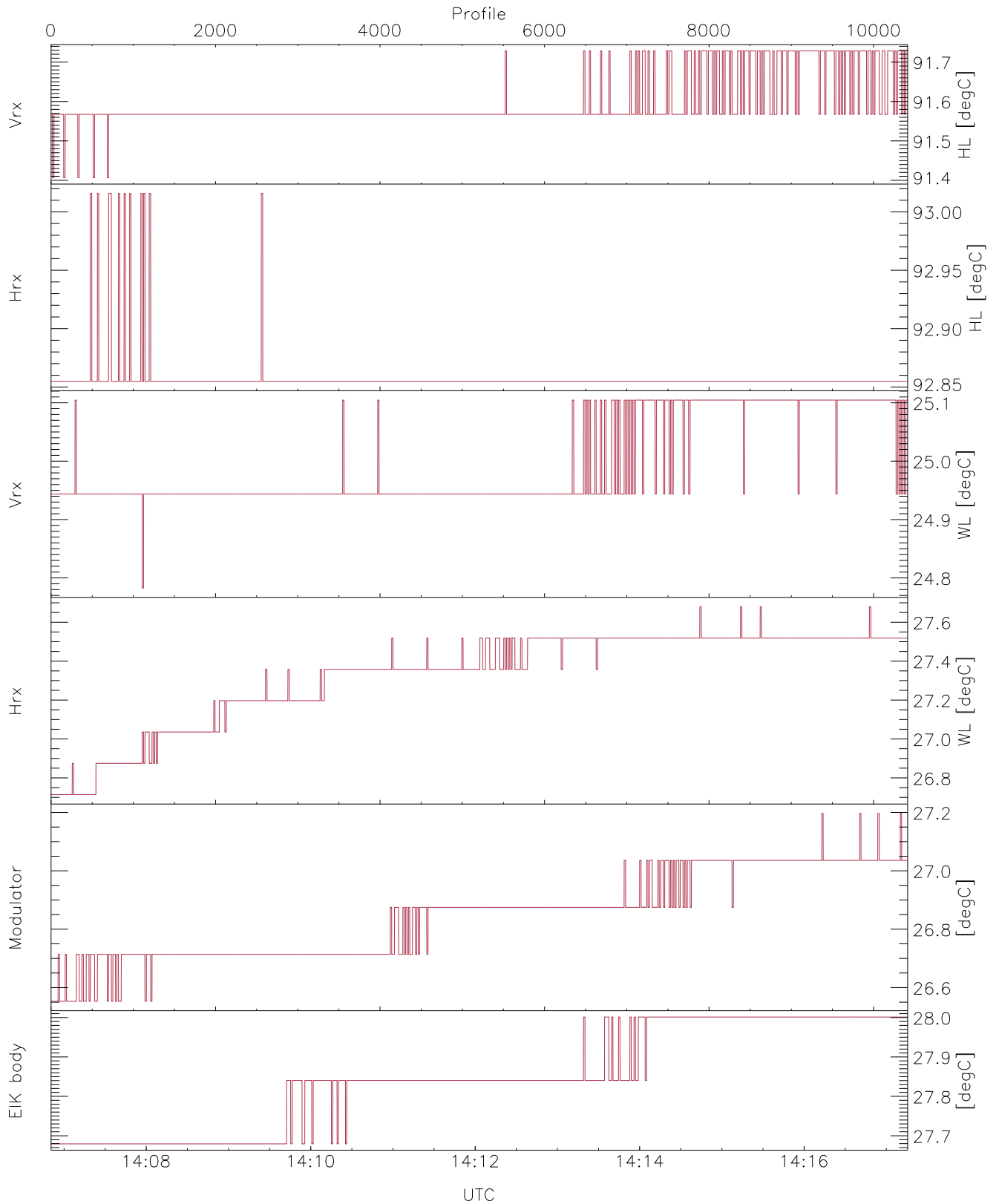


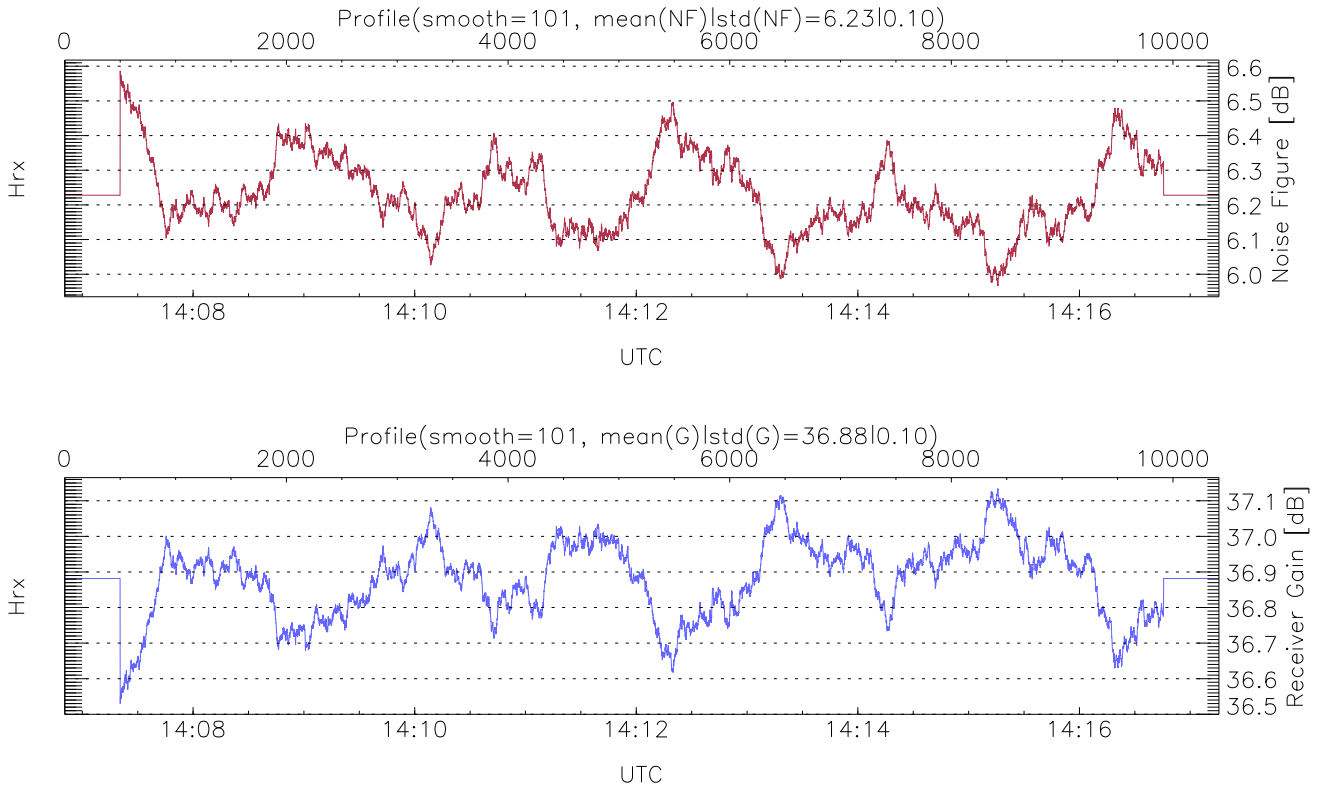
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:06:51-14:17:16, TimeCor: 0.00s, Dur: 625.06s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 60.0,60.0,60.0,0.0 ms / 16.7,16.7,16.7  
 NumRec(r/t): 10416/10416, 0-10415/14:06:51-14:17:16  
 AcqTime: 60.0ms, Rate: 0.123MB/s, Averages (req.,actual): 400,400  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1  
