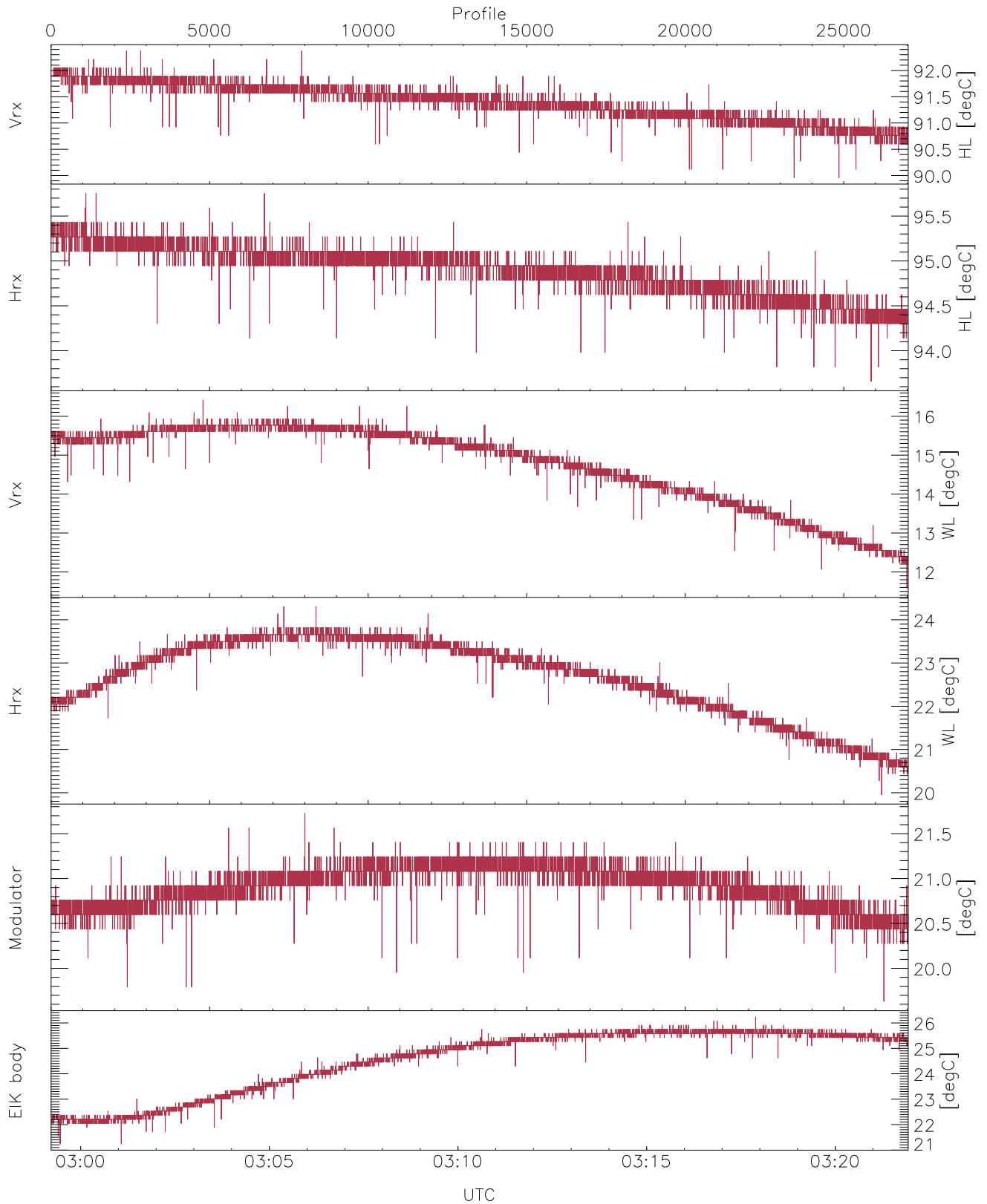


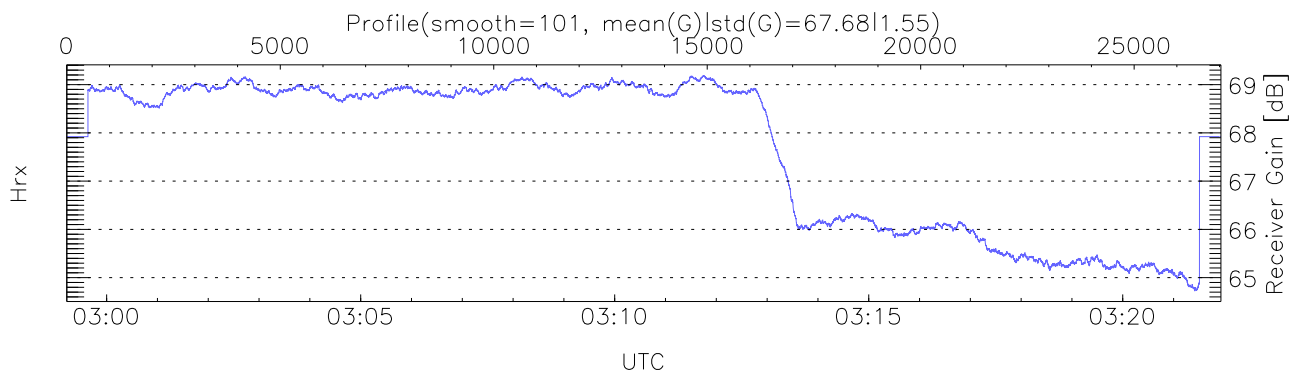
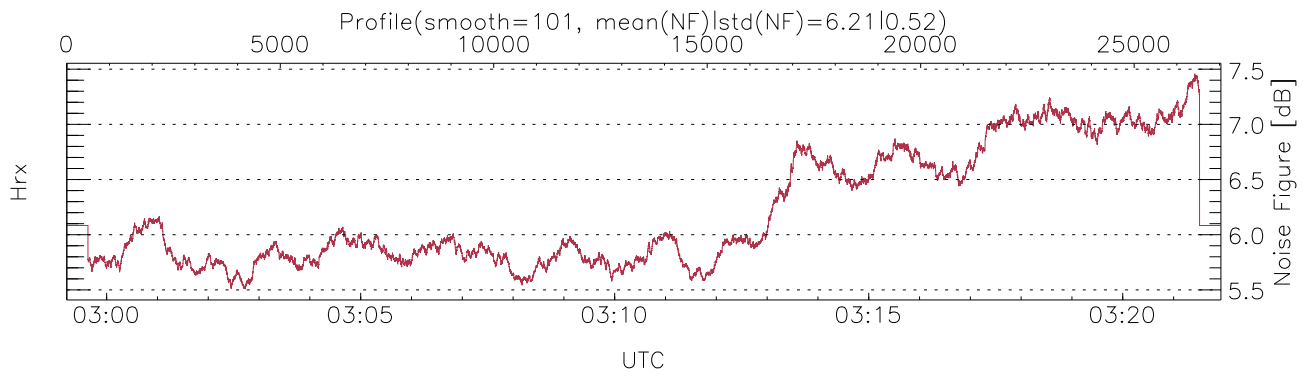
