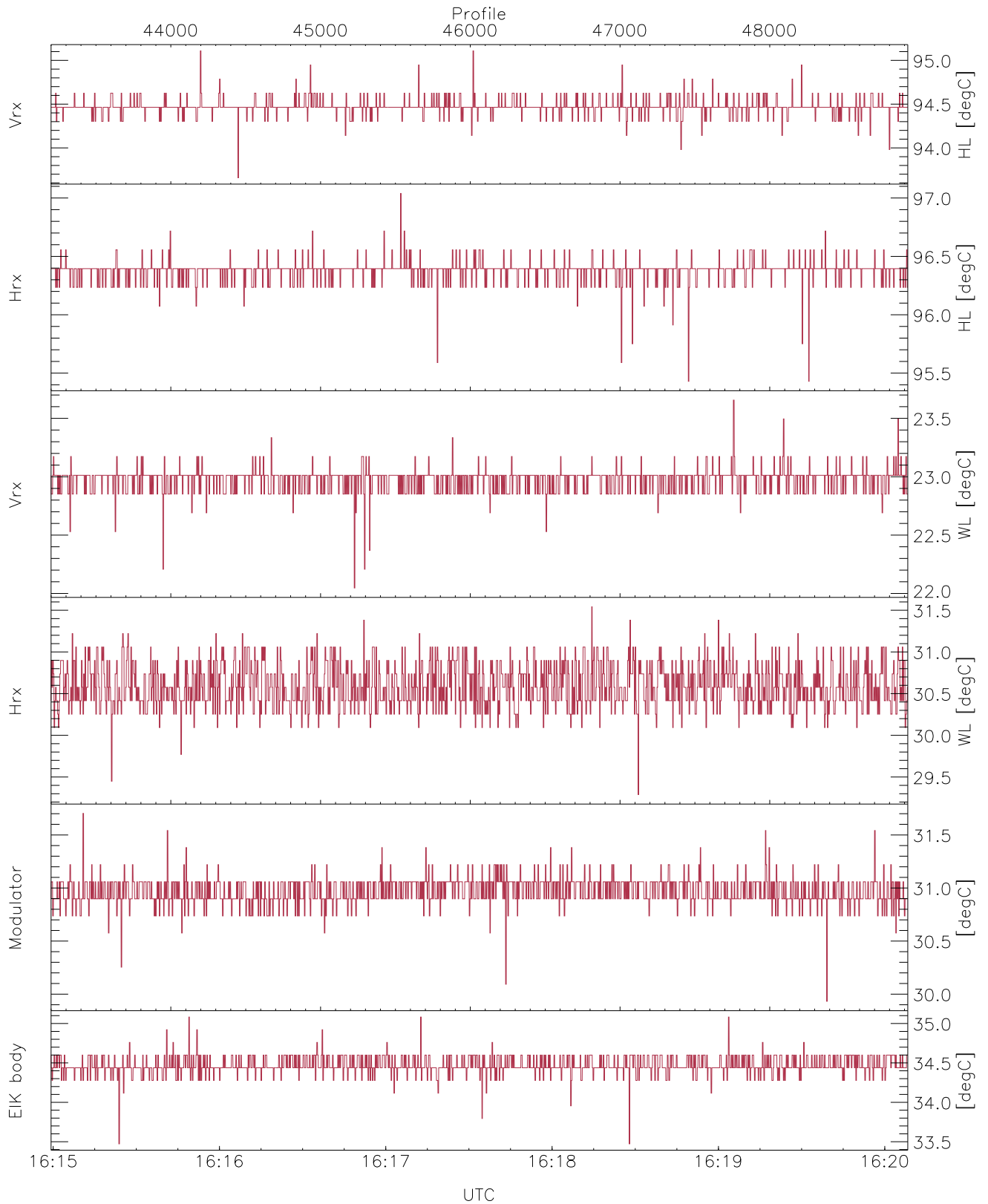


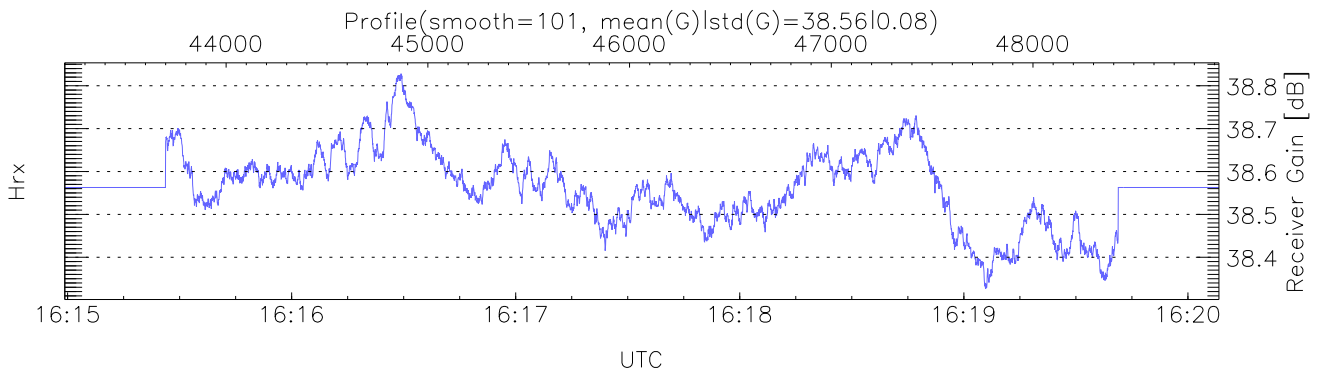
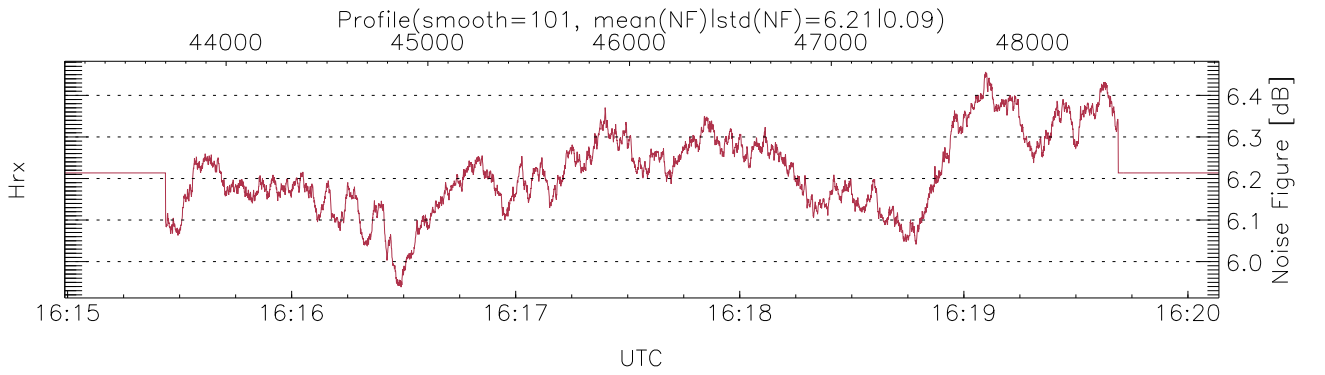
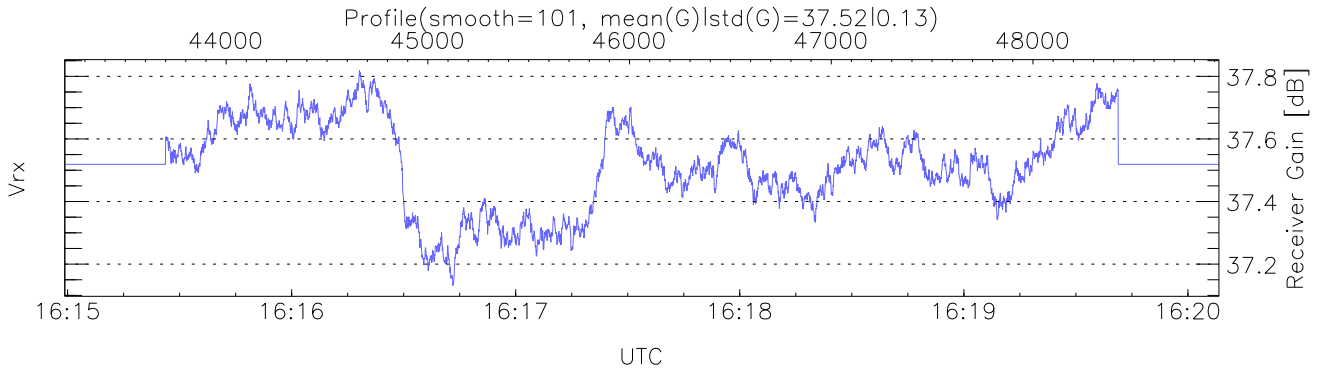
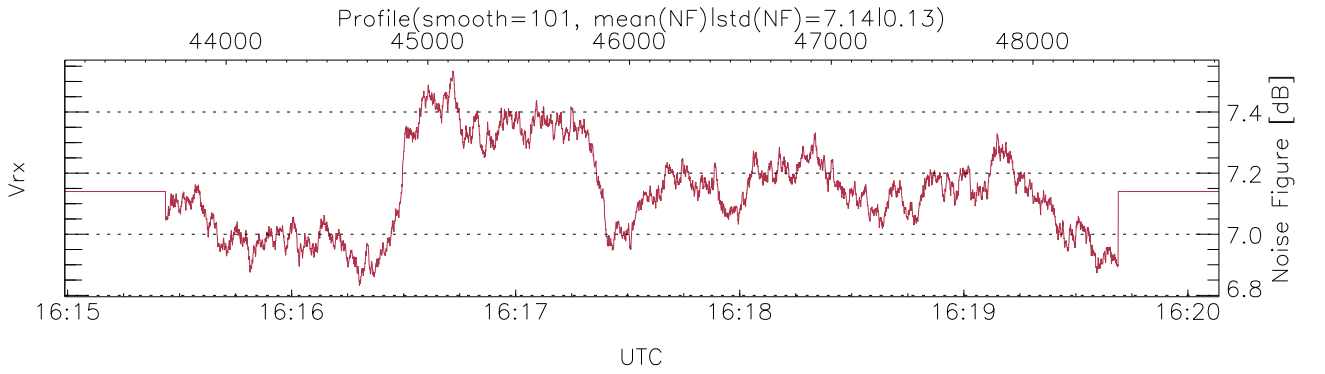
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:36:06-16:20:08, Dur: 2642.45s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19  
 NumRec(r/t): 5723/48923, 43200-48922/16:14:59-16:20:08  
