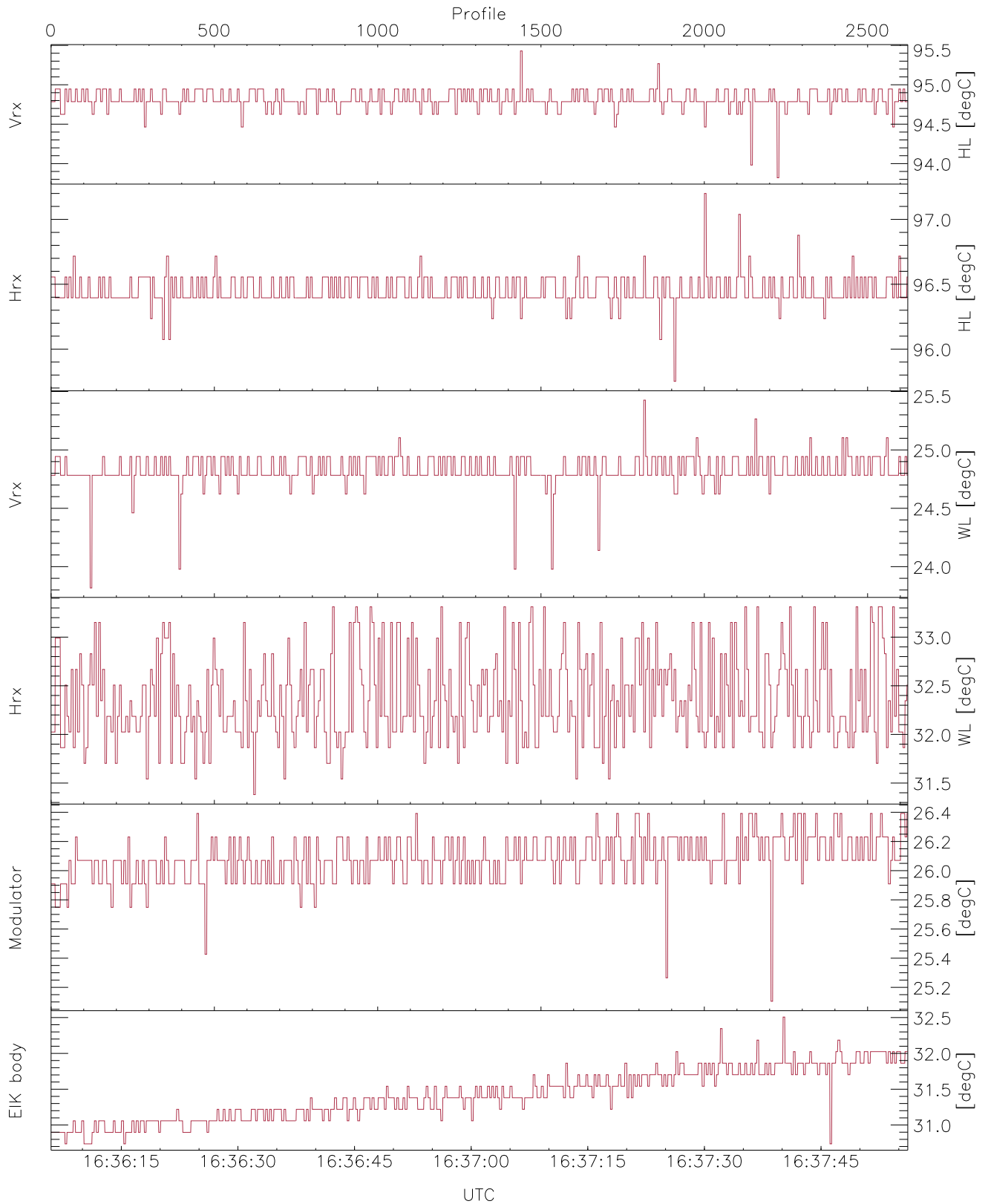


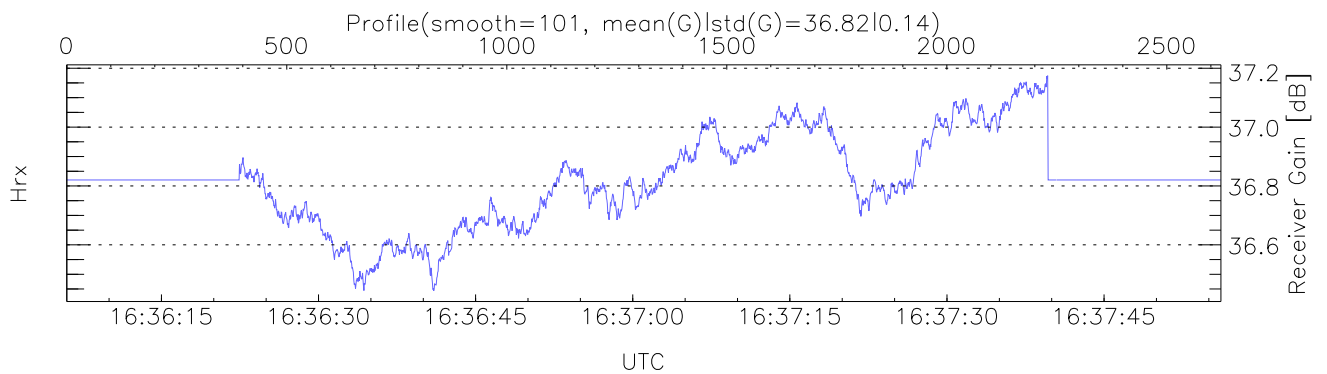
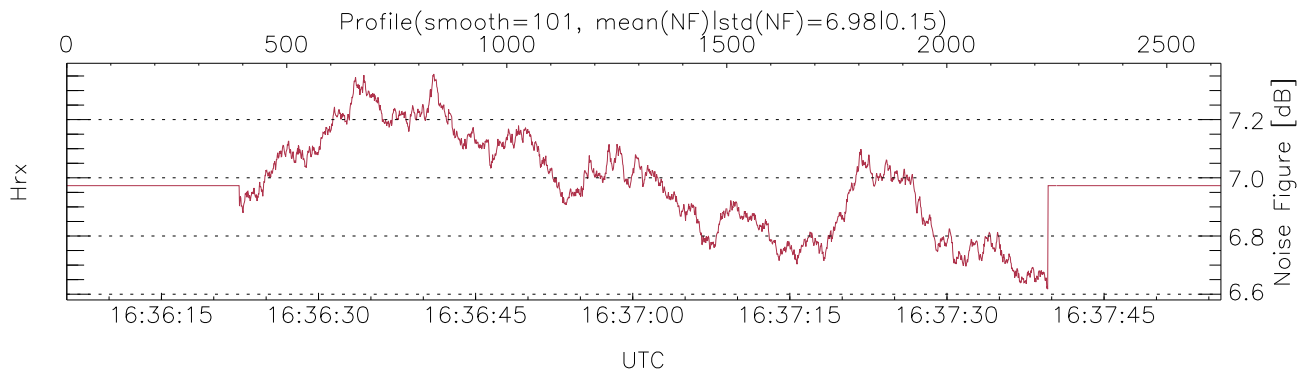
