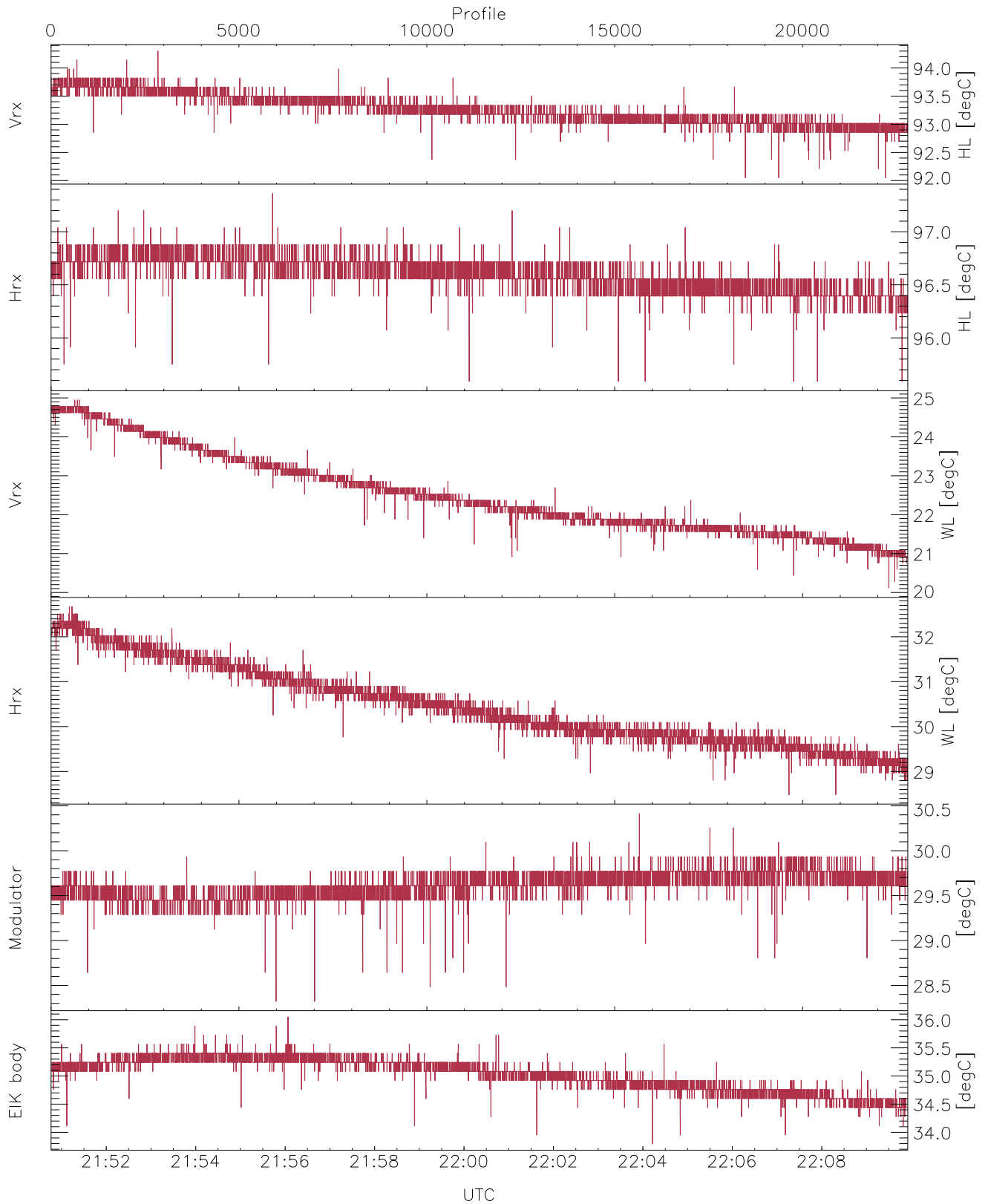


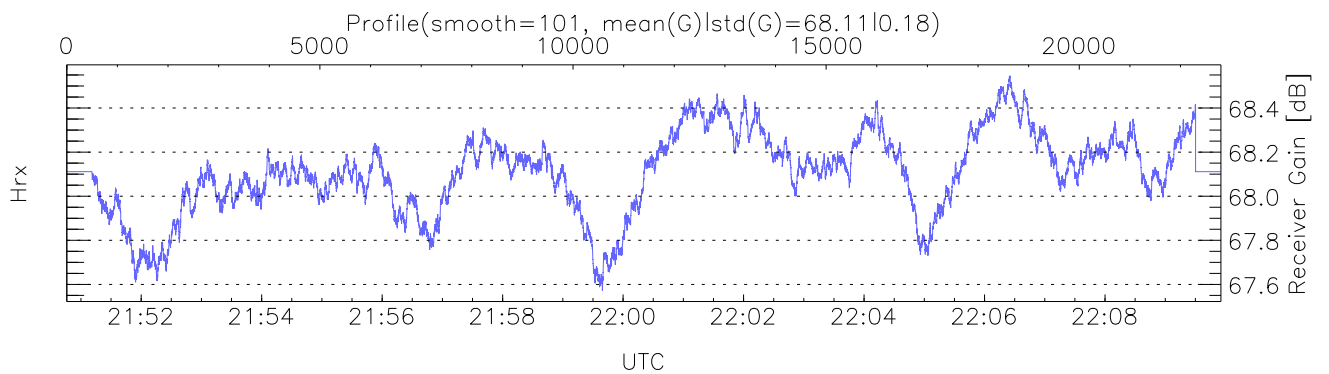
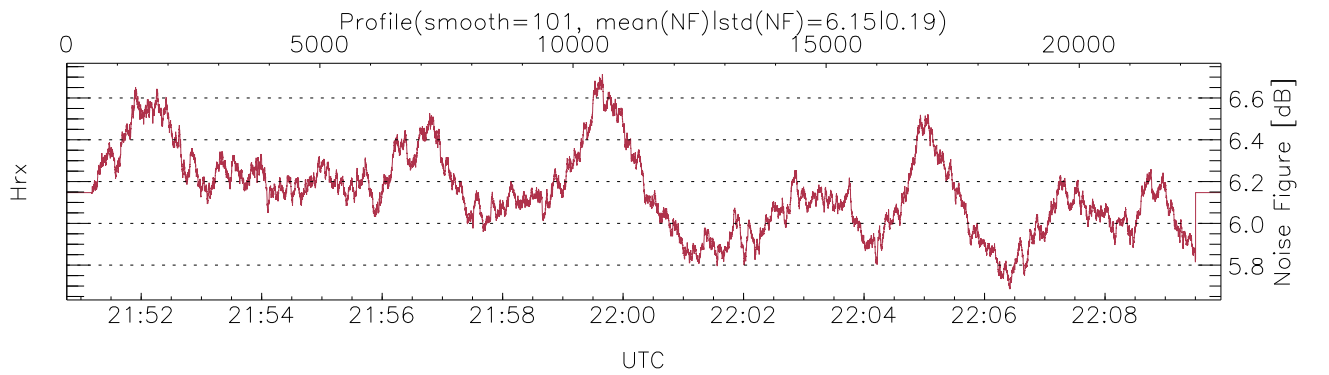
