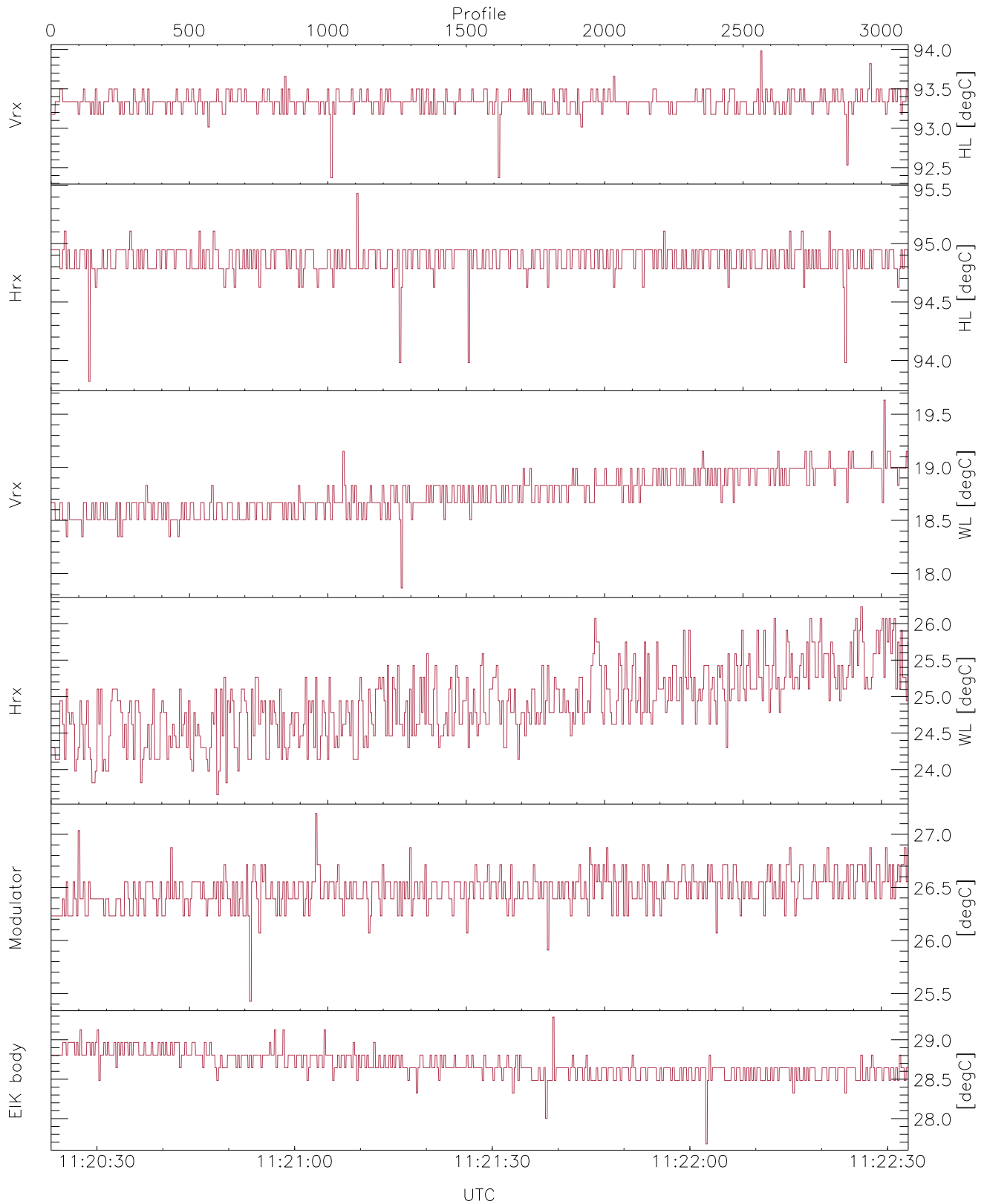


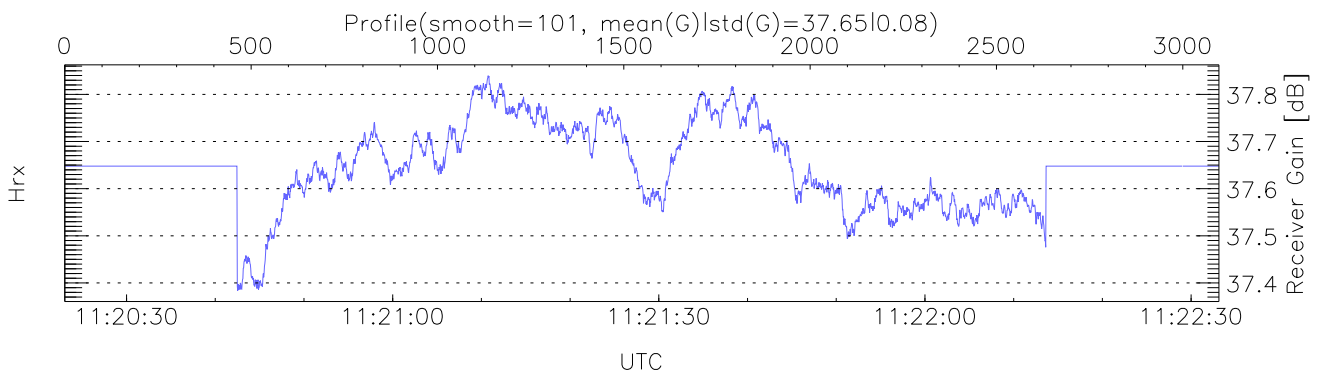
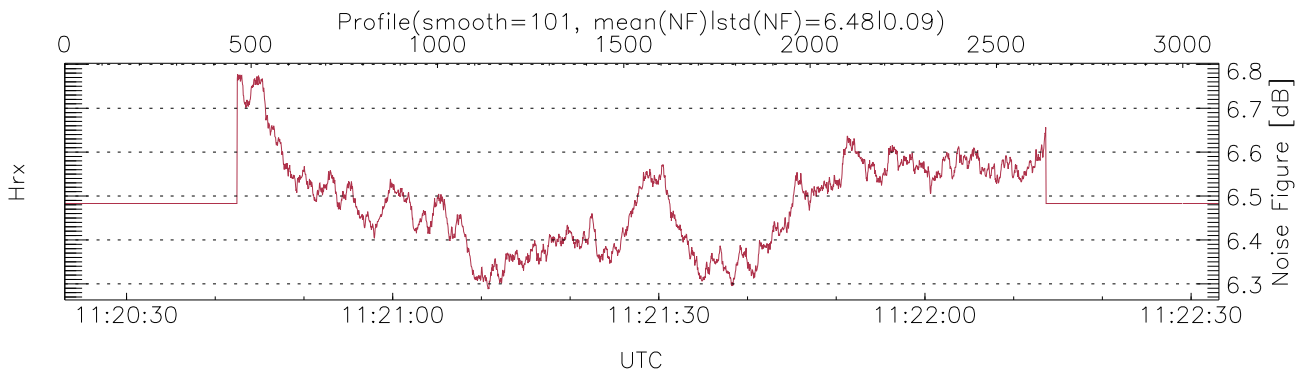
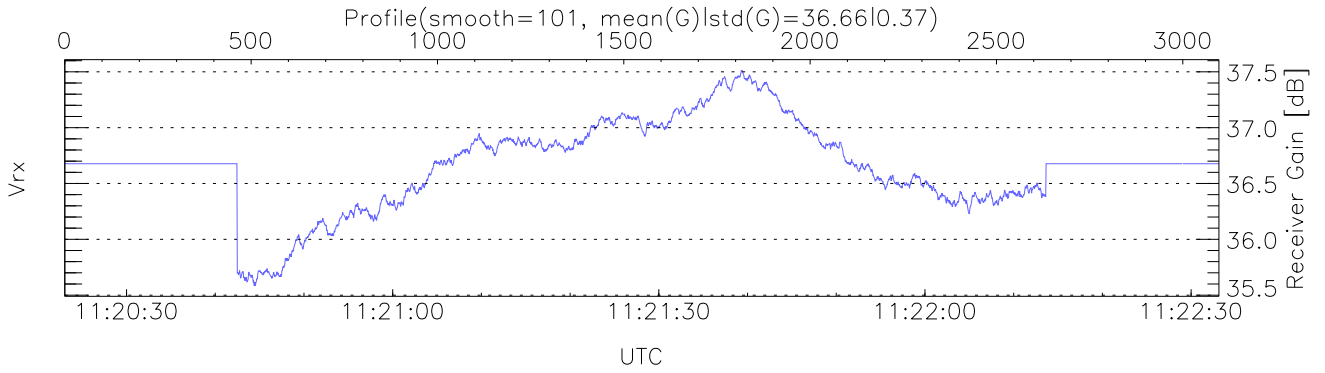
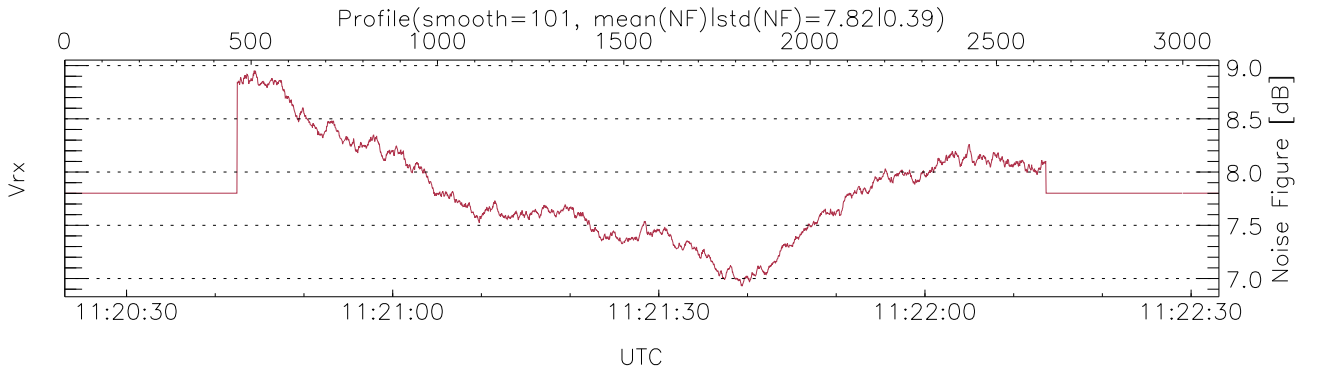
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 11:20:23-11:22:33, Dur: 130.11s  
 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): 3098/3098, 0-3097/11:20:23-11:22:33  