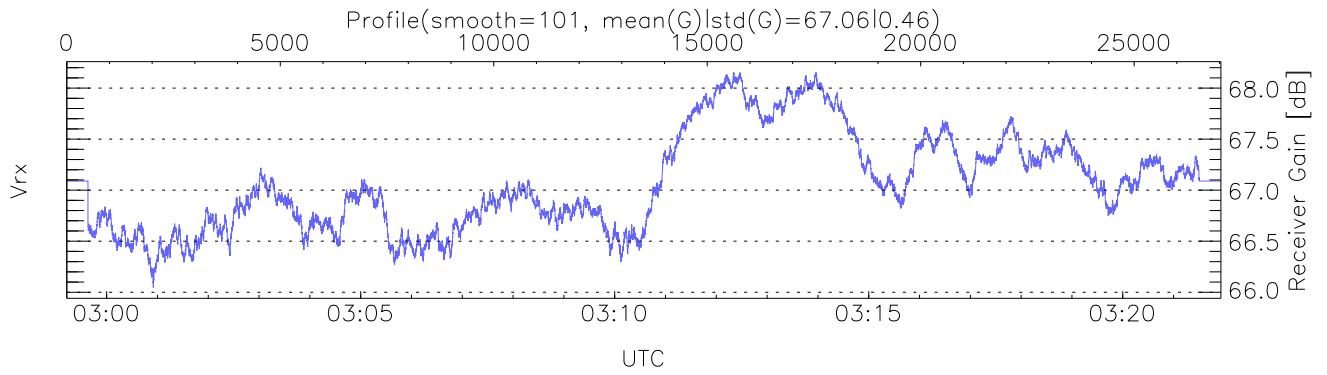
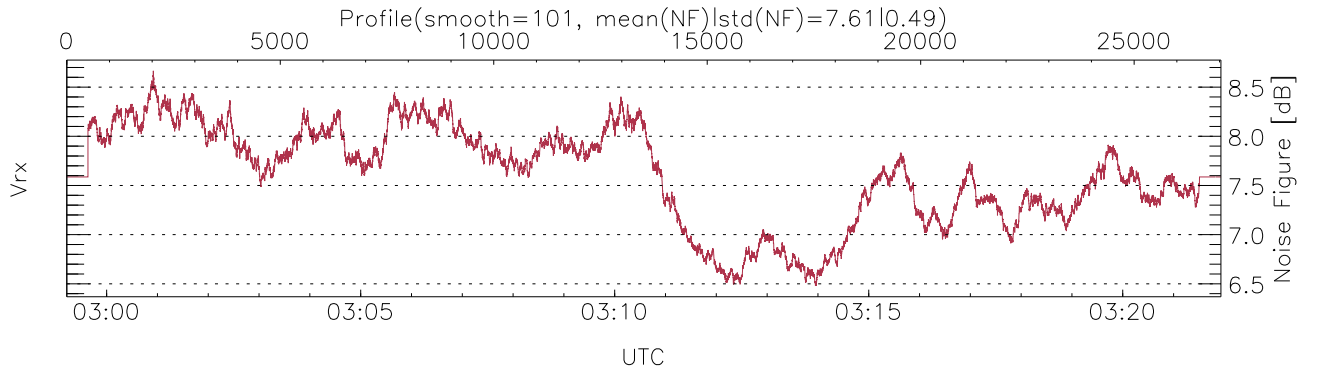
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

