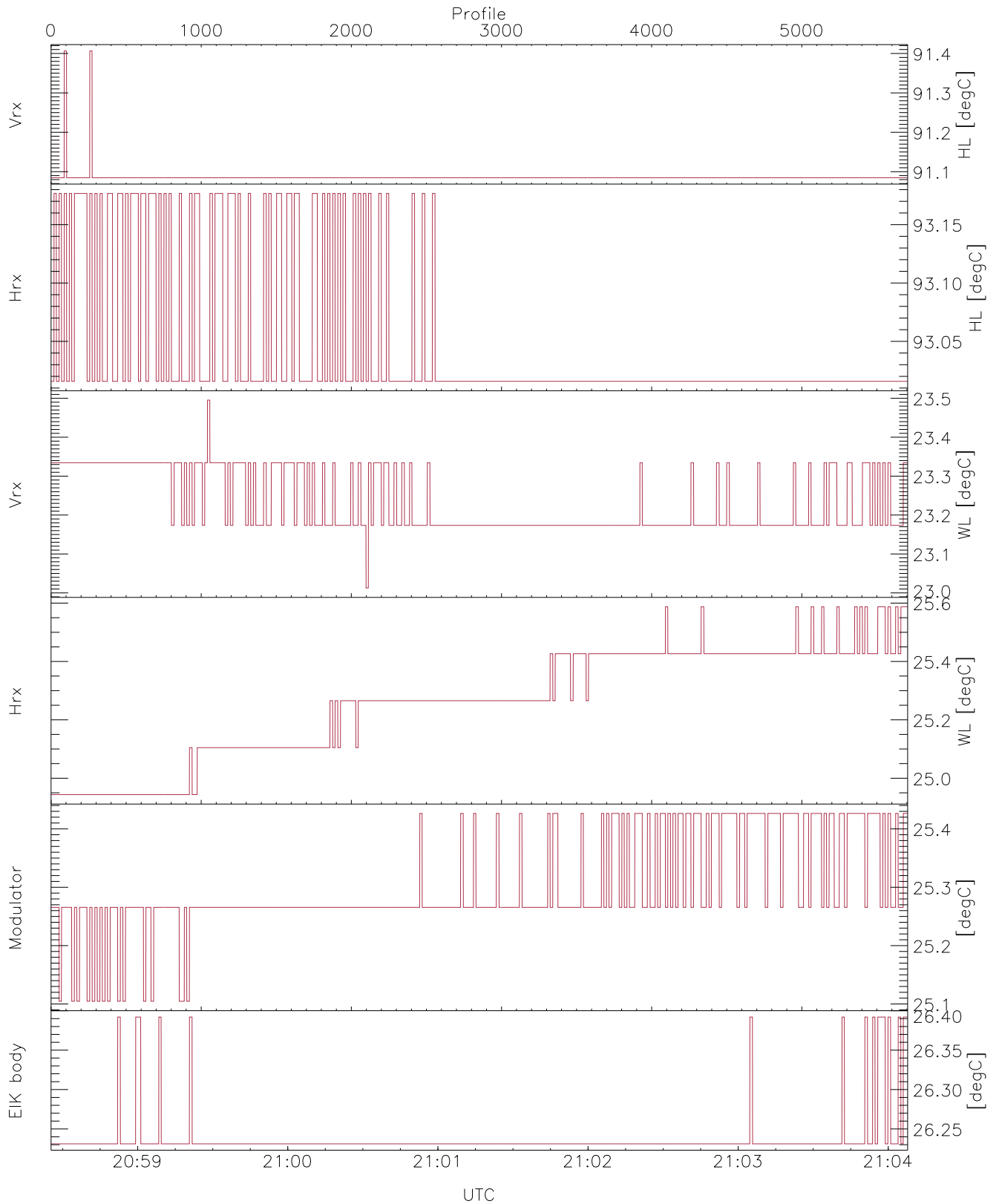


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

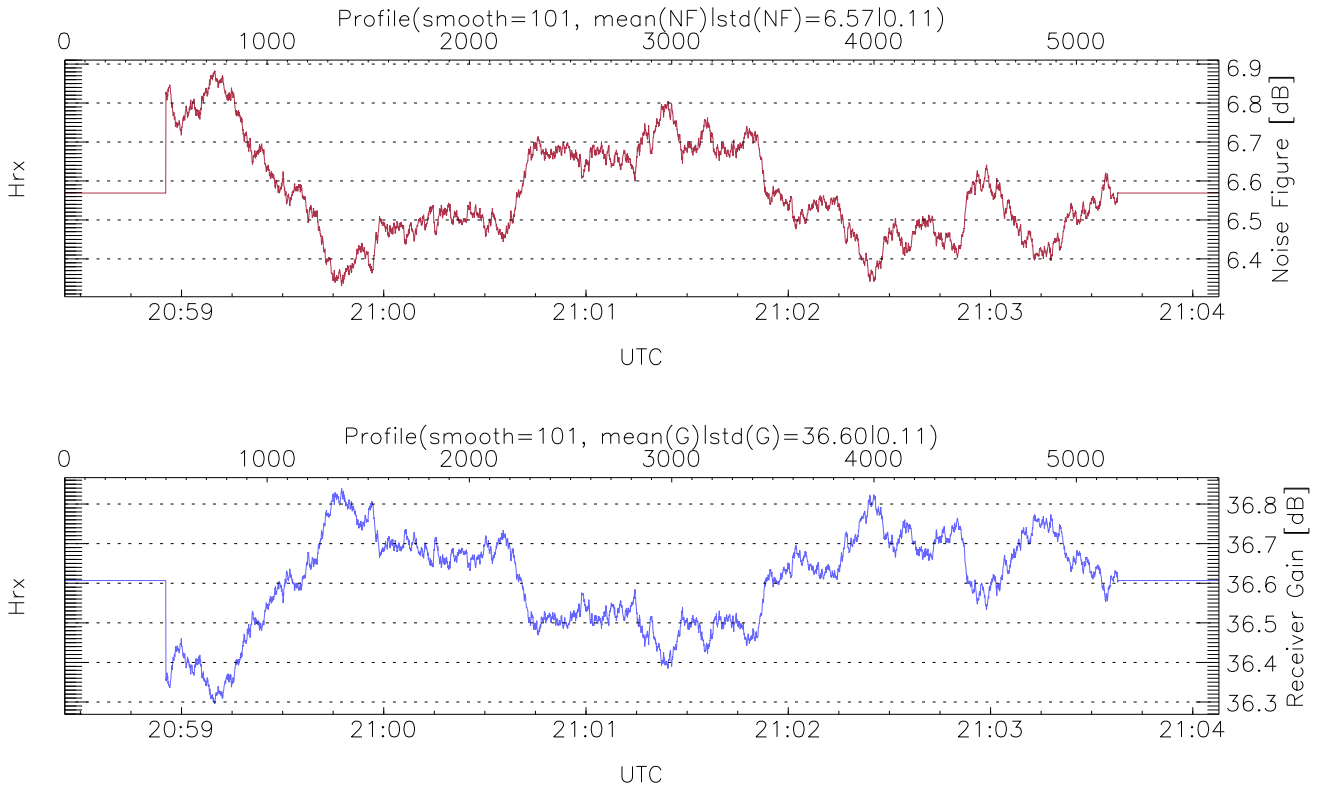
UTC: 20:58:25-21:04:08, TimeCor: 0.00s, Dur: 342.39s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 60.0,60.0,60.0,0.0 ms / 16.7,16.7,16.7
 NumRec(r/t): 5706/5706, 0-5705/20:58:25-21:04:08
 AcqTime: 60.0ms, Rate: 0.123MB/s, Averages (req.,actual): 400,400