 AcqTime: 42.0ms, Rate: 210KB/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,rgs): 105,3183,15.0 m, Gates: 206, Aspect: 4.0  
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



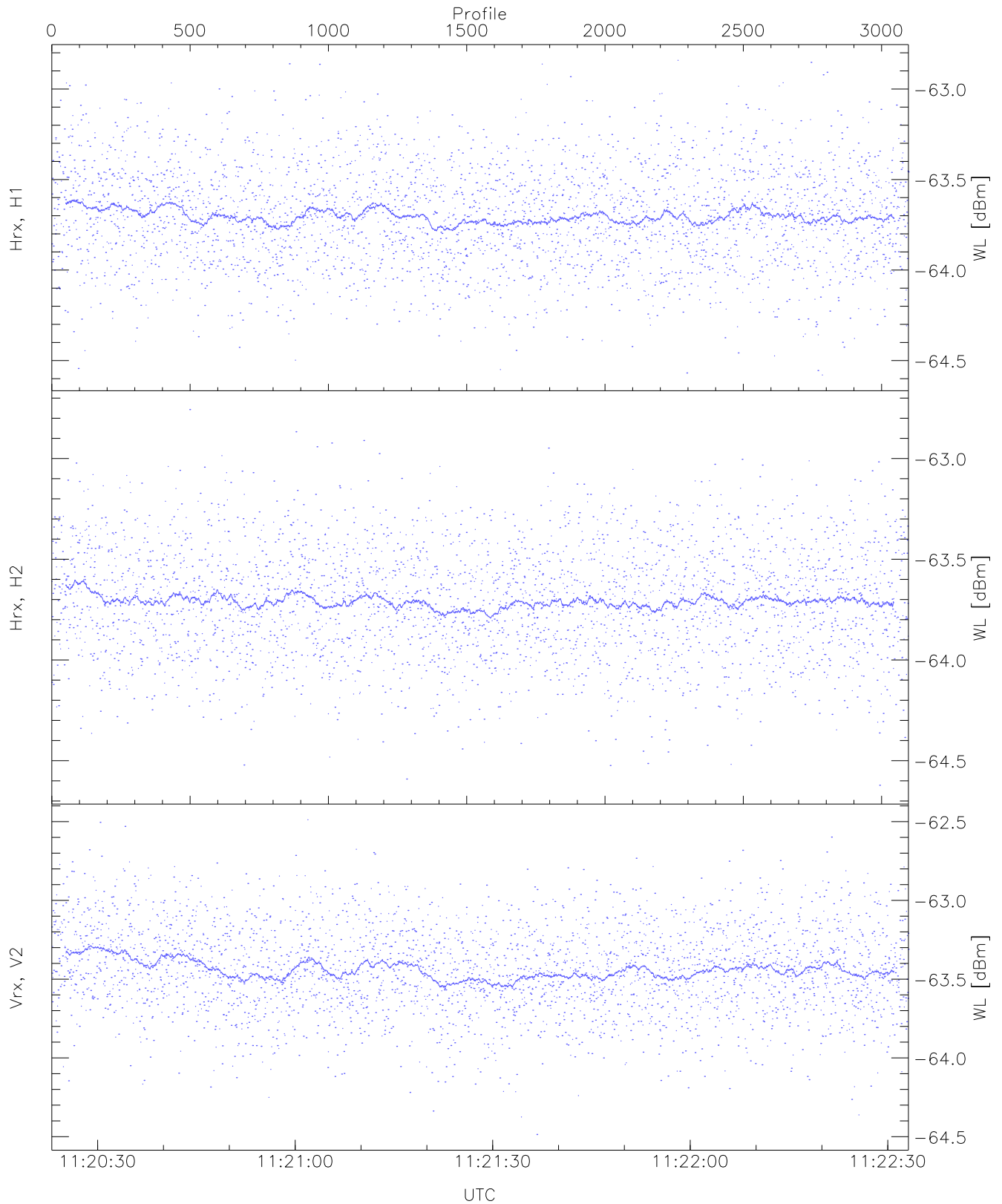
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,23,25,27  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,19,26,27,29  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



