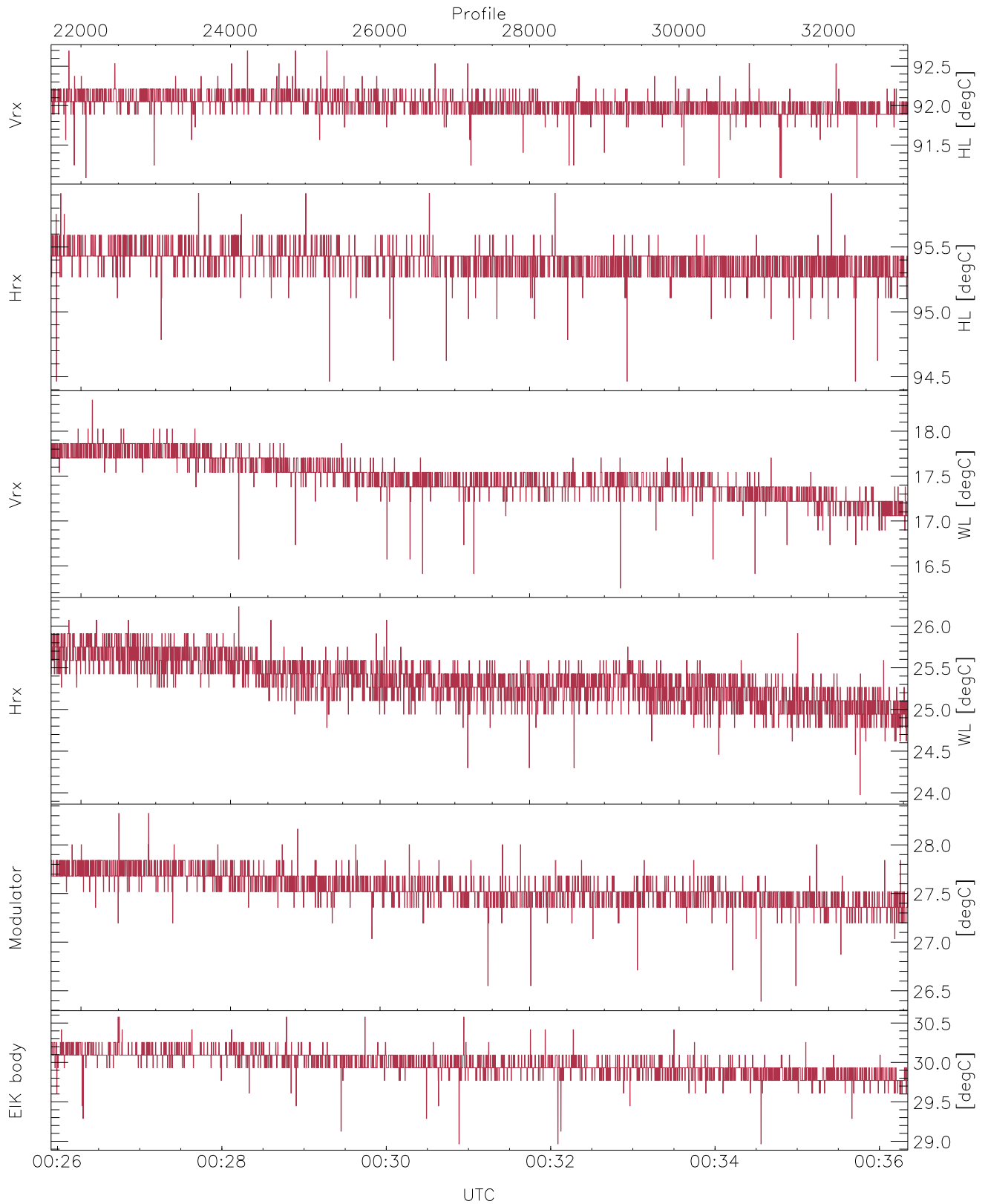


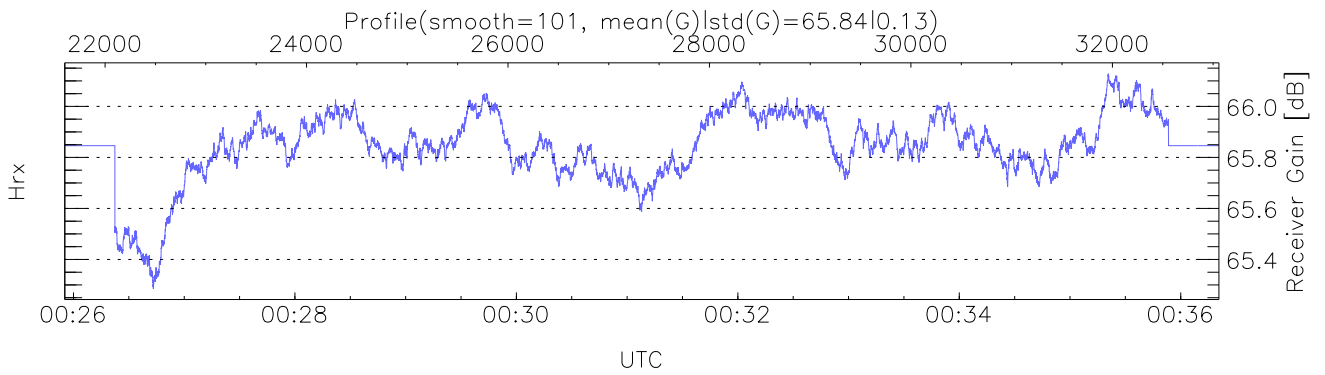
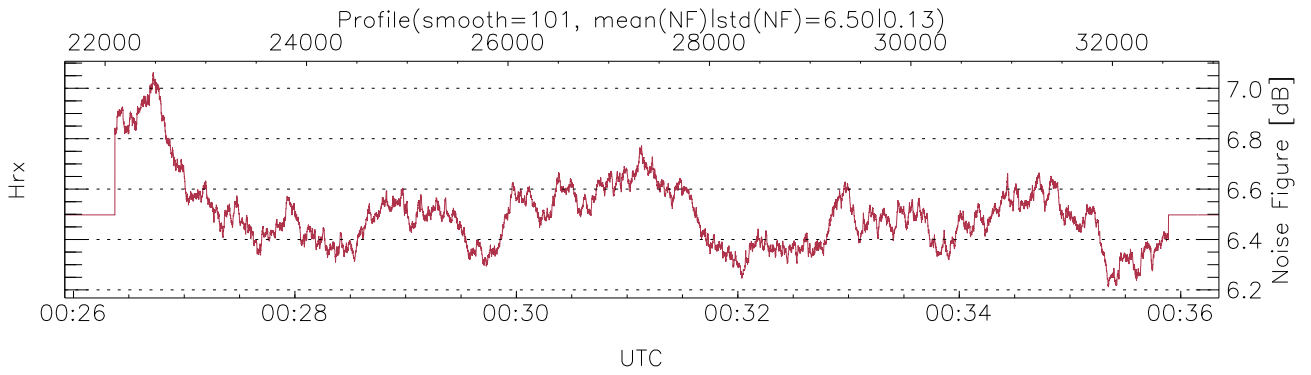
