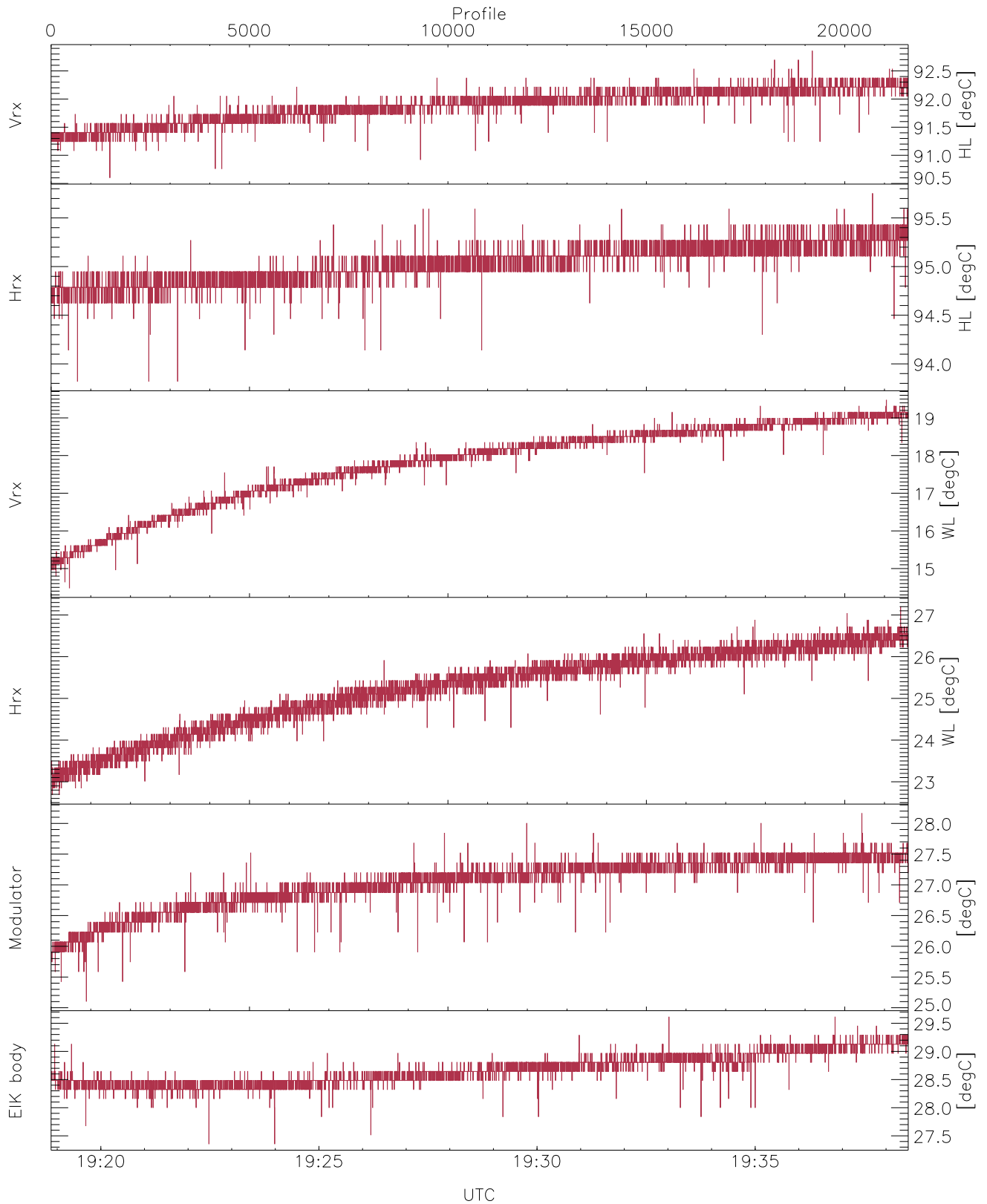


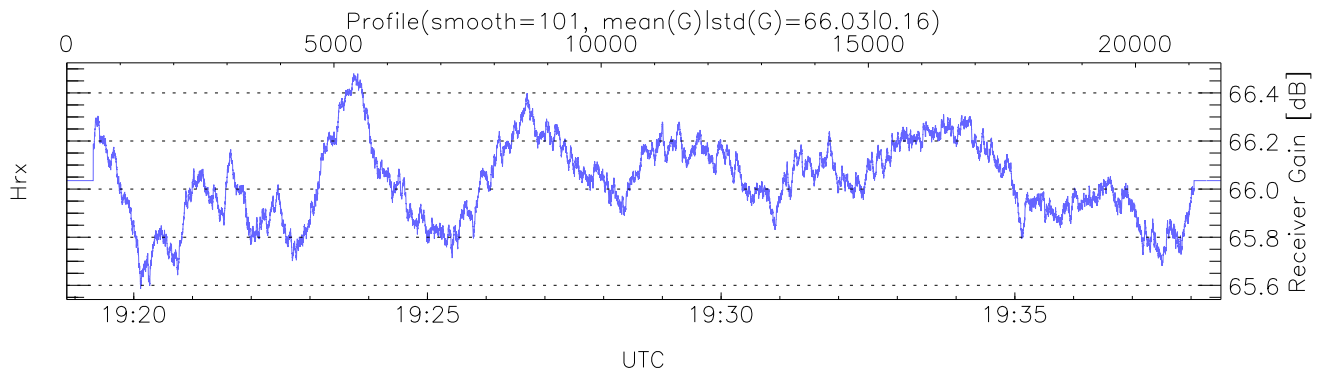
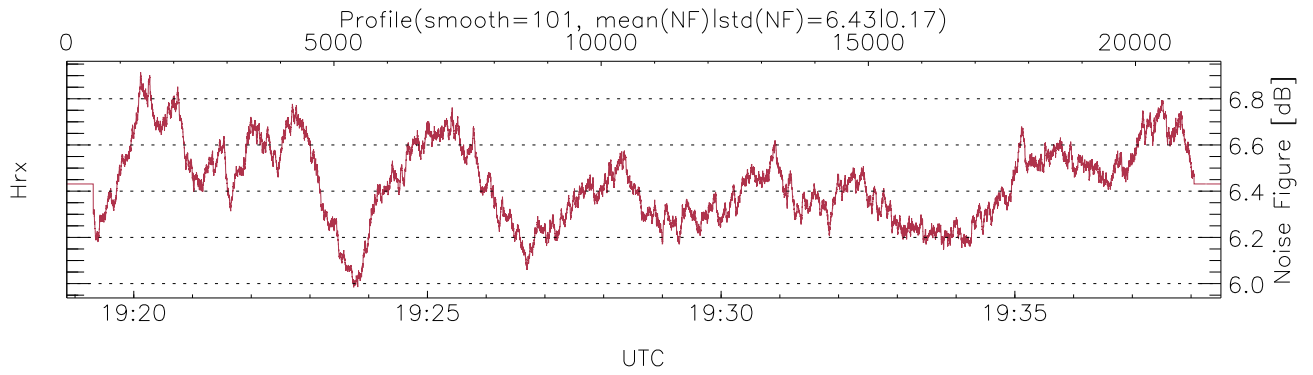
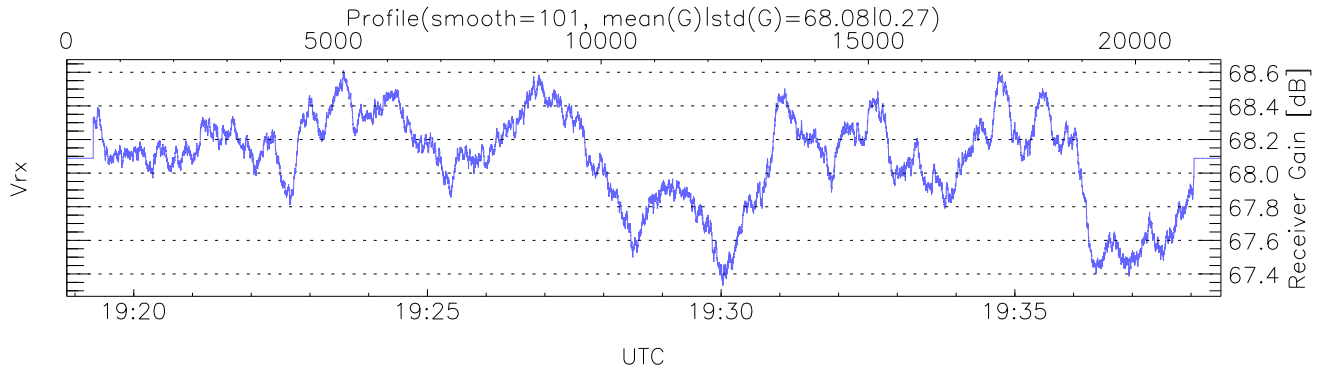
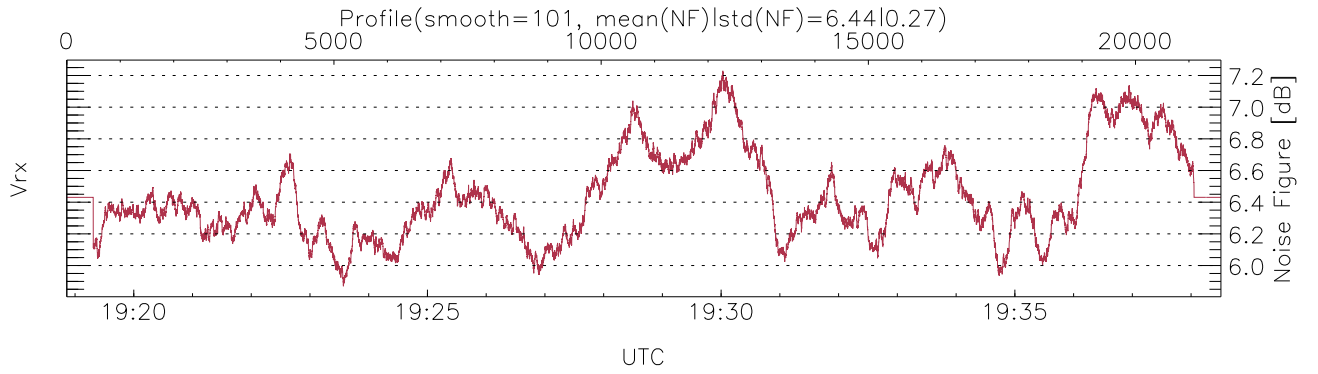
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

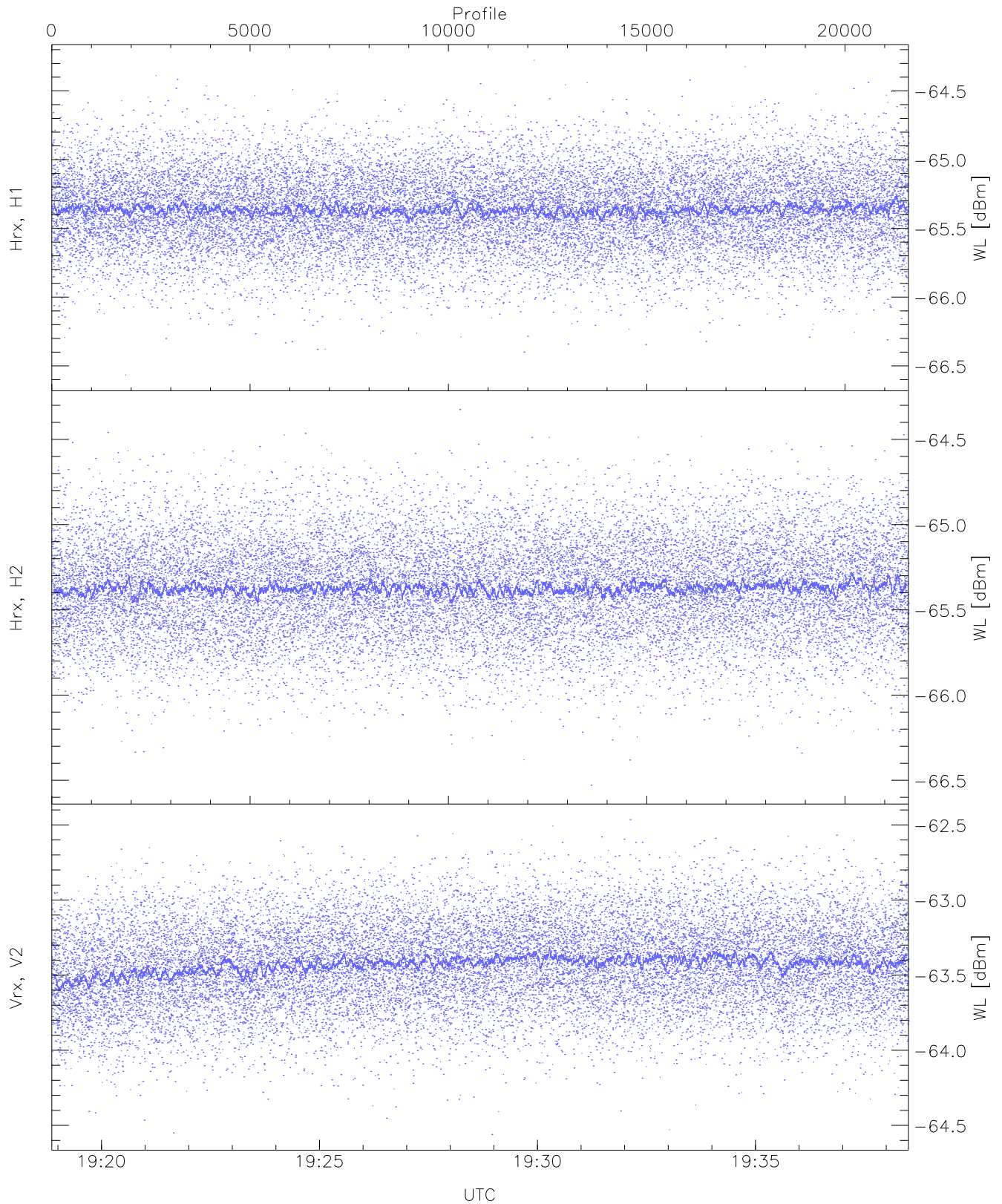