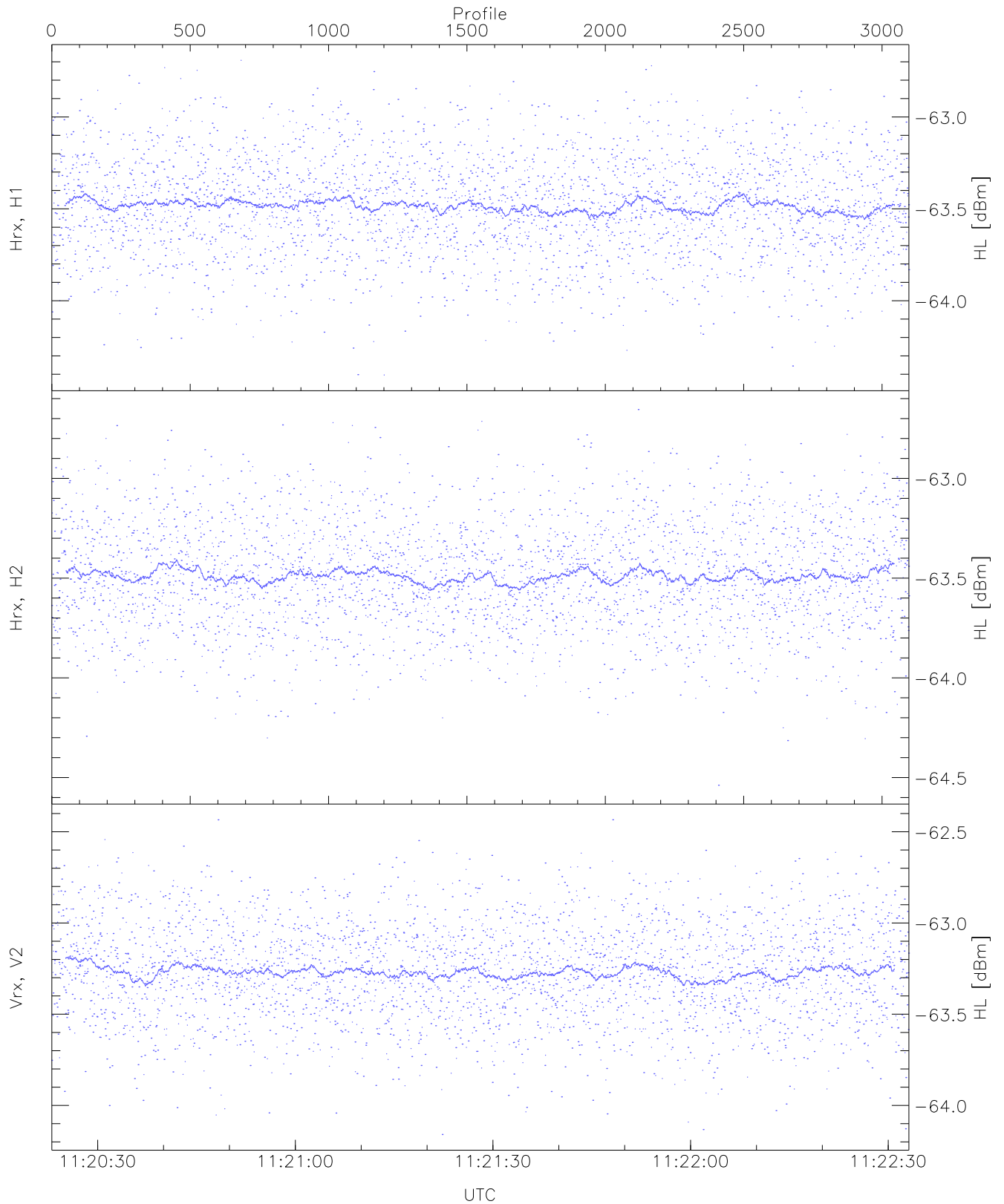
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 69 pixs, 4 gates, 67 profs, 1 prods