 PRF: 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 2.8  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



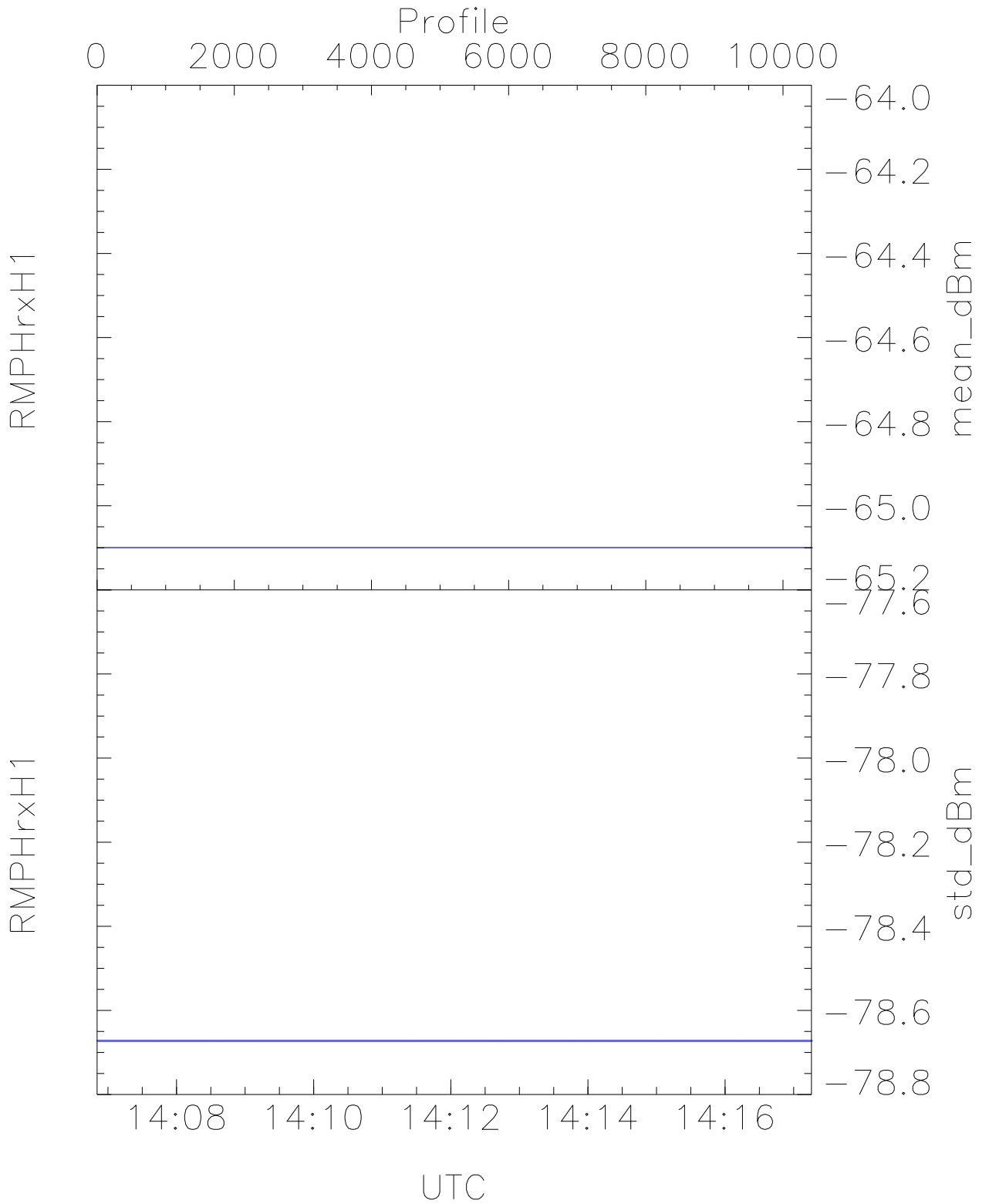
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,26,26,27  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,27,27,28  
 LOalarm(20,240,2817,14861 MHz): 0,0,18,0  
 EIK Faults(# prof affected):  
 BodyCurr,DeckF,OverDuty,HVPS (16,16,16,16)