UTC: 19:18:52-19:51:12, Dur: 1940.14s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.6,54.6,54.6,0.0 ms / 18,18,18
 NumRec(r/t): 21600/35545, 0-21599/19:18:52-19:38:31
 AcqTime: 54.6ms, Rate: 400KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 15.4 15.4 15.4 15.4 15.4 KHz, IGS: 65us
 Range(min,max,rgs): 105,8740,15.0 m, Gates: 576, Aspect: 2.4



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

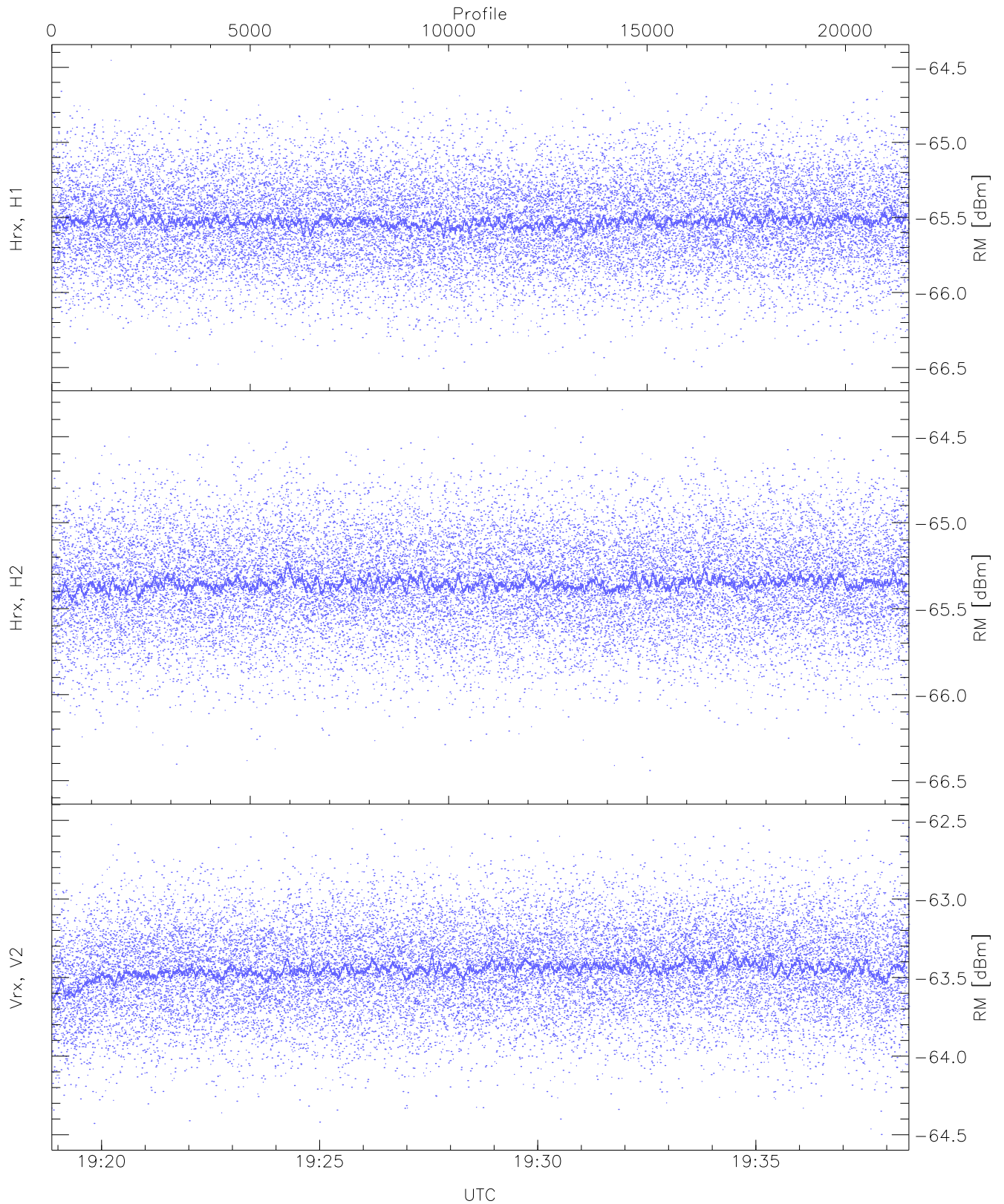
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,93,14,22,25,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,95,19,27,28,29
LOalarm(20,80,240,2.8,14.8 MHz): 10,0,0,24,0
EIK/Modulator Faults: None





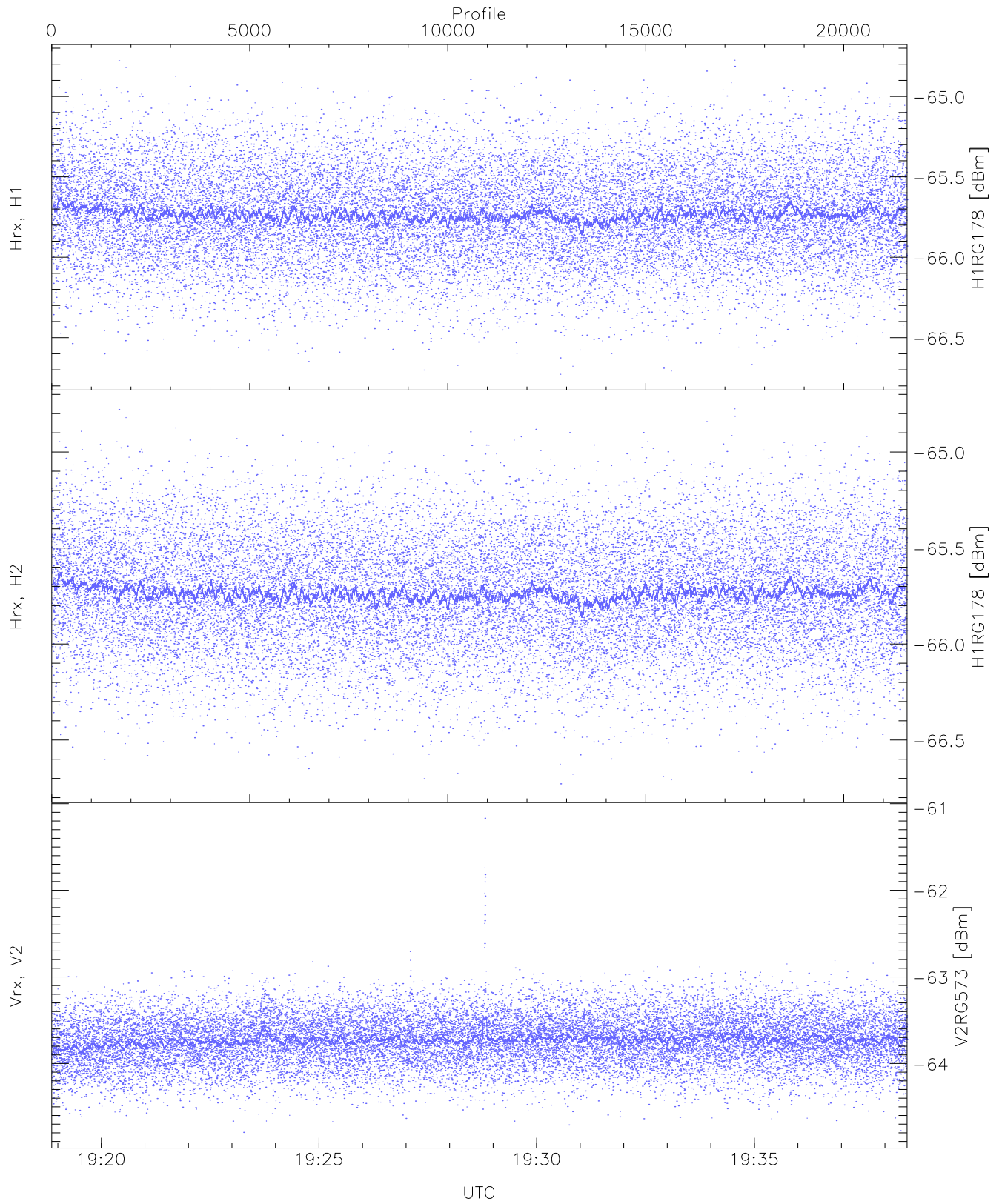
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -66.57 | -64.28 | -65.36 | -65.37 | -77.49 |