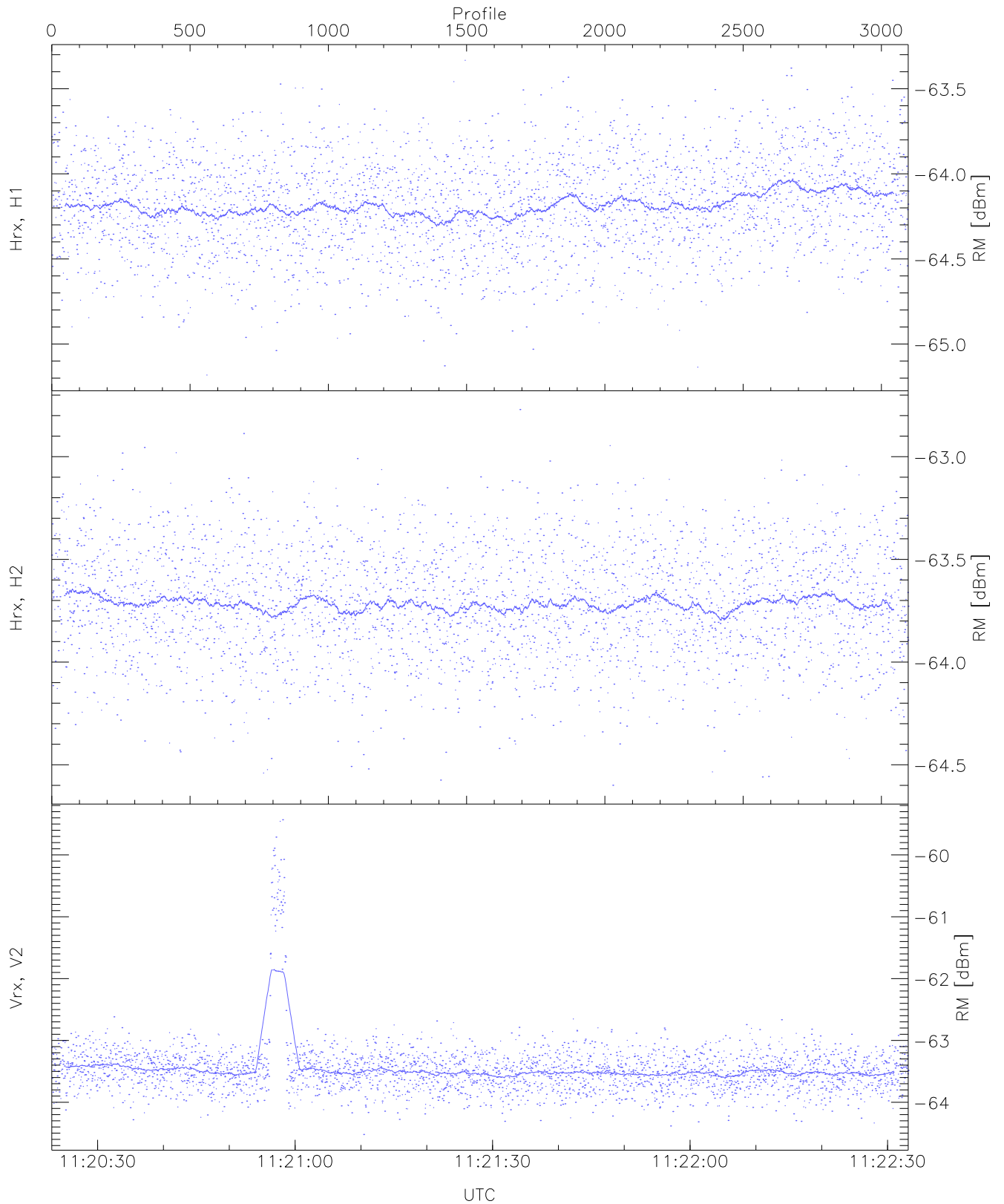
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.58 | -62.84 | -63.70 | -63.70 | -75.73 |
| Hrx, H2 (WL [dBm]) | -64.62 | -62.76 | -63.70 | -63.71 | -75.79 |
| Vrx, V2 (WL [dBm]) | -64.49 | -62.49 | -63.43 | -63.45 | -75.44 |



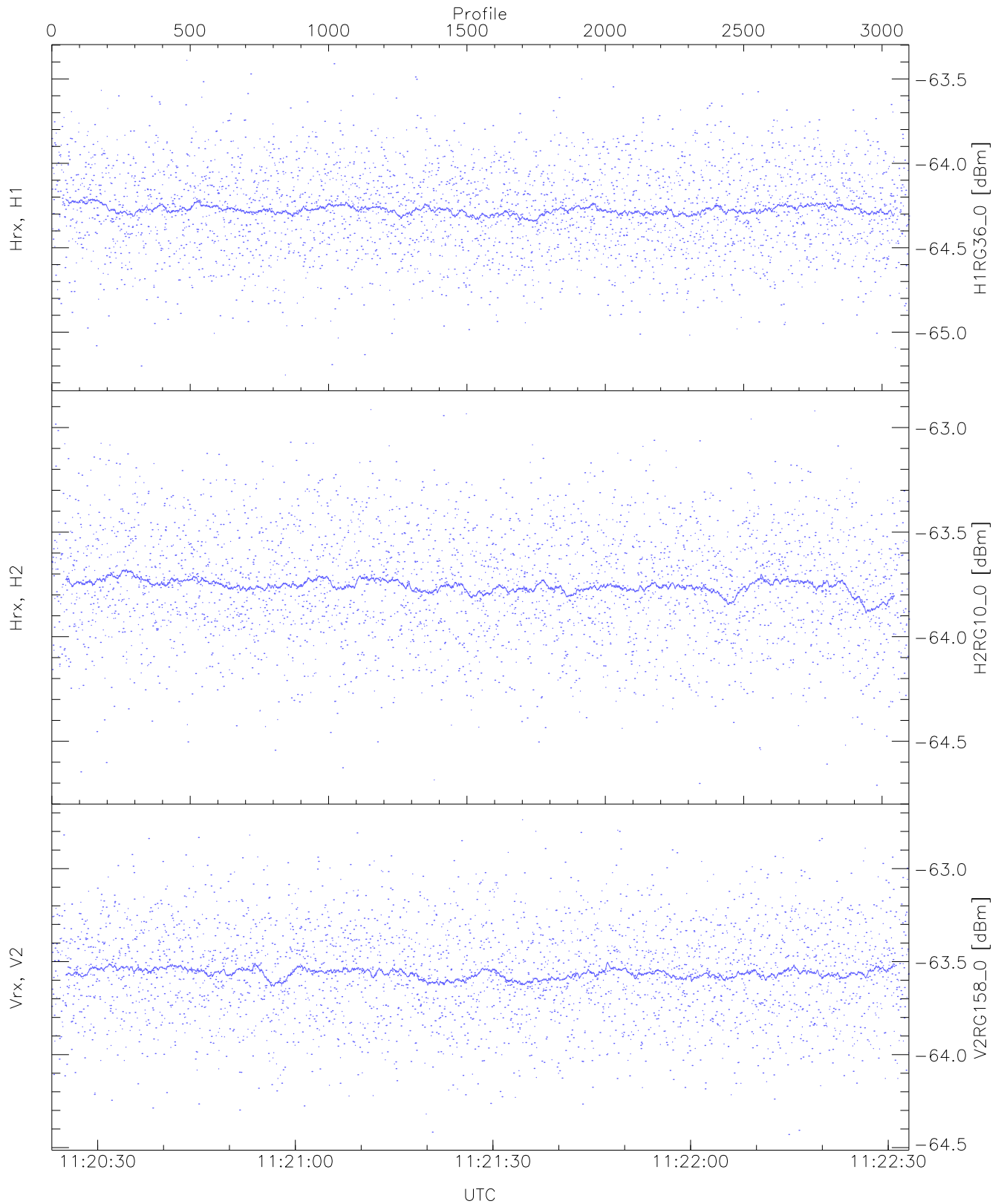
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.40 | -62.69 | -63.48 | -63.48 | -75.70 |
| Hrx, H2 (HL [dBm]) | -64.54 | -62.65 | -63.48 | -63.49 | -75.69 |
| Vrx, V2 (HL [dBm]) | -64.16 | -62.43 | -63.26 | -63.26 | -75.53 |



