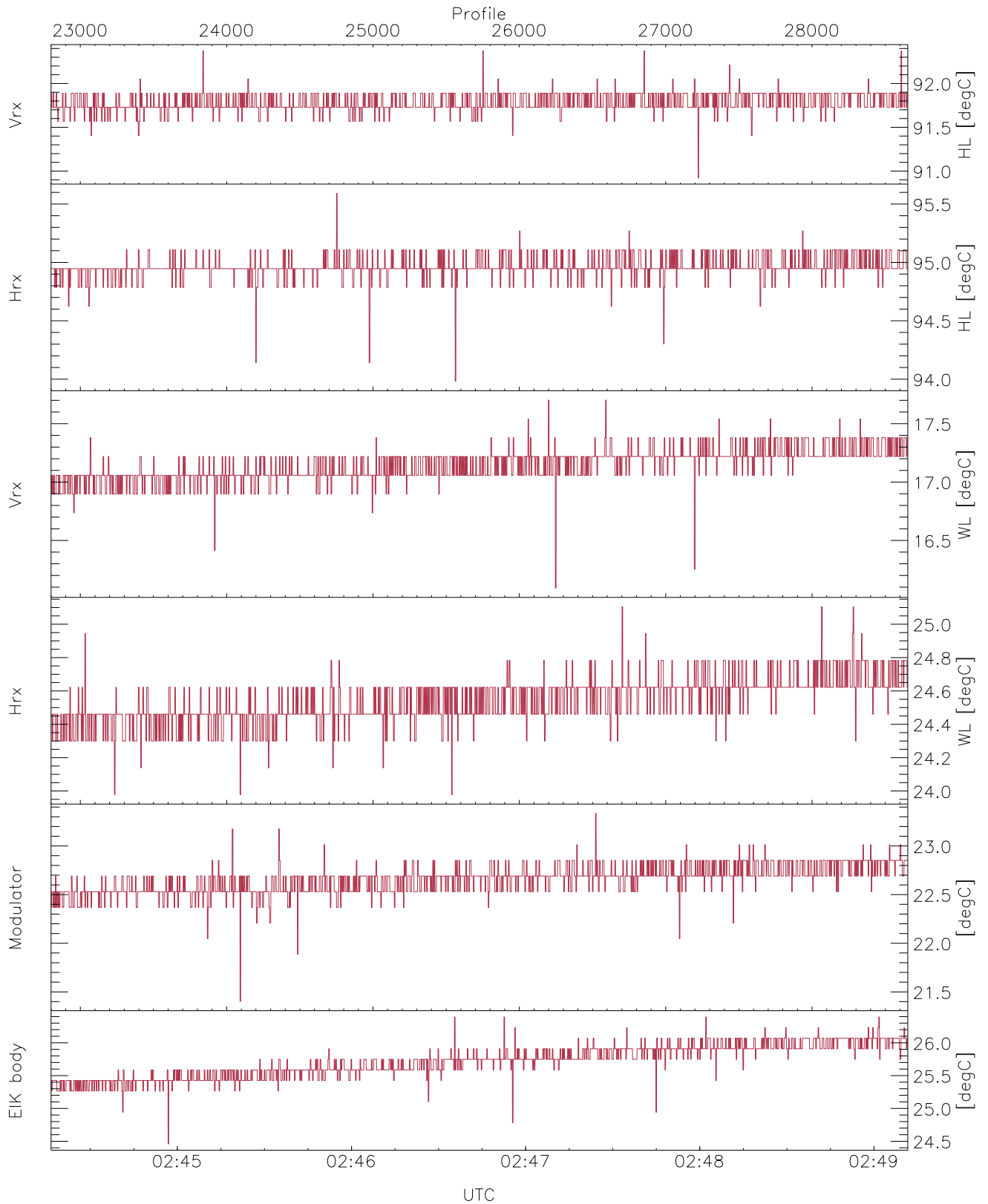


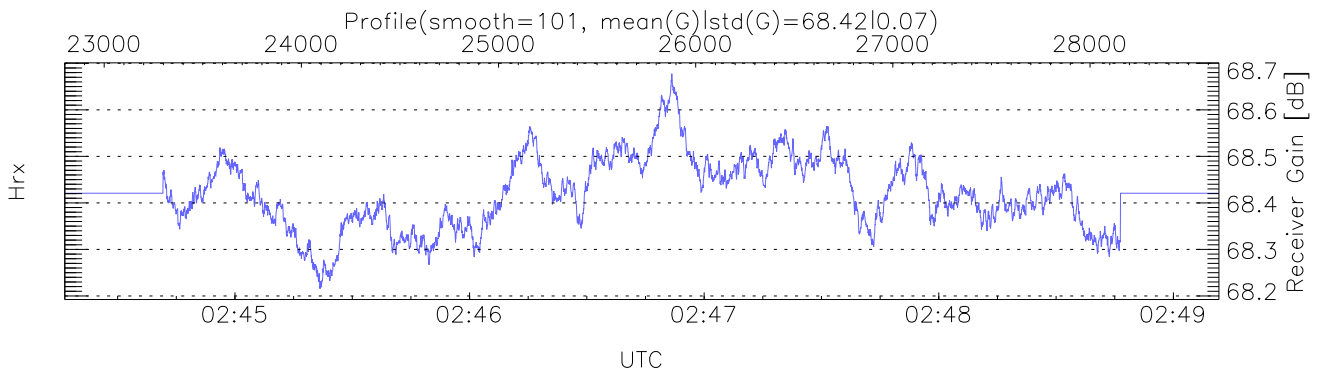
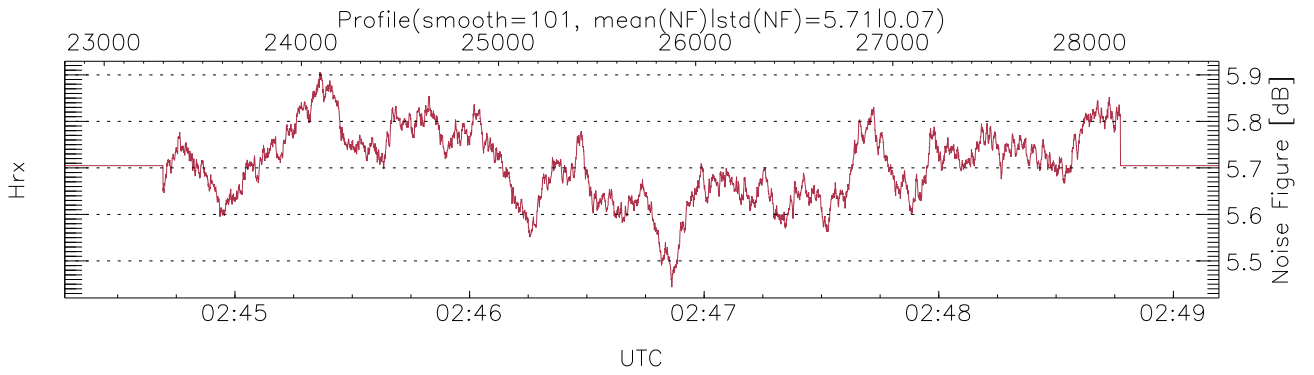
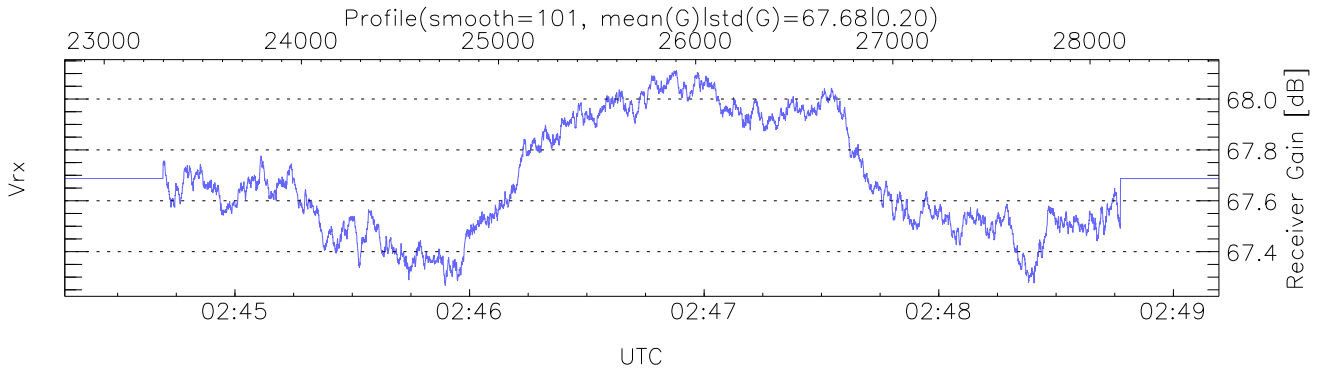
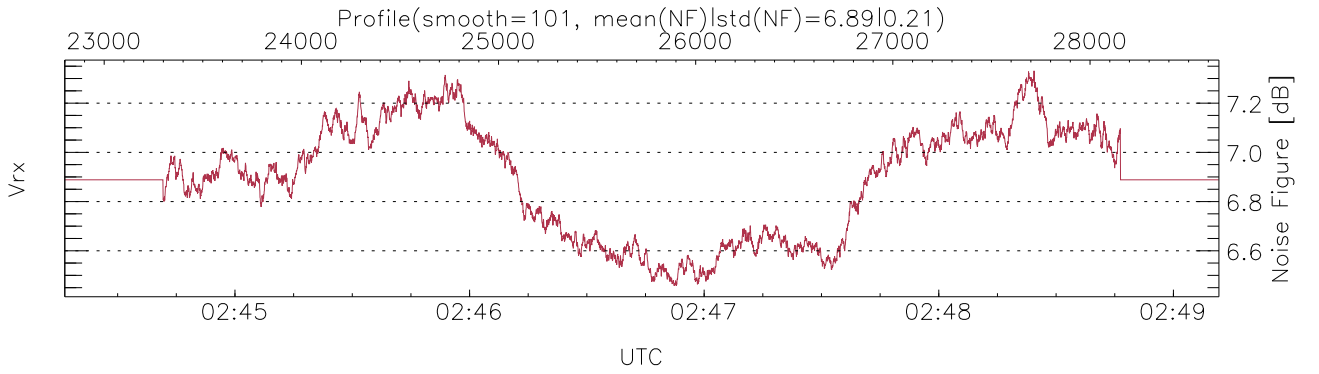
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