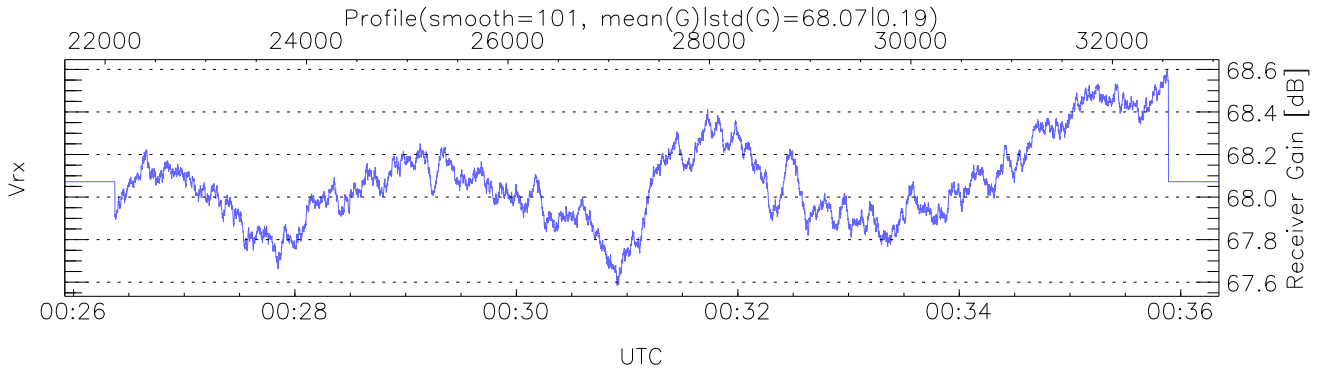
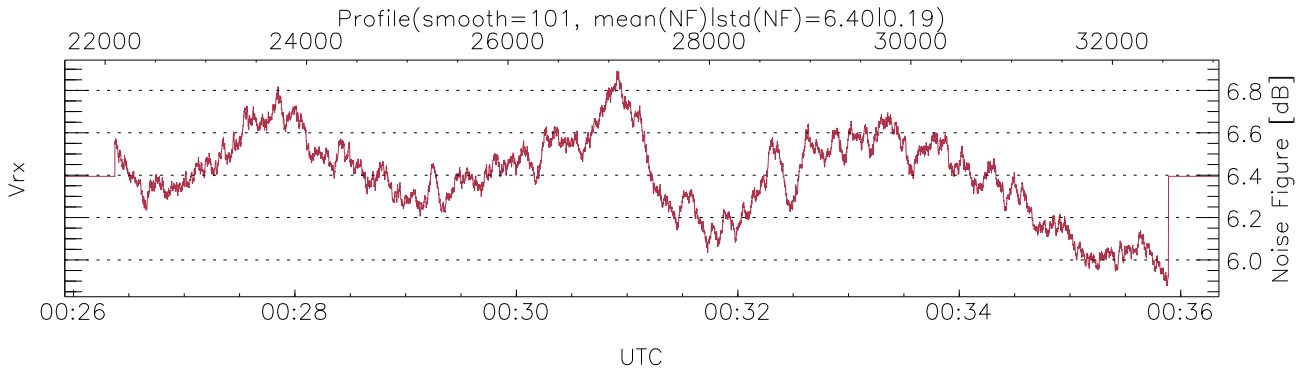
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