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1
 PRF: 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 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

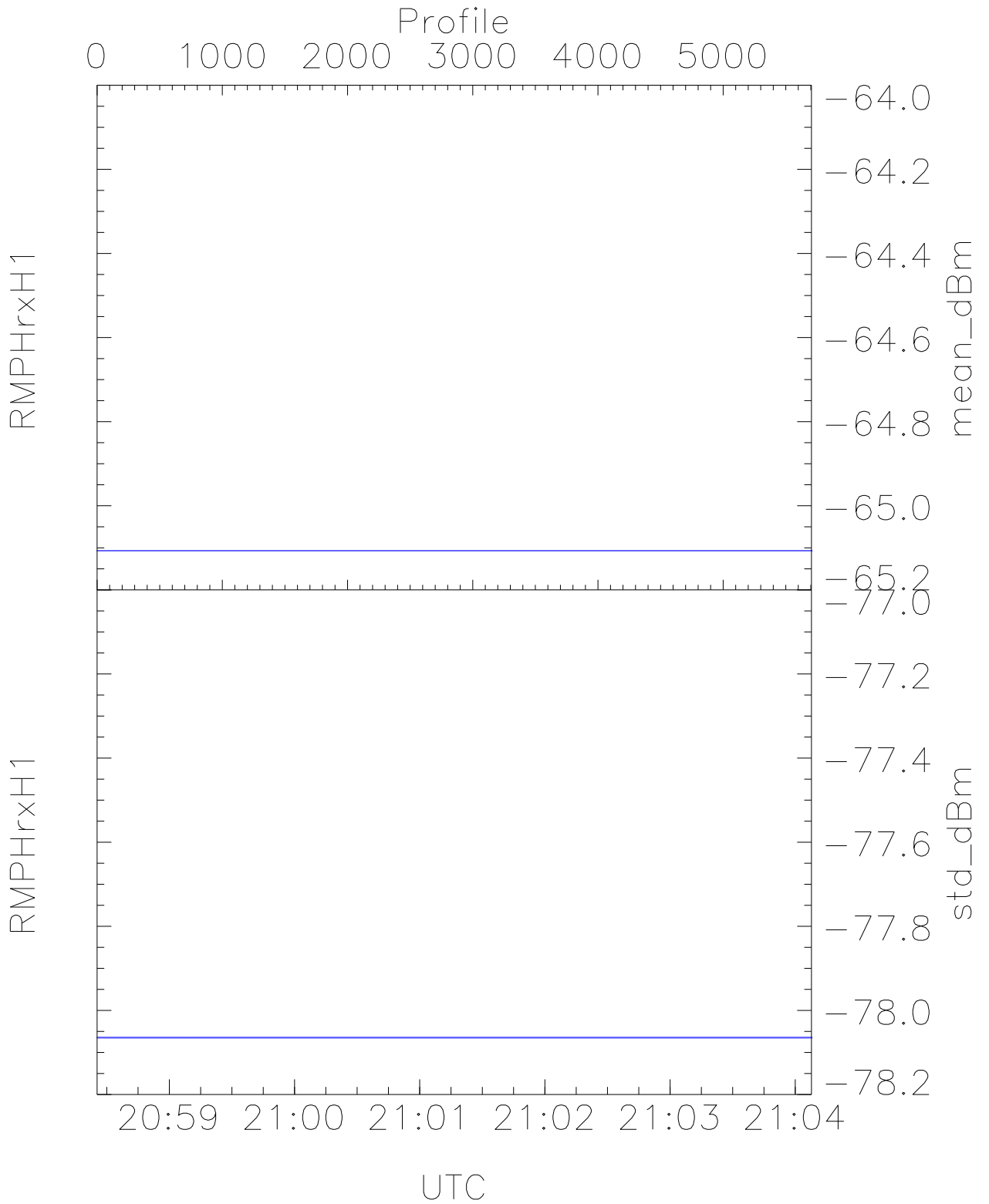
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,24,25,26
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,25,25,26
 LOalarm(20,240,2817,14861 MHz): None

