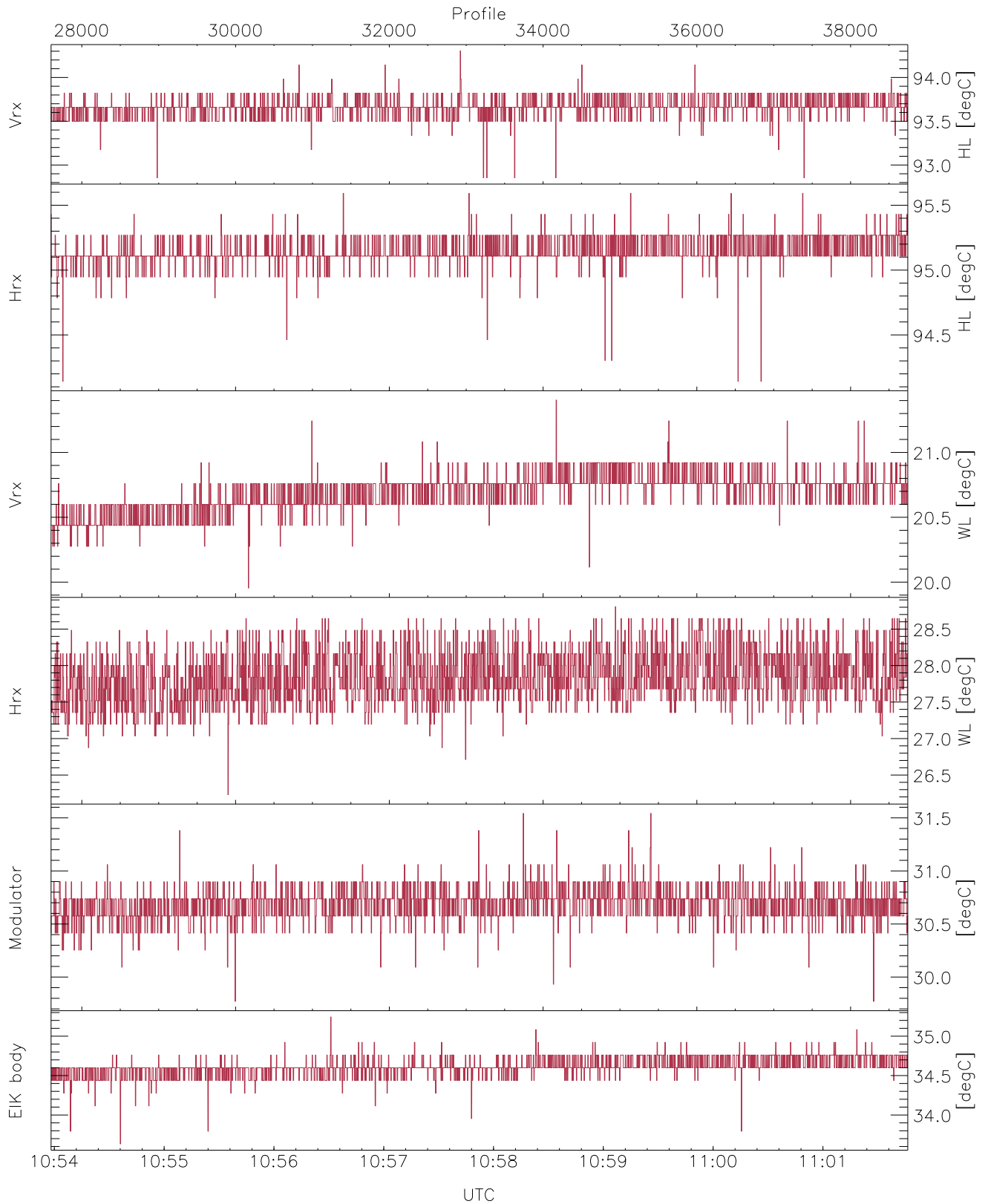


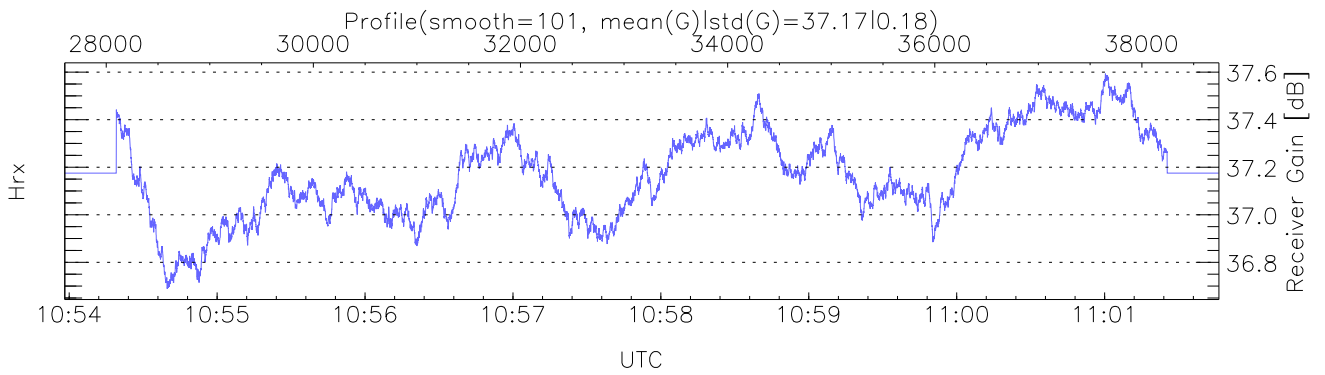
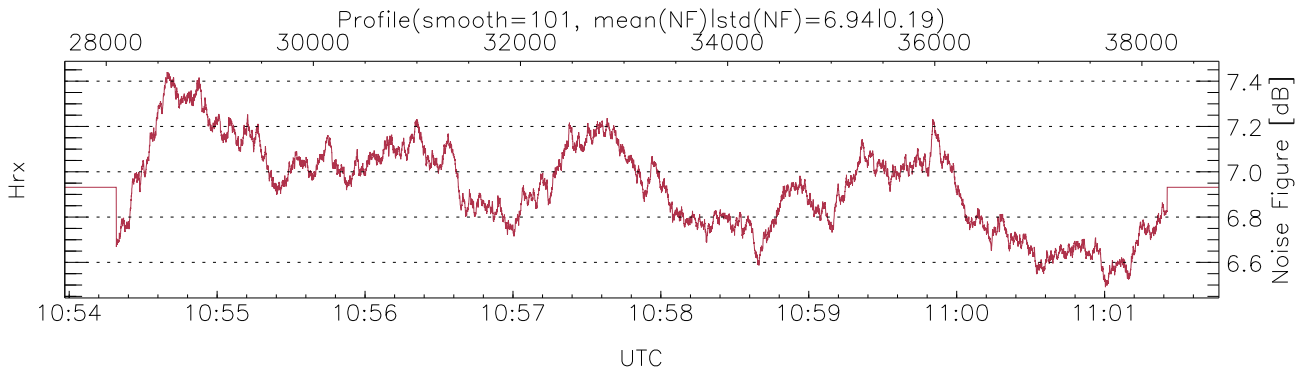
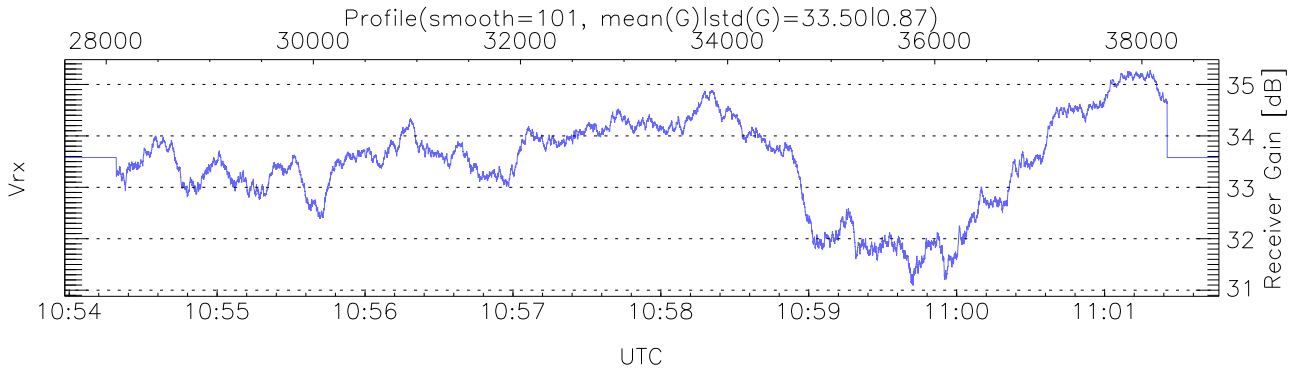
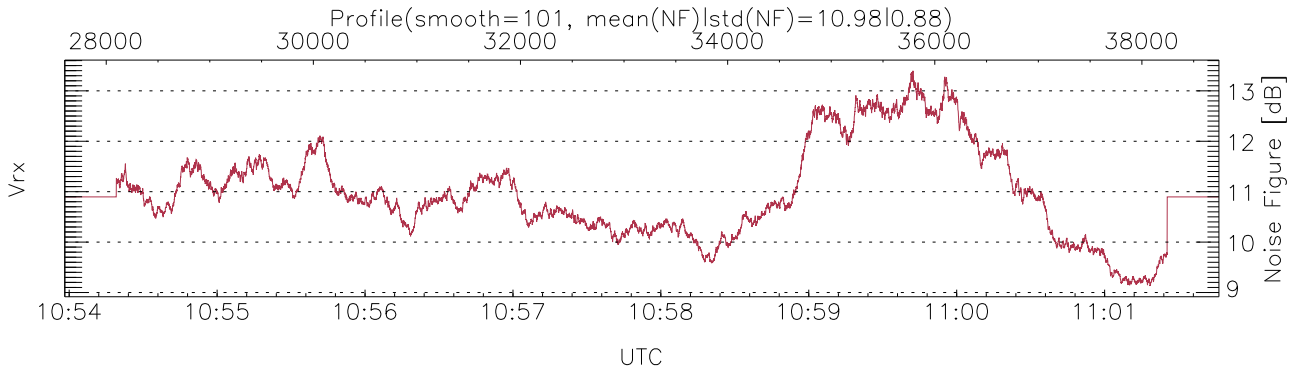
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 10:34:39-11:01:46, Dur: 1627.66s  