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180  
 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): 105,6037,15.0 m, Gates: 396, Aspect: 3.1  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



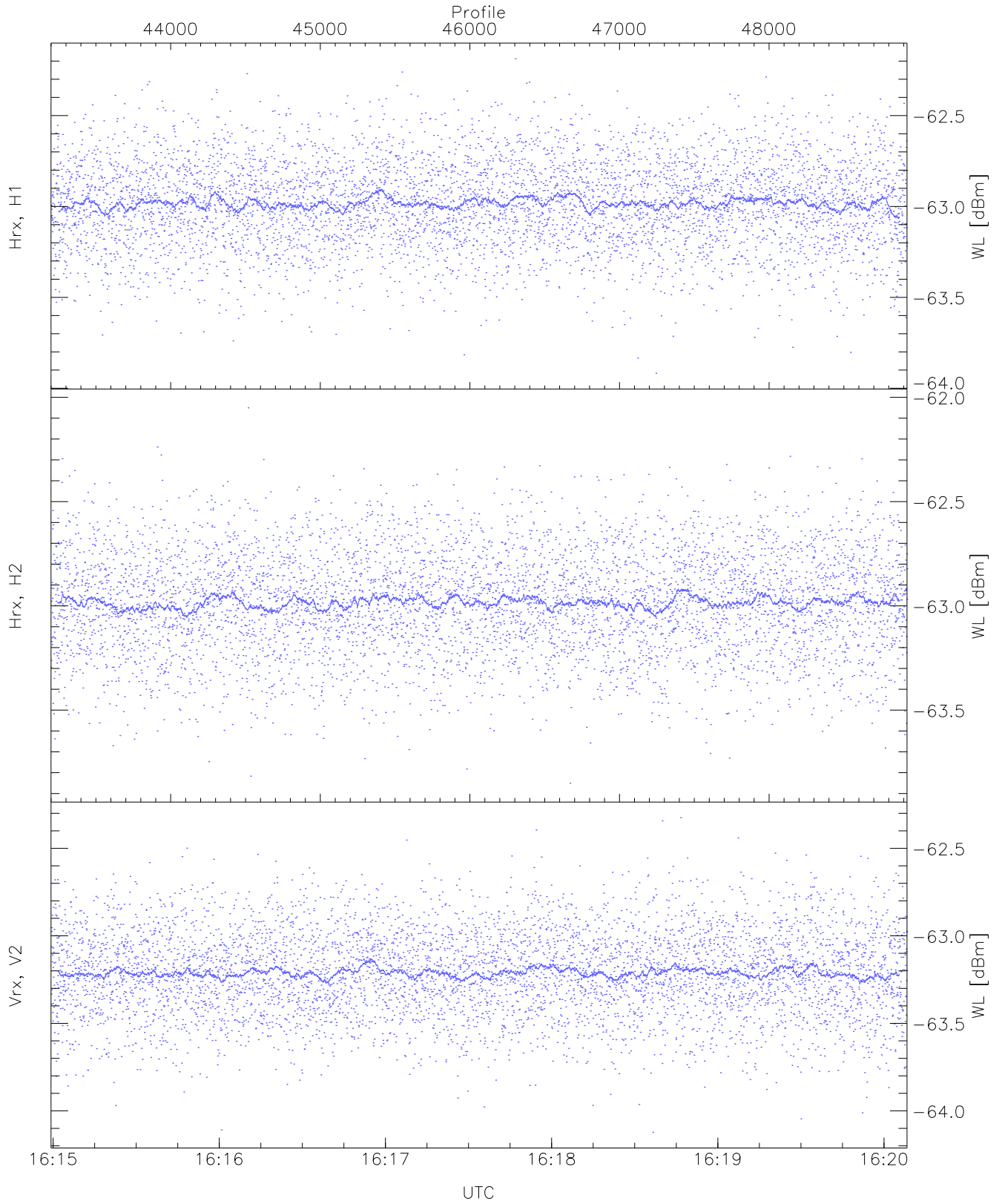
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,29,29,33  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,97,23,31,31,35  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckF,HVPS (5,5)



