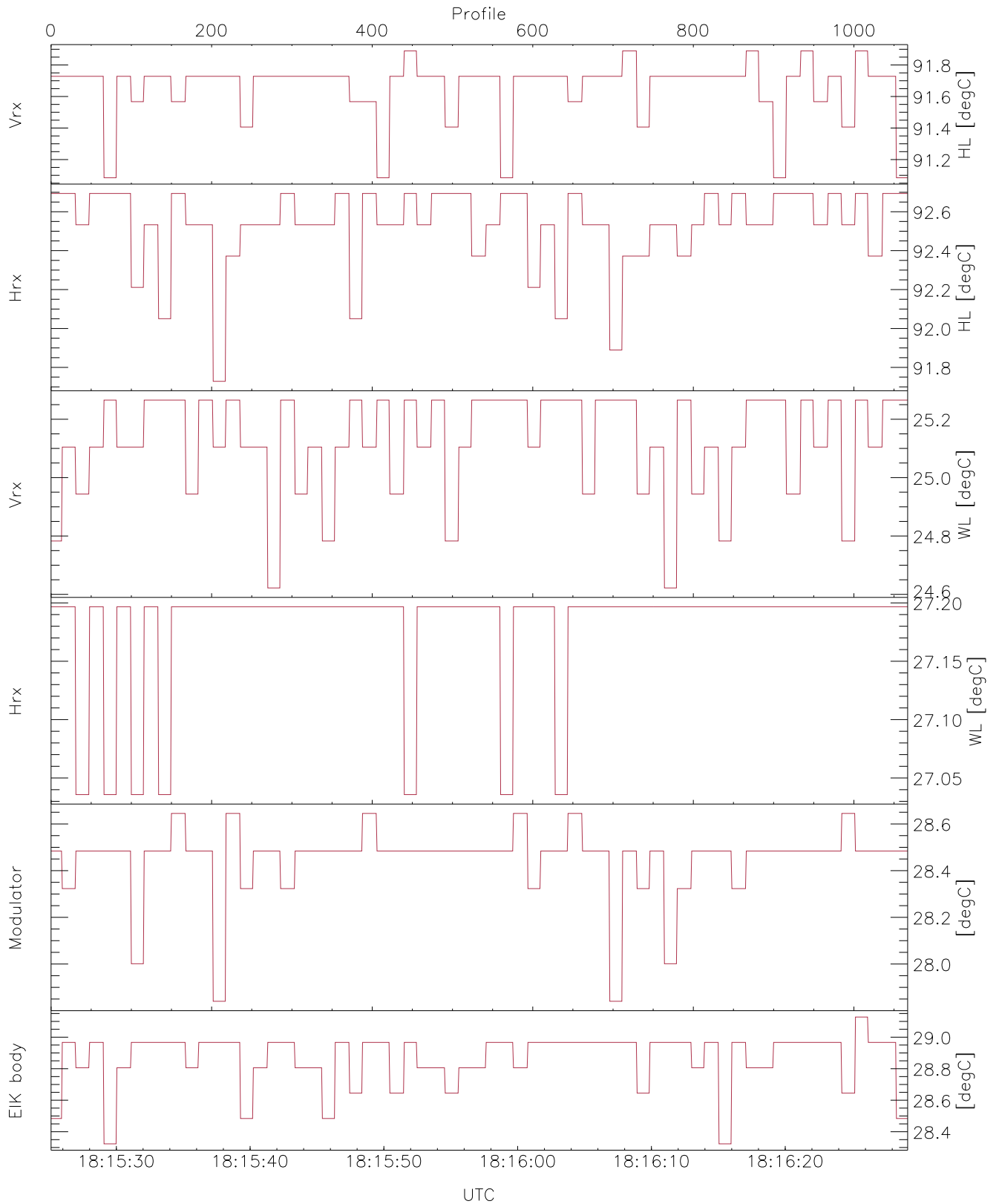


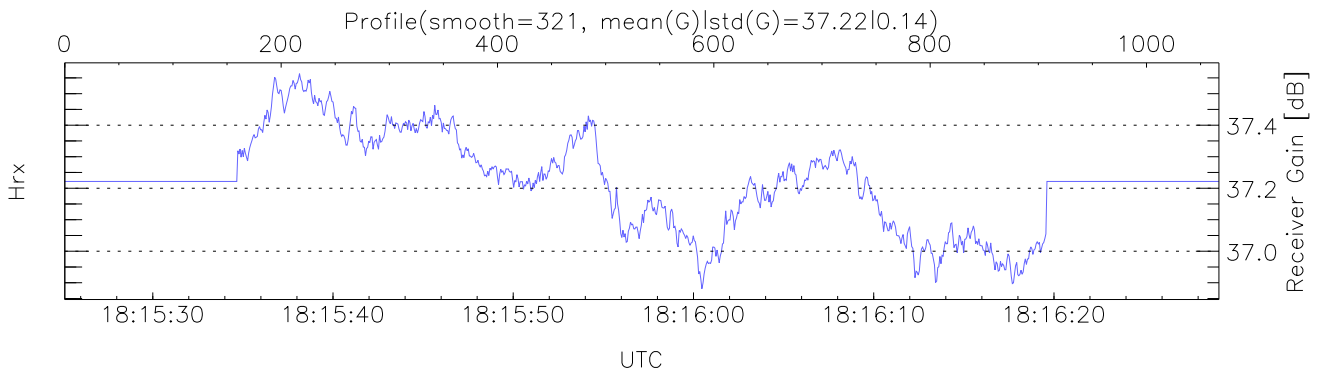
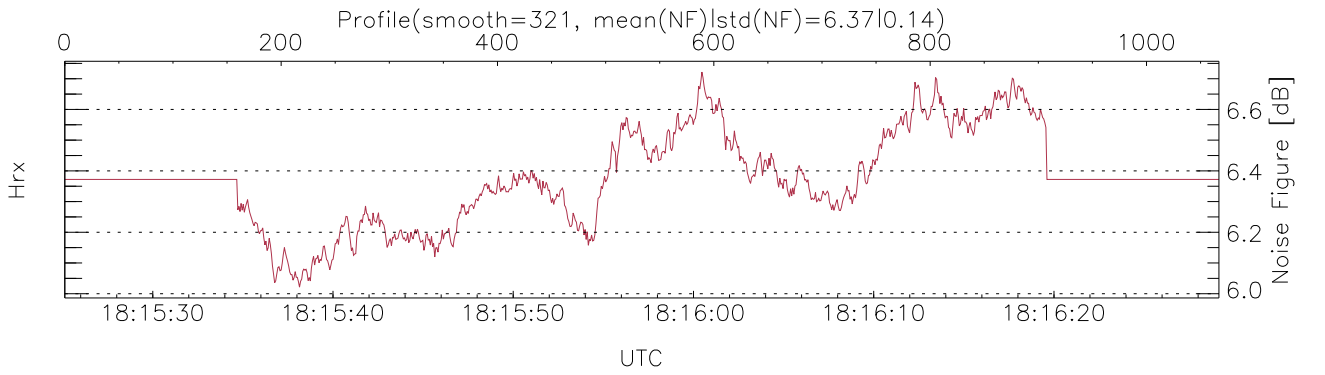
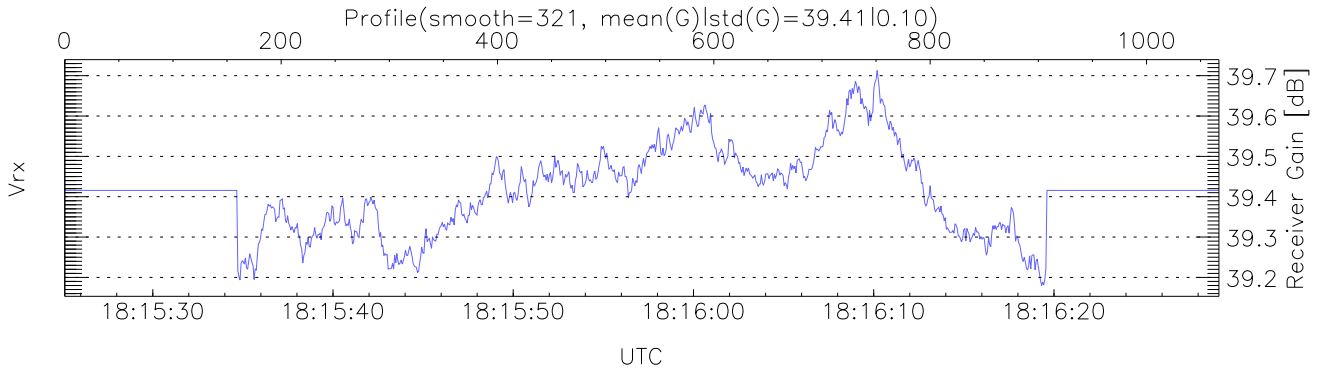
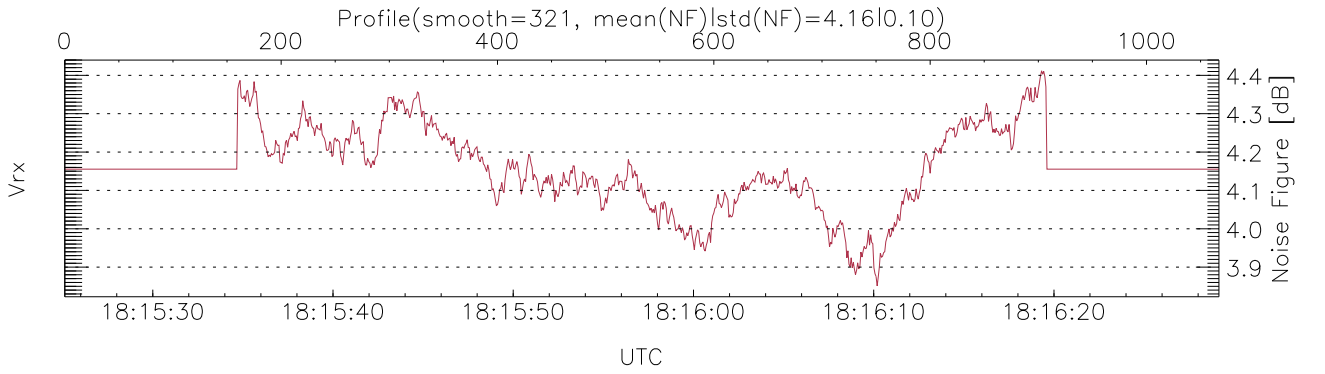
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:15:25-18:16:29, TimeCor: 0.00s, Dur: 64.04s
 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): 1068/1068, 0-1067/18:15:25-18:16:29
 AcqTime: 60.0ms, Rate: 0.341MB/s, Averages (req.,actual): 200,200