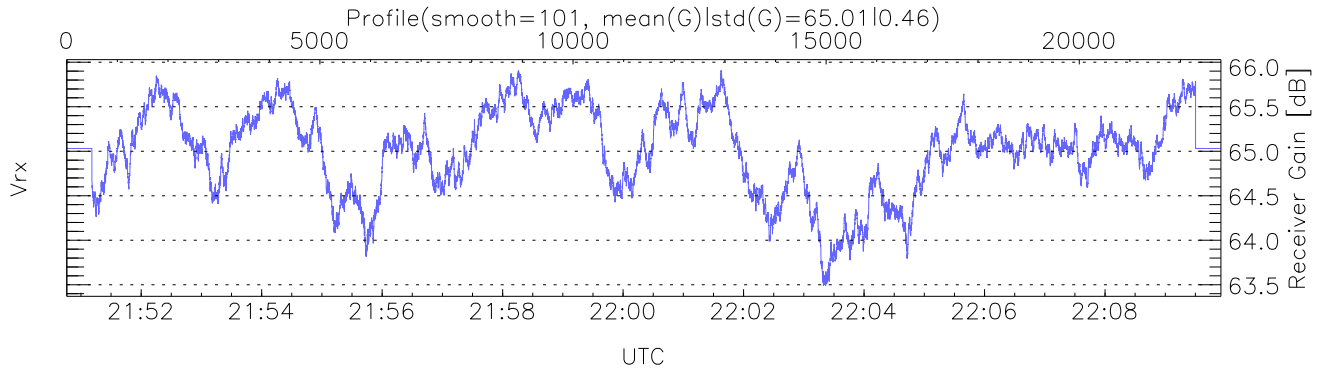
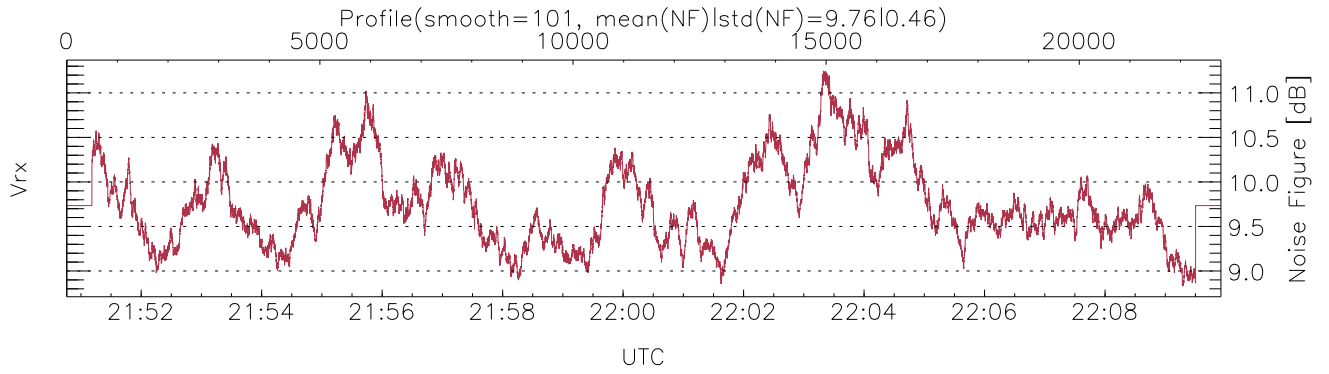
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