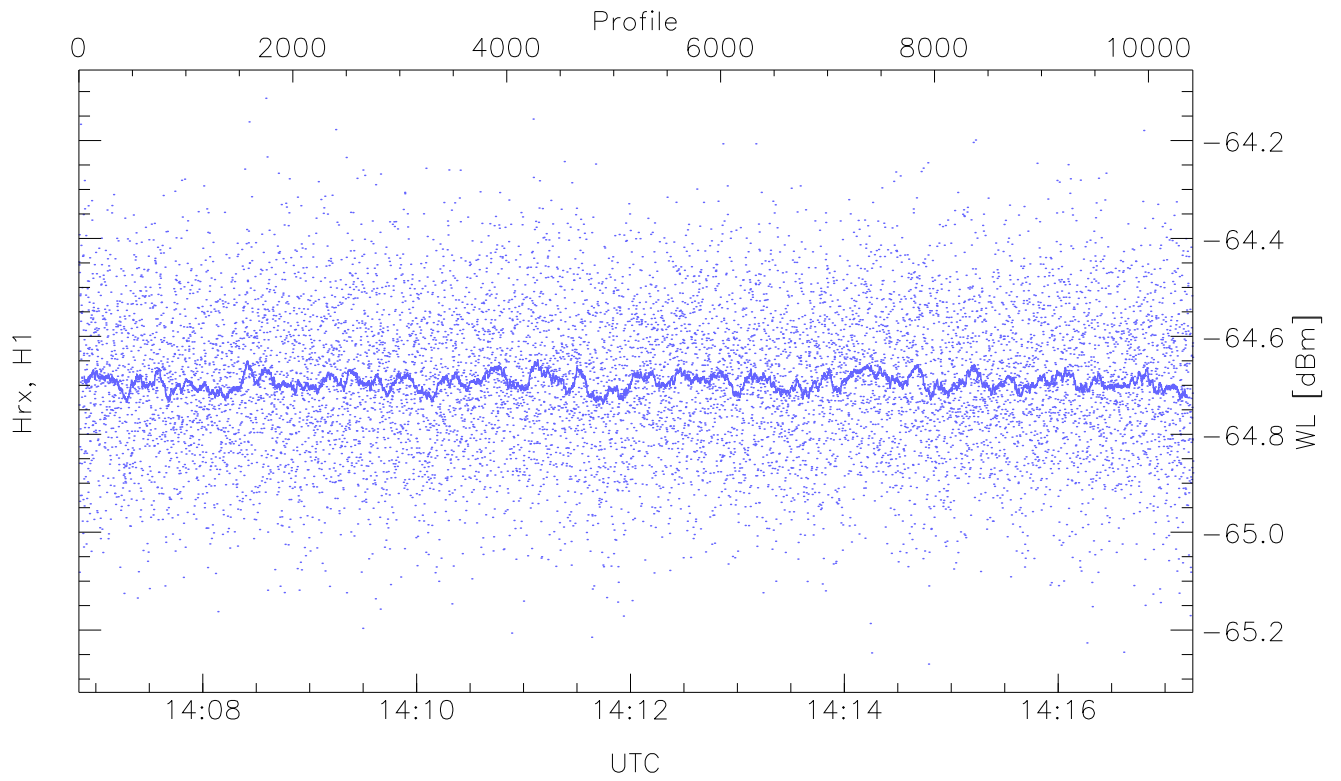
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