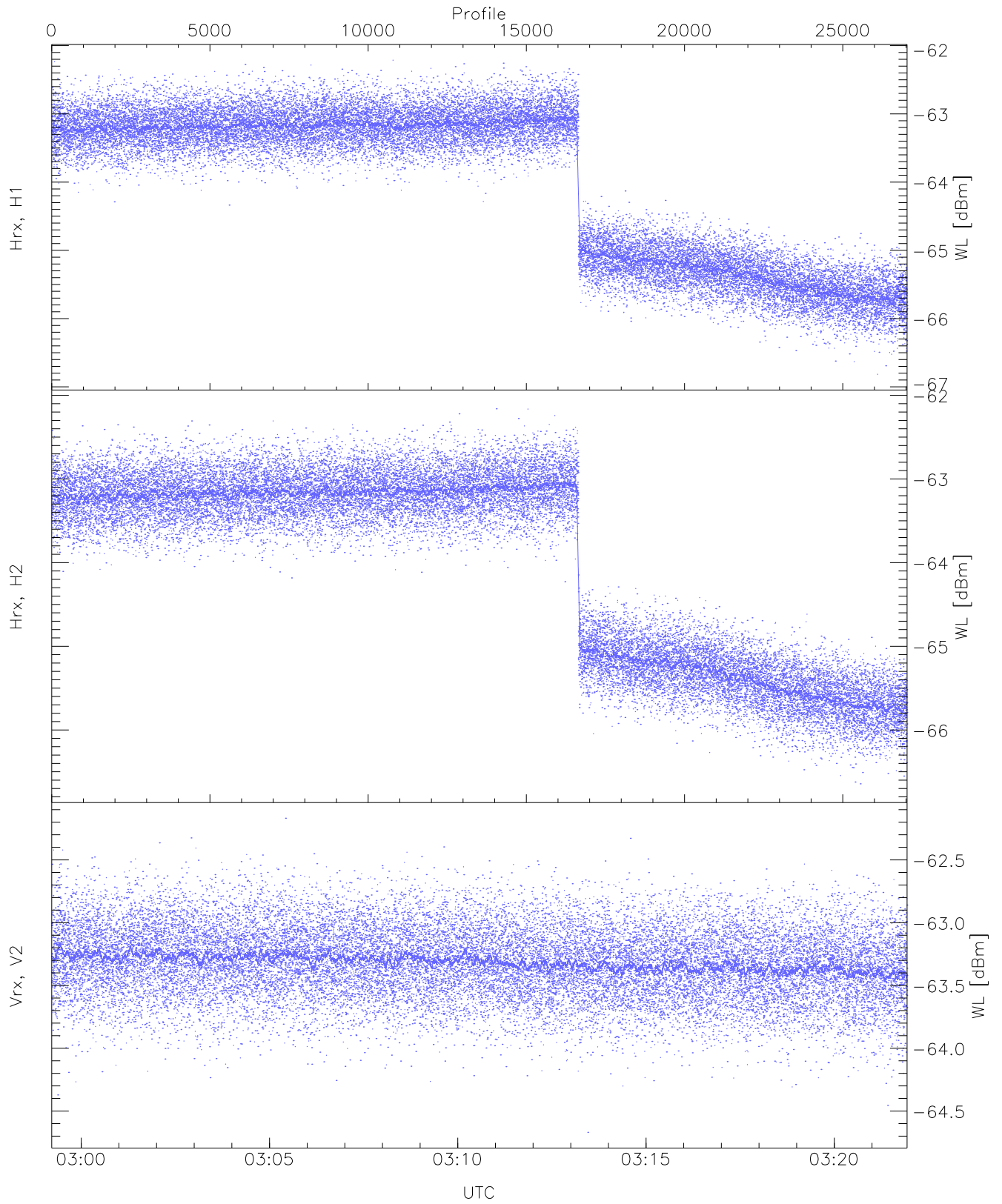
UTC: 02:59:13-03:21:56, Dur: 1363.03s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 27034/27034, 0-27033/02:59:13-03:21:56  
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 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

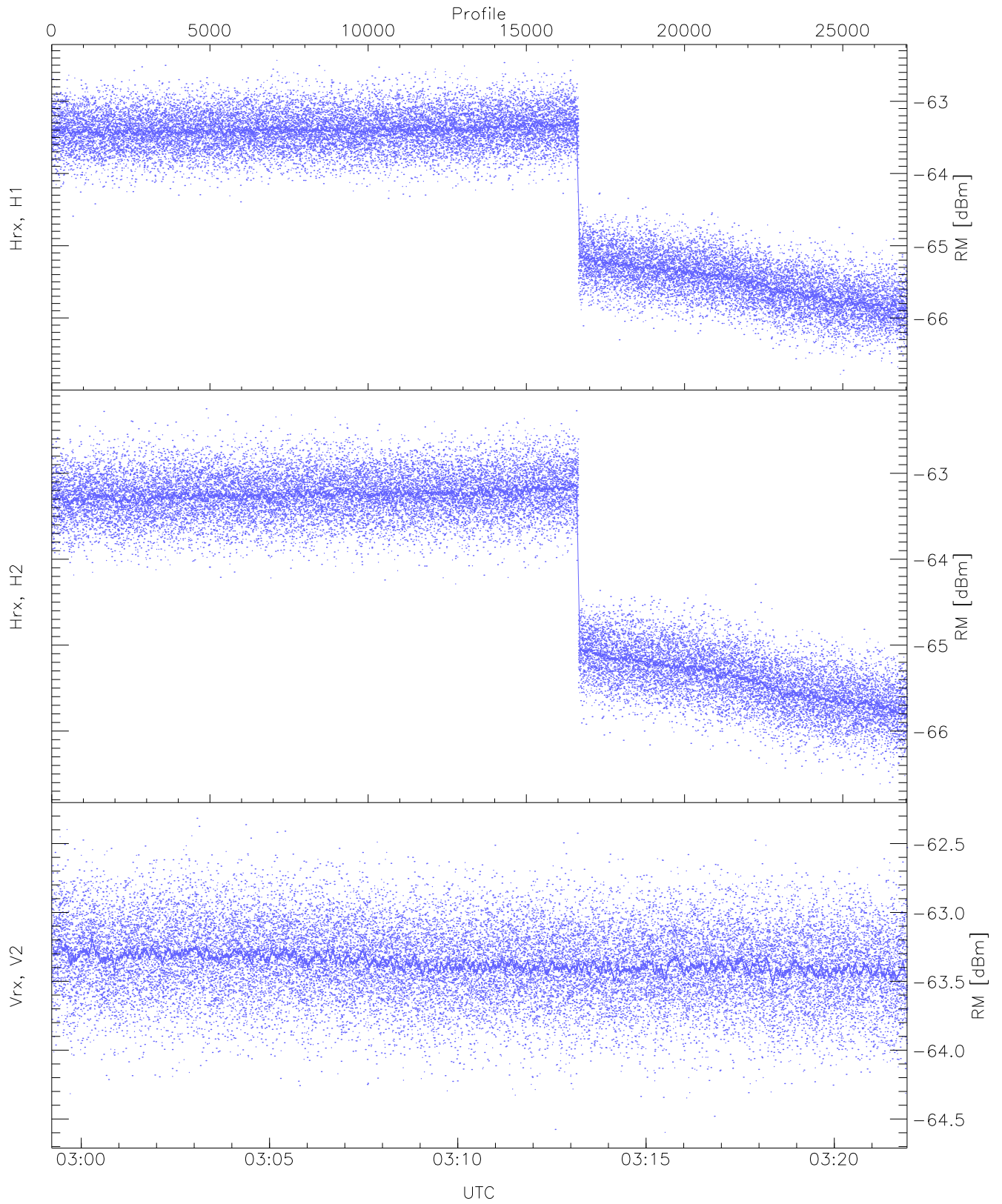
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,93,11,19,19,21`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,95,16,24,21,26`  
`LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,31,0`  
`EIK/Modulator Faults: None`





