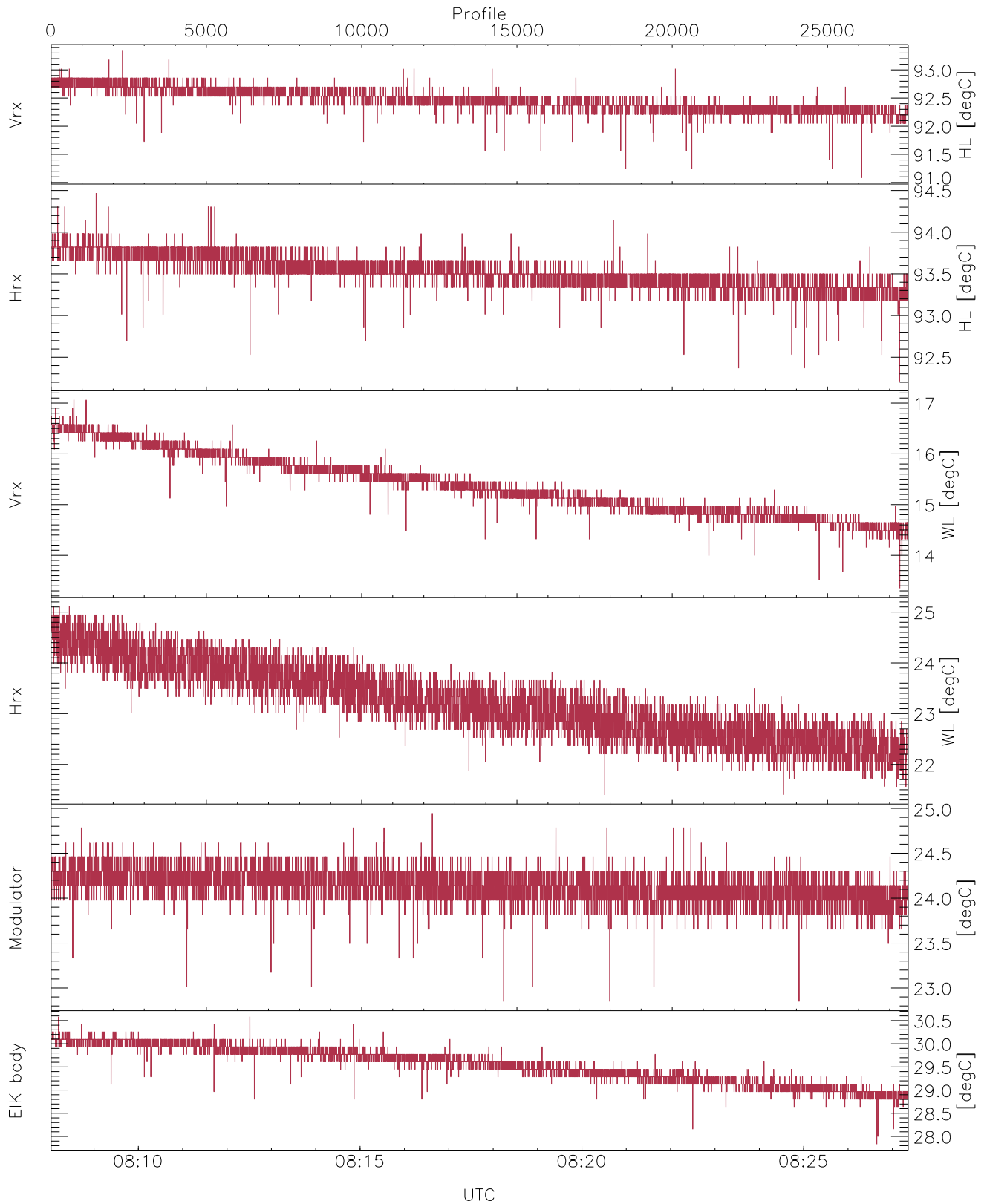


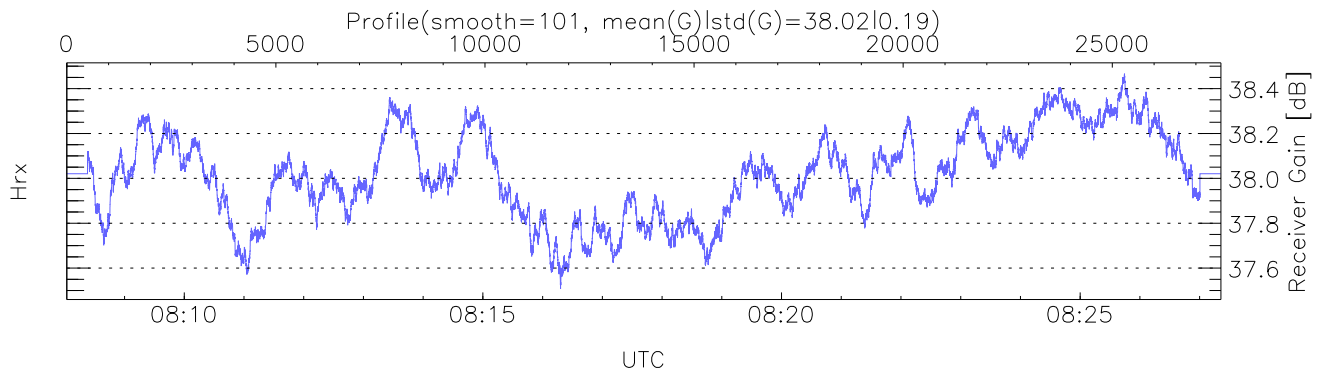
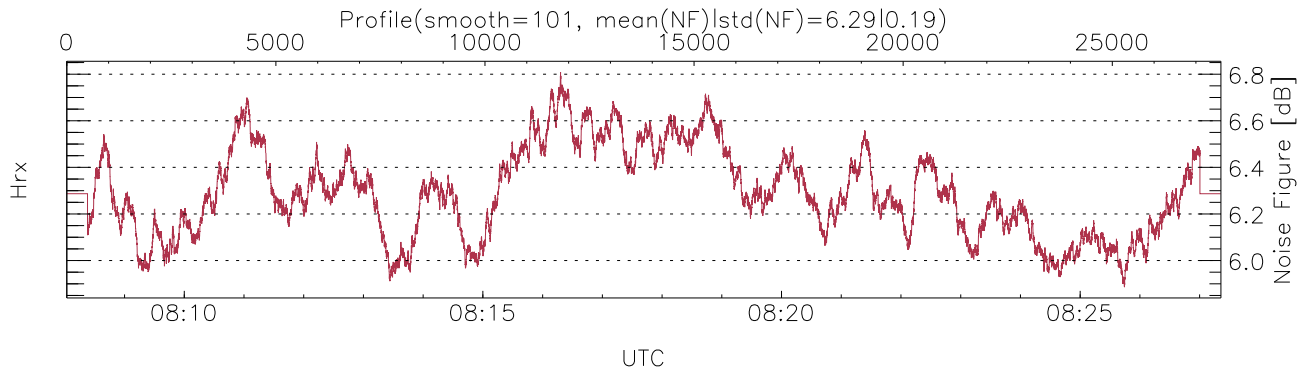
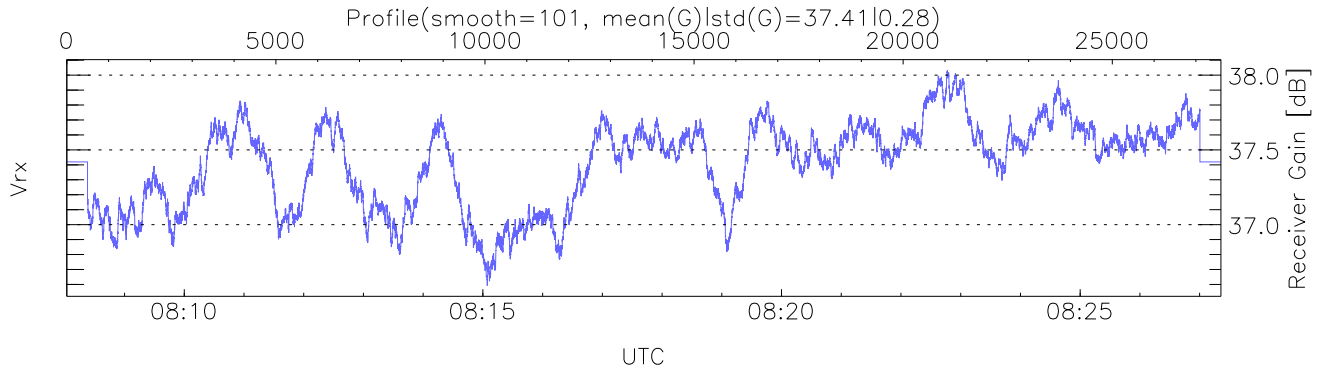
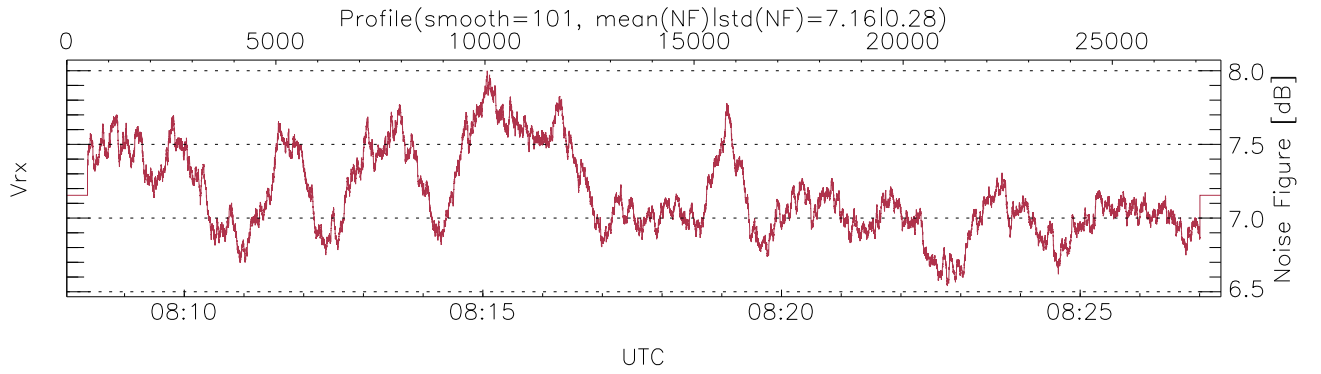
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

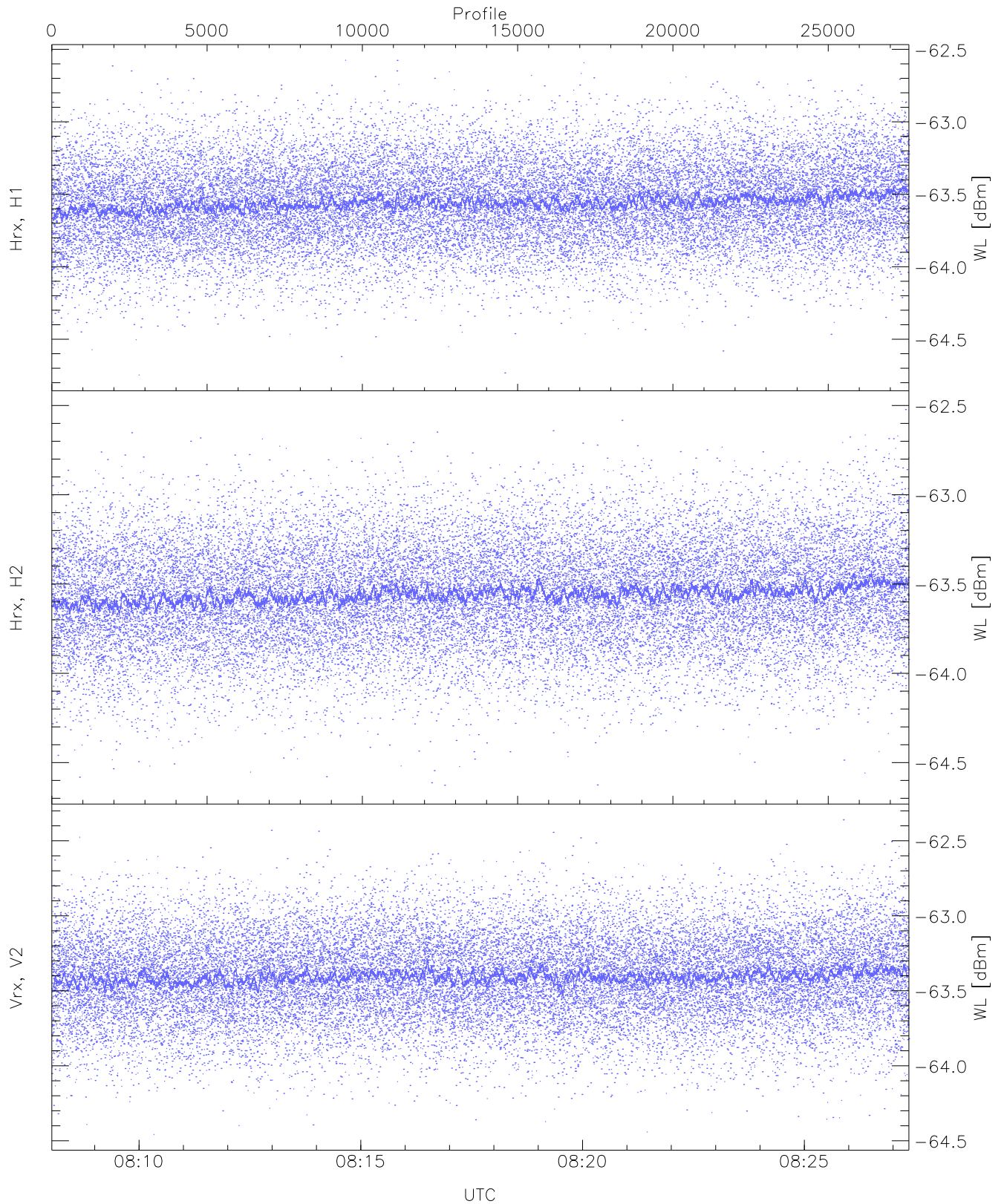
UTC: 08:08:02-08:37:57, Dur: 1795.45s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 27600/42739, 0-27599/08:08:02-08:27:21
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,6187,15.0 m, Gates: 406, Aspect: 4.0
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