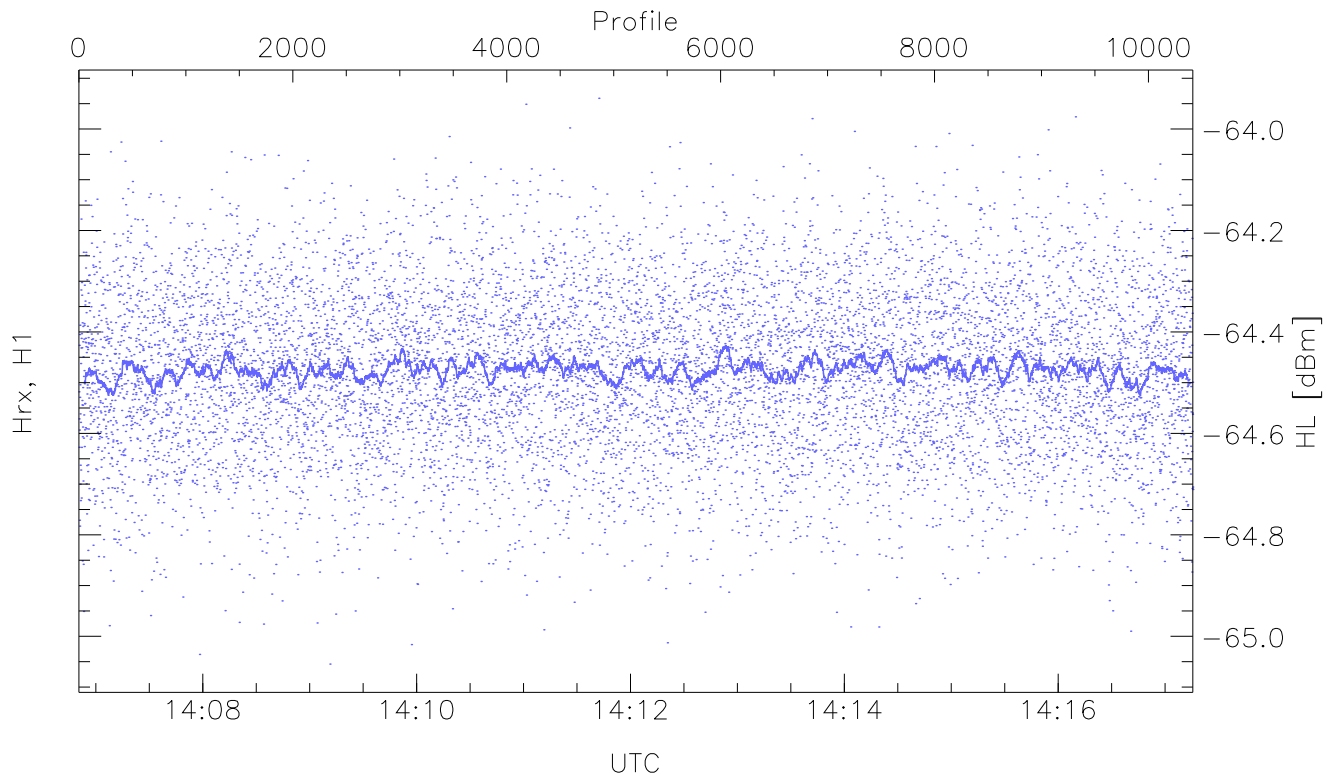
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

|                    | Min    | Max    | Mean   | Median | StDev   |
|--------------------|--------|--------|--------|--------|---------|
| RMPHrxH1(mean_dBm) | -65.10 | -65.10 | -65.10 | -65.10 | -NaN    |
| RMPHrxH1(std_dBm)  | -78.67 | -78.67 | -78.67 | -78.67 | -142.82 |



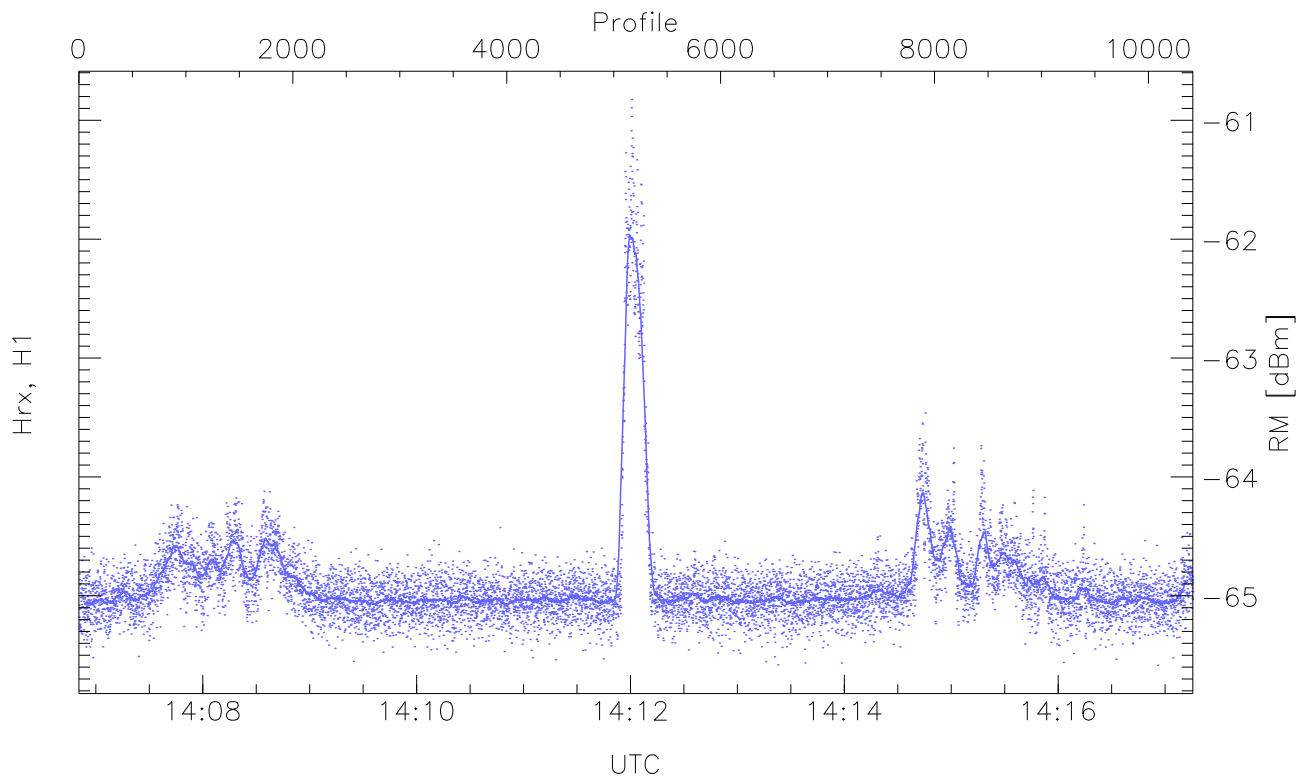
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

|                   | Min    | Max    | Mean   | Median | StDev  |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(WL [dBm]) | -65.27 | -64.11 | -64.69 | -64.70 | -79.18 |