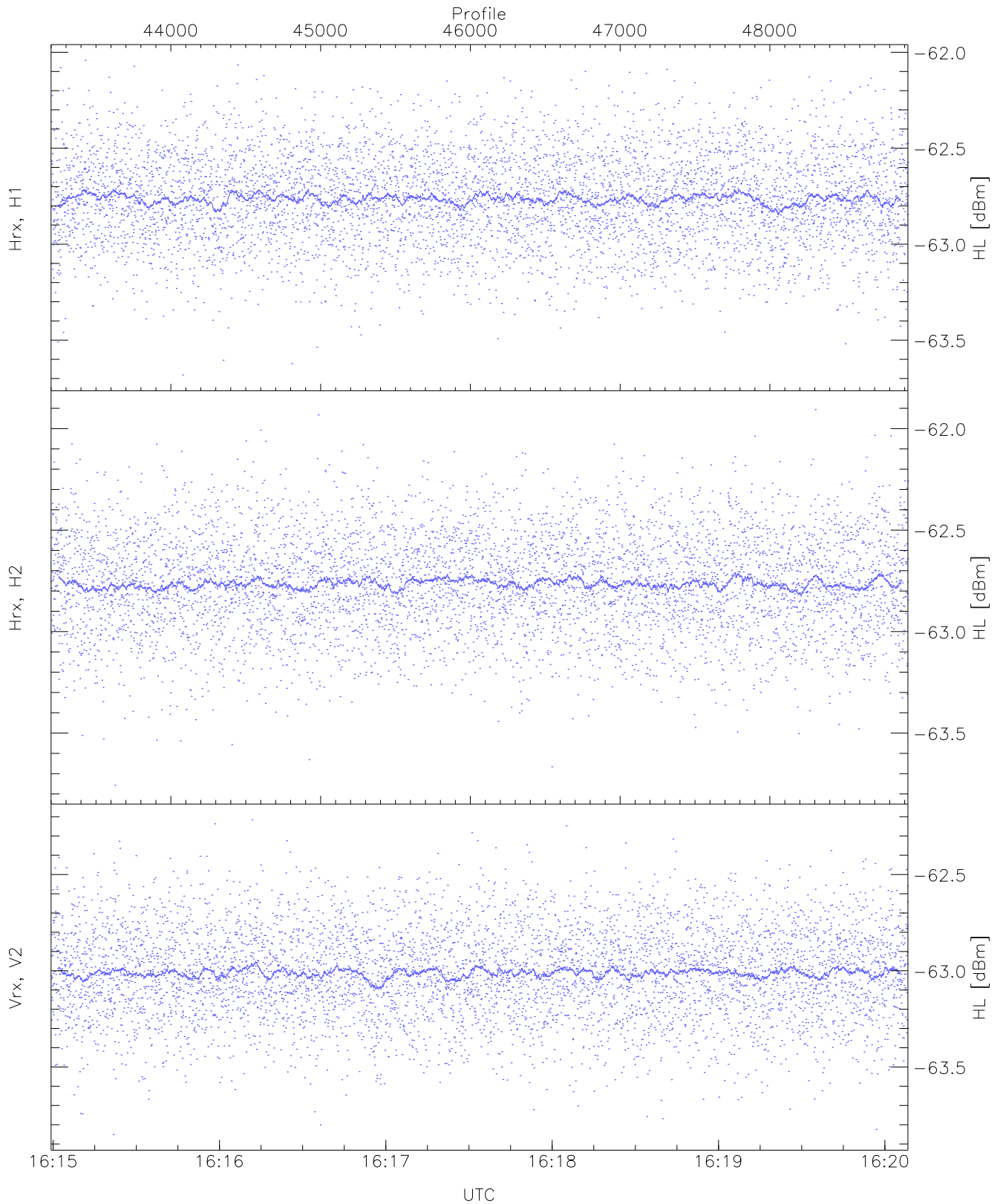
### WCR2 CPP Receivers Gain and Noise Figure