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

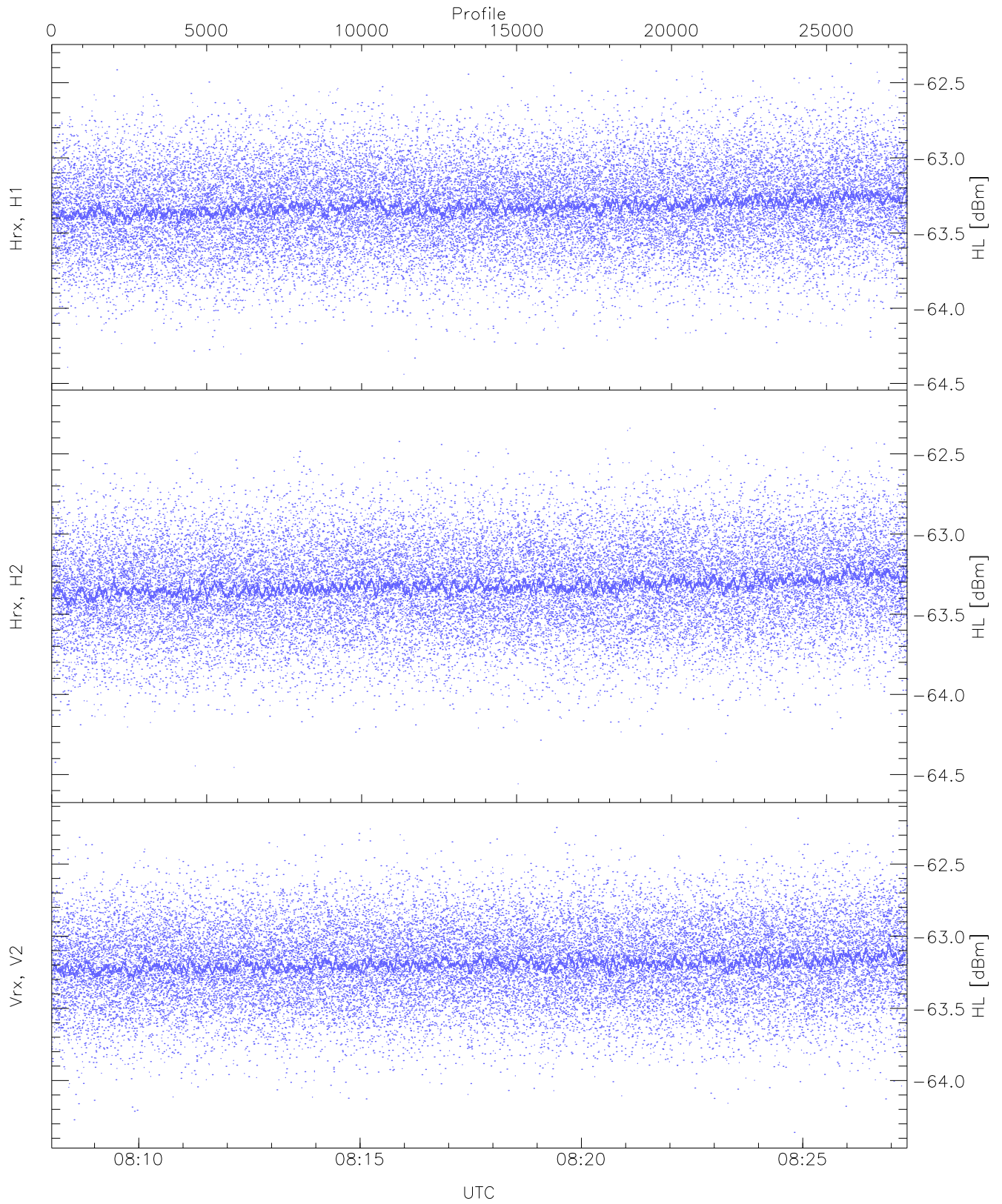
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,13,21,22,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,17,25,24,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None