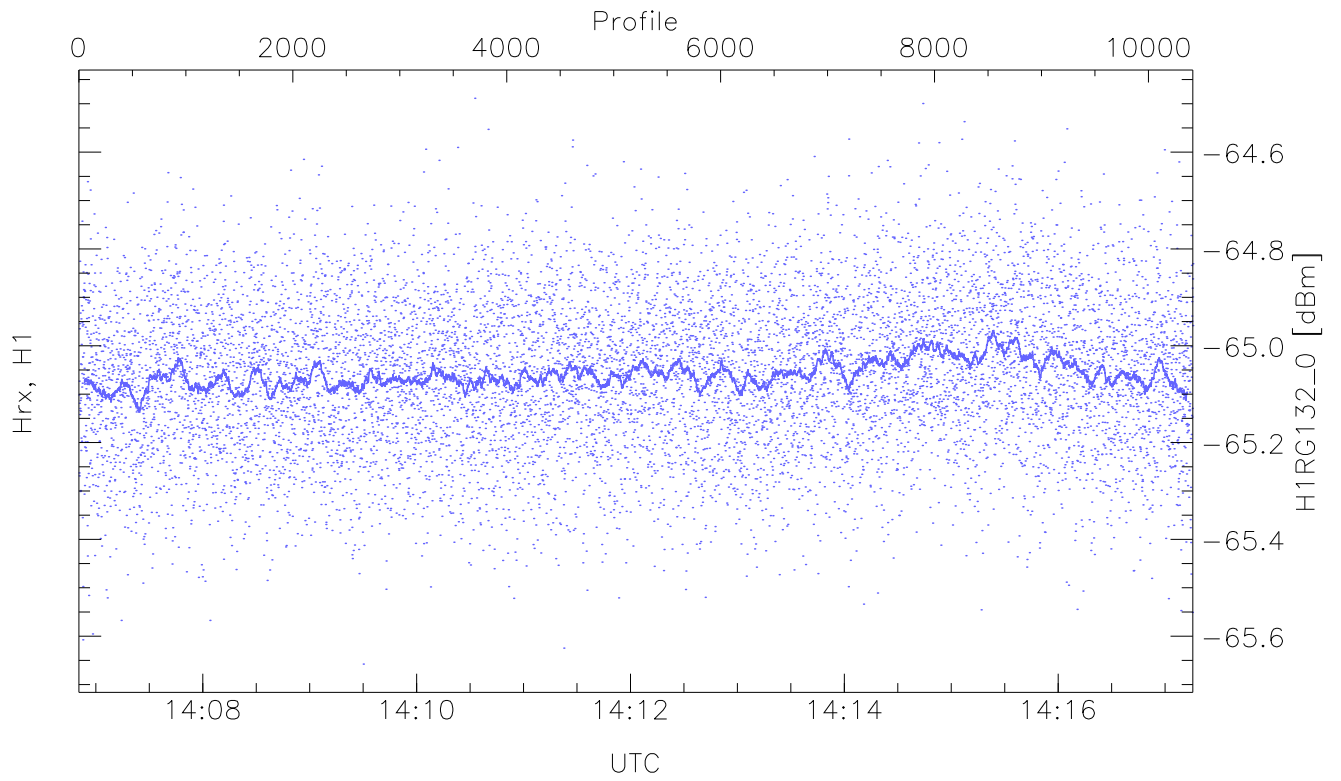
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

|                   | Min    | Max    | Mean   | Median | StDev  |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(HL [dBm]) | -65.05 | -63.94 | -64.47 | -64.47 | -78.95 |



