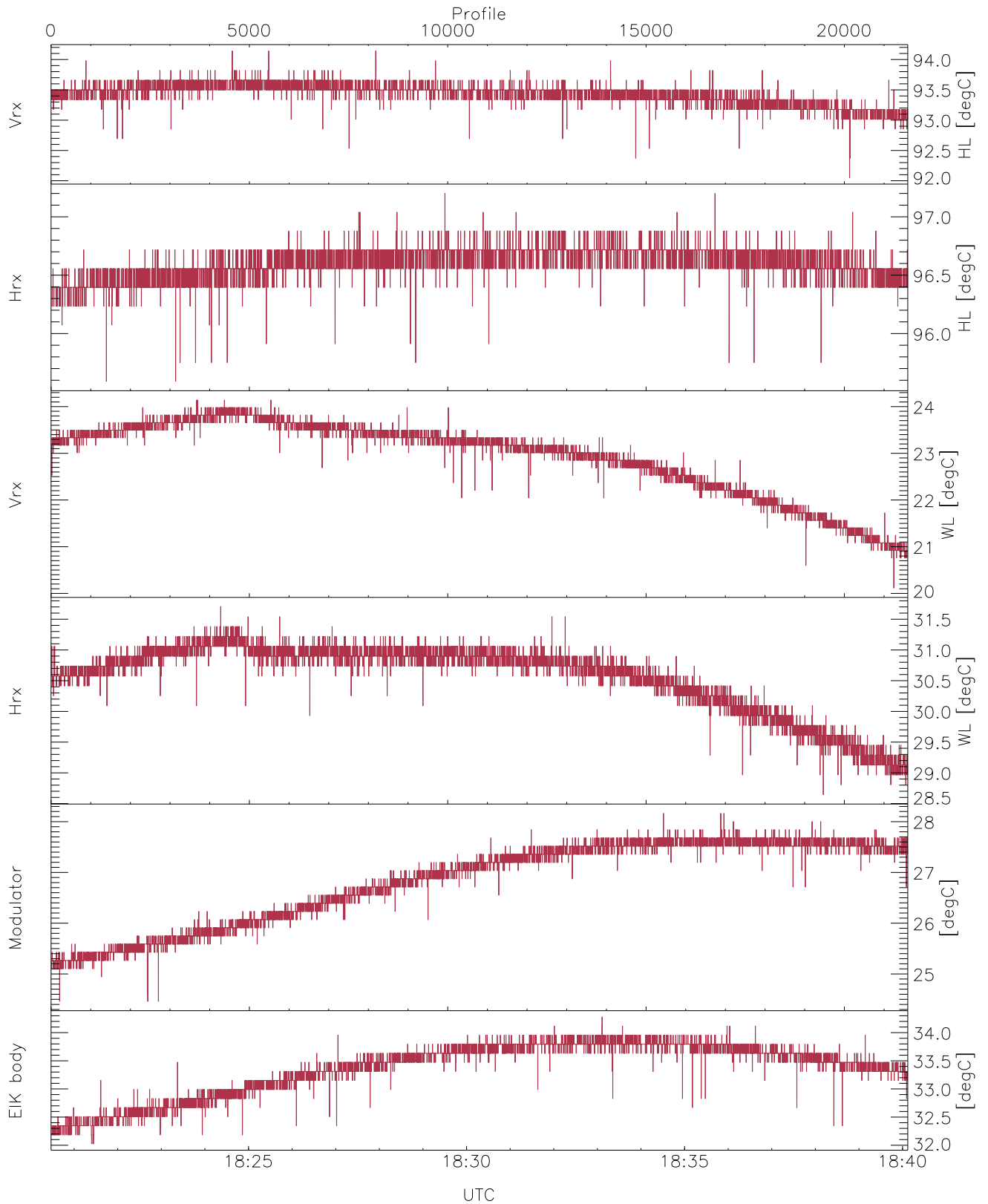


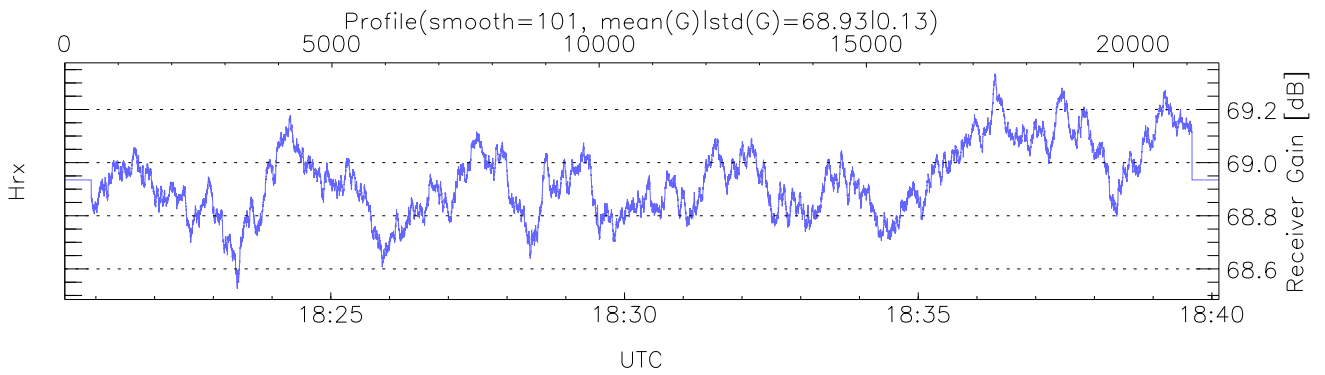
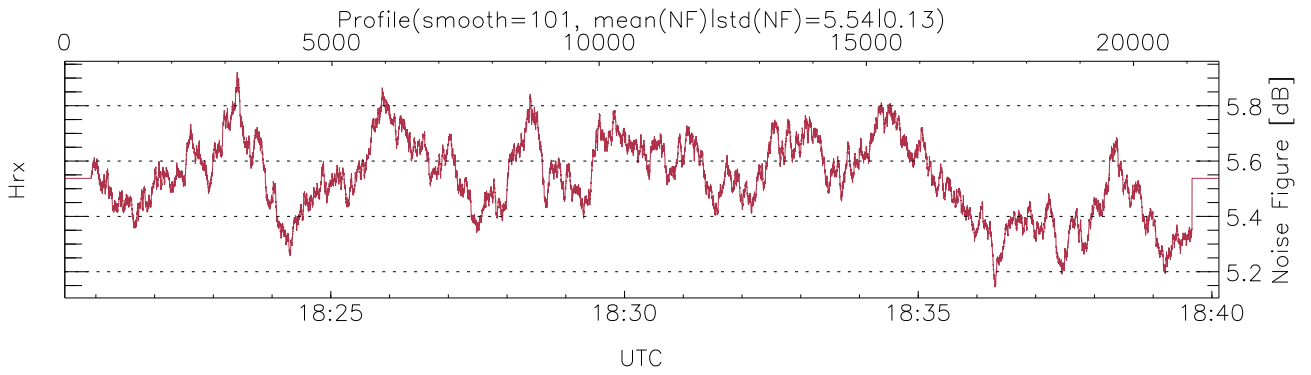
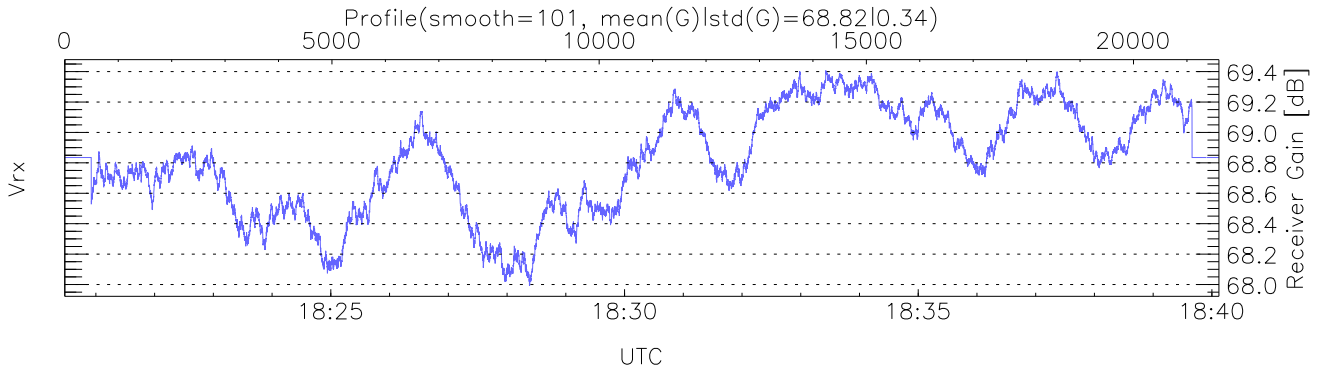
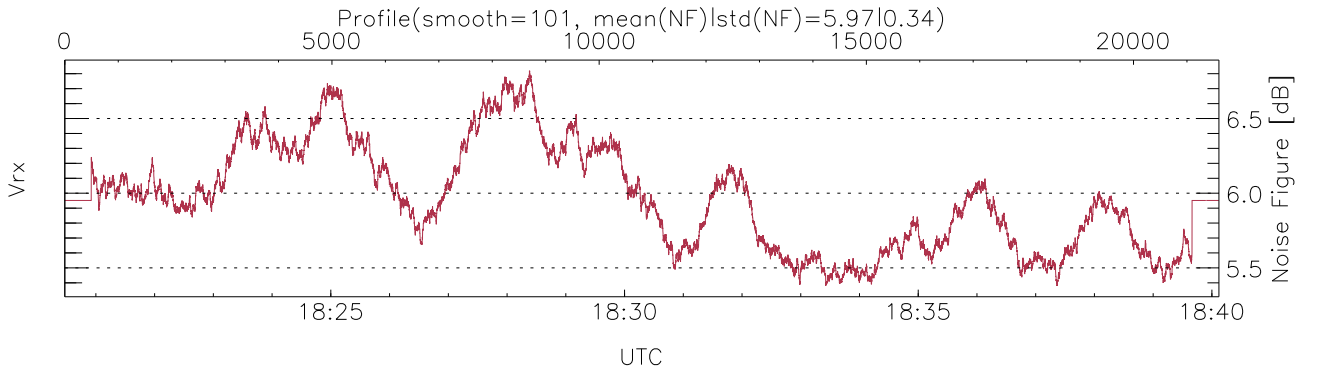
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

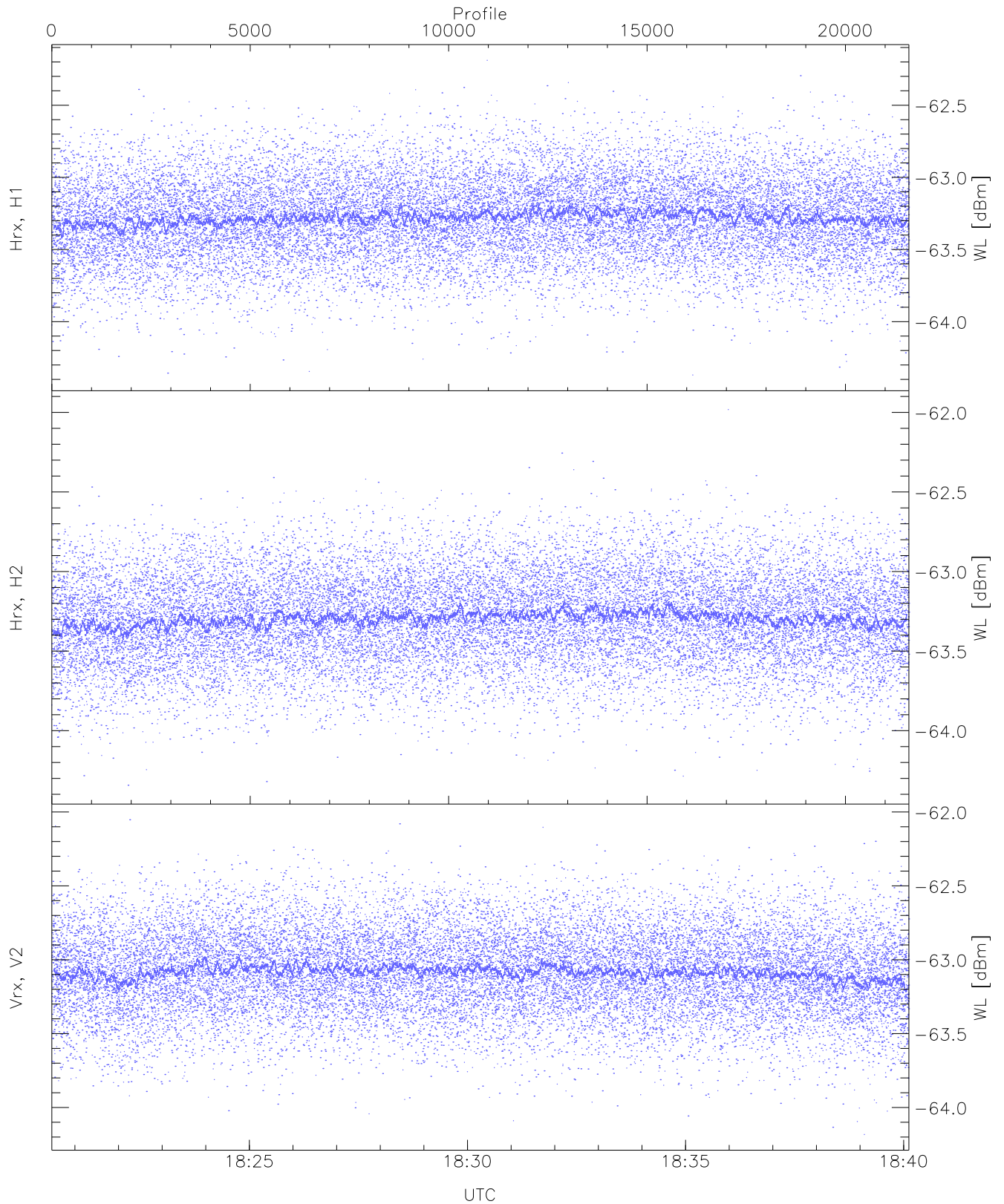