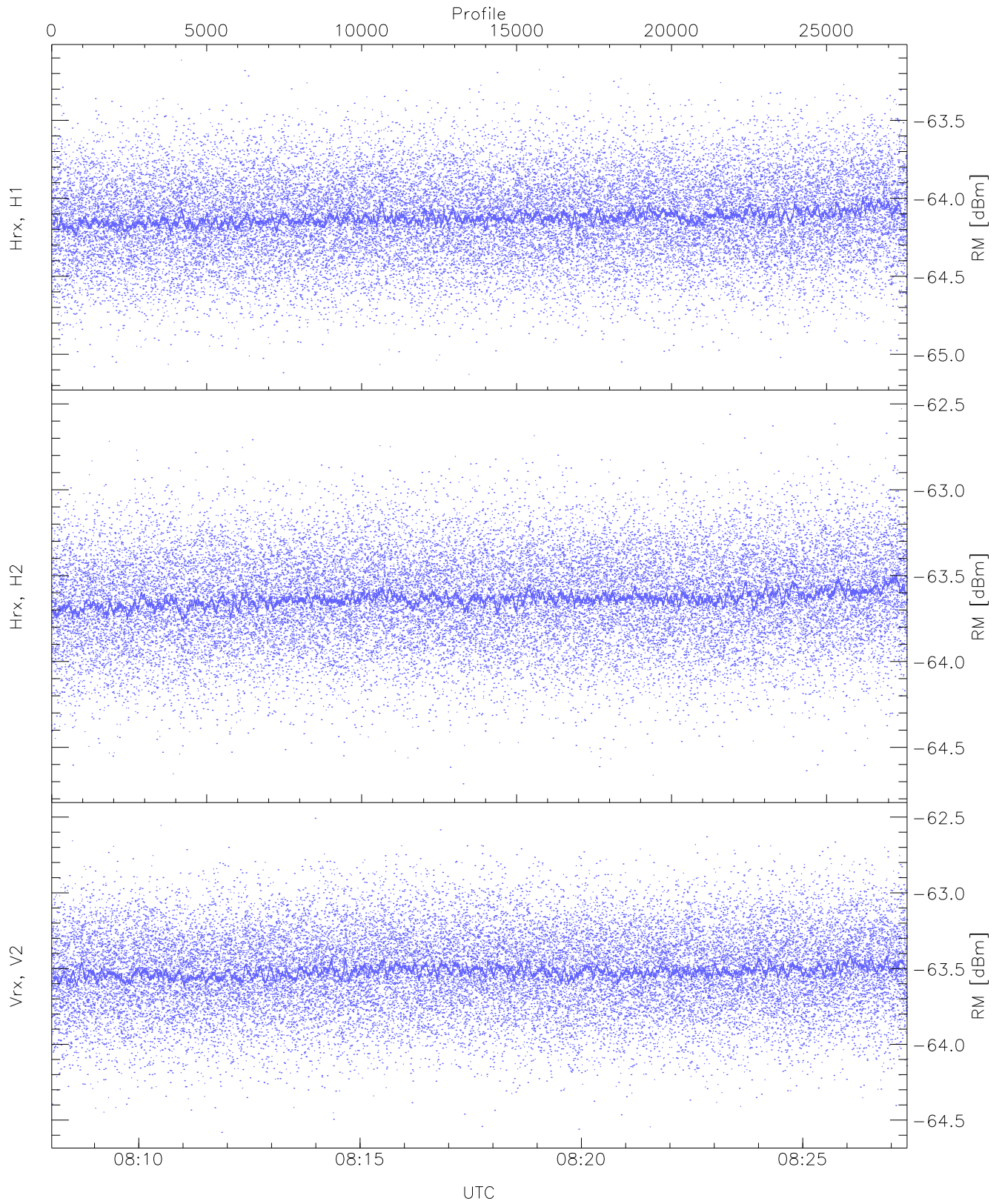
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.75 | -62.58 | -63.55 | -63.56 | -75.64 |
| Hrx, H2 (WL [dBm]) | -64.63 | -62.52 | -63.55 | -63.56 | -75.66 |
| Vrx, V2 (WL [dBm]) | -64.46 | -62.36 | -63.40 | -63.41 | -75.53 |



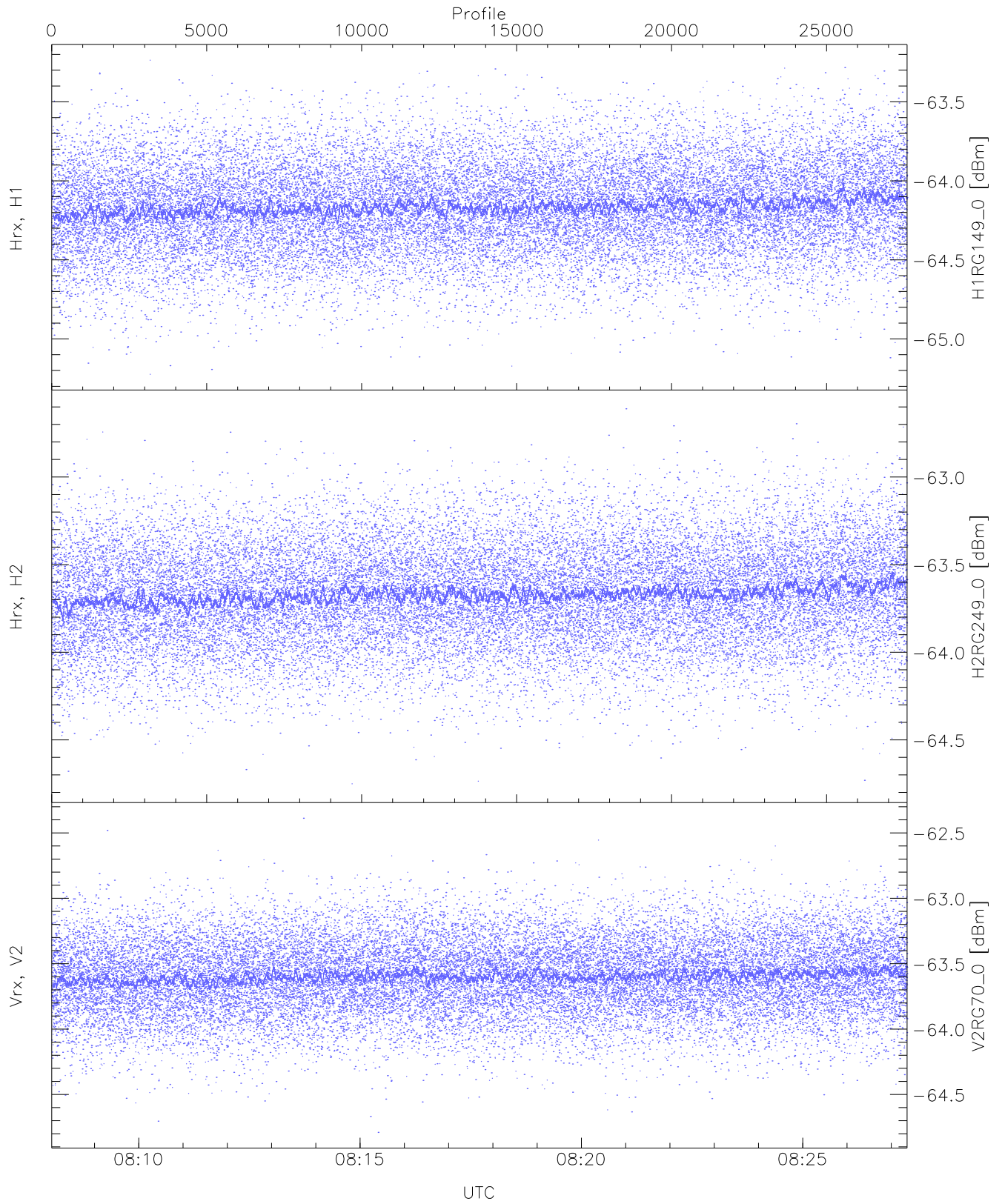
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(HL [dBm]) | -64.44 | -62.35 | -63.32 | -63.32 | -75.44 |
| Hrx, H2(HL [dBm]) | -64.56 | -62.22 | -63.32 | -63.32 | -75.45 |
| Vrx, V2(HL [dBm]) | -64.36 | -62.18 | -63.18 | -63.19 | -75.31 |



