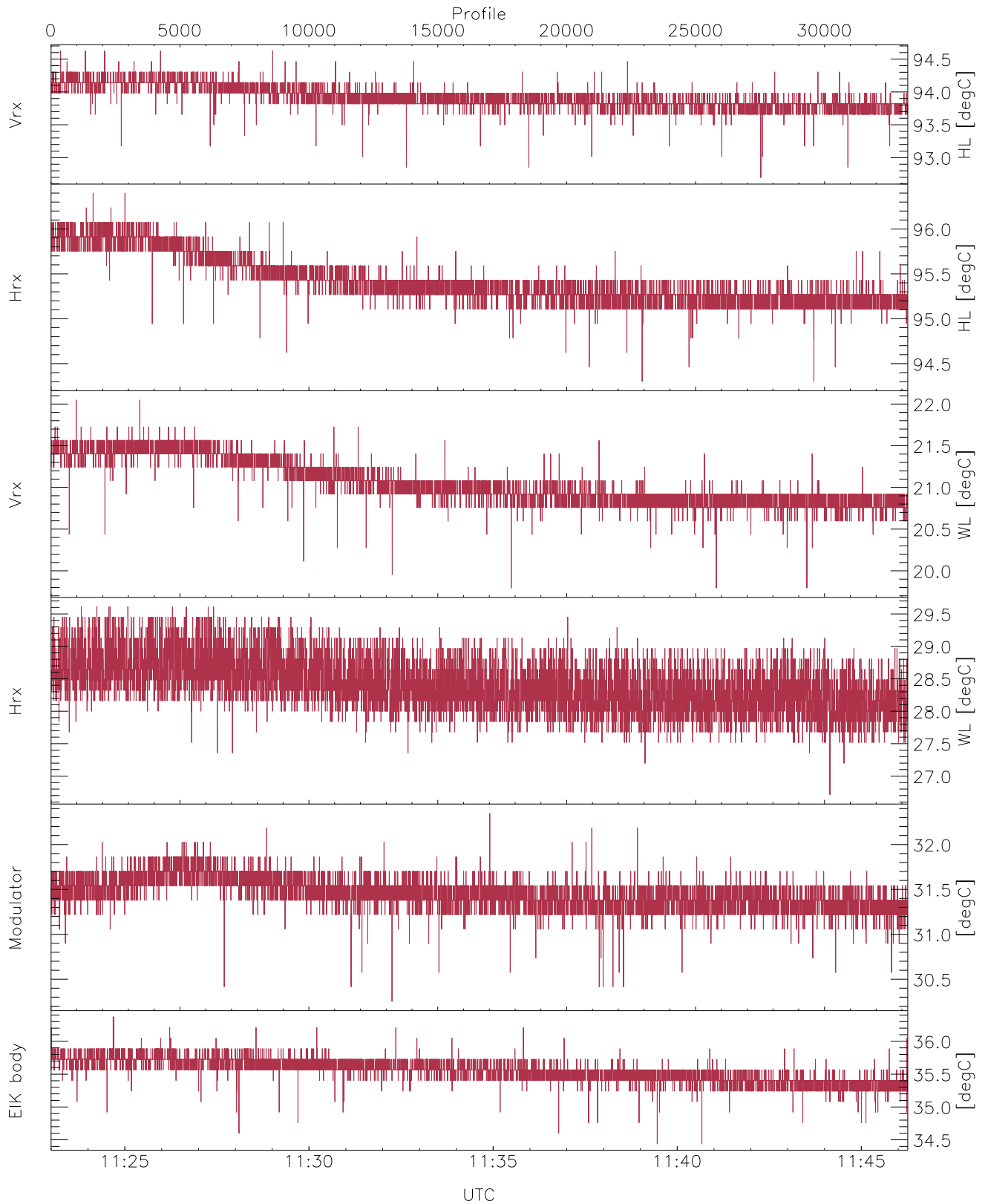


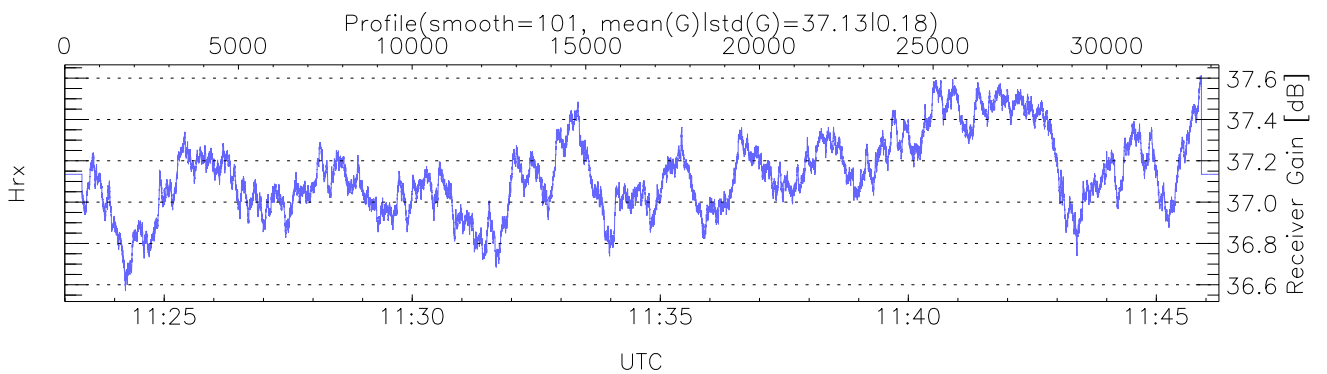
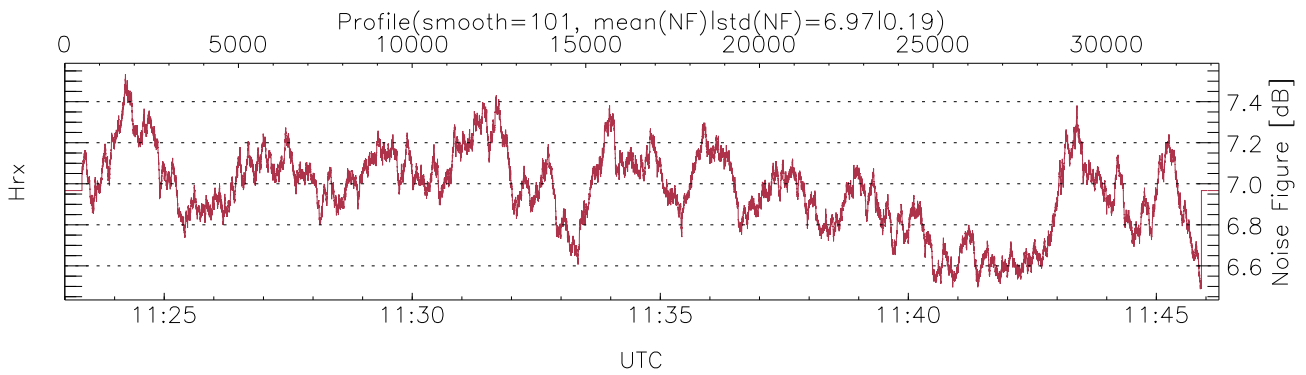
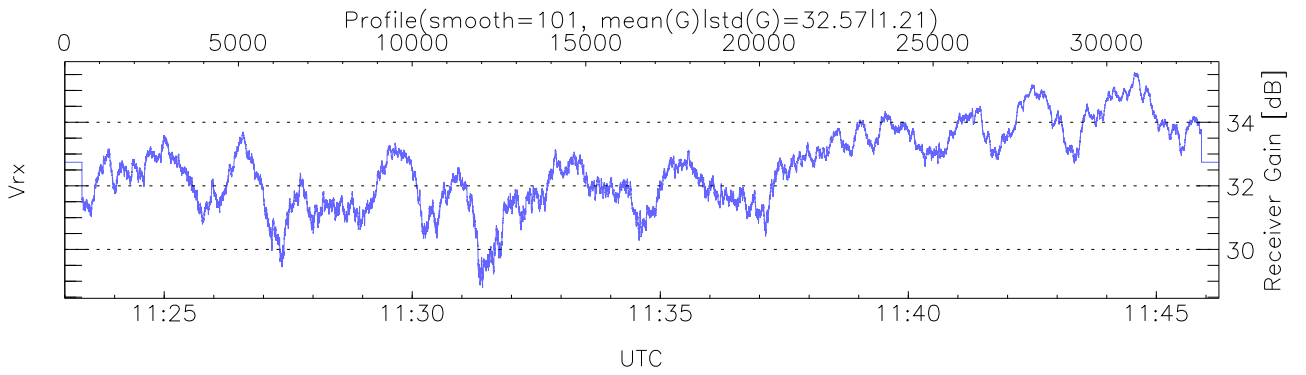
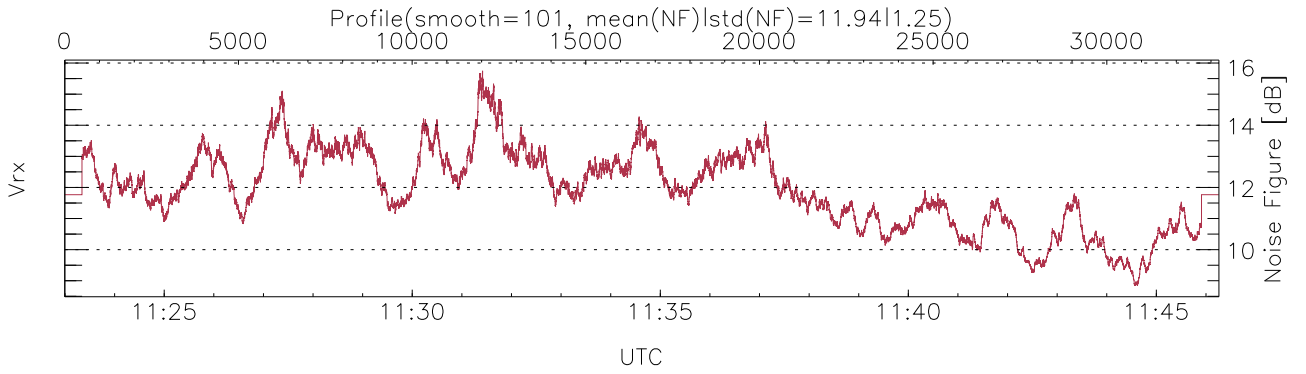
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 11:23:00-11:46:16, Dur: 1395.97s  