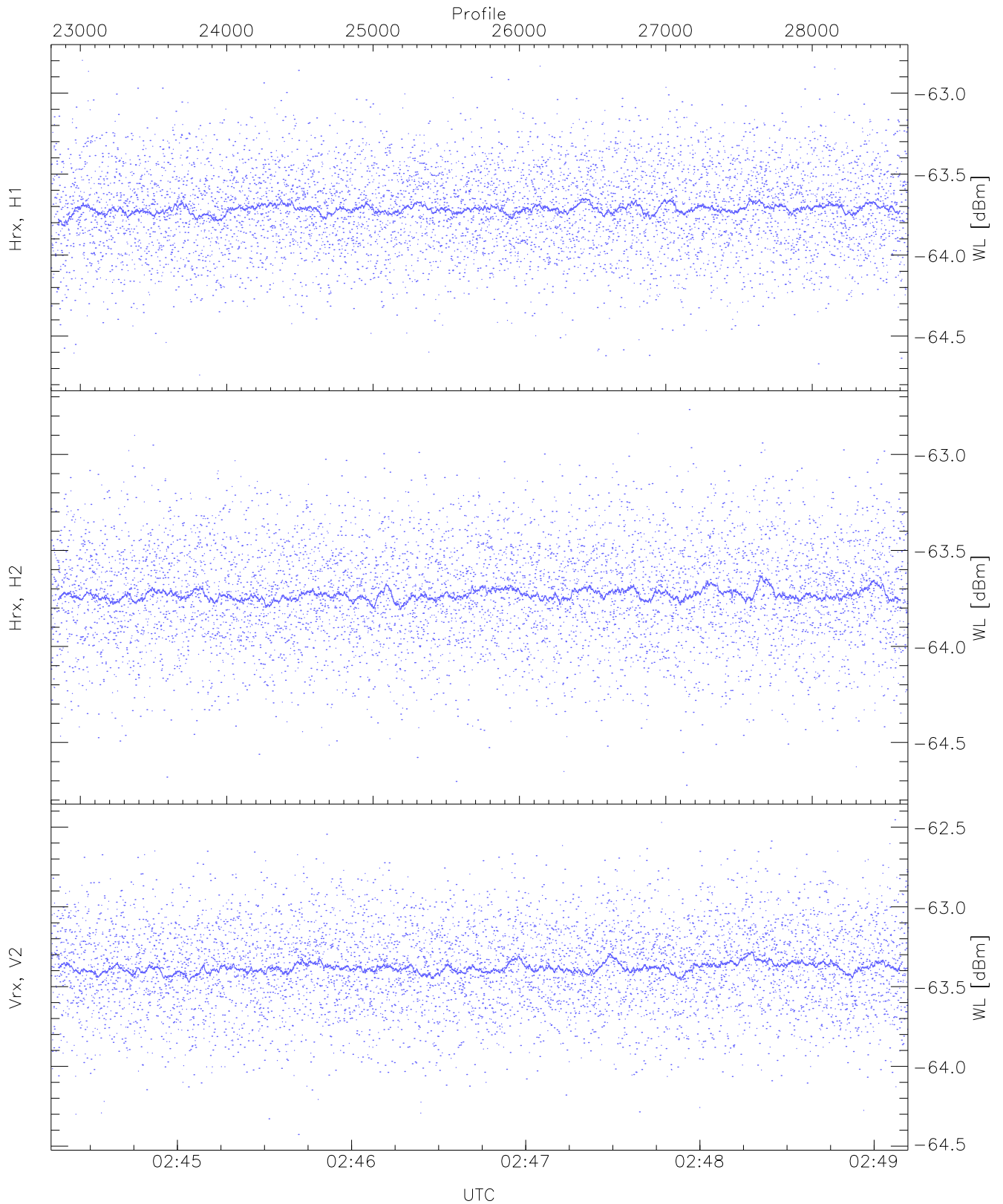
UTC: 02:25:07-02:49:12, Dur: 1444.76s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 5855/28655, 22800-28654/02:44:16-02:49:12  
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 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