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 V2 V2 H2 H2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 94, 3598, 7.5 m, Gates: 468, Aspect: 1.4
 Mirror(-910112,3,9x = no mirror/sideluplerror): 3



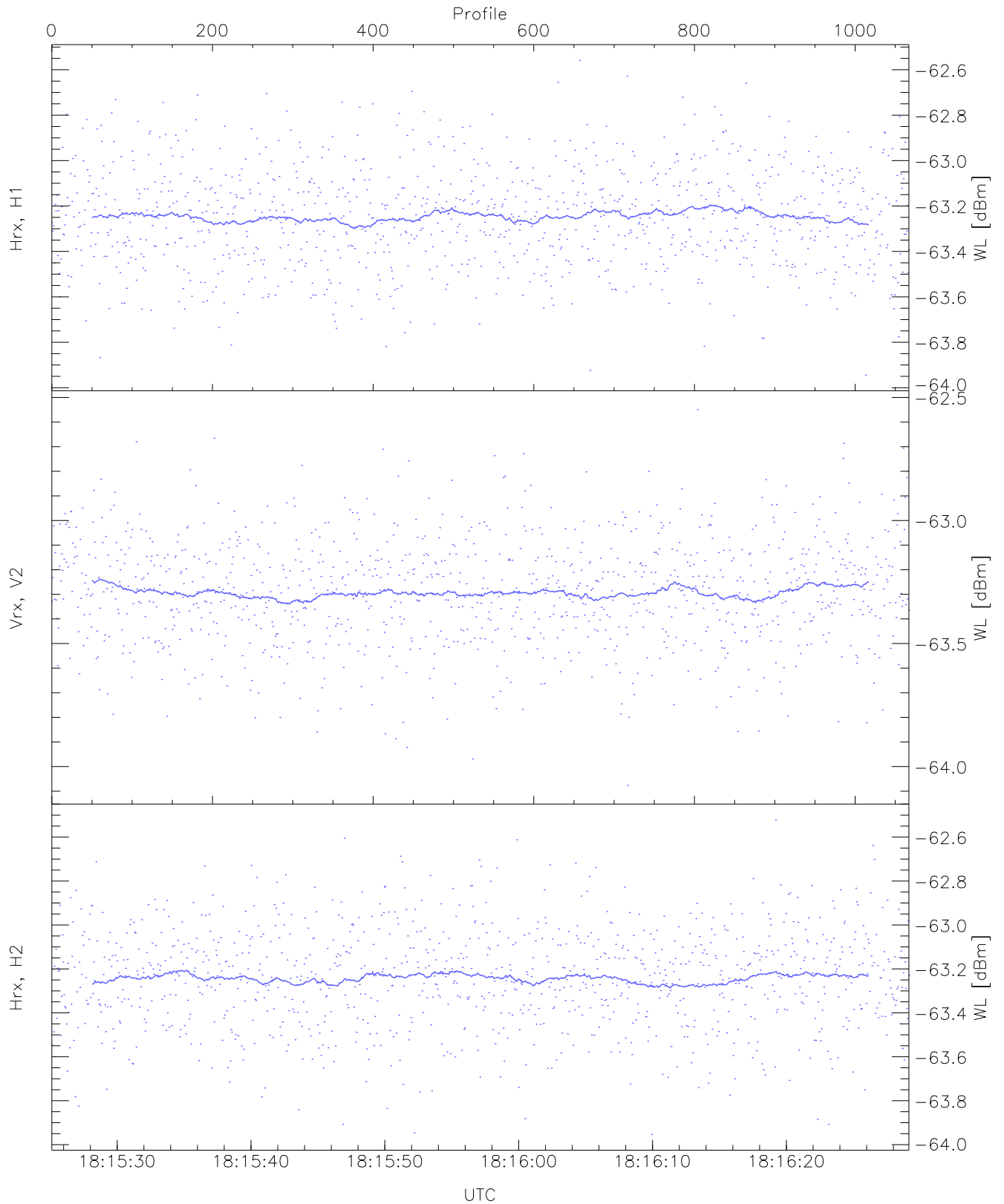
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,24,27,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,28,29
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



