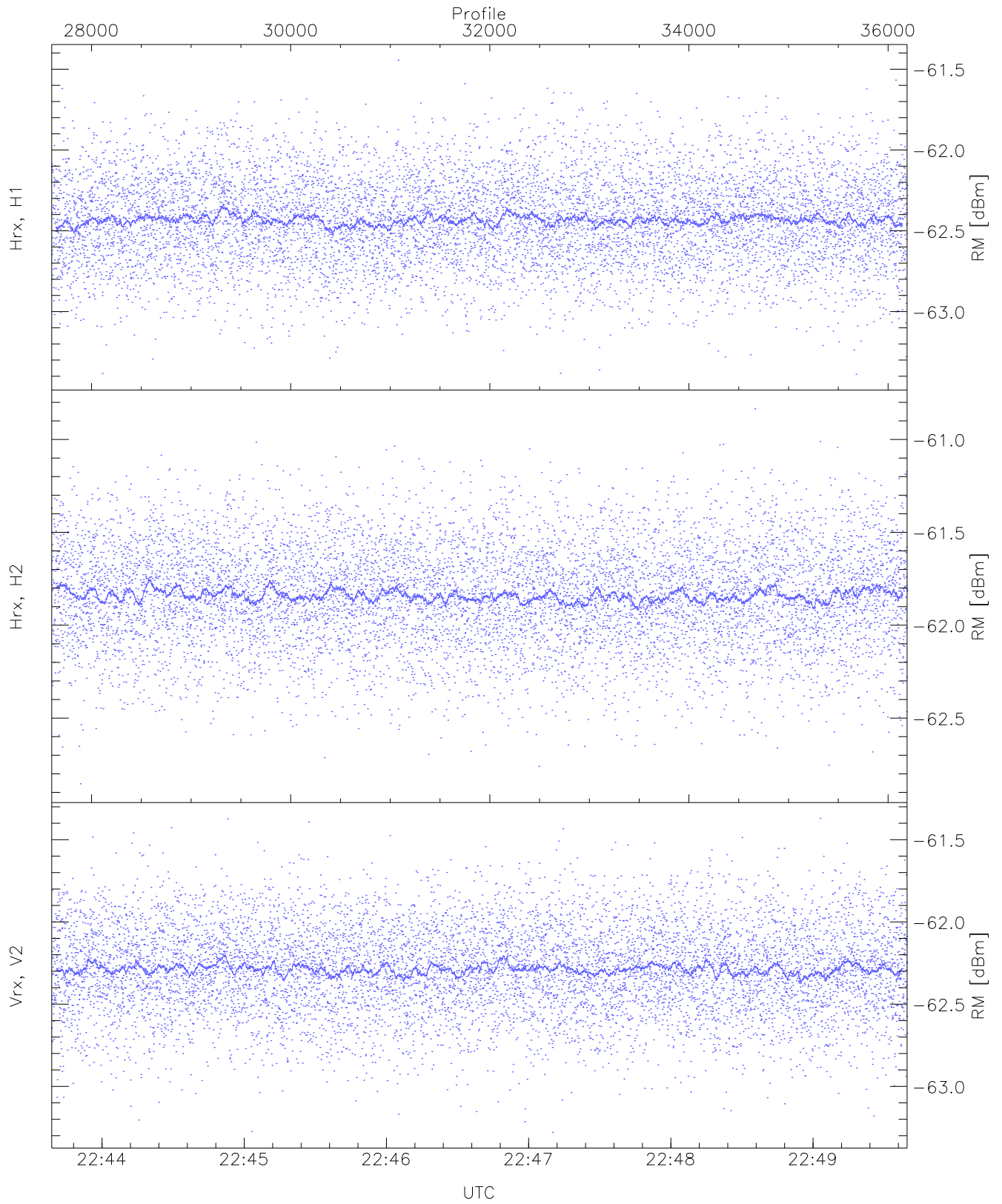
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -62.81 | -60.76 | -61.79 | -61.80 | -73.93 |
| Hrx, H2 (WL [dBm]) | -62.97 | -60.83 | -61.79 | -61.79 | -73.95 |
| Vrx, V2 (WL [dBm]) | -63.19 | -61.13 | -62.20 | -62.20 | -74.36 |



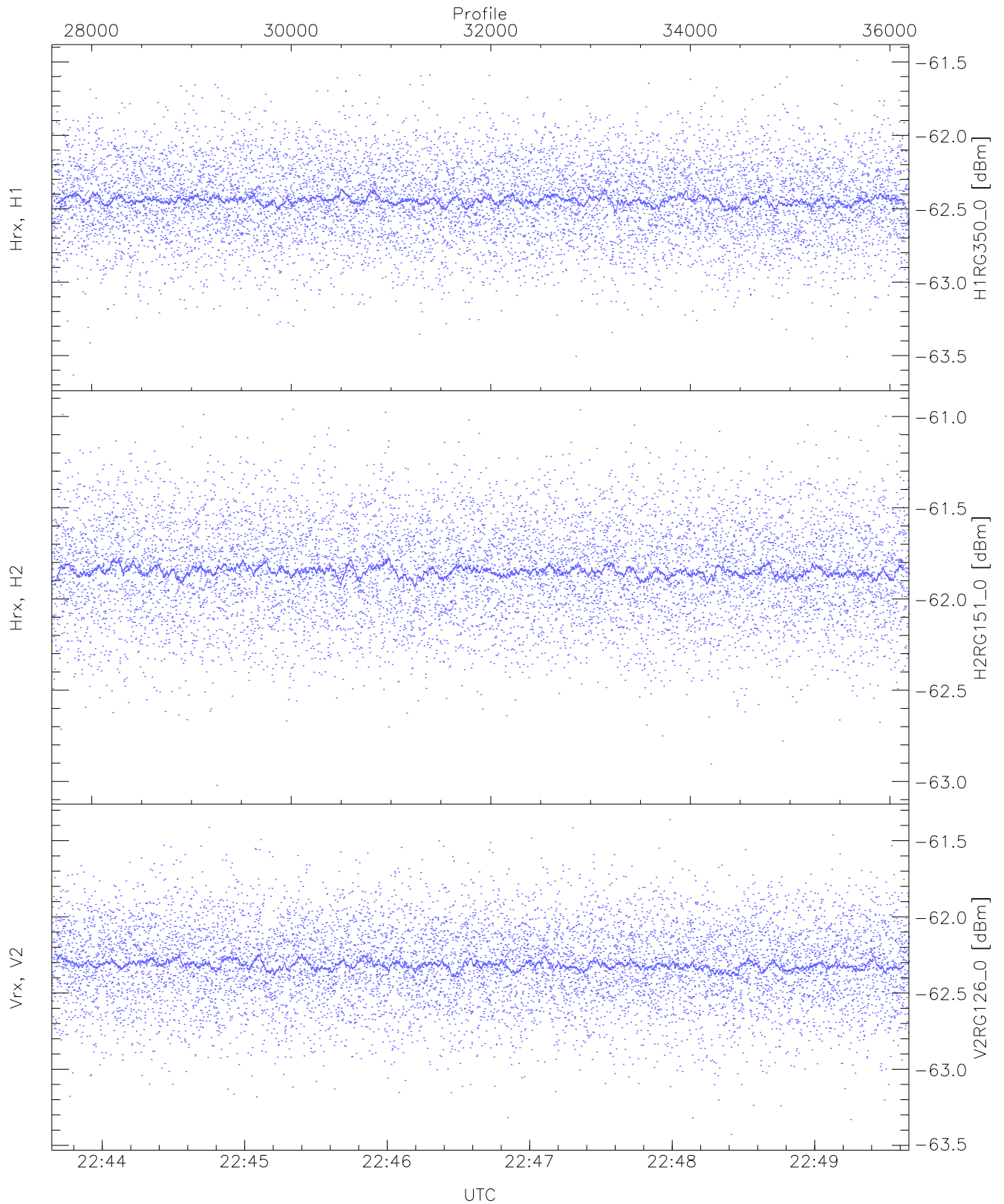