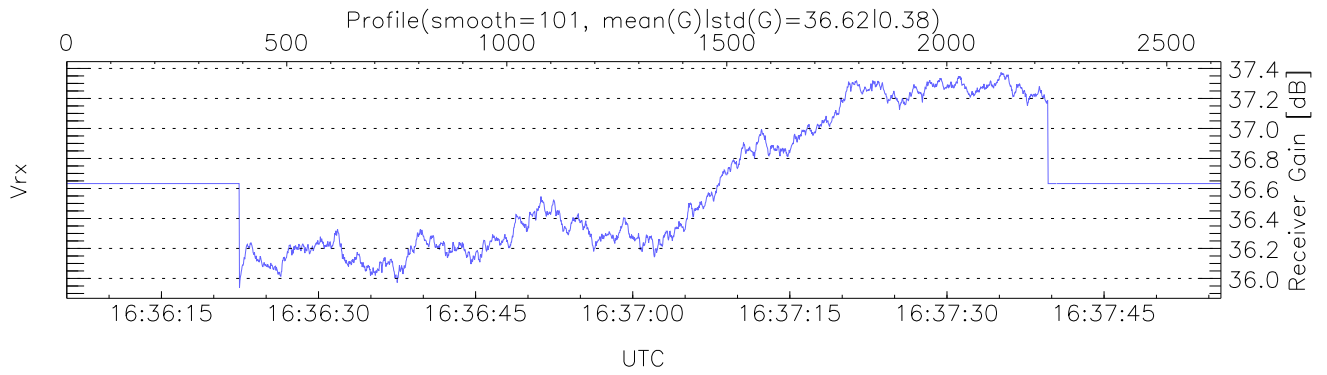
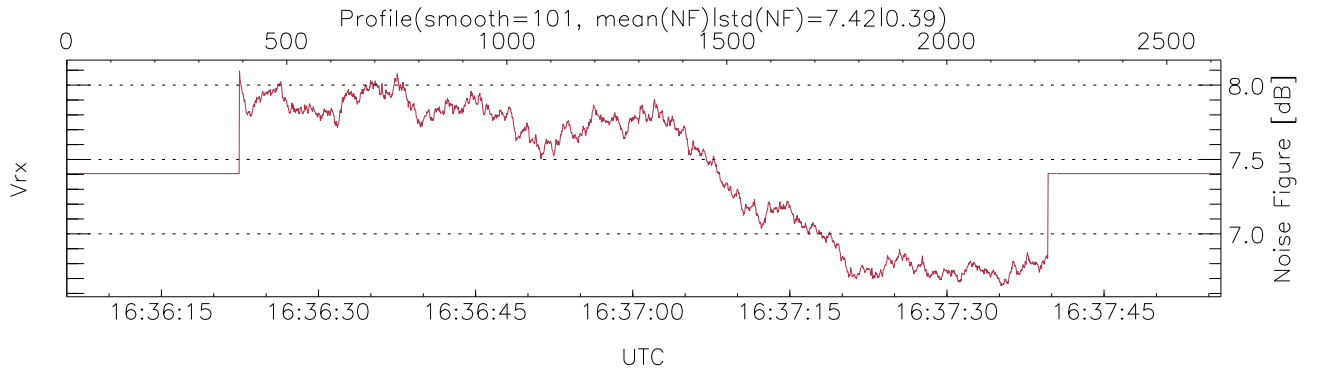
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