UTC: 18:20:28-18:57:33, Dur: 2224.85s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.6,54.6,54.6,0.0 ms / 18,18,18
 NumRec(r/t): 21600/40761, 0-21599/18:20:28-18:40:07
 AcqTime: 54.6ms, Rate: 400KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

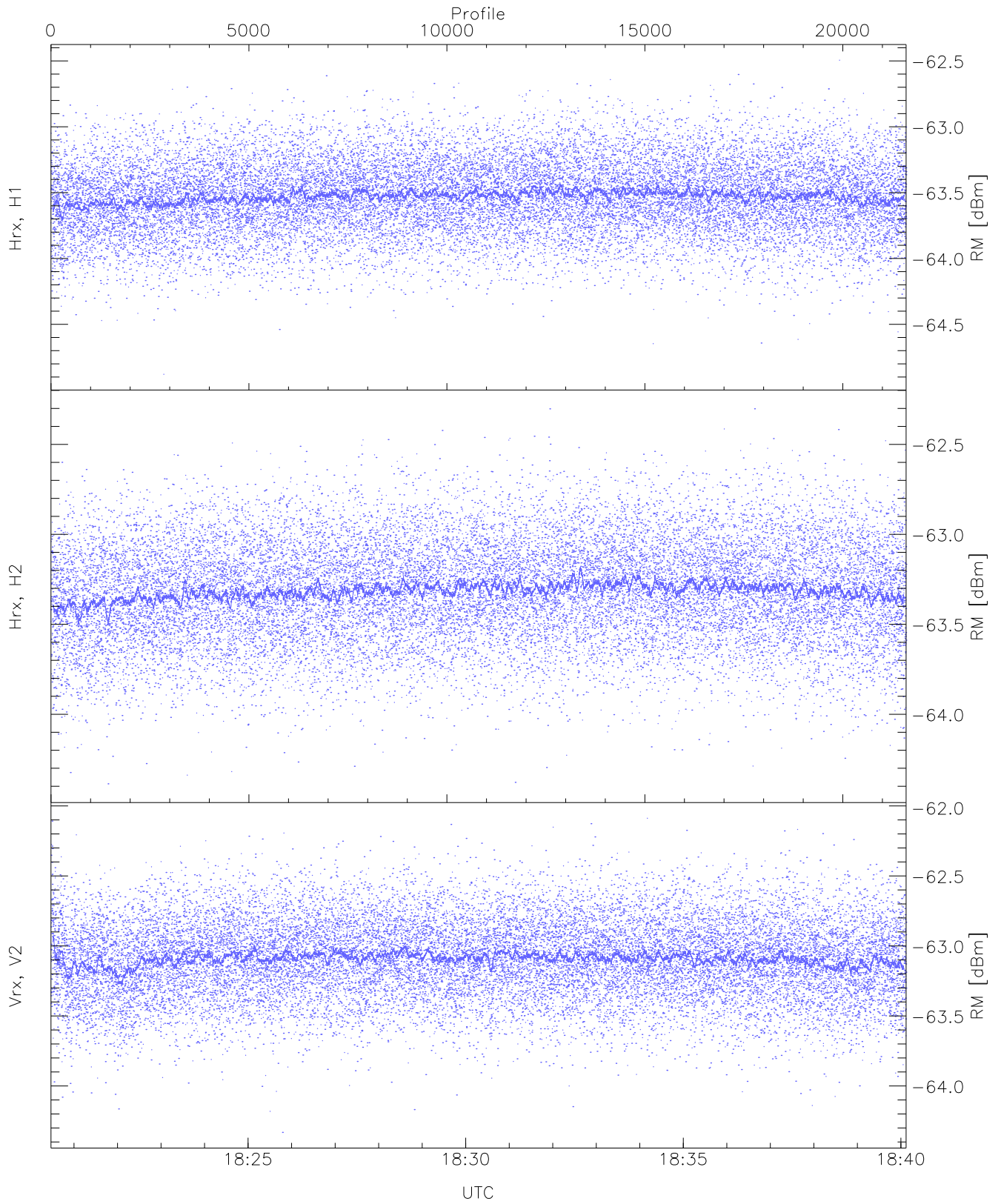
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,95,20,28,24,32`