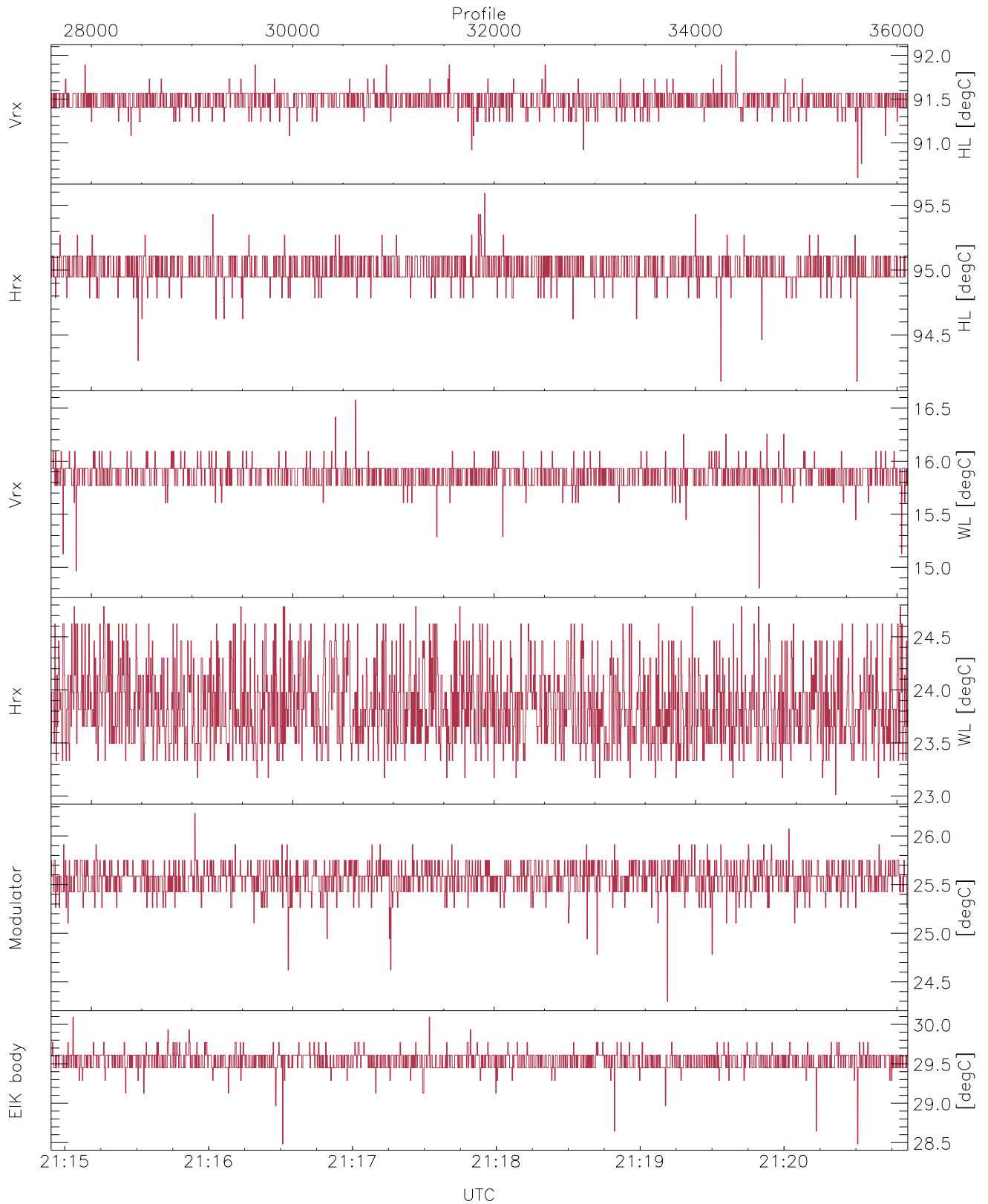


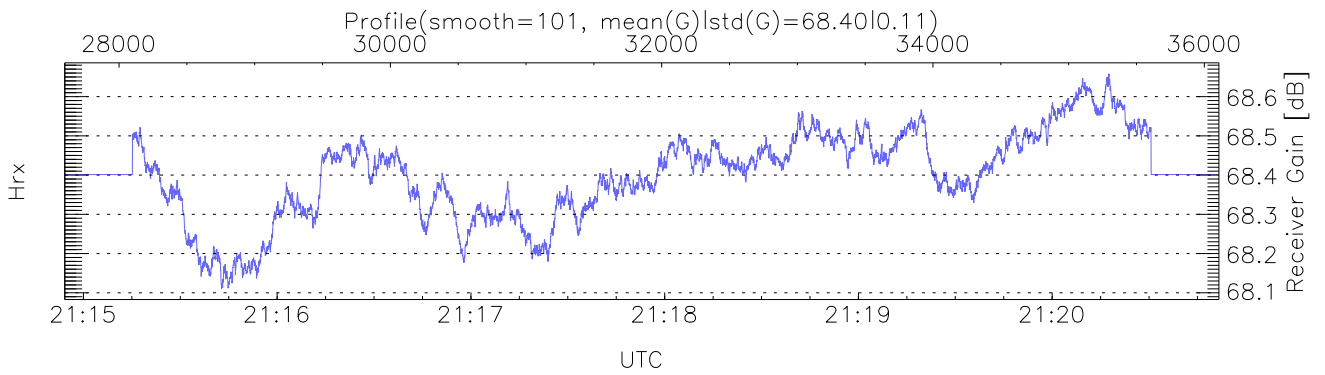
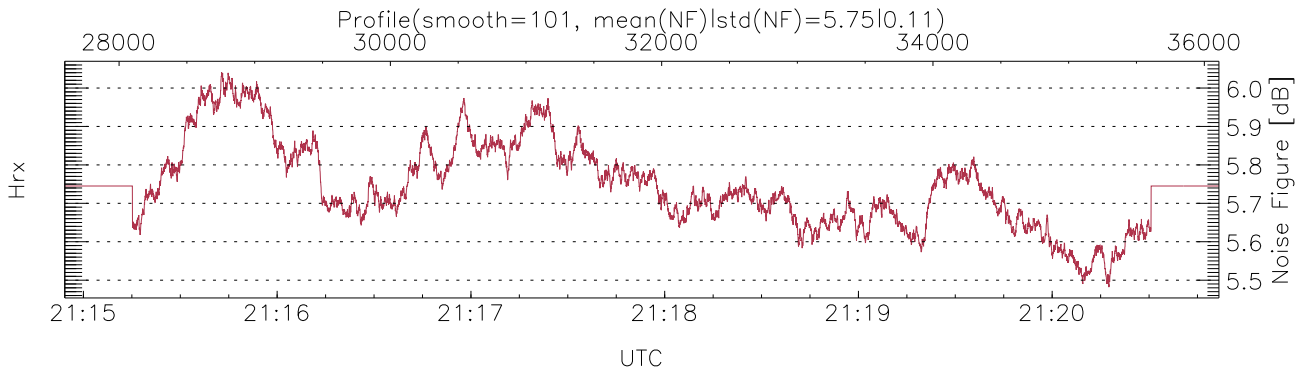