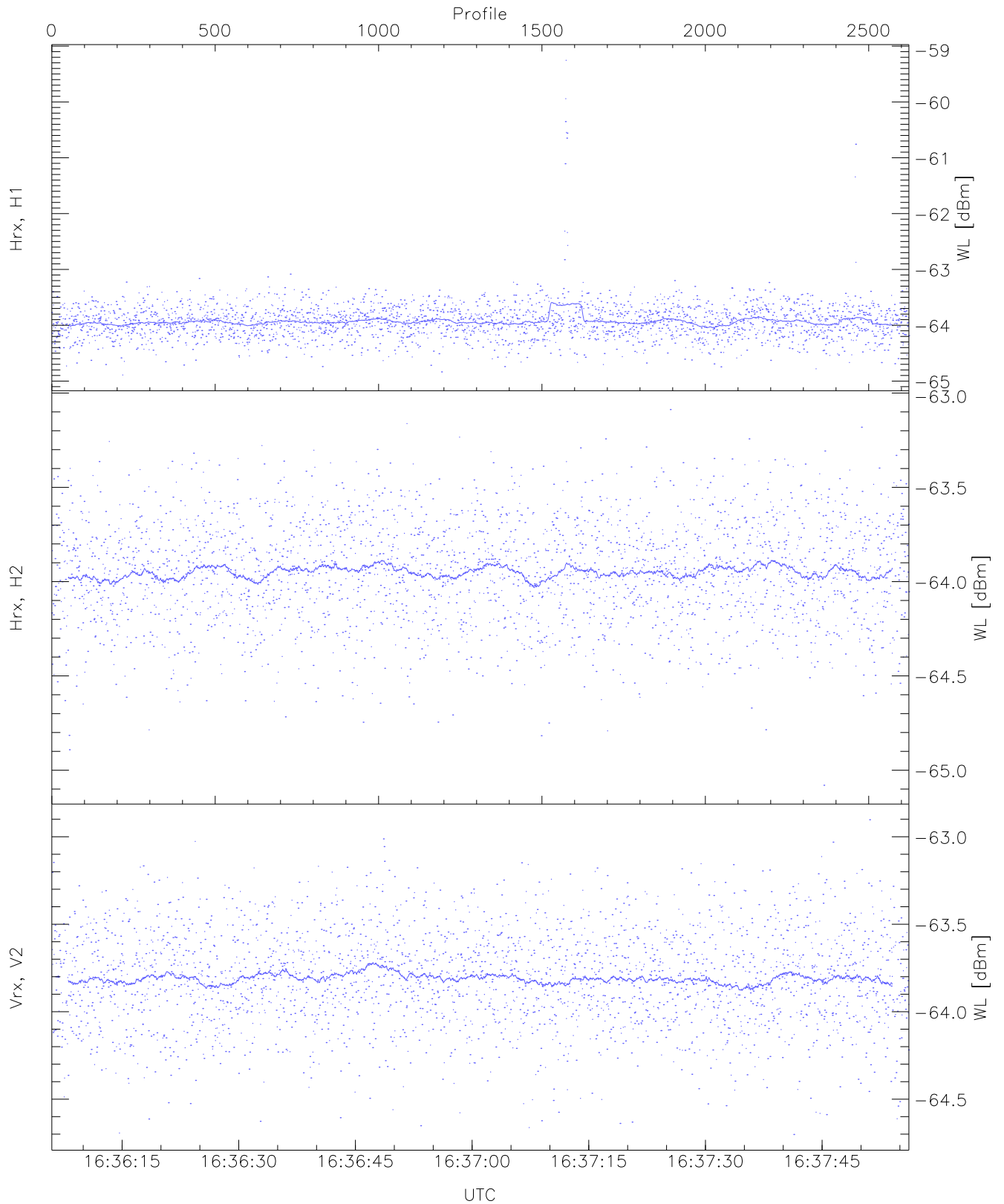
UTC: 16:36:06-16:37:56, Dur: 110.19s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 2624/2624, 0-2623/16:36:06-16:37:56
 AcqTime: 42.0ms, Rate: 210KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,3183,15.0 m, Gates: 206, Aspect: 4.0
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 0



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

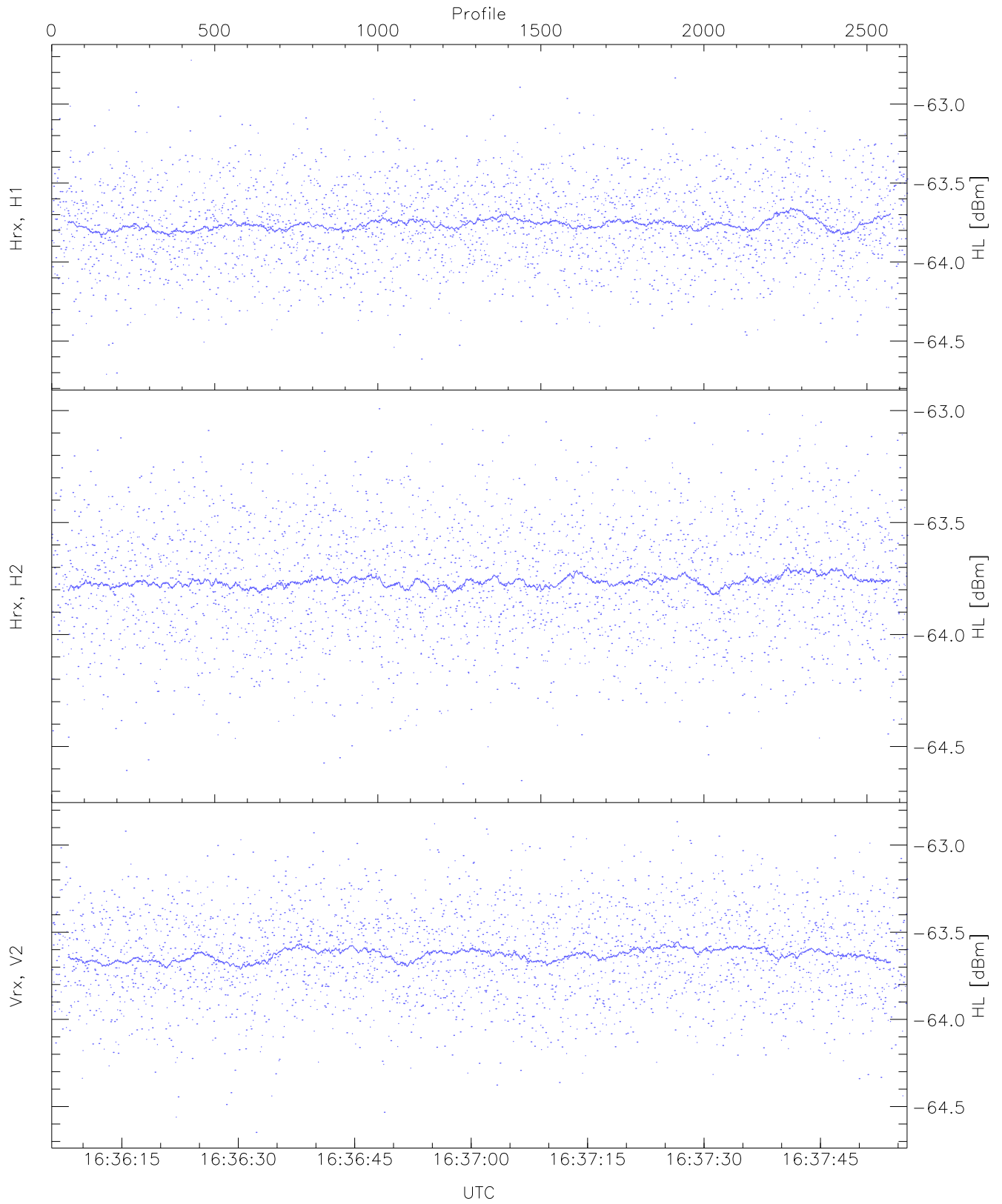
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,31,25,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,97,25,33,26,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None