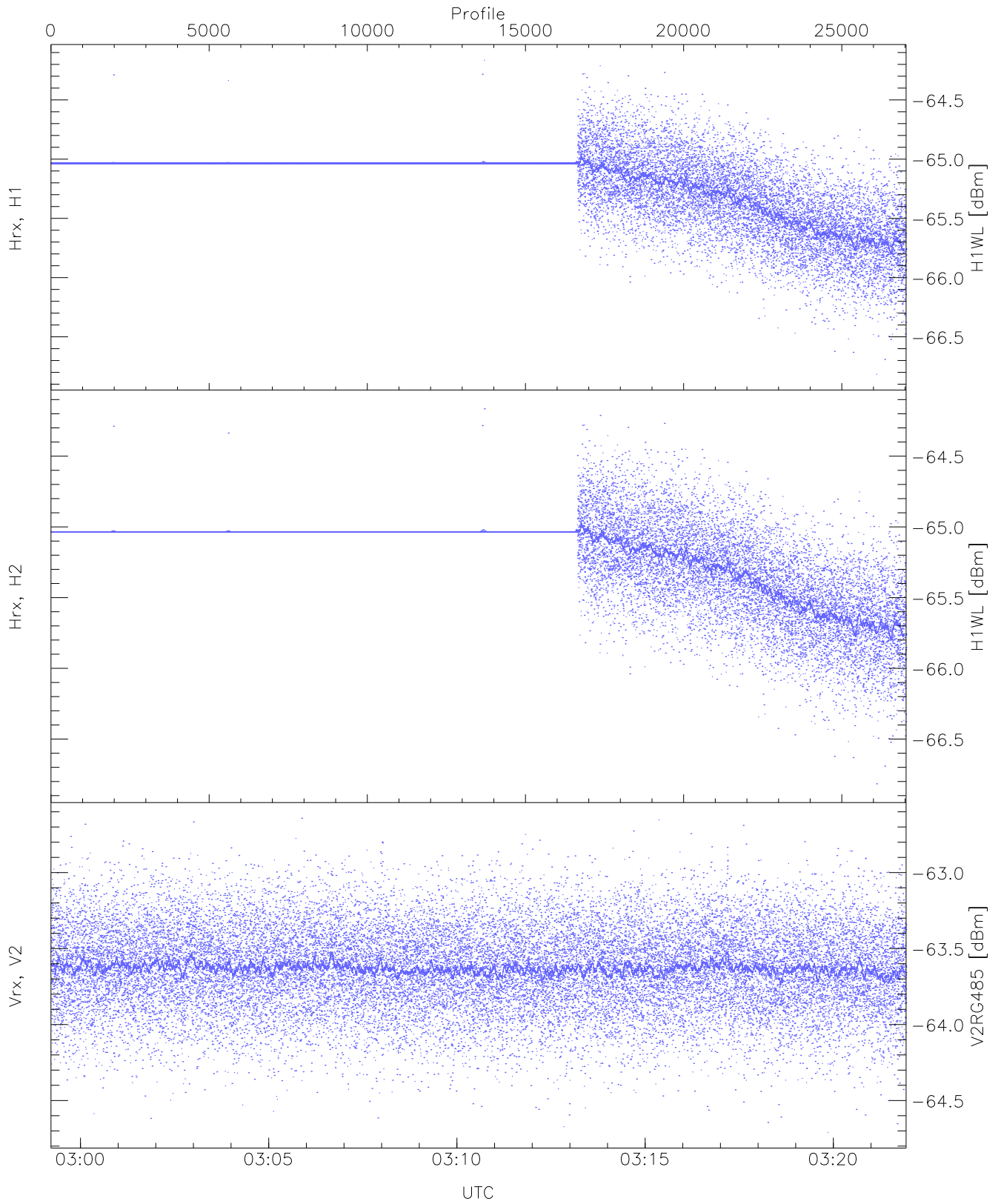
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -66.82 | -62.21 | -63.88 | -63.40 | -70.09 |
| Hrx, H2 (WL [dBm]) | -66.64 | -62.16 | -63.88 | -63.40 | -70.05 |
| Vrx, V2 (WL [dBm]) | -64.67 | -62.17 | -63.31 | -63.32 | -75.39 |