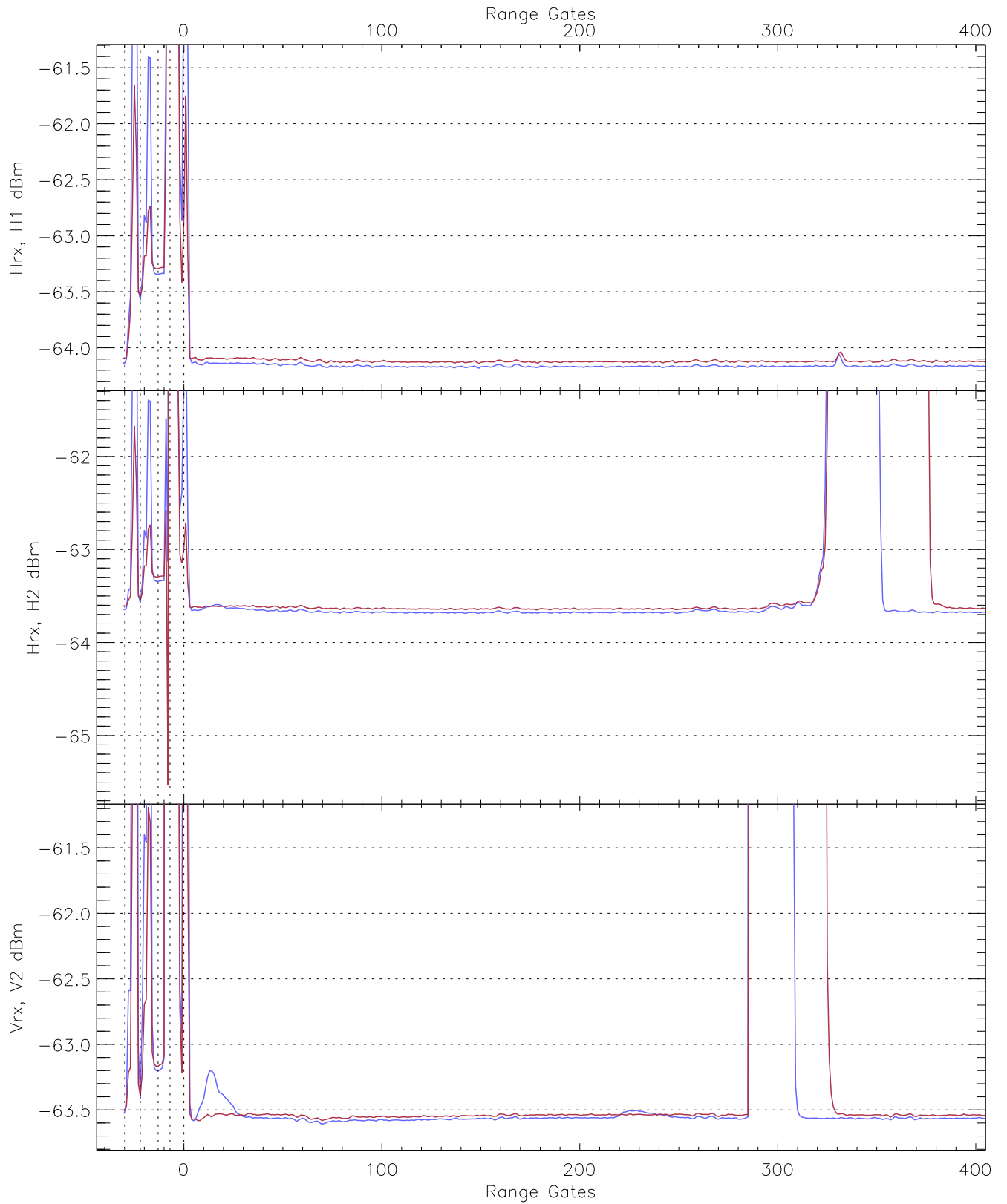
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.13 | -63.11 | -64.12 | -64.13 | -76.25 |
| Hrx, H2 (RM [dBm]) | -64.71 | -62.53 | -63.63 | -63.63 | -75.75 |
| Vrx, V2 (RM [dBm]) | -64.58 | -62.51 | -63.51 | -63.52 | -75.63 |