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,97,24,31,28,34`
`LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,10,0`
`EIK/Modulator Faults: None`





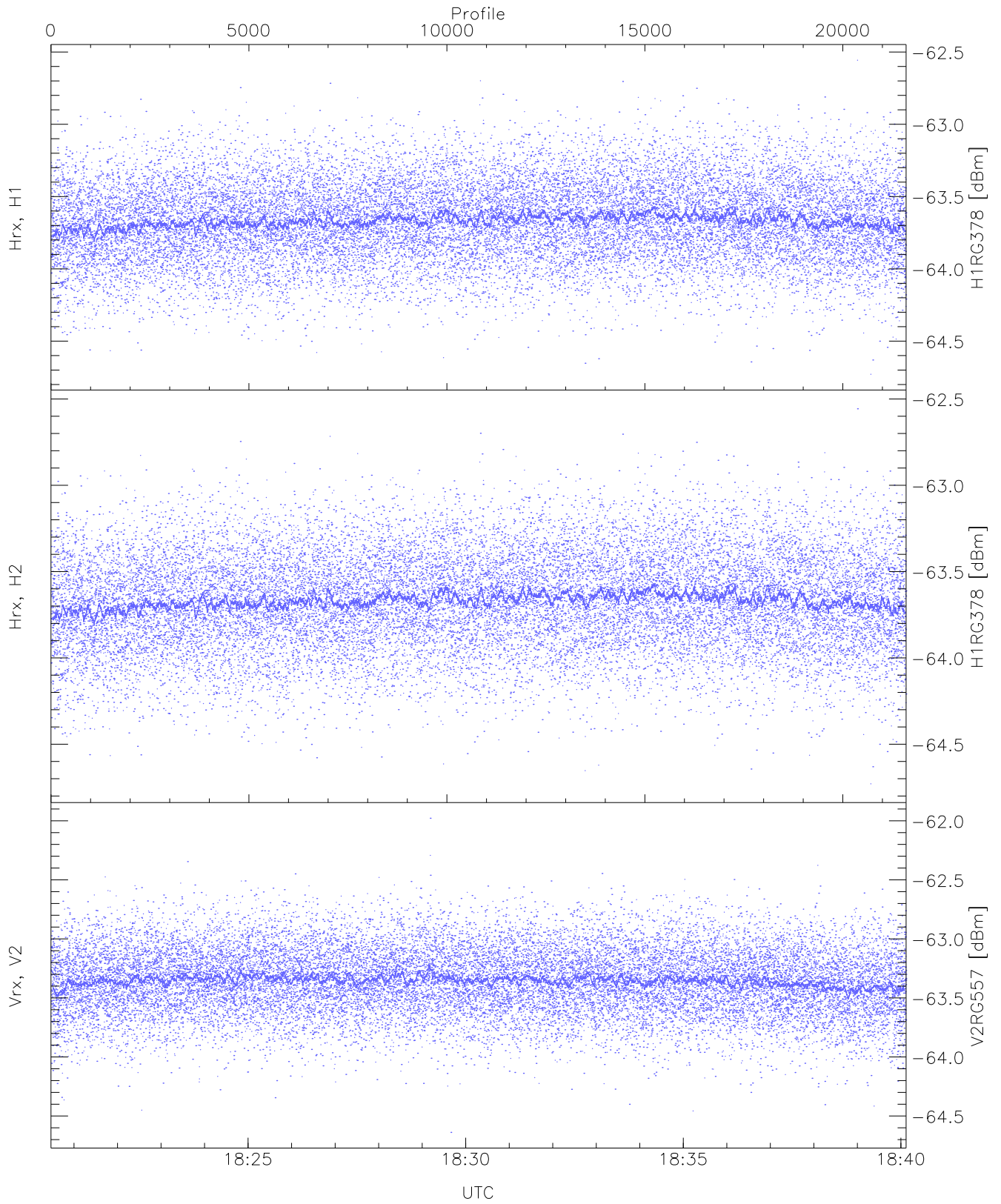
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.37 | -62.19 | -63.28 | -63.28 | -75.41 |
| Hrx, H2 (WL [dBm]) | -64.34 | -61.98 | -63.29 | -63.30 | -75.43 |