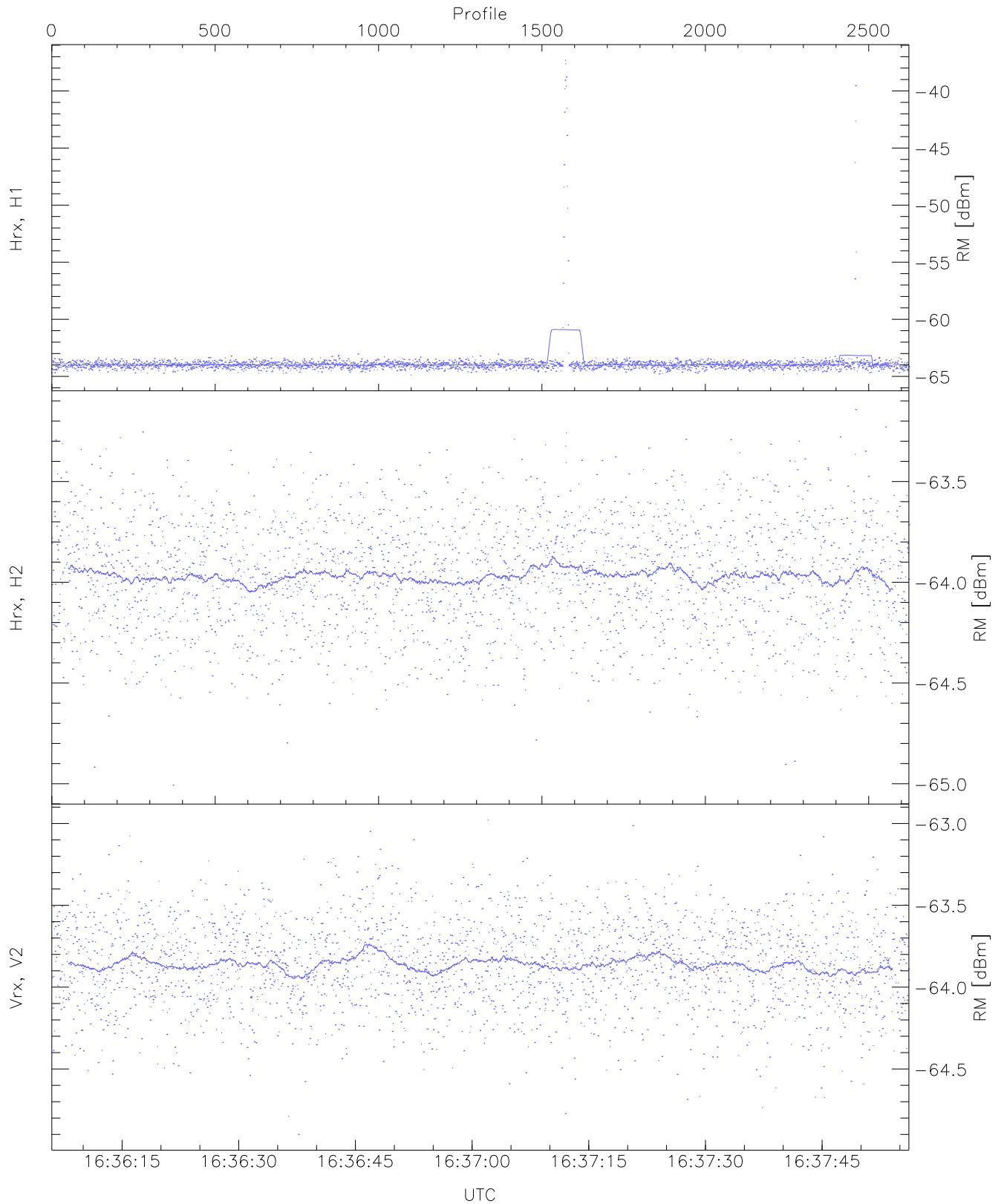
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.89 | -59.25 | -63.92 | -63.94 | -74.05 |
| Hrx, H2 (WL [dBm]) | -65.08 | -63.09 | -63.94 | -63.94 | -76.03 |
| Vrx, V2 (WL [dBm]) | -64.70 | -62.90 | -63.80 | -63.81 | -75.86 |