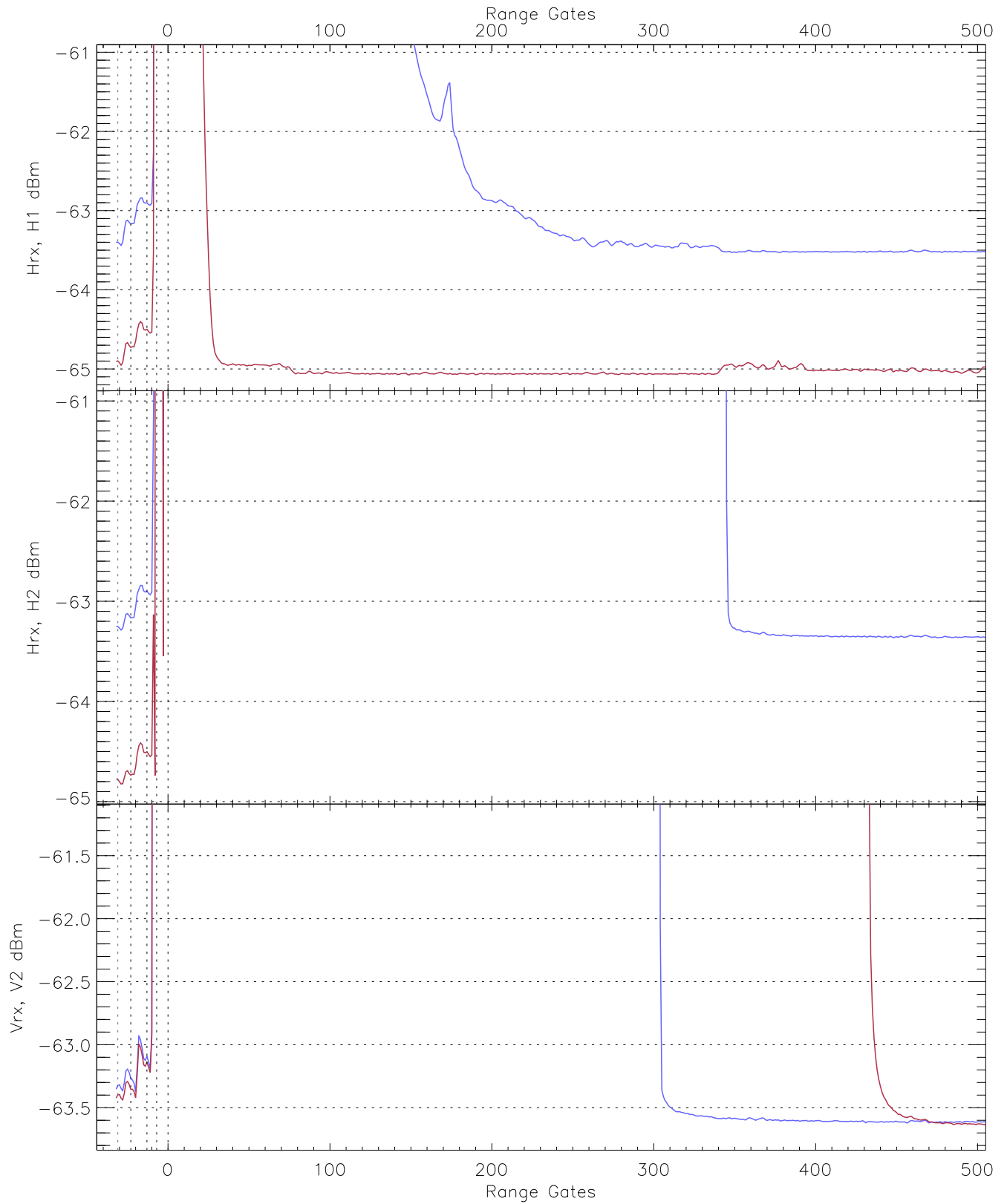
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -66.78 | -62.43 | -64.08 | -63.63 | -70.46 |
| Hrx, H2 (RM [dBm]) | -66.61 | -62.25 | -63.95 | -63.48 | -70.24 |
| Vrx, V2 (RM [dBm]) | -64.60 | -62.32 | -63.36 | -63.36 | -75.41 |