 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): 33230/33230, 0-33229/11:23:00-11:46:16  
 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



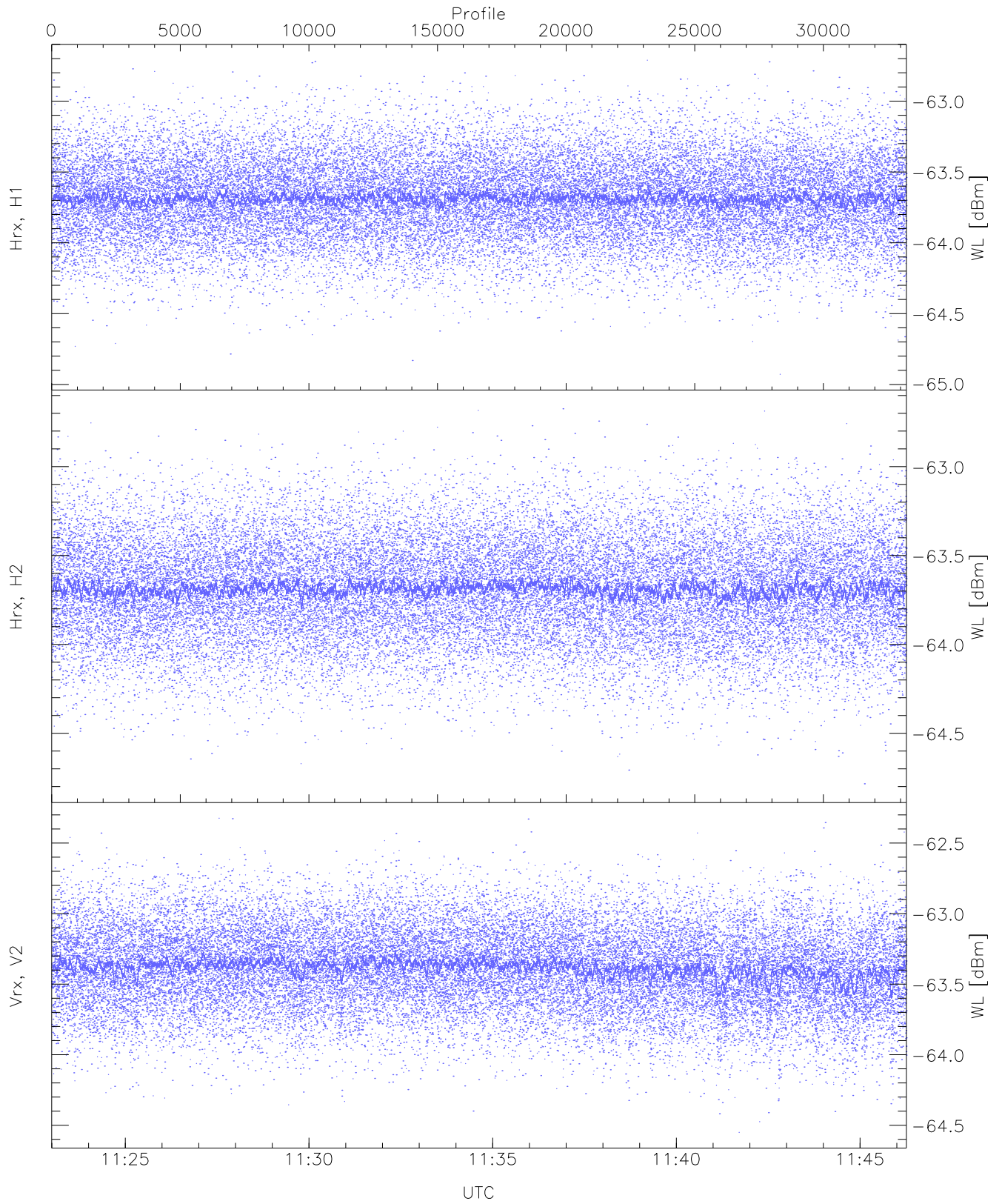
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,30,34  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,32,36  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