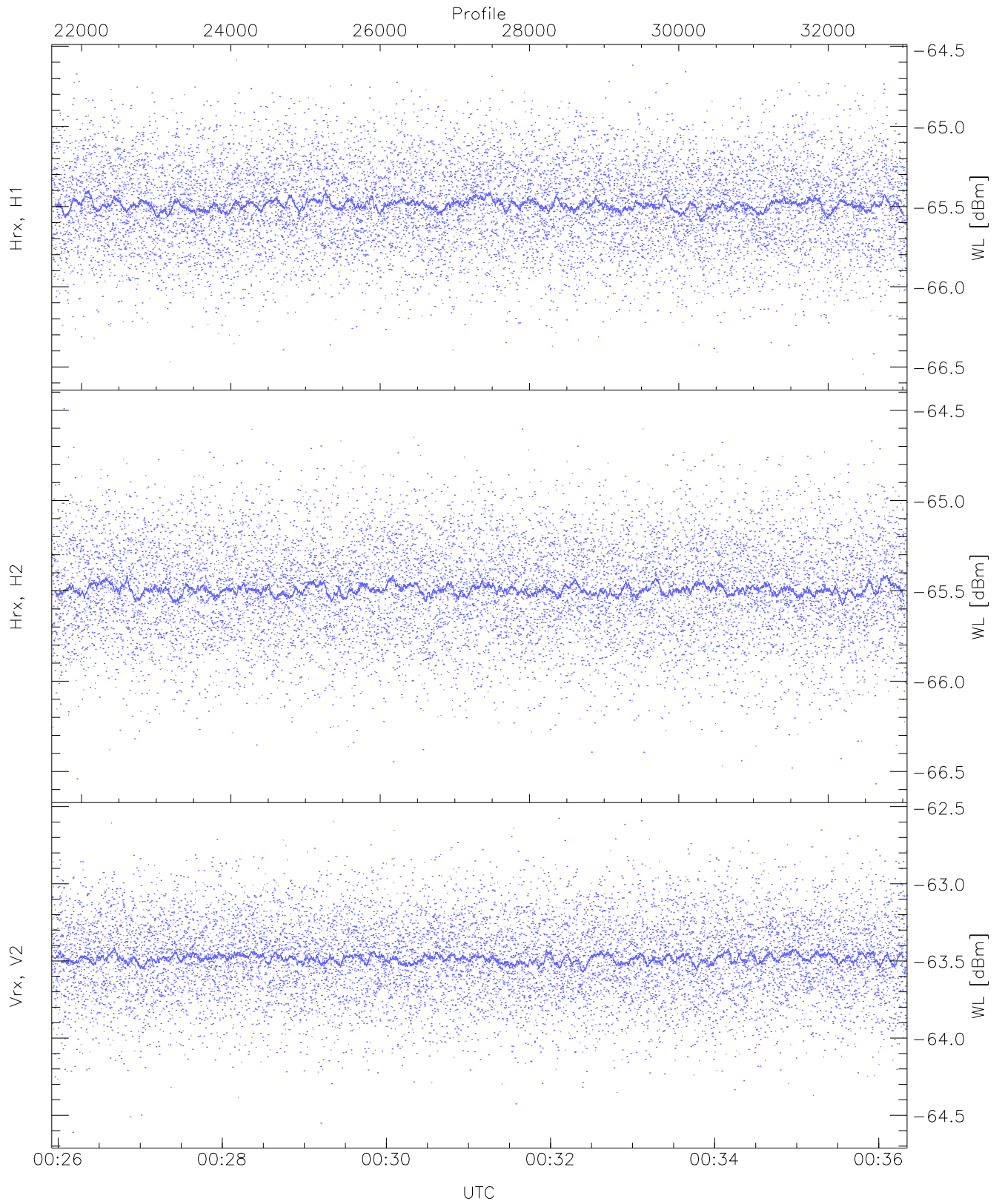
UTC: 00:06:16-00:36:21, Dur: 1804.45s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 54.6,54.6,54.6,0.0 ms / 18,18,18  
 NumRec(r/t): 11459/33059, 21600-33058/00:25:55-00:36:21  
 AcqTime: 54.6ms, Rate: 400KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 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

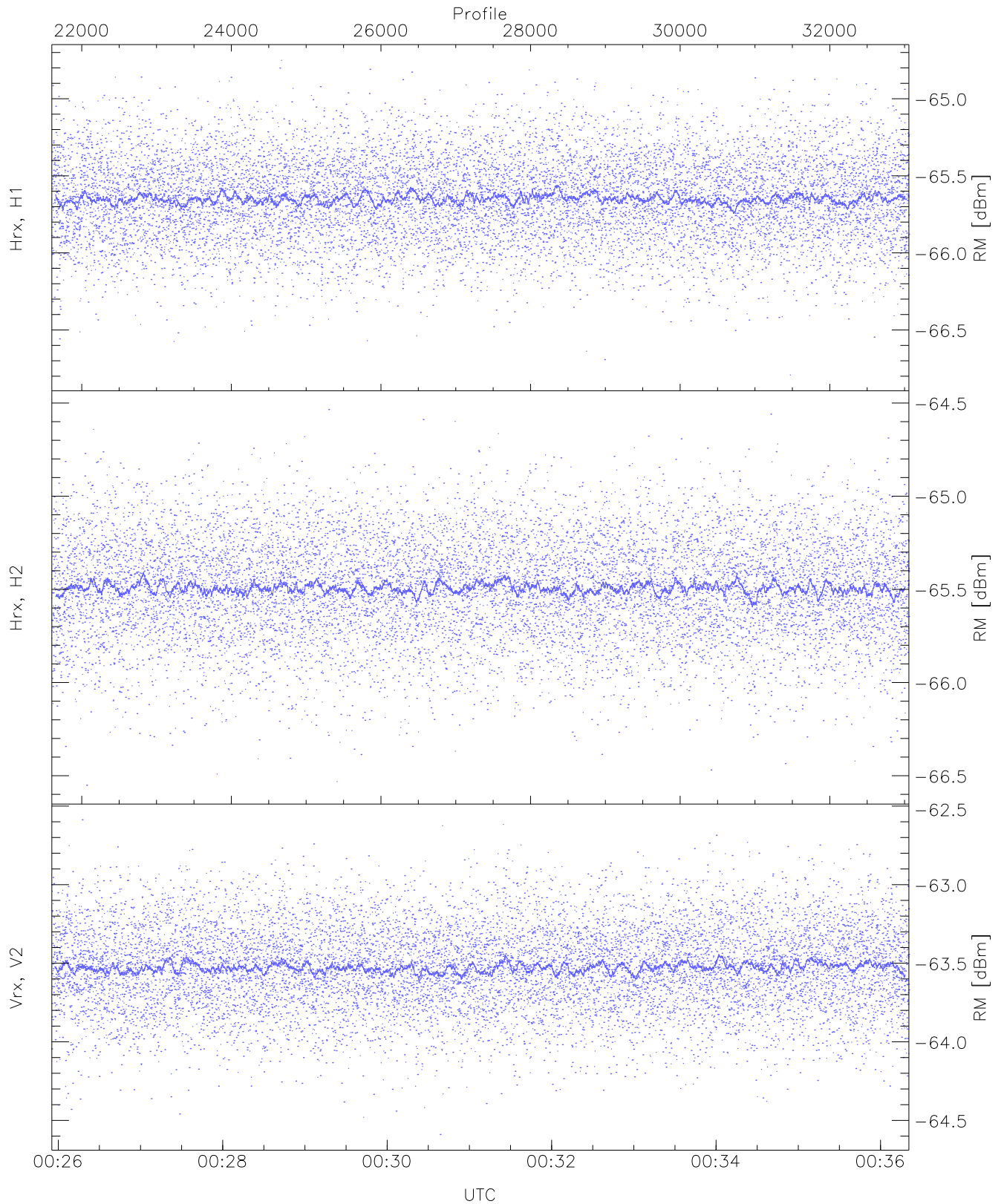
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,94,16,23,26,28  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,95,18,26,28,30  
LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,5,0  
EIK/Modulator Faults: None