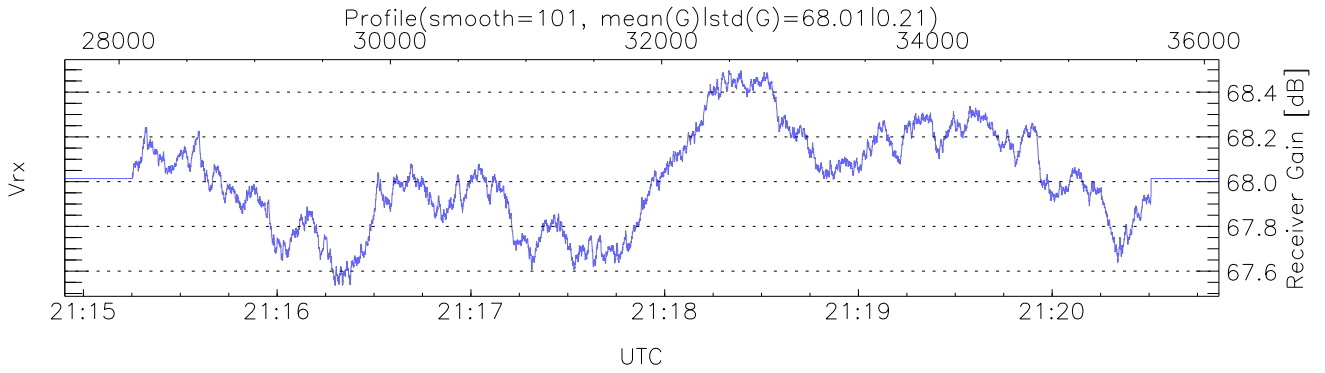
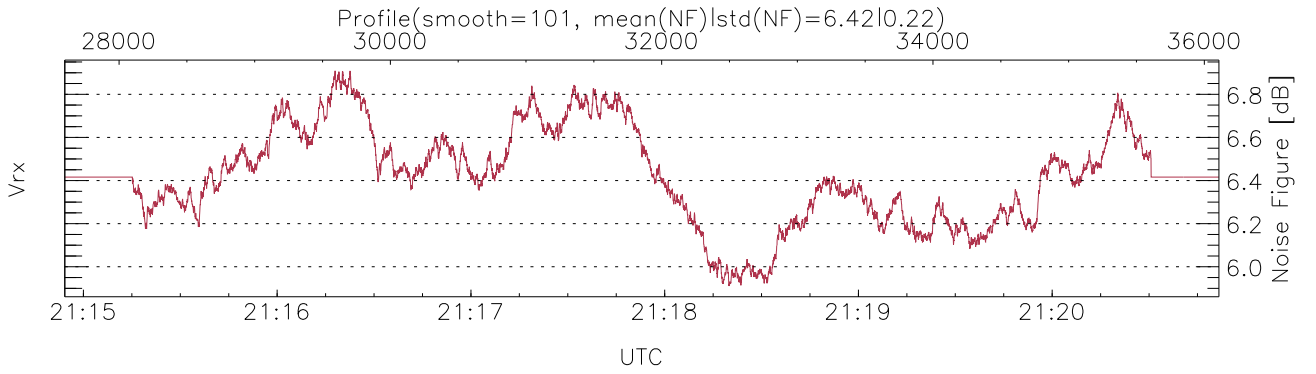
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