EIK Faults(# prof affected):
 DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (16,16,16,16,16,16)



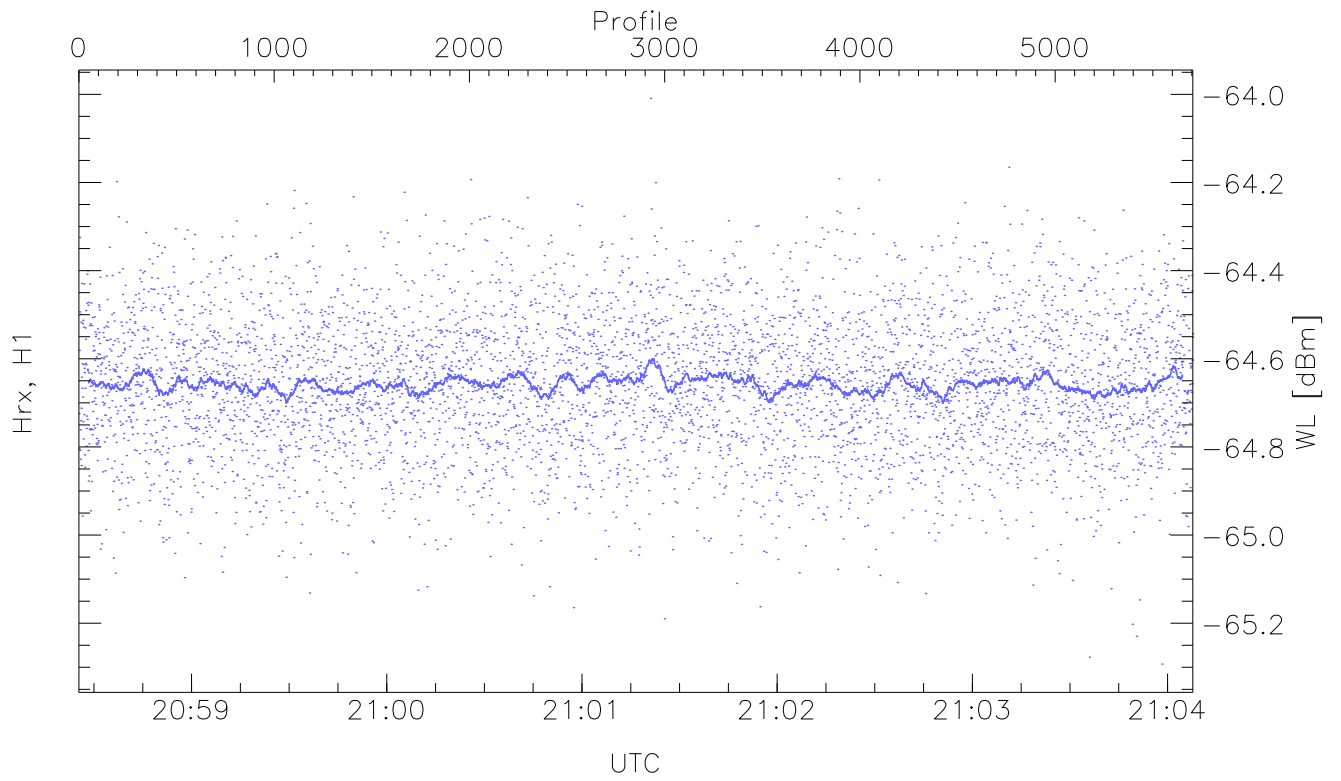
WCR3 CPP Receivers Gain and Noise Figure