 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): 11145/38745, 27600-38744/10:53:58-11:01:46  
 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



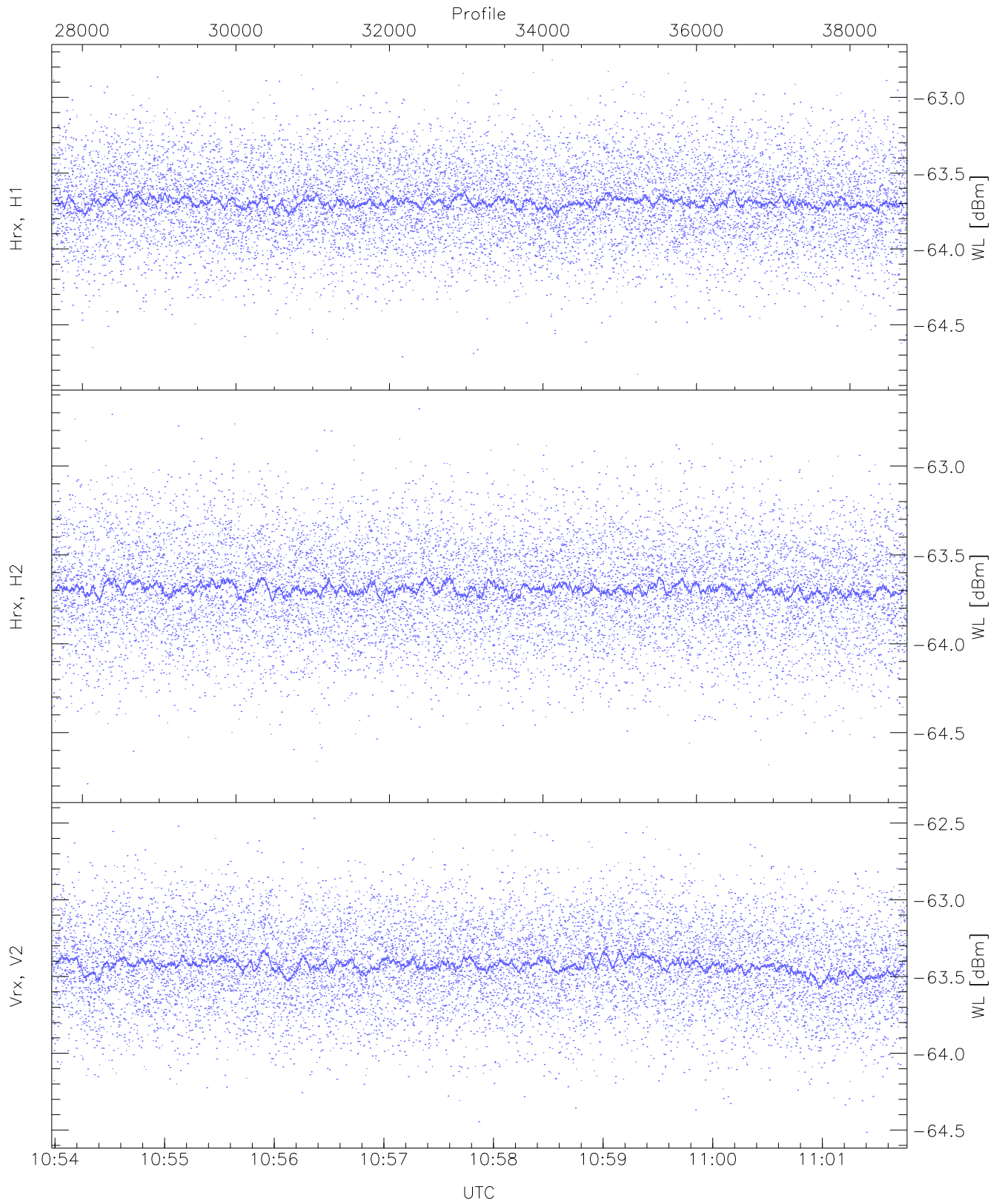
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,29,33  
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