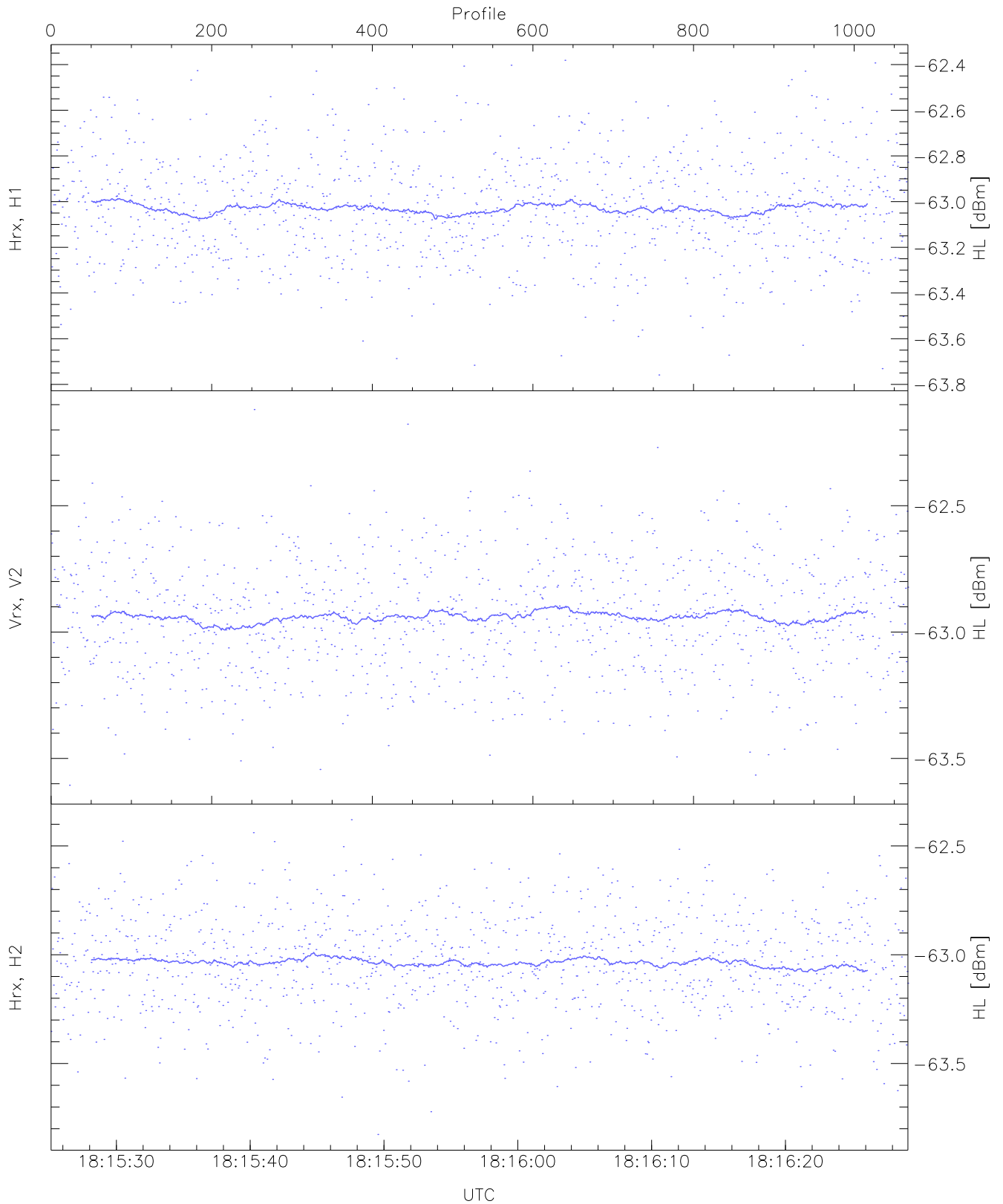
WCR3 CPP Receivers Gain and Noise Figure