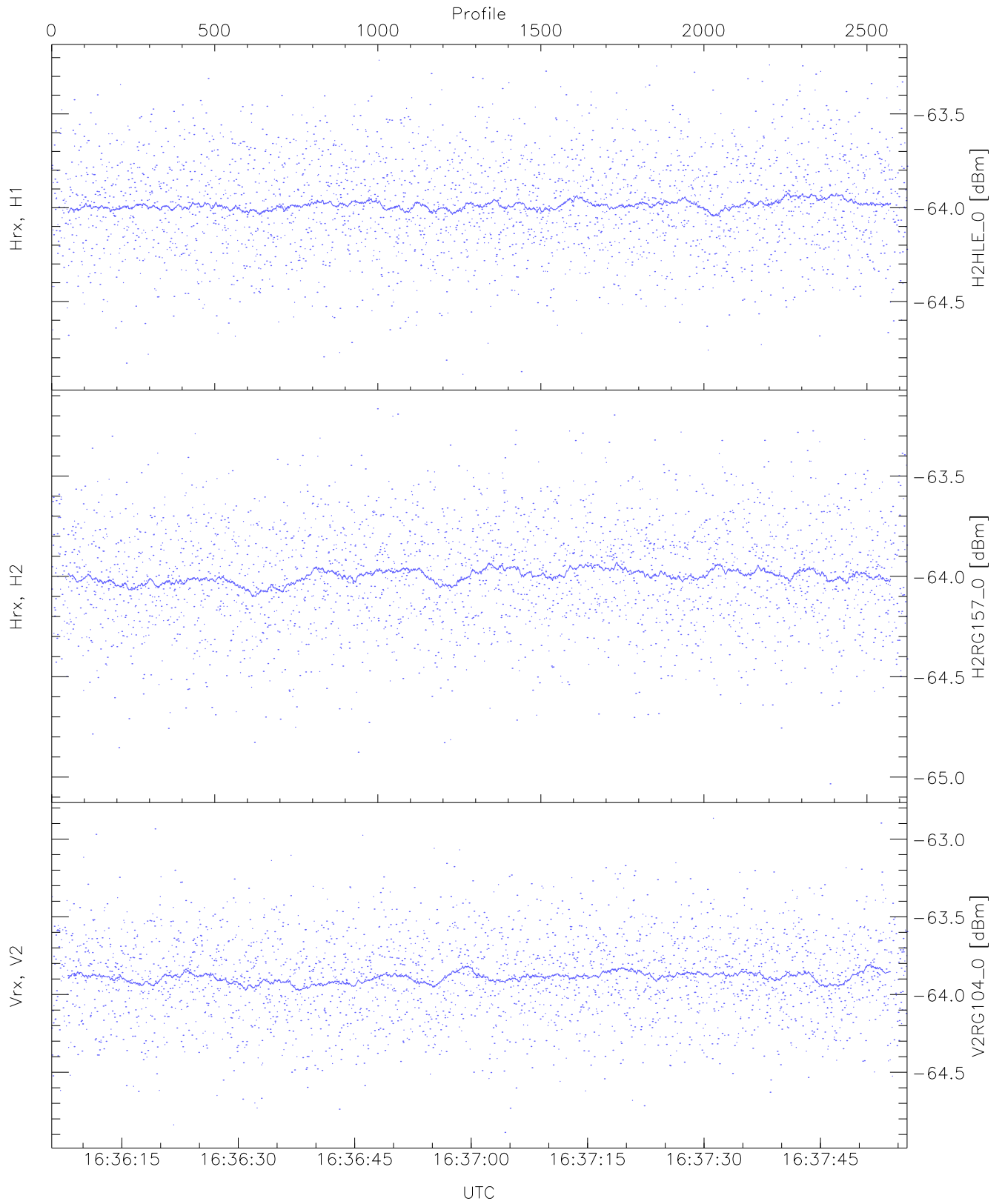
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.71 | -62.72 | -63.75 | -63.77 | -75.86 |
| Hrx, H2 (HL [dBm]) | -64.67 | -62.99 | -63.76 | -63.77 | -75.93 |
| Vrx, V2 (HL [dBm]) | -64.65 | -62.85 | -63.62 | -63.63 | -75.85 |