| Vrx, V2 (WL [dBm]) | -64.18 | -62.05 | -63.08 | -63.09 | -75.22 |



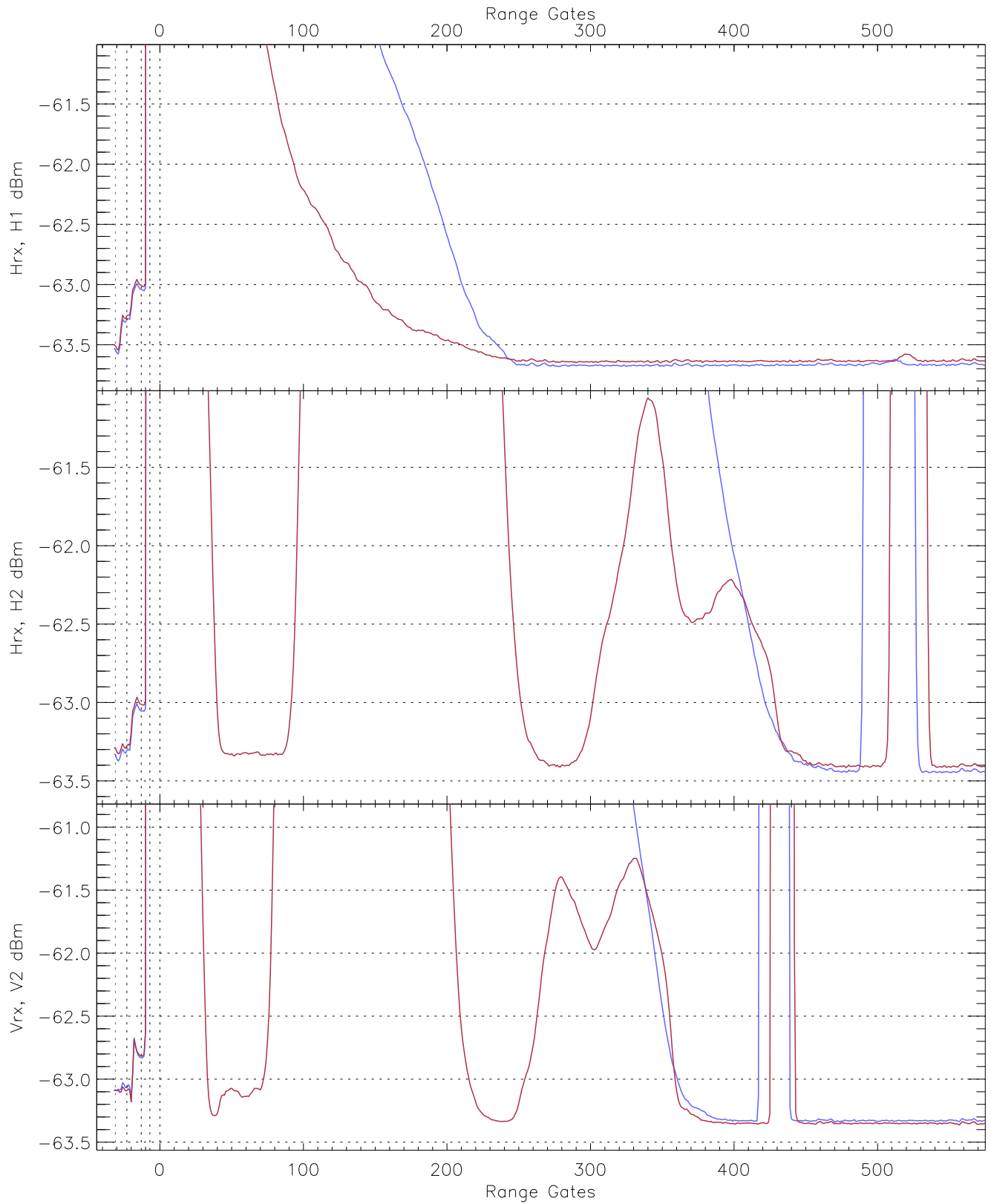
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(RM [dBm]) | -64.88 | -62.49 | -63.53 | -63.53 | -75.64 |
| Hrx, H2(RM [dBm]) | -64.39 | -62.30 | -63.31 | -63.32 | -75.44 |