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



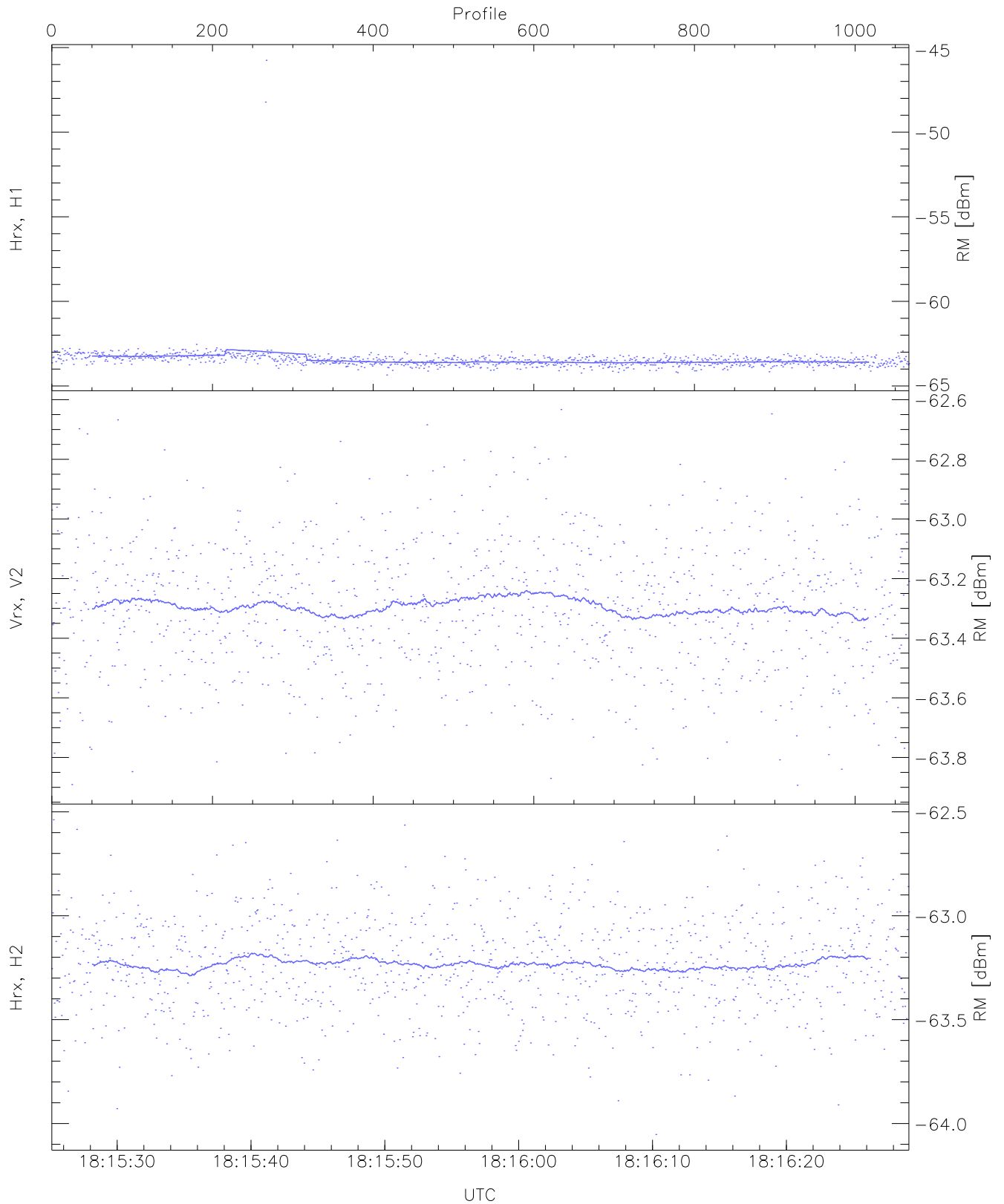
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -63.94 | -62.56 | -63.24 | -63.24 | -76.26 |
| Vrx, V2 (WL [dBm]) | -64.08 | -62.55 | -63.28 | -63.28 | -76.34 |
| Hrx, H2 (WL [dBm]) | -63.95 | -62.52 | -63.24 | -63.23 | -76.13 |



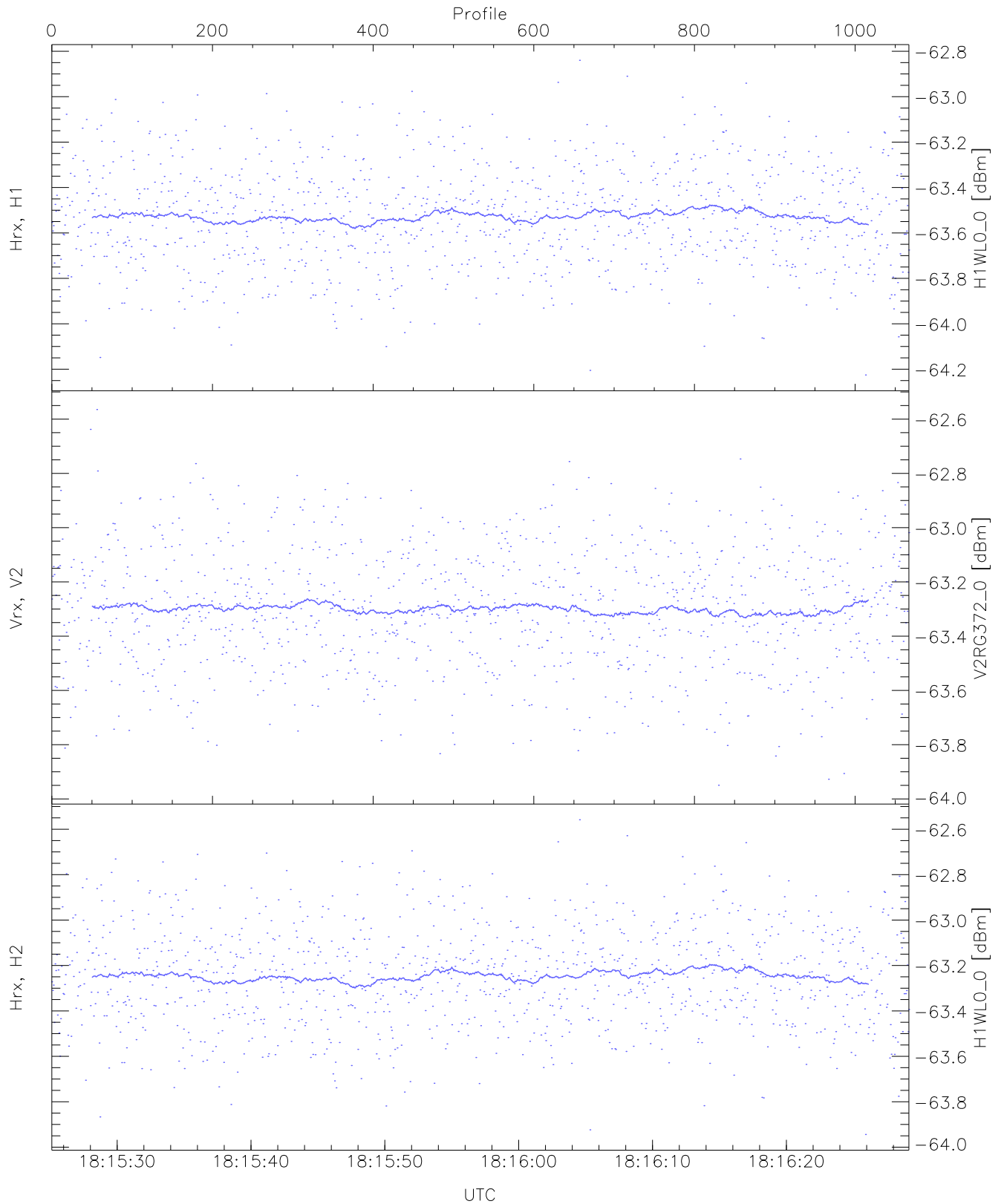
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -63.76 | -62.38 | -63.02 | -63.03 | -75.93 |
| Vrx, V2 (HL [dBm]) | -63.61 | -62.12 | -62.93 | -62.94 | -75.86 |
| Hrx, H2 (HL [dBm]) | -63.83 | -62.38 | -63.03 | -63.04 | -76.08 |