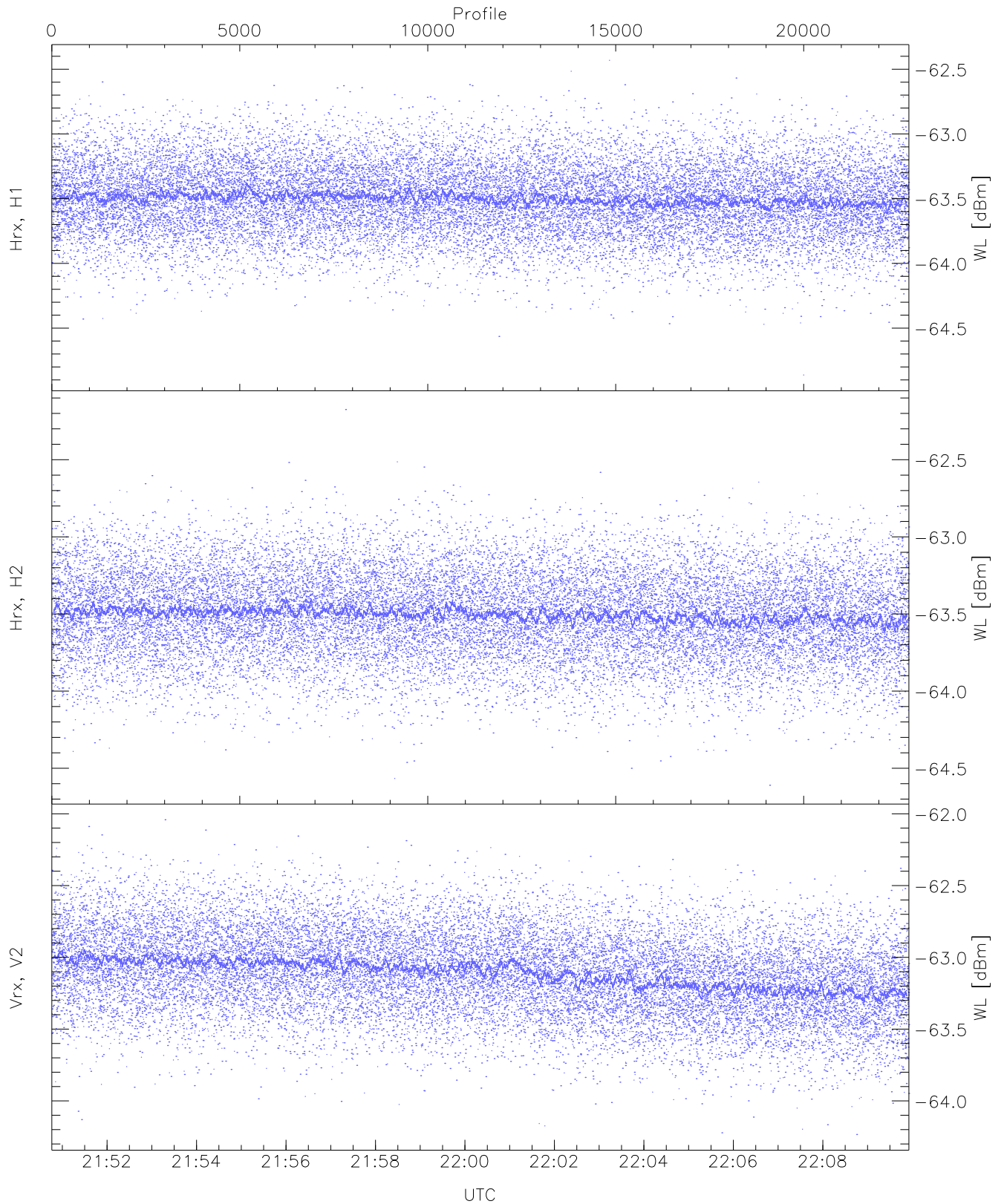
UTC: 21:50:46-22:17:05, Dur: 1579.24s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/31322, 0-22799/21:50:46-22:09:55
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 16.7 16.7 16.7 16.7 16.7 KHz, IGS: 60us
 Range(min,max,rgs): 105,7689,15.0 m, Gates: 506, Aspect: 2.6



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

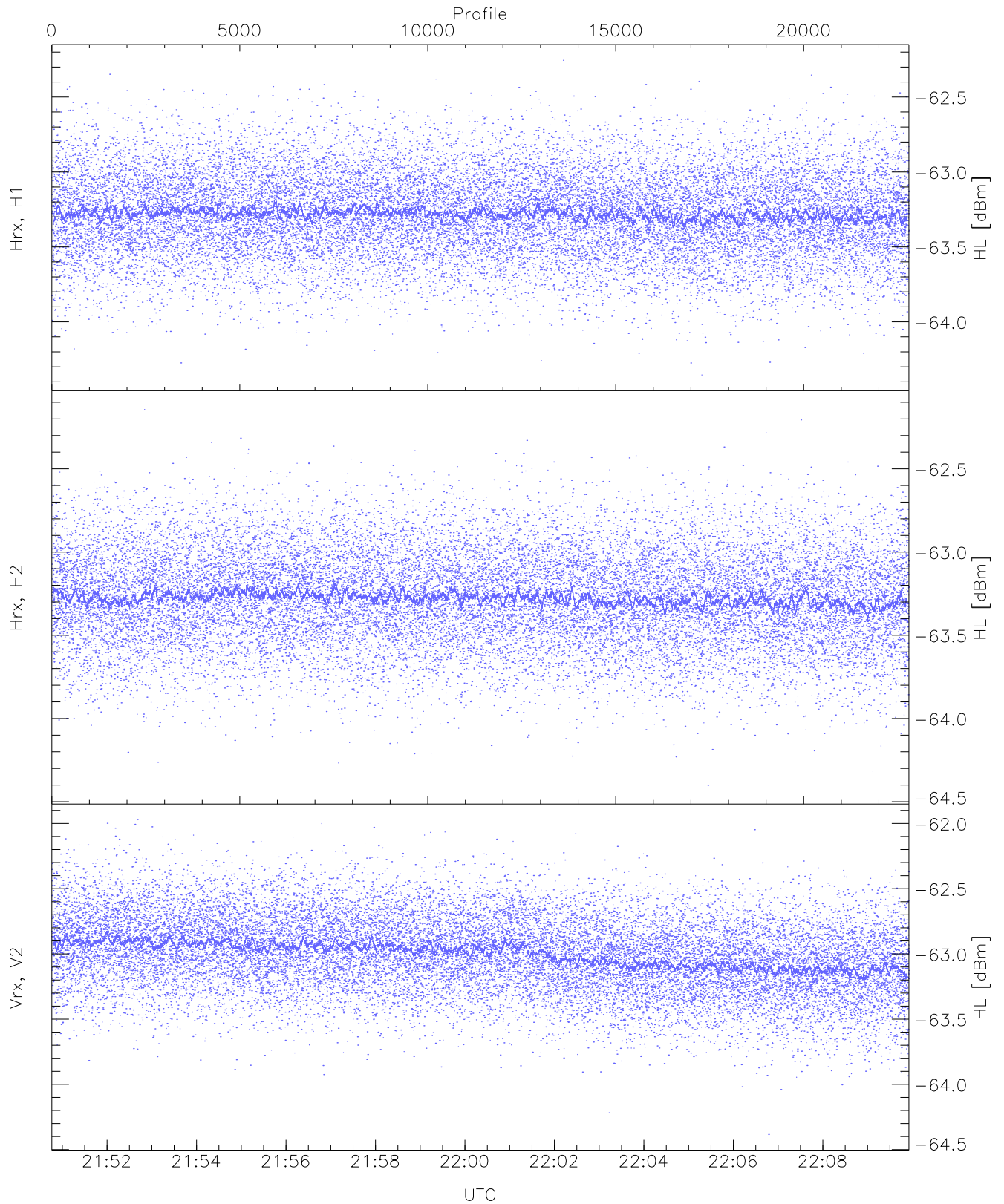
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,95,20,28,28,33
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,97,24,32,30,36
LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,45,0
EIK/Modulator Faults: None





