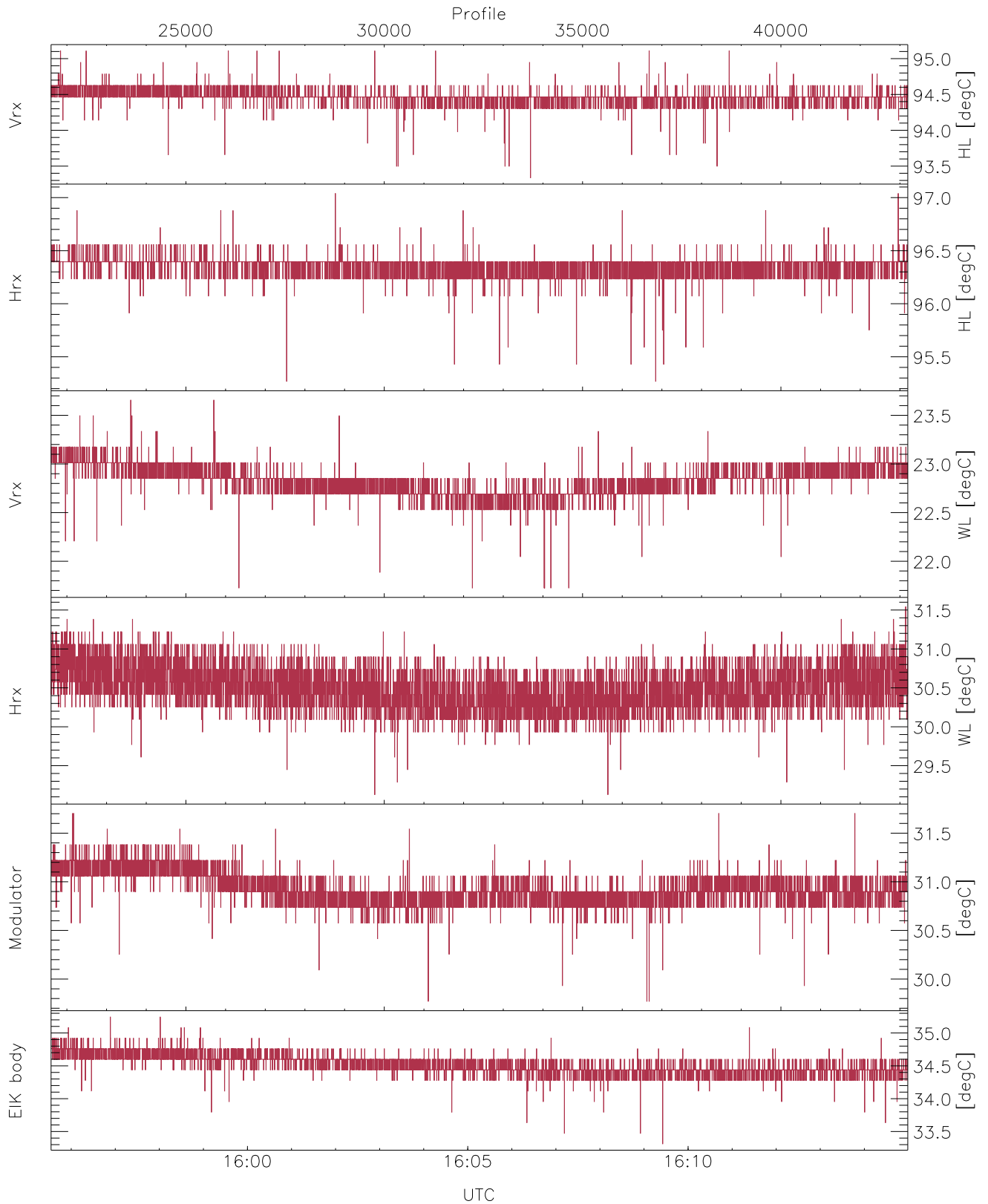


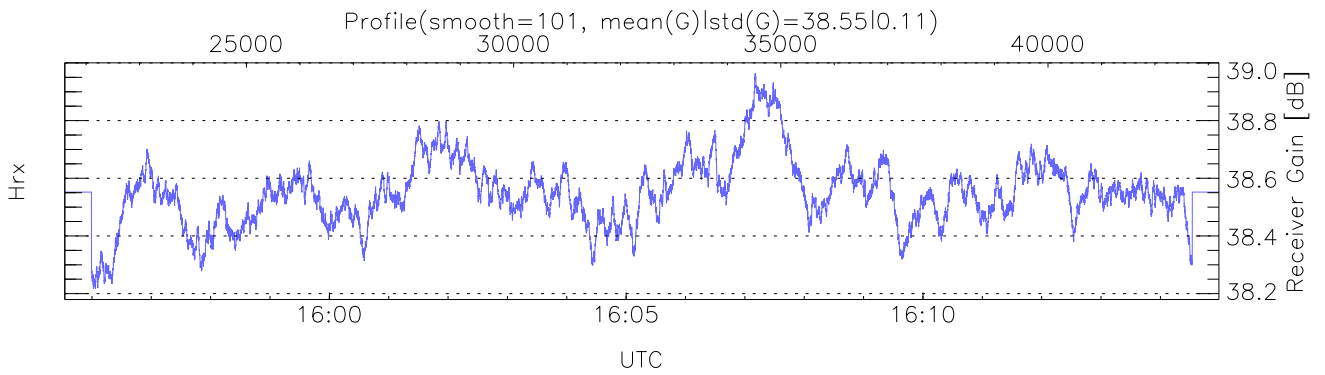
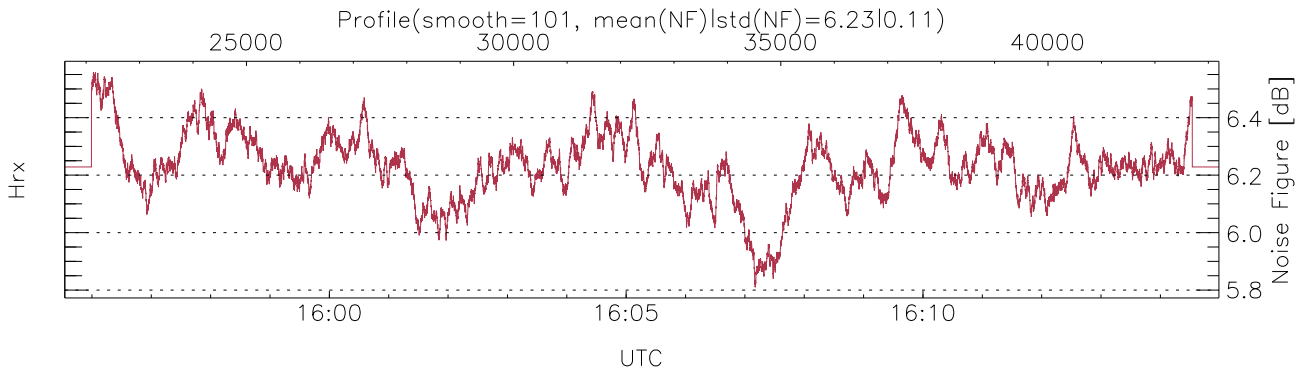
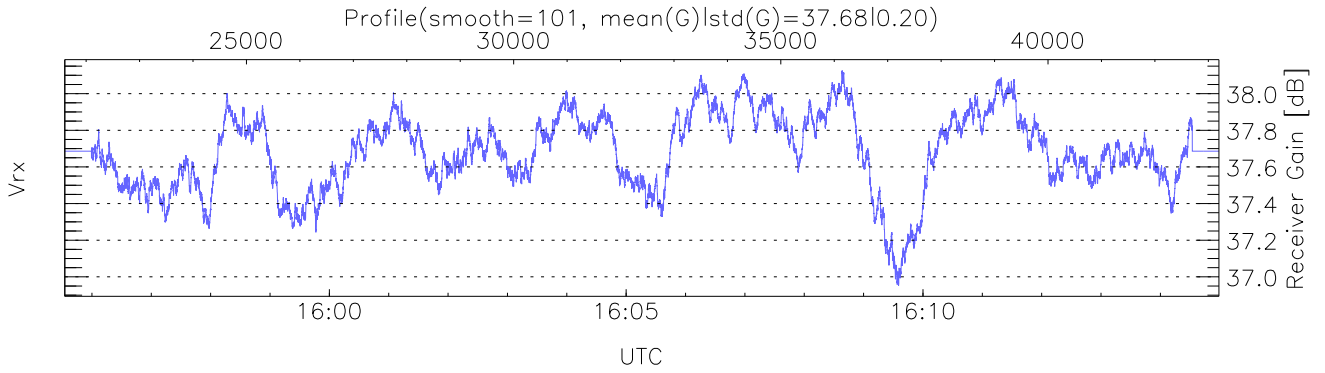
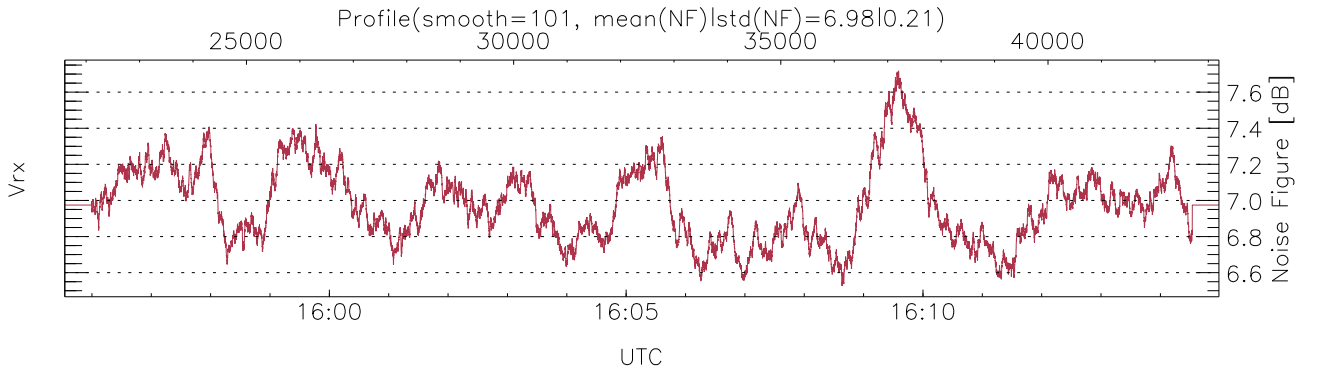
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