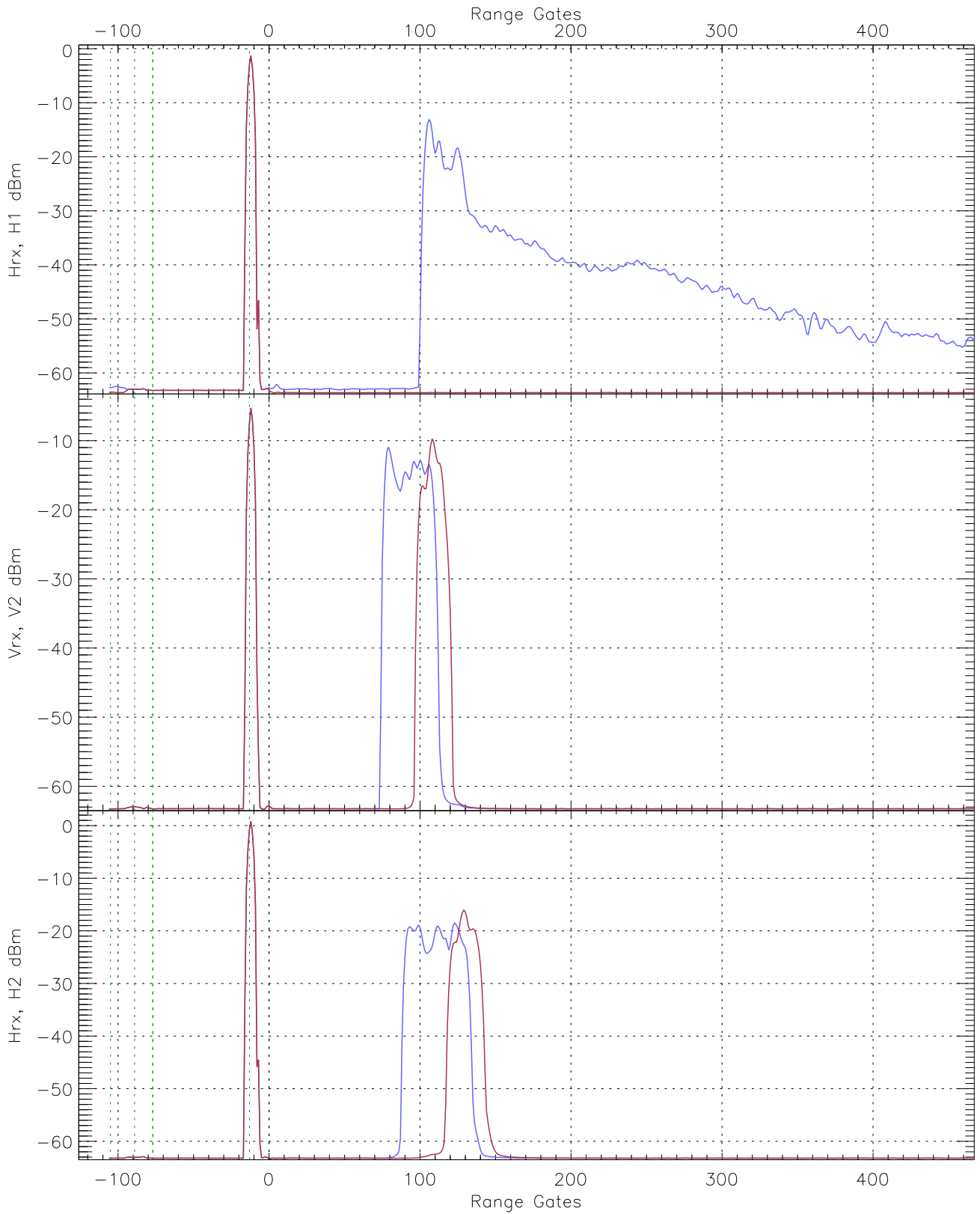
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -64.35 | -45.75 | -63.12 | -63.50 | -60.38 |
| Vrx, V2 (RM [dBm]) | -63.89 | -62.63 | -63.29 | -63.29 | -76.42 |
| Hrx, H2 (RM [dBm]) | -64.05 | -62.54 | -63.23 | -63.24 | -76.15 |