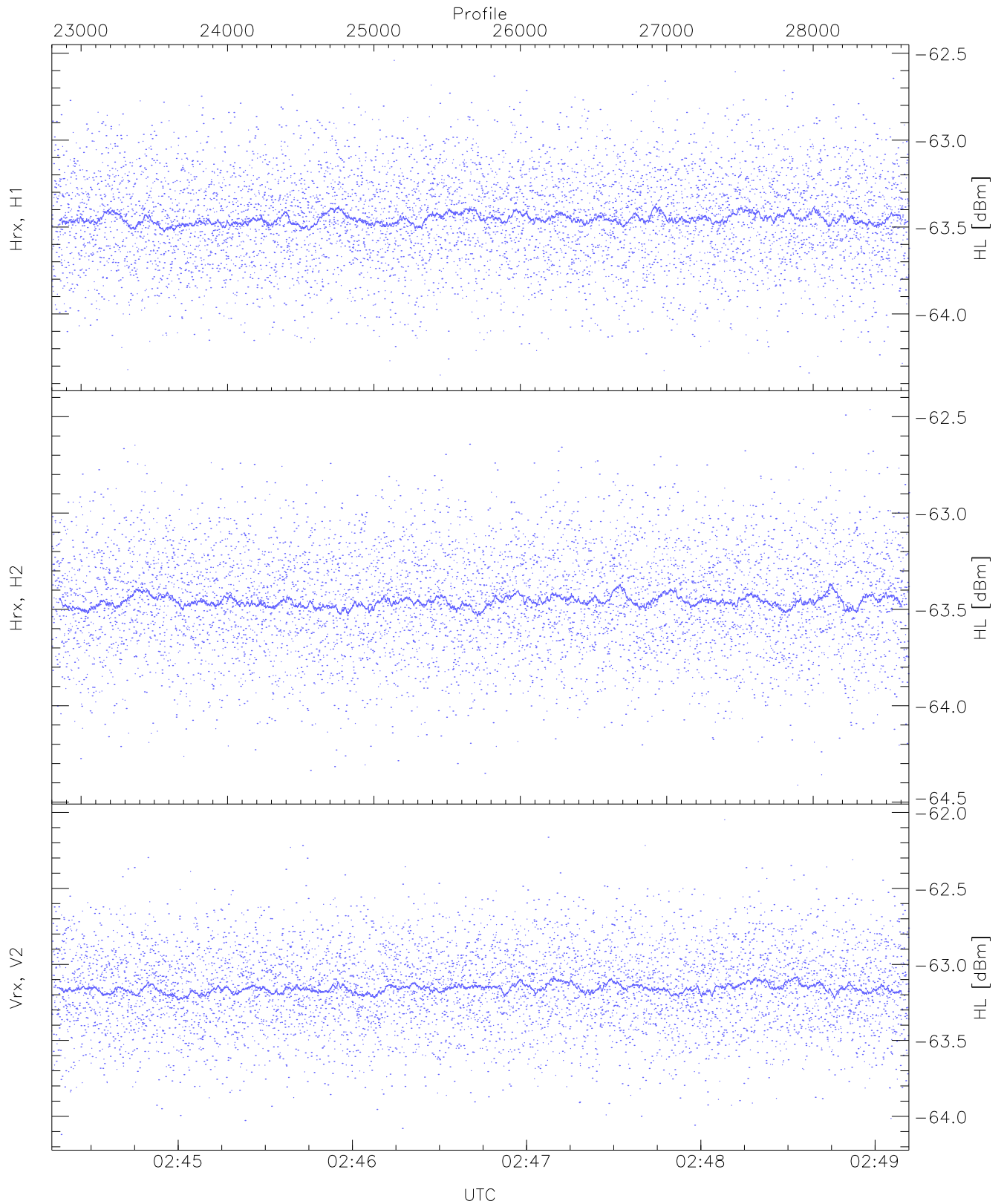
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,93,16,23,21,24  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,95,17,25,23,26  
LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,16,0  
EIK/Modulator Faults: None





