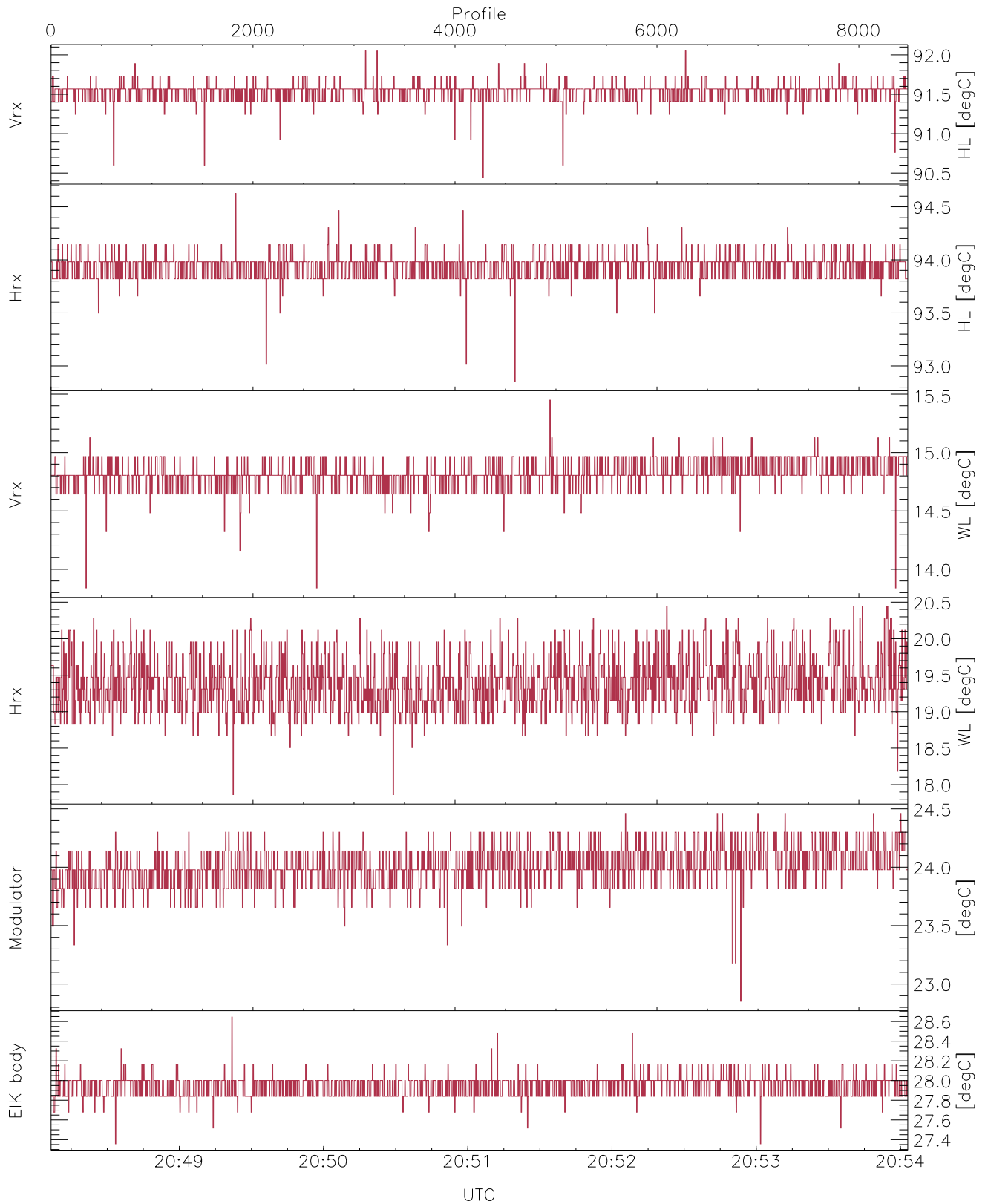


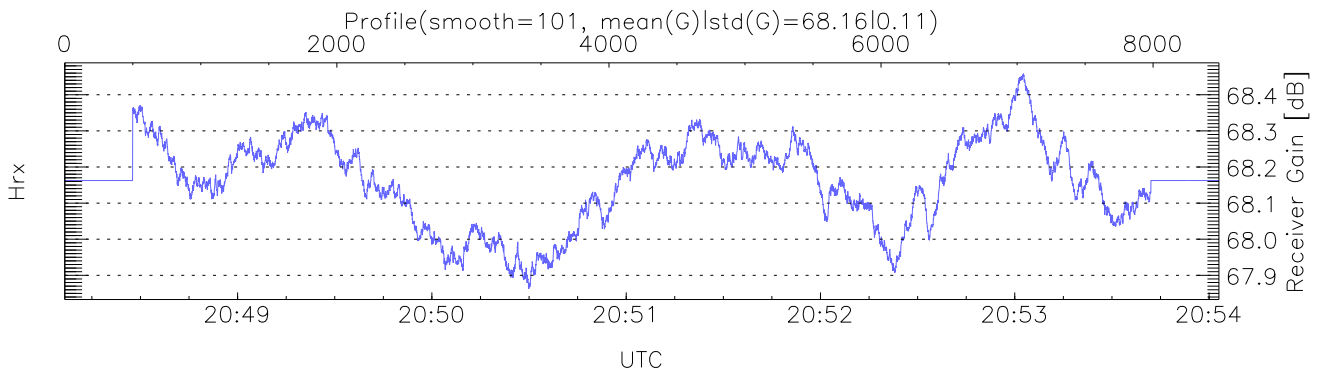
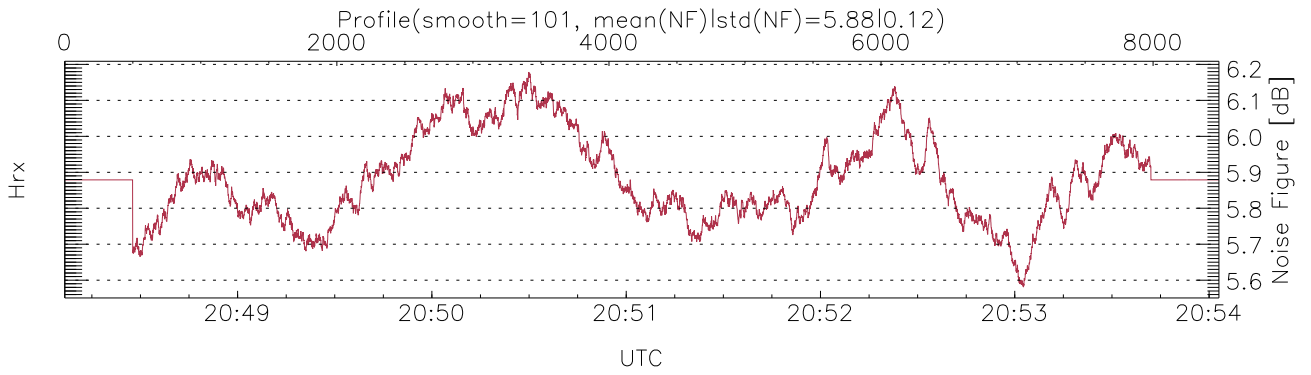