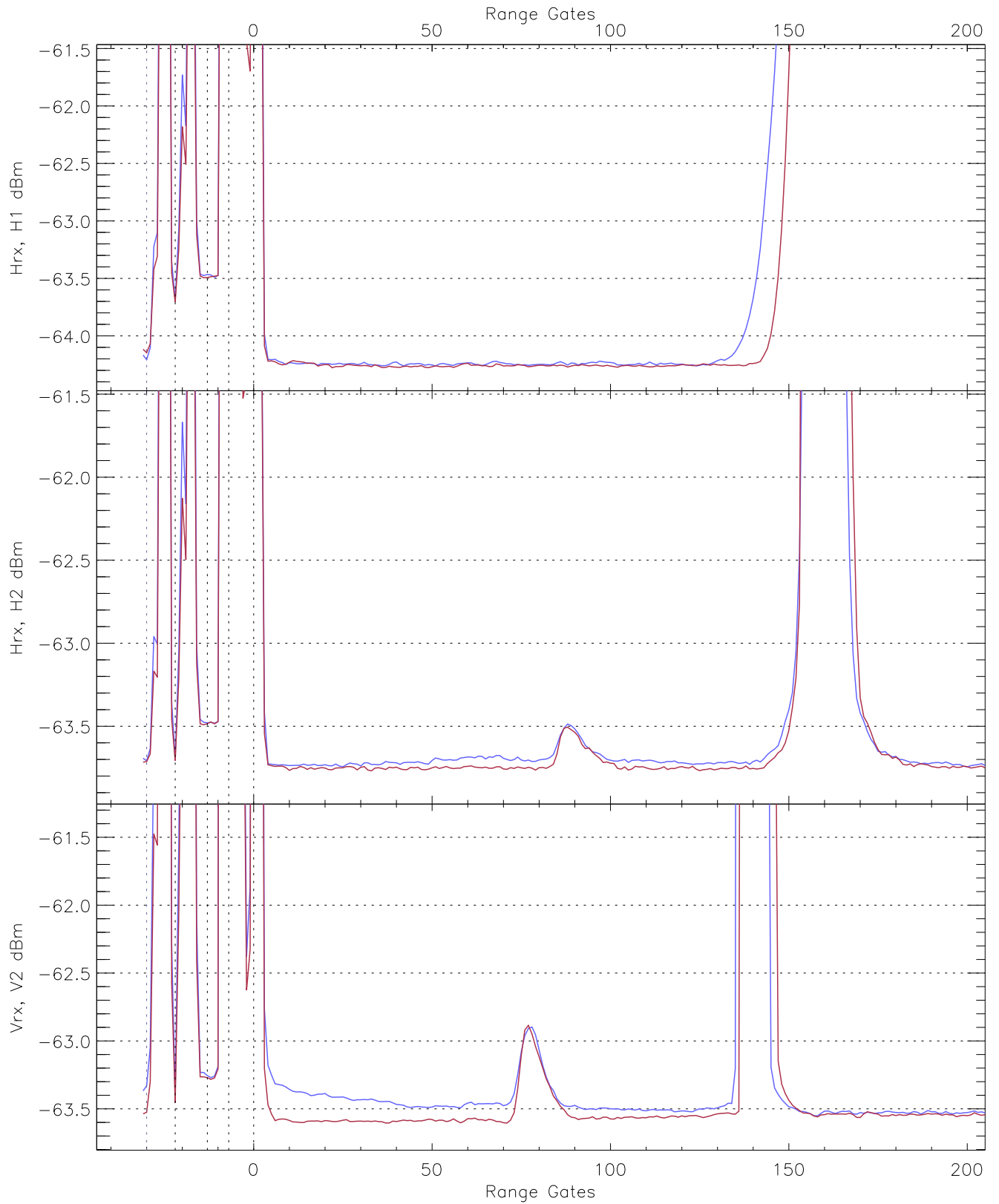
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.18 | -63.33 | -64.18 | -64.18 | -76.28 |
| Hrx, H2 (RM [dBm]) | -64.60 | -62.77 | -63.71 | -63.72 | -75.99 |
| Vrx, V2 (RM [dBm]) | -64.52 | -59.43 | -63.43 | -63.50 | -71.93 |



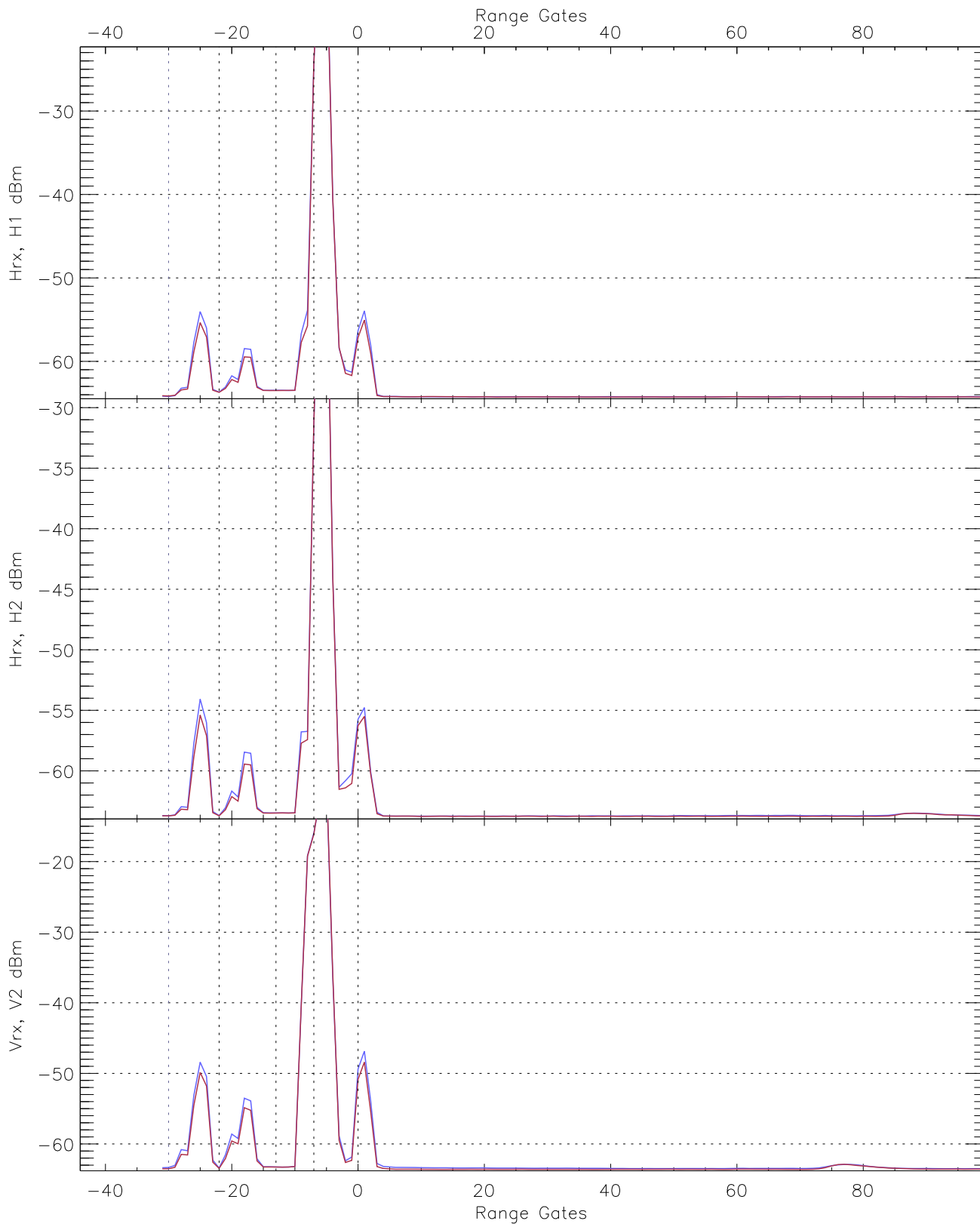
WCR2 CPP "Best" estimate Receivers Noise Power