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

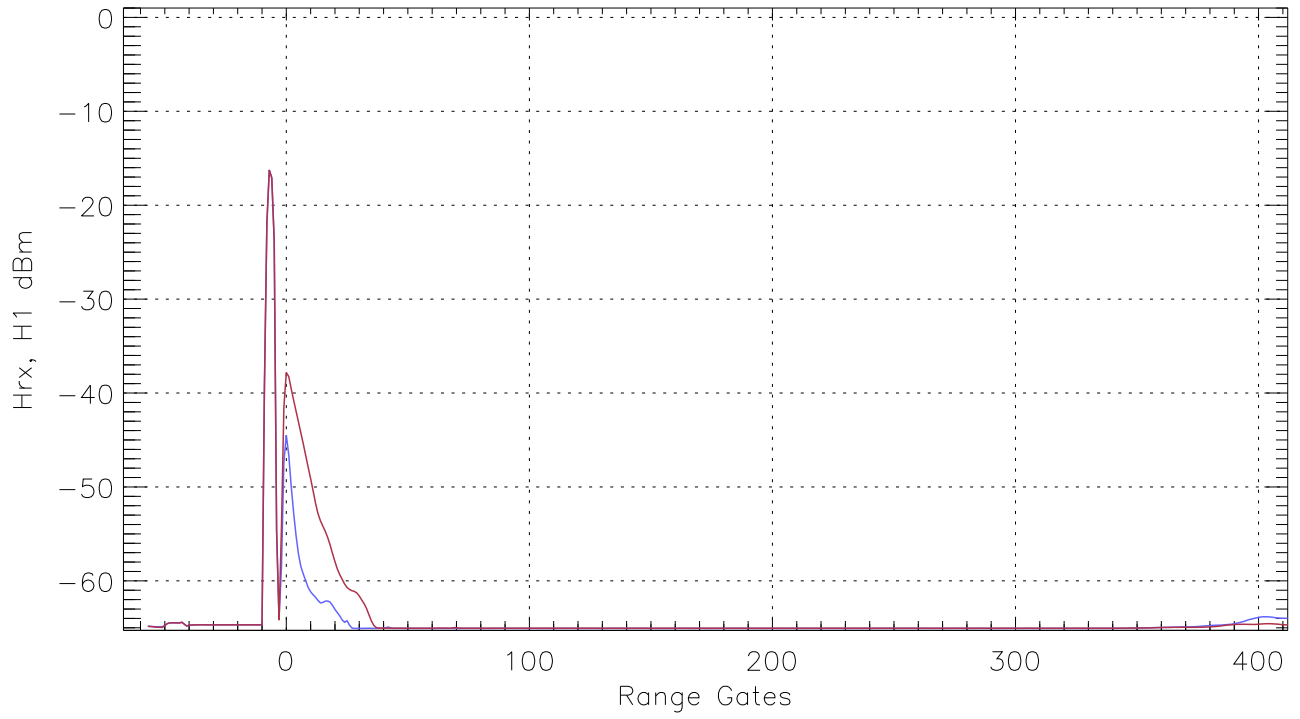
| Hrx, H1(RM [dBm]) | Min    | Max    | Mean   | Median | StDev  |
|-------------------|--------|--------|--------|--------|--------|
|                   | -65.58 | -60.83 | -64.86 | -64.97 | -73.56 |



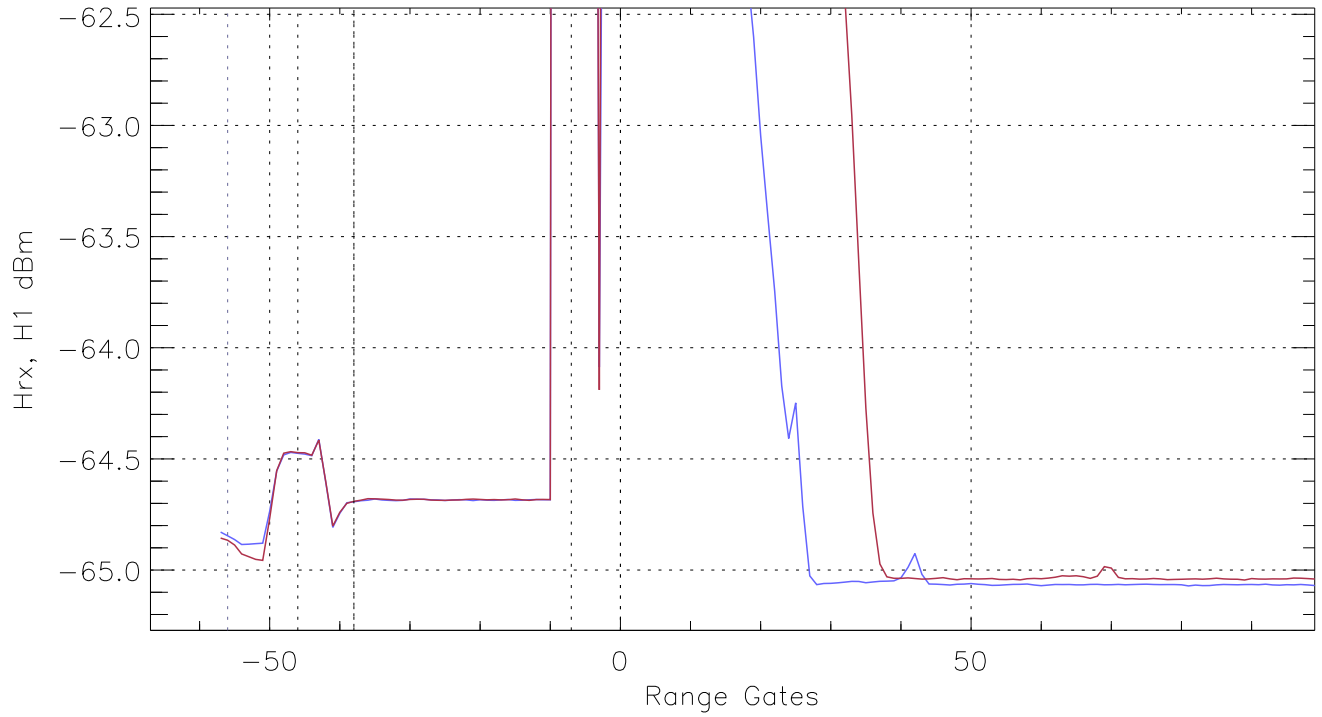
WCR3 CPP "Best" estimate Receivers Noise Power

|                 | Min    | Max    | Mean   | Median | StDev  |
|-----------------|--------|--------|--------|--------|--------|
| H1RG132_0 [dBm] | -65.66 | -64.49 | -65.06 | -65.06 | -79.57 |