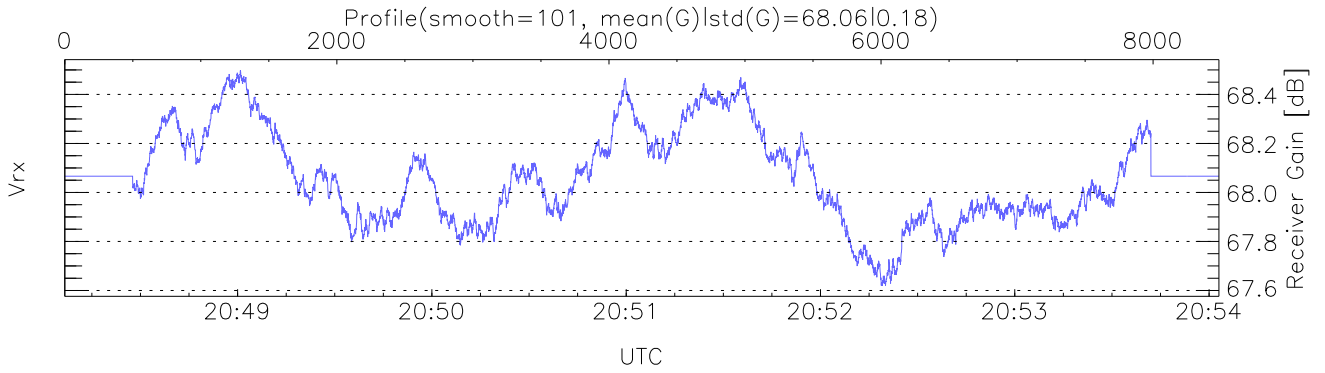
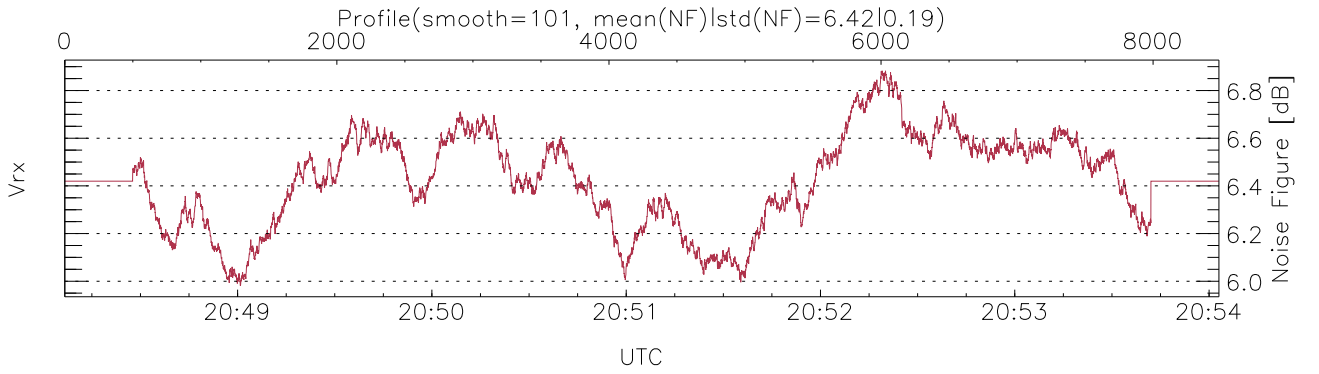
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