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



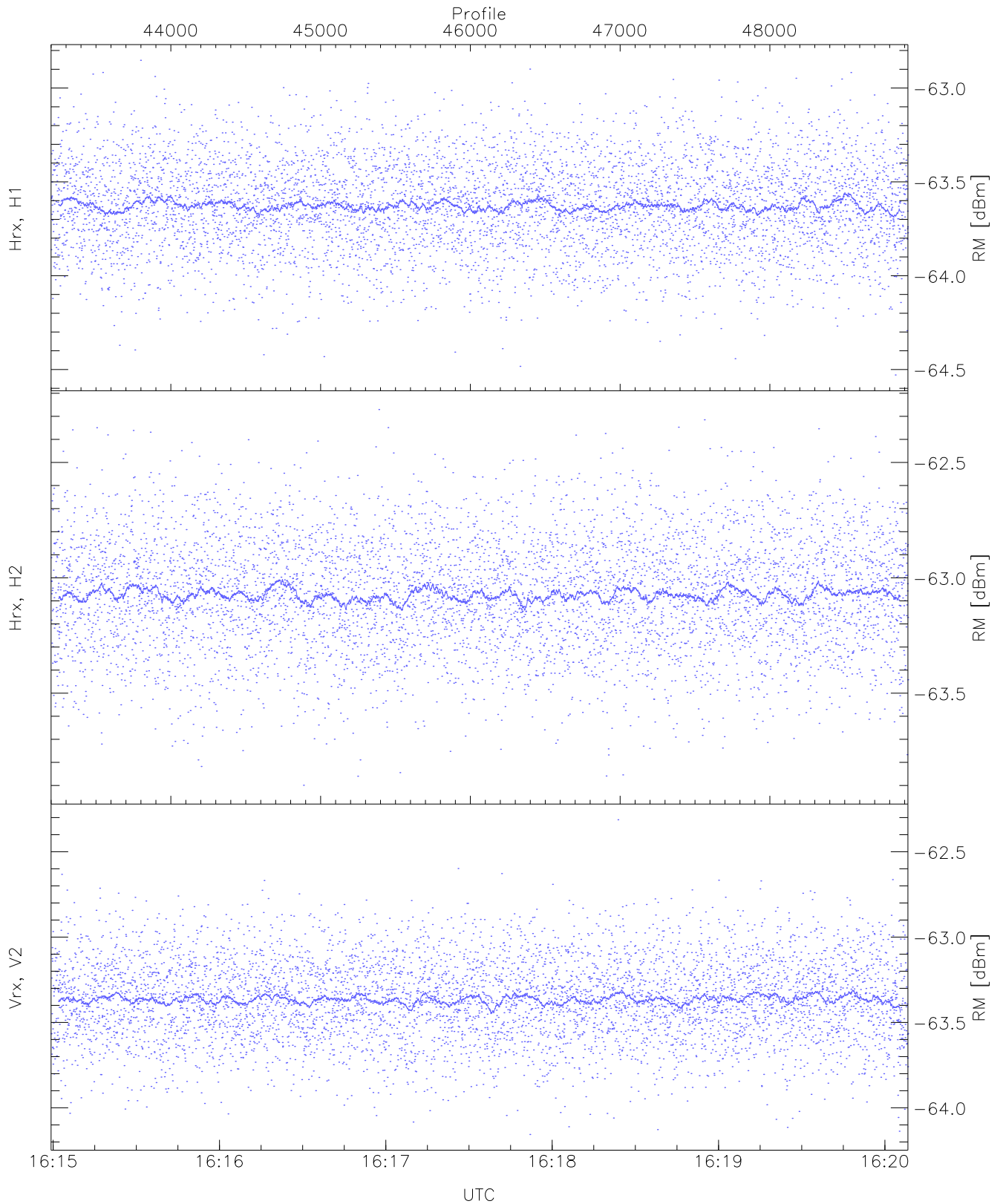
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -63.92 | -62.19 | -62.98 | -62.98 | -75.75 |
| Hrx, H2 (WL [dBm]) | -63.85 | -62.05 | -62.98 | -62.98 | -75.67 |
| Vrx, V2 (WL [dBm]) | -64.12 | -62.33 | -63.21 | -63.21 | -75.87 |



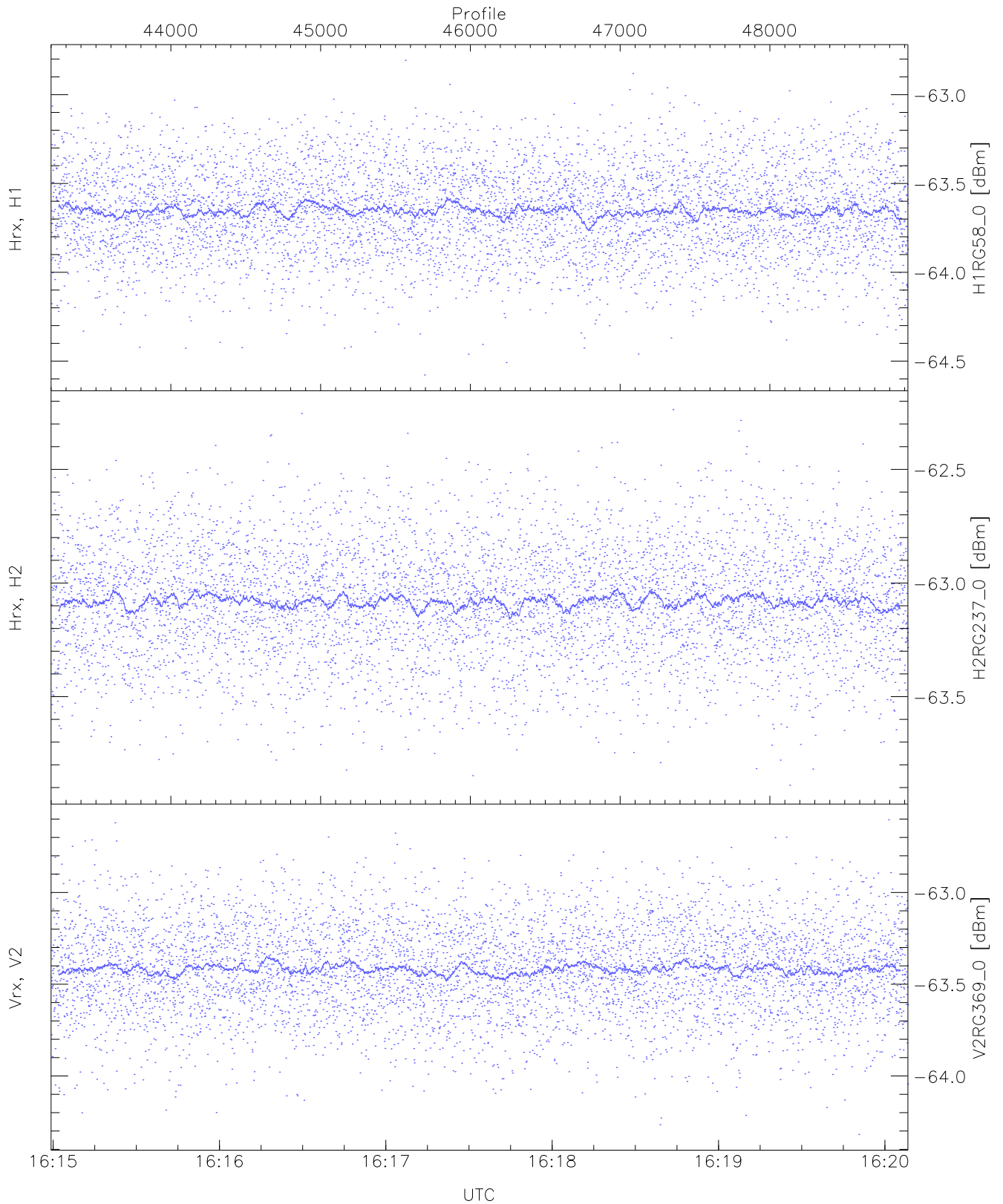
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -63.68 | -62.04 | -62.76 | -62.77 | -75.50 |
| Hrx, H2 (HL [dBm]) | -63.76 | -61.91 | -62.76 | -62.76 | -75.39 |
| Vrx, V2 (HL [dBm]) | -63.85 | -62.22 | -63.01 | -63.01 | -75.78 |