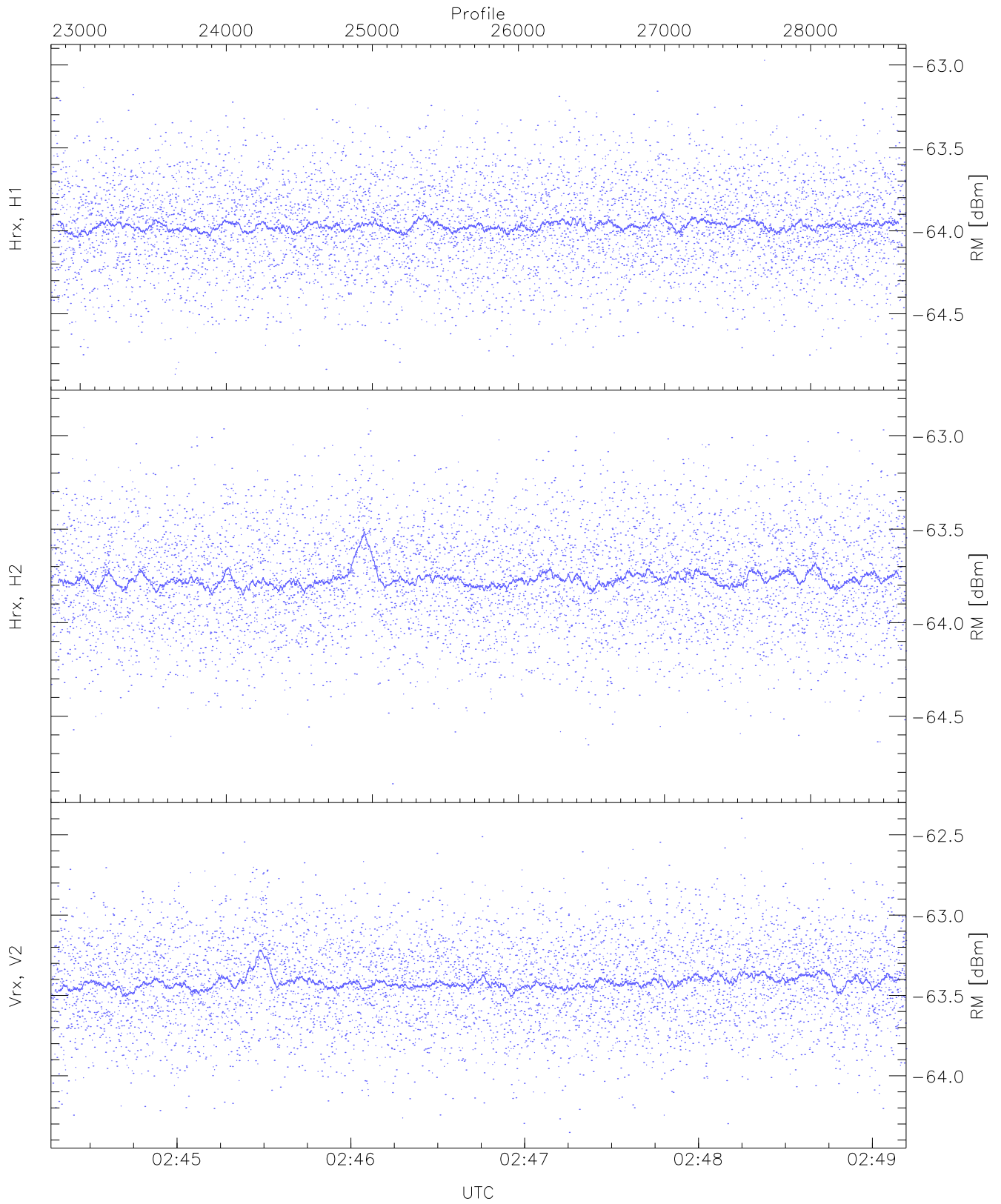
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.74 | -62.80 | -63.71 | -63.71 | -75.84 |
| Hrx, H2 (WL [dBm]) | -64.72 | -62.77 | -63.72 | -63.73 | -75.88 |
| Vrx, V2 (WL [dBm]) | -64.43 | -62.45 | -63.38 | -63.38 | -75.47 |