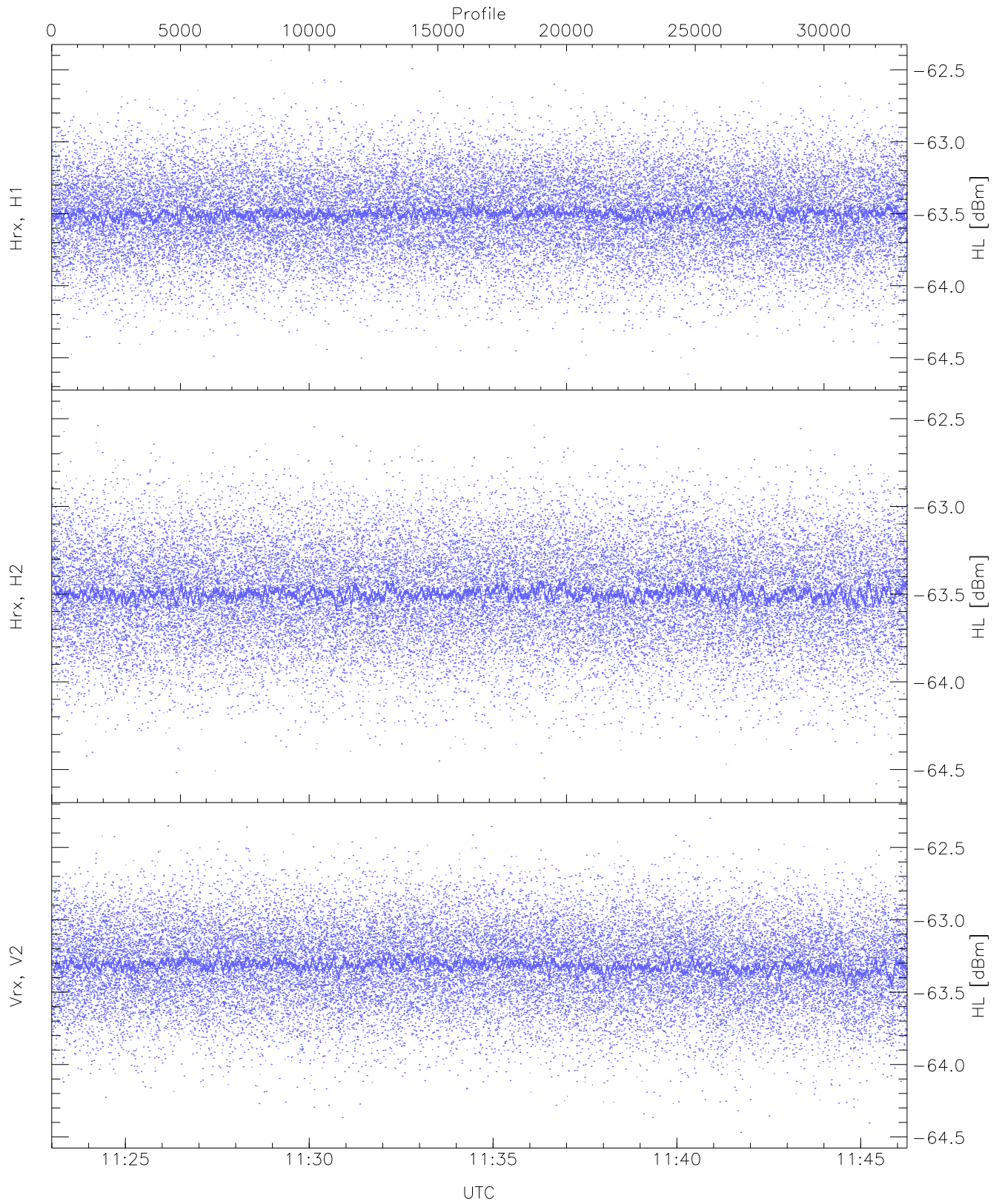
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4328 pixs, 14 gates, 2802 profs, 2 prods



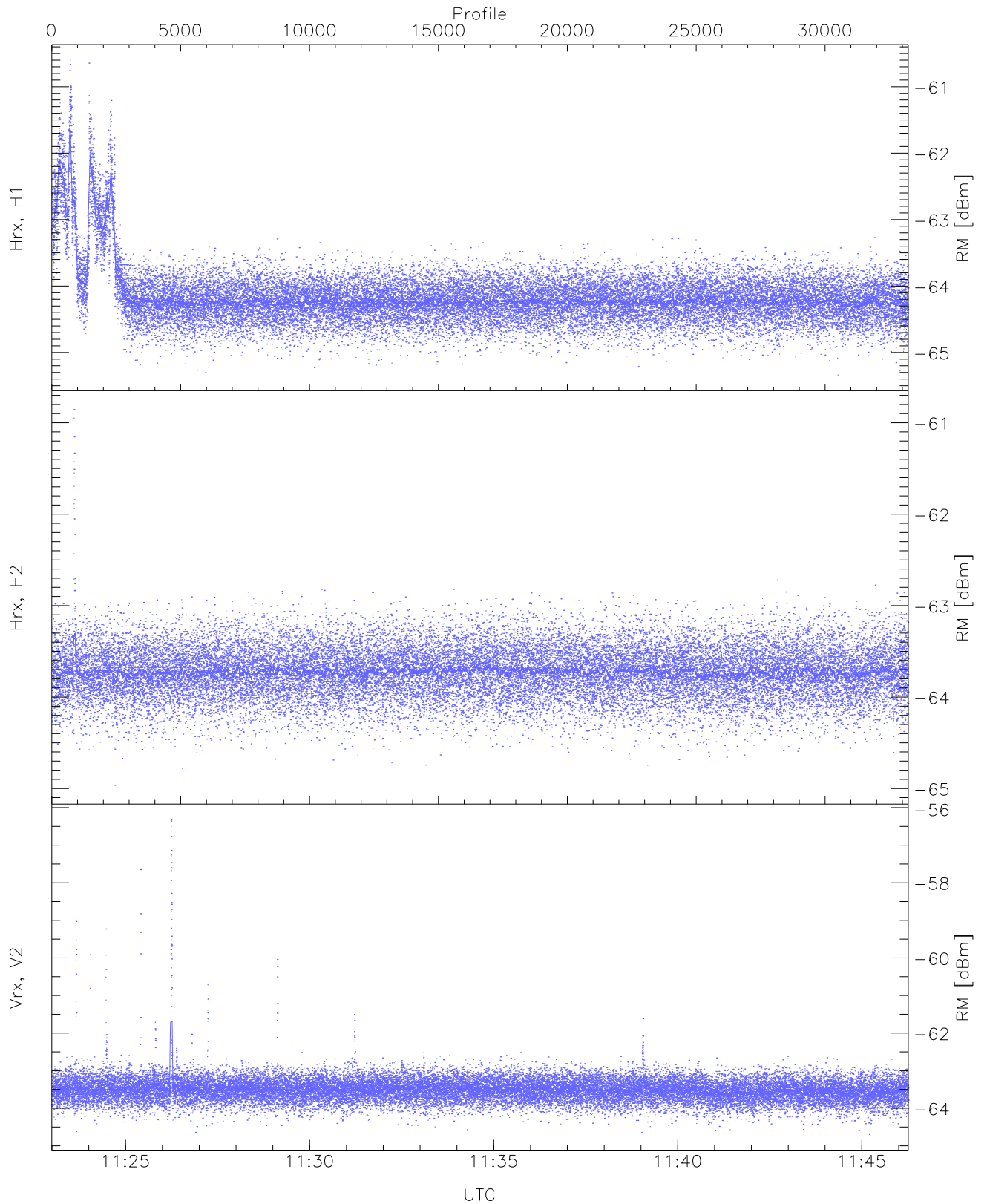
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.93 | -62.71 | -63.68 | -63.69 | -75.81 |
| Hrx, H2 (WL [dBm]) | -64.78 | -62.67 | -63.69 | -63.69 | -75.84 |
| Vrx, V2 (WL [dBm]) | -64.55 | -62.32 | -63.38 | -63.39 | -75.41 |