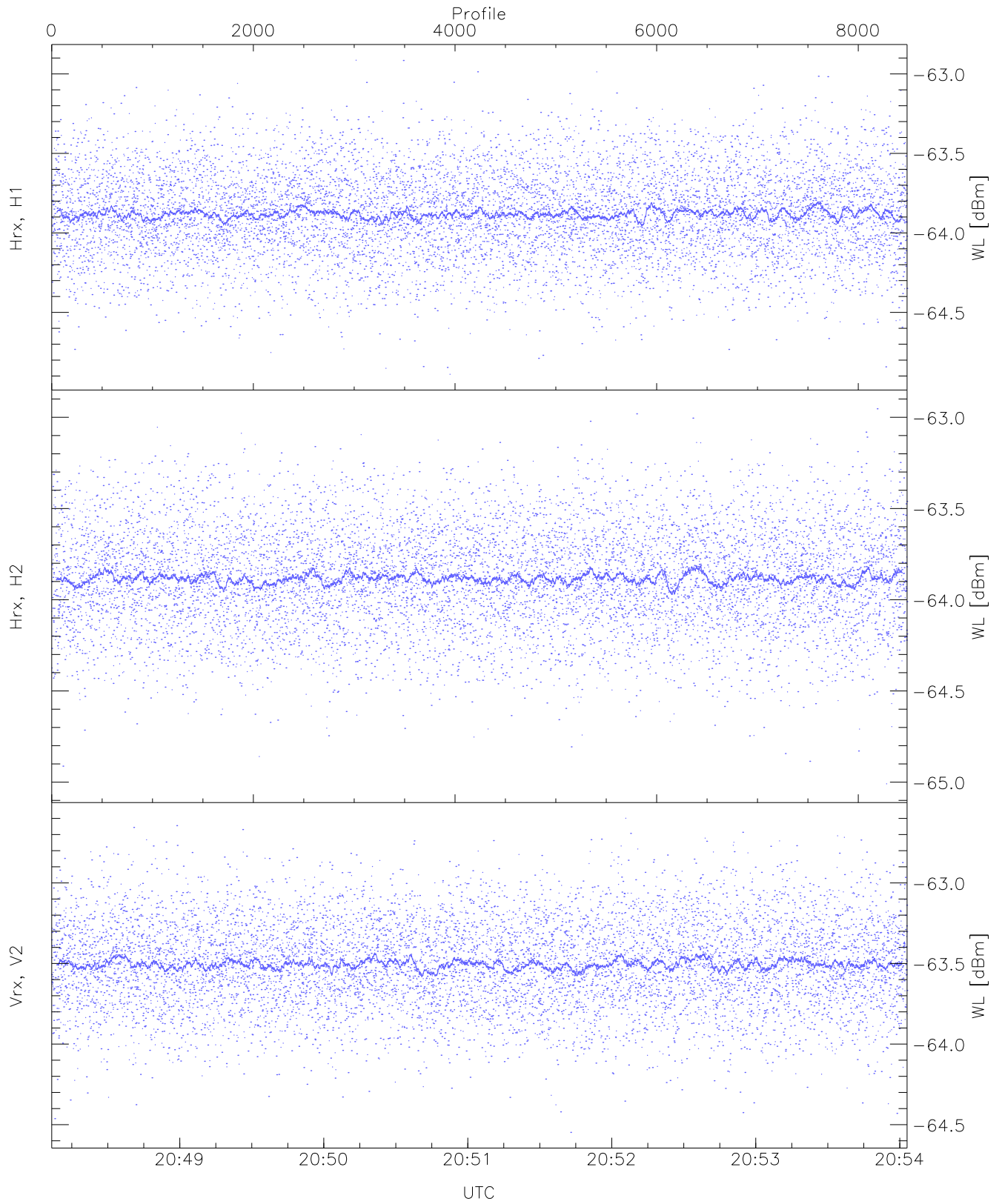
UTC: 20:48:07-20:54:03, Dur: 356.42s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 8485/8485, 0-8484/20:48:07-20:54:03
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 105,6187,15.0 m, Gates: 406, Aspect: 3.1



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

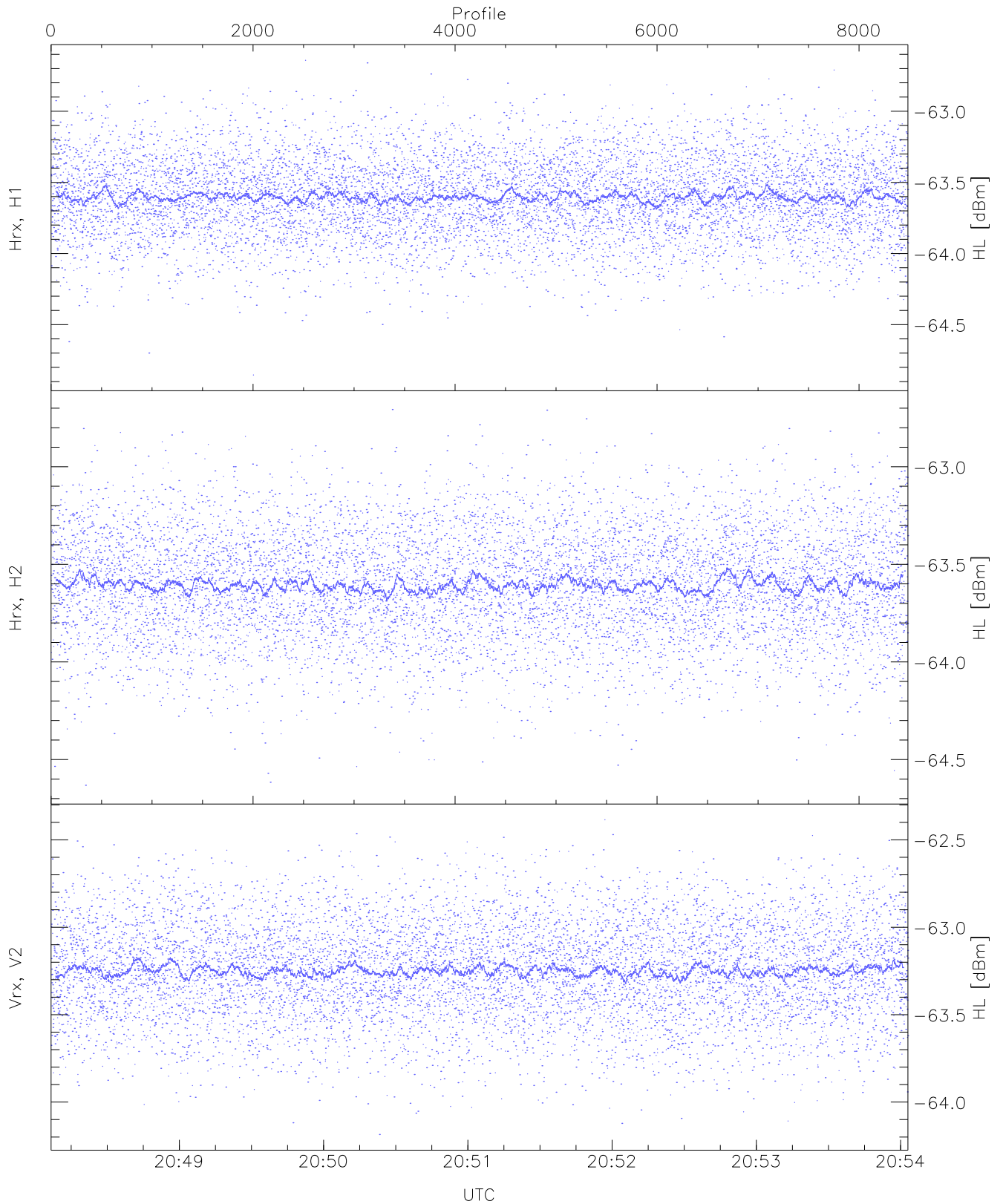
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,13,17,22,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,15,20,24,28
LOalarm(20,80,240,2.8,14.8 MHz): 6,0,0,14,0
EIK/Modulator Faults: None