| Vrx, V2(RM [dBm]) | -64.33 | -62.09 | -63.09 | -63.09 | -75.18 |

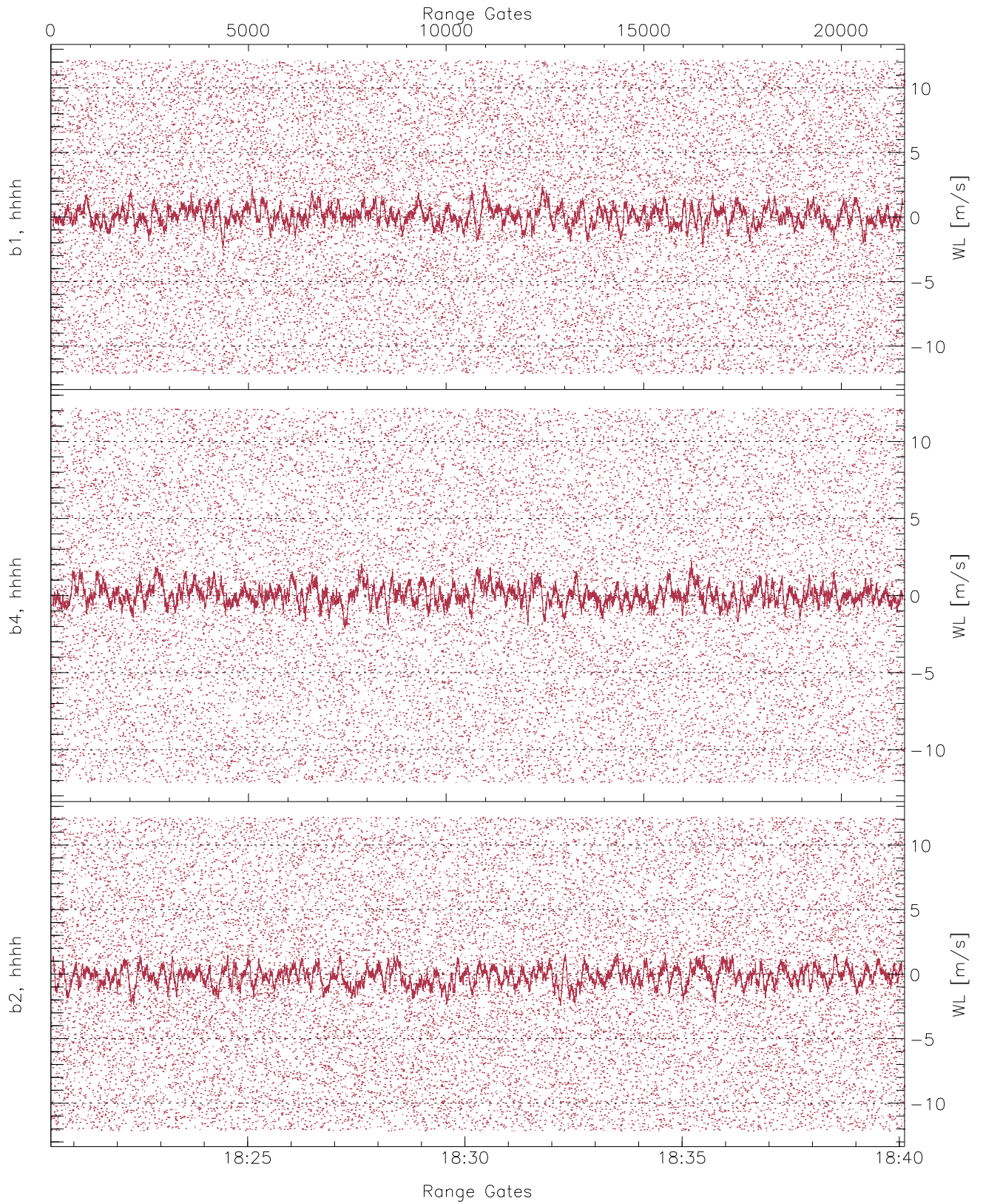


WCR2 CPP "Best" estimate Receivers Noise Power

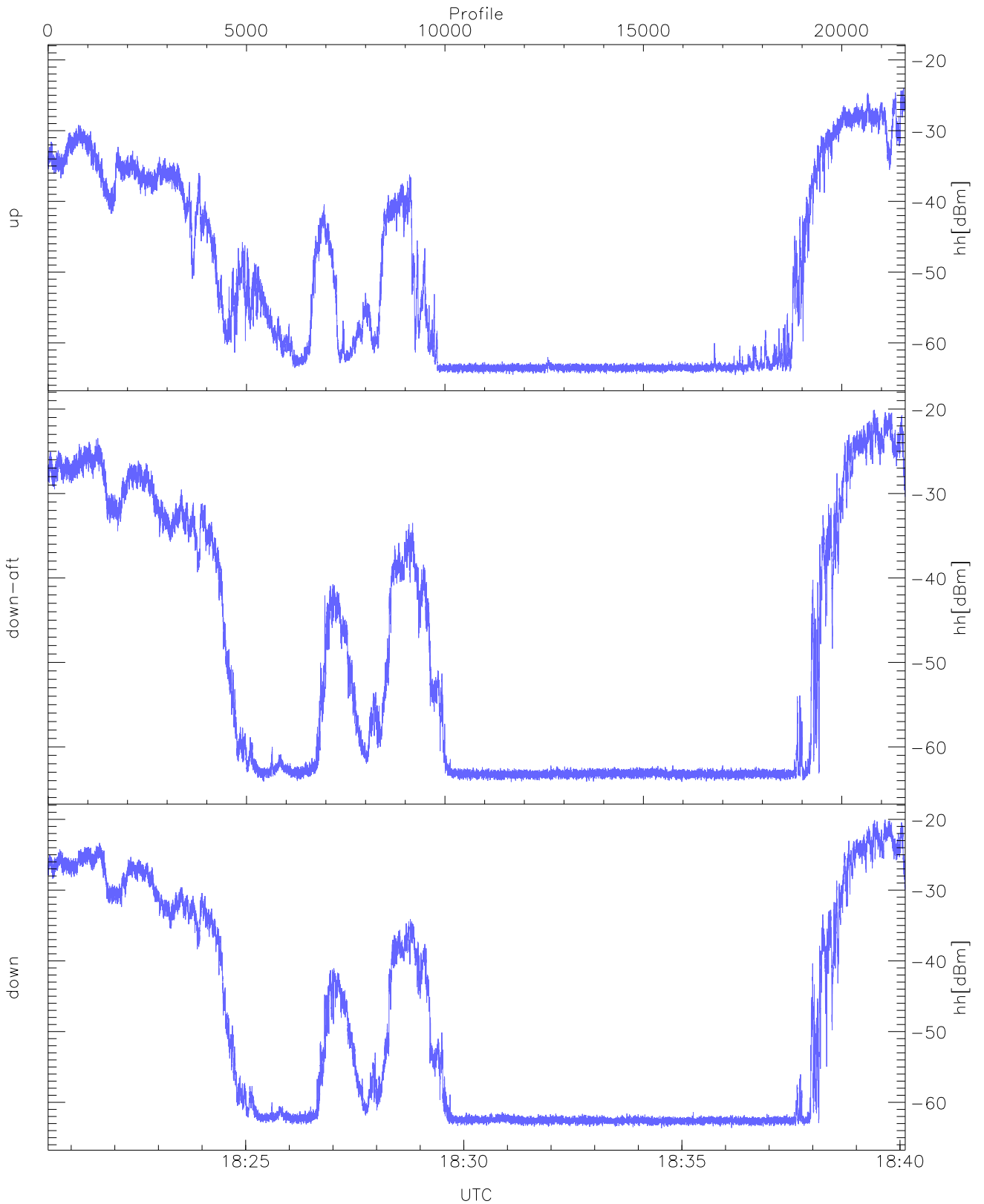
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RG378 [dBm] | -64.73 | -62.56 | -63.66 | -63.67 | -75.83 |
| H1RG378 [dBm] | -64.73 | -62.56 | -63.66 | -63.67 | -75.83 |