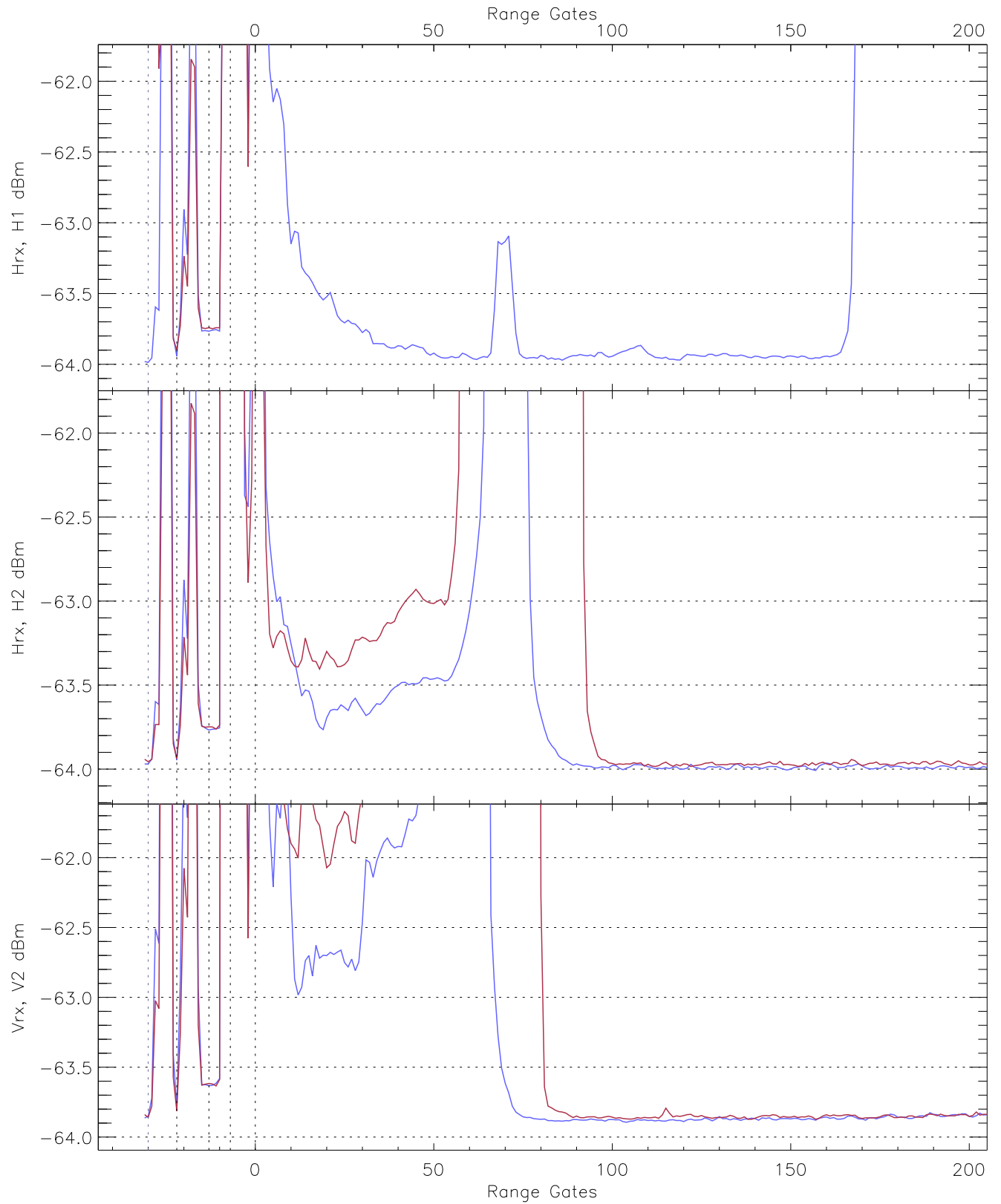
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -64.88 | -37.32 | -60.55 | -63.99 | -51.26 |
| Hrx, H2 (RM [dBm]) | -65.01 | -63.14 | -63.96 | -63.96 | -76.13 |
| Vrx, V2 (RM [dBm]) | -64.90 | -62.98 | -63.86 | -63.86 | -76.14 |