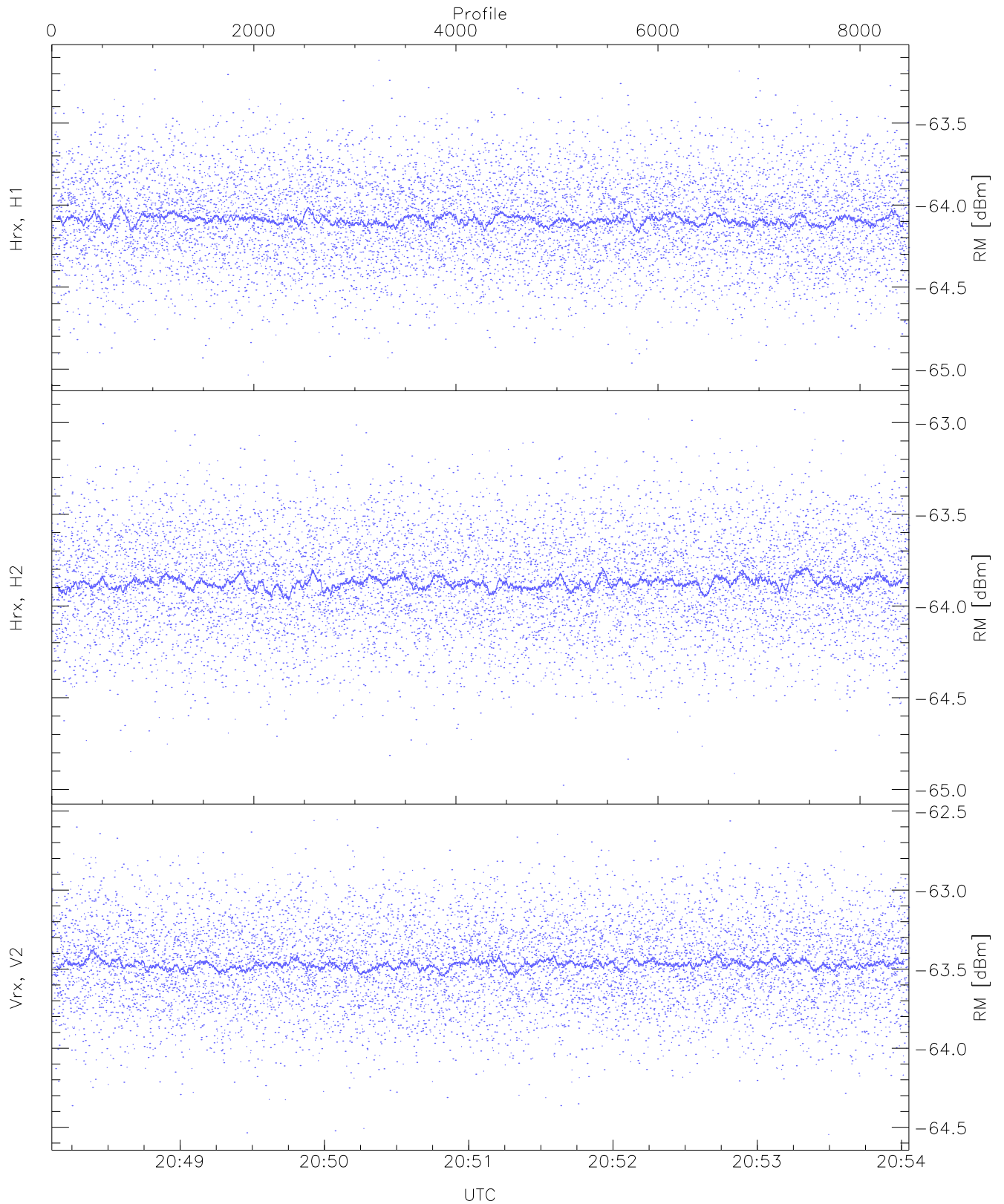
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.89 | -62.91 | -63.88 | -63.88 | -76.02 |
| Hrx, H2 (WL [dBm]) | -65.01 | -62.95 | -63.88 | -63.89 | -75.96 |
| Vrx, V2 (WL [dBm]) | -64.55 | -62.60 | -63.50 | -63.51 | -75.65 |