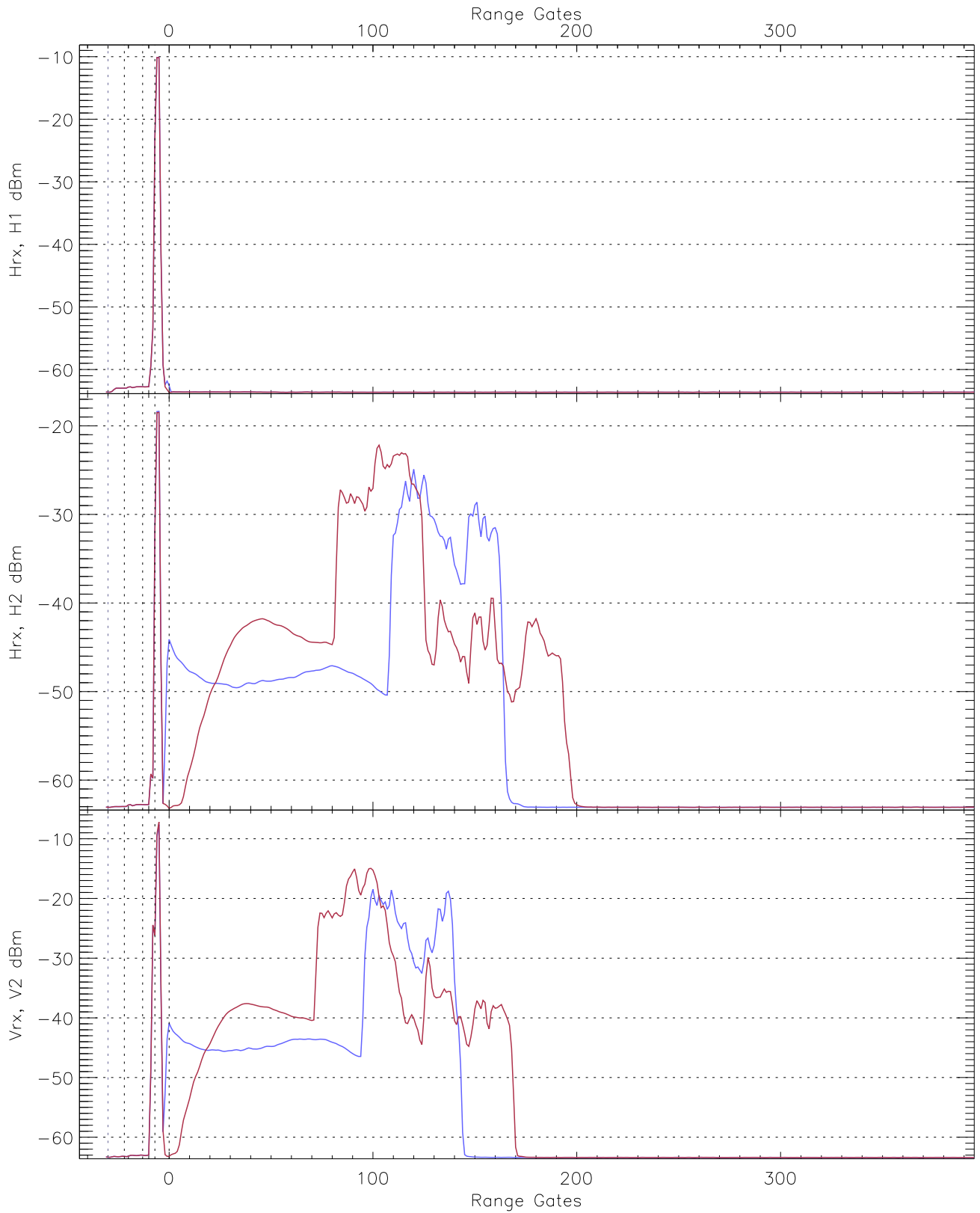
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -64.53 | -62.85 | -63.62 | -63.63 | -76.32 |
| Hrx, H2 (RM [dBm]) | -63.90 | -62.27 | -63.07 | -63.07 | -75.73 |
| Vrx, V2 (RM [dBm]) | -64.16 | -62.31 | -63.36 | -63.37 | -76.07 |



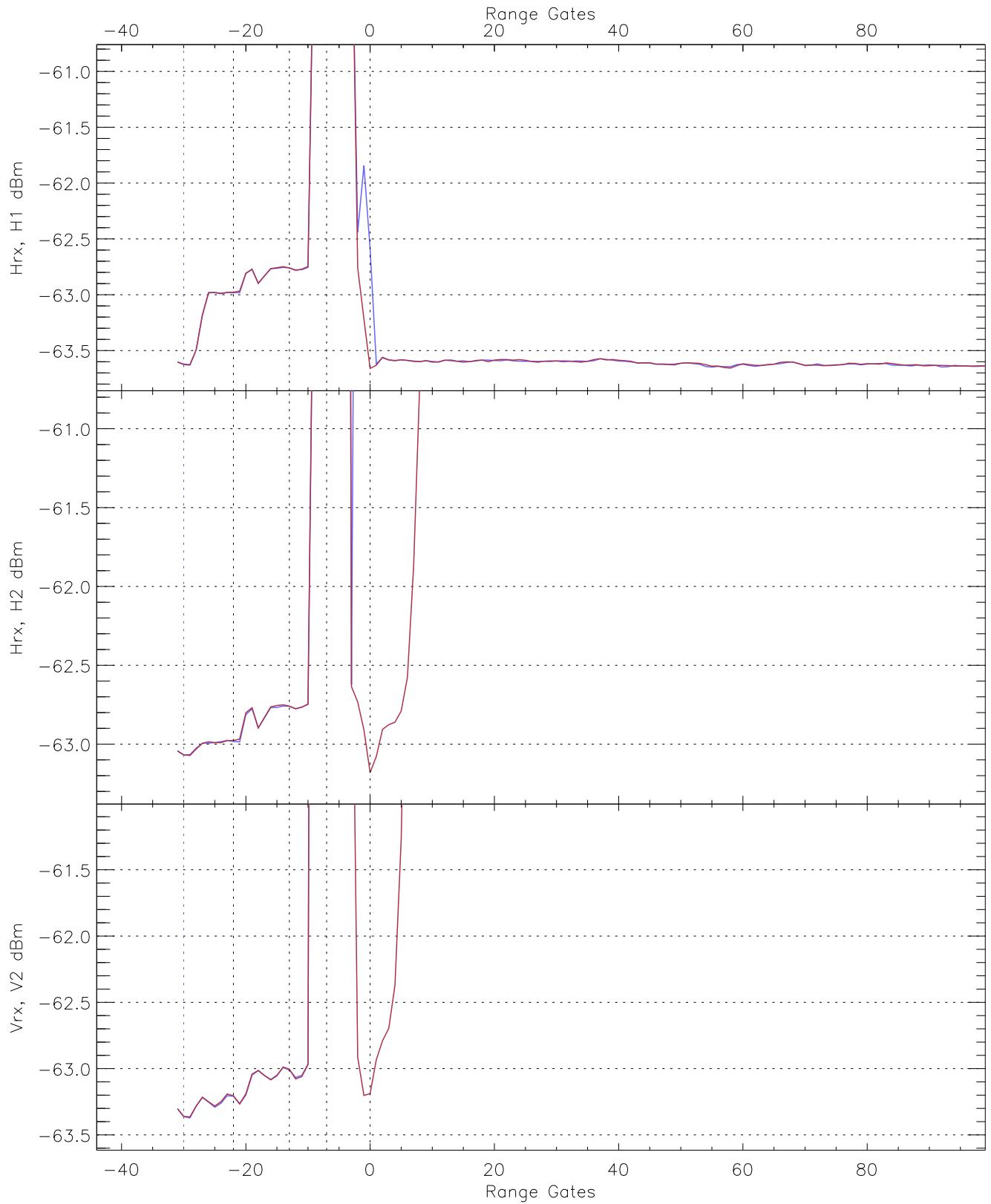
WCR2 CPP "Best" estimate Receivers Noise Power