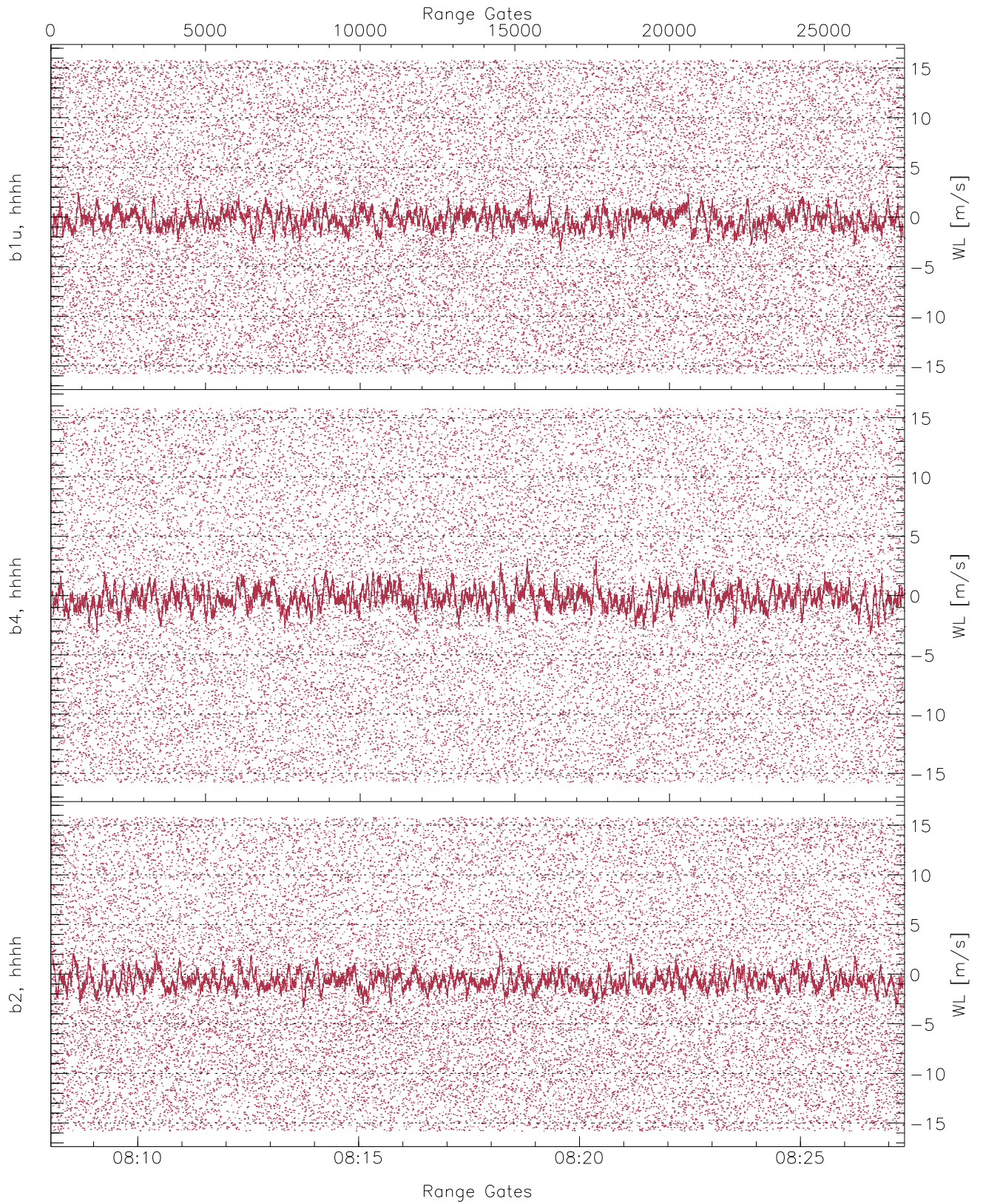


WCR2 CPP "Best" estimate Receivers Noise Power

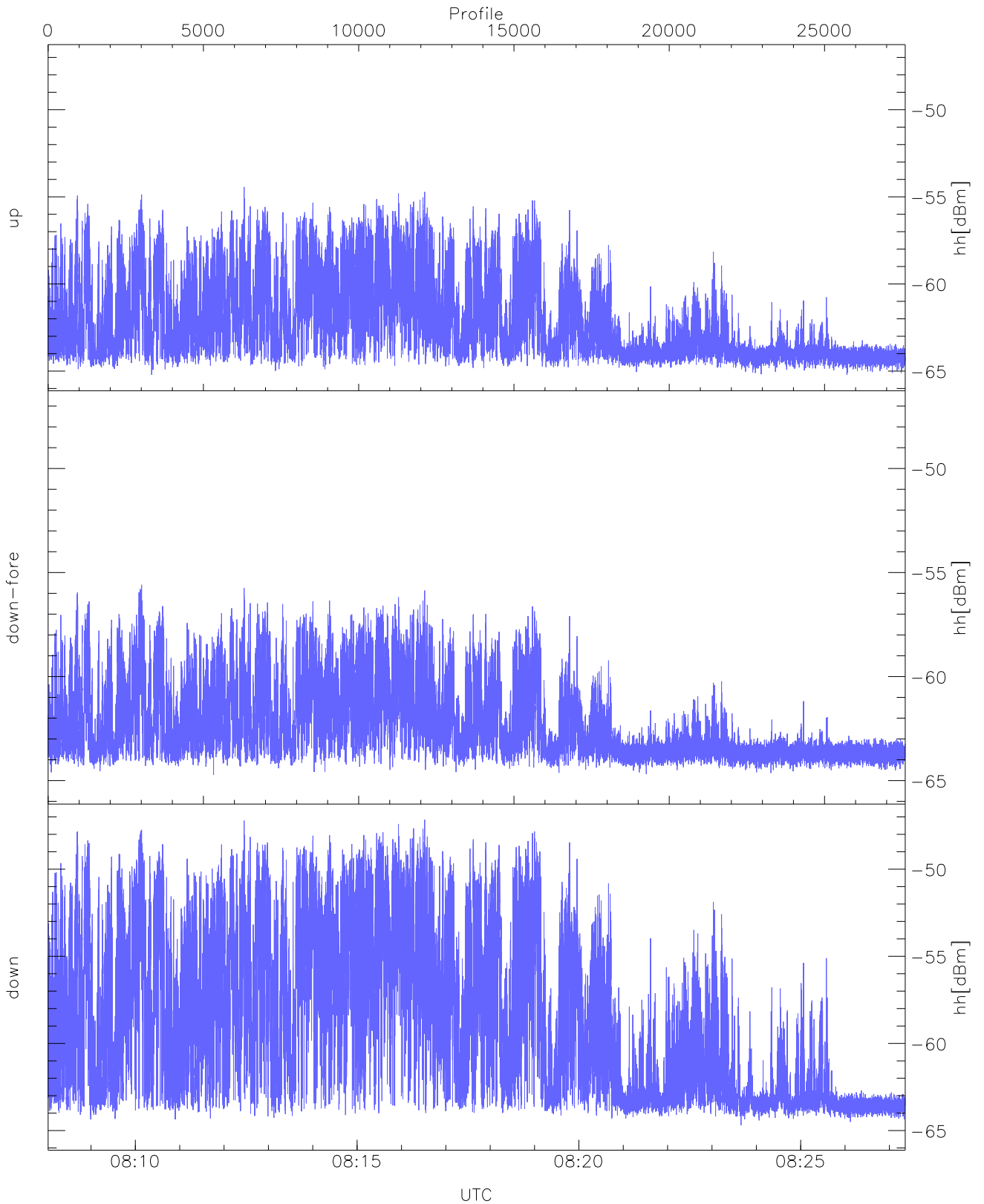
| | Min | Max | Mean | Median | StDev |
|-----------------|--------|--------|--------|--------|--------|
| H1RG149_0 [dBm] | -65.22 | -63.24 | -64.16 | -64.17 | -76.29 |
| H2RG249_0 [dBm] | -64.75 | -62.61 | -63.67 | -63.67 | -75.80 |
| V2RG70_0 [dBm] | -64.79 | -62.39 | -63.59 | -63.60 | -75.71 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 080802-81741, 13801 profiles averaged
red: 81741-082721, 13800 profiles averaged