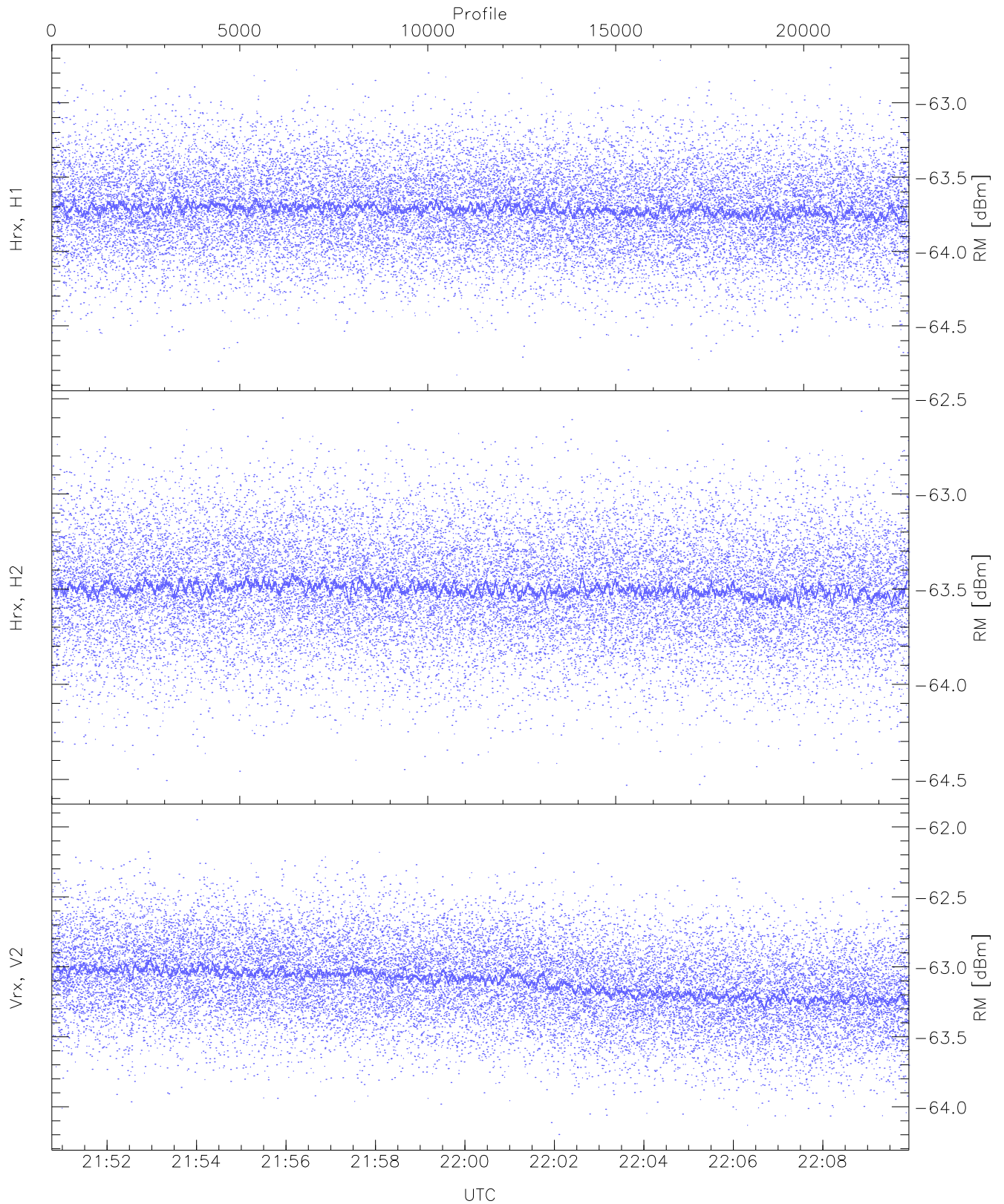
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.86 | -62.43 | -63.50 | -63.50 | -75.63 |
| Hrx, H2 (WL [dBm]) | -64.61 | -62.17 | -63.50 | -63.50 | -75.65 |
| Vrx, V2 (WL [dBm]) | -64.23 | -62.04 | -63.11 | -63.11 | -75.05 |