| Hrx, H2 (WL [dBm]) | -66.53 | -64.32 | -65.37 | -65.37 | -77.50 |
| Vrx, V2 (WL [dBm]) | -64.56 | -62.47 | -63.42 | -63.43 | -75.51 |



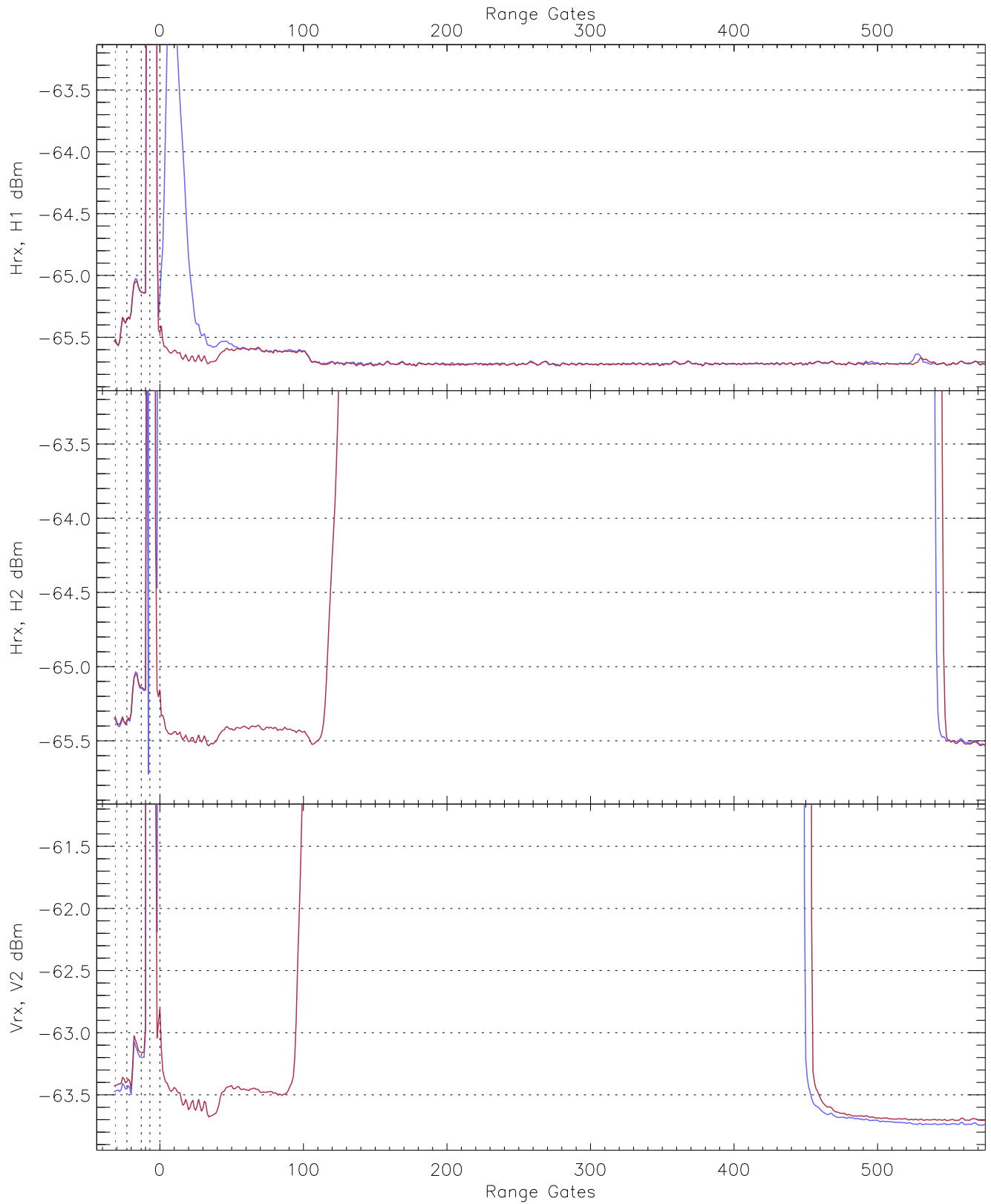
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -66.55 | -64.45 | -65.52 | -65.53 | -77.60 |