|                 | Min    | Max    | Mean   | Median | StDev  |
|-----------------|--------|--------|--------|--------|--------|
| H1RG36_0 [dBm]  | -65.25 | -63.39 | -64.27 | -64.27 | -76.46 |
| H2RG10_0 [dBm]  | -64.71 | -62.91 | -63.75 | -63.76 | -75.85 |
| V2RG158_0 [dBm] | -64.43 | -62.74 | -63.56 | -63.56 | -75.79 |

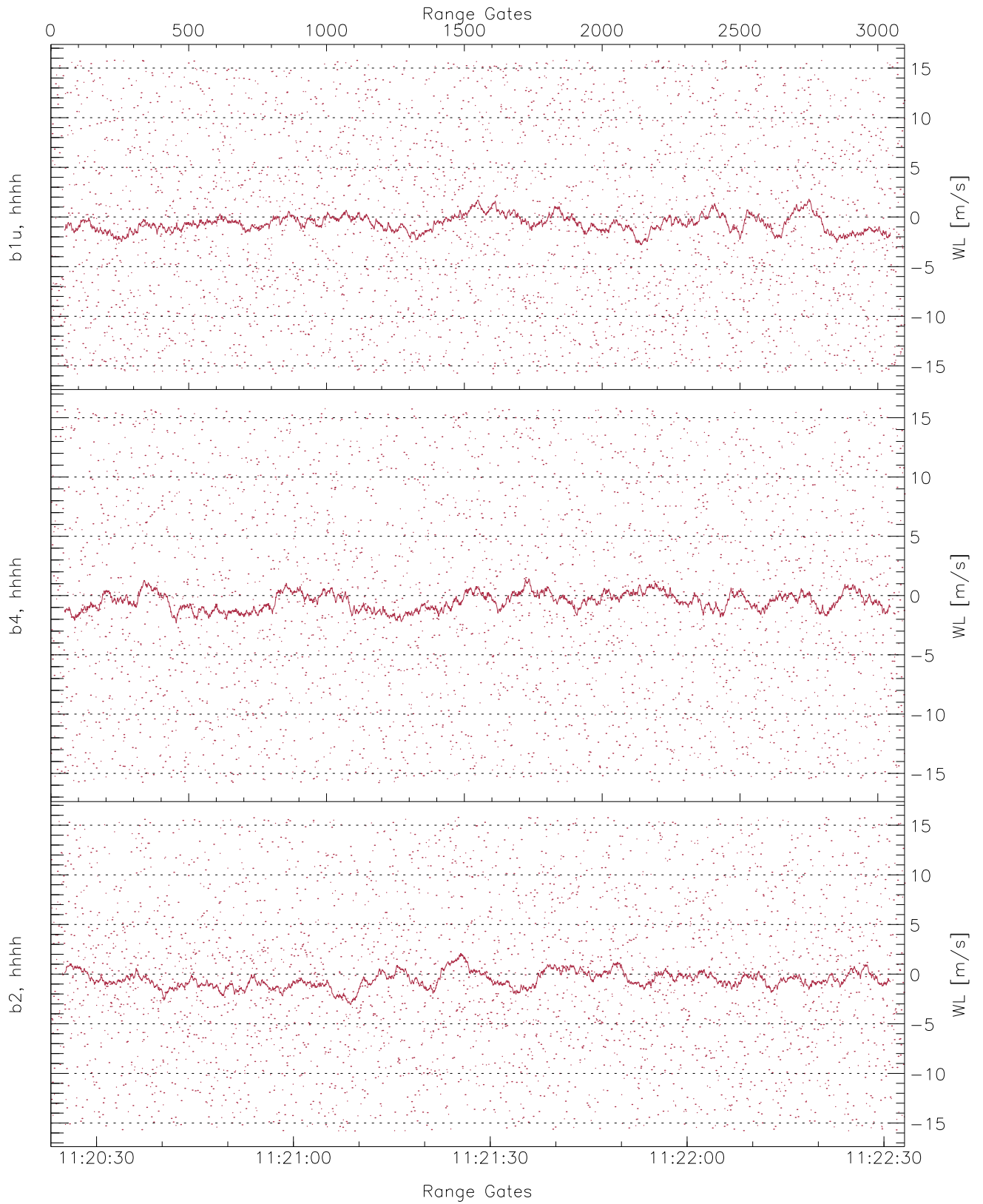


WCR2 CPP Averaged Received power for all recorded gates  
blue: 112023-112128, 1550 profiles averaged  
red: 112128-112233, 1549 profiles averaged