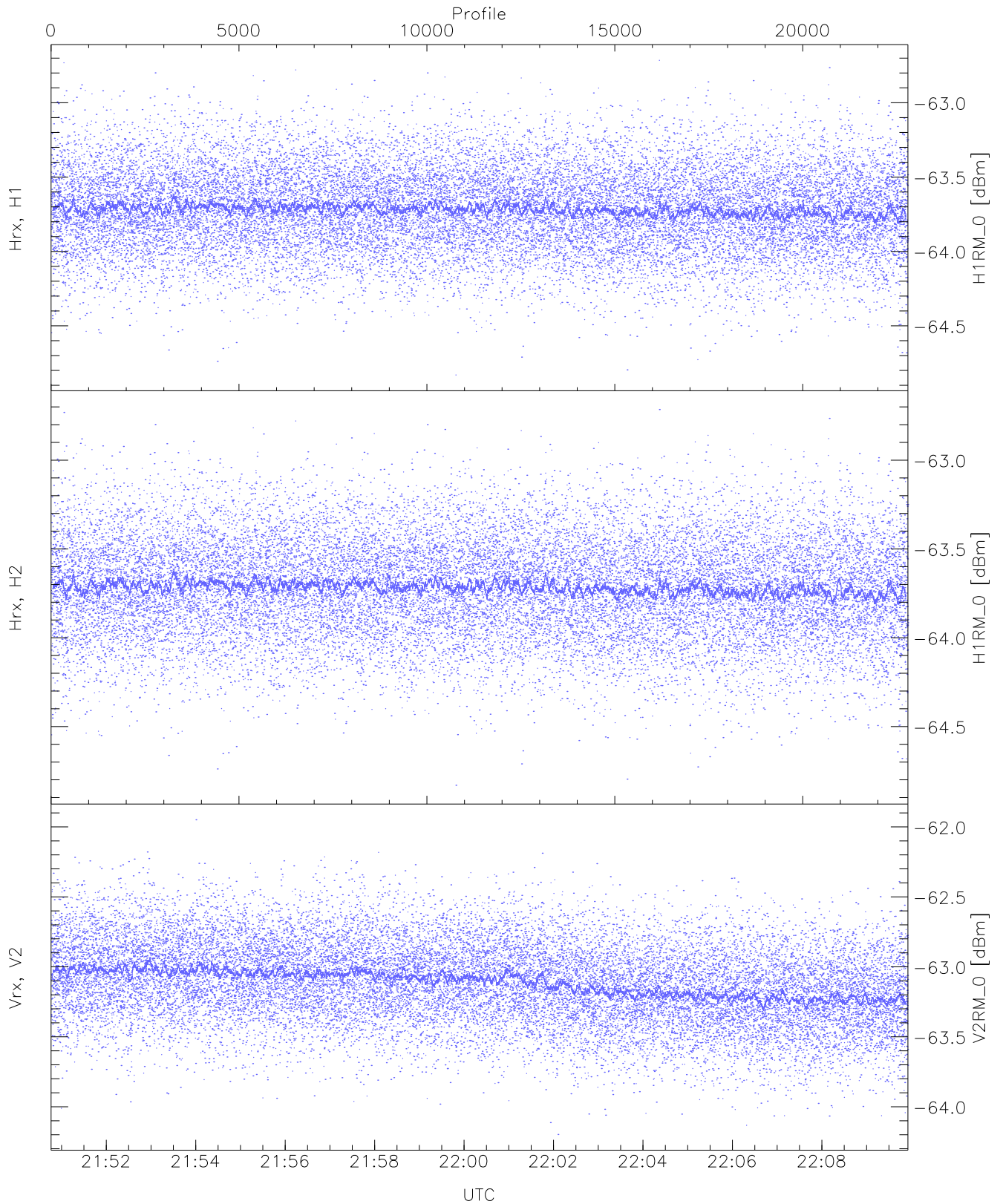
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.35 | -62.25 | -63.28 | -63.28 | -75.42 |
| Hrx, H2 (HL [dBm]) | -64.40 | -62.14 | -63.27 | -63.28 | -75.39 |
| Vrx, V2 (HL [dBm]) | -64.38 | -61.97 | -63.00 | -63.00 | -74.93 |



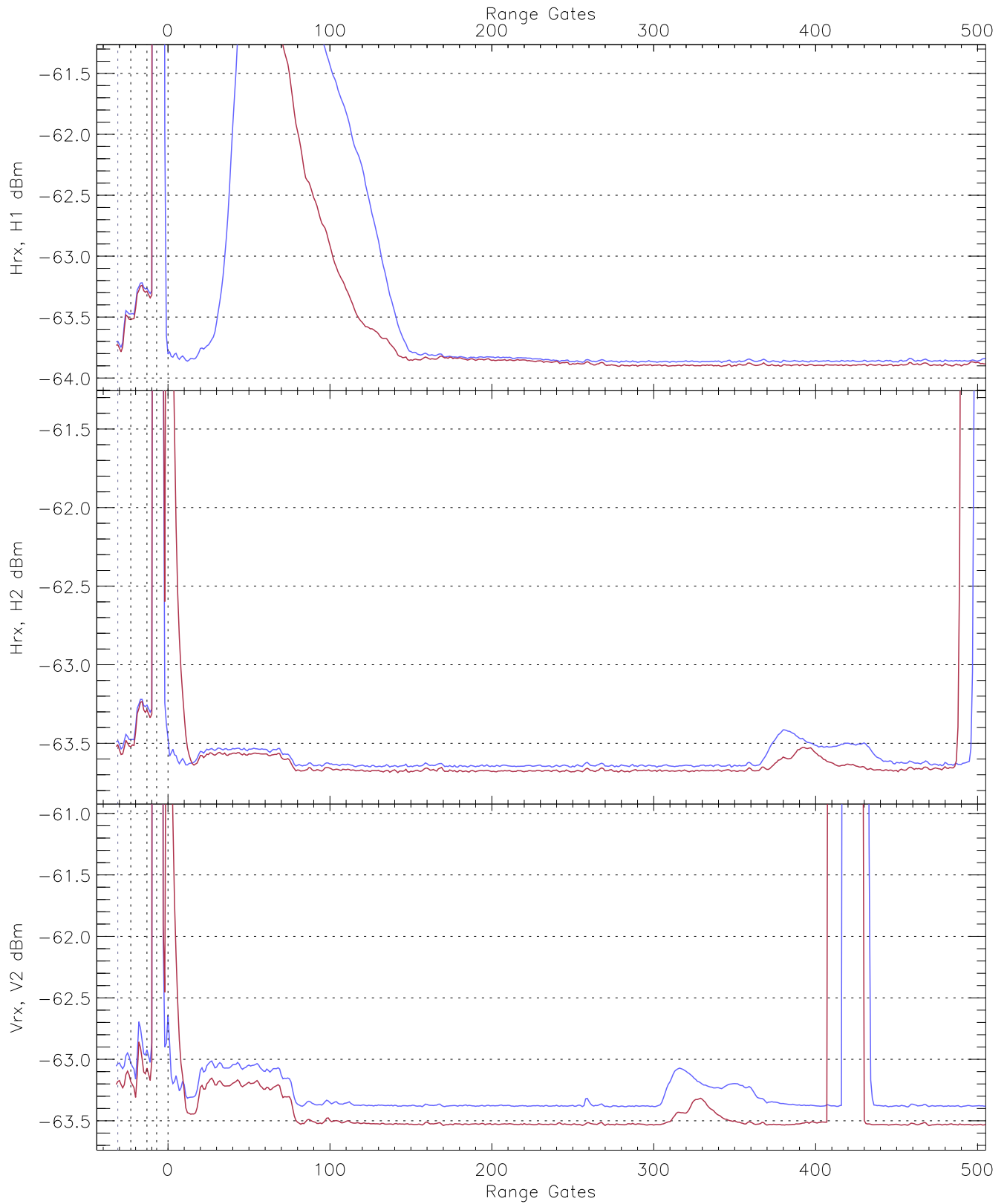
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -64.83 | -62.71 | -63.71 | -63.72 | -75.84 |
| Hrx, H2 (RM [dBm]) | -64.53 | -62.56 | -63.50 | -63.50 | -75.69 |
| Vrx, V2 (RM [dBm]) | -64.20 | -61.95 | -63.11 | -63.11 | -75.07 |