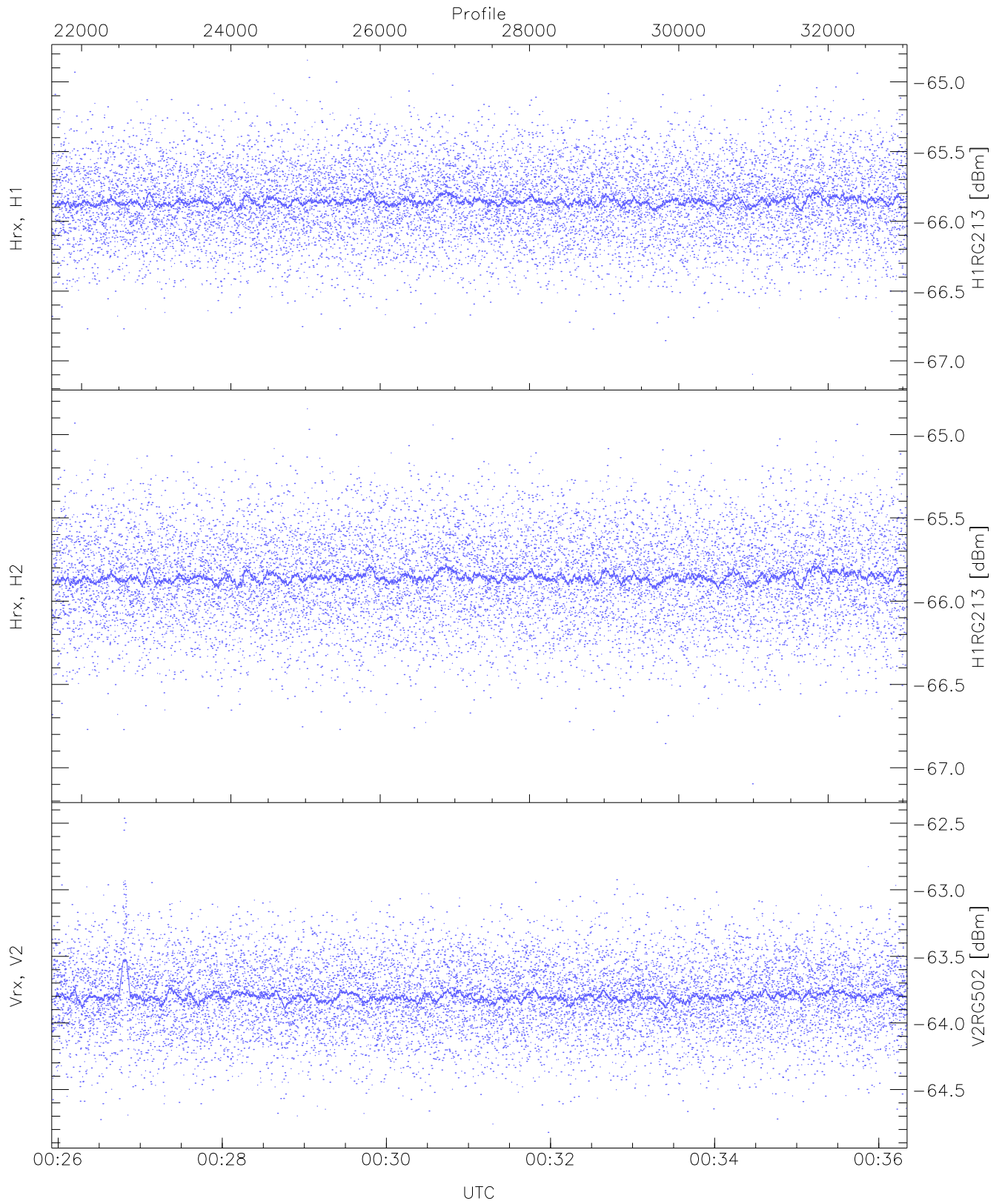
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -66.55 | -64.59 | -65.49 | -65.49 | -77.63 |
| Hrx, H2 (WL [dBm]) | -66.57 | -64.49 | -65.49 | -65.49 | -77.61 |
| Vrx, V2 (WL [dBm]) | -64.61 | -62.58 | -63.48 | -63.48 | -75.70 |