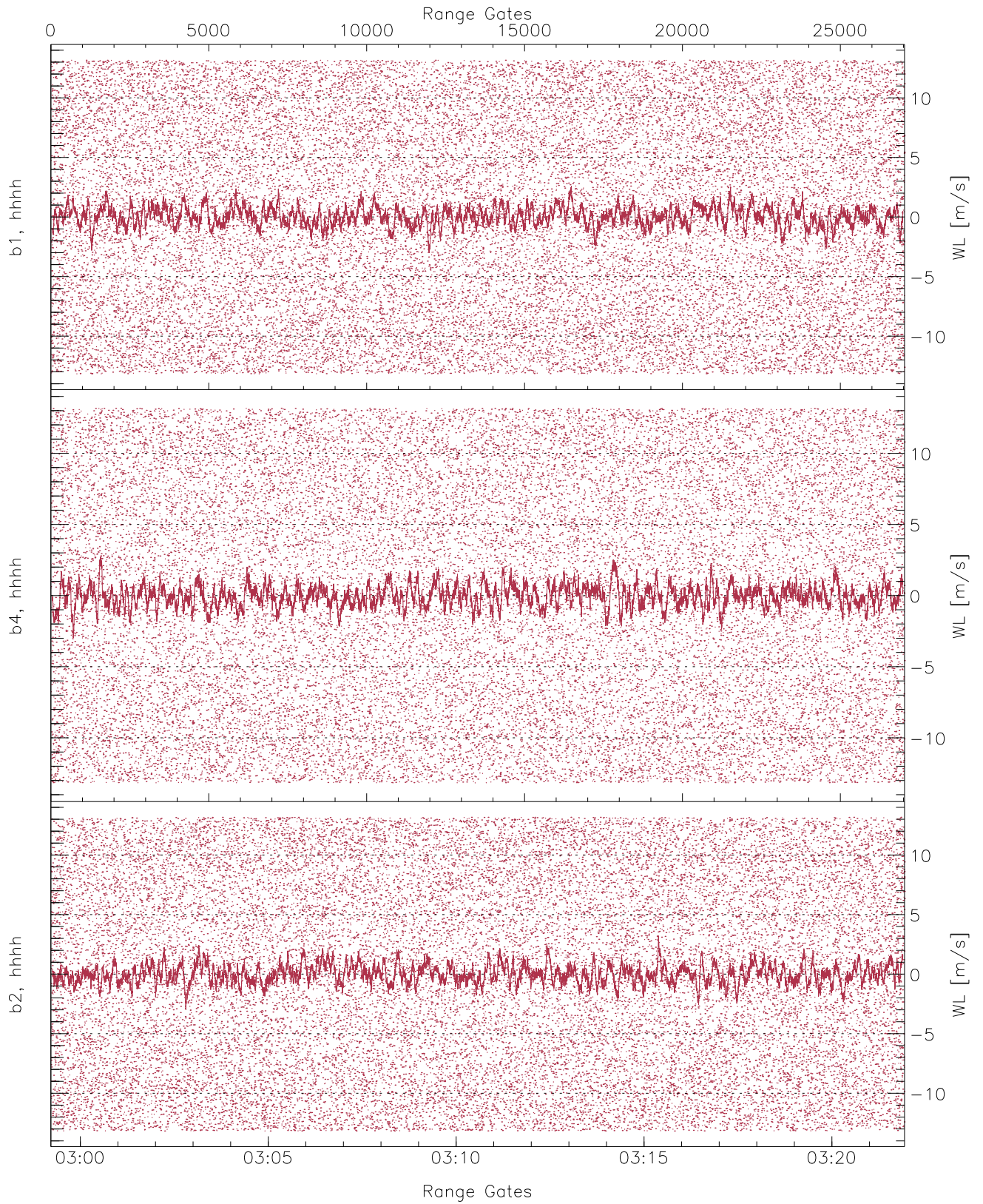
WCR2 CPP "Best" estimate Receivers Noise Power

|               | Min    | Max    | Mean   | Median | StDev  |
|---------------|--------|--------|--------|--------|--------|
| H1WL [dBm]    | -66.82 | -64.16 | -65.16 | -65.04 | -77.33 |
| H1WL [dBm]    | -66.82 | -64.16 | -65.16 | -65.04 | -77.33 |
| V2RG485 [dBm] | -64.71 | -62.64 | -63.63 | -63.63 | -75.75 |



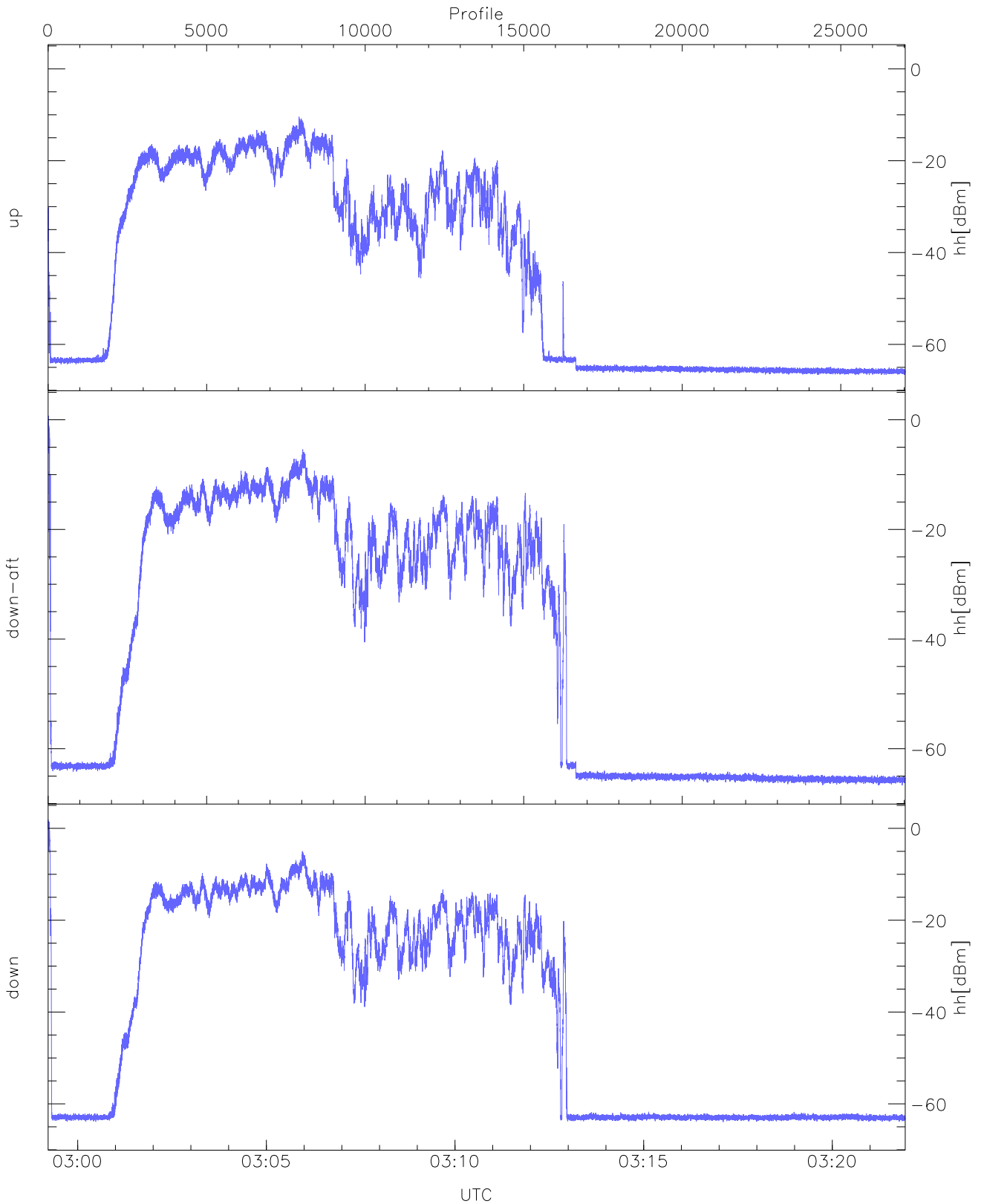
WCR2 CPP Averaged Received power for all recorded gates  
blue: 025913-31034, 13518 profiles averaged  
red: 31034-032156, 13517 profiles averaged