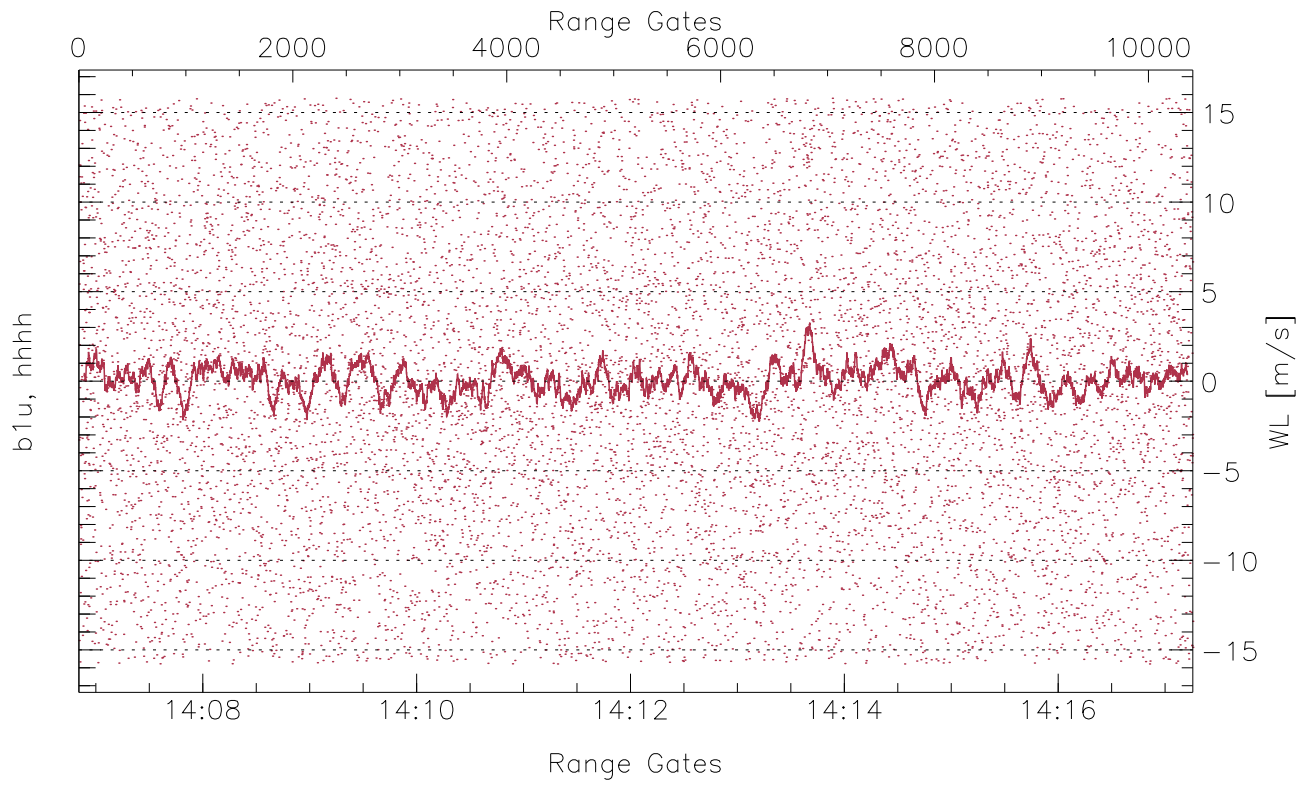




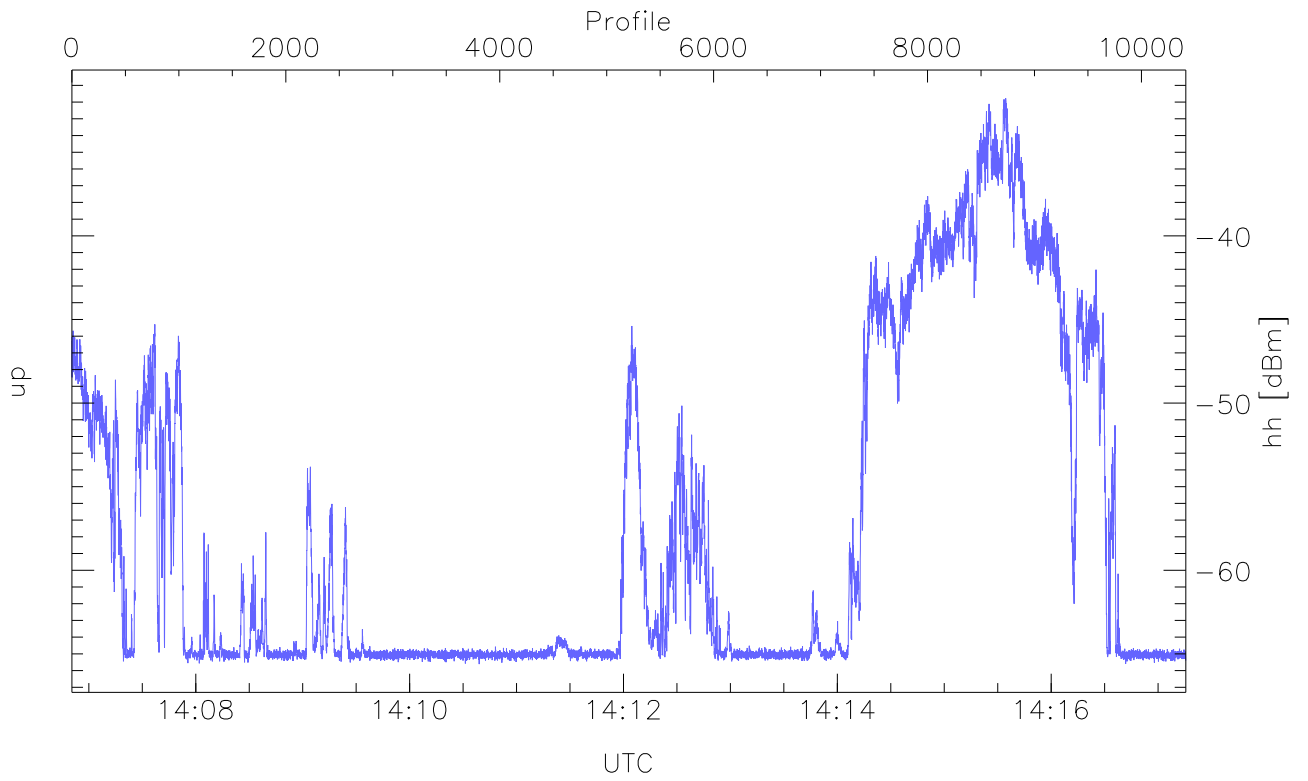
WCR3 CPP Averaged Received power for all recorded gates  
blue: 140651-141203, 5209 profiles averaged  
red: 141203-141716, 5208 profiles averaged