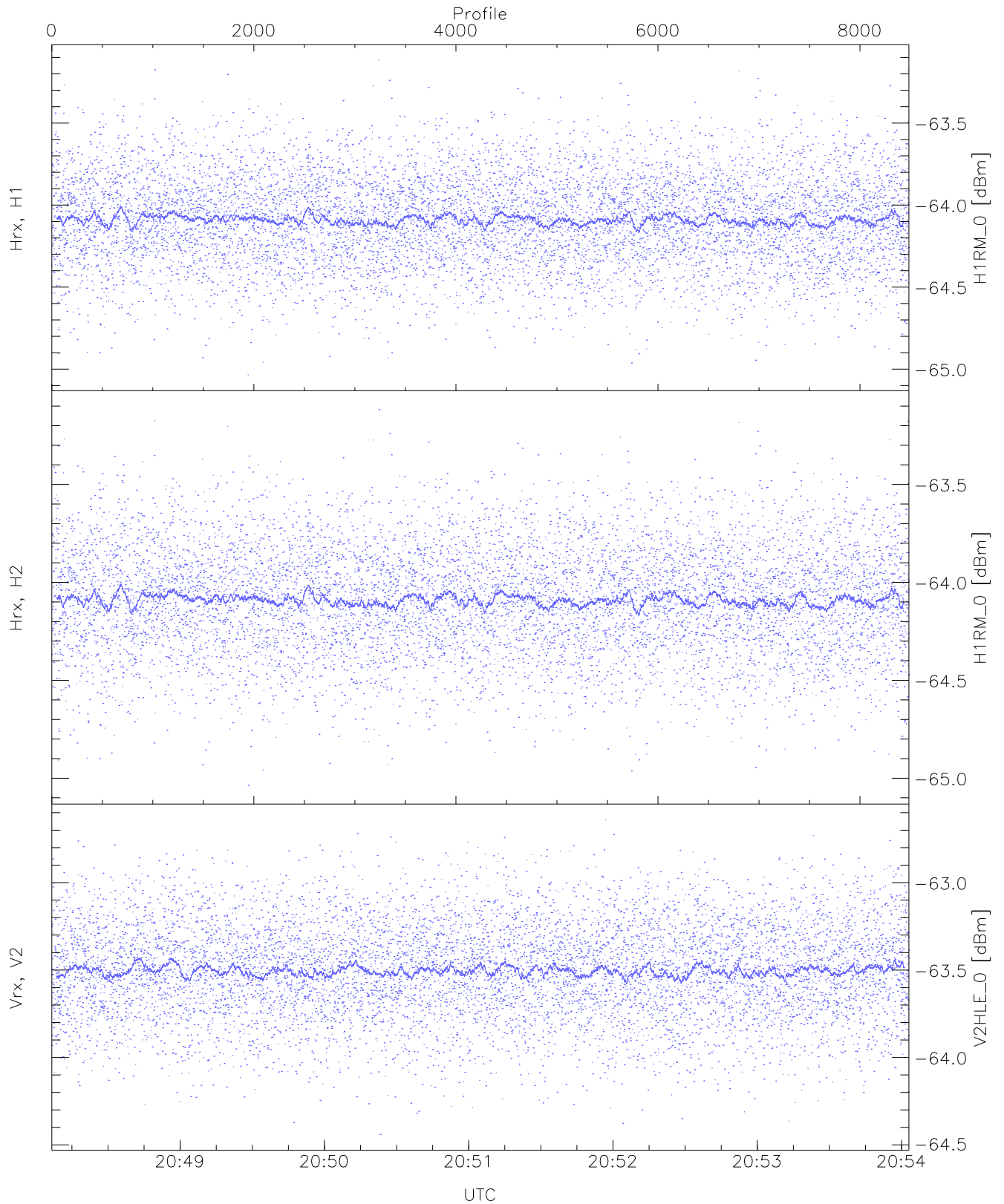
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.85 | -62.64 | -63.60 | -63.60 | -75.72 |
| Hrx, H2 (HL [dBm]) | -64.63 | -62.71 | -63.60 | -63.60 | -75.78 |
| Vrx, V2 (HL [dBm]) | -64.19 | -62.39 | -63.24 | -63.25 | -75.44 |



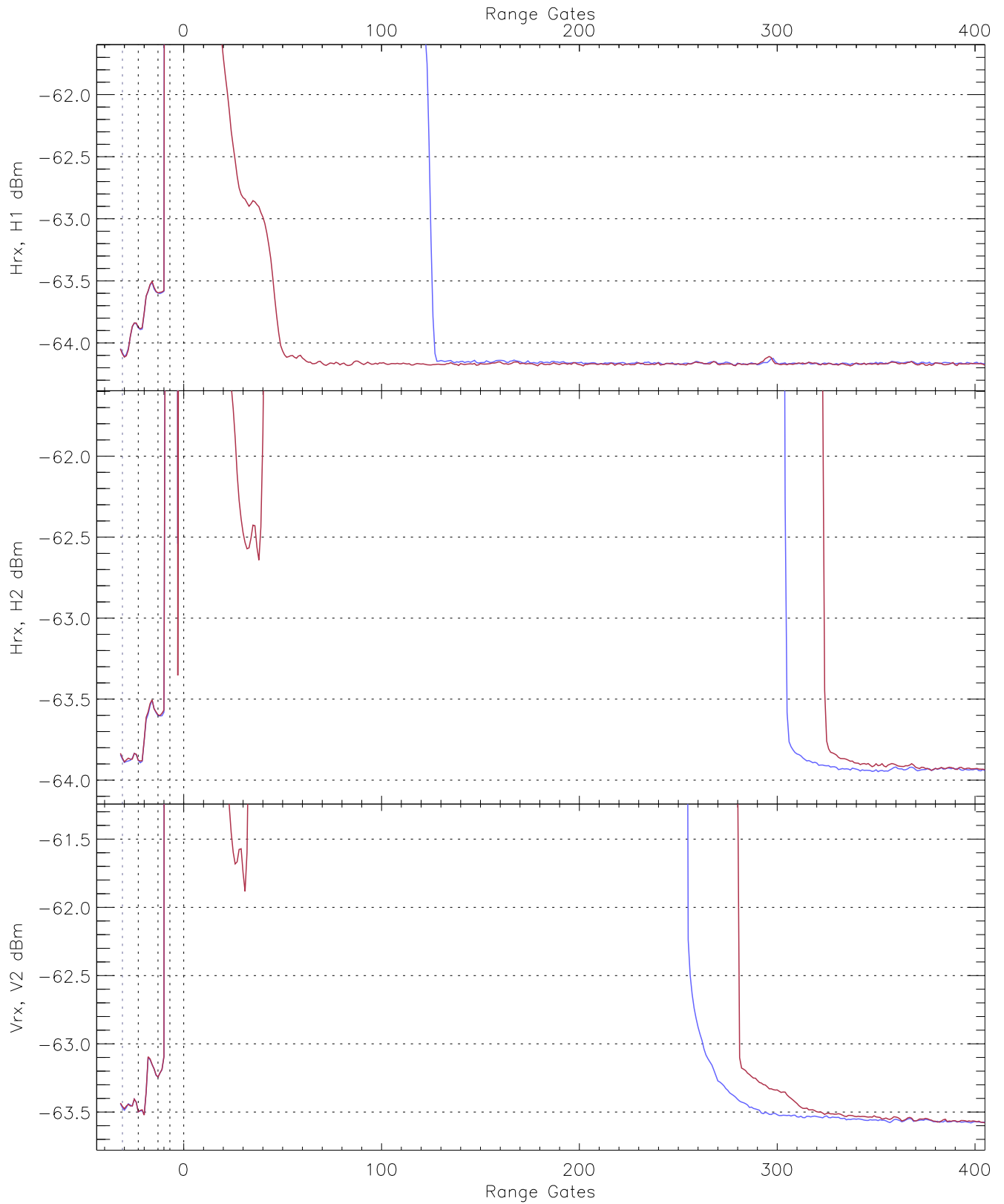
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.04 | -63.12 | -64.08 | -64.09 | -76.23 |
| Hrx, H2 (RM [dBm]) | -64.98 | -62.93 | -63.87 | -63.88 | -75.98 |
| Vrx, V2 (RM [dBm]) | -64.55 | -62.56 | -63.46 | -63.47 | -75.60 |