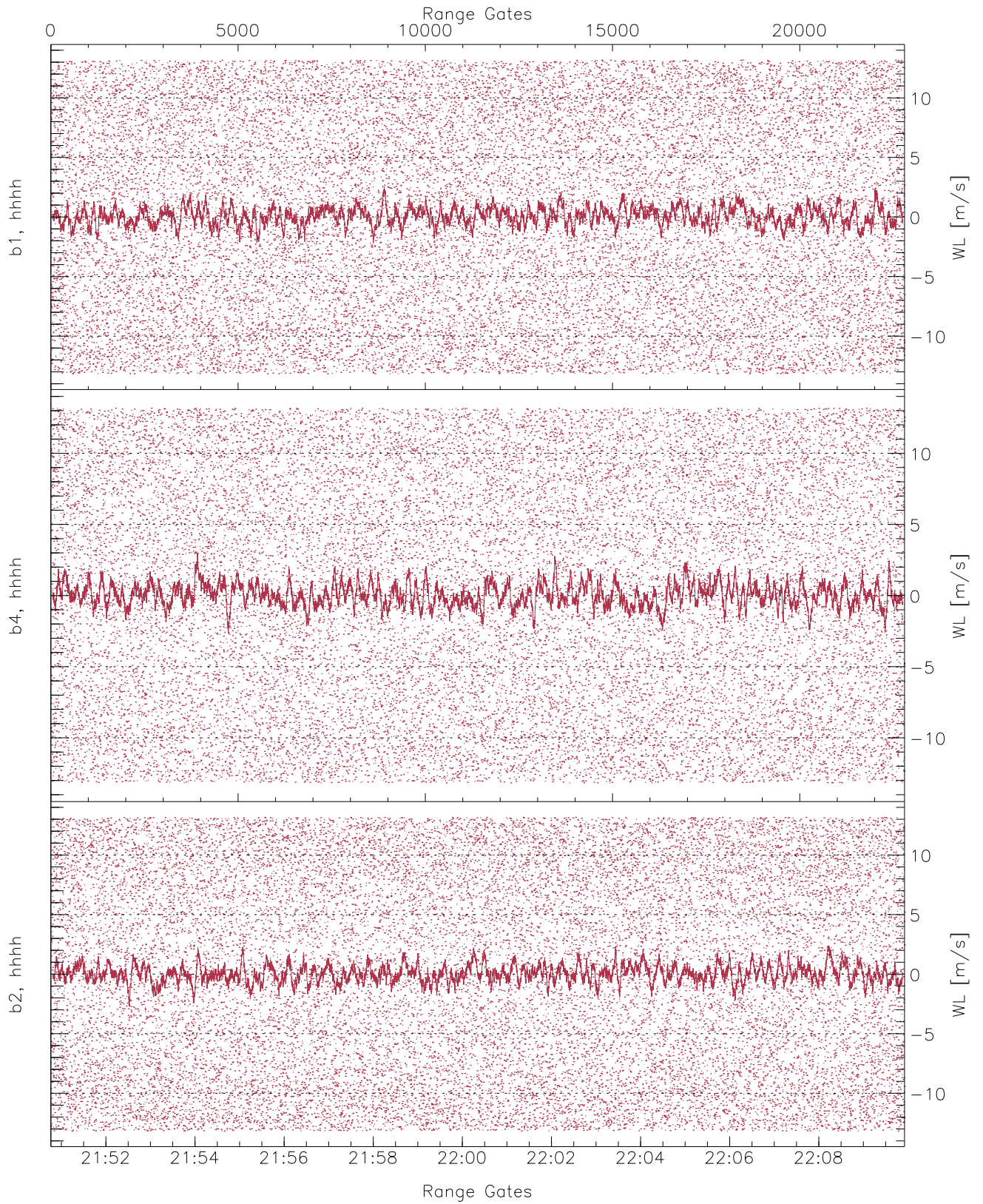


WCR2 CPP "Best" estimate Receivers Noise Power

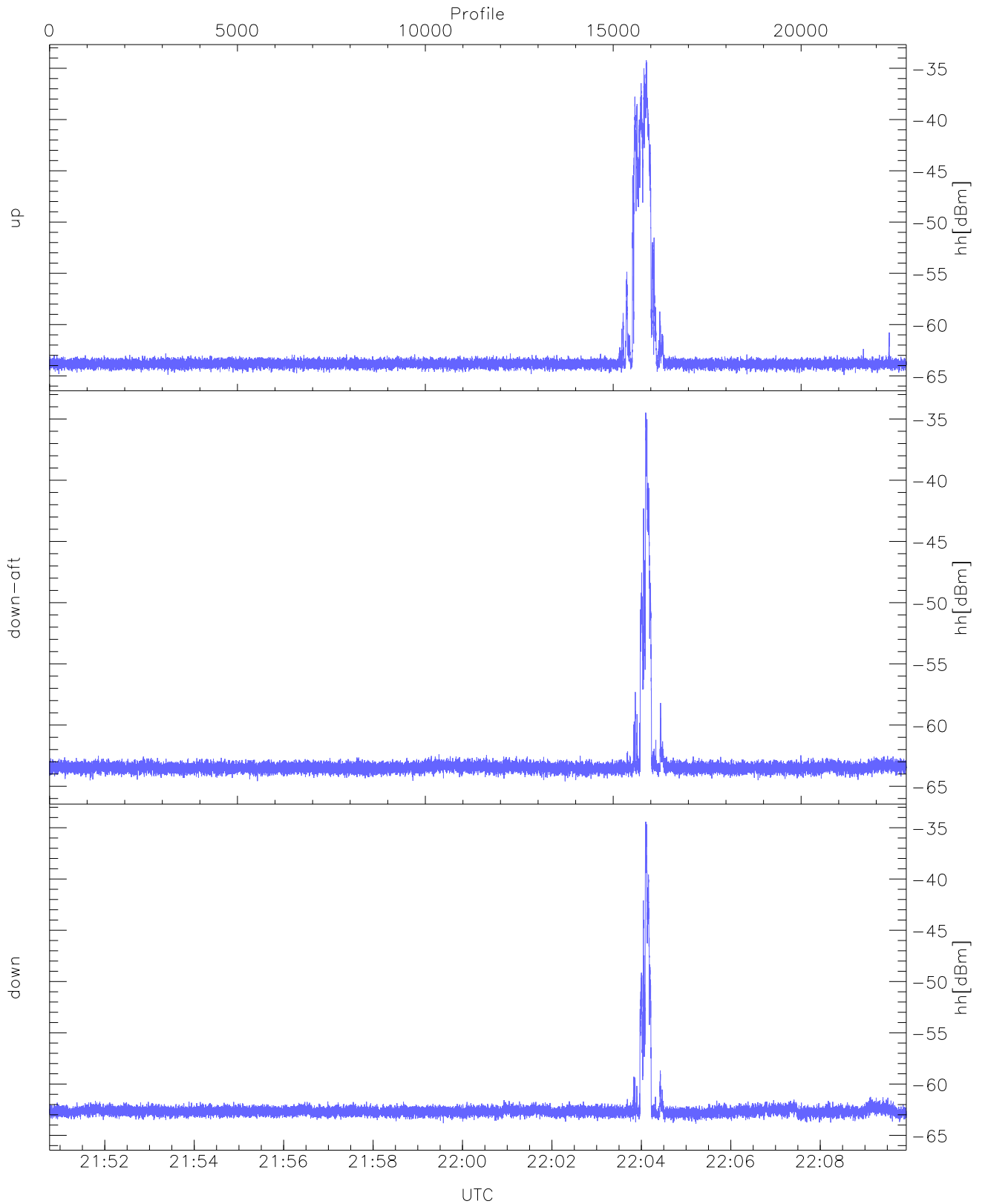
| | Min | Max | Mean | Median | StDev |
|--------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -64.83 | -62.71 | -63.71 | -63.72 | -75.84 |
| H1RM_0 [dBm] | -64.83 | -62.71 | -63.71 | -63.72 | -75.84 |