WCR3 CPP Averaged Power for neg. gates & up to 100 gates  
blue: 140651-141203, 5209 profiles averaged  
red: 141203-141716, 5208 profiles averaged

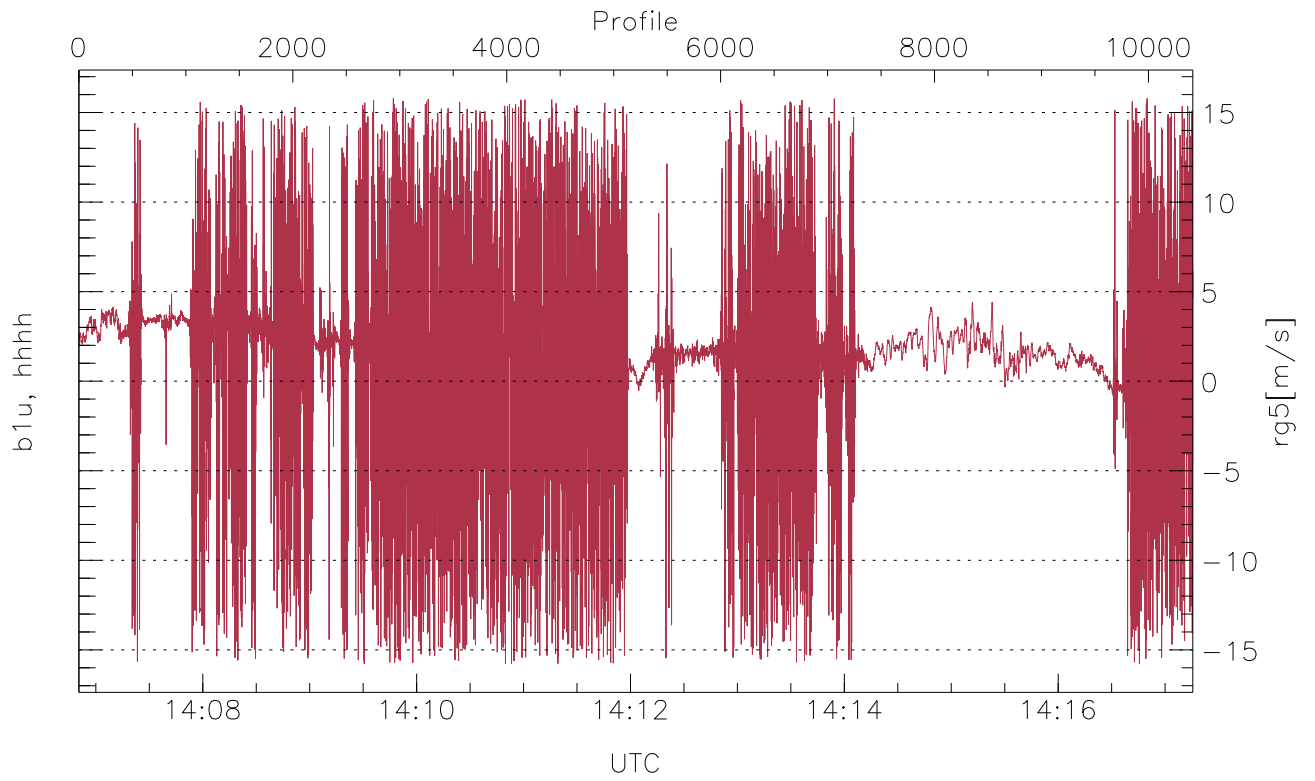


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

|              | Min    | Max    | Mean   |
|--------------|--------|--------|--------|
| up(hh [dBm]) | -65.61 | -31.77 | -45.92 |



WCR3 CPP Doppler Velocity Products at 180.4 m range

|                     | Min    | Max   | Mean | StDev |
|---------------------|--------|-------|------|-------|
| b1u, hhhh(rg5[m/s]) | -15.78 | 15.79 | 1.04 | 5.66  |