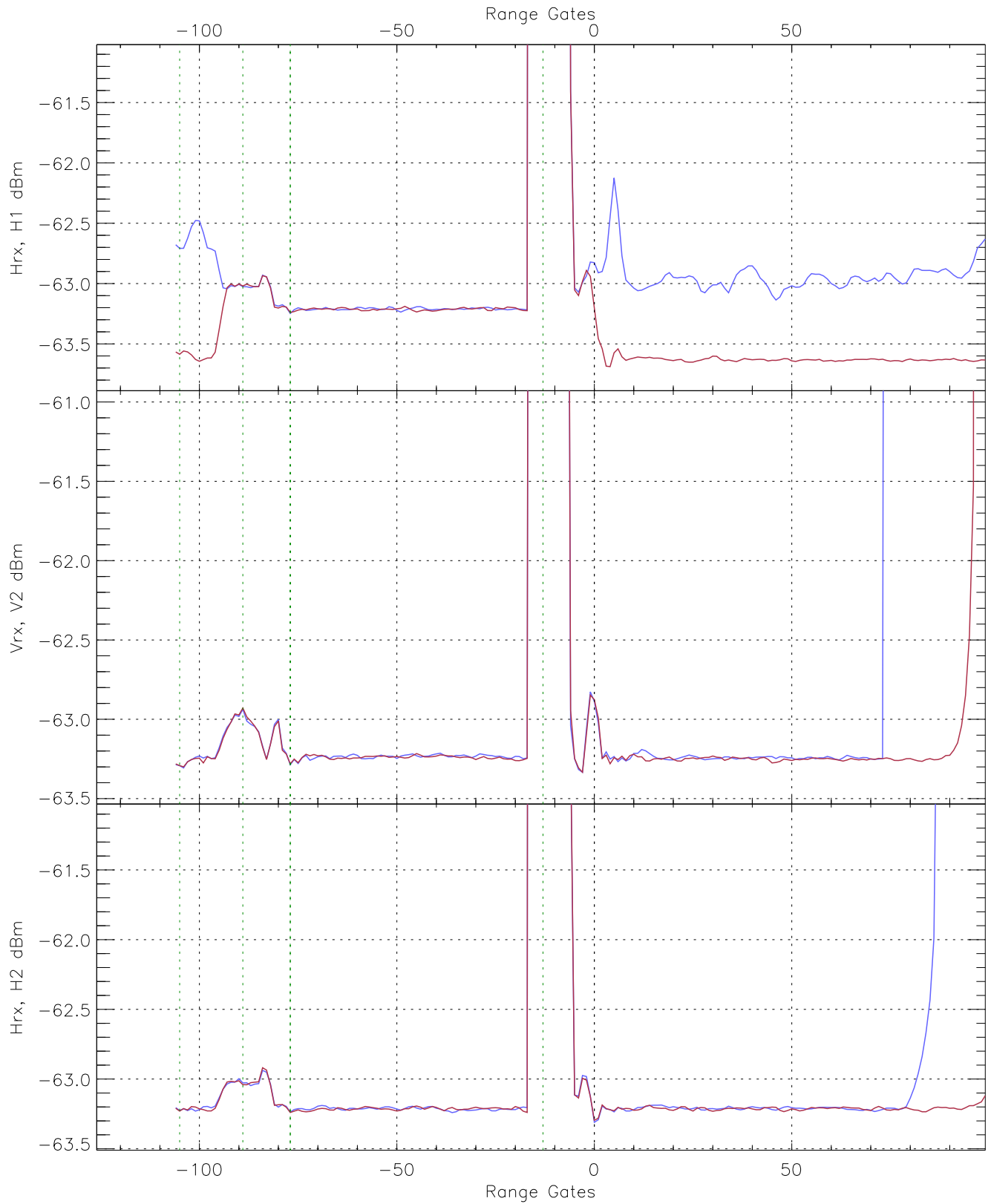


WCR3 CPP "Best" estimate Receivers Noise Power

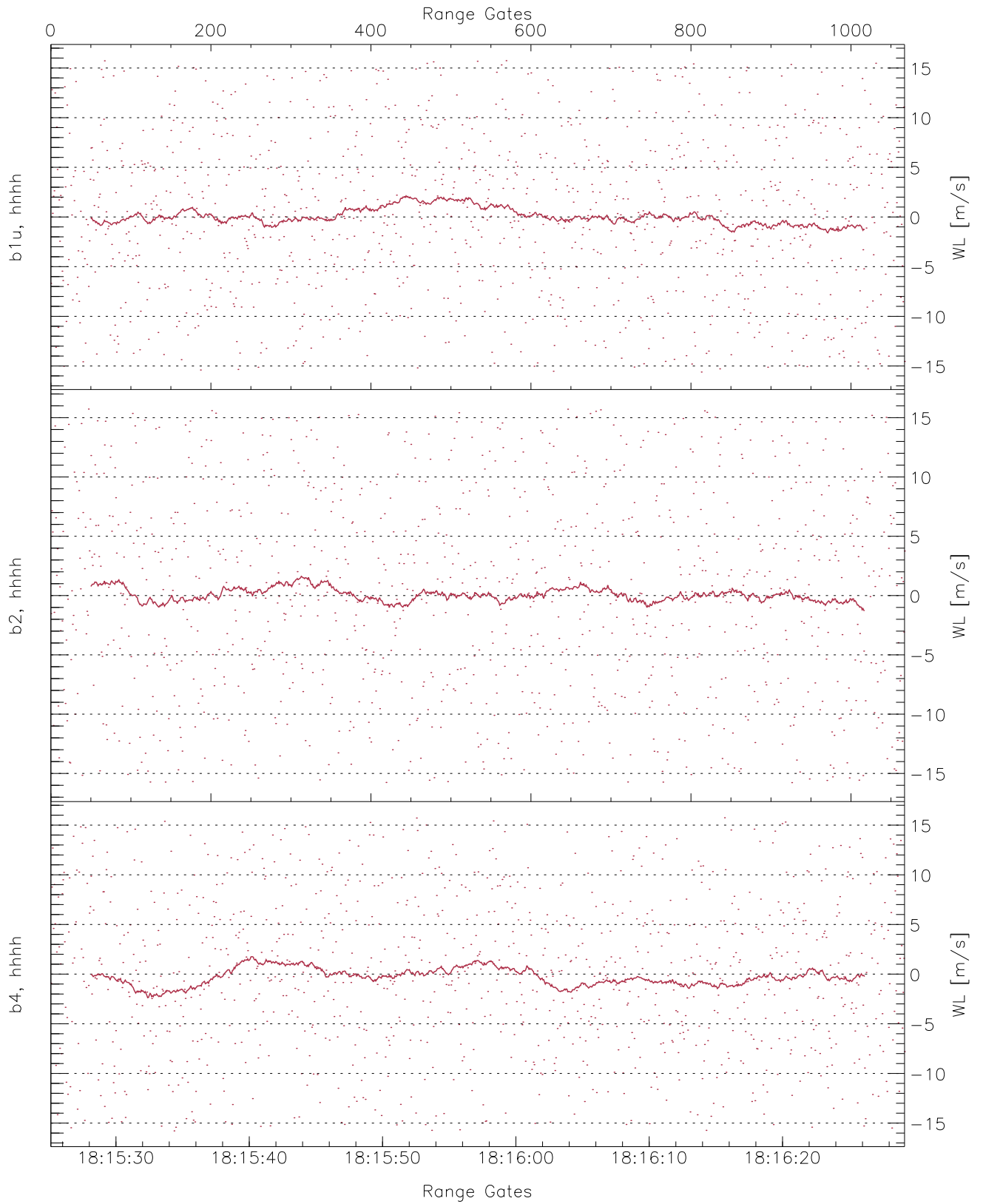
| | Min | Max | Mean | Median | StDev |
|-----------------|--------|--------|--------|--------|--------|
| H1WLO_0 [dBm] | -64.23 | -62.84 | -63.53 | -63.53 | -76.54 |
| V2RG372_0 [dBm] | -63.95 | -62.56 | -63.29 | -63.30 | -76.29 |
| H1WLO_0 [dBm] | -63.94 | -62.56 | -63.24 | -63.24 | -76.26 |