| V2RG557 [dBm] | -64.64 | -61.98 | -63.35 | -63.36 | -75.43 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 182028-183017, 10801 profiles averaged
red: 183017-184007, 10800 profiles averaged

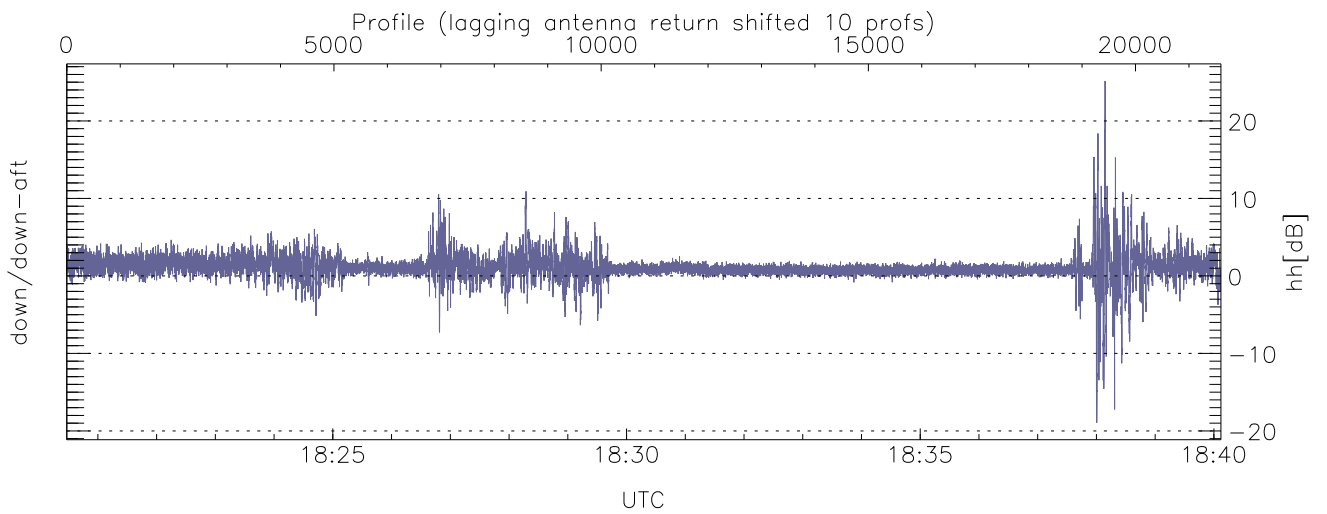
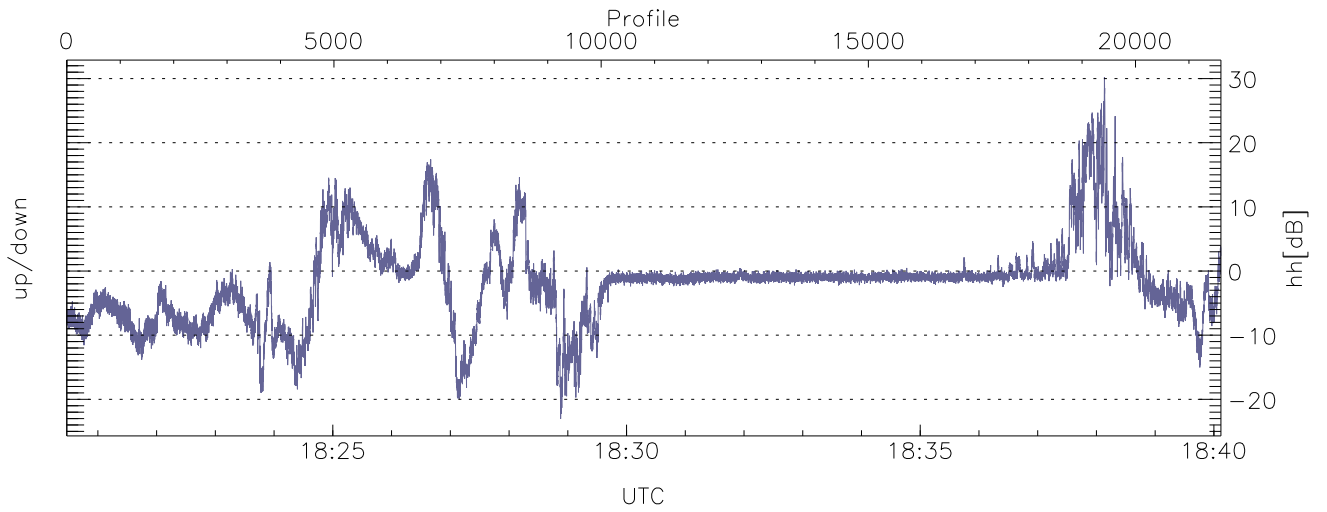


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