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): 21600/48923, 21600-43199/15:55:33-16:14:59
 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



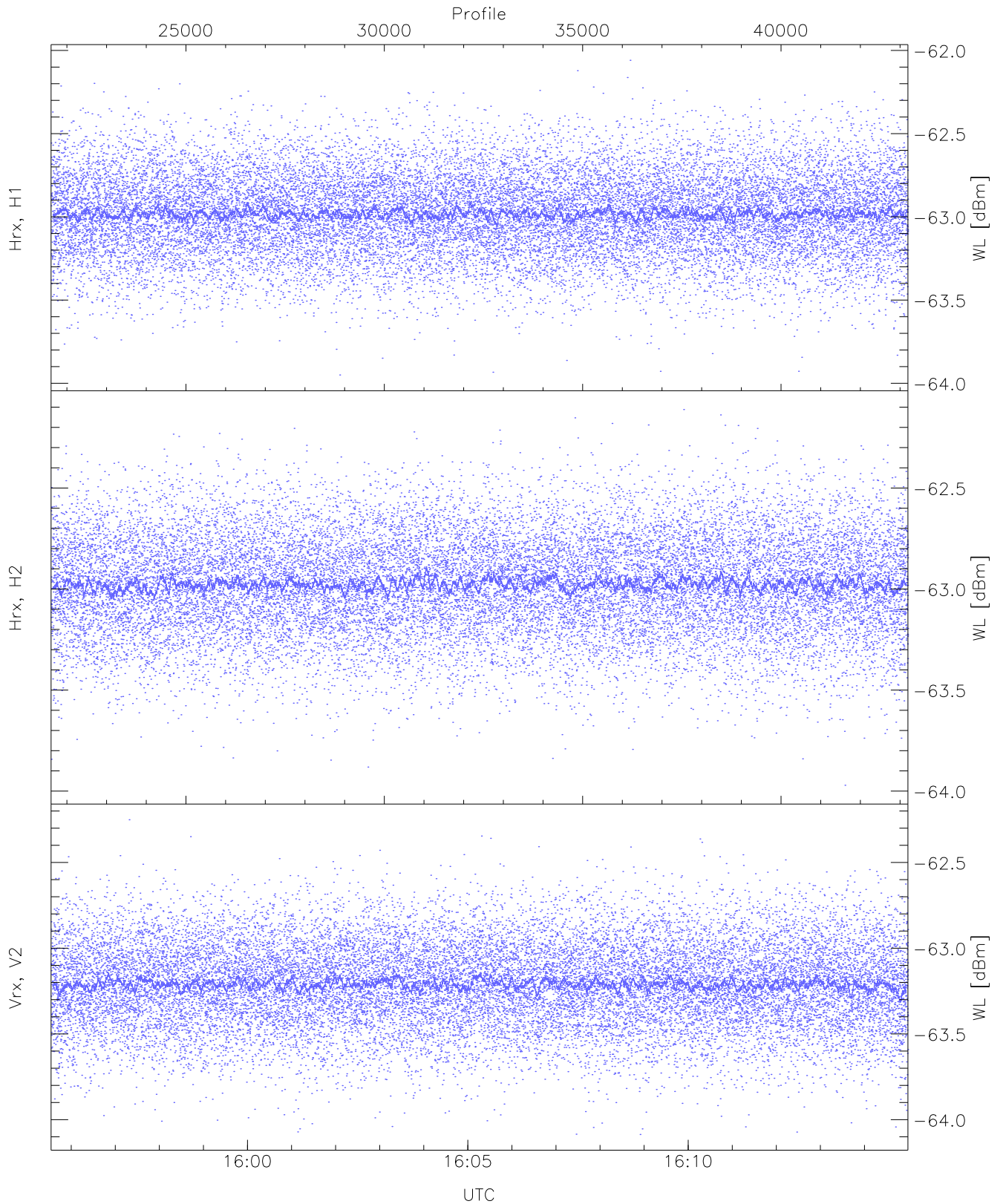
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,29,29,33
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):
HVPS (9)