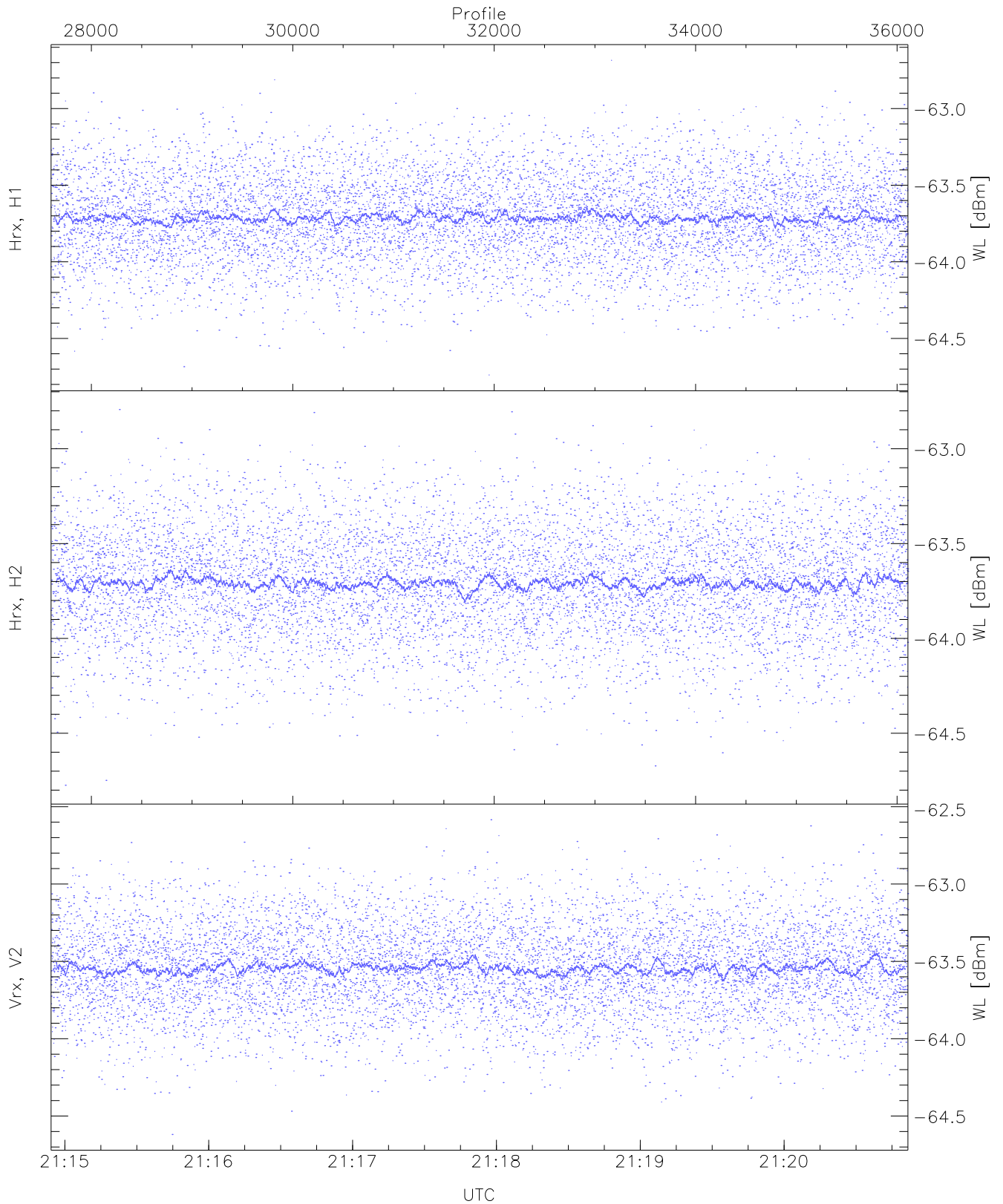
UTC: 20:55:35-21:20:52, Dur: 1516.92s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24  
 NumRec(r/t): 8509/36109, 27600-36108/21:14:54-21:20:52  
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 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

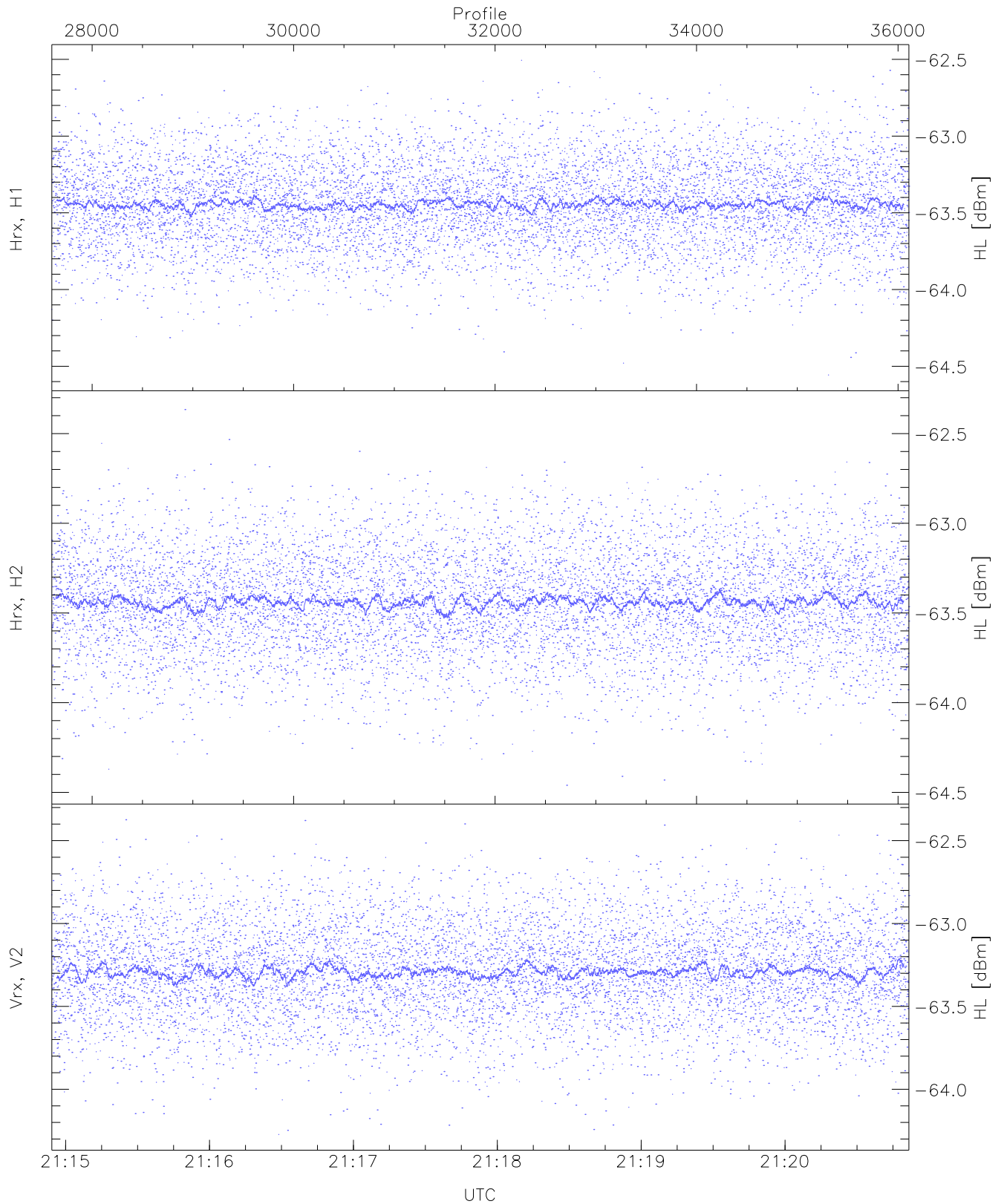
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,94,14,23,24,28  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,95,16,24,26,30  
LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,14,0  
EIK/Modulator Faults: None