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



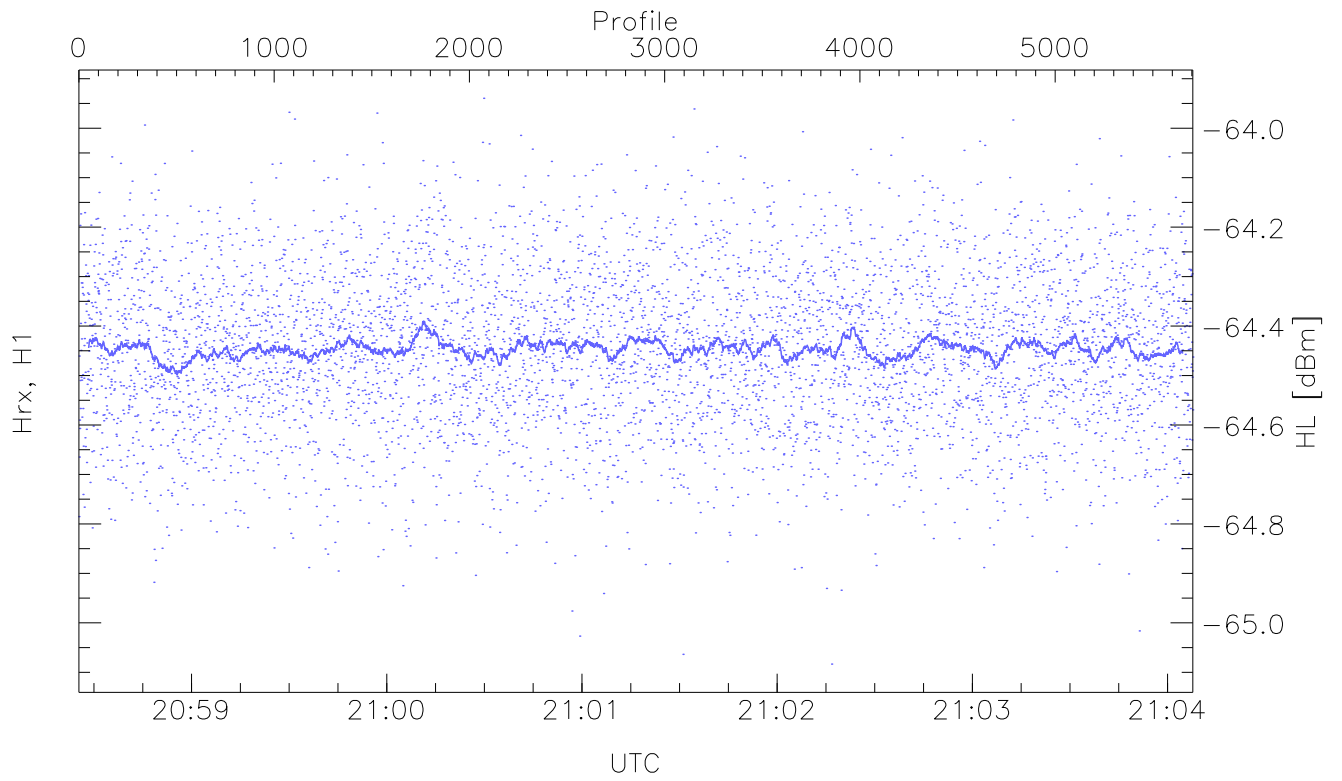
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|---------|
| RMPHrxH1(mean_dBm) | -65.11 | -65.11 | -65.11 | -65.11 | -130.10 |
| RMPHrxH1(std_dBm) | -78.06 | -78.06 | -78.06 | -78.06 | -NaN |



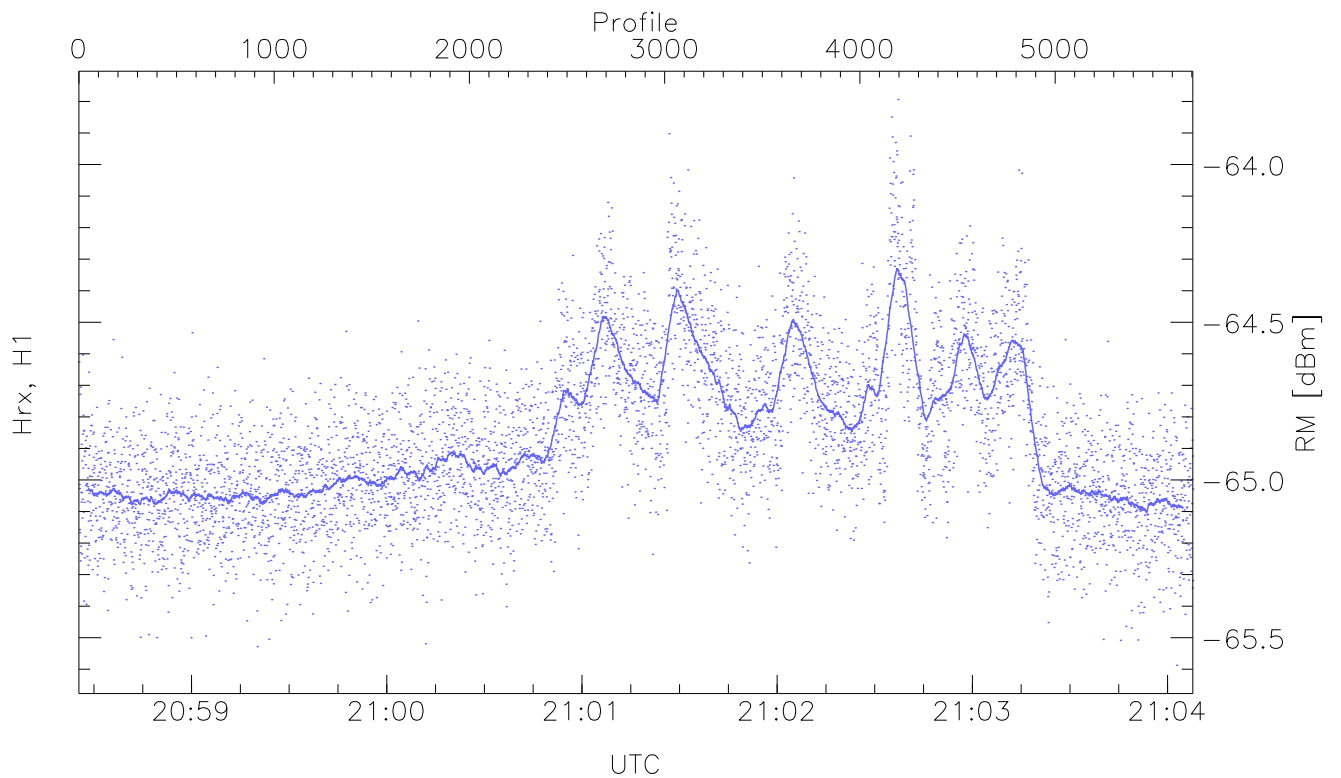
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(WL [dBm]) | -65.29 | -64.01 | -64.66 | -64.66 | -79.21 |