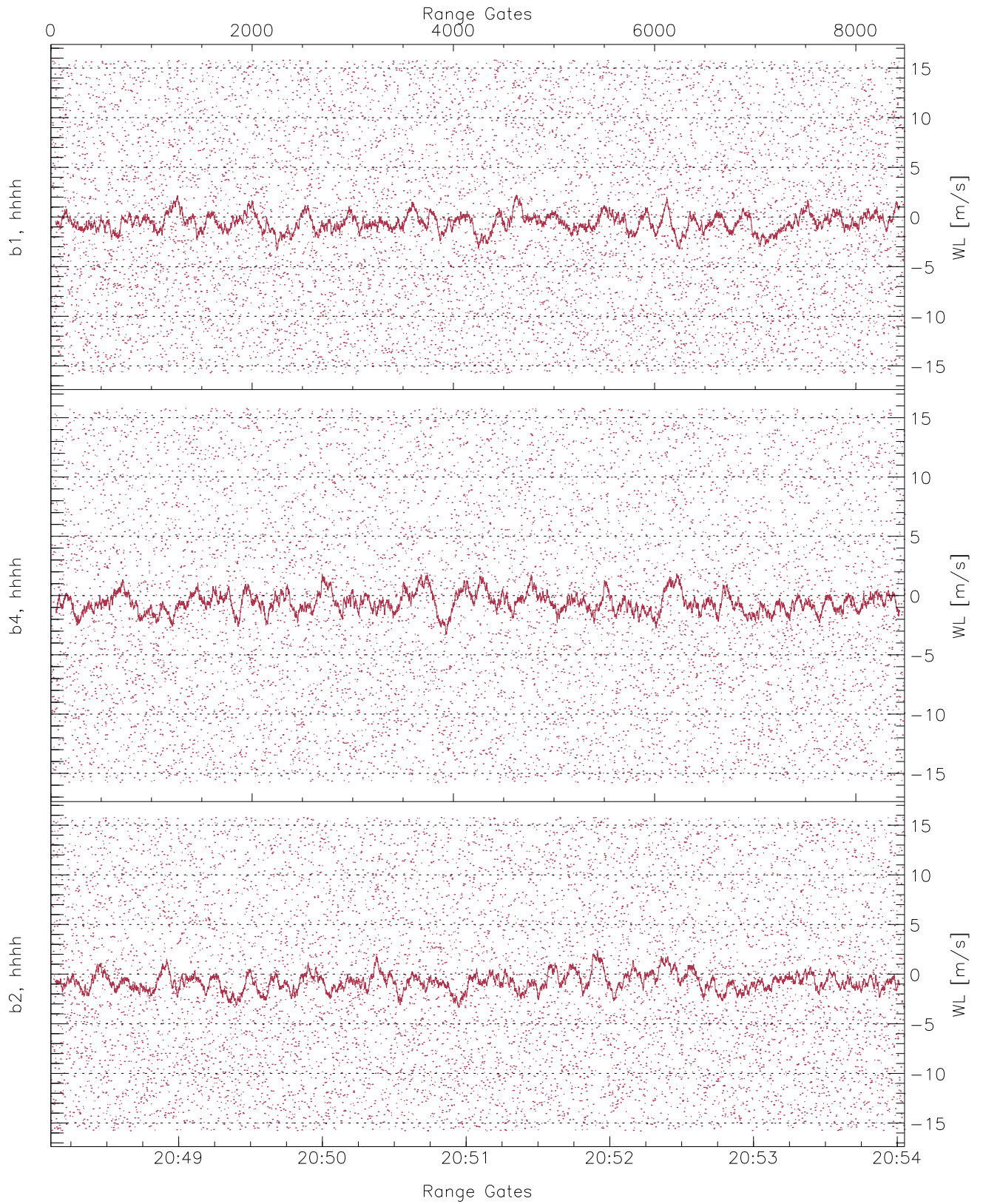


WCR2 CPP "Best" estimate Receivers Noise Power

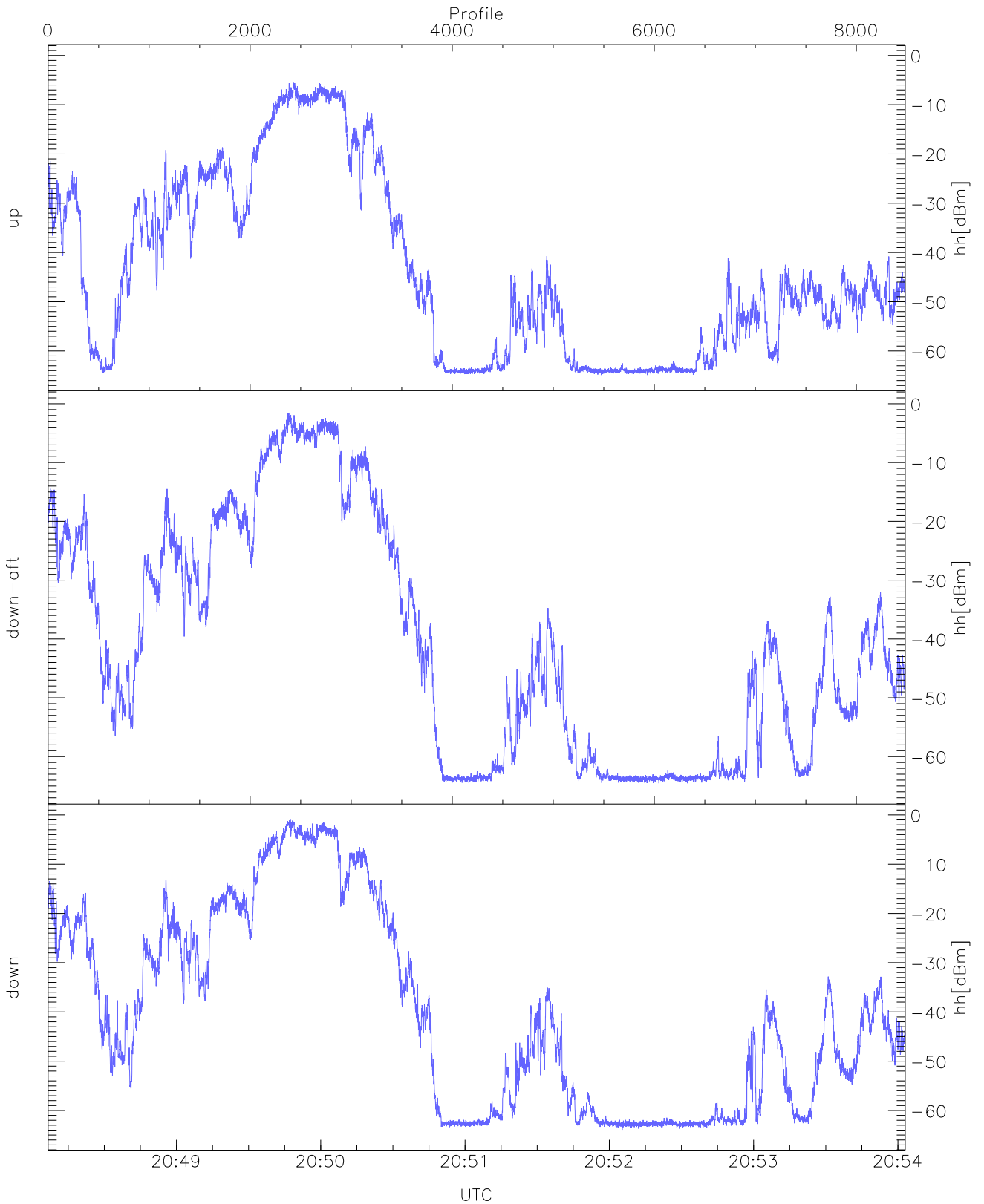
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -65.04 | -63.12 | -64.08 | -64.09 | -76.23 |
| H1RM_0 [dBm] | -65.04 | -63.12 | -64.08 | -64.09 | -76.23 |