| V2RM_0 [dBm] | -64.20 | -61.95 | -63.11 | -63.11 | -75.07 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 215046-220020, 11401 profiles averaged
red: 220020-220955, 11400 profiles averaged

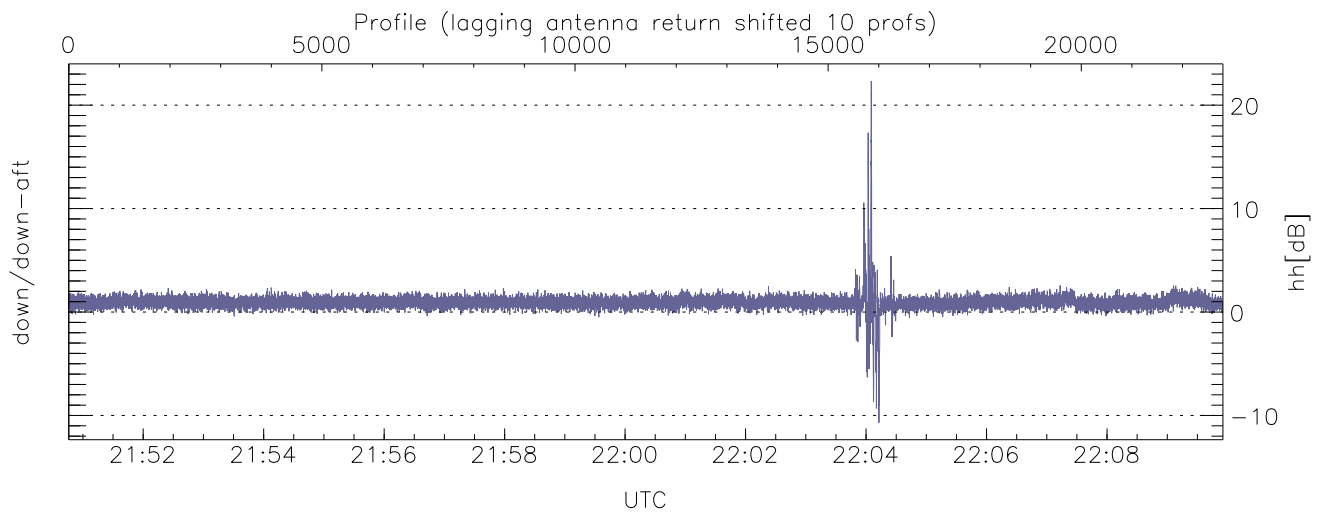
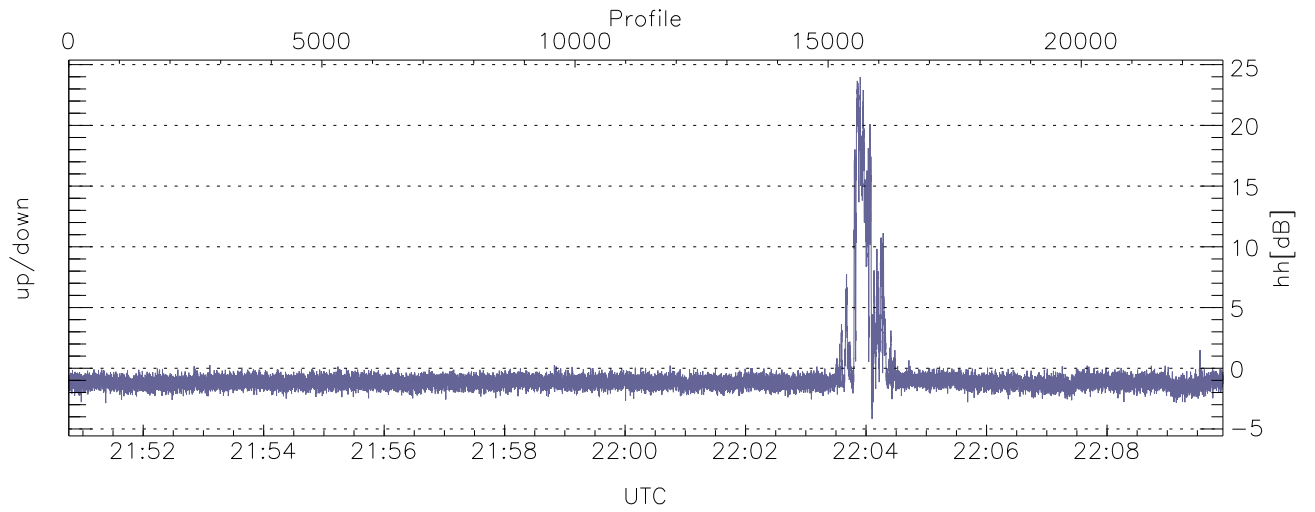