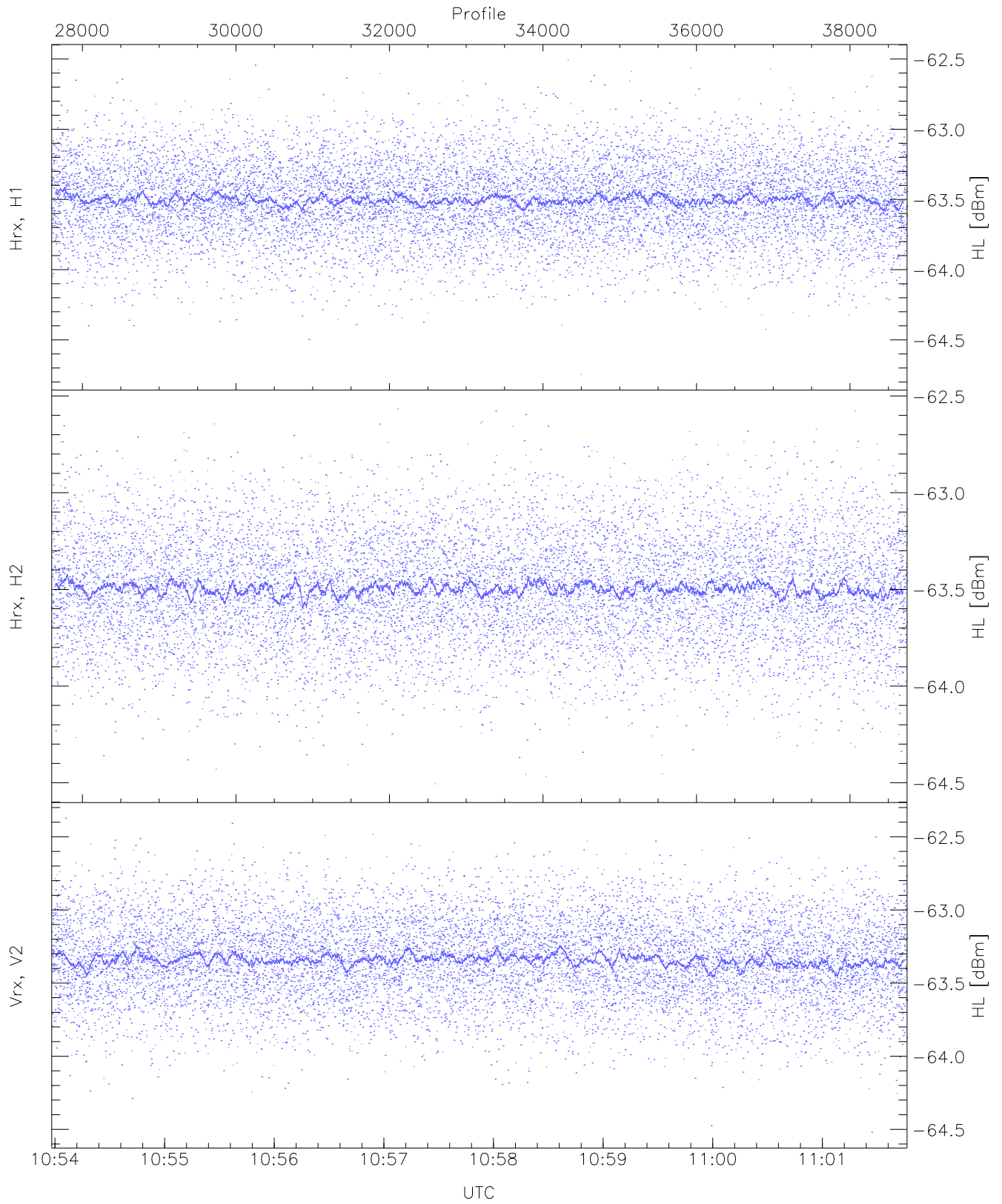
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 23 pixs, 3 gates, 23 profs, 1 prods



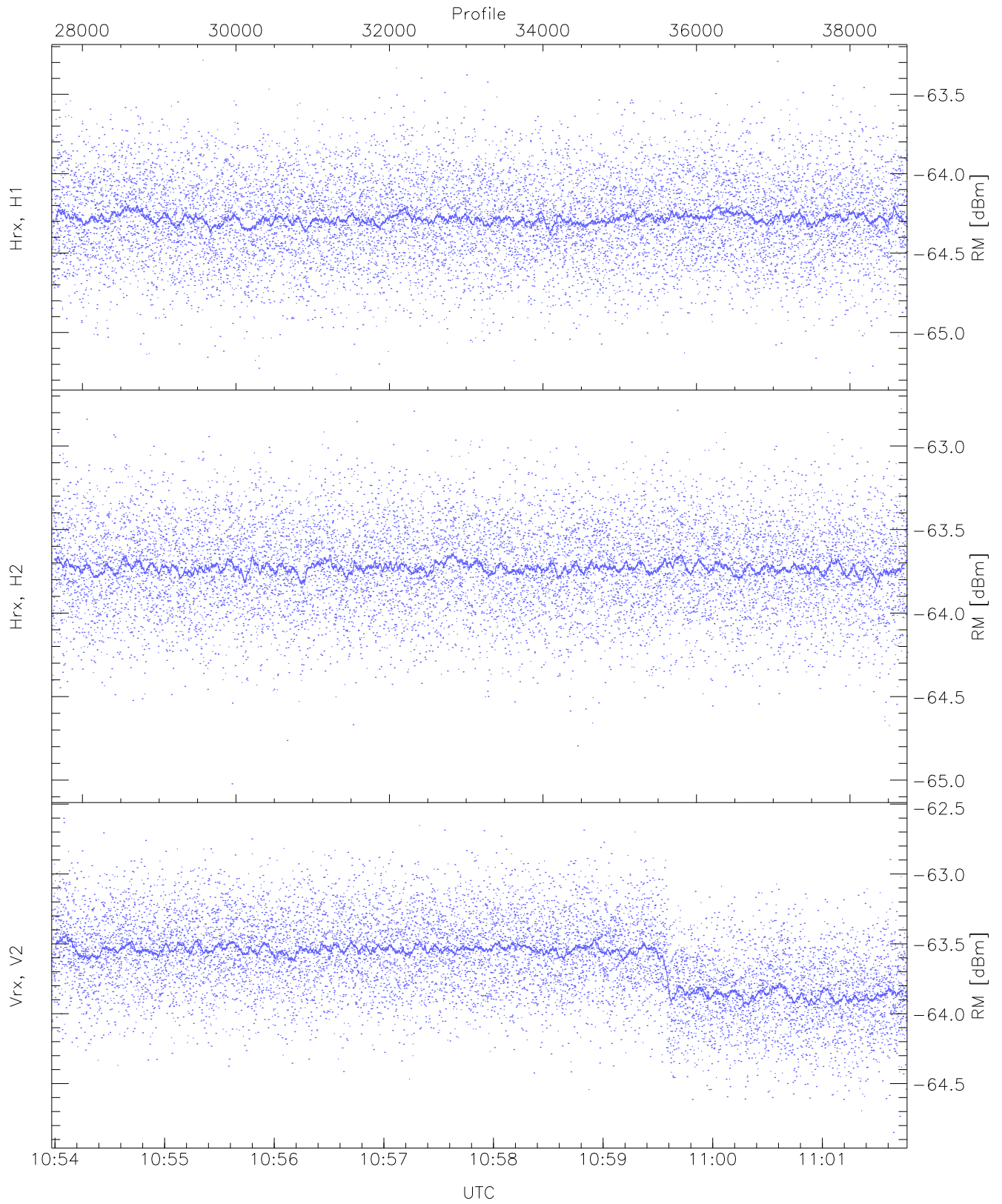
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.83 | -62.75 | -63.69 | -63.70 | -75.86 |
| Hrx, H2 (WL [dBm]) | -64.79 | -62.68 | -63.69 | -63.69 | -75.81 |
| Vrx, V2 (WL [dBm]) | -64.52 | -62.47 | -63.42 | -63.43 | -75.52 |