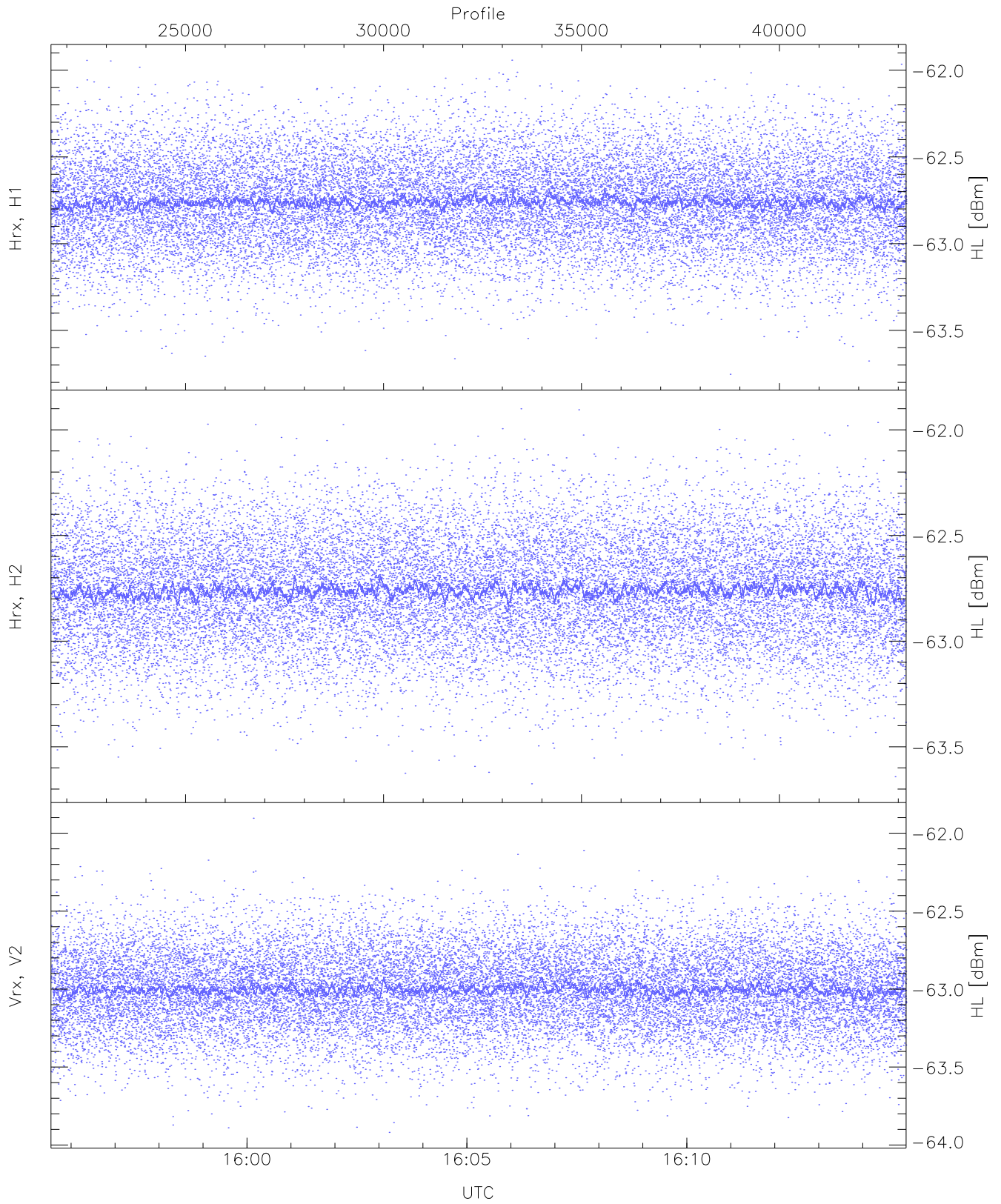
WCR2 CPP Receivers Gain and Noise Figure