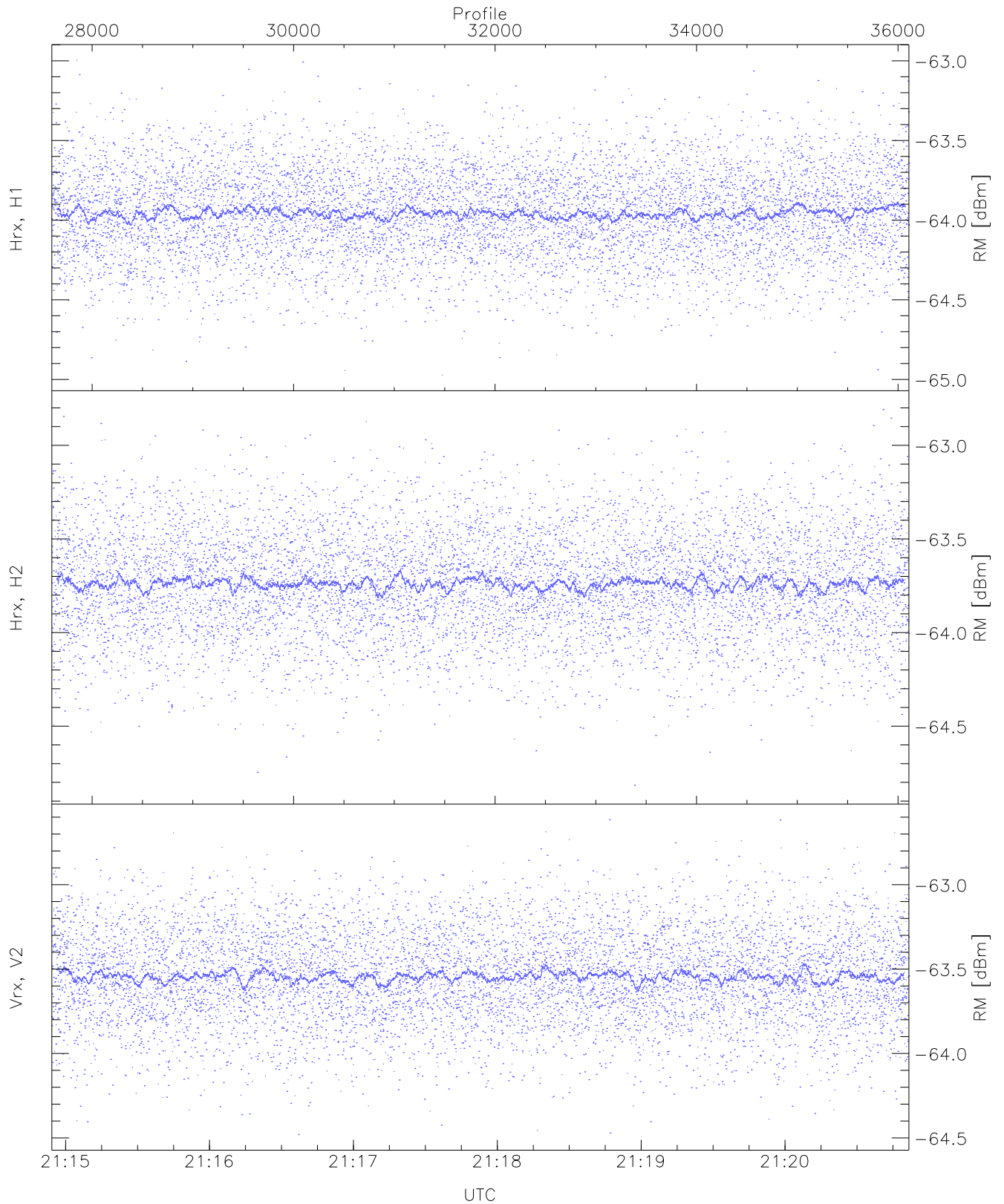
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

|                   | Min    | Max    | Mean   | Median | StDev  |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(WL [dBm]) | -64.74 | -62.68 | -63.71 | -63.71 | -75.85 |
| Hrx, H2(WL [dBm]) | -64.77 | -62.79 | -63.70 | -63.71 | -75.84 |
| Vrx, V2(WL [dBm]) | -64.62 | -62.58 | -63.54 | -63.54 | -75.68 |