| Hrx, H2 (RM [dBm]) | -66.53 | -64.34 | -65.35 | -65.35 | -77.49 |
| Vrx, V2 (RM [dBm]) | -64.50 | -62.50 | -63.45 | -63.45 | -75.56 |

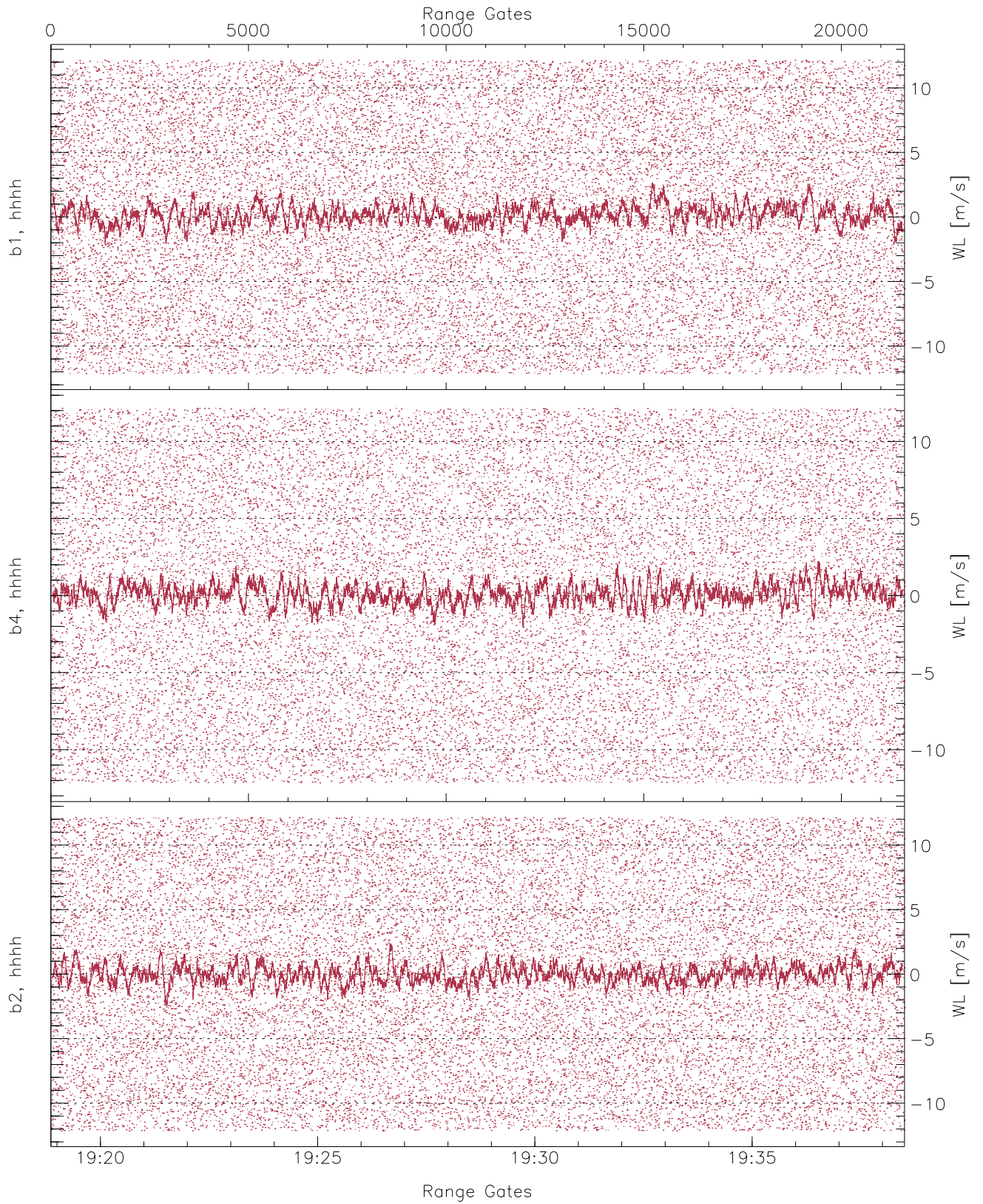


WCR2 CPP "Best" estimate Receivers Noise Power

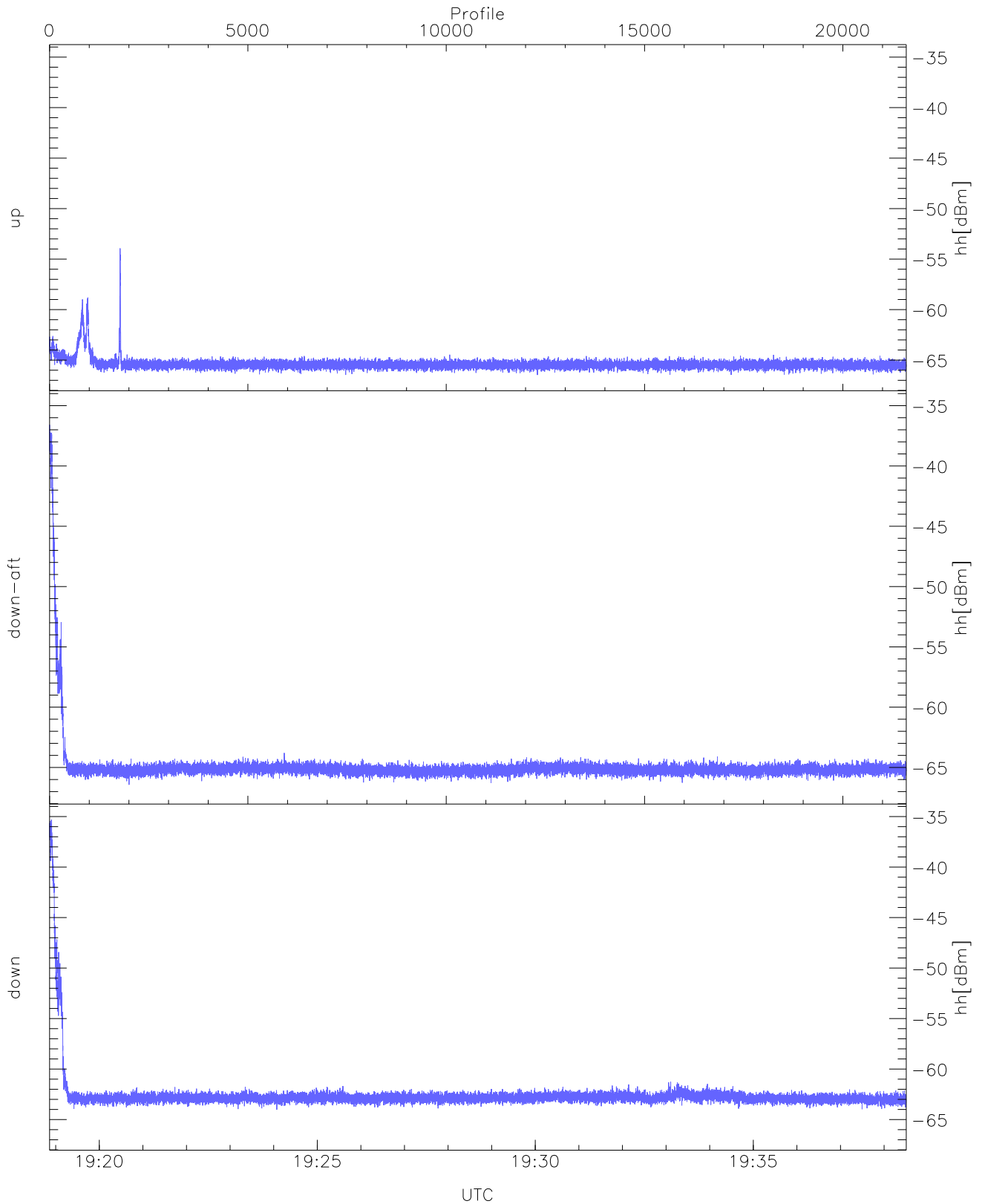
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RG178 [dBm] | -66.73 | -64.77 | -65.73 | -65.74 | -77.84 |