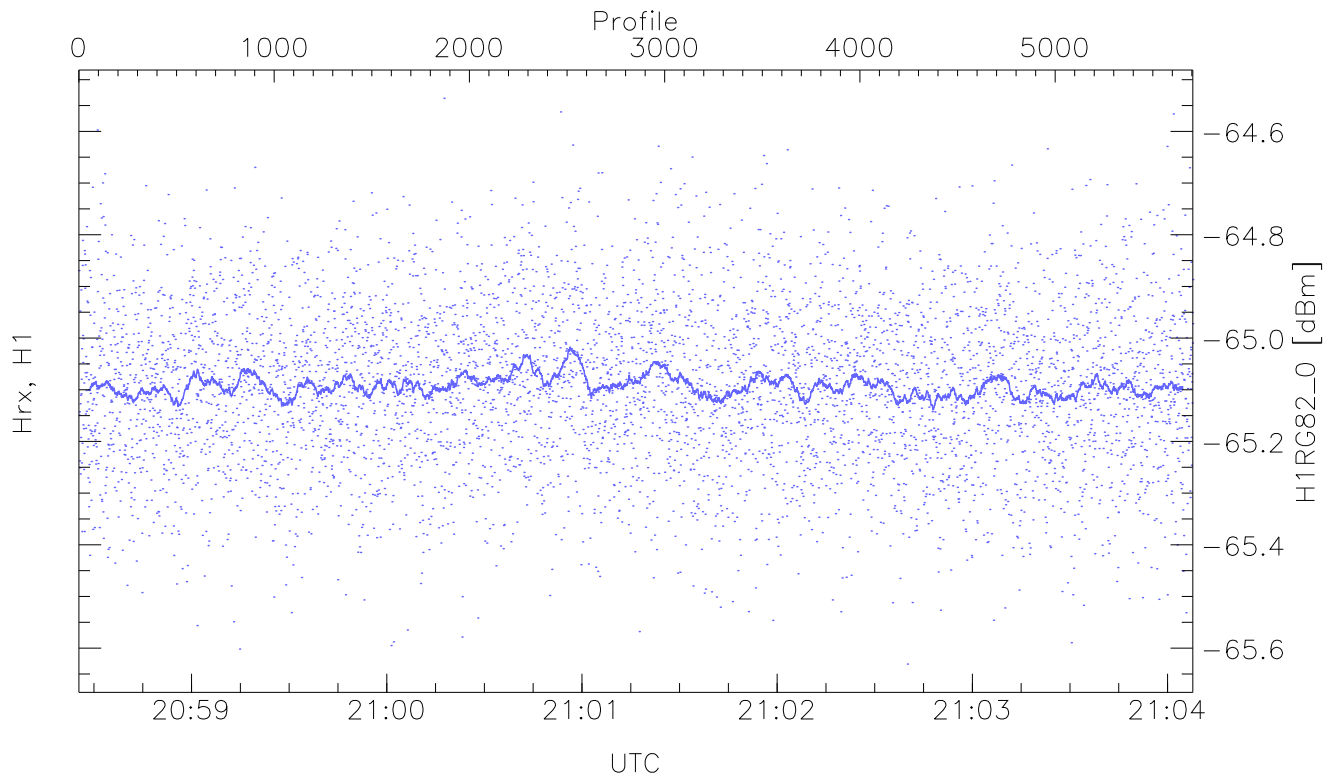
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(HL [dBm]) | -65.08 | -63.94 | -64.44 | -64.44 | -78.93 |