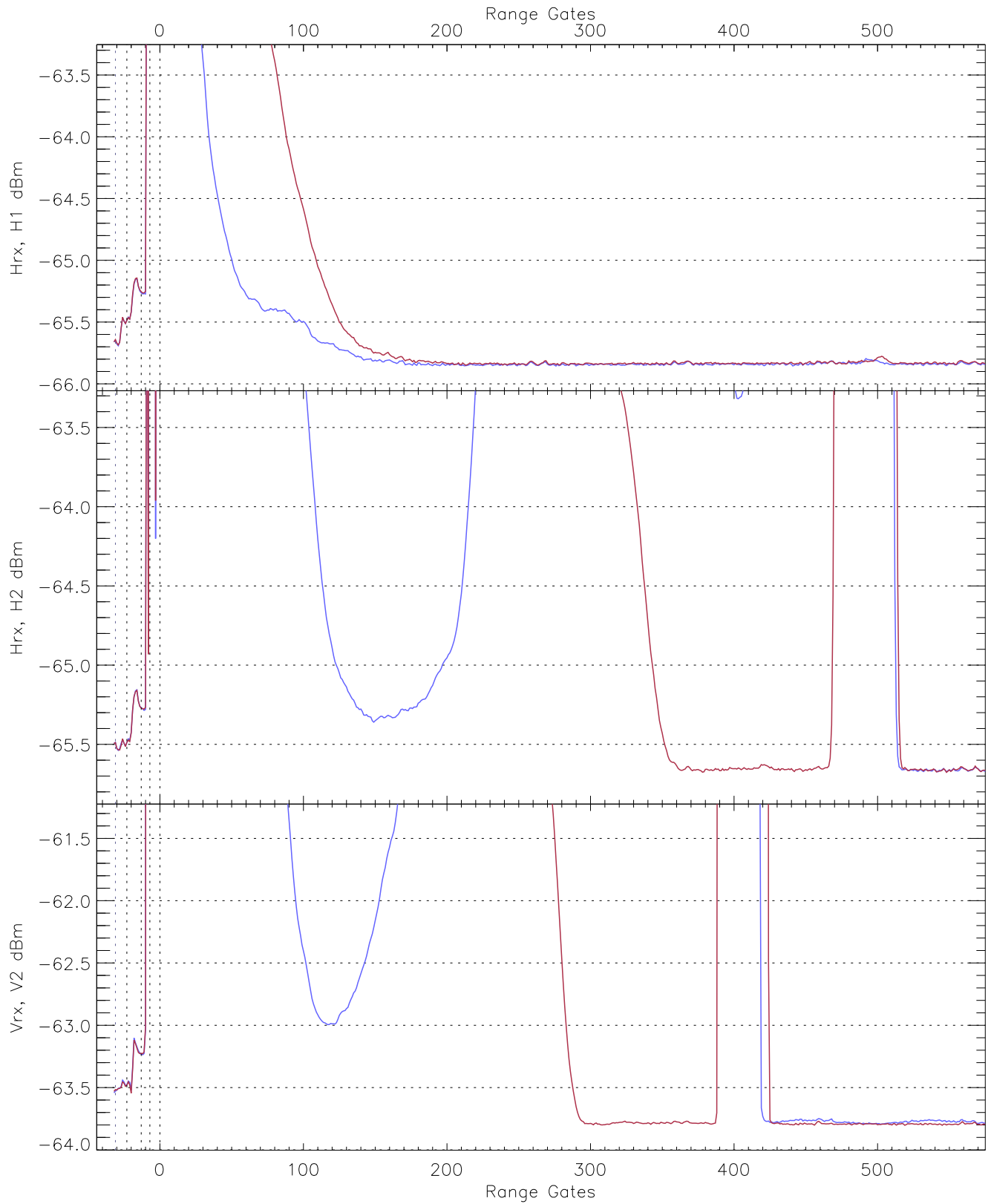
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -66.79 | -64.75 | -65.64 | -65.65 | -77.81 |
| Hrx, H2 (RM [dBm]) | -66.55 | -64.53 | -65.49 | -65.49 | -77.65 |
| Vrx, V2 (RM [dBm]) | -64.59 | -62.59 | -63.52 | -63.53 | -75.71 |