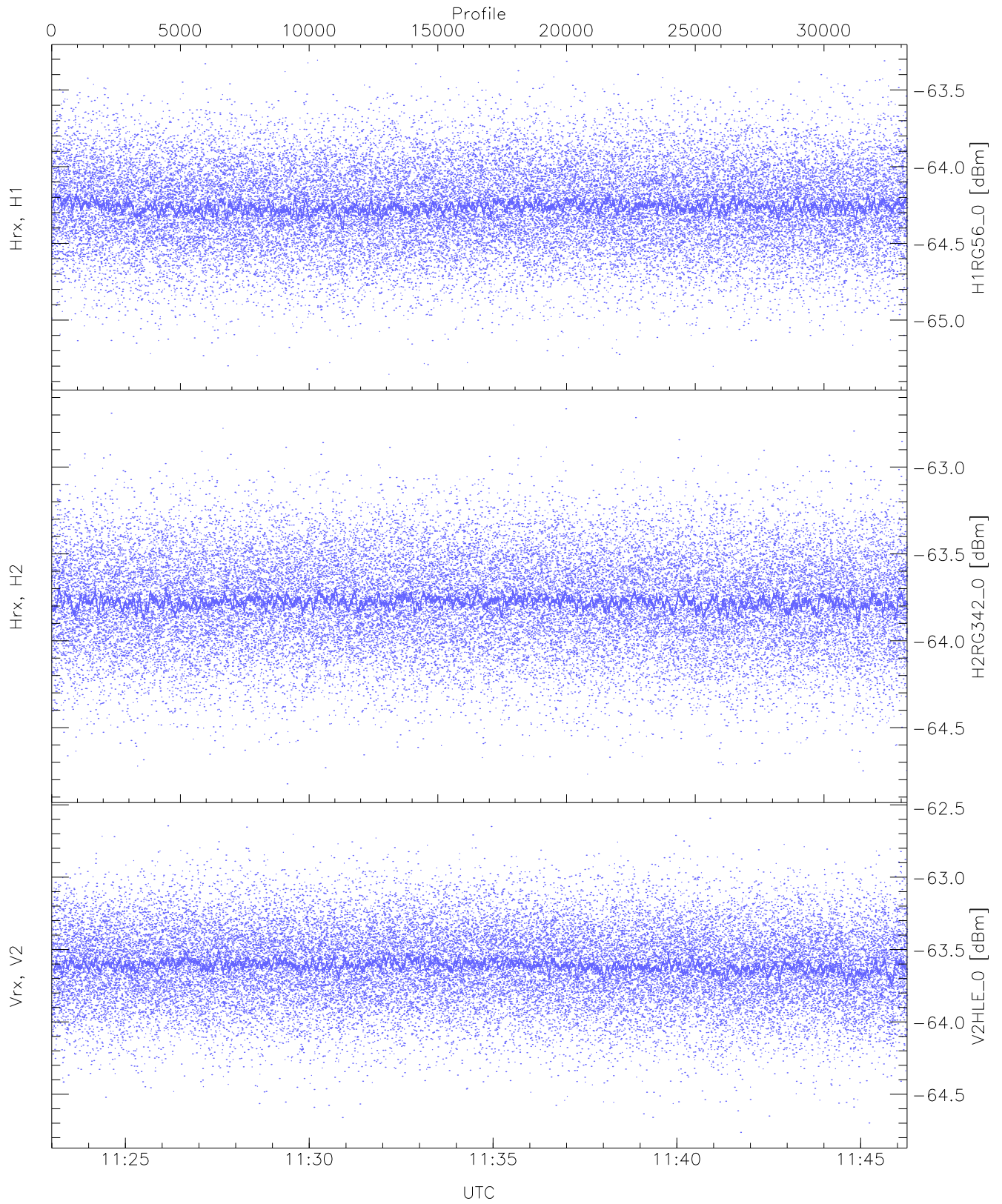
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.62 | -62.43 | -63.49 | -63.50 | -75.70 |
| Hrx, H2 (HL [dBm]) | -64.58 | -62.44 | -63.49 | -63.50 | -75.68 |
| Vrx, V2 (HL [dBm]) | -64.47 | -62.30 | -63.31 | -63.32 | -75.45 |