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



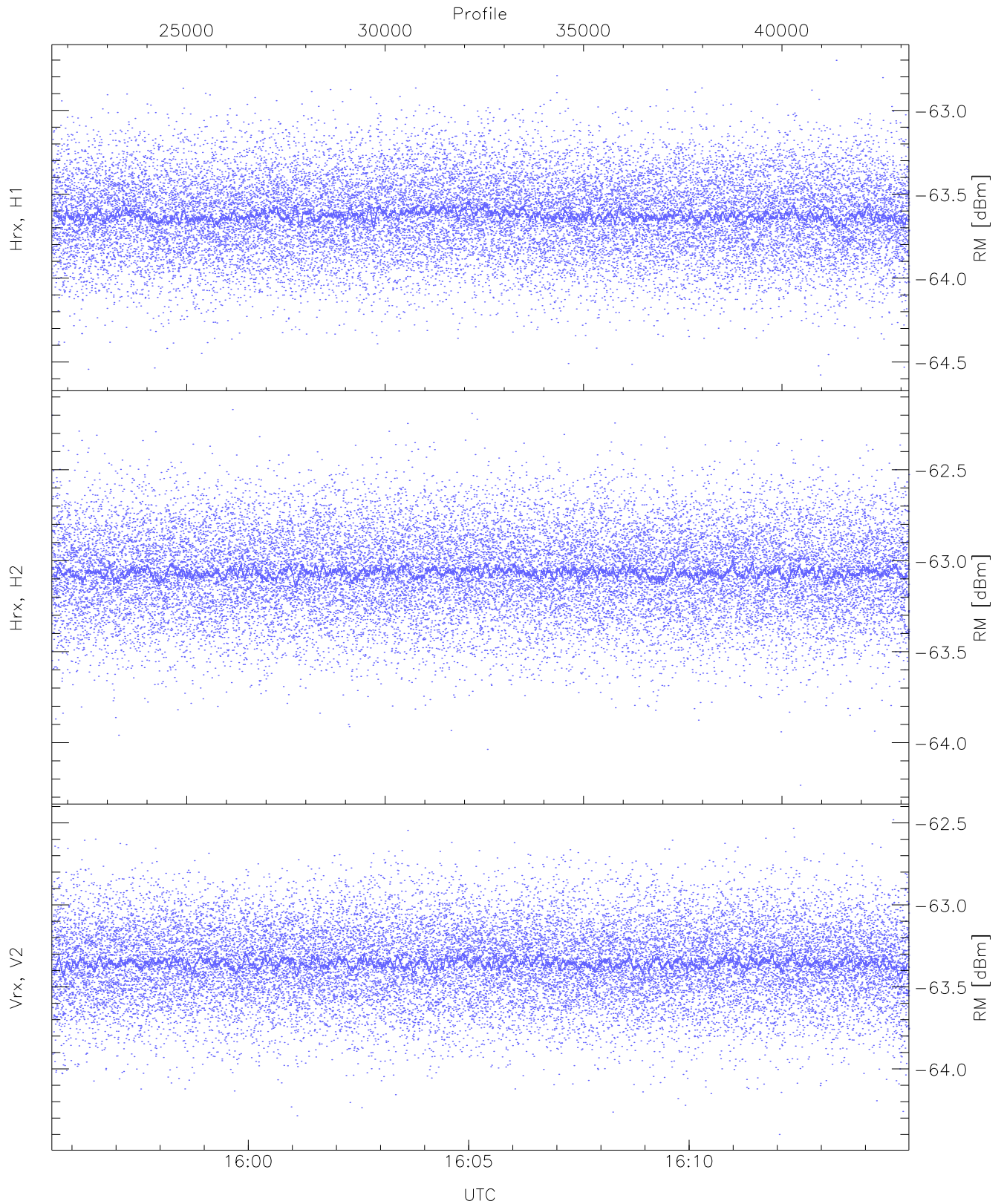
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(WL [dBm]) | -63.95 | -62.06 | -62.98 | -62.98 | -75.66 |
| Hrx, H2(WL [dBm]) | -63.97 | -62.11 | -62.97 | -62.98 | -75.69 |
| Vrx, V2(WL [dBm]) | -64.09 | -62.25 | -63.21 | -63.21 | -75.89 |



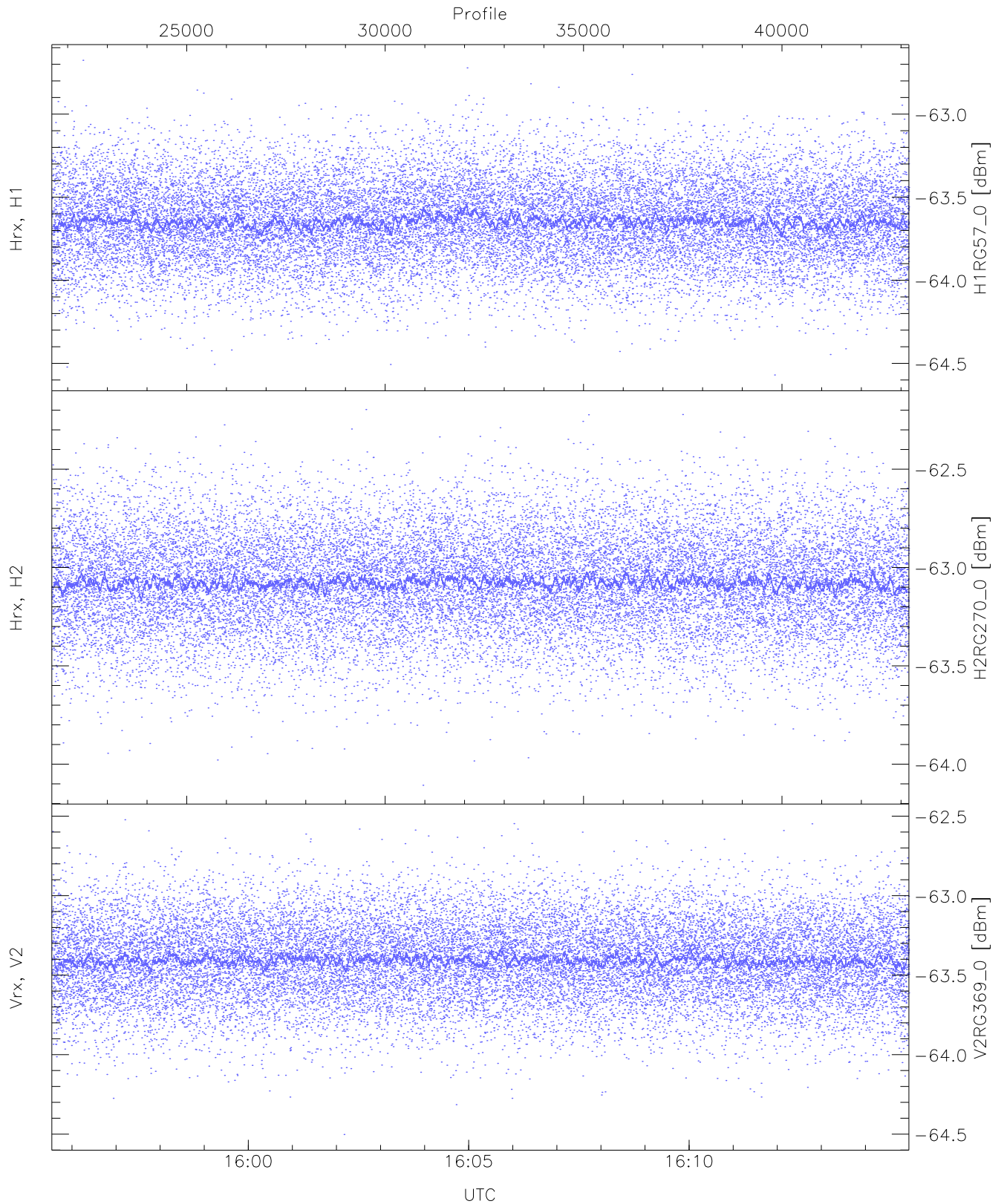
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -63.75 | -61.94 | -62.76 | -62.76 | -75.43 |
| Hrx, H2 (HL [dBm]) | -63.68 | -61.90 | -62.76 | -62.76 | -75.47 |
| Vrx, V2 (HL [dBm]) | -63.92 | -61.90 | -63.00 | -63.00 | -75.69 |