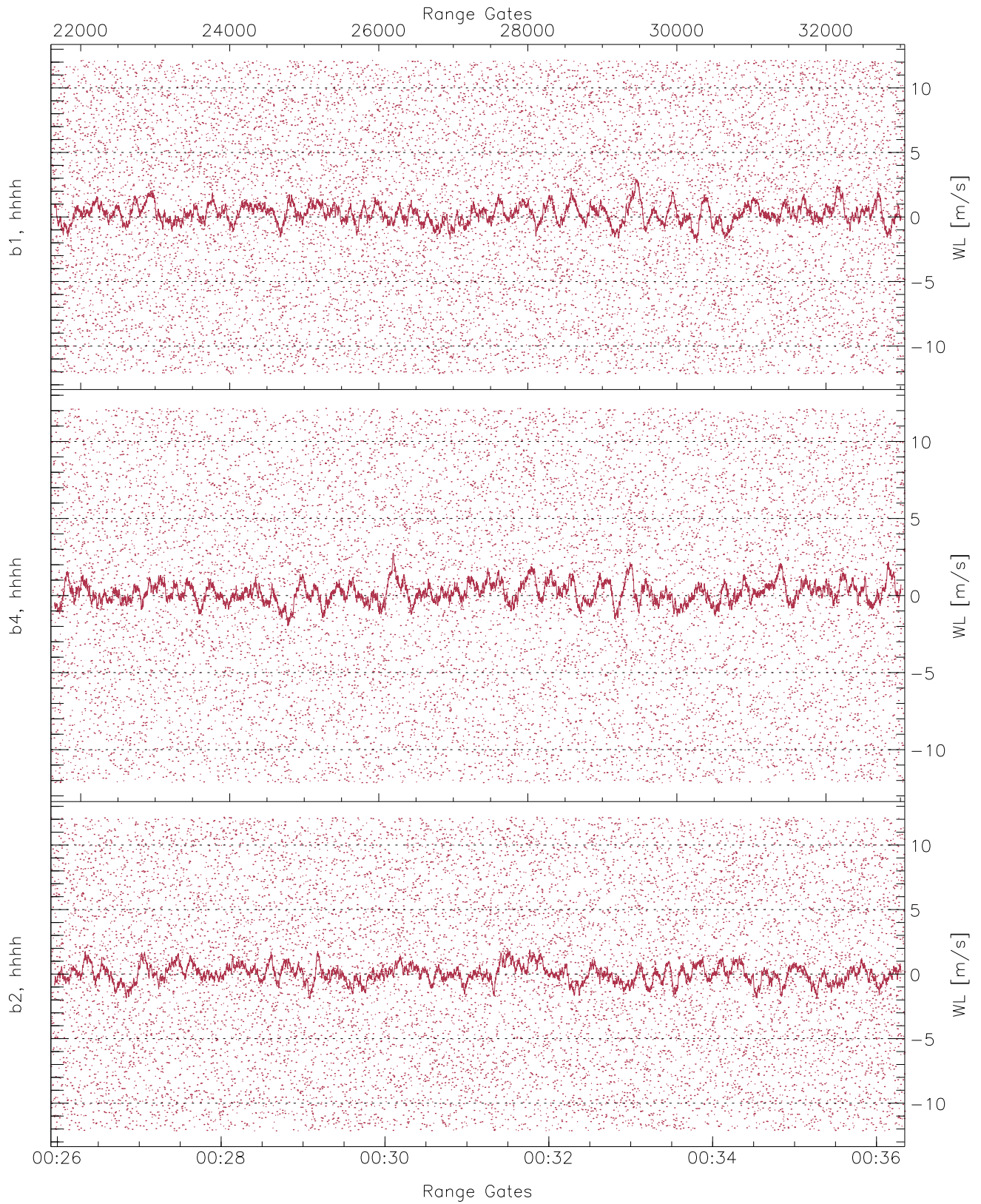


WCR2 CPP "Best" estimate Receivers Noise Power

|               | Min    | Max    | Mean   | Median | StDev  |
|---------------|--------|--------|--------|--------|--------|
| H1RG213 [dBm] | -67.10 | -64.84 | -65.85 | -65.86 | -78.01 |
| H1RG213 [dBm] | -67.10 | -64.84 | -65.85 | -65.86 | -78.01 |
| V2RG502 [dBm] | -64.82 | -62.46 | -63.80 | -63.80 | -75.90 |