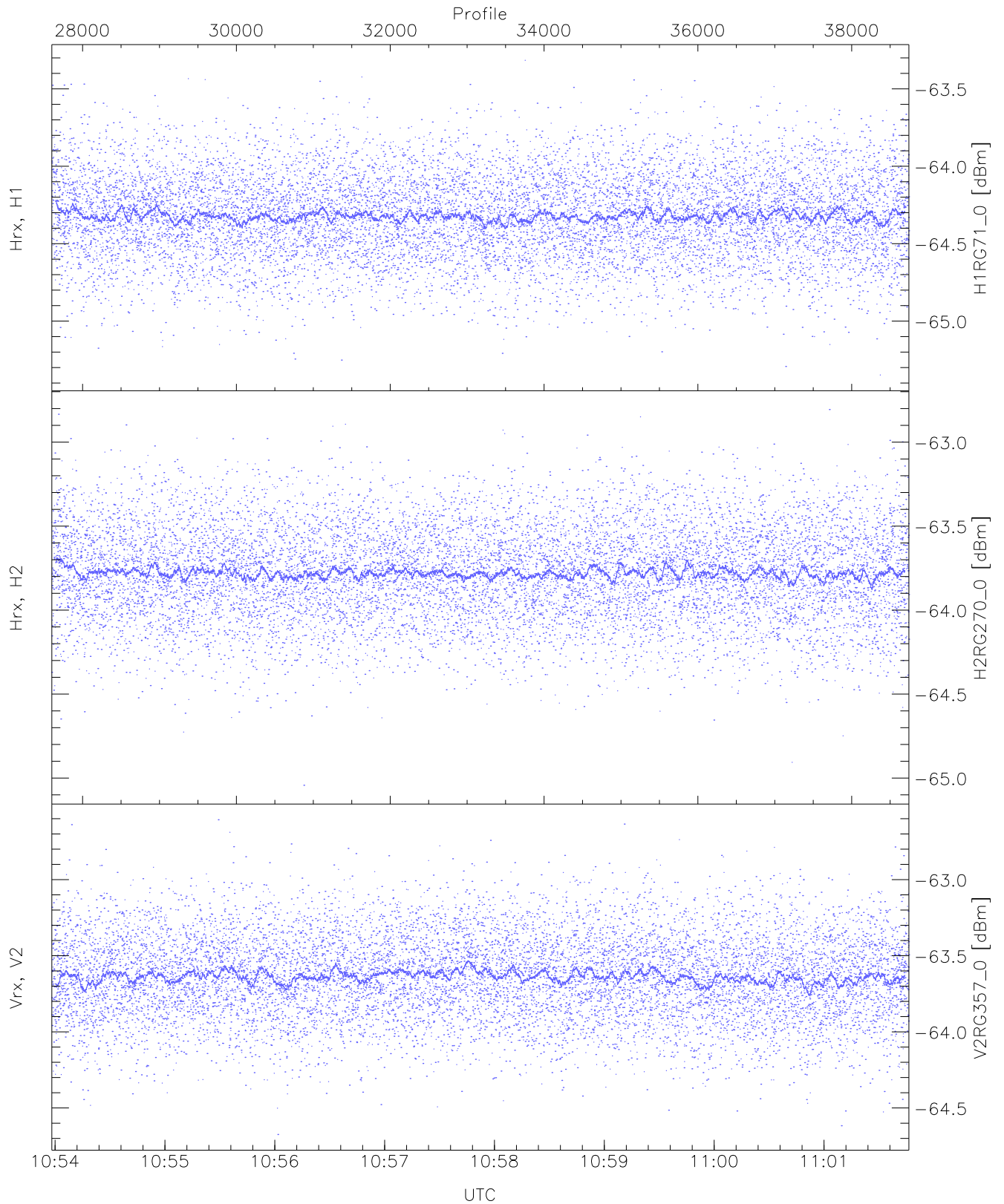
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.75 | -62.51 | -63.50 | -63.50 | -75.62 |
| Hrx, H2 (HL [dBm]) | -64.51 | -62.57 | -63.49 | -63.50 | -75.61 |
| Vrx, V2 (HL [dBm]) | -64.52 | -62.37 | -63.34 | -63.34 | -75.41 |