| V2HLE_0 [dBm] | -64.44 | -62.64 | -63.50 | -63.50 | -75.69 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 204807-205104, 4243 profiles averaged
red: 205104-205403, 4243 profiles averaged

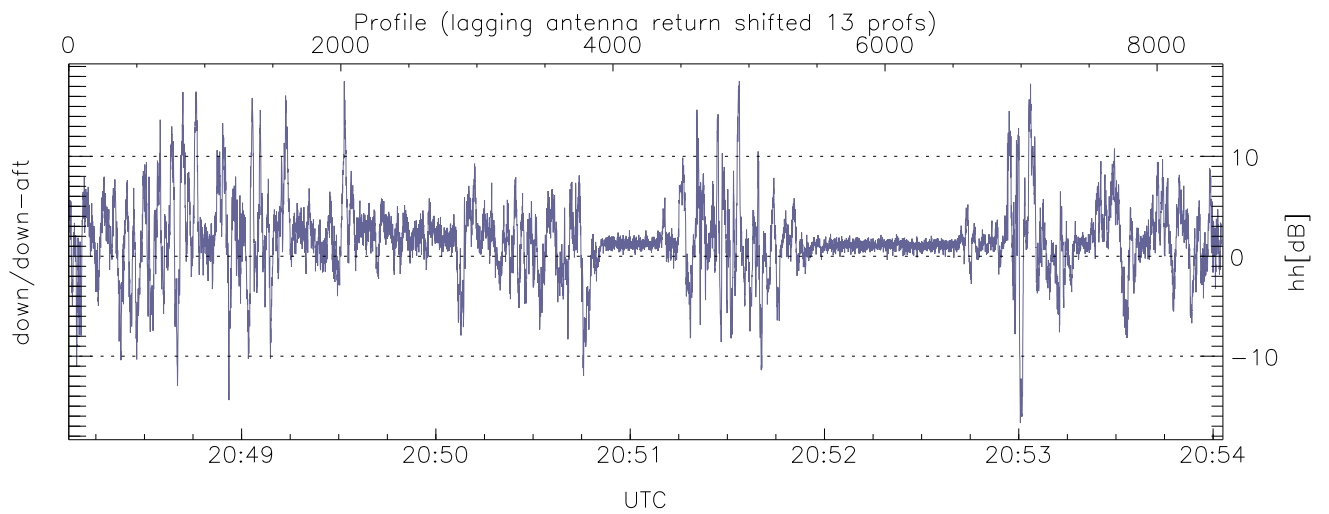
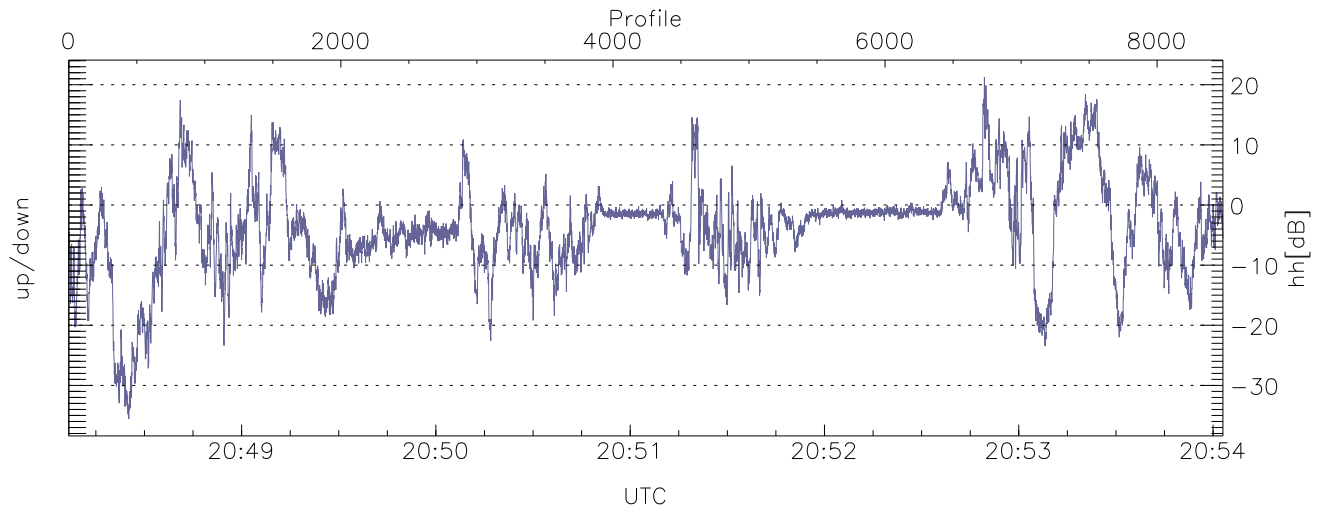