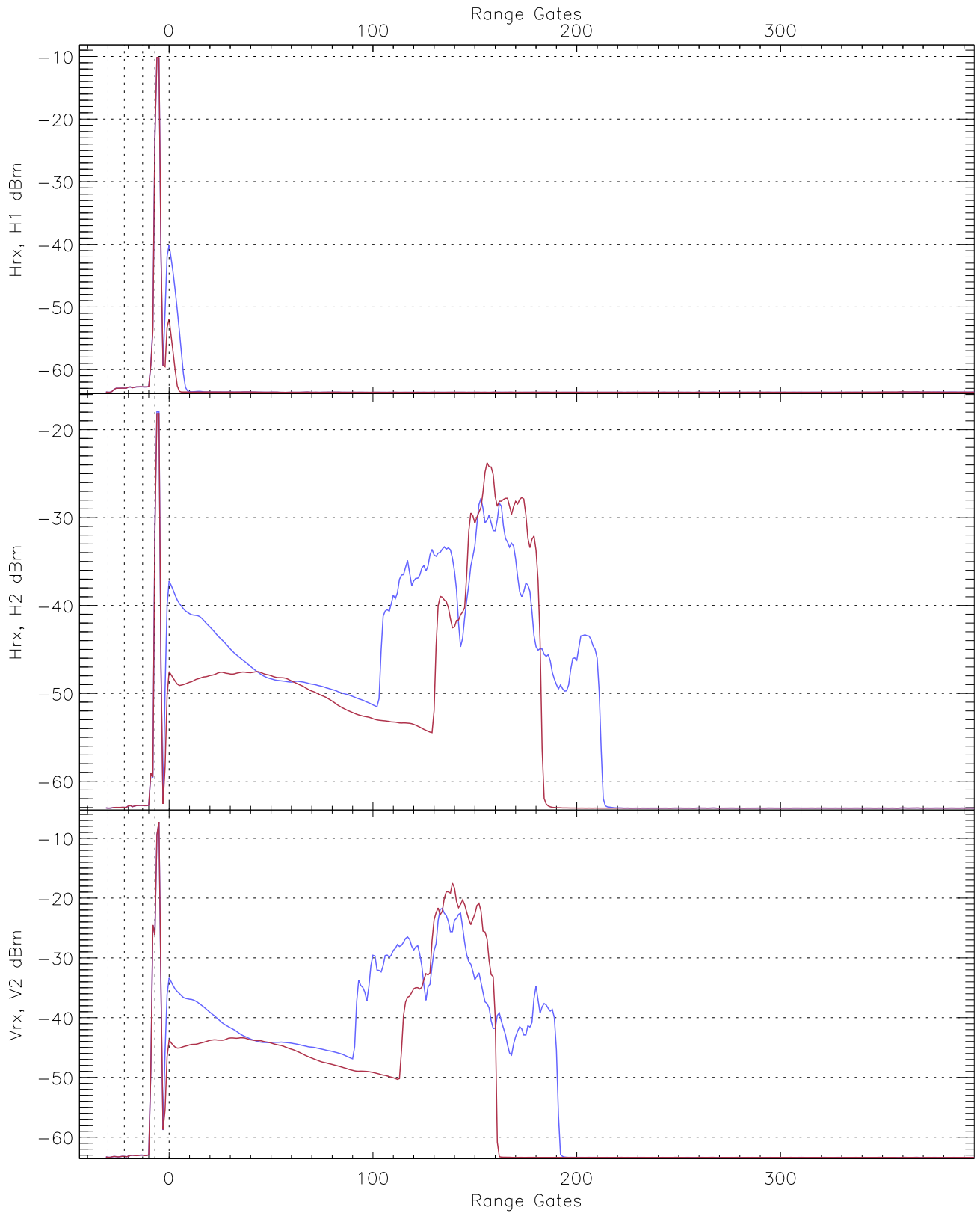
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -64.58 | -62.70 | -63.62 | -63.62 | -76.35 |
| Hrx, H2 (RM [dBm]) | -64.23 | -62.17 | -63.06 | -63.07 | -75.79 |
| Vrx, V2 (RM [dBm]) | -64.40 | -62.48 | -63.35 | -63.36 | -76.08 |