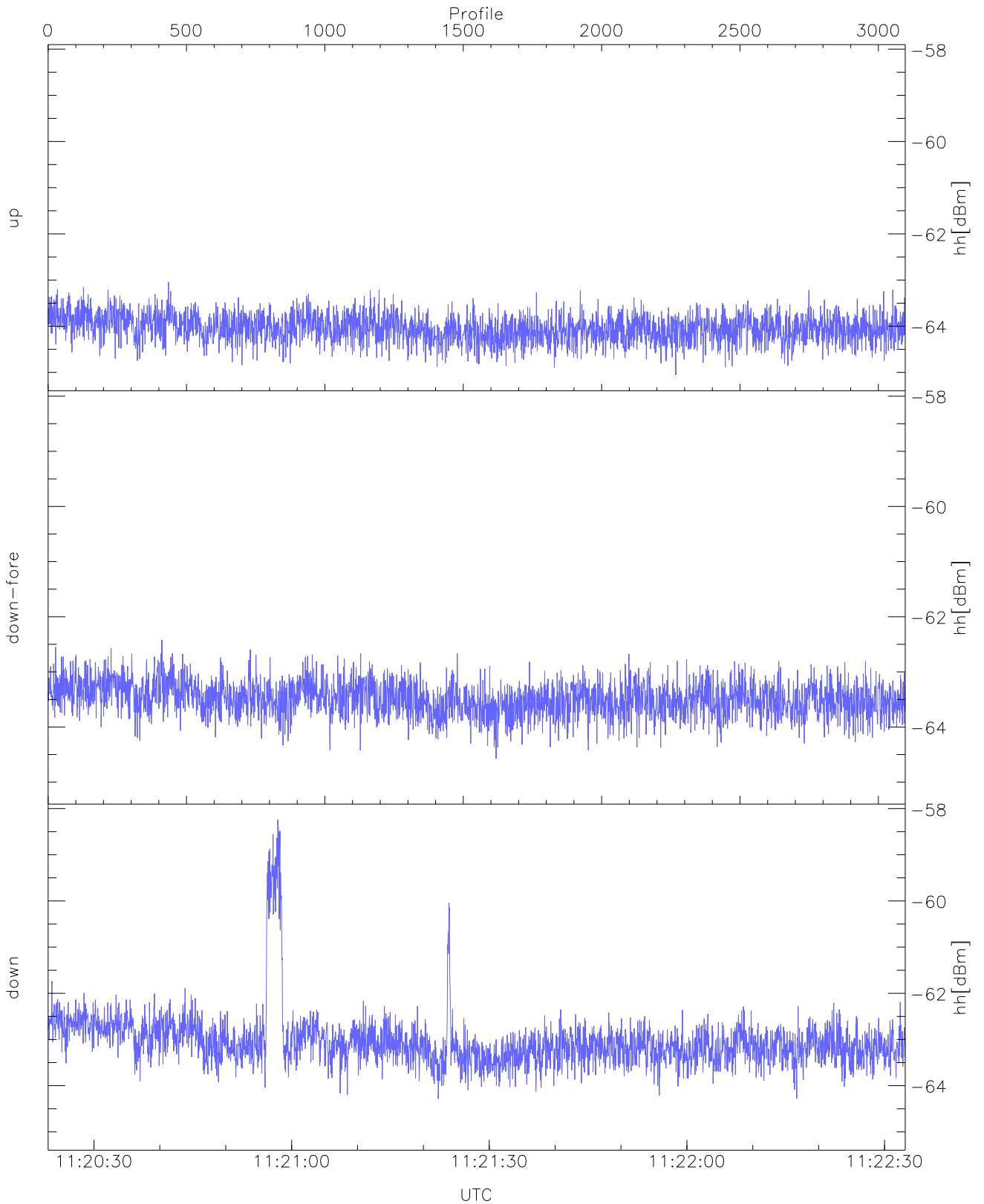




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 112023-112128, 1550 profiles averaged  
red: 112128-112233, 1549 profiles averaged

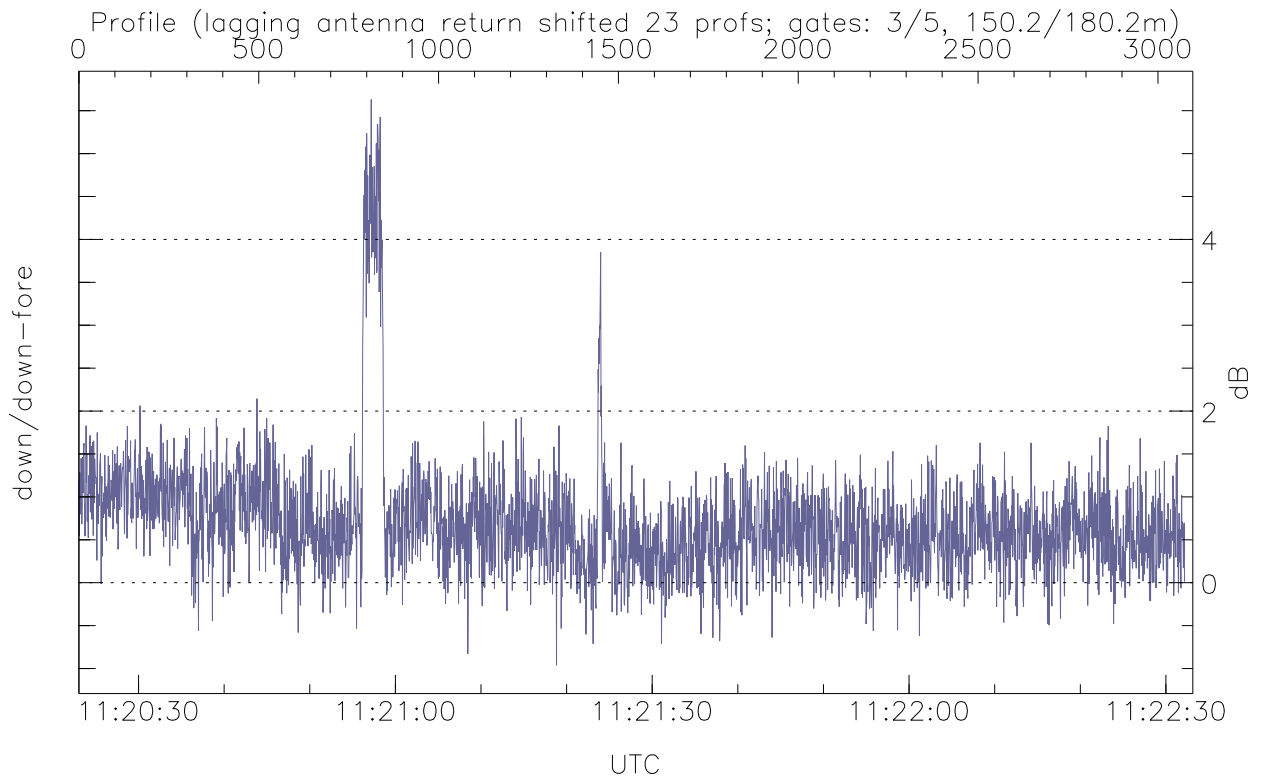
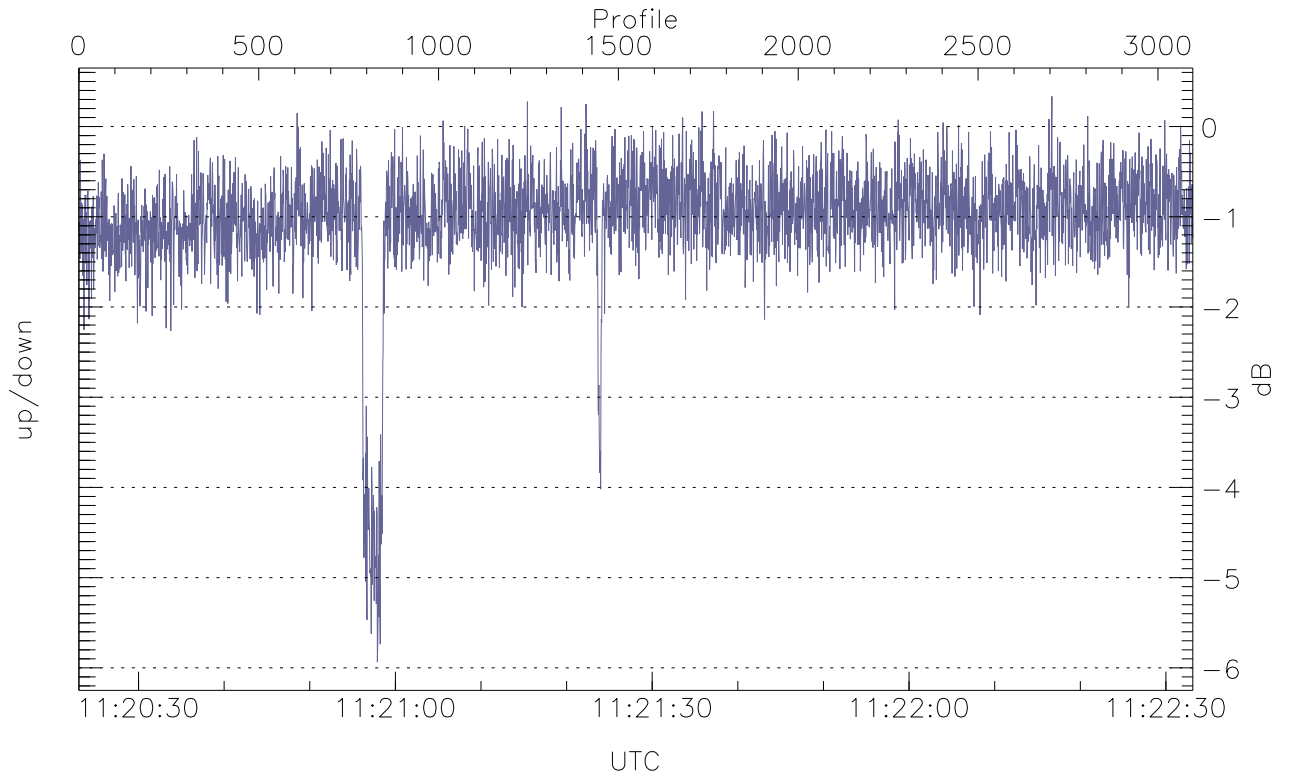