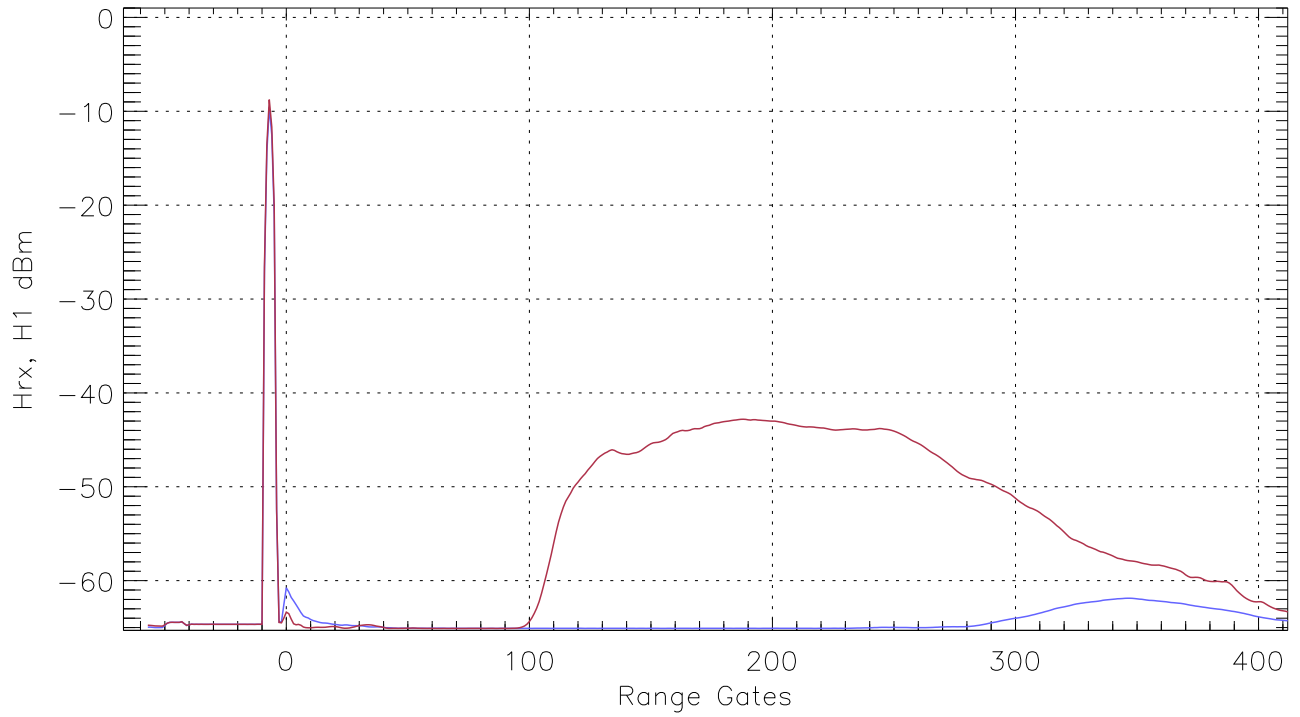
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(RM [dBm]) | -65.59 | -63.79 | -64.86 | -64.91 | -77.02 |