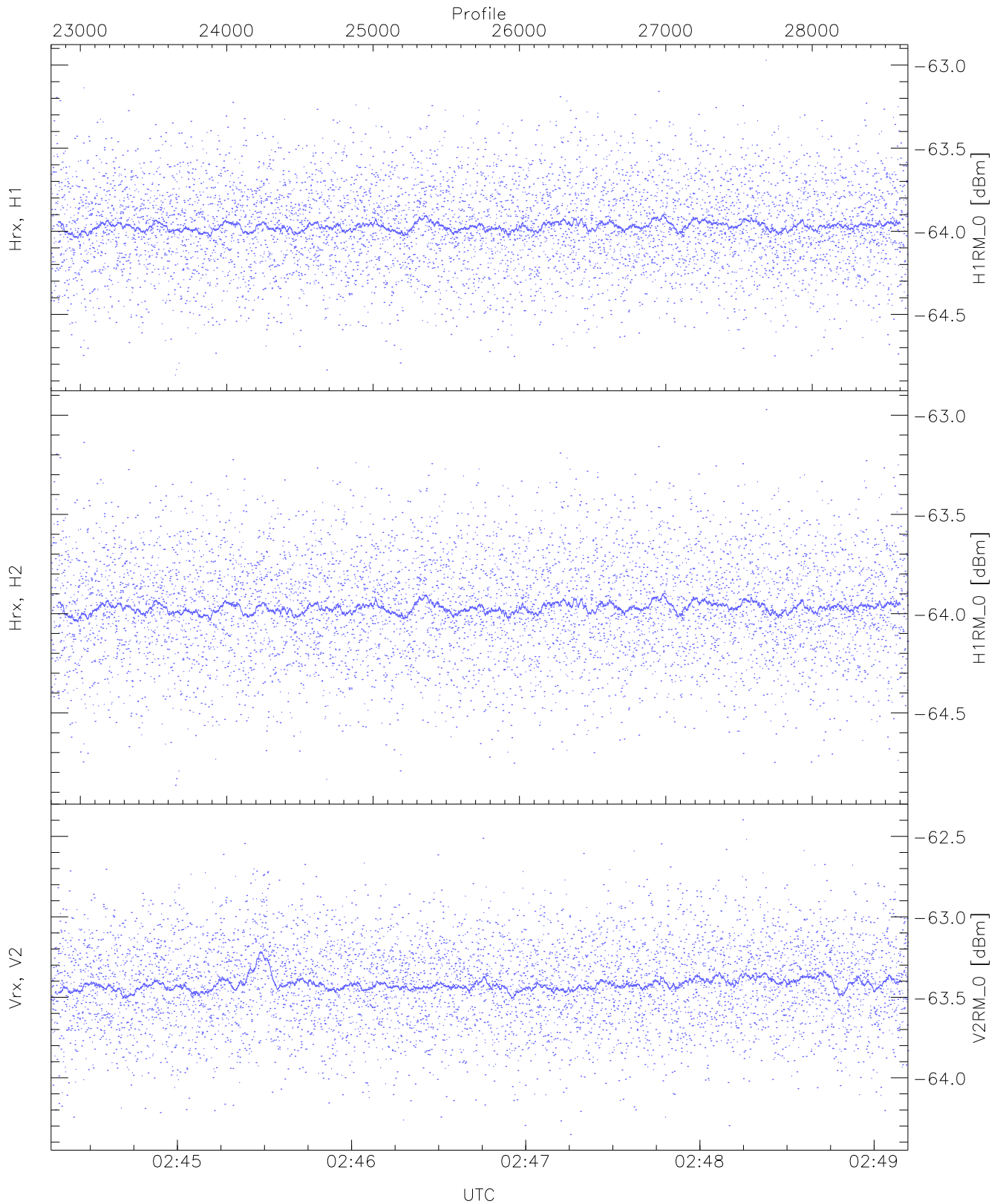
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.35 | -62.54 | -63.45 | -63.45 | -75.55 |
| Hrx, H2 (HL [dBm]) | -64.41 | -62.46 | -63.45 | -63.46 | -75.56 |
| Vrx, V2 (HL [dBm]) | -64.12 | -62.05 | -63.15 | -63.16 | -75.25 |