|                 | Min    | Max    | Mean   | Median | StDev  |
|-----------------|--------|--------|--------|--------|--------|
| H1RG58_0 [dBm]  | -64.58 | -62.81 | -63.65 | -63.65 | -76.27 |
| H2RG237_0 [dBm] | -63.89 | -62.24 | -63.08 | -63.08 | -75.75 |
| V2RG369_0 [dBm] | -64.32 | -62.60 | -63.41 | -63.42 | -76.09 |

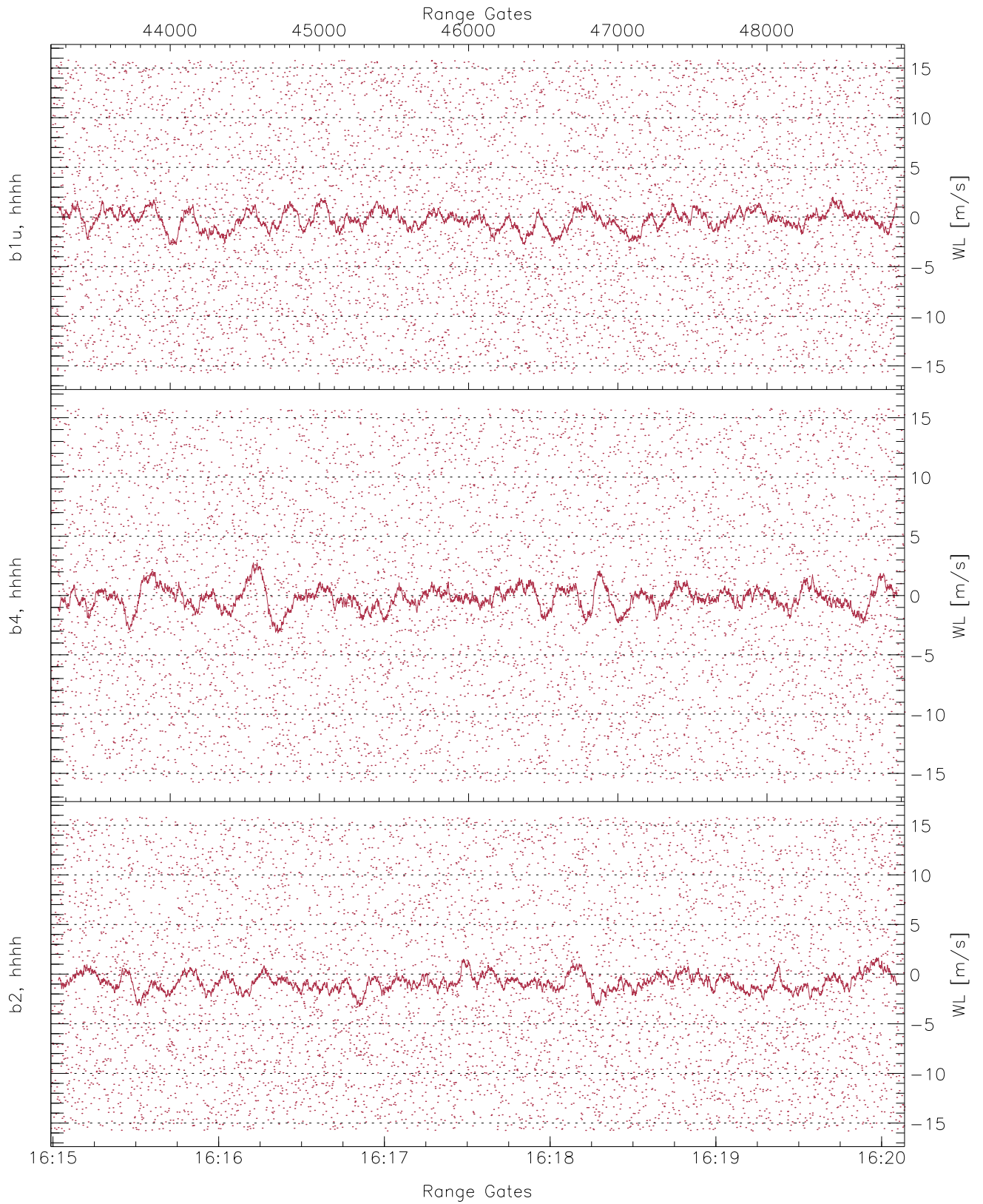


WCR2 CPP Averaged Received power for all recorded gates  
blue: 161459-161734, 2862 profiles averaged  
red: 161734-162008, 2862 profiles averaged