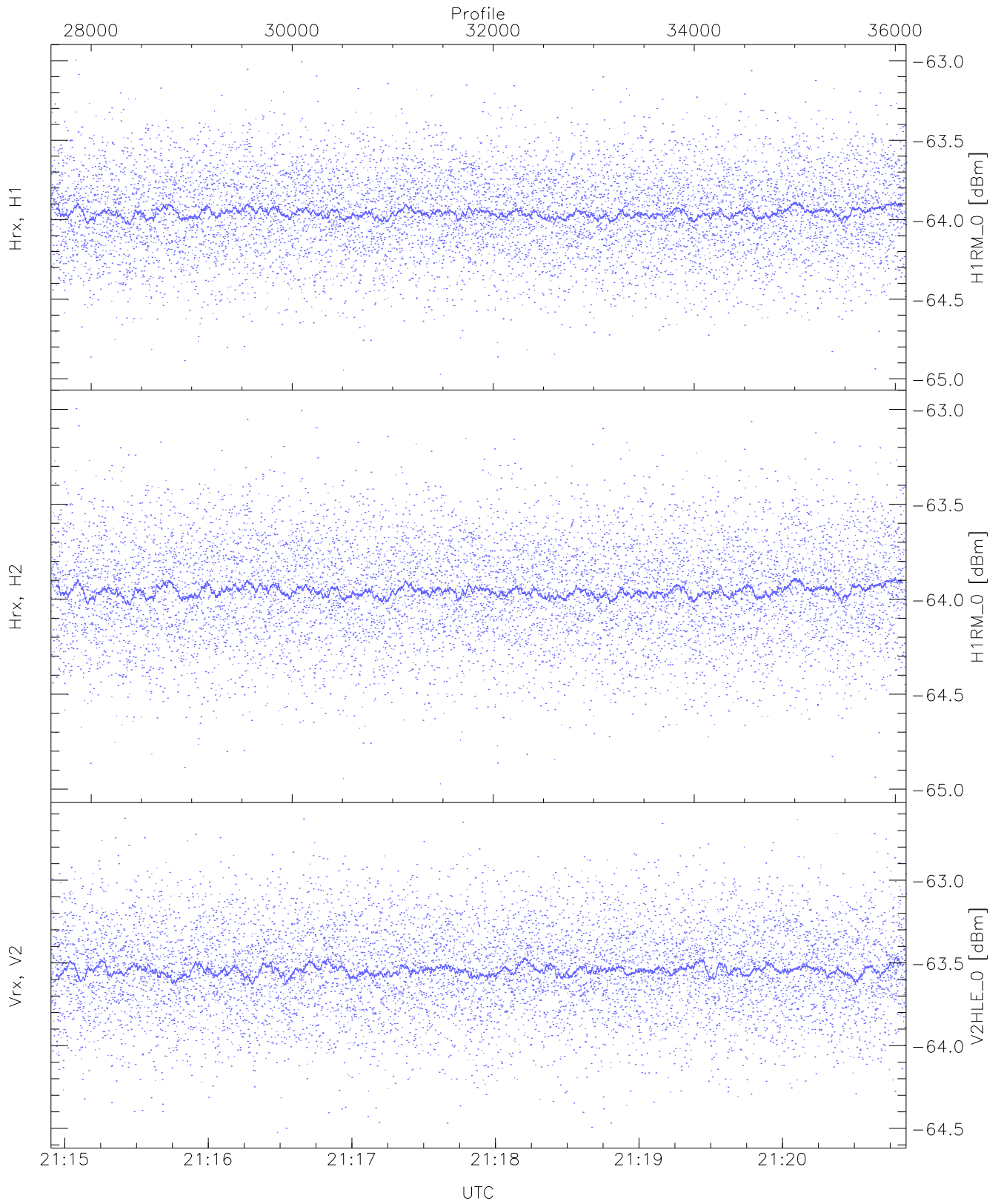
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.56 | -62.51 | -63.44 | -63.44 | -75.61 |
| Hrx, H2 (HL [dBm]) | -64.46 | -62.37 | -63.43 | -63.44 | -75.54 |
| Vrx, V2 (HL [dBm]) | -64.27 | -62.37 | -63.29 | -63.30 | -75.39 |



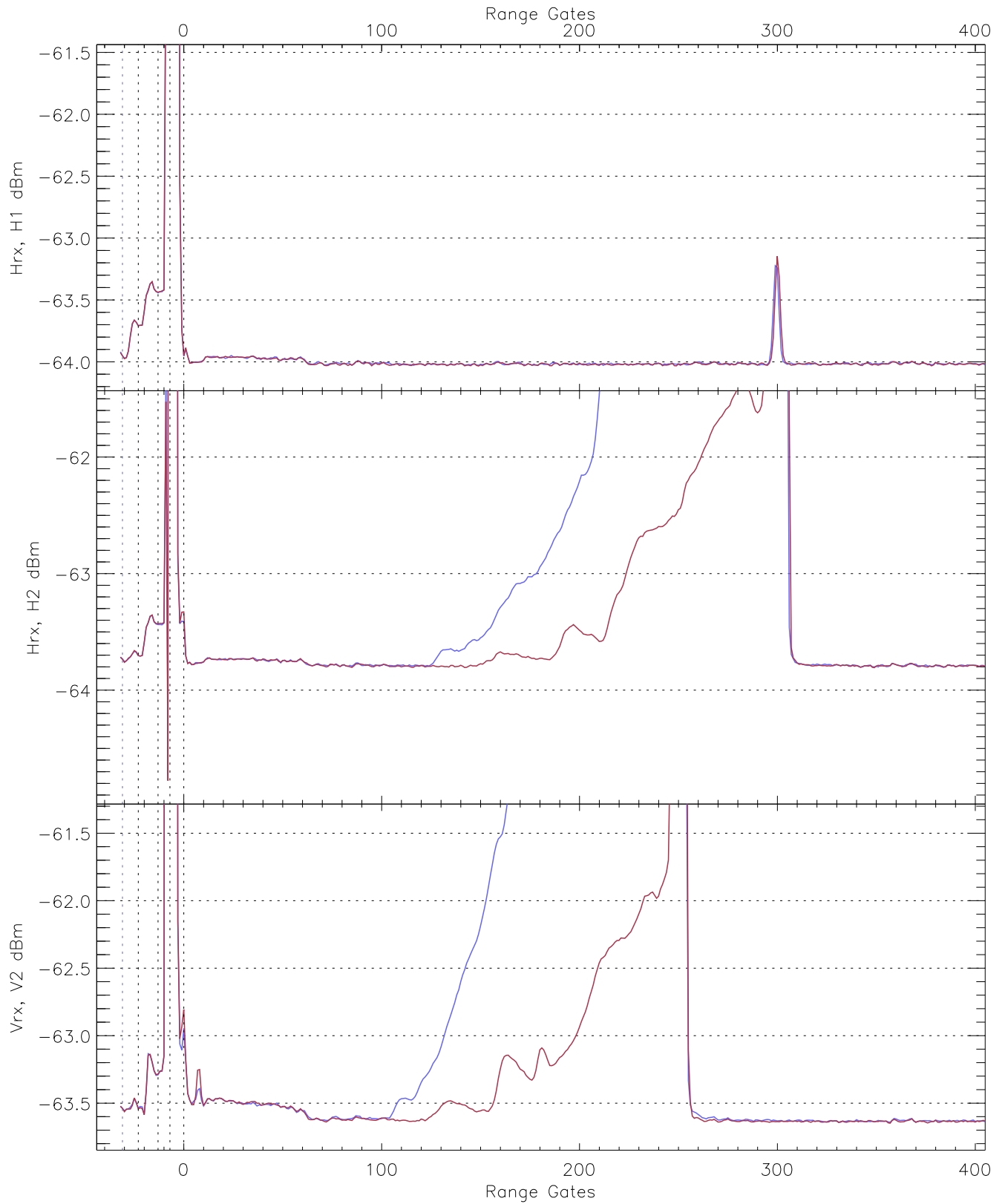
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -64.97 | -63.00 | -63.95 | -63.96 | -76.08 |
| Hrx, H2 (RM [dBm]) | -64.82 | -62.81 | -63.73 | -63.74 | -75.87 |
| Vrx, V2 (RM [dBm]) | -64.48 | -62.62 | -63.54 | -63.55 | -75.78 |