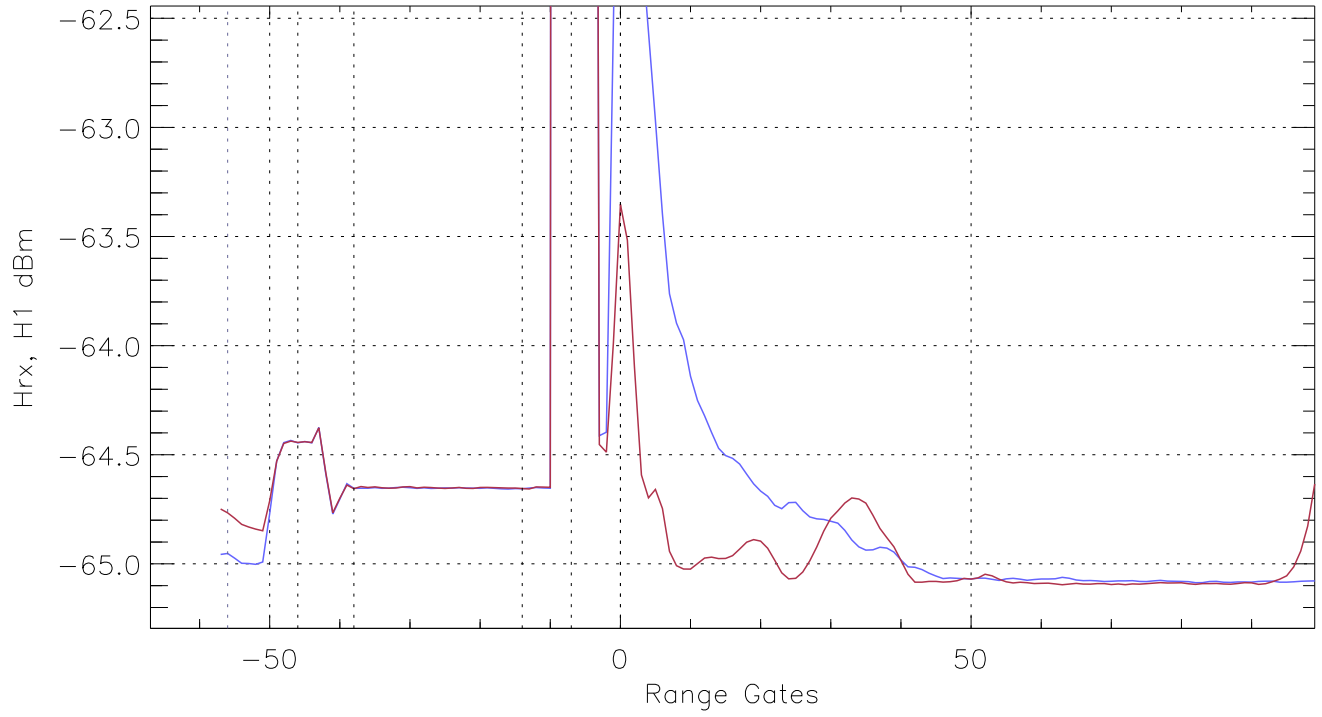


WCR3 CPP "Best" estimate Receivers Noise Power

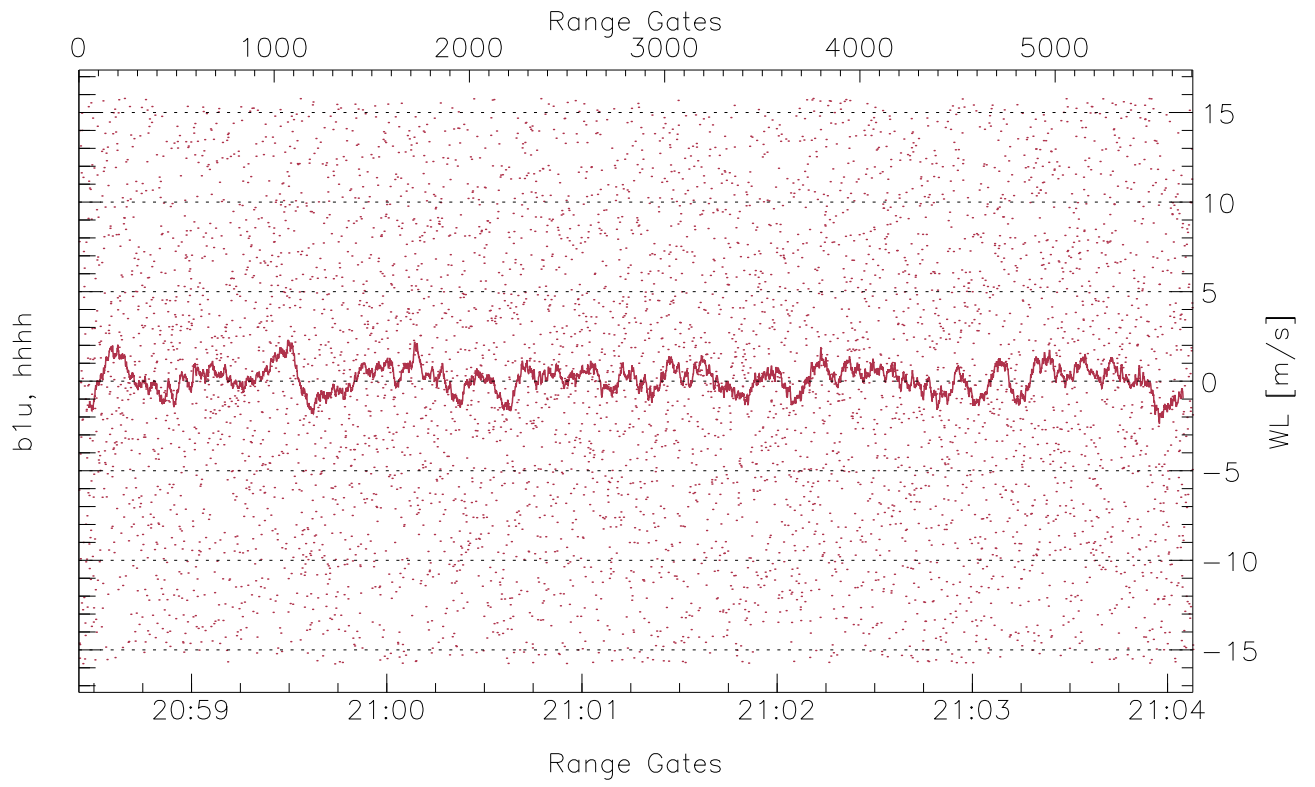
| | Min | Max | Mean | Median | StDev |
|----------------|--------|--------|--------|--------|--------|
| H1RG82_0 [dBm] | -65.63 | -64.54 | -65.09 | -65.09 | -79.57 |



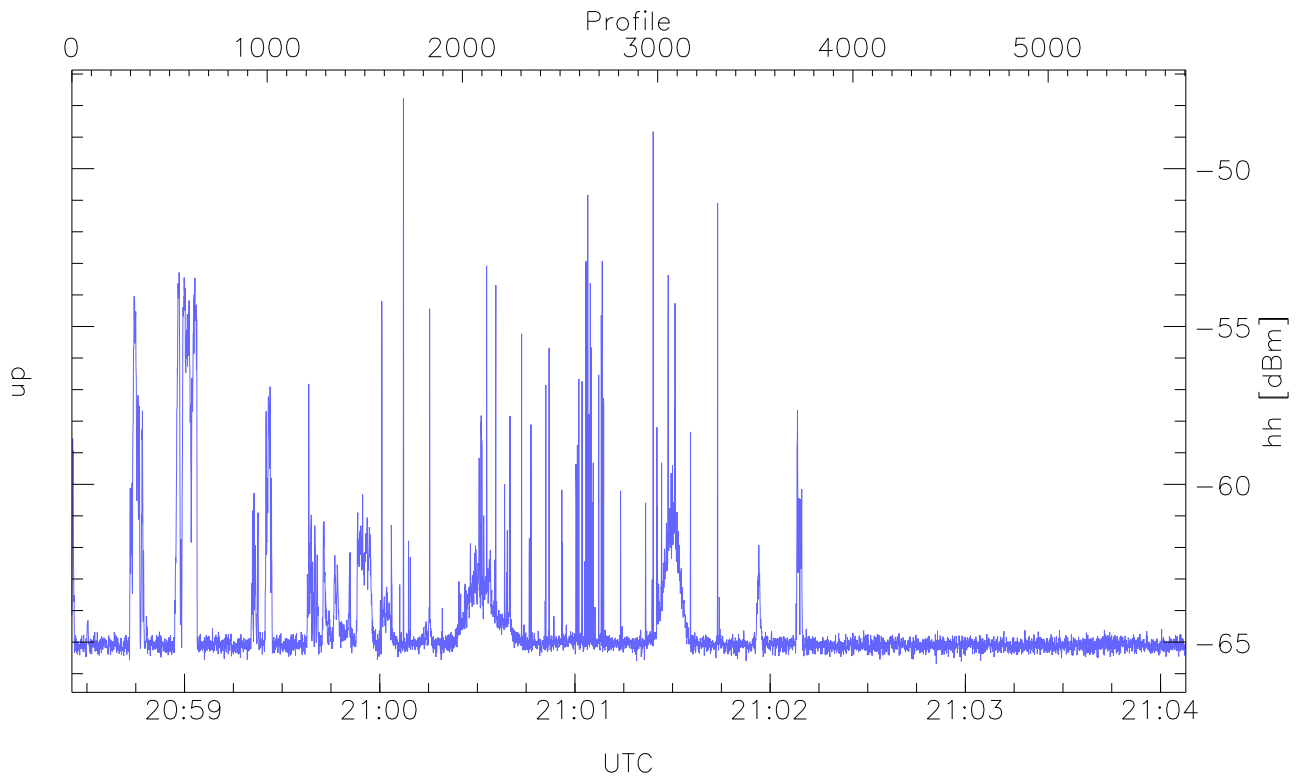
WCR3 CPP Averaged Received power for all recorded gates
blue: 205825-210116, 2854 profiles averaged
red: 210116-210408, 2853 profiles averaged