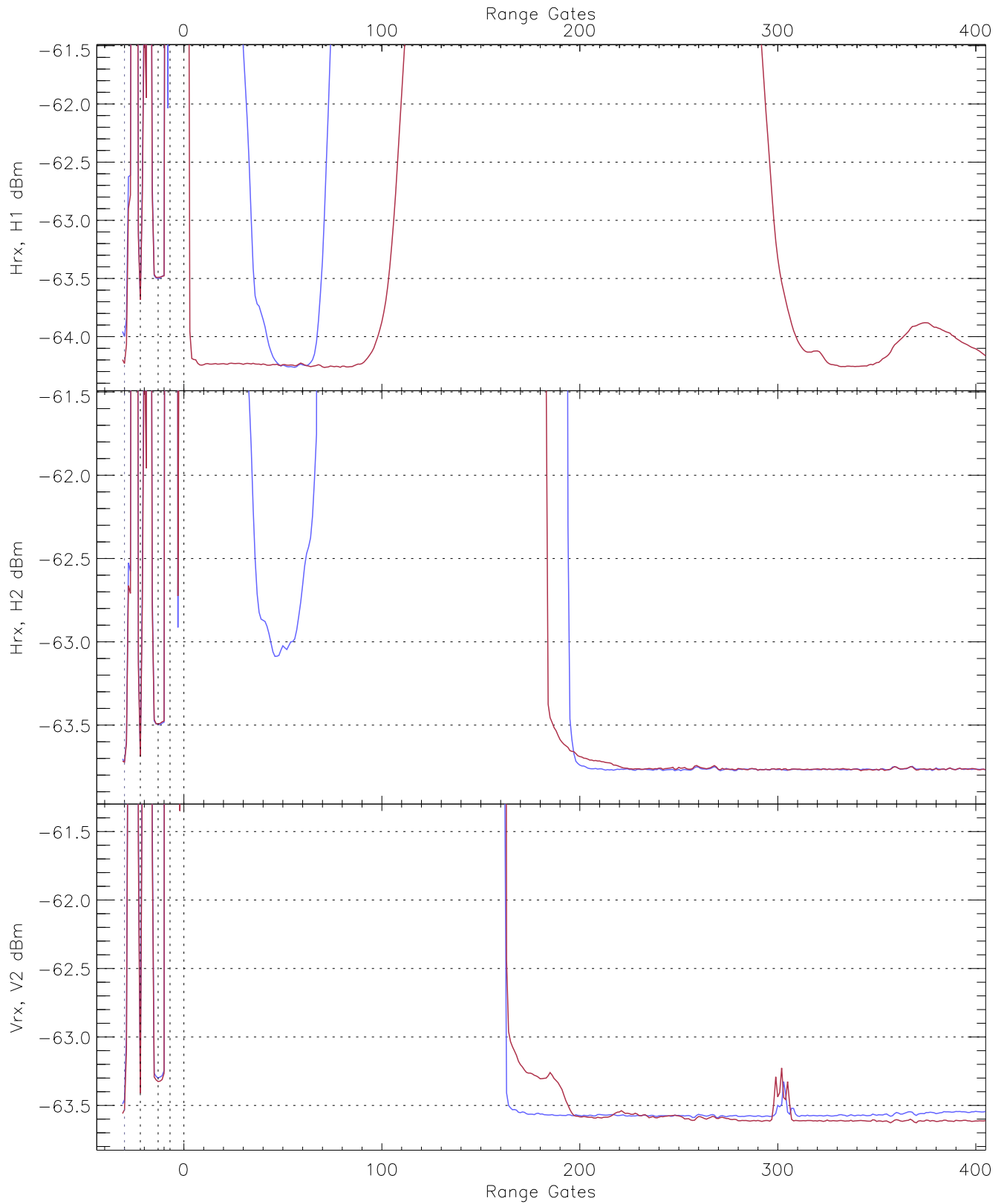
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.34 | -60.60 | -64.11 | -64.21 | -73.07 |
| Hrx, H2 (RM [dBm]) | -64.96 | -60.85 | -63.72 | -63.73 | -75.74 |
| Vrx, V2 (RM [dBm]) | -64.70 | -56.32 | -63.49 | -63.52 | -73.19 |



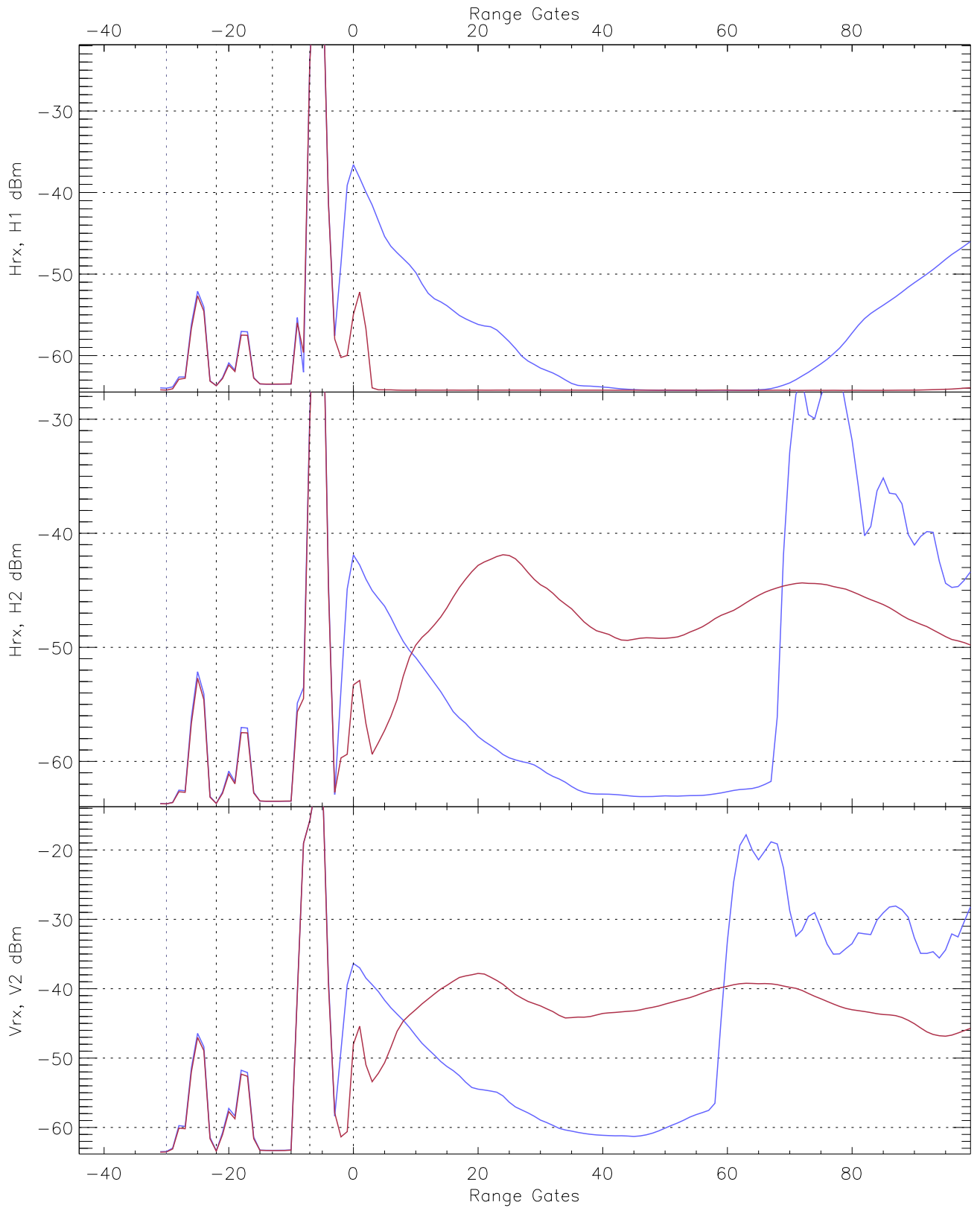
WCR2 CPP "Best" estimate Receivers Noise Power