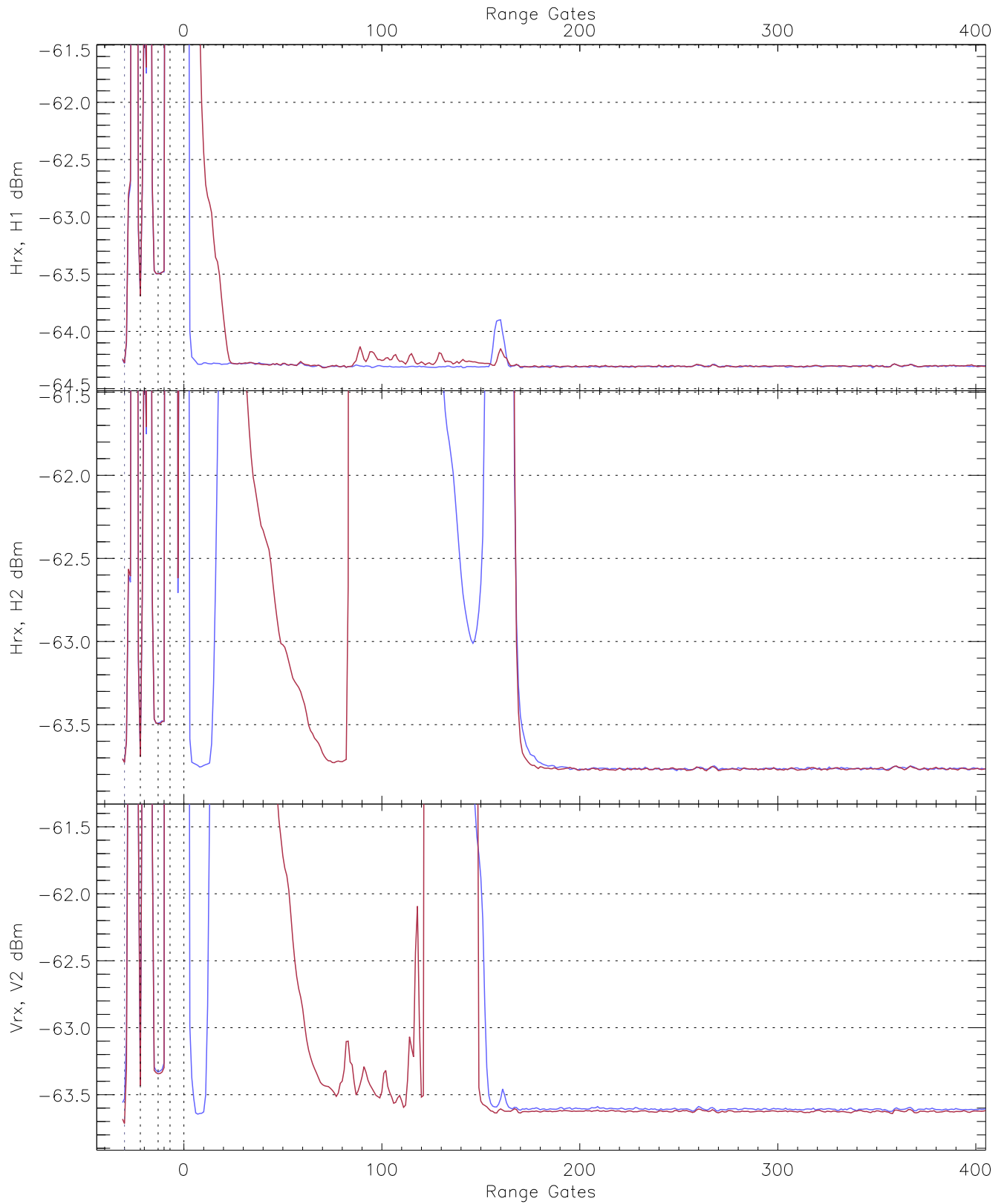
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.26 | -63.29 | -64.28 | -64.28 | -76.45 |
| Hrx, H2 (RM [dBm]) | -65.02 | -62.78 | -63.72 | -63.73 | -75.92 |
| Vrx, V2 (RM [dBm]) | -64.85 | -62.60 | -63.62 | -63.62 | -75.19 |



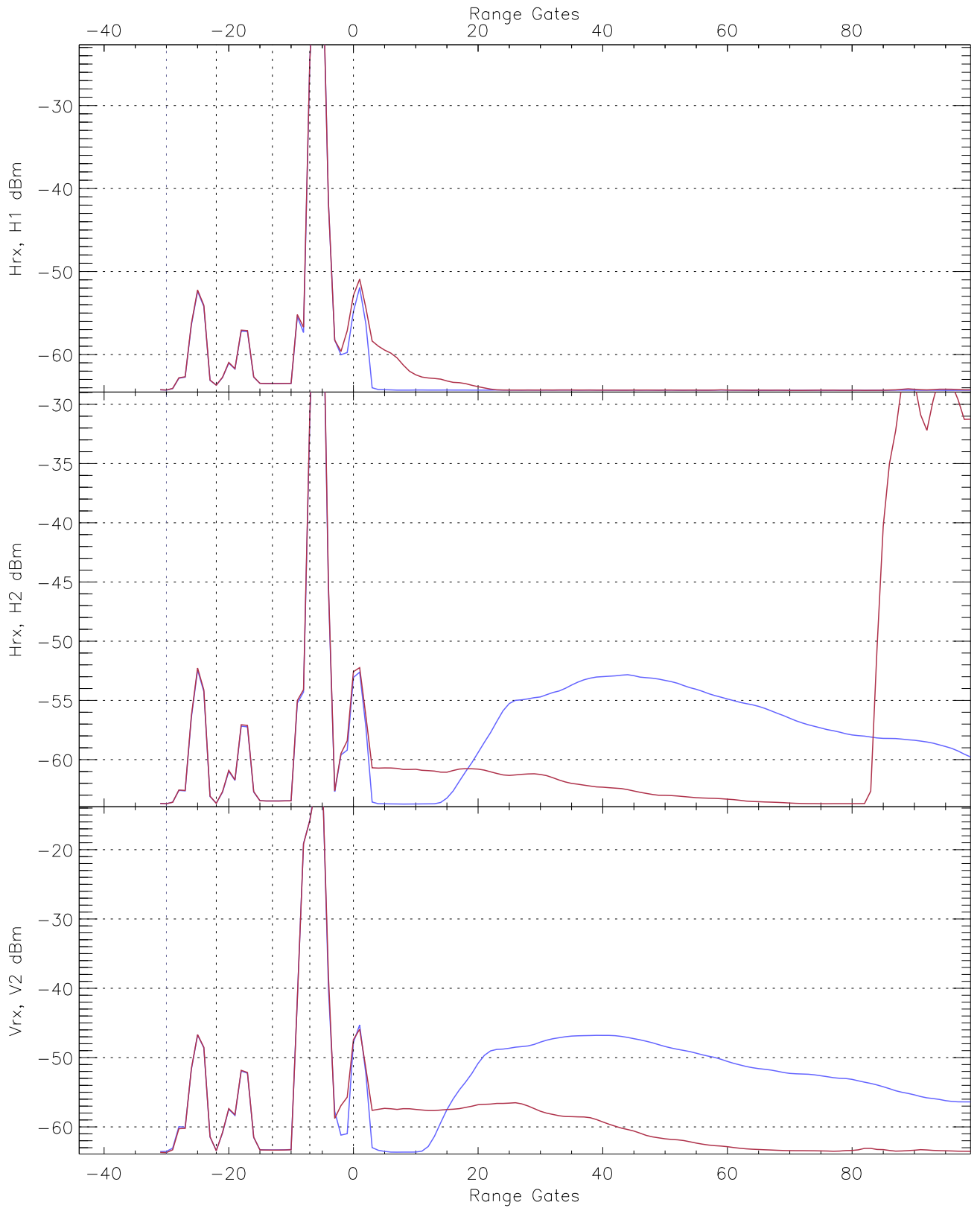
WCR2 CPP "Best" estimate Receivers Noise Power