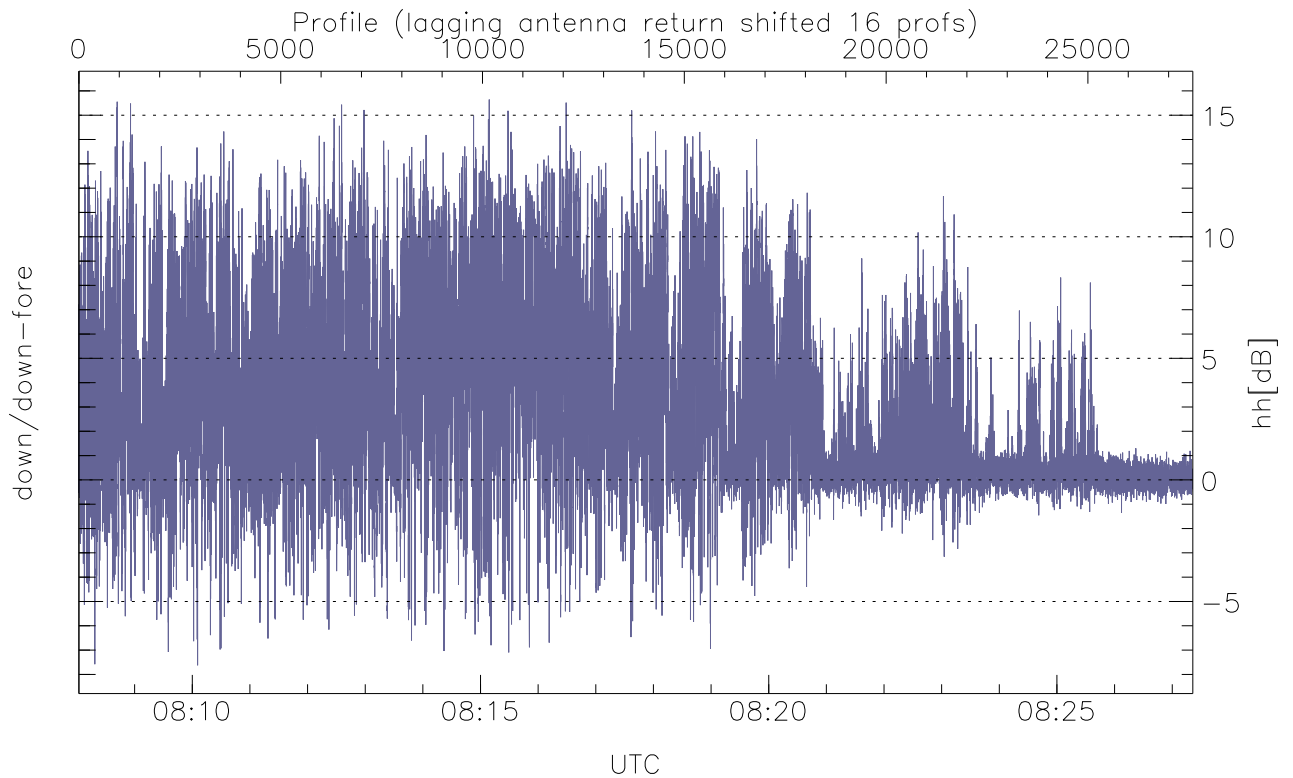
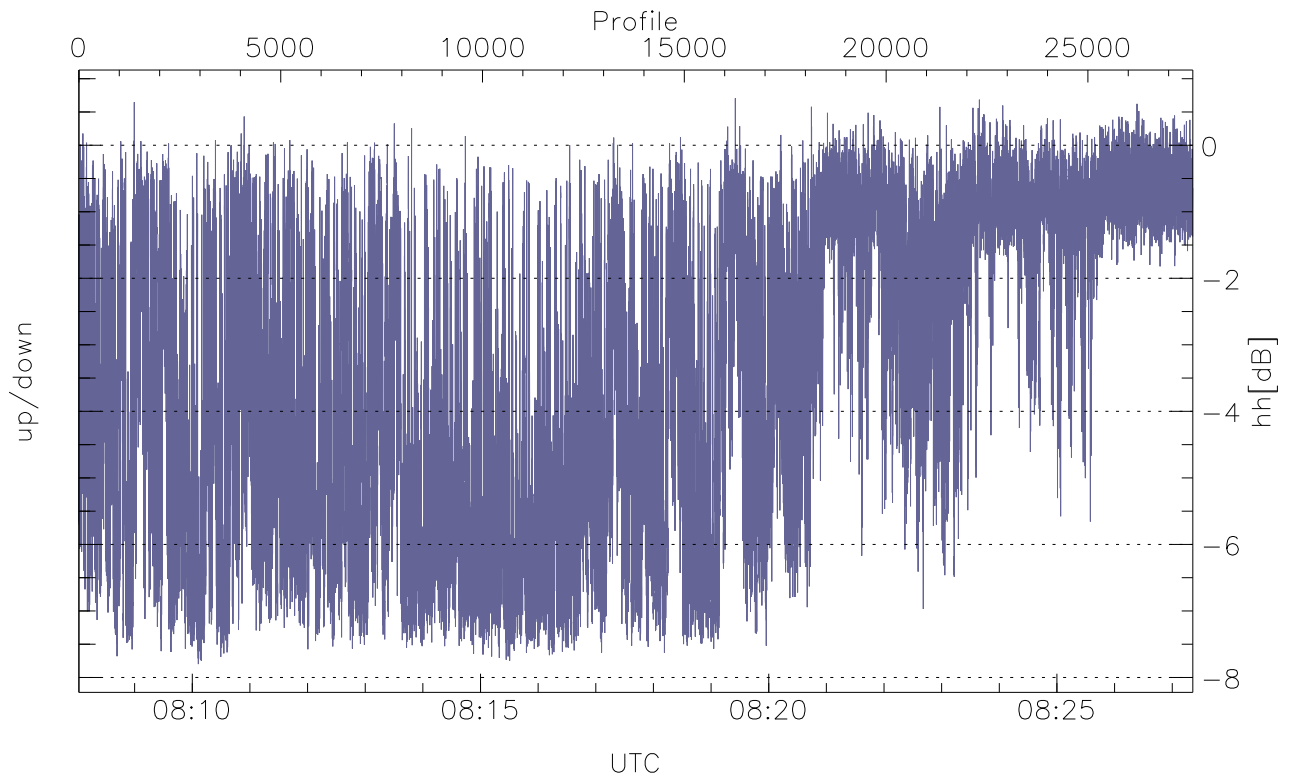