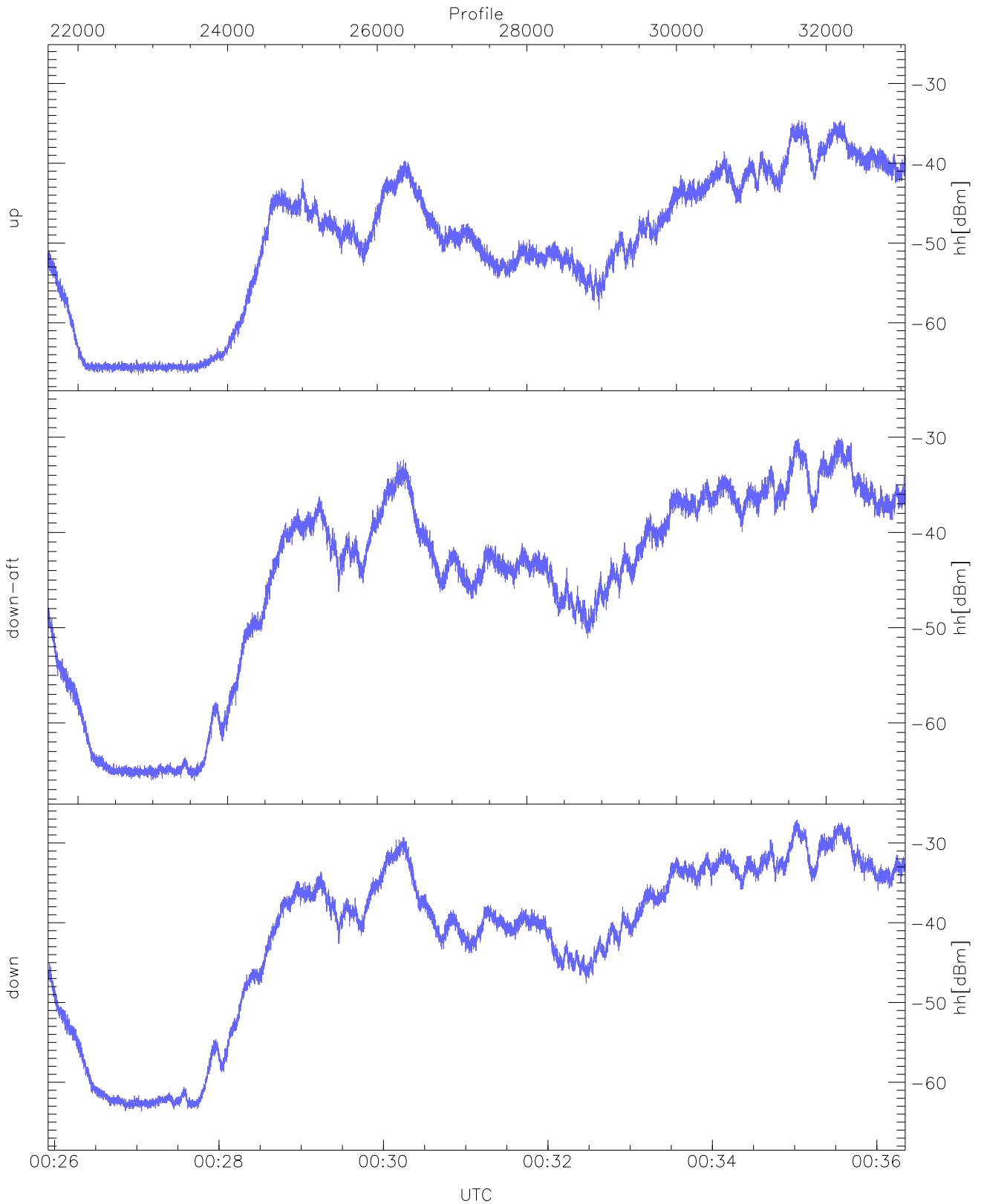


WCR2 CPP Averaged Received power for all recorded gates  
blue: 002555-3108, 5730 profiles averaged  
red: 3108-003621, 5730 profiles averaged



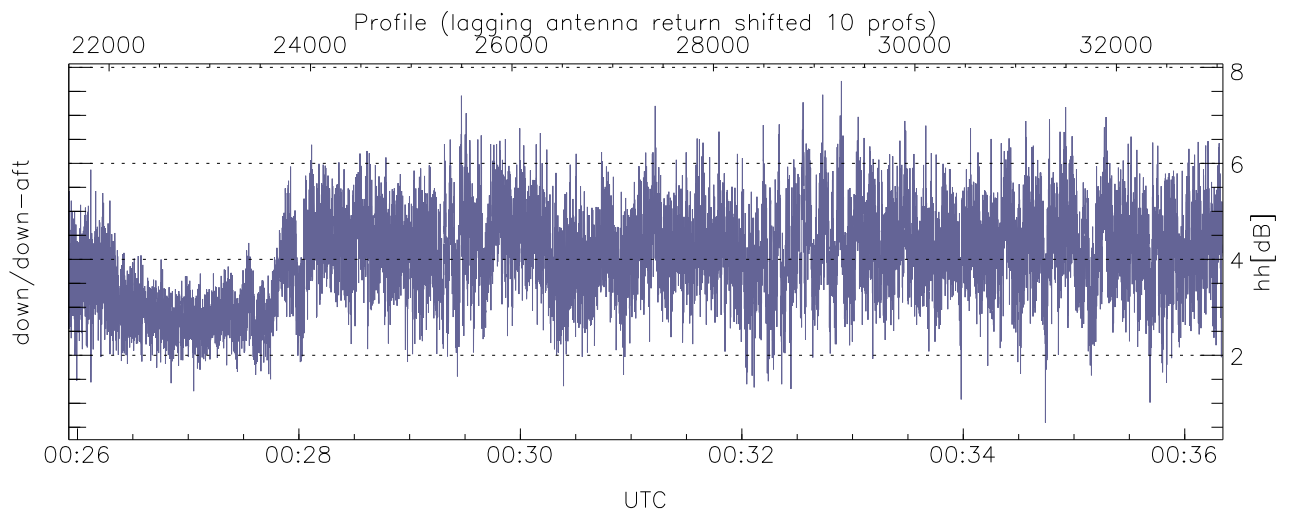
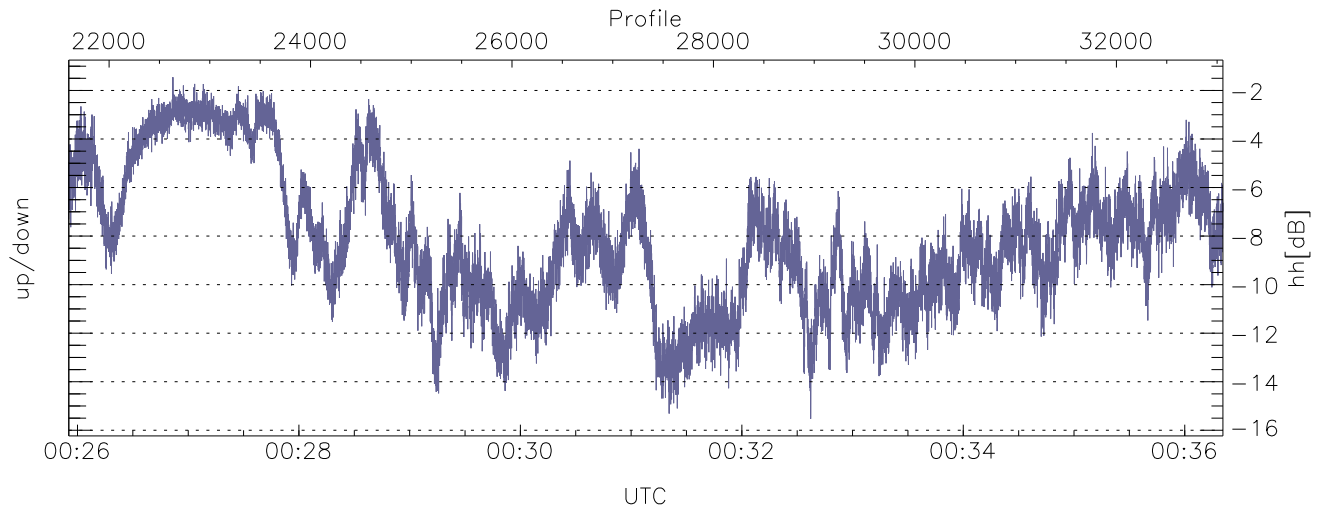
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements