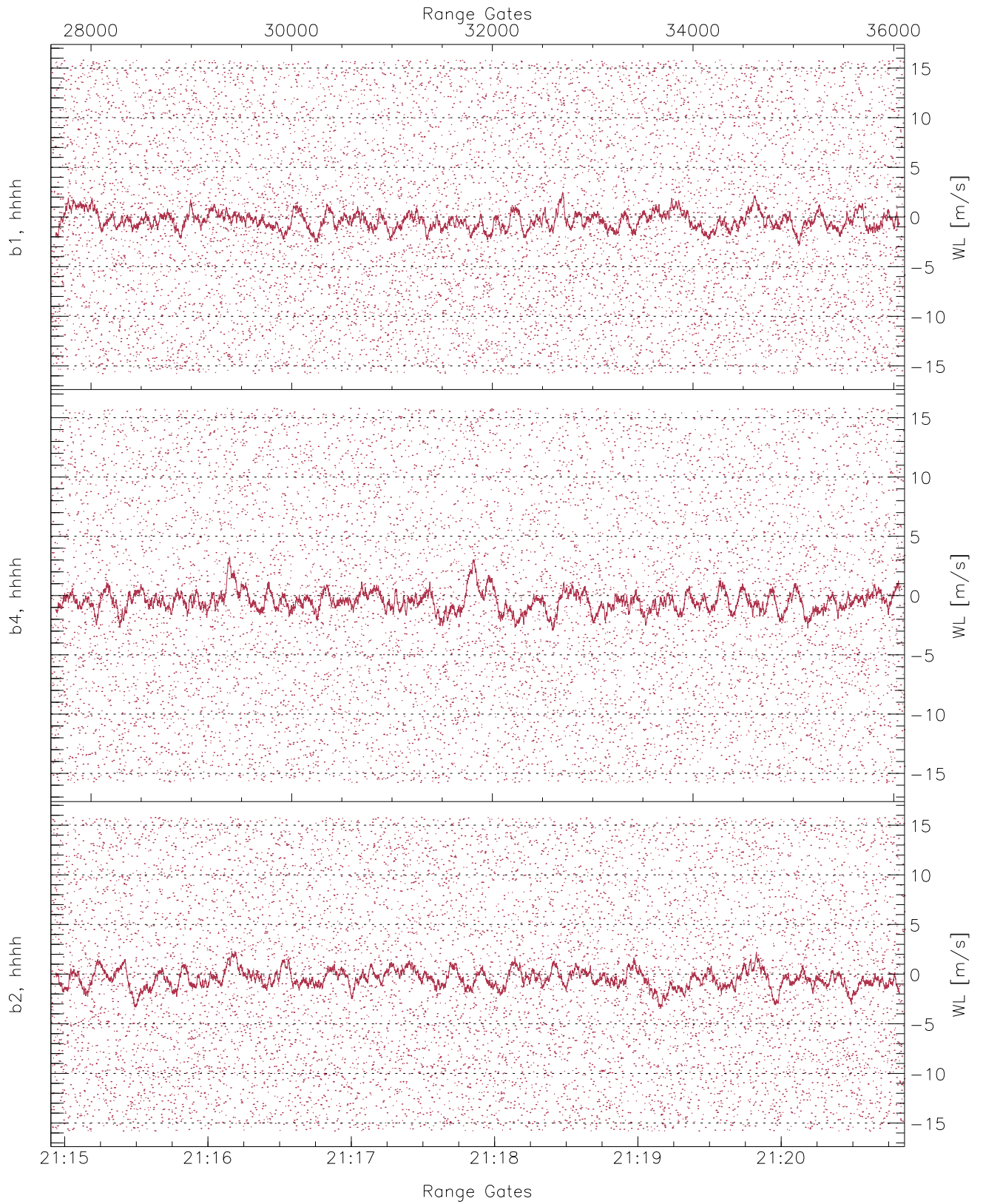
WCR2 CPP "Best" estimate Receivers Noise Power

|               | Min    | Max    | Mean   | Median | StDev  |
|---------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm]  | -64.97 | -63.00 | -63.95 | -63.96 | -76.08 |
| H1RM_0 [dBm]  | -64.97 | -63.00 | -63.95 | -63.96 | -76.08 |
| V2HLE_0 [dBm] | -64.52 | -62.63 | -63.54 | -63.55 | -75.64 |