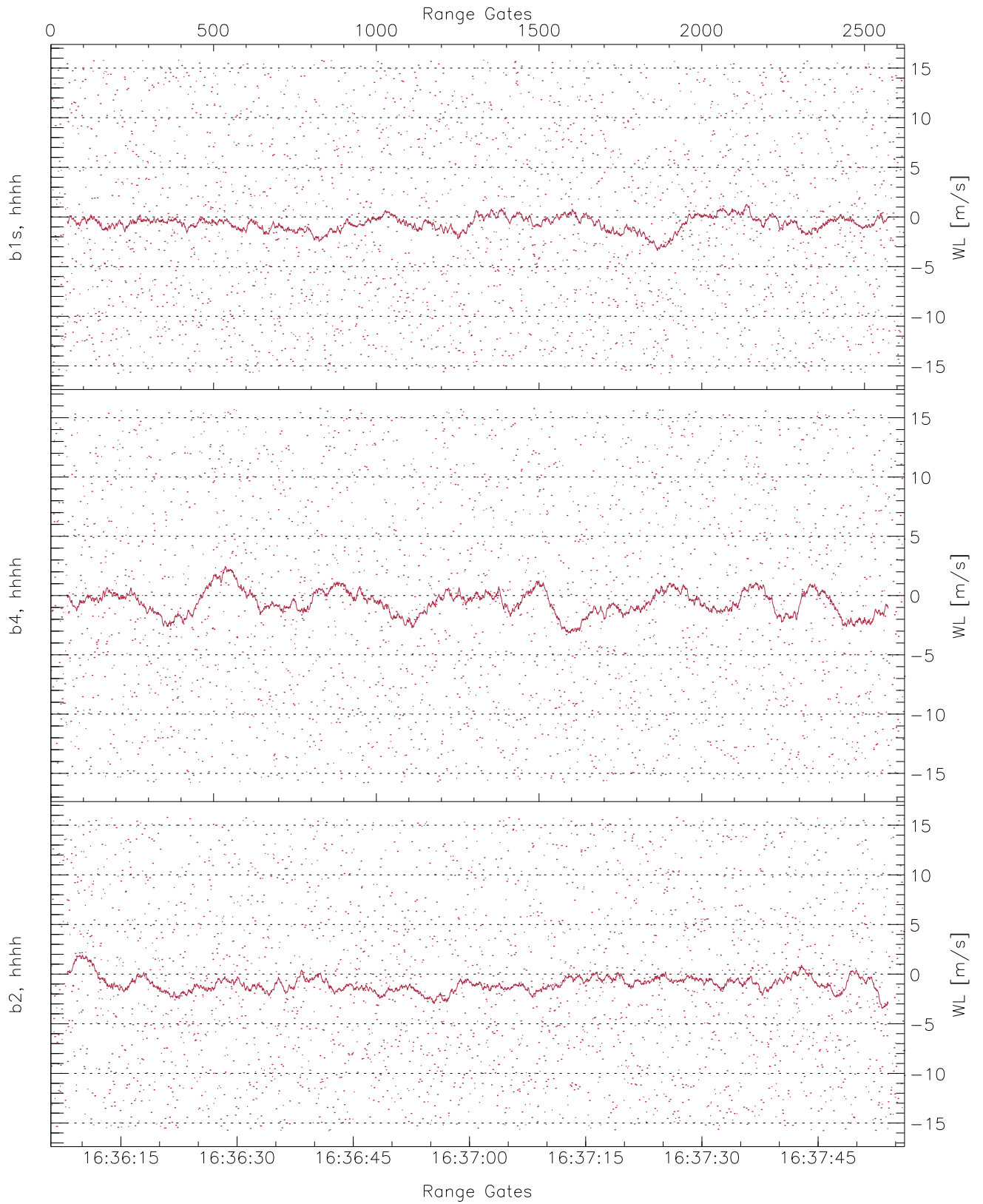


WCR2 CPP "Best" estimate Receivers Noise Power

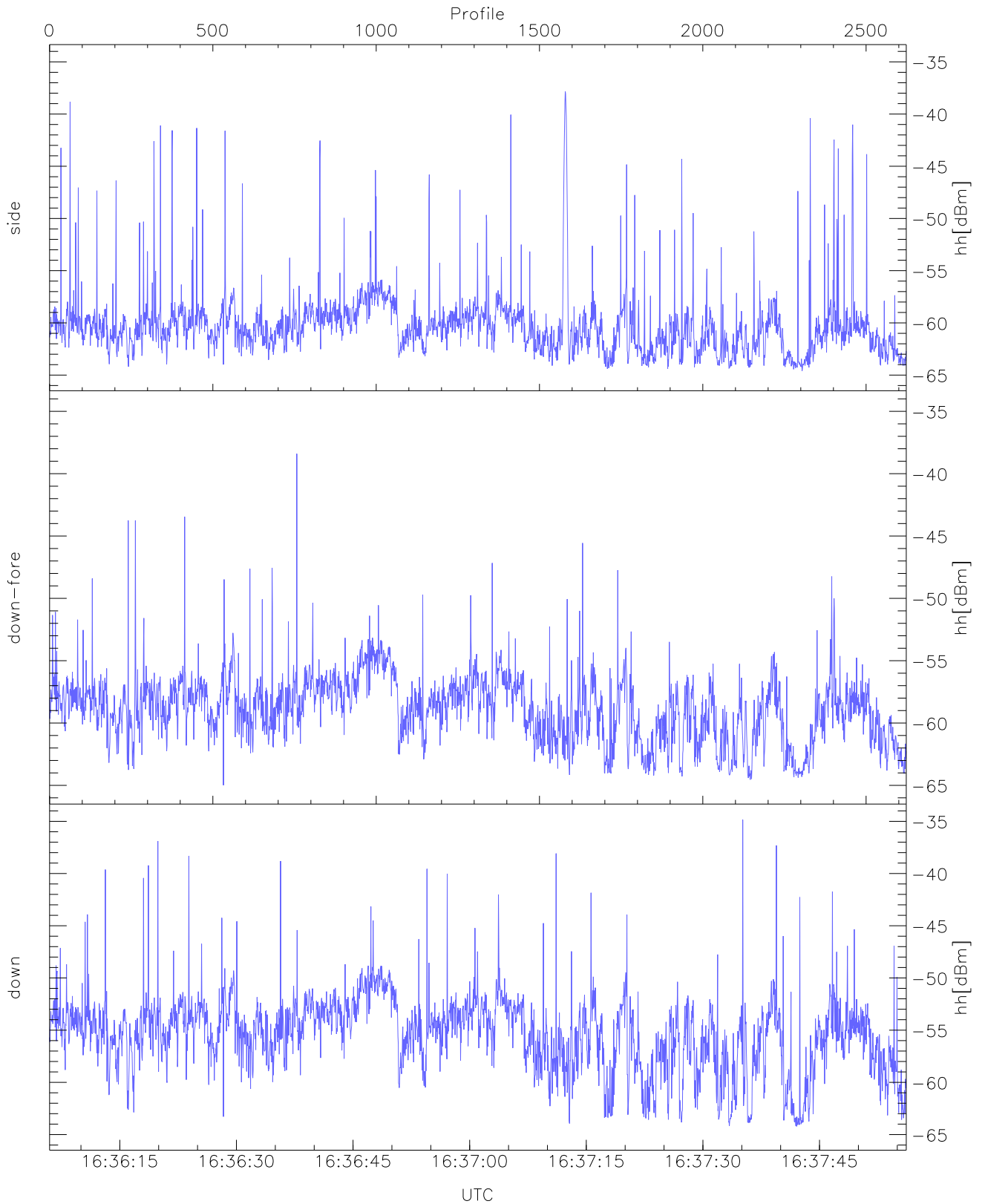
| | Min | Max | Mean | Median | StDev |
|-----------------|--------|--------|--------|--------|--------|
| H2HLE_0 [dBm] | -64.89 | -63.21 | -63.98 | -63.99 | -76.16 |
| H2RG157_0 [dBm] | -65.03 | -63.16 | -63.99 | -64.00 | -76.14 |
| V2RG104_0 [dBm] | -64.89 | -62.87 | -63.88 | -63.89 | -75.82 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 163606-163701, 1313 profiles averaged
red: 163701-163756, 1312 profiles averaged