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



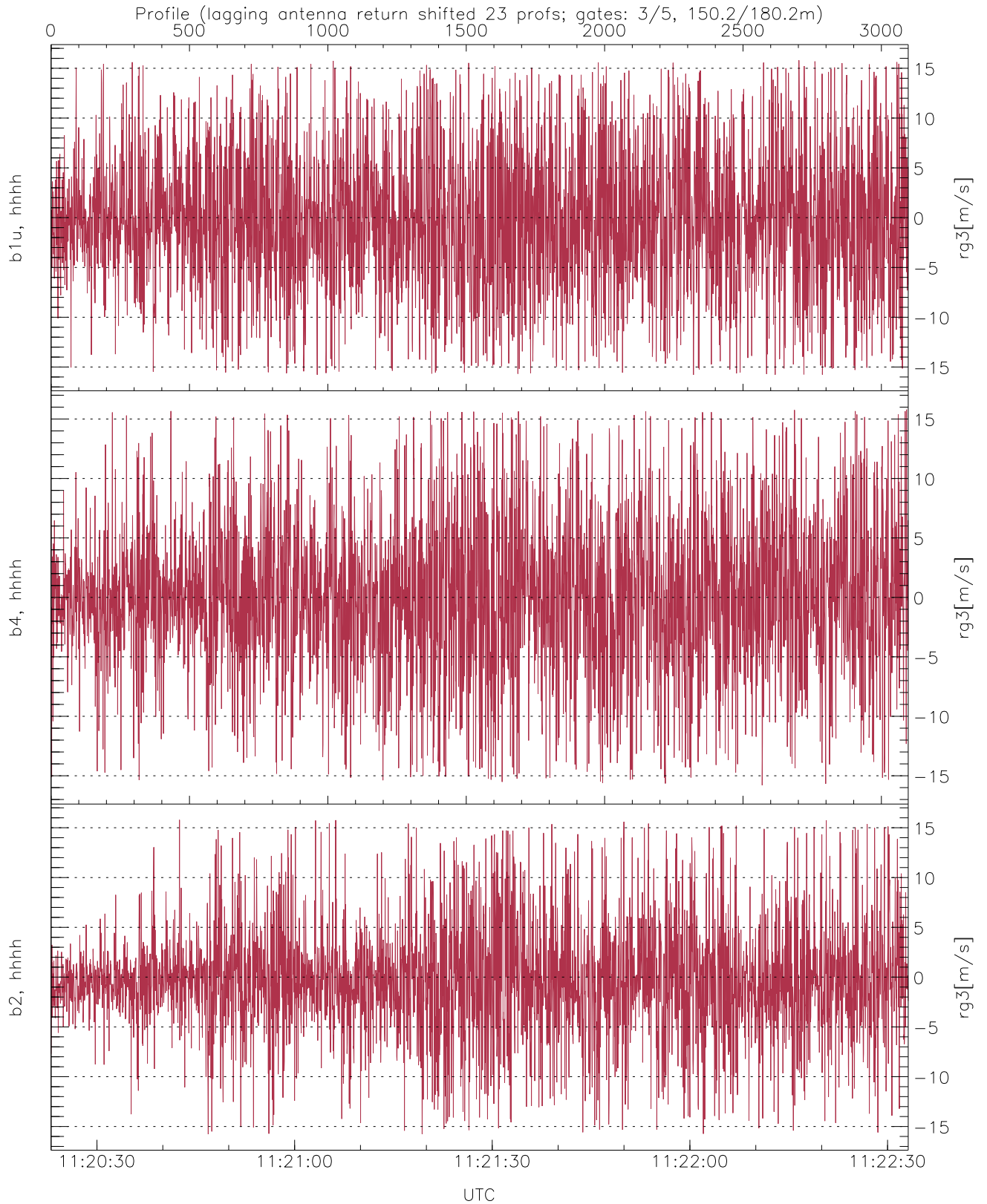
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

|                    | Min    | Max    | Mean   |
|--------------------|--------|--------|--------|
| up(hh[dBm])        | -65.06 | -63.04 | -64.03 |
| down-fore(hh[dBm]) | -64.57 | -62.42 | -63.48 |
| down(hh[dBm])      | -64.28 | -58.24 | -62.98 |



WCR2 Beam pairs Received Power Ratio(s)

|                     | Min   | Max  | Mean  |
|---------------------|-------|------|-------|
| up/down (dB)        | -5.94 | 0.34 | -1.01 |
| down/down-fore (dB) | -0.96 | 5.63 | 0.71  |



WCR2 CPP Doppler Velocity Products at 150.2 m range

|                     | Min    | Max   | Mean  | StDev |
|---------------------|--------|-------|-------|-------|
| b1u, hhhh(rg3[m/s]) | -15.79 | 15.80 | -0.35 | 6.97  |
| b4, hhhh(rg3[m/s])  | -15.80 | 15.79 | -0.06 | 6.39  |
| b2, hhhh(rg3[m/s])  | -15.78 | 15.79 | -0.39 | 5.58  |