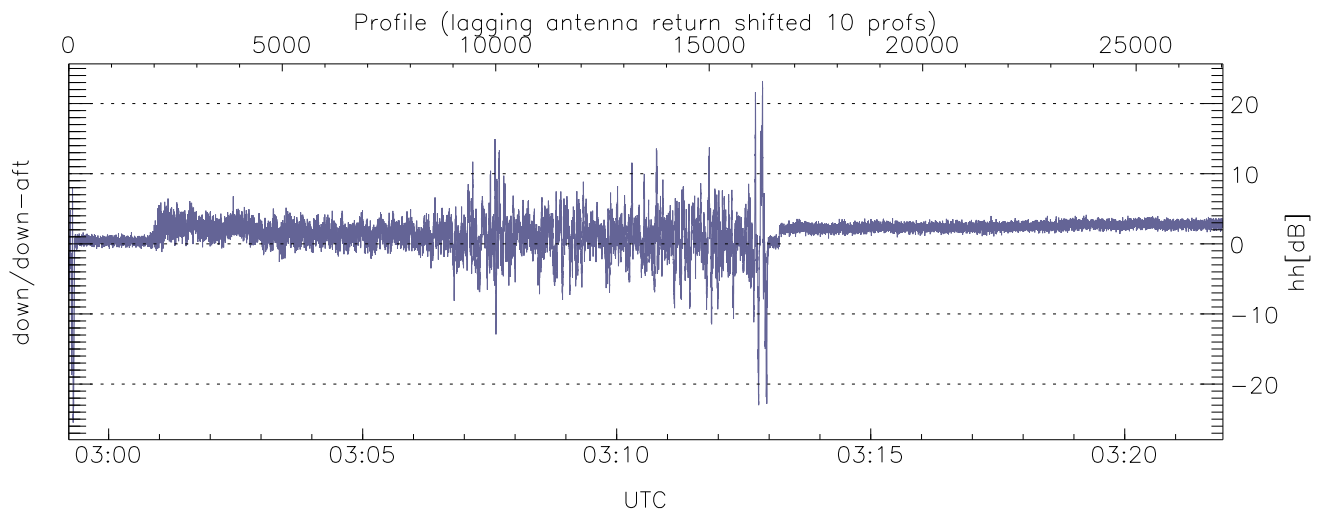
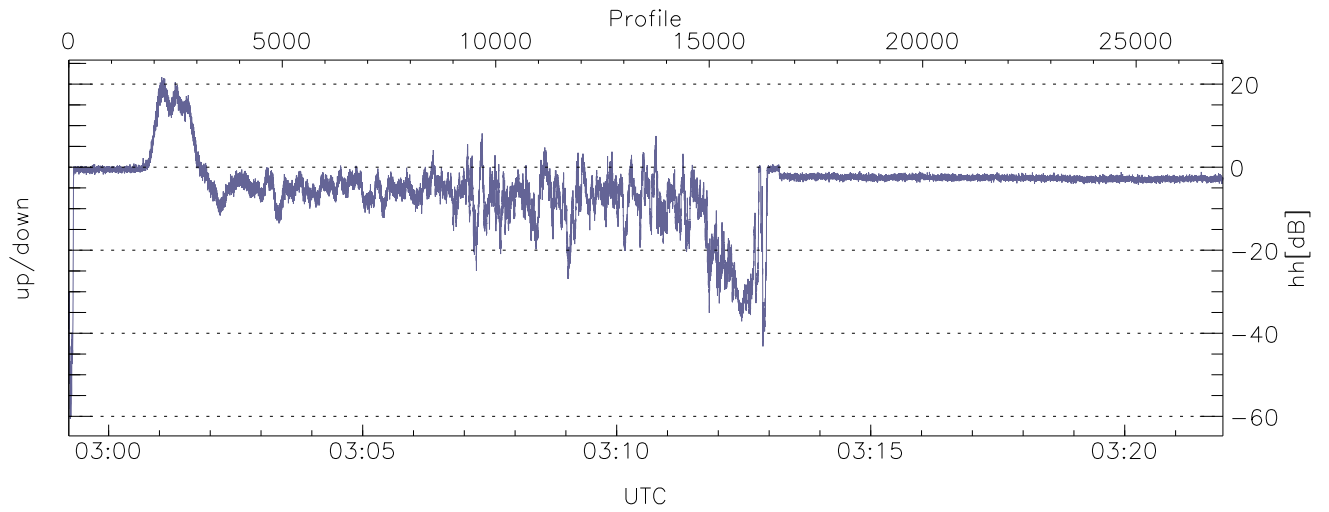
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements





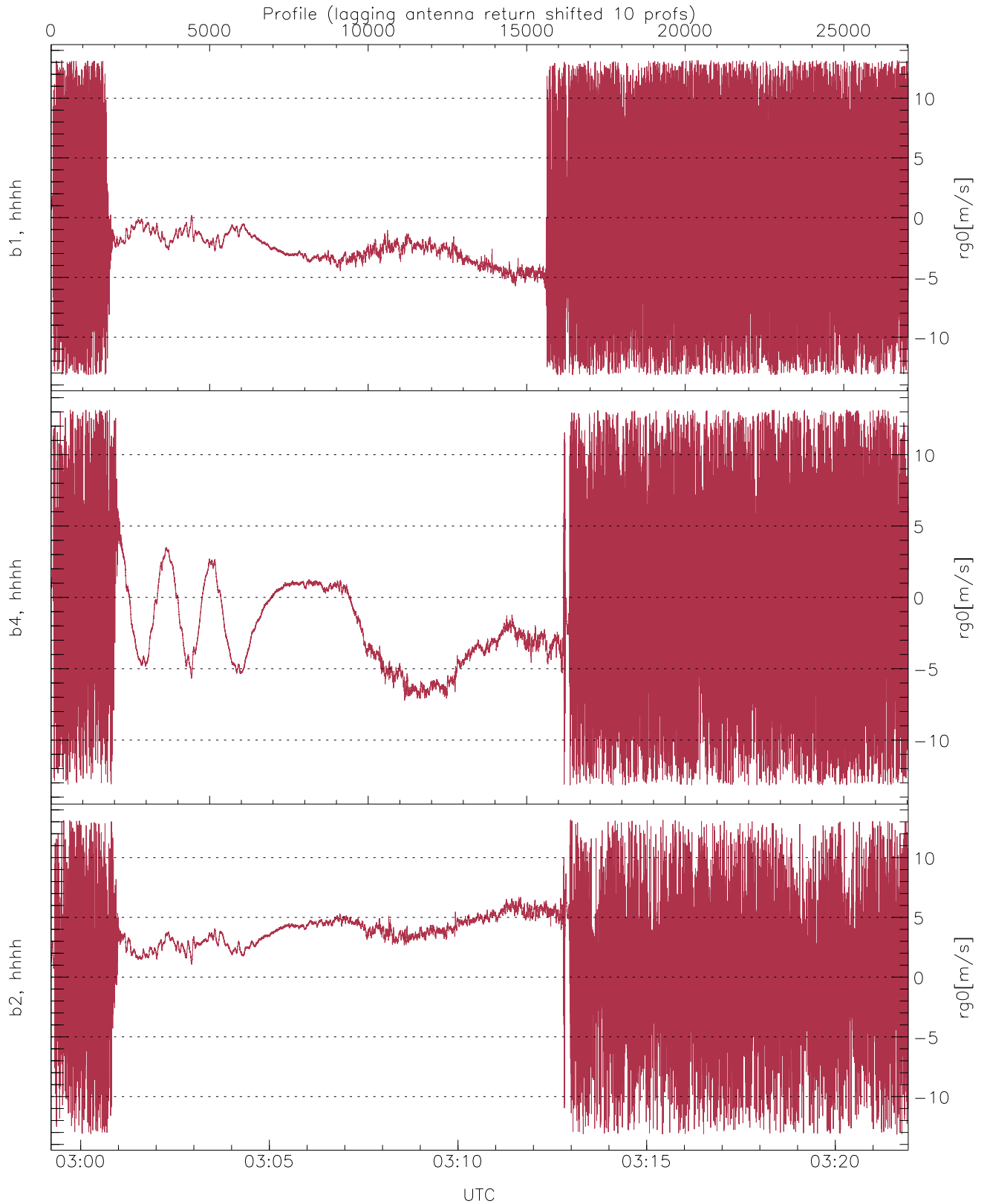
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

|                   | Min    | Max    | Mean   |
|-------------------|--------|--------|--------|
| up(hh[dBm])       | -66.66 | -10.44 | -23.62 |
| down-aft(hh[dBm]) | -66.66 | 0.69   | -18.45 |
| down(hh[dBm])     | -63.94 | 1.87   | -17.84 |



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

|                       | Min    | Max   | Mean  |
|-----------------------|--------|-------|-------|
| up/down(hh[dB])       | -60.61 | 21.68 | -4.24 |
| down/down-aft(hh[dB]) | -25.50 | 23.23 | 1.59  |



WCR2 CPP Doppler Velocity Products at 105.1 m range

|                    | Min    | Max   | Mean  | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -13.17 | 13.16 | -1.20 | 5.38  |
| b4, hhhh(rg0[m/s]) | -13.17 | 13.15 | -1.15 | 4.91  |
| b2, hhhh(rg0[m/s]) | -13.17 | 13.16 | 2.14  | 3.91  |