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -62.55 | -60.54 | -61.54 | -61.55 | -73.68 |
| Hrx, H2 (HL [dBm]) | -62.54 | -60.61 | -61.54 | -61.55 | -73.73 |
| Vrx, V2 (HL [dBm]) | -63.04 | -61.04 | -61.98 | -61.98 | -74.17 |



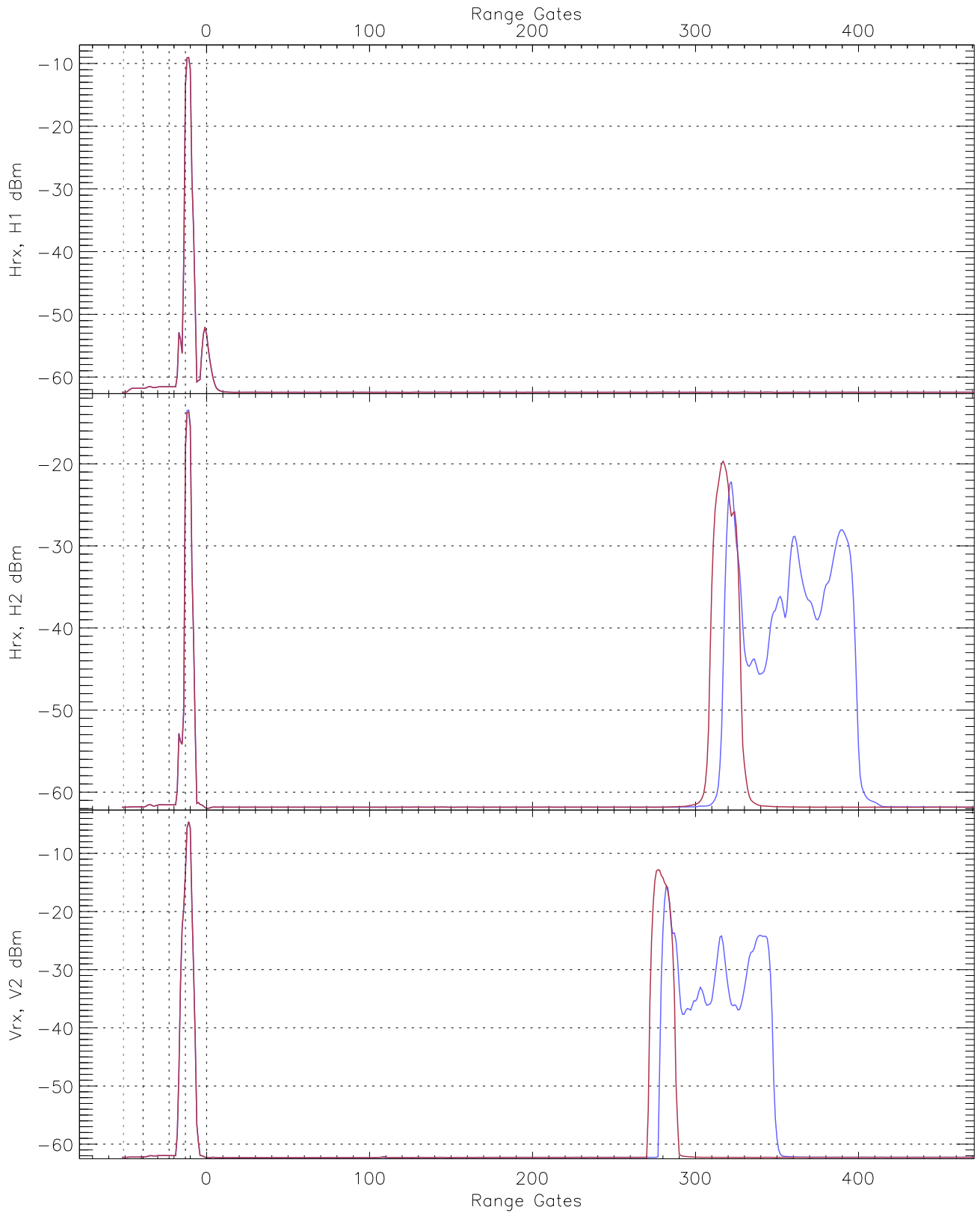