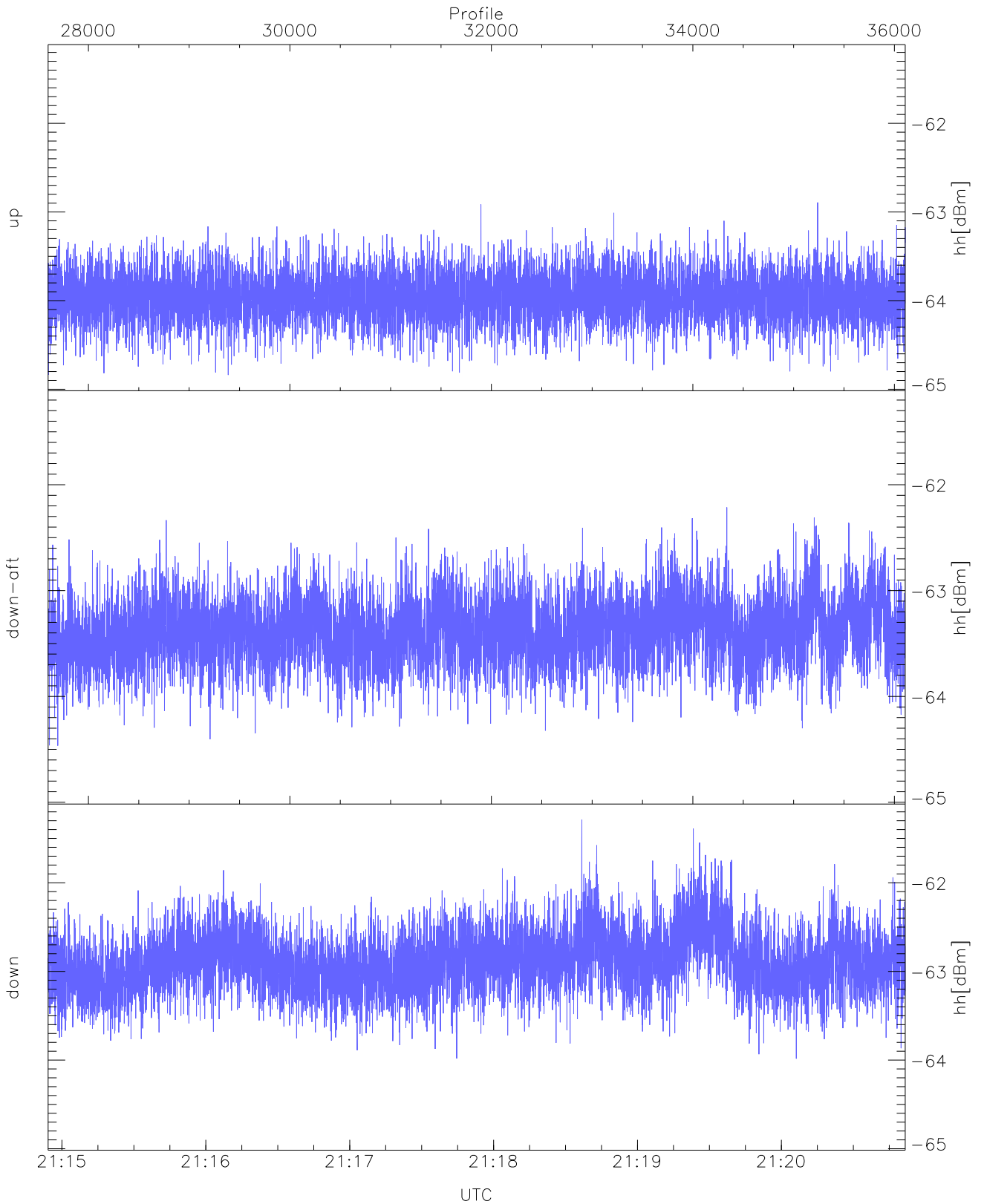


WCR2 CPP Averaged Received power for all recorded gates  
blue: 211454-211752, 4255 profiles averaged  
red: 211752-212052, 4255 profiles averaged



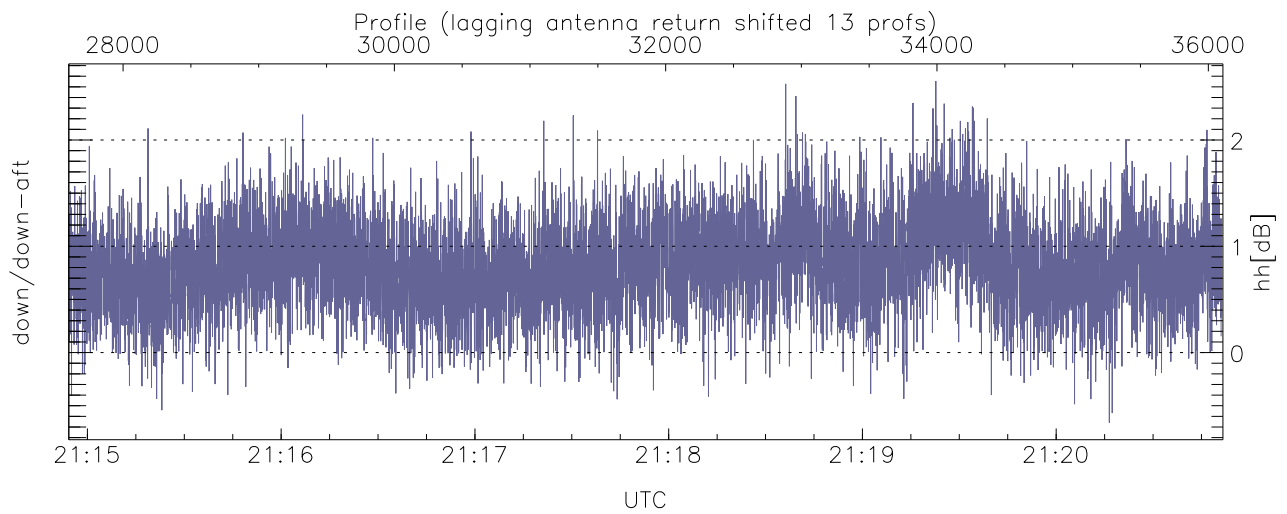
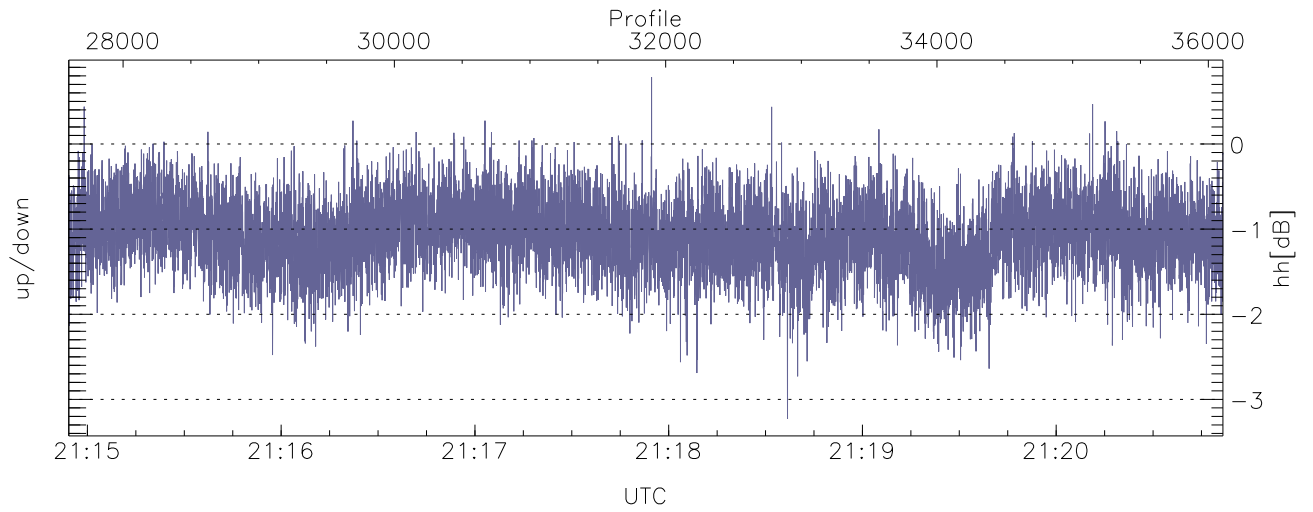