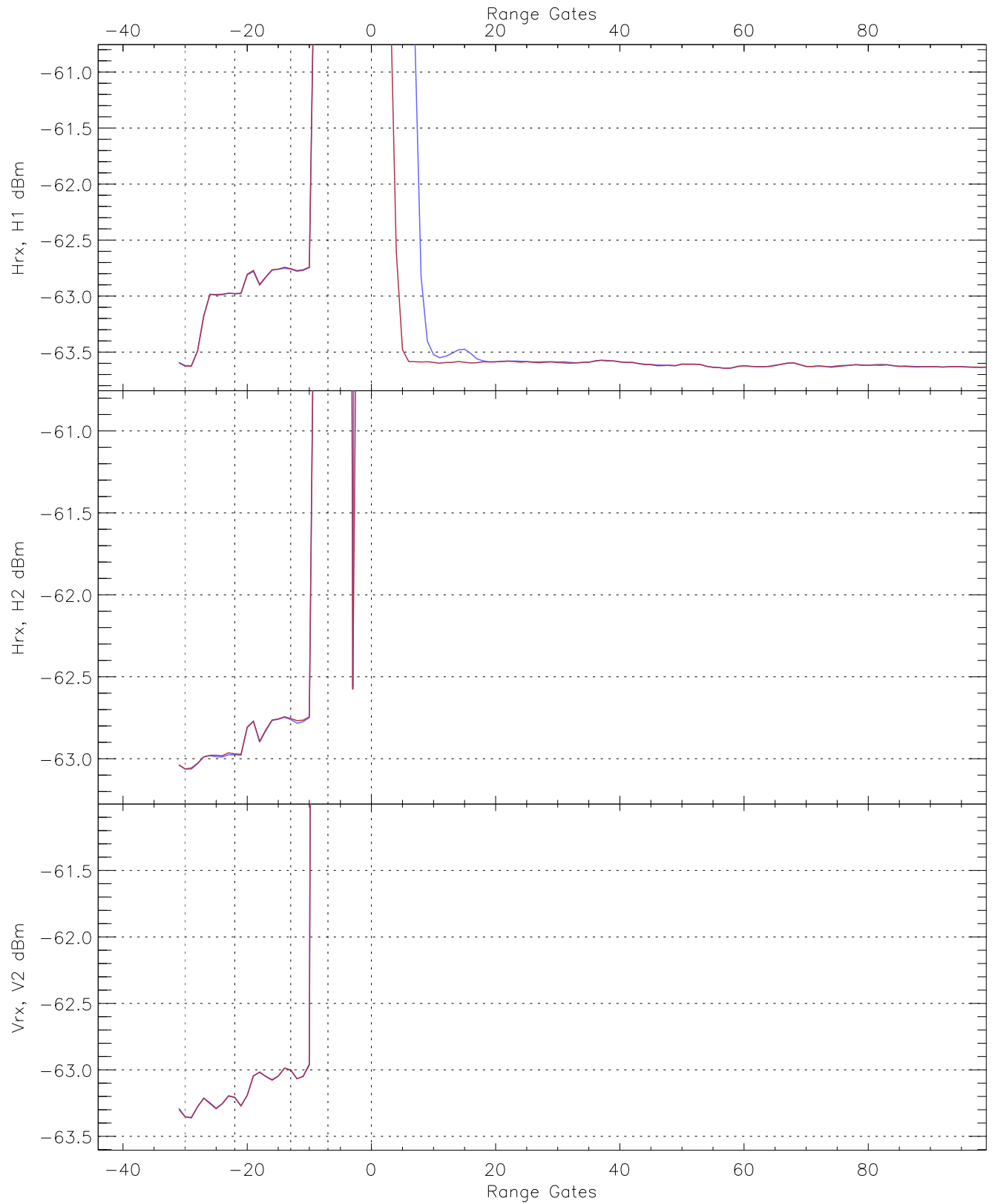


WCR2 CPP "Best" estimate Receivers Noise Power

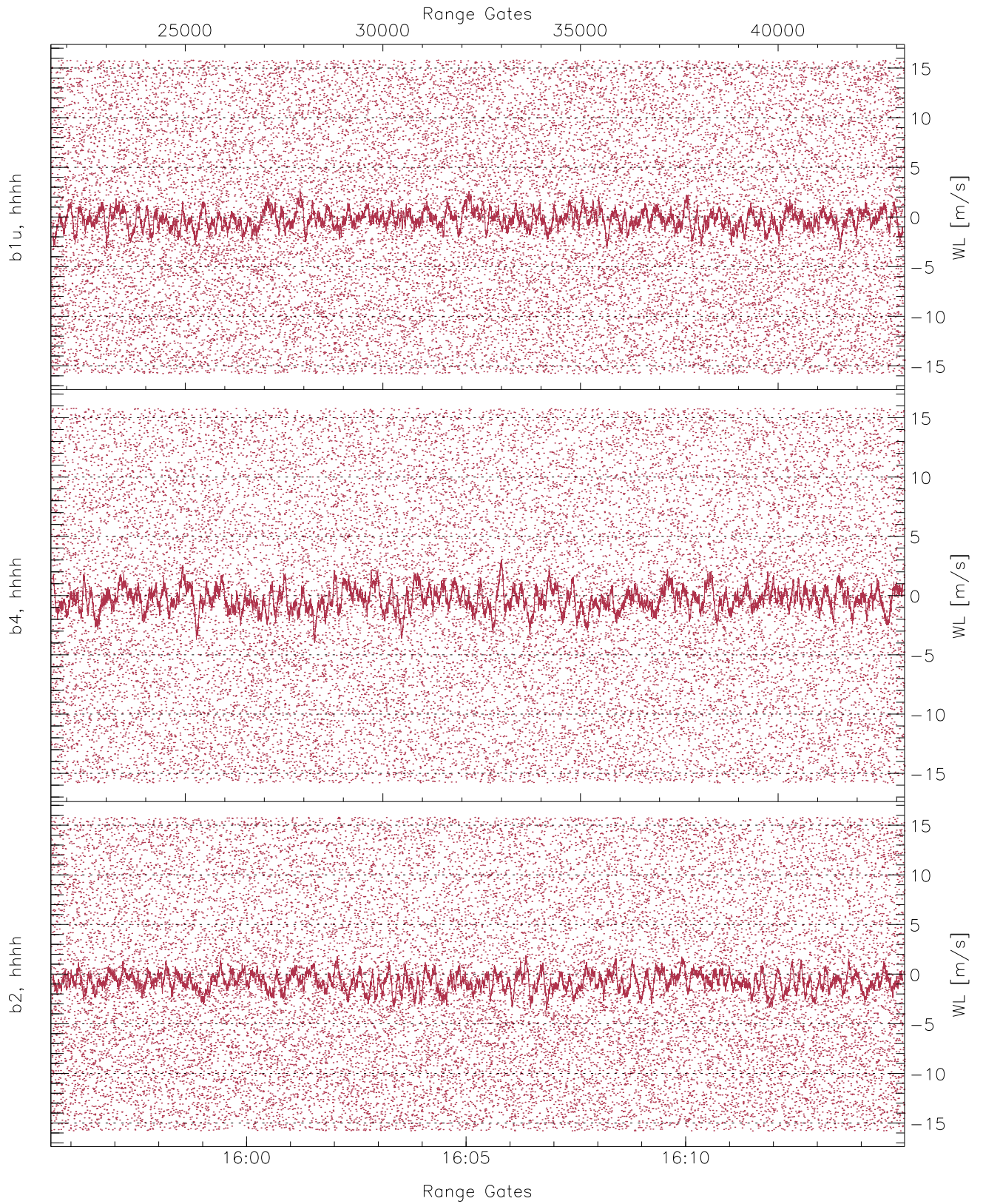
| | Min | Max | Mean | Median | StDev |
|-----------------|--------|--------|--------|--------|--------|
| H1RG57_0 [dBm] | -64.57 | -62.68 | -63.64 | -63.65 | -76.37 |
| H2RG270_0 [dBm] | -64.11 | -62.20 | -63.07 | -63.08 | -75.77 |
| V2RG369_0 [dBm] | -64.50 | -62.52 | -63.40 | -63.41 | -76.07 |