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -63.39 | -61.44 | -62.43 | -62.43 | -74.58 |
| Hrx, H2 (RM [dBm]) | -62.85 | -60.83 | -61.83 | -61.84 | -74.00 |
| Vrx, V2 (RM [dBm]) | -63.28 | -61.37 | -62.28 | -62.29 | -74.48 |

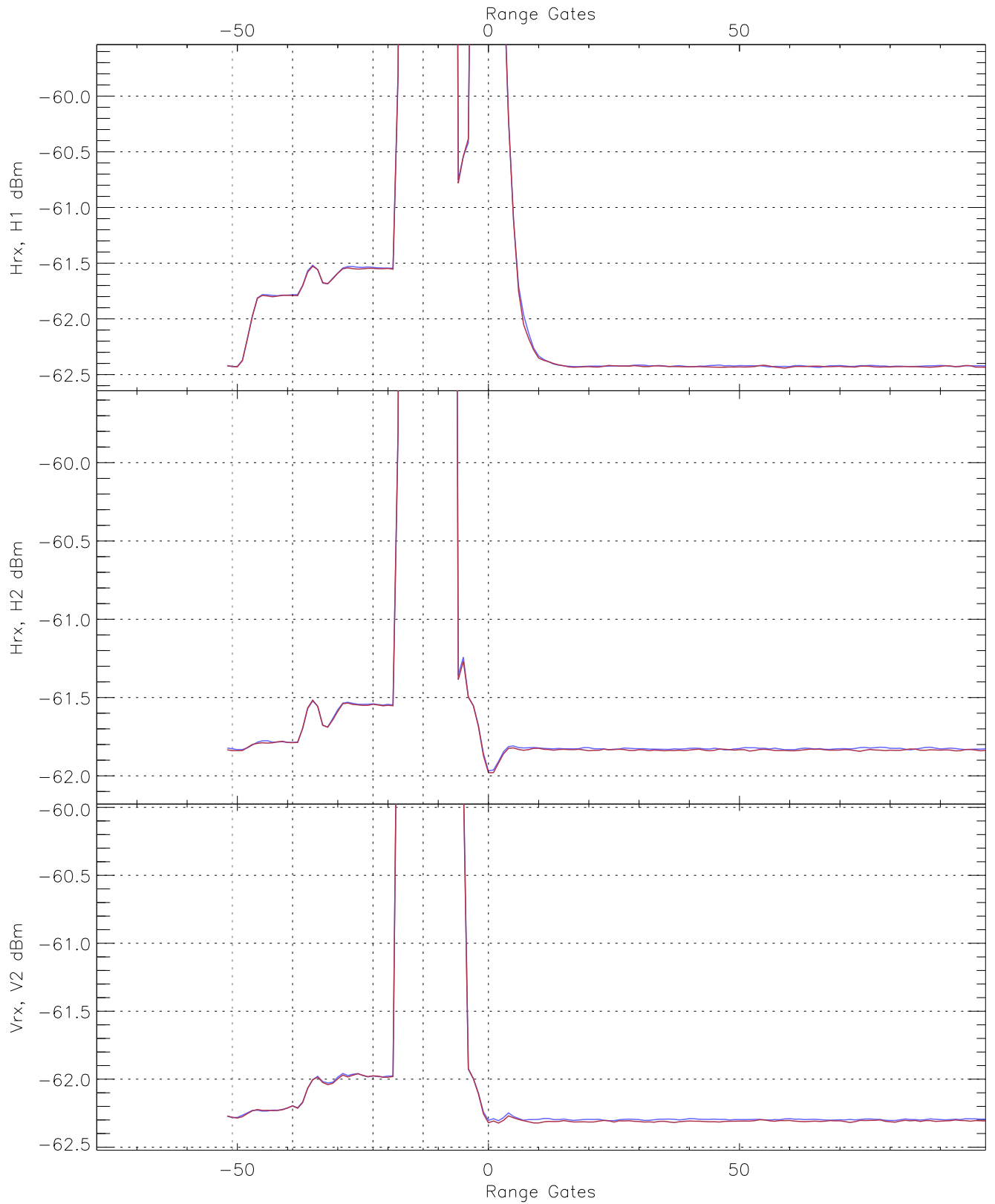


WCR2 CPP "Best" estimate Receivers Noise Power

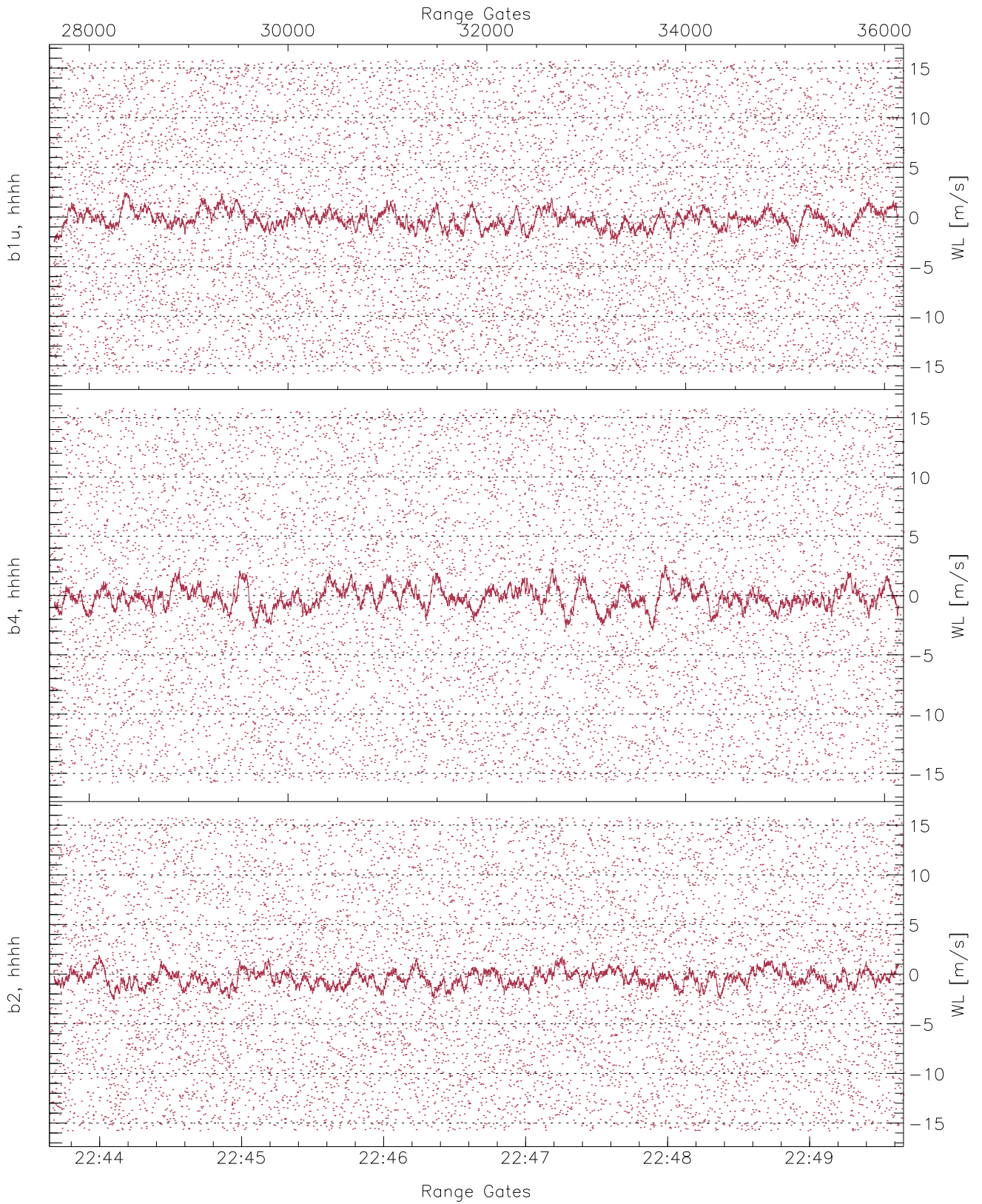