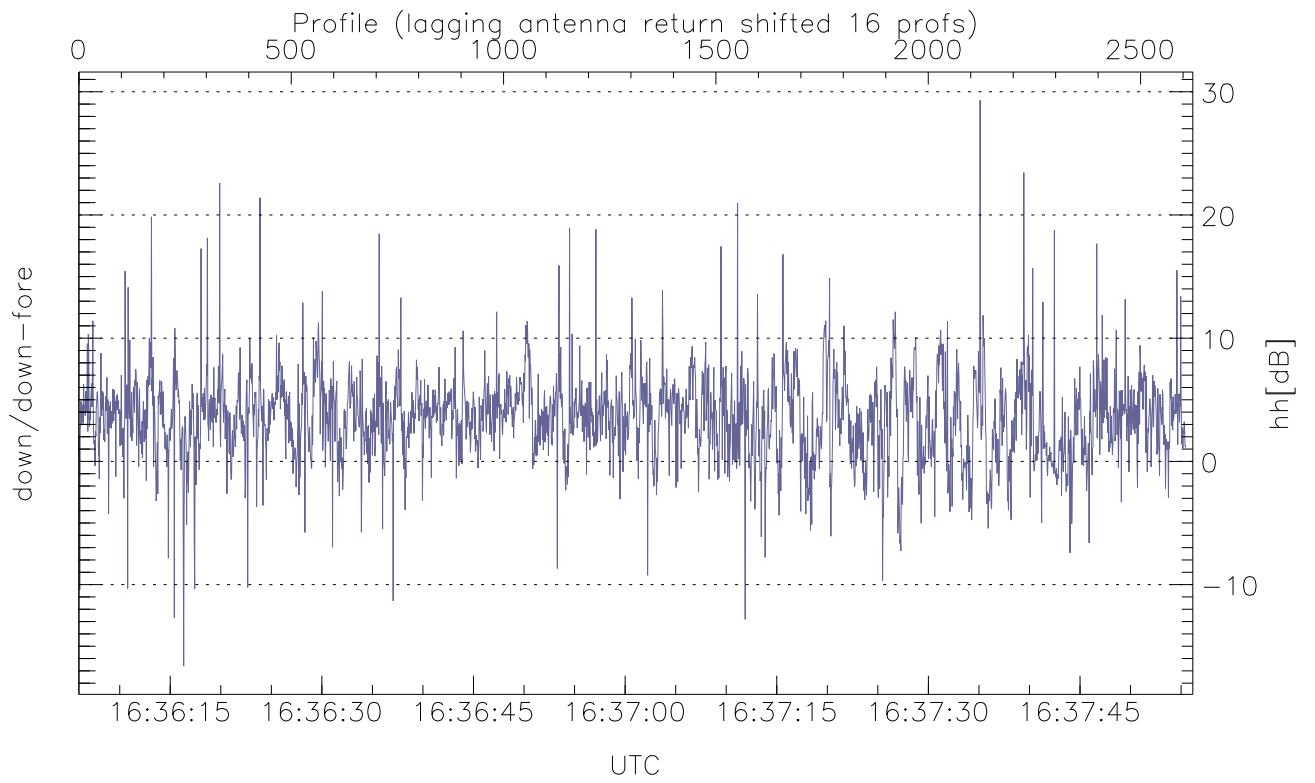


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



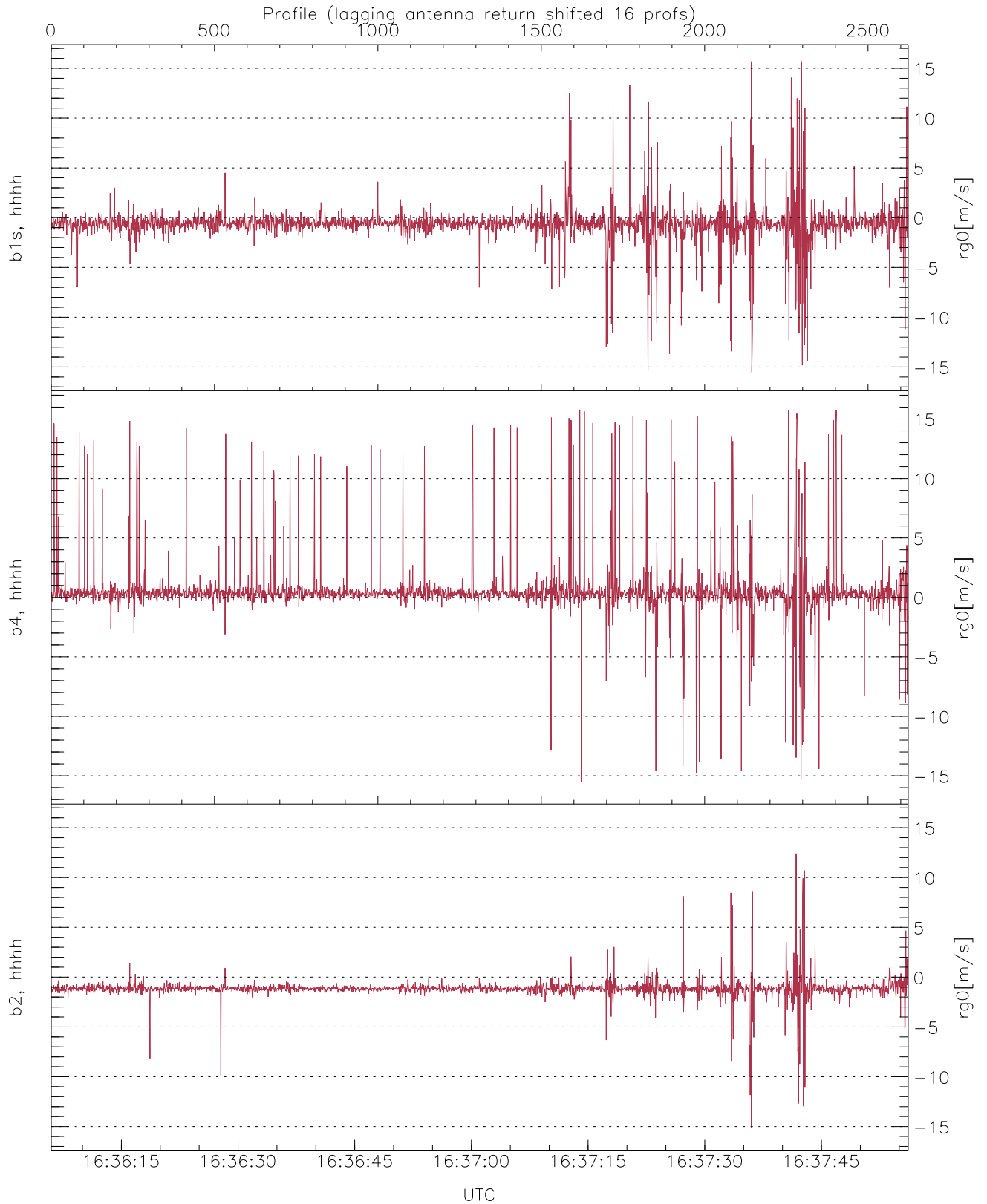
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|--------------------|--------|--------|--------|
| side(hh[dBm]) | -64.59 | -37.84 | -57.15 |
| down-fore(hh[dBm]) | -64.99 | -38.40 | -57.77 |
| down(hh[dBm]) | -64.22 | -34.85 | -53.53 |



WCR2 Received Power Ratio(s); Range gate(s) used: 0,1 (105,120 m)

| | Min | Max | Mean |
|------------------------|--------|-------|------|
| down/down-fore(hh[dB]) | -16.61 | 29.31 | 3.54 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|---------------------|--------|-------|-------|-------|
| b1s, hhhh(rg0[m/s]) | -15.52 | 15.70 | -0.70 | 2.00 |
| b4, hhhh(rg0[m/s]) | -15.48 | 15.79 | 0.59 | 2.68 |
| b2, hhhh(rg0[m/s]) | -15.08 | 12.42 | -1.17 | 1.10 |