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



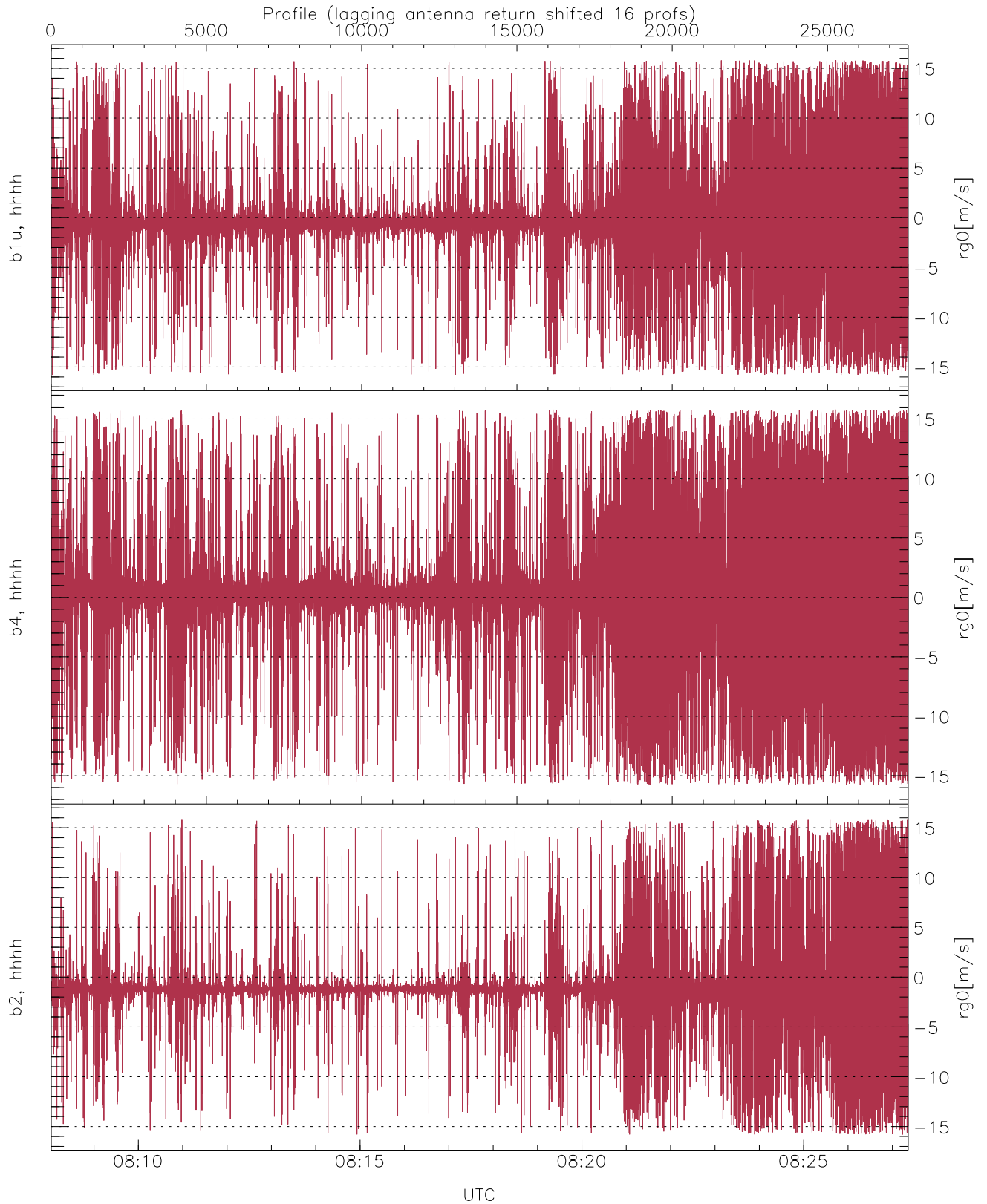
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|--------------------|--------|--------|--------|
| up(hh[dBm]) | -65.22 | -54.43 | -61.51 |
| down-fore(hh[dBm]) | -64.73 | -55.59 | -61.91 |
| down(hh[dBm]) | -64.69 | -47.17 | -56.27 |



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

| | Min | Max | Mean |
|------------------------|-------|-------|-------|
| up/down(hh[dB]) | -7.80 | 0.71 | -4.81 |
| down/down-fore(hh[dB]) | -7.62 | 15.65 | 3.22 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|---------------------|--------|-------|-------|-------|
| b1u, hhhh(rg0[m/s]) | -15.80 | 15.79 | -0.44 | 4.60 |
| b4, hhhh(rg0[m/s]) | -15.80 | 15.79 | 0.10 | 5.44 |
| b2, hhhh(rg0[m/s]) | -15.80 | 15.79 | -1.26 | 3.96 |