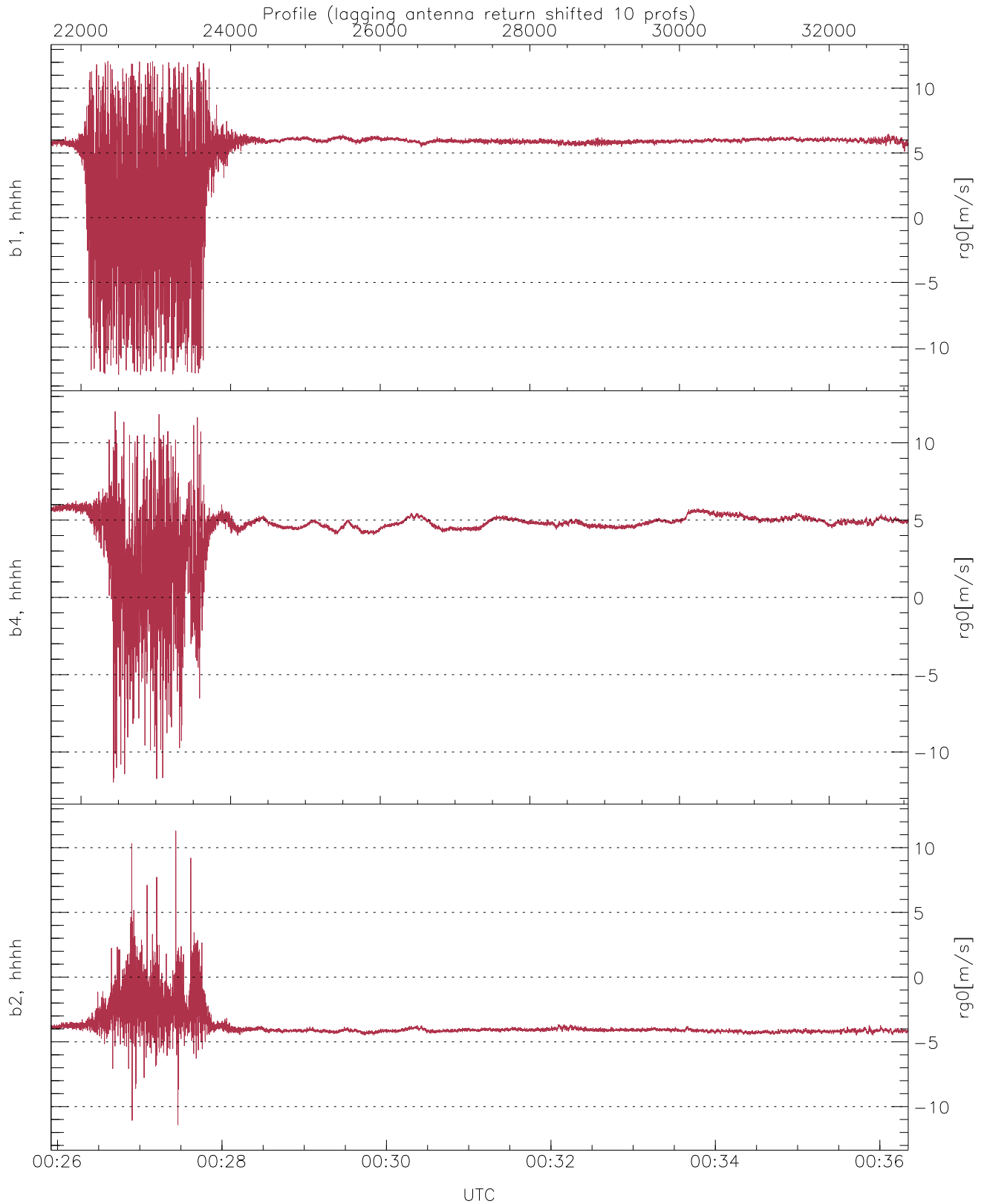
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

|                   | Min    | Max    | Mean   |
|-------------------|--------|--------|--------|
| up(hh[dBm])       | -66.54 | -34.59 | -44.14 |
| down-aft(hh[dBm]) | -66.06 | -30.00 | -38.93 |
| down(hh[dBm])     | -63.64 | -27.09 | -35.83 |



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

|                       | Min    | Max   | Mean  |
|-----------------------|--------|-------|-------|
| up/down(hh[dB])       | -15.53 | -1.45 | -7.24 |
| down/down-aft(hh[dB]) | 0.60   | 7.72  | 4.01  |



WCR2 CPP Doppler Velocity Products at 105.1 m range

|                    | Min    | Max   | Mean  | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -12.15 | 12.08 | 5.19  | 2.79  |
| b4, hhhh(rg0[m/s]) | -11.97 | 12.03 | 4.52  | 1.62  |
| b2, hhhh(rg0[m/s]) | -11.41 | 11.29 | -3.81 | 0.99  |