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



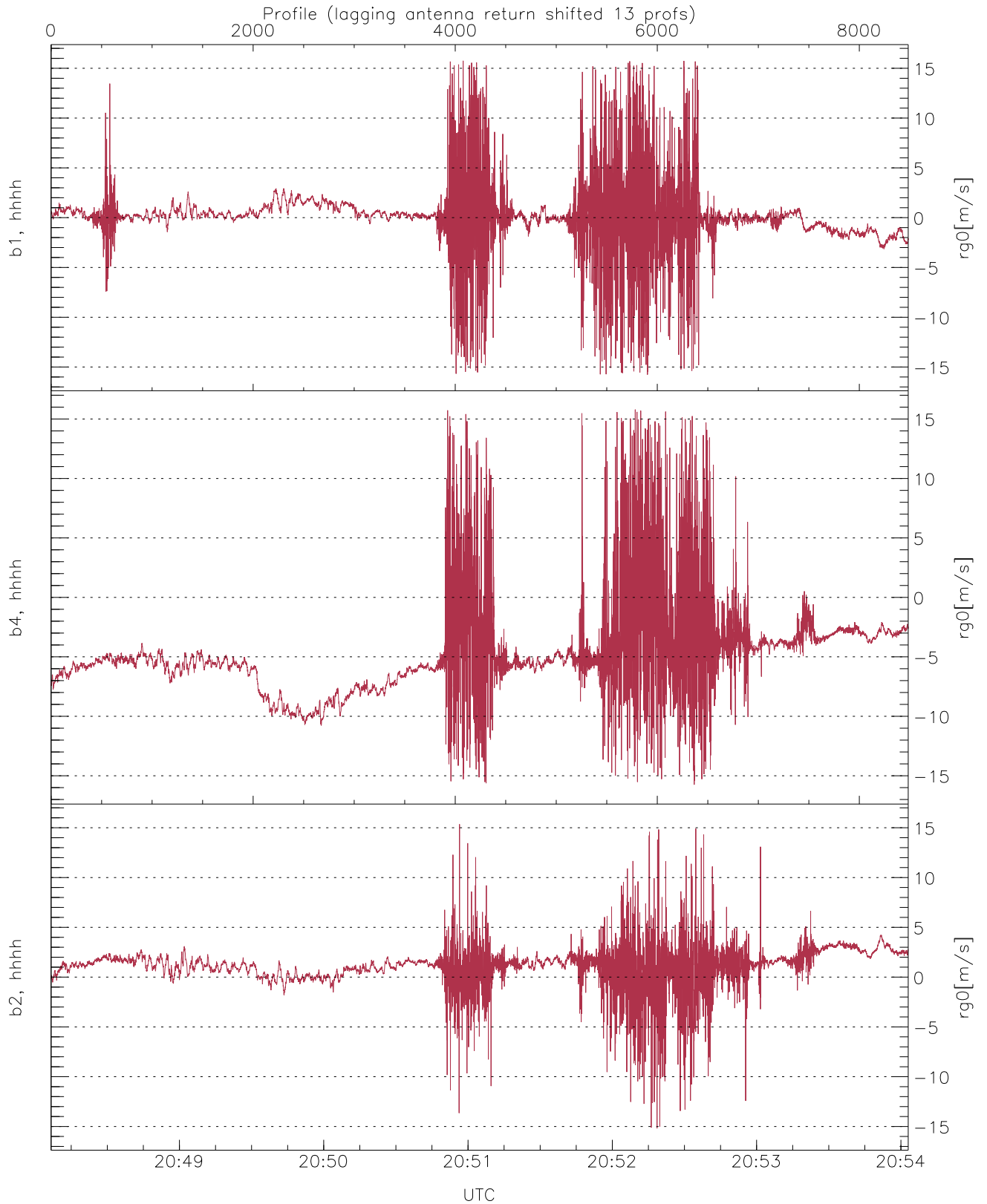
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|-------|--------|
| up(hh[dBm]) | -64.88 | -5.56 | -18.41 |
| down-aft(hh[dBm]) | -64.55 | -1.52 | -14.67 |
| down(hh[dBm]) | -63.93 | -0.98 | -13.69 |



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

| | Min | Max | Mean |
|-----------------------|--------|-------|-------|
| up/down(hh[dB]) | -35.56 | 21.26 | -2.84 |
| down/down-aft(hh[dB]) | -16.65 | 17.55 | 1.62 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -15.76 | 15.76 | 0.13 | 3.08 |
| b4, hhhh(rg0[m/s]) | -15.75 | 15.80 | -4.77 | 3.78 |
| b2, hhhh(rg0[m/s]) | -15.19 | 15.35 | 1.10 | 1.92 |