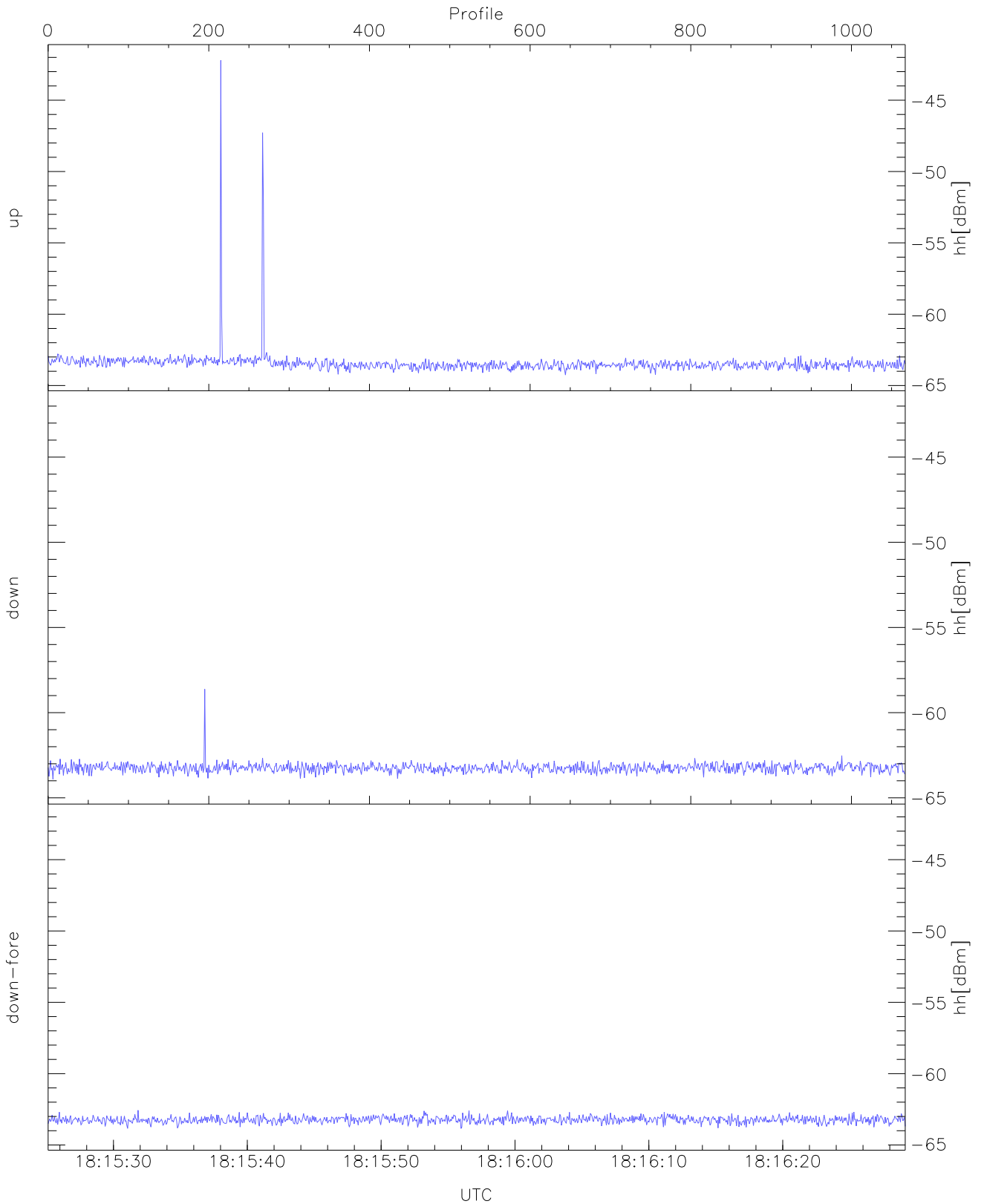
WCR3 CPP Averaged Received power for all recorded gates
blue: 181525-181557, 535 profiles averaged
red: 181557-181629, 534 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 181525-181557, 535 profiles averaged
red: 181557-181629, 534 profiles averaged

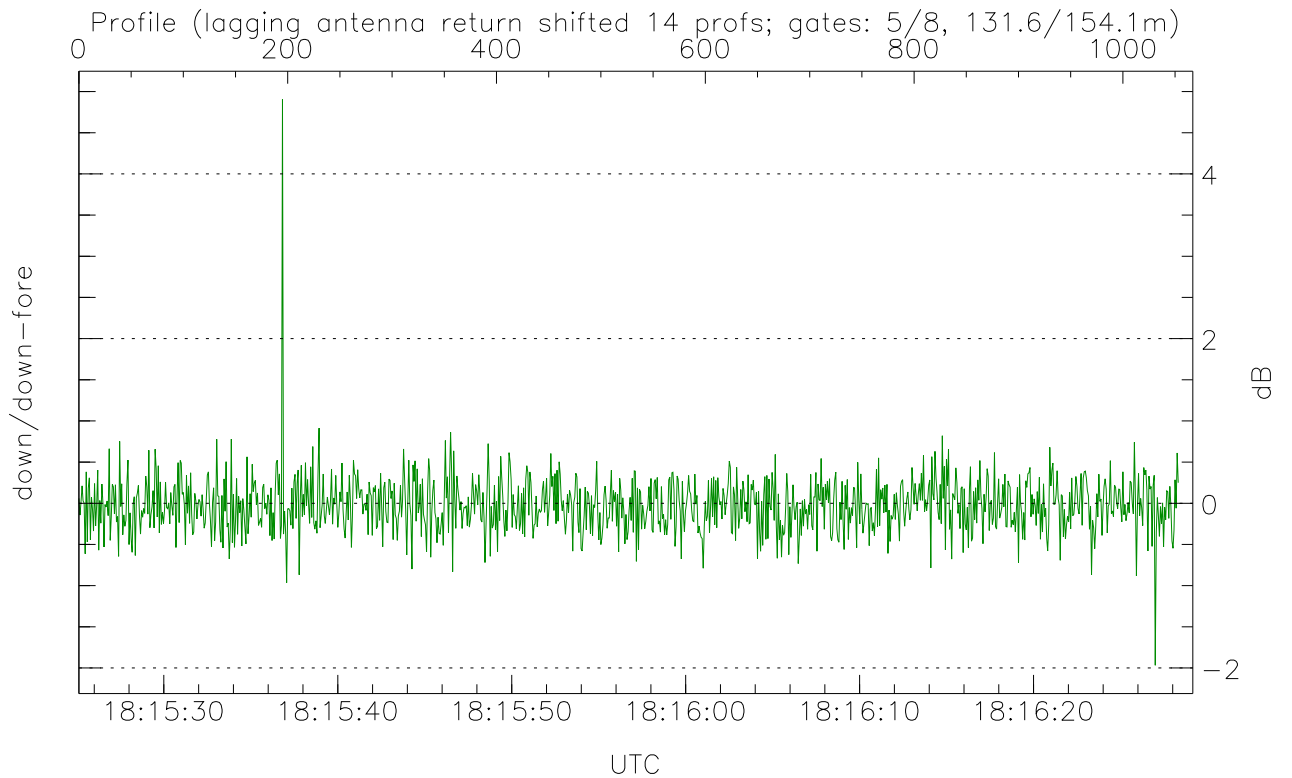
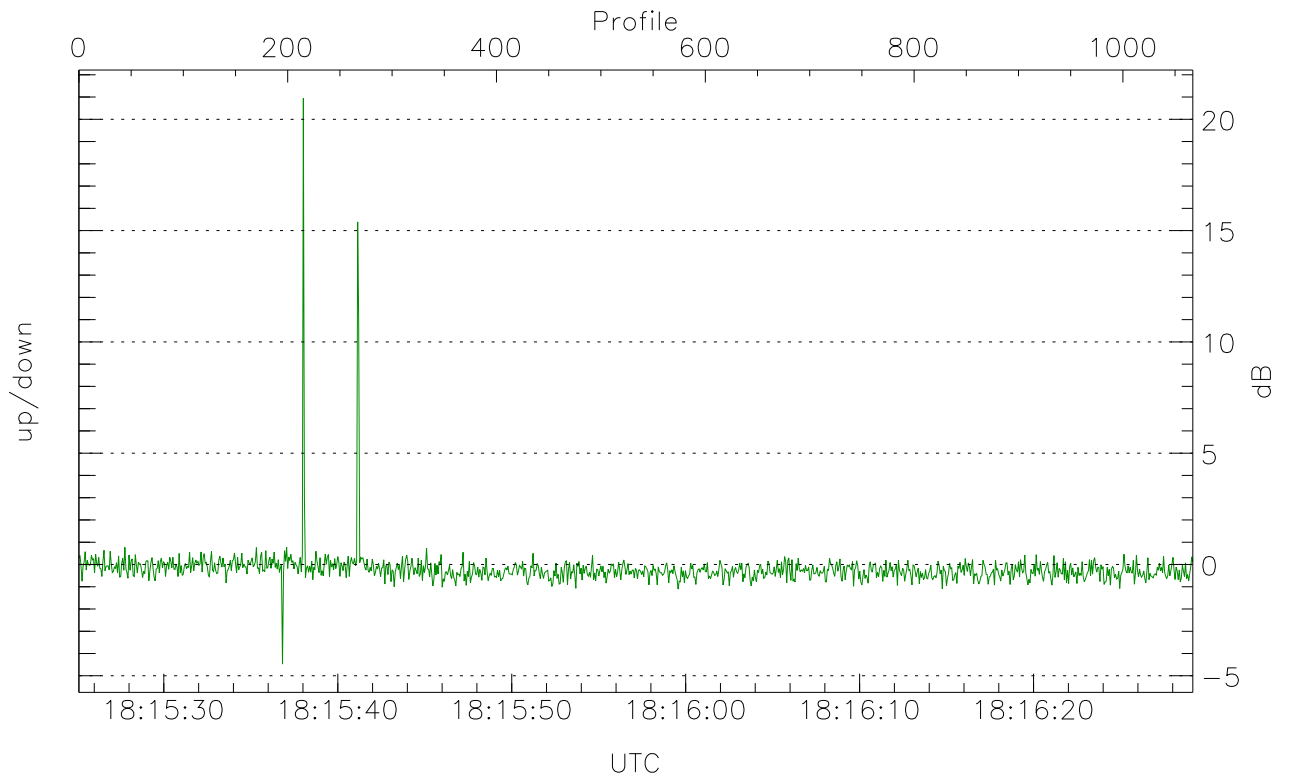