| | Min | Max | Mean | Median | StDev |
|-----------------|--------|--------|--------|--------|--------|
| H1RG350_0 [dBm] | -63.63 | -61.49 | -62.44 | -62.44 | -74.57 |
| H2RG151_0 [dBm] | -63.02 | -60.96 | -61.84 | -61.85 | -74.01 |
| V2RG126_0 [dBm] | -63.43 | -61.36 | -62.31 | -62.31 | -74.47 |



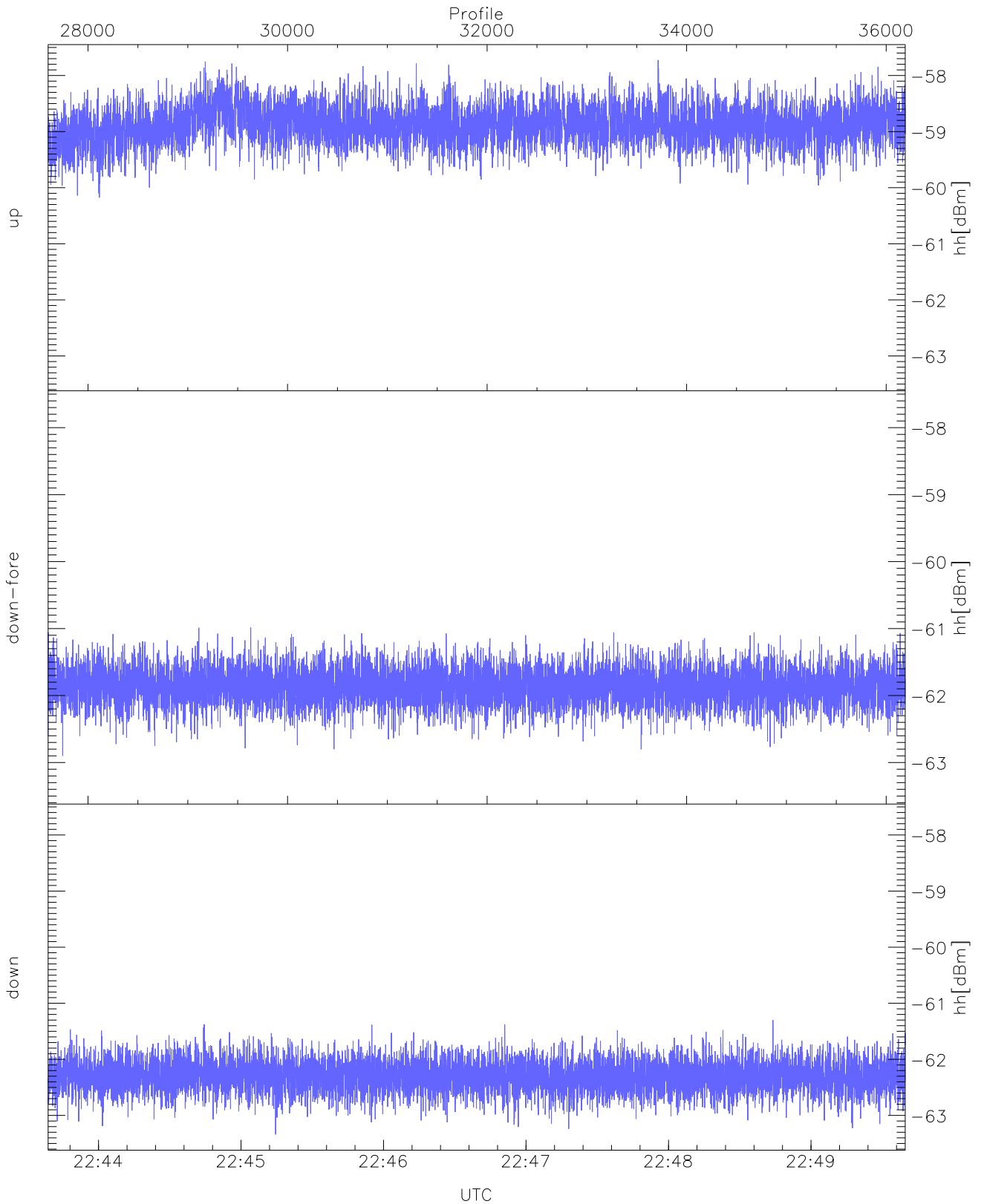
WCR2 CPP Averaged Received power for all recorded gates
blue: 224339-224639, 4297 profiles averaged
red: 224639-224940, 4296 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 224339-224639, 4297 profiles averaged
red: 224639-224940, 4296 profiles averaged

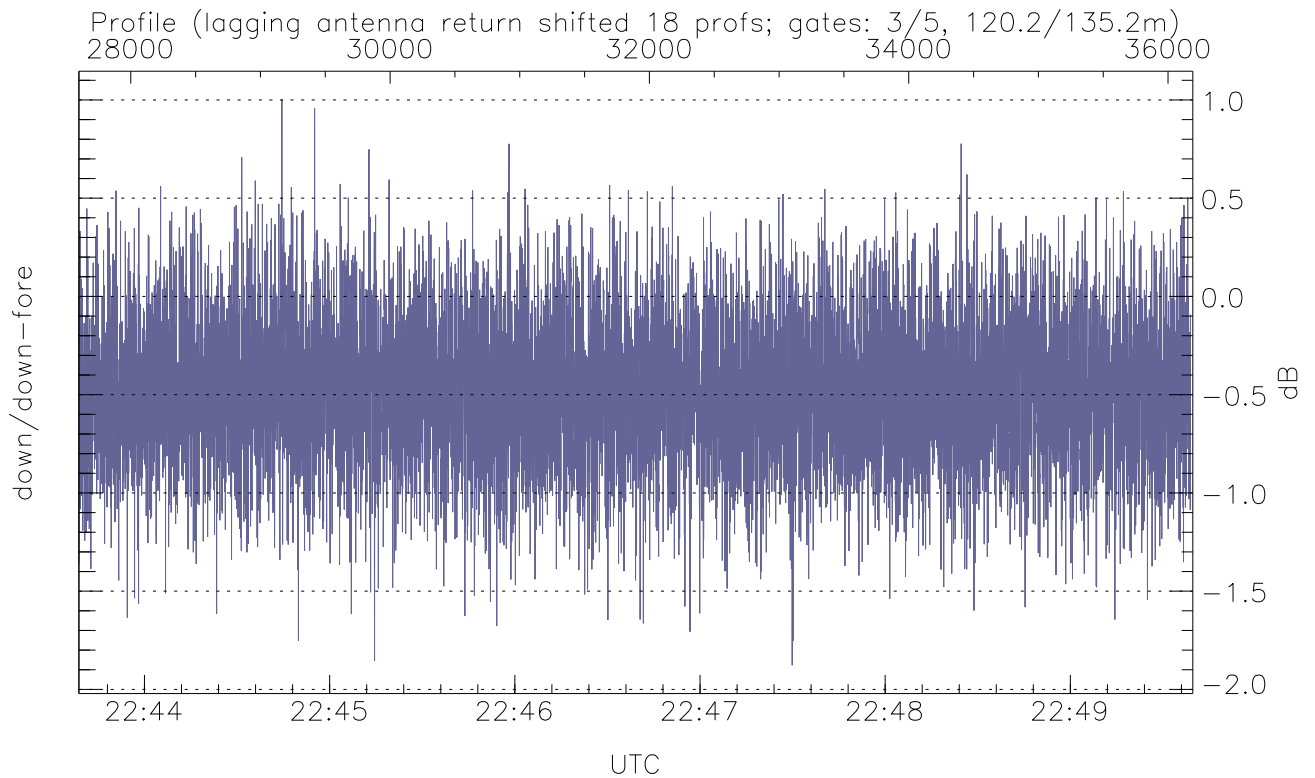