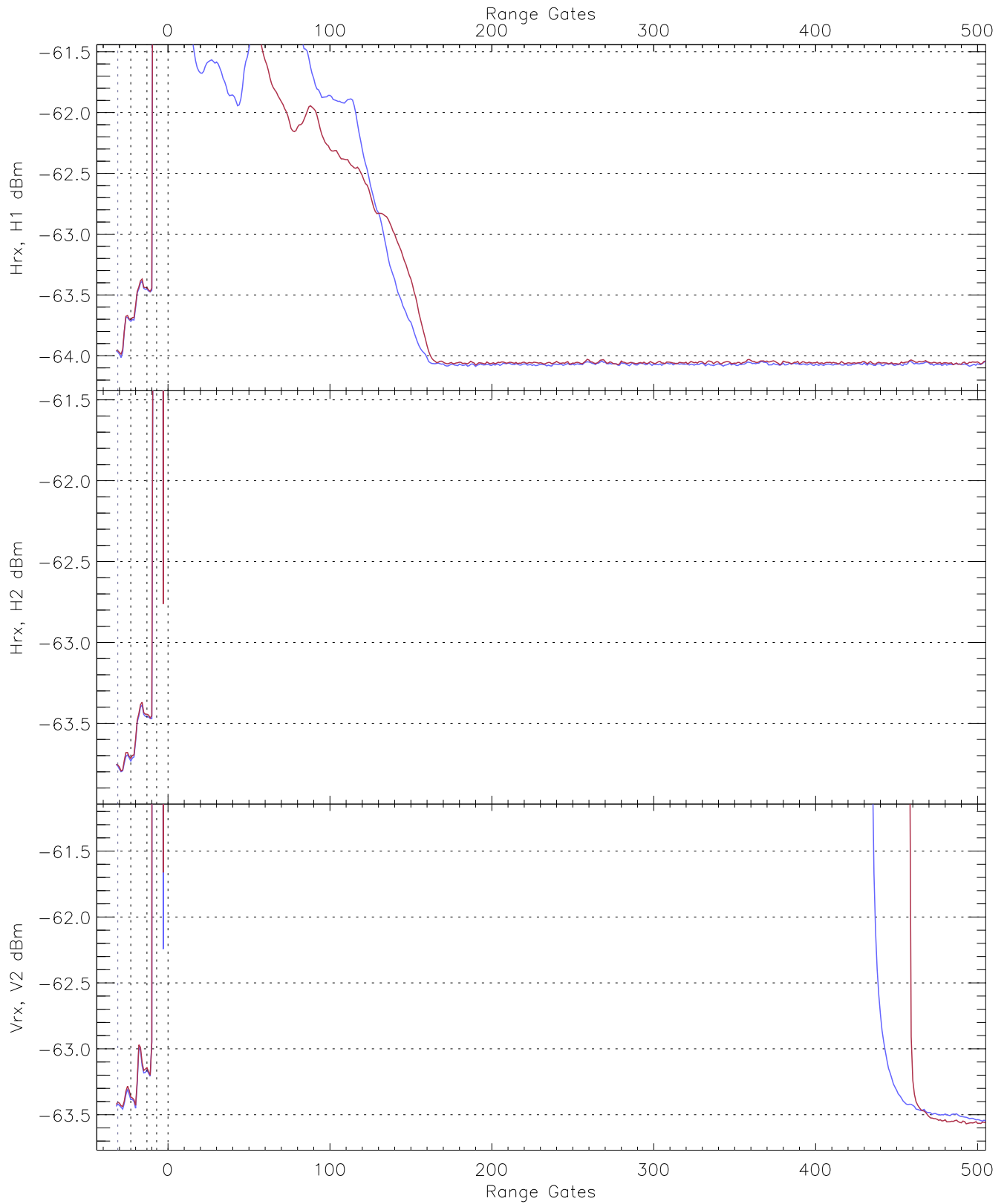
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

|                    | Min    | Max    | Mean   | Median | StDev  |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -64.86 | -62.97 | -63.96 | -63.98 | -76.12 |