| H1RG178 [dBm] | -66.73 | -64.77 | -65.73 | -65.74 | -77.84 |
| V2RG573 [dBm] | -64.79 | -61.17 | -63.72 | -63.73 | -75.73 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 191852-192841, 10801 profiles averaged
red: 192841-193831, 10800 profiles averaged

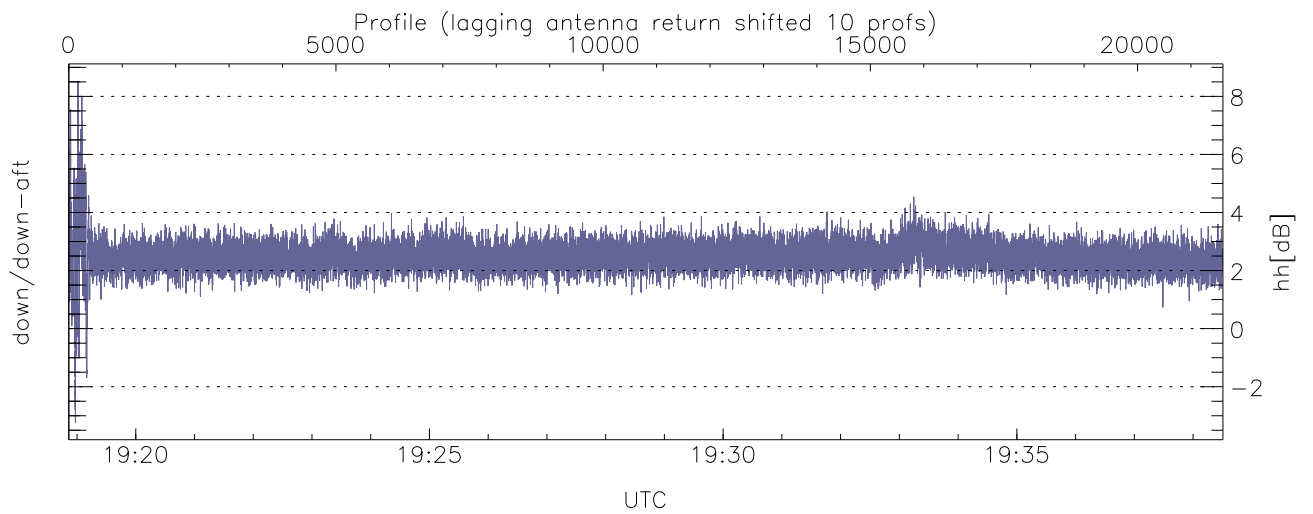
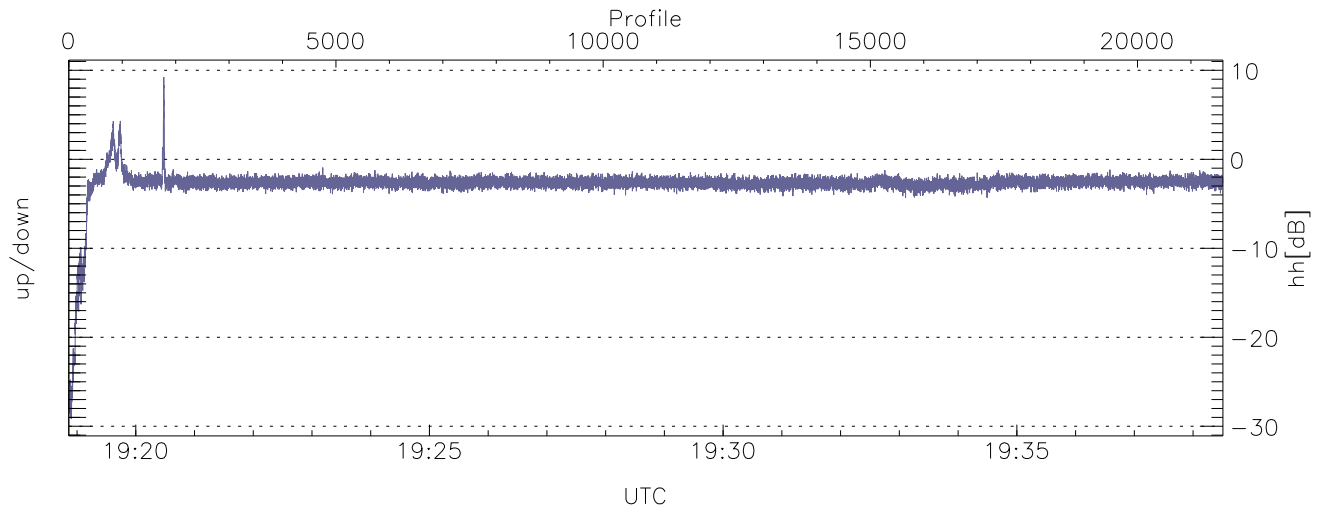