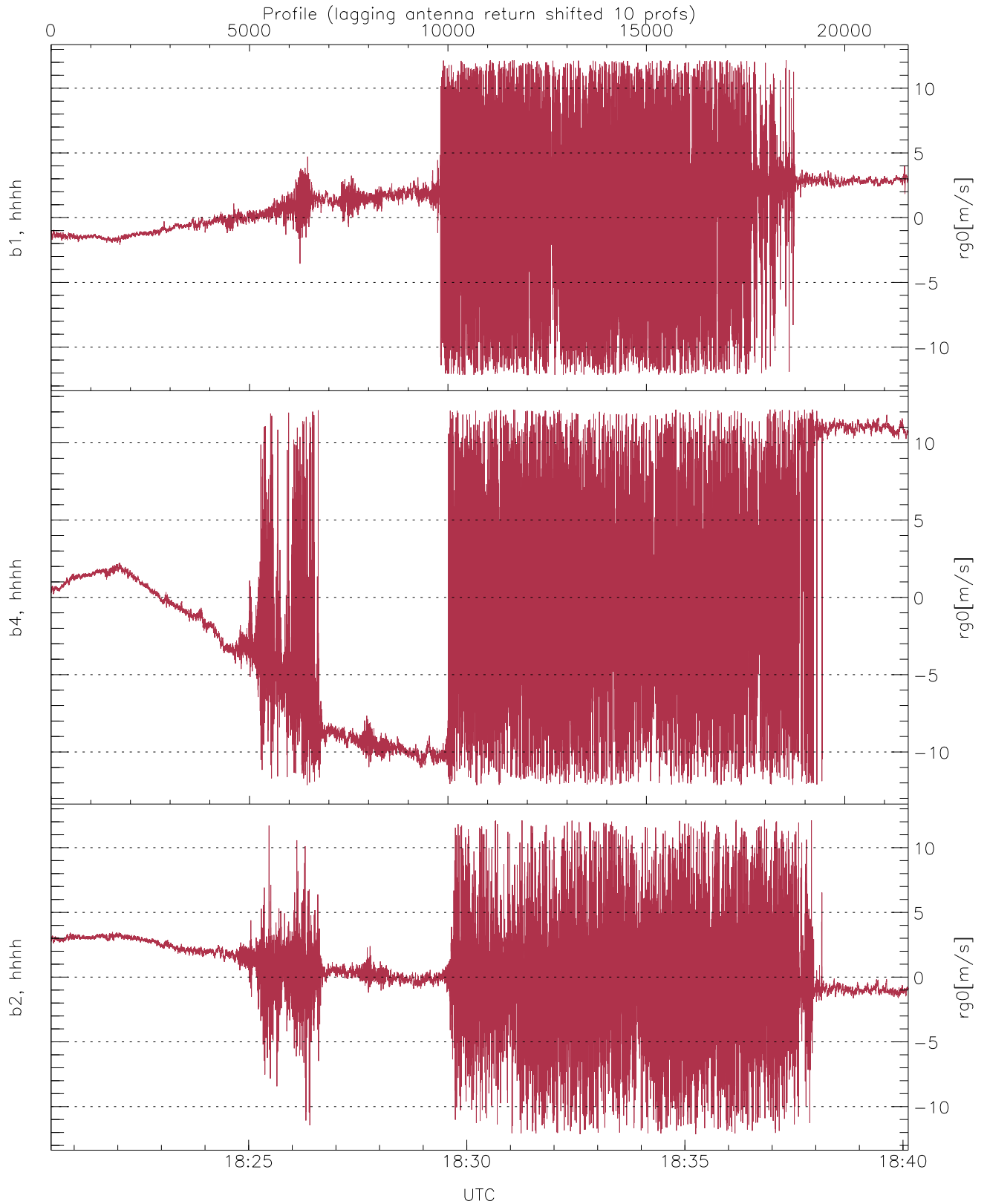
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|--------|--------|
| up(hh[dBm]) | -64.54 | -23.99 | -36.90 |
| down-aft(hh[dBm]) | -64.14 | -20.11 | -32.33 |
| down(hh[dBm]) | -63.65 | -20.06 | -31.97 |



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

| | Min | Max | Mean |
|-----------------------|--------|-------|-------|
| up/down(hh[dB]) | -23.04 | 30.22 | -1.09 |
| down/down-aft(hh[dB]) | -18.93 | 25.16 | 1.12 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -12.15 | 12.15 | 0.63 | 4.28 |
| b4, hhhh(rg0[m/s]) | -12.15 | 12.15 | -0.50 | 6.69 |
| b2, hhhh(rg0[m/s]) | -12.14 | 12.15 | 0.44 | 3.15 |