WCR3 CPP Averaged Power for neg. gates & up to 100 gates
blue: 205825-210116, 2854 profiles averaged
red: 210116-210408, 2853 profiles averaged

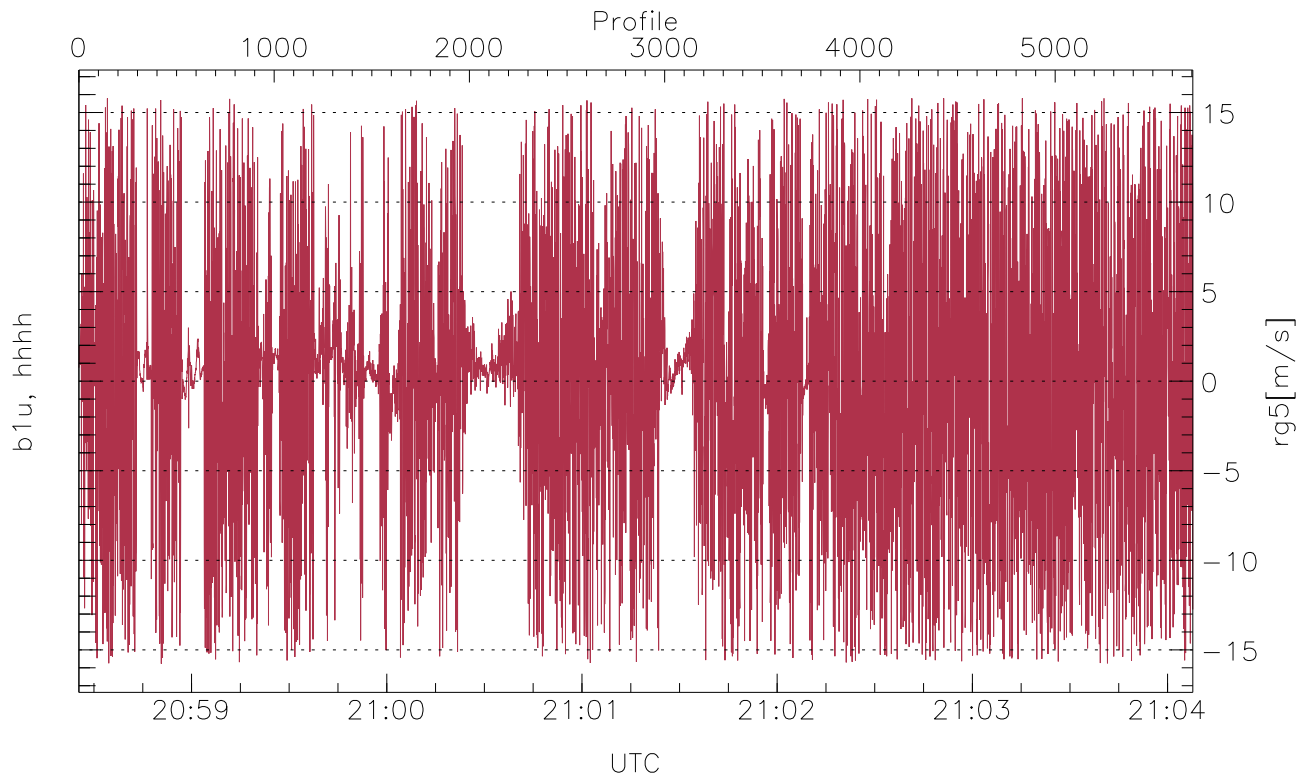


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

| | Min | Max | Mean |
|--------------|--------|--------|--------|
| up(hh [dBm]) | -65.70 | -47.77 | -63.73 |



WCR3 CPP Doppler Velocity Products at 180.4 m range

| | Min | Max | Mean | StDev |
|---------------------|--------|-------|------|-------|
| b1u, hhhh(rg5[m/s]) | -15.77 | 15.79 | 0.16 | 7.31 |