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



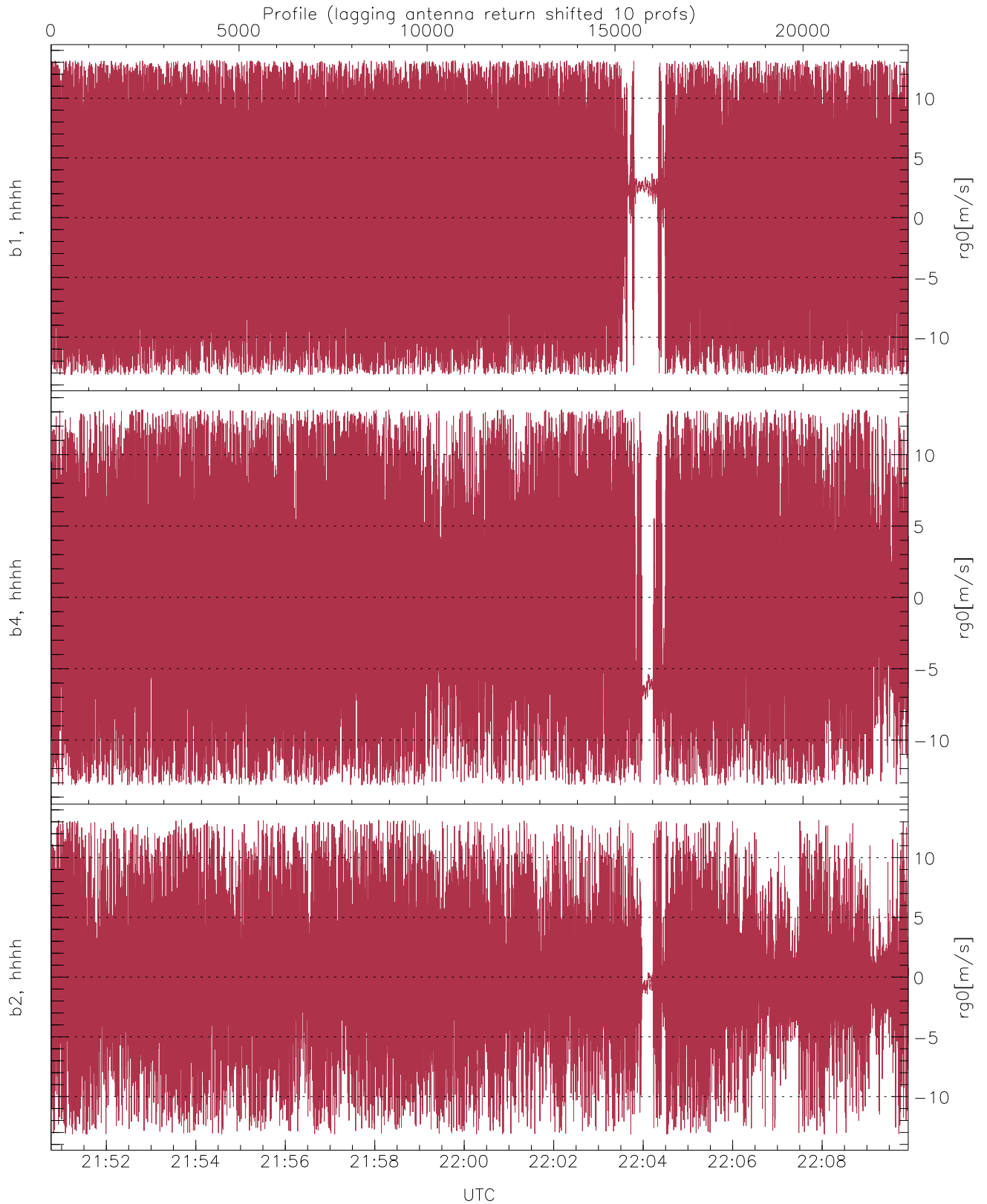
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|--------|--------|
| up(hh[dBm]) | -64.92 | -34.22 | -56.37 |
| down-aft(hh[dBm]) | -64.59 | -34.47 | -59.60 |
| down(hh[dBm]) | -63.86 | -34.41 | -59.33 |



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

| | Min | Max | Mean |
|-----------------------|--------|-------|-------|
| up/down(hh[dB]) | -4.17 | 23.97 | -0.51 |
| down/down-aft(hh[dB]) | -10.69 | 22.34 | 0.94 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -13.17 | 13.17 | 0.31 | 7.58 |
| b4, hhhh(rg0[m/s]) | -13.17 | 13.16 | -0.24 | 6.43 |
| b2, hhhh(rg0[m/s]) | -13.16 | 13.16 | -0.15 | 4.69 |