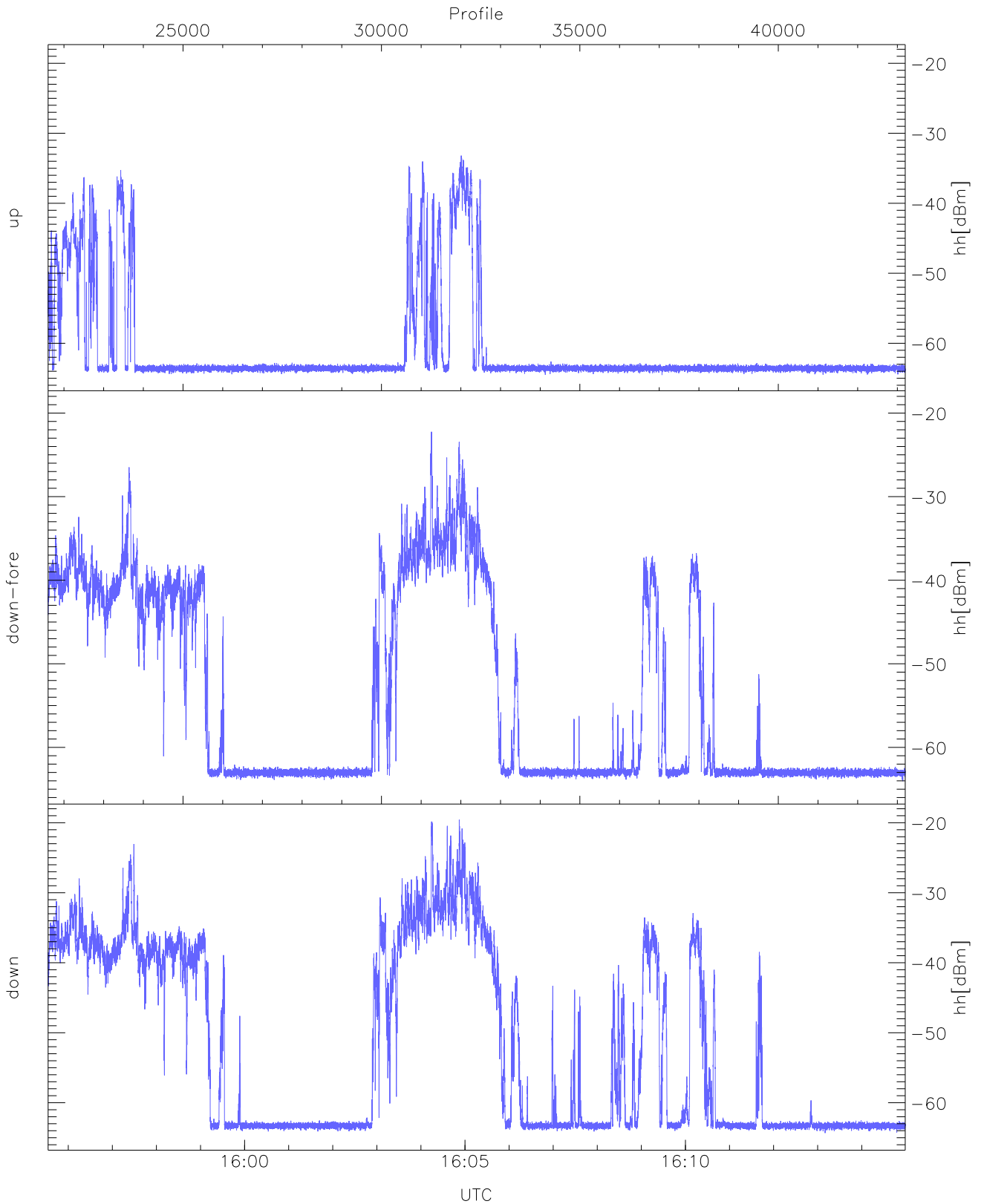
WCR2 CPP Averaged Received power for all recorded gates
blue: 155533-160516, 10801 profiles averaged
red: 160516-161459, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 155533-160516, 10801 profiles averaged
red: 160516-161459, 10800 profiles averaged

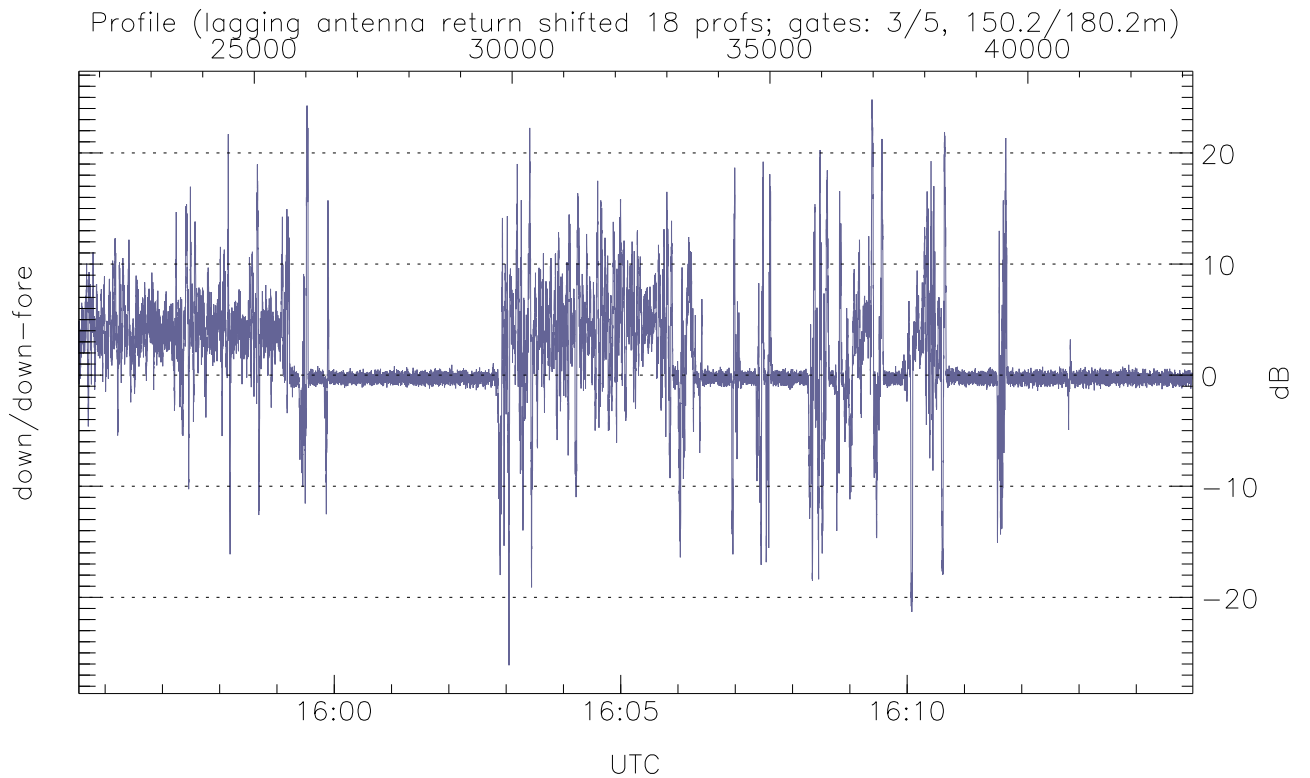
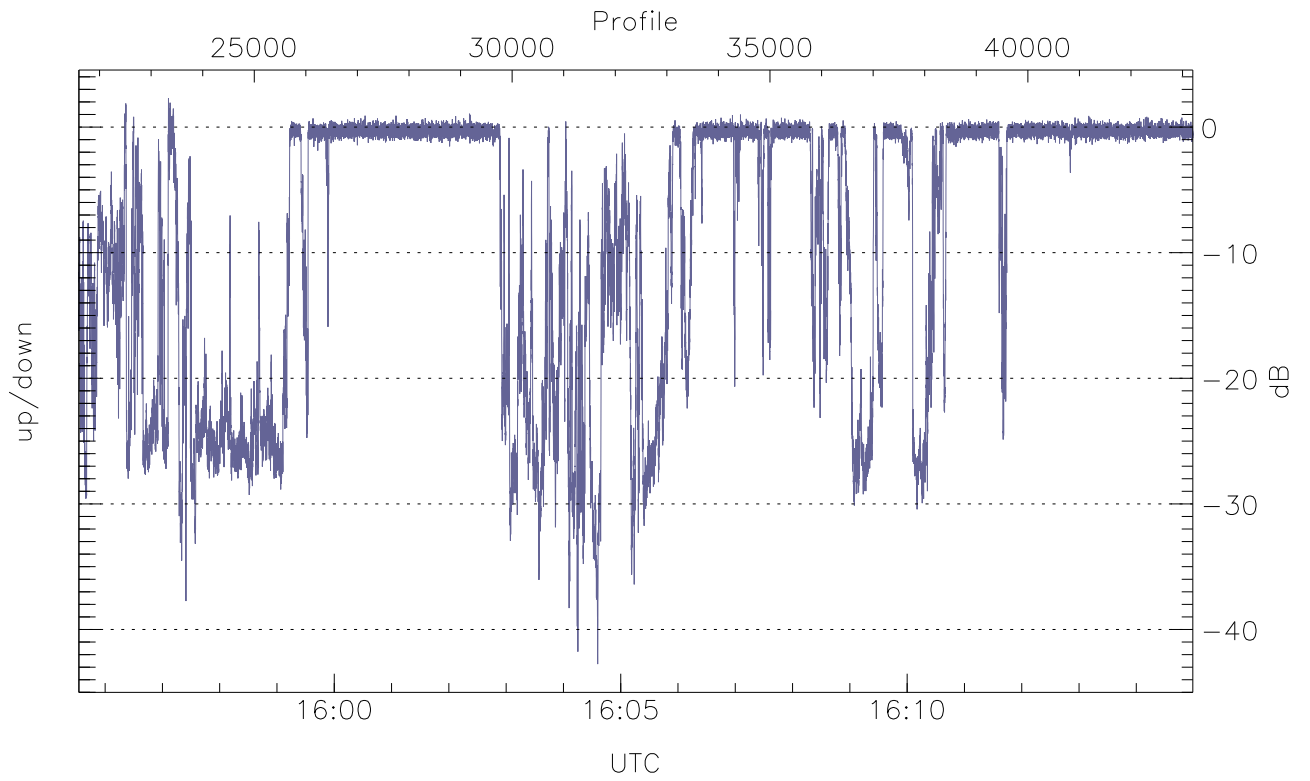