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



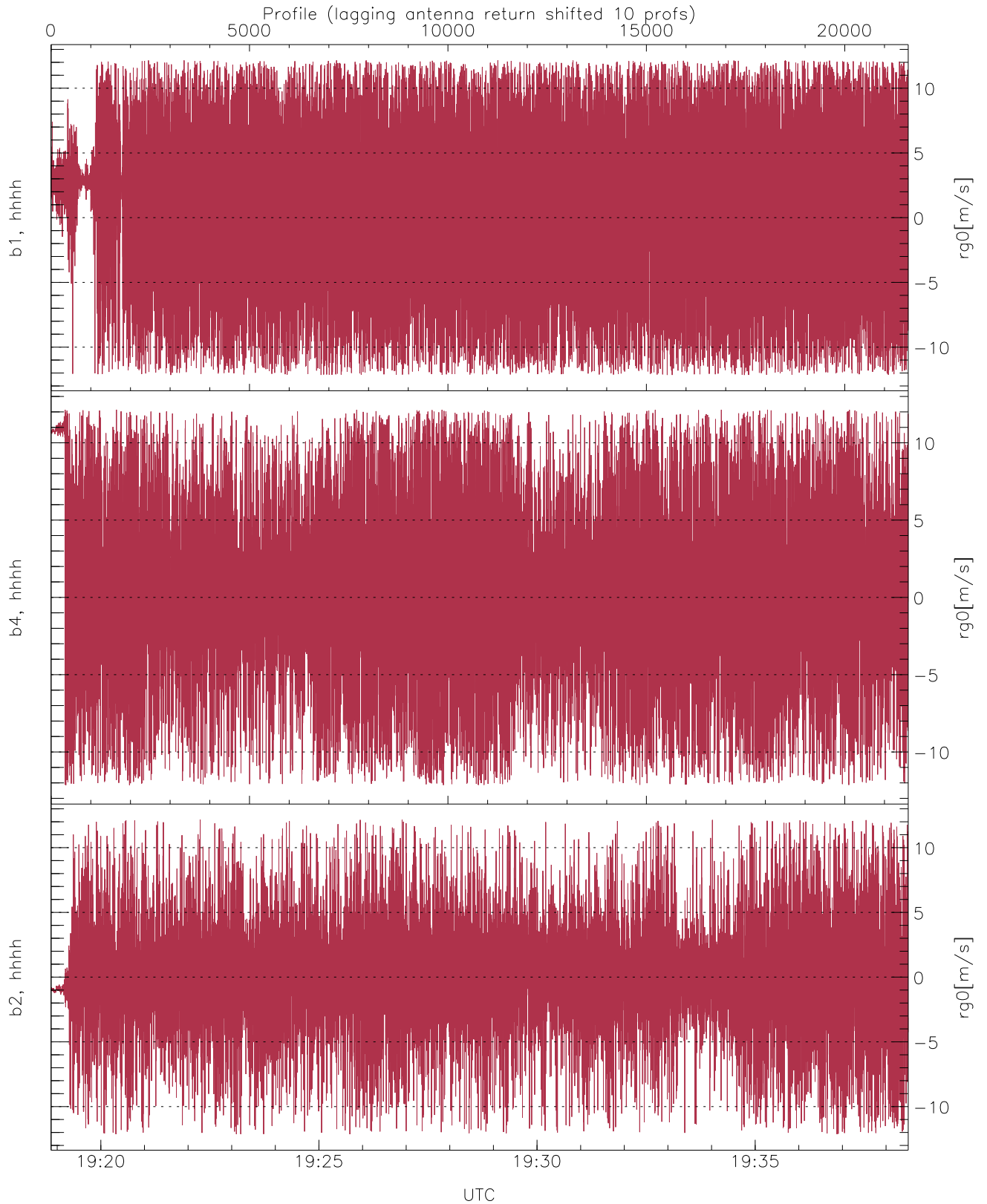
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|--------|--------|
| up(hh[dBm]) | -66.48 | -53.94 | -65.31 |
| down-aft(hh[dBm]) | -66.43 | -36.59 | -60.70 |
| down(hh[dBm]) | -64.02 | -35.32 | -58.32 |



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

| | Min | Max | Mean |
|-----------------------|--------|------|-------|
| up/down(hh[dB]) | -29.16 | 9.23 | -2.48 |
| down/down-aft(hh[dB]) | -3.24 | 8.53 | 2.50 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -12.15 | 12.15 | 0.84 | 5.93 |
| b4, hhhh(rg0[m/s]) | -12.15 | 12.14 | 0.35 | 5.11 |
| b2, hhhh(rg0[m/s]) | -12.13 | 12.15 | -0.04 | 3.64 |