|                 | Min    | Max    | Mean   | Median | StDev  |
|-----------------|--------|--------|--------|--------|--------|
| H1RG71_0 [dBm]  | -65.35 | -63.32 | -64.32 | -64.32 | -76.46 |
| H2RG270_0 [dBm] | -65.04 | -62.81 | -63.77 | -63.78 | -75.87 |
| V2RG357_0 [dBm] | -64.67 | -62.61 | -63.63 | -63.64 | -75.77 |

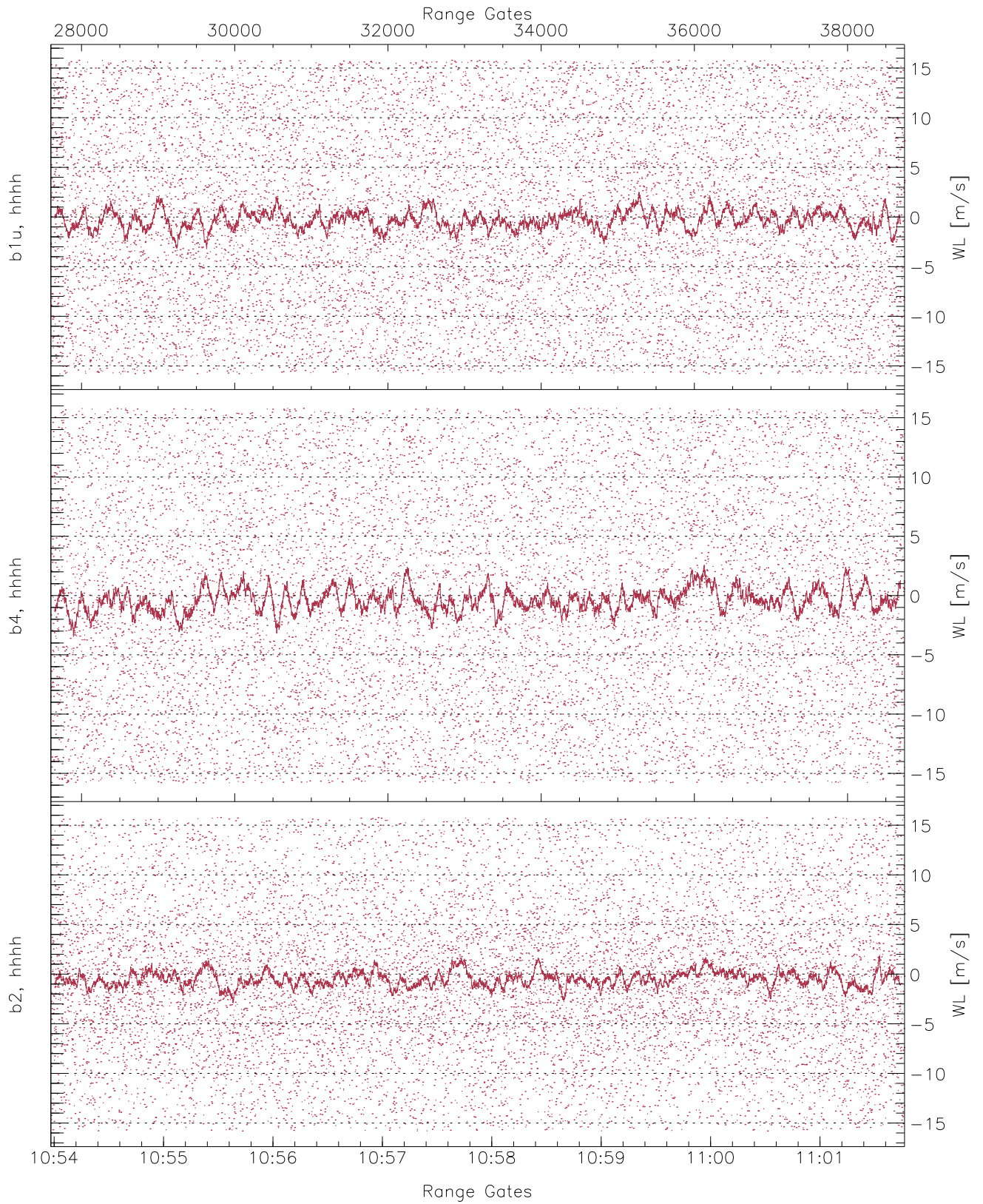


WCR2 CPP Averaged Received power for all recorded gates  
blue: 105358-105752, 5573 profiles averaged  
red: 105752-110146, 5573 profiles averaged