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



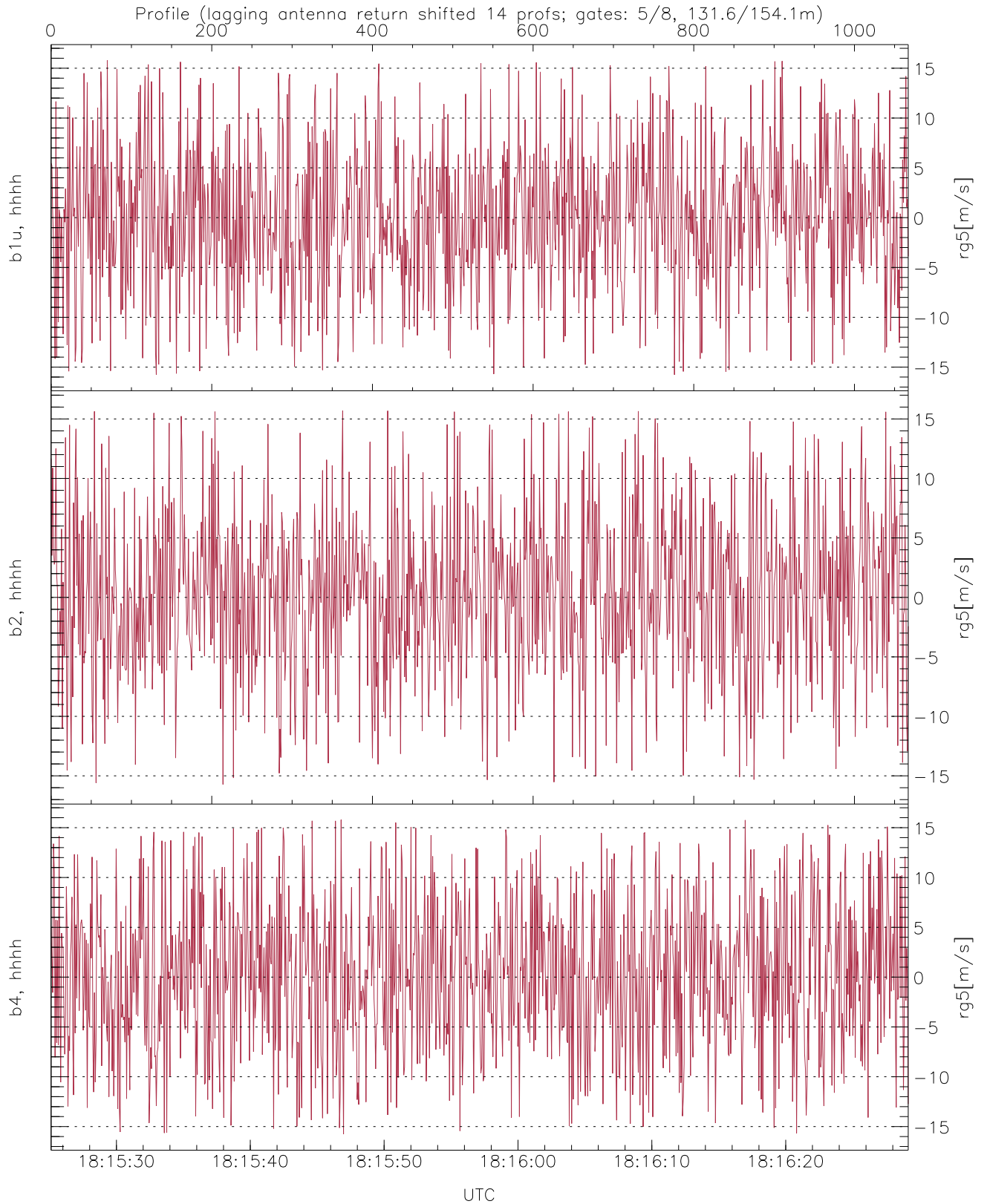
WCR3 CPP Received Power Products for Range gate 5 (131.6 m)

| | Min | Max | Mean |
|--------------------|--------|--------|--------|
| up(hh[dBm]) | -64.26 | -42.20 | -62.79 |
| down(hh[dBm]) | -63.90 | -58.62 | -63.24 |
| down-fore(hh[dBm]) | -63.84 | -62.57 | -63.23 |



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (131 m)

| | Min | Max | Mean |
|---------------------|-------|-------|-------|
| up/down (dB) | -4.47 | 20.94 | -0.20 |
| down/down-fore (dB) | -1.97 | 4.90 | -0.02 |



WCR3 CPP Doppler Velocity Products at 131.6 m range

| | Min | Max | Mean | StDev |
|---------------------|--------|-------|-------|-------|
| b1u, hhhh(rg5[m/s]) | -15.76 | 15.78 | -0.00 | 7.00 |
| b2, hhhh(rg5[m/s]) | -15.72 | 15.70 | 0.27 | 6.63 |
| b4, hhhh(rg5[m/s]) | -15.75 | 15.79 | 0.21 | 7.43 |