|                 | Min    | Max    | Mean   | Median | StDev  |
|-----------------|--------|--------|--------|--------|--------|
| H1RG56_0 [dBm]  | -65.35 | -63.31 | -64.26 | -64.26 | -76.37 |
| H2RG342_0 [dBm] | -64.82 | -62.66 | -63.77 | -63.78 | -75.92 |
| V2HLE_0 [dBm]   | -64.76 | -62.59 | -63.61 | -63.61 | -75.74 |

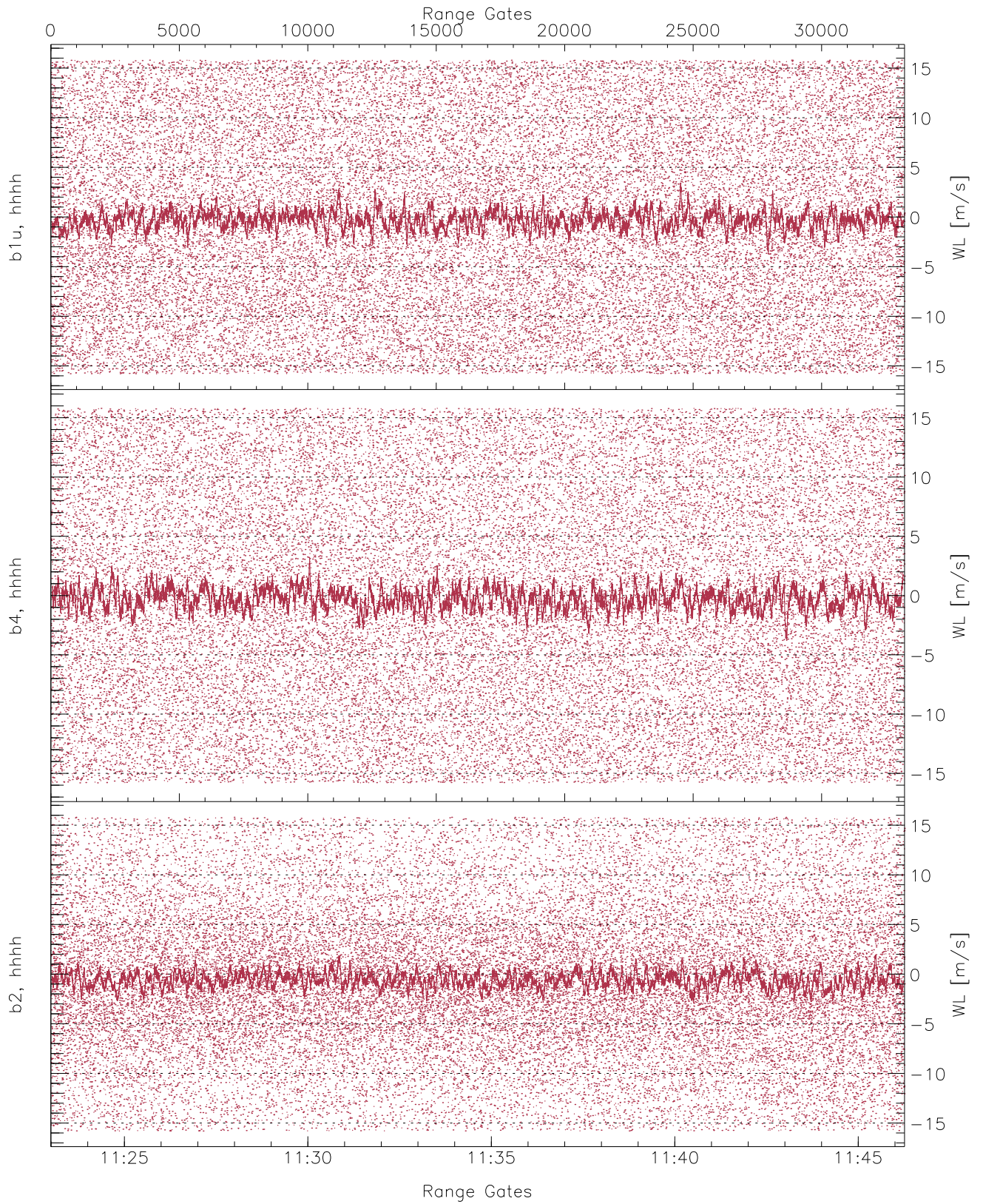


WCR2 CPP Averaged Received power for all recorded gates  
blue: 112300-113438, 16616 profiles averaged  
red: 113438-114616, 16615 profiles averaged