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



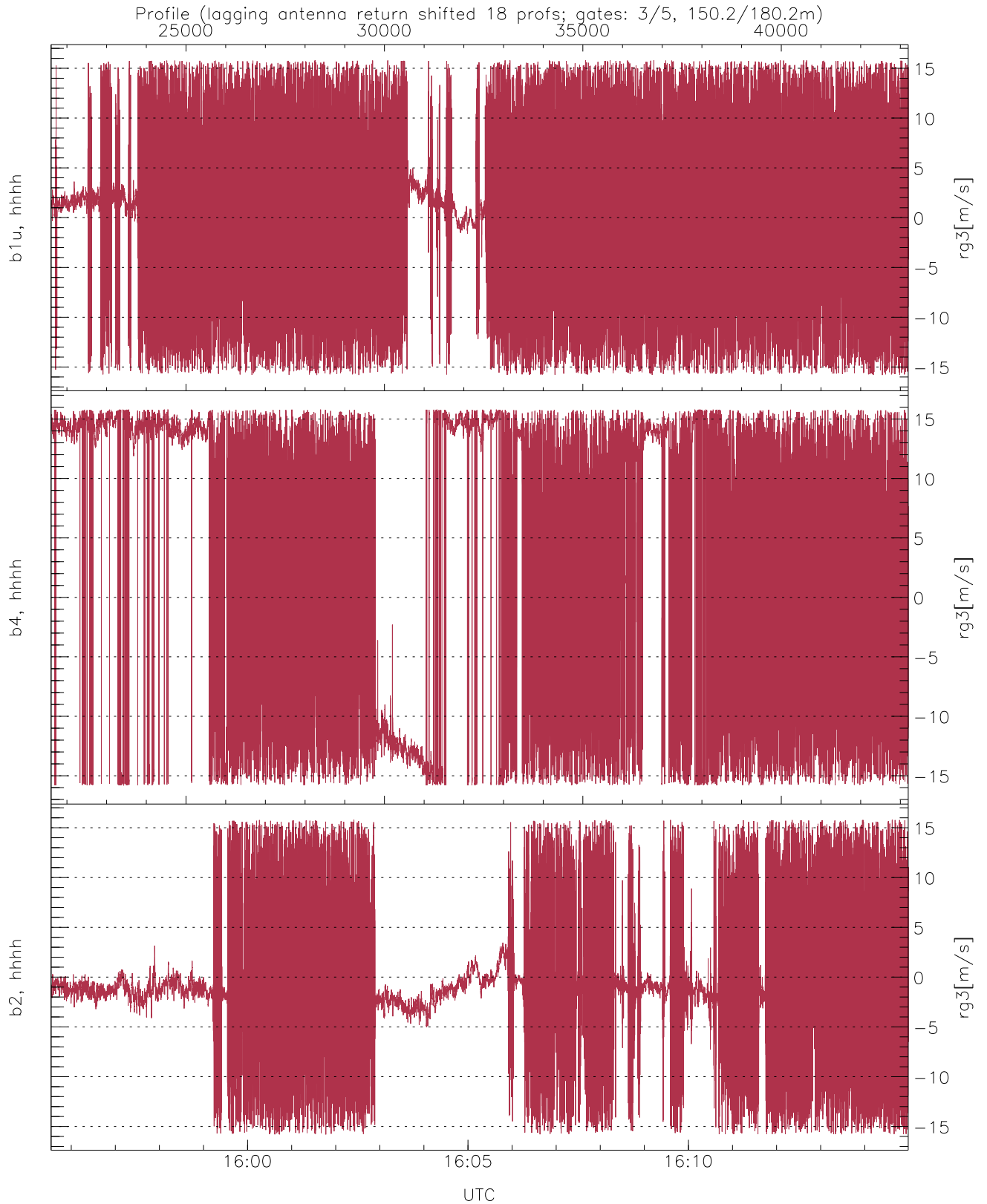
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

| | Min | Max | Mean |
|--------------------|--------|--------|--------|
| up(hh[dBm]) | -64.53 | -33.19 | -50.18 |
| down-fore(hh[dBm]) | -64.03 | -22.24 | -41.42 |
| down(hh[dBm]) | -64.33 | -19.58 | -37.81 |



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

| | Min | Max | Mean |
|---------------------|--------|-------|-------|
| up/down (dB) | -42.75 | 2.29 | -8.62 |
| down/down-fore (dB) | -26.11 | 24.81 | 1.48 |



WCR2 CPP Doppler Velocity Products at 150.2 m range

| | Min | Max | Mean | StDev |
|---------------------|--------|-------|-------|-------|
| b1u, hhhh(rg3[m/s]) | -15.80 | 15.80 | 0.16 | 8.34 |
| b4, hhhh(rg3[m/s]) | -15.80 | 15.80 | 2.83 | 11.29 |
| b2, hhhh(rg3[m/s]) | -15.80 | 15.79 | -0.83 | 6.44 |