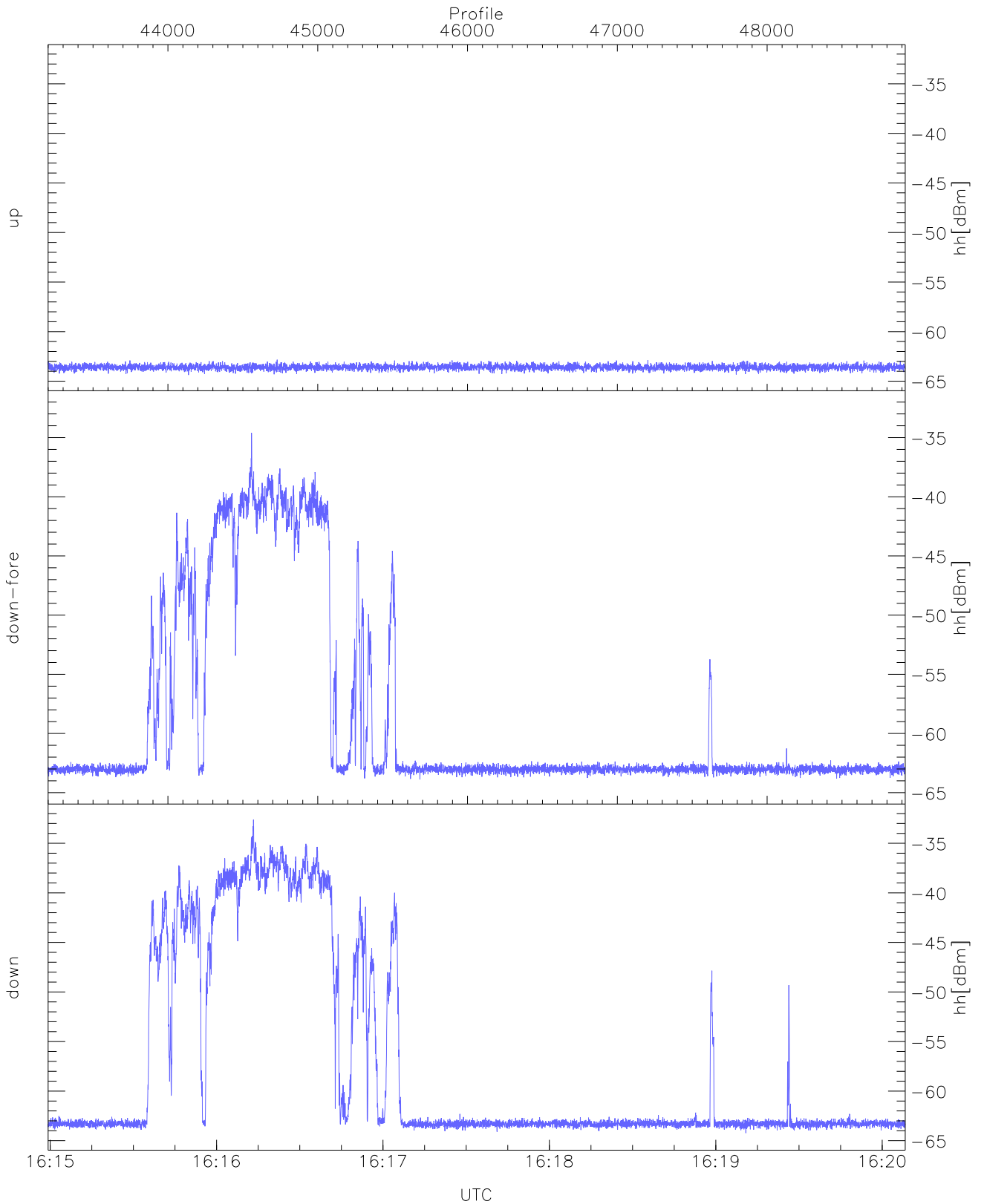




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 161459-161734, 2862 profiles averaged  
red: 161734-162008, 2862 profiles averaged

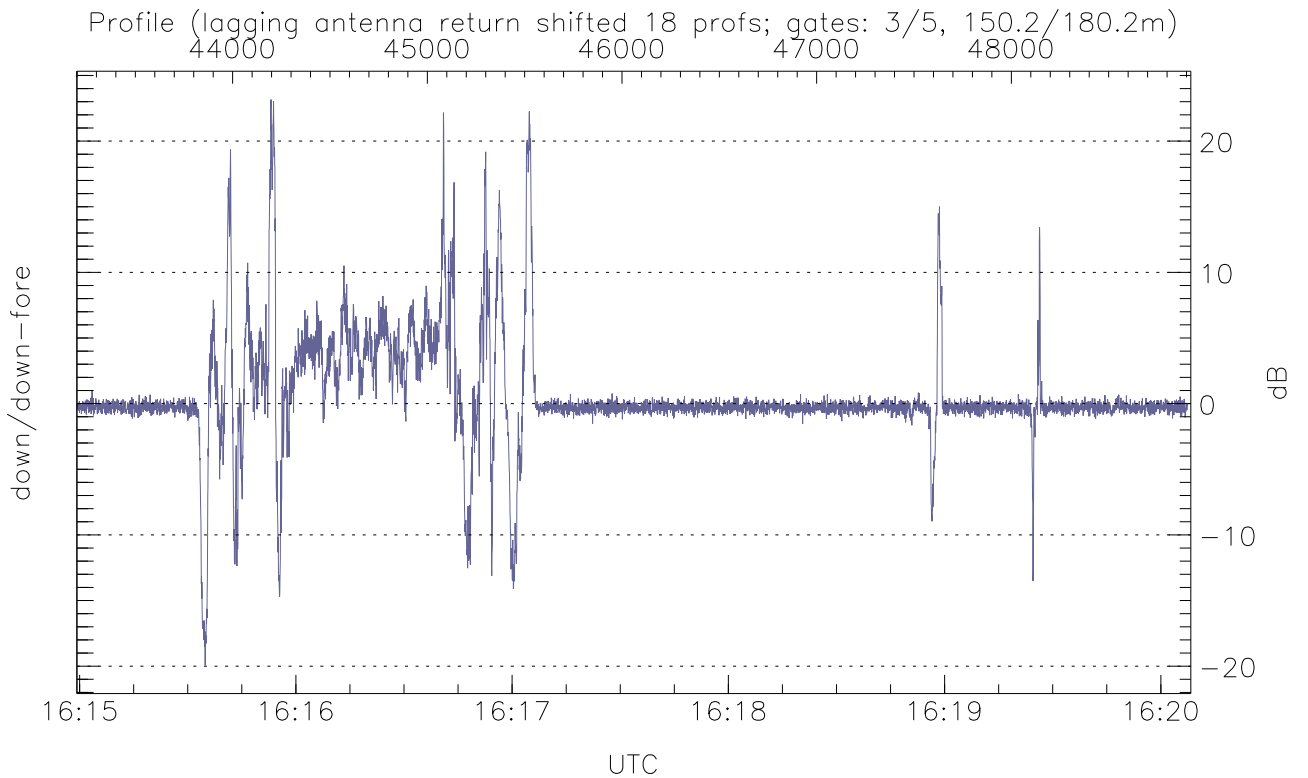
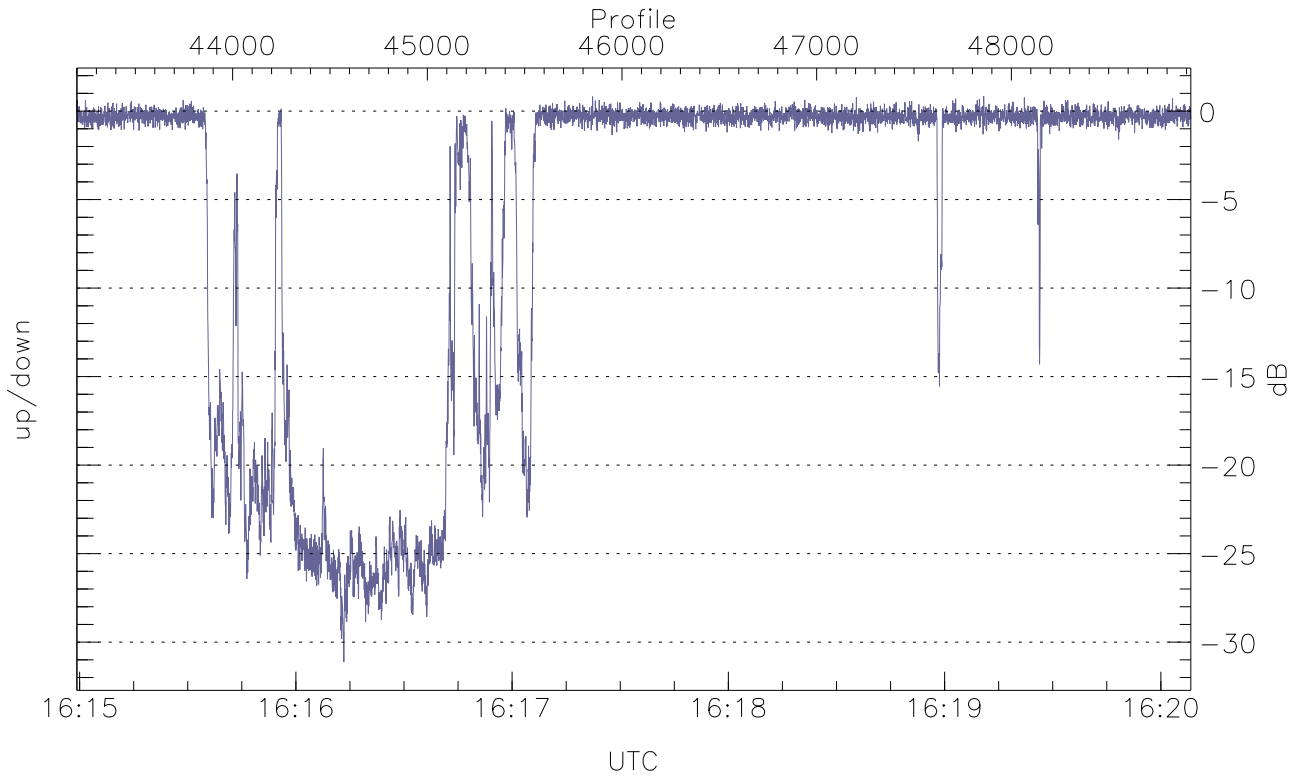