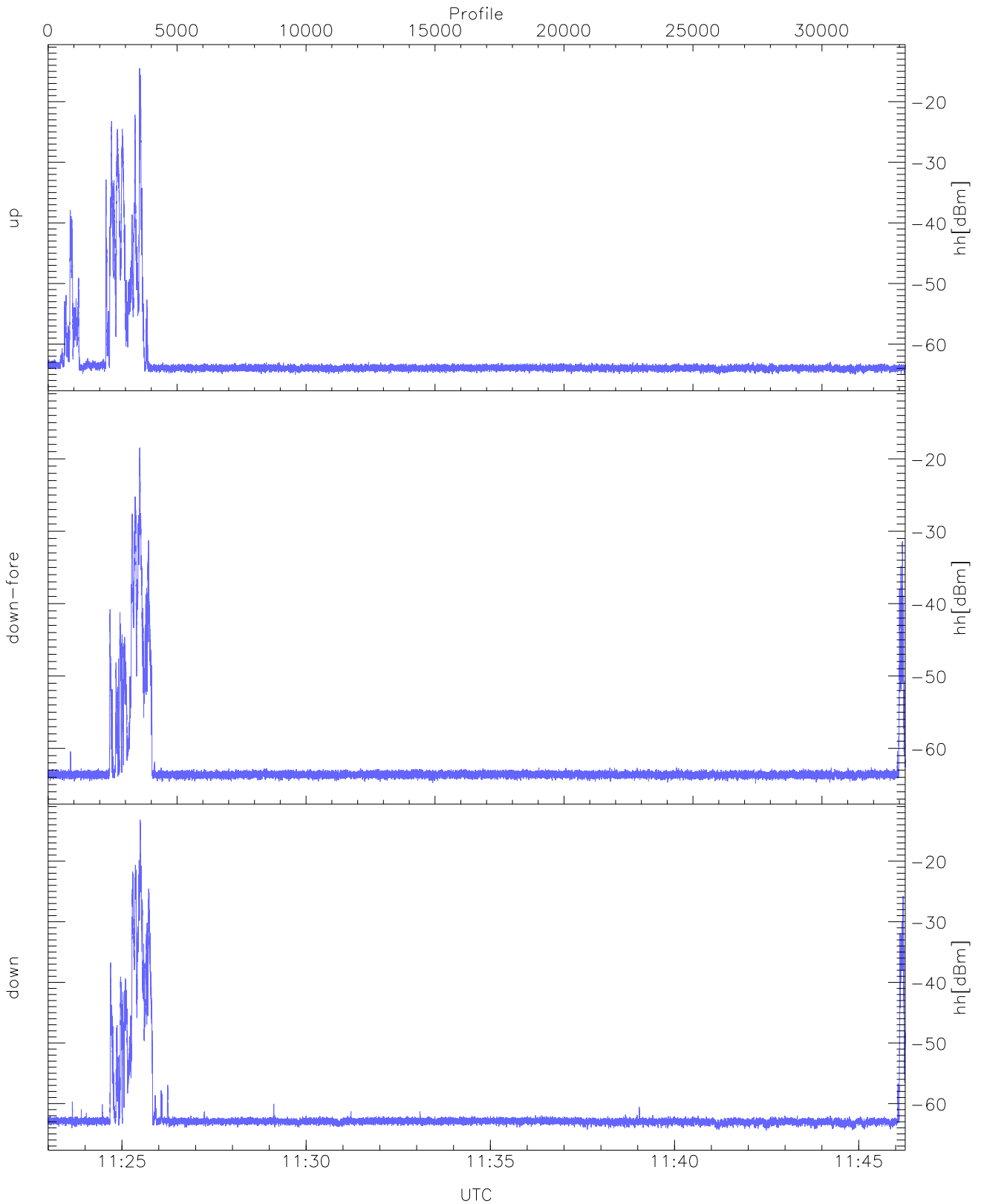




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 112300-113438, 16616 profiles averaged  
red: 113438-114616, 16615 profiles averaged

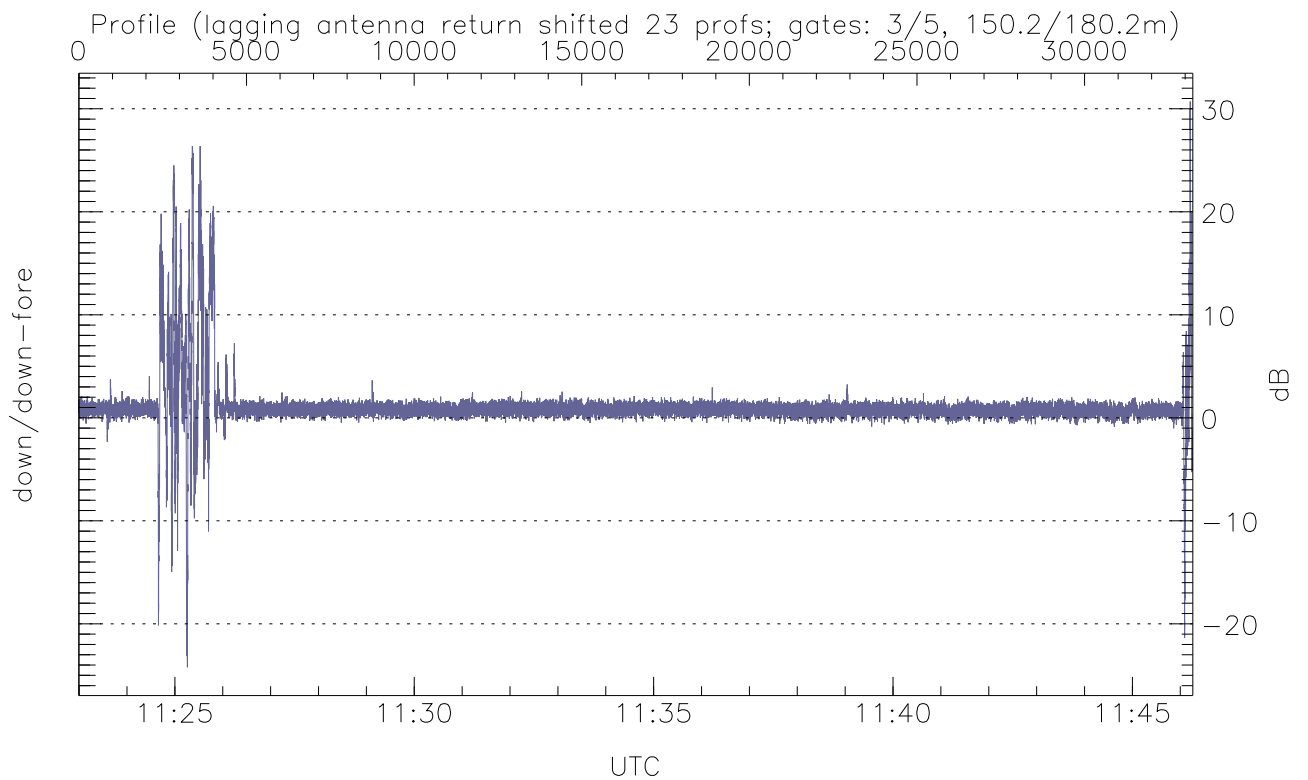
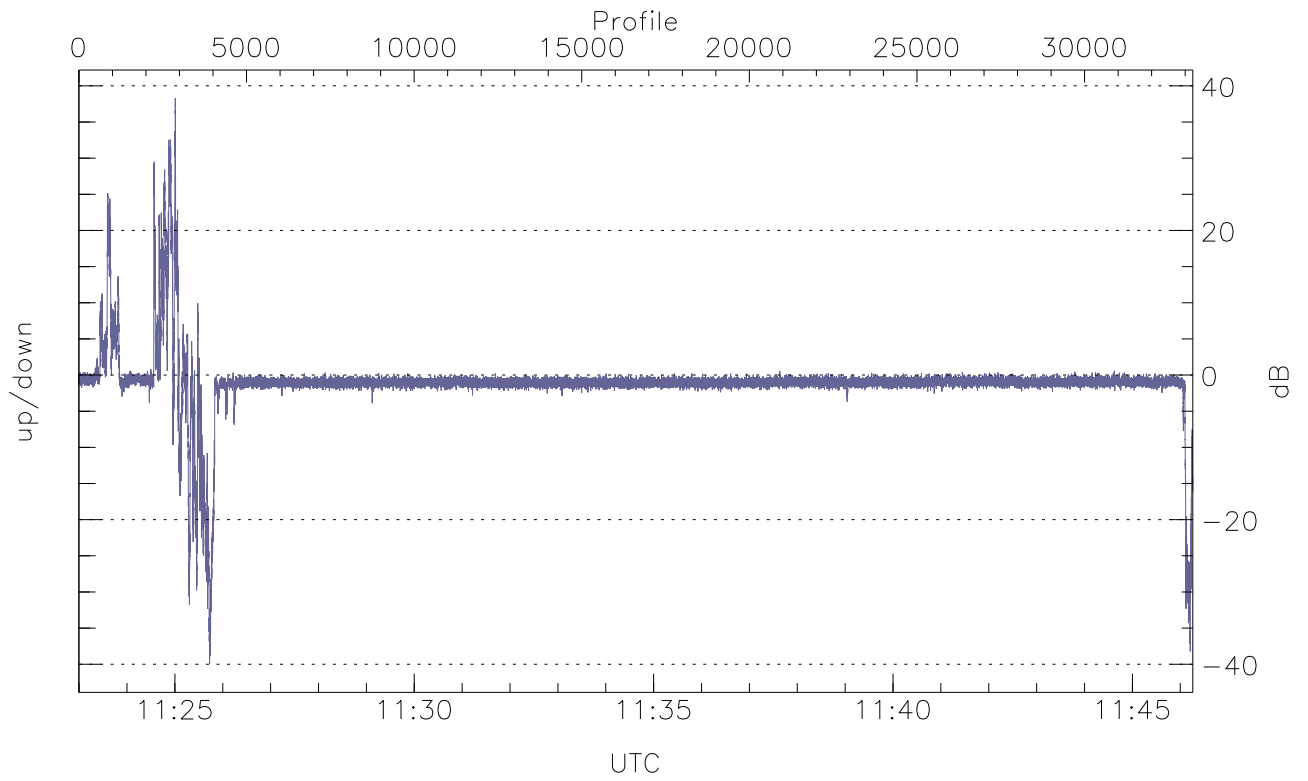