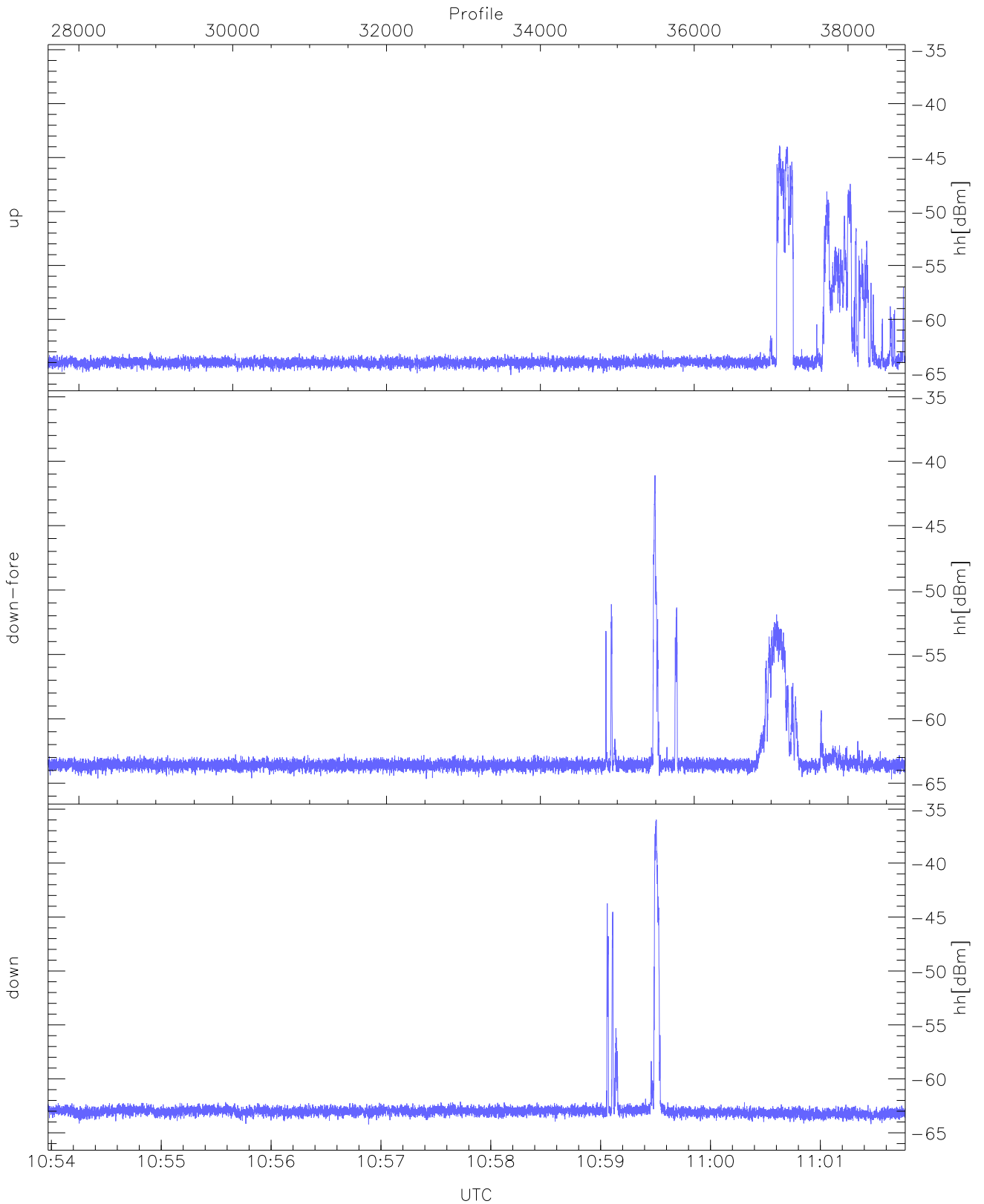




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 105358-105752, 5573 profiles averaged  
red: 105752-110146, 5573 profiles averaged

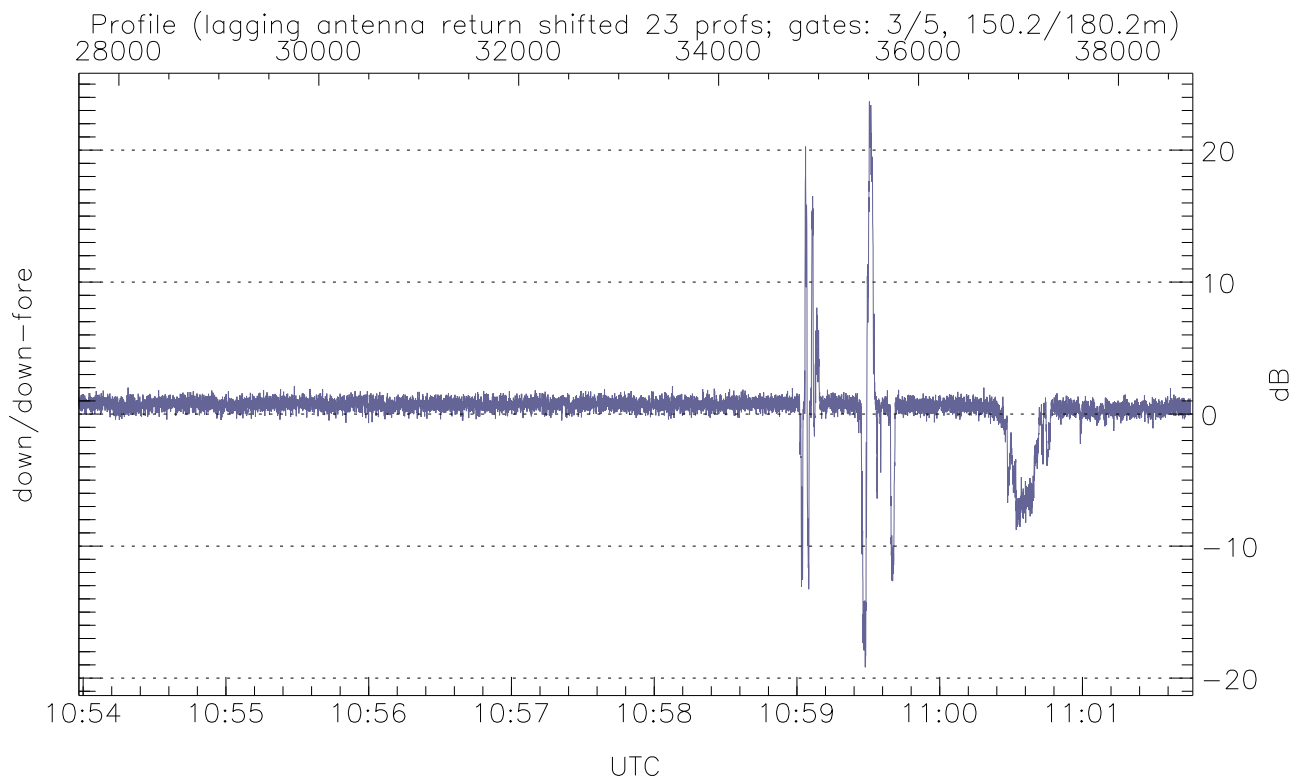
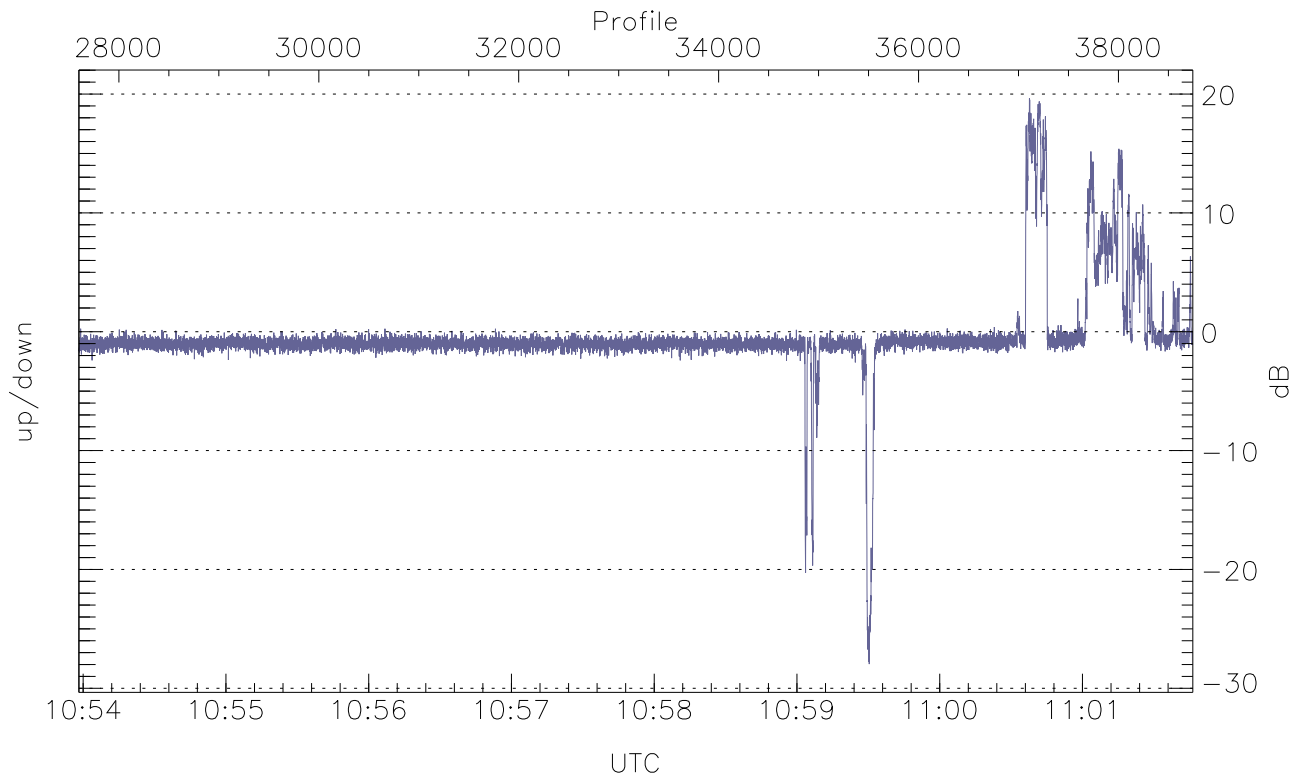