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



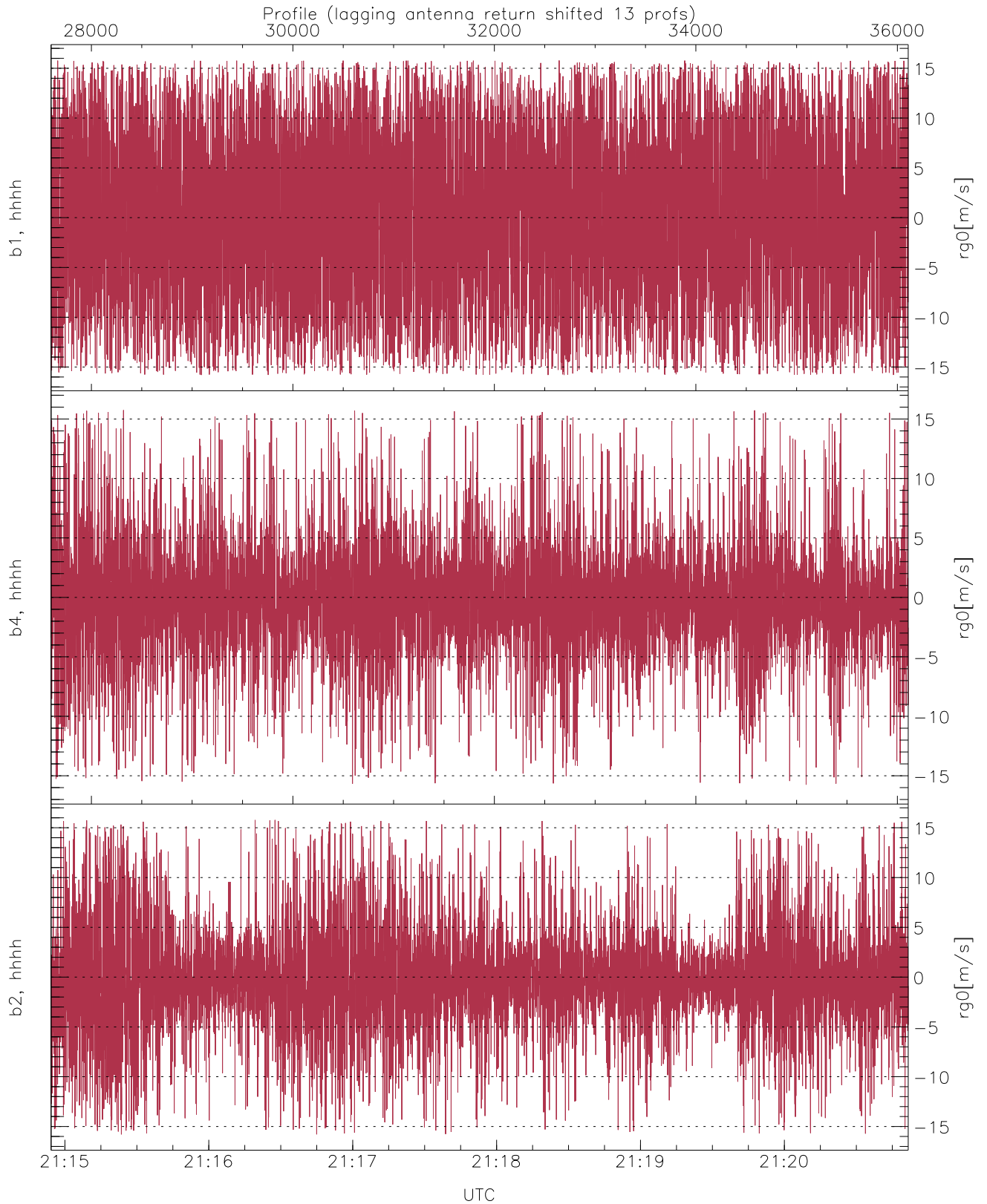
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

|                   | Min    | Max    | Mean   |
|-------------------|--------|--------|--------|
| up(hh[dBm])       | -64.84 | -62.89 | -63.95 |
| down-aft(hh[dBm]) | -64.47 | -62.21 | -63.37 |
| down(hh[dBm])     | -63.98 | -61.29 | -62.88 |



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

|                       | Min   | Max  | Mean  |
|-----------------------|-------|------|-------|
| up/down(hh[dB])       | -3.23 | 0.79 | -0.77 |
| down/down-aft(hh[dB]) | -0.66 | 2.56 | 0.83  |



WCR2 CPP Doppler Velocity Products at 105.1 m range

|                    | Min    | Max   | Mean  | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -15.80 | 15.79 | 0.15  | 8.35  |
| b4, hhhh(rg0[m/s]) | -15.75 | 15.75 | -0.32 | 4.61  |
| b2, hhhh(rg0[m/s]) | -15.80 | 15.78 | -0.36 | 4.86  |