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



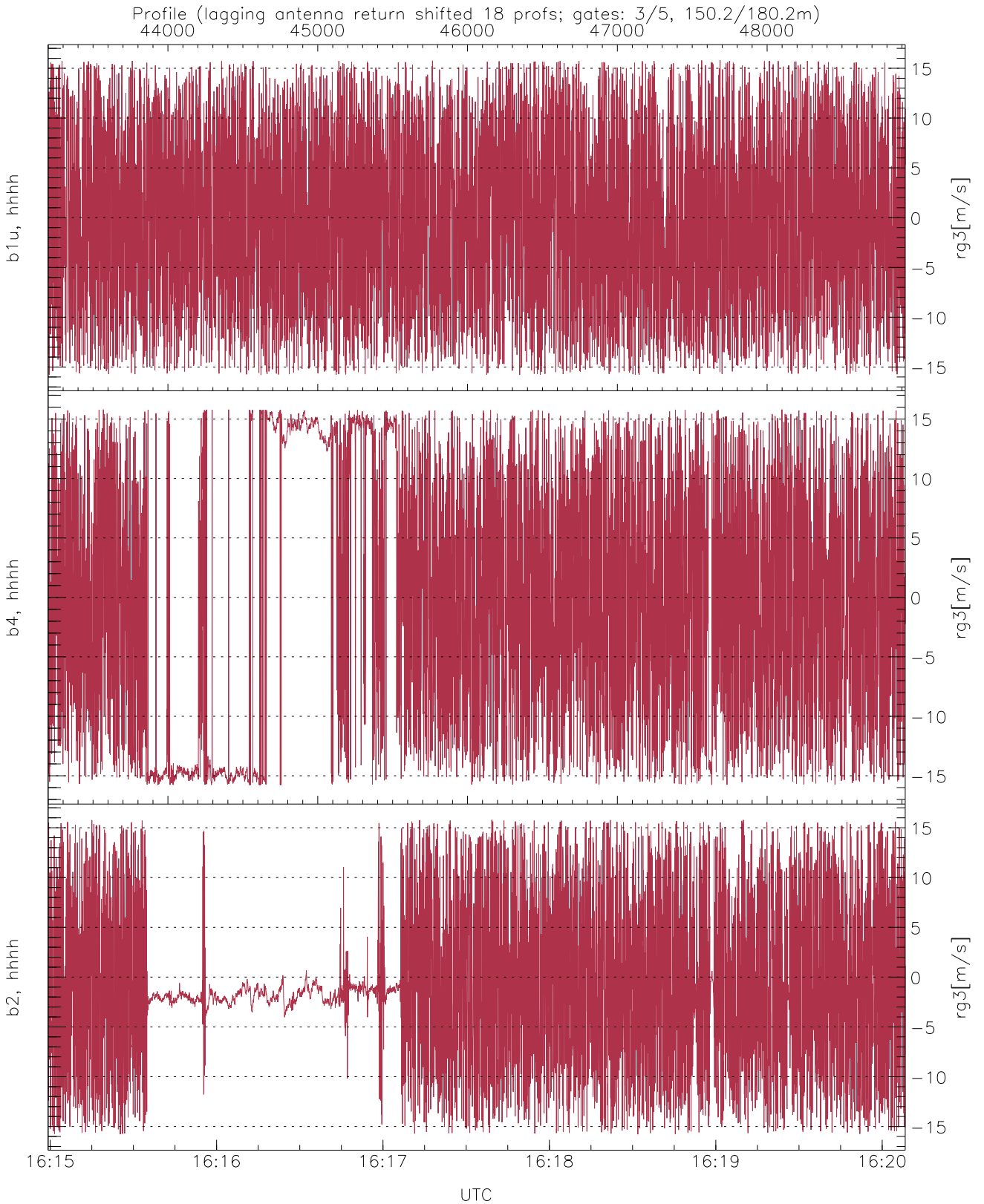
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

|                    | Min    | Max    | Mean   |
|--------------------|--------|--------|--------|
| up(hh[dBm])        | -64.37 | -62.83 | -63.58 |
| down-fore(hh[dBm]) | -63.88 | -34.61 | -48.80 |
| down(hh[dBm])      | -64.23 | -32.63 | -45.60 |



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

|                     | Min    | Max   | Mean  |
|---------------------|--------|-------|-------|
| up/down (dB)        | -31.13 | 0.83  | -6.00 |
| down/down-fore (dB) | -19.93 | 23.17 | 0.65  |



WCR2 CPP Doppler Velocity Products at 150.2 m range

|                     | Min    | Max   | Mean  | StDev |
|---------------------|--------|-------|-------|-------|
| b1u, hhhh(rg3[m/s]) | -15.80 | 15.79 | -0.37 | 9.05  |
| b4, hhhh(rg3[m/s])  | -15.80 | 15.80 | -0.29 | 10.82 |
| b2, hhhh(rg3[m/s])  | -15.79 | 15.79 | -1.05 | 7.50  |