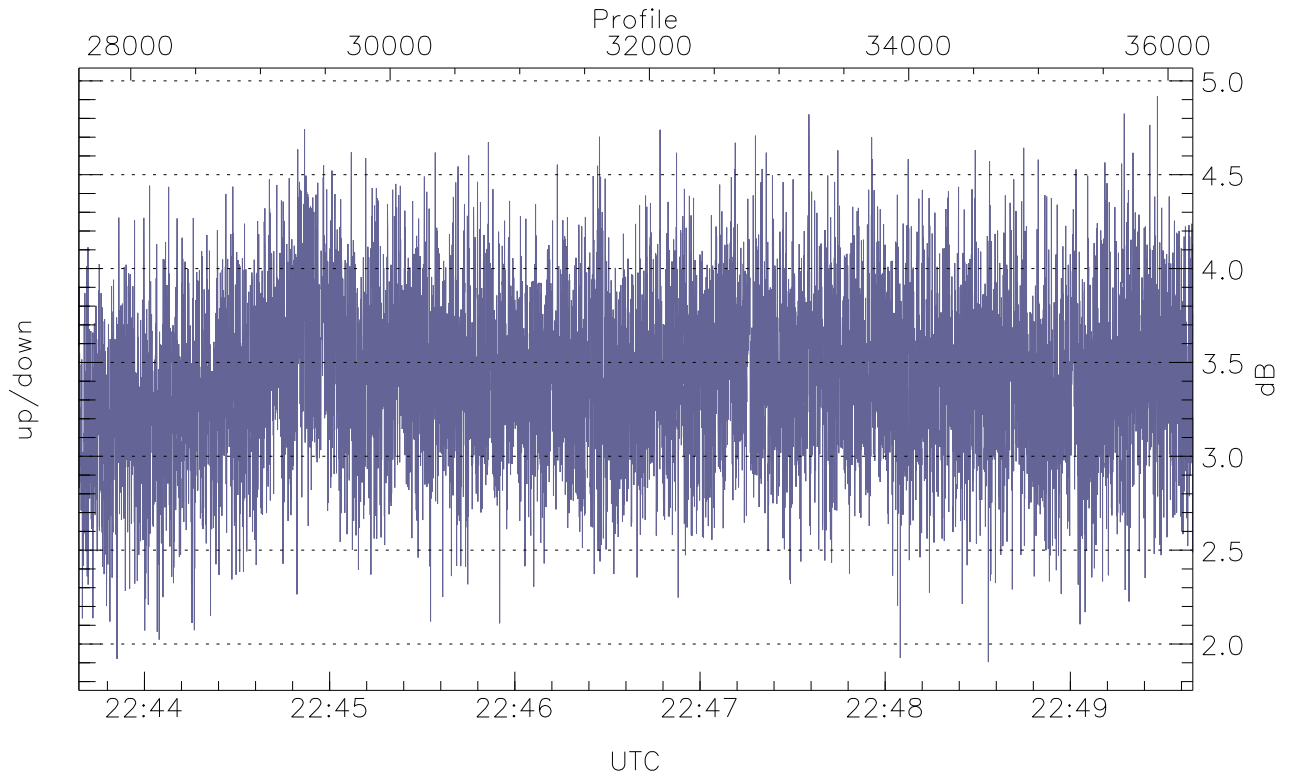


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



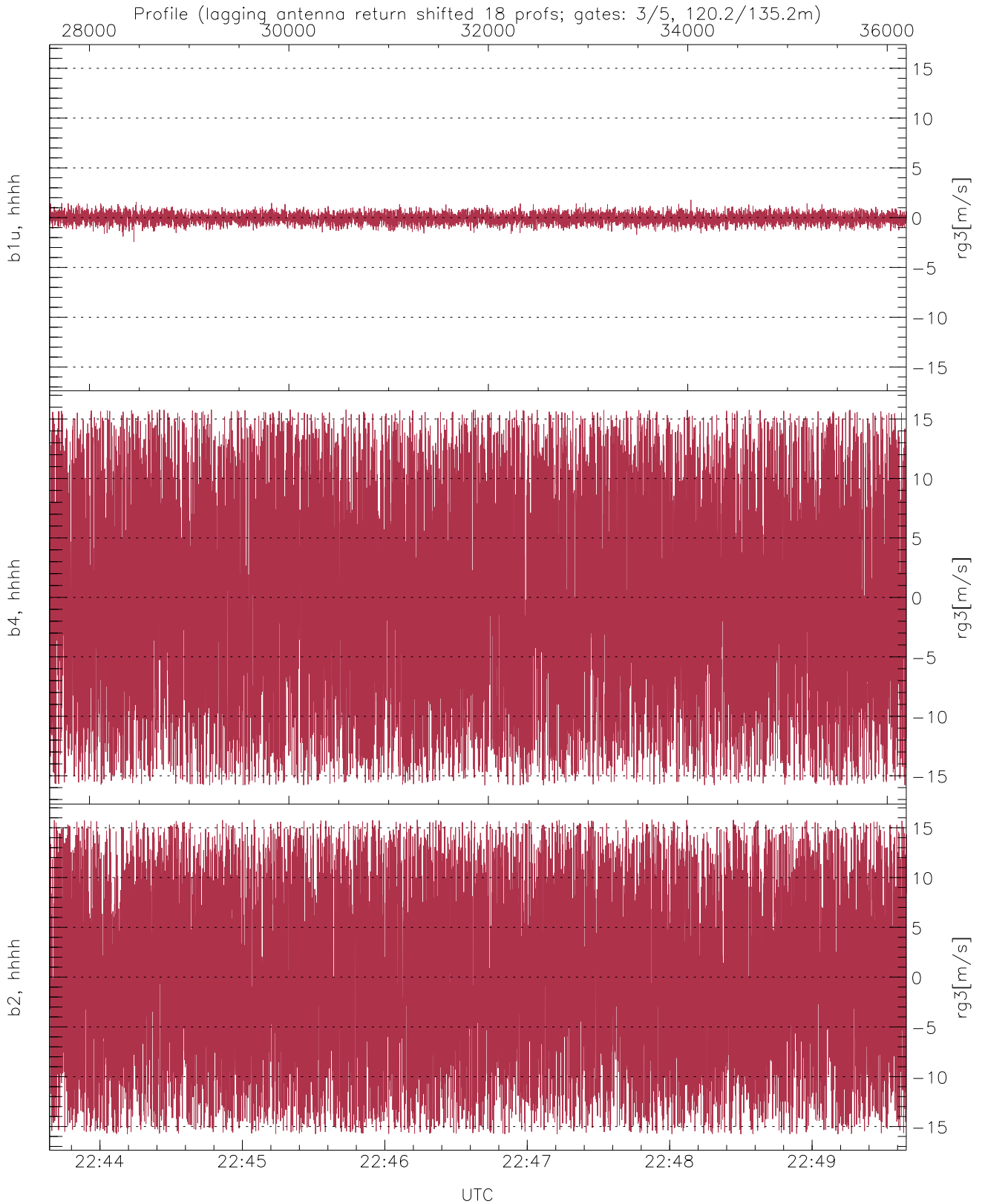
WCR2 CPP Received Power Products for Range gate 3 (120.2 m)

| | Min | Max | Mean |
|--------------------|--------|--------|--------|
| up(hh[dBm]) | -60.18 | -57.73 | -58.86 |
| down-fore(hh[dBm]) | -62.90 | -60.98 | -61.85 |
| down(hh[dBm]) | -63.34 | -61.30 | -62.29 |



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (120 m)

| | Min | Max | Mean |
|---------------------|-------|------|-------|
| up/down (dB) | 1.90 | 4.92 | 3.43 |
| down/down-fore (dB) | -1.88 | 1.00 | -0.48 |



WCR2 CPP Doppler Velocity Products at 120.2 m range

| | Min | Max | Mean | StDev |
|---------------------|--------|-------|-------|-------|
| b1u, hhhh(rg3[m/s]) | -2.41 | 1.78 | -0.06 | 0.47 |
| b4, hhhh(rg3[m/s]) | -15.80 | 15.80 | -0.16 | 9.06 |
| b2, hhhh(rg3[m/s]) | -15.77 | 15.80 | -0.42 | 9.06 |