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



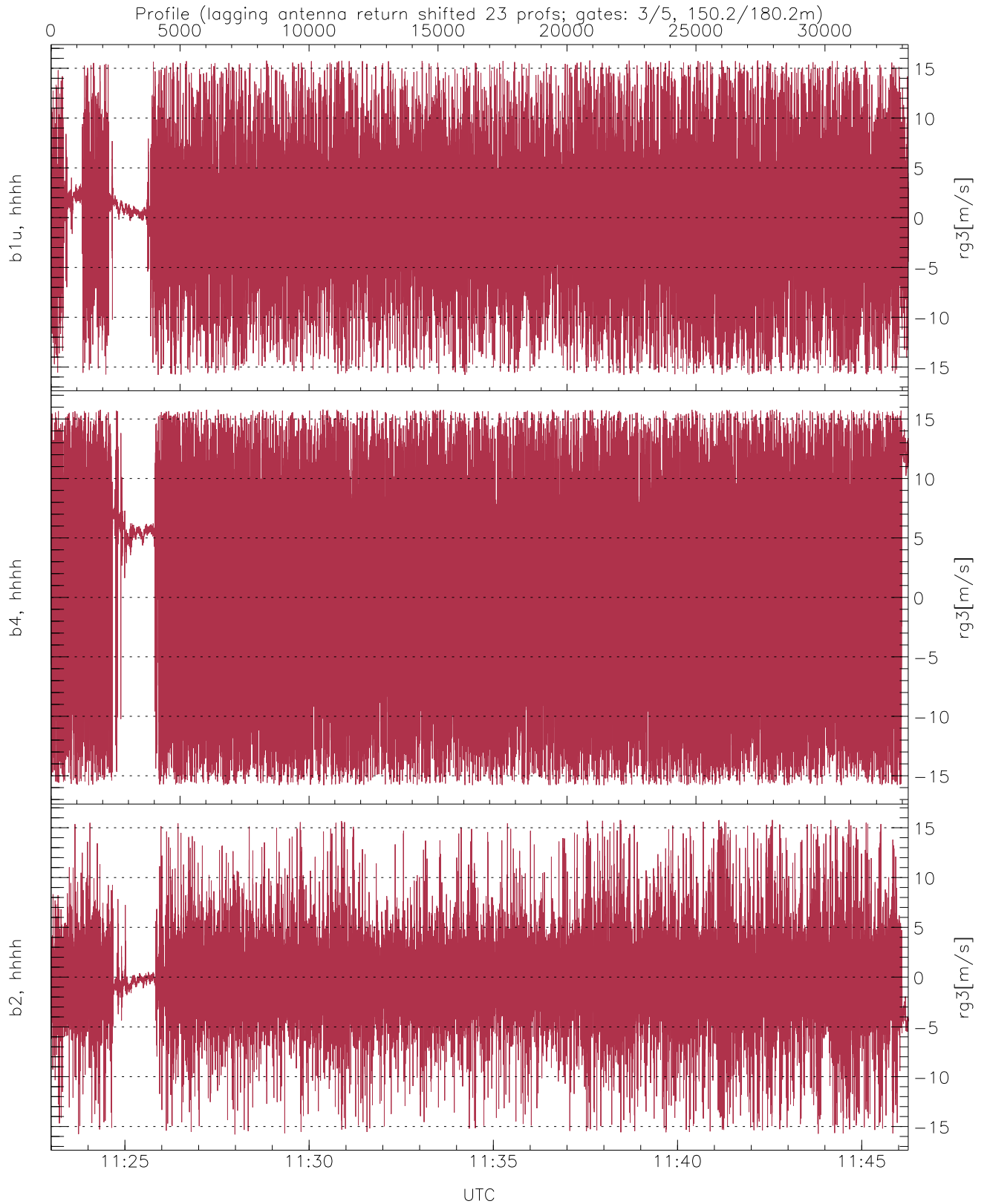
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

|                    | Min    | Max    | Mean   |
|--------------------|--------|--------|--------|
| up(hh[dBm])        | -65.09 | -14.50 | -44.52 |
| down-fore(hh[dBm]) | -64.83 | -18.45 | -47.87 |
| down(hh[dBm])      | -64.46 | -13.18 | -42.26 |



WCR2 Beam pairs Received Power Ratio(s)

|                     | Min    | Max   | Mean  |
|---------------------|--------|-------|-------|
| up/down (dB)        | -39.97 | 38.28 | -1.07 |
| down/down-fore (dB) | -24.22 | 30.71 | 1.05  |



WCR2 CPP Doppler Velocity Products at 150.2 m range

|                     | Min    | Max   | Mean  | StDev |
|---------------------|--------|-------|-------|-------|
| b1u, hhhh(rg3[m/s]) | -15.79 | 15.79 | -0.26 | 5.29  |
| b4, hhhh(rg3[m/s])  | -15.80 | 15.80 | 0.47  | 7.68  |
| b2, hhhh(rg3[m/s])  | -15.80 | 15.79 | -0.38 | 3.68  |