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



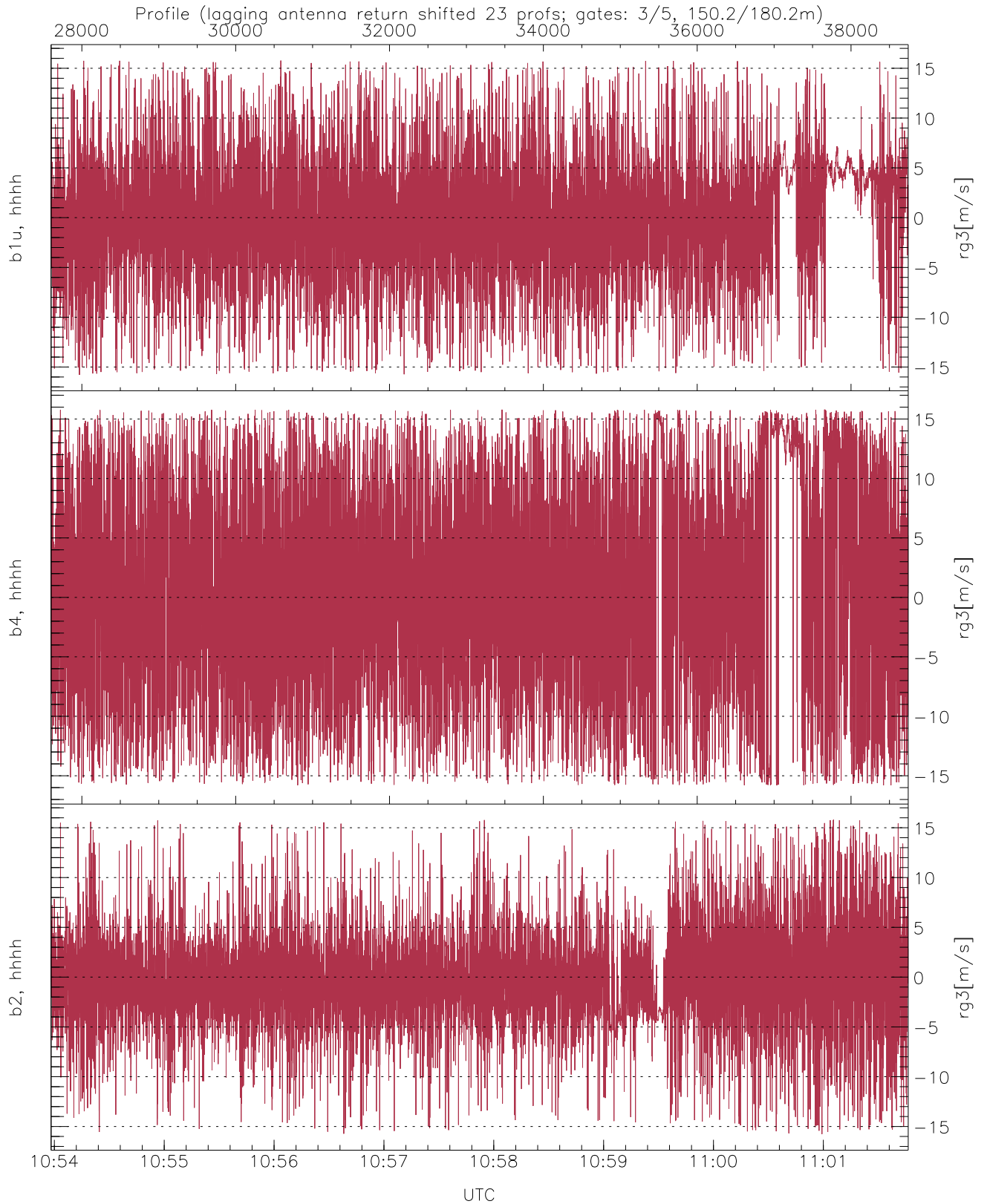
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

|                    | Min    | Max    | Mean   |
|--------------------|--------|--------|--------|
| up(hh[dBm])        | -65.16 | -43.88 | -60.33 |
| down-fore(hh[dBm]) | -64.68 | -41.09 | -61.90 |
| down(hh[dBm])      | -64.23 | -35.99 | -59.52 |



WCR2 Beam pairs Received Power Ratio(s)

|                     | Min    | Max   | Mean  |
|---------------------|--------|-------|-------|
| up/down (dB)        | -27.96 | 19.64 | -0.38 |
| down/down-fore (dB) | -19.18 | 23.68 | 0.48  |



WCR2 CPP Doppler Velocity Products at 150.2 m range

|                     | Min    | Max   | Mean  | StDev |
|---------------------|--------|-------|-------|-------|
| b1u, hhhh(rg3[m/s]) | -15.79 | 15.78 | 0.05  | 5.44  |
| b4, hhhh(rg3[m/s])  | -15.80 | 15.79 | 0.90  | 8.21  |
| b2, hhhh(rg3[m/s])  | -15.76 | 15.78 | -0.24 | 4.56  |