| Hrx, H2 (RM [dBm]) | -64.86 | -62.86 | -63.76 | -63.77 | -75.86 |
| Vrx, V2 (RM [dBm]) | -64.35 | -62.40 | -63.41 | -63.41 | -75.55 |



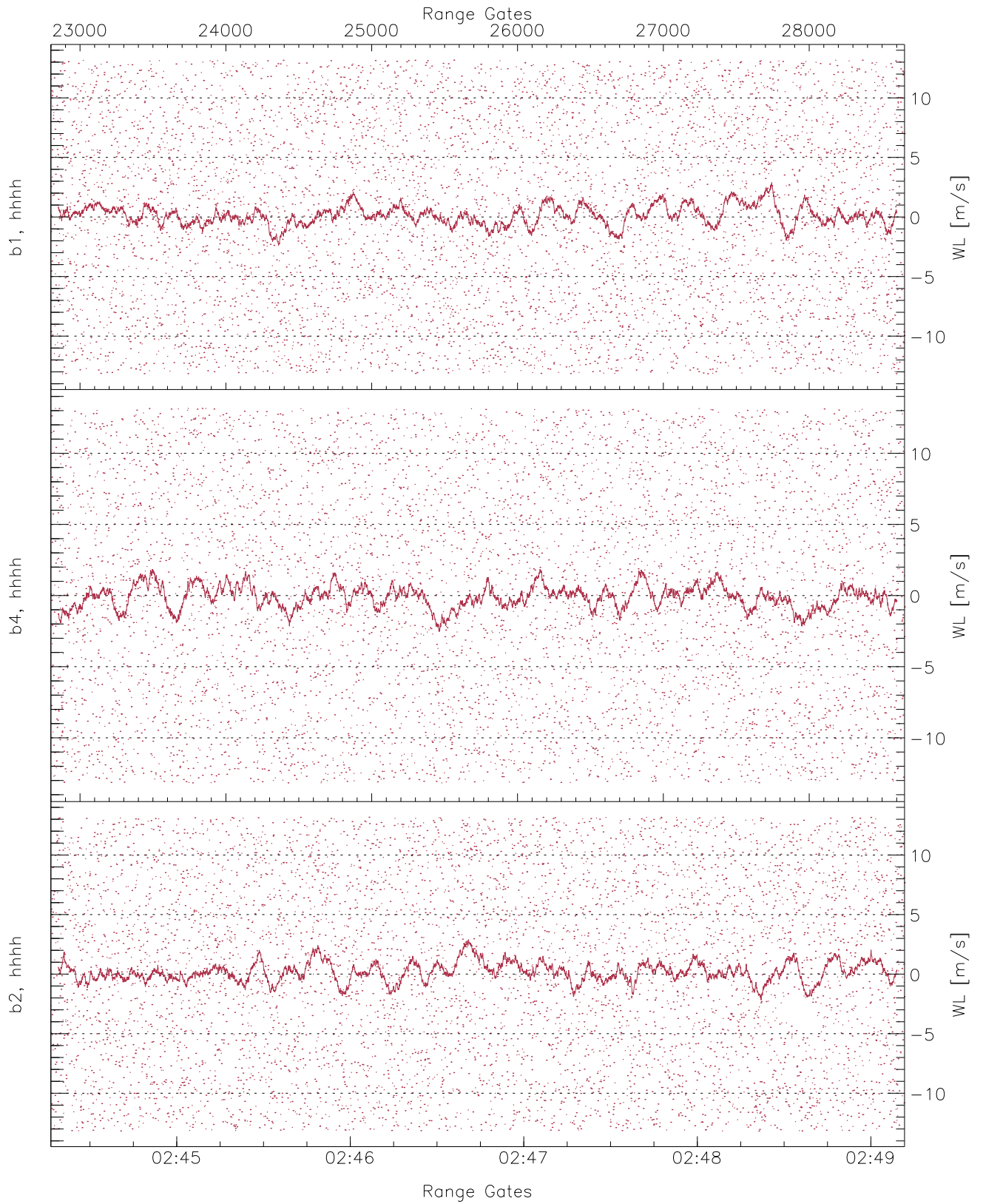
WCR2 CPP "Best" estimate Receivers Noise Power

|              | Min    | Max    | Mean   | Median | StDev  |
|--------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -64.86 | -62.97 | -63.96 | -63.98 | -76.12 |
| H1RM_0 [dBm] | -64.86 | -62.97 | -63.96 | -63.98 | -76.12 |
| V2RM_0 [dBm] | -64.35 | -62.40 | -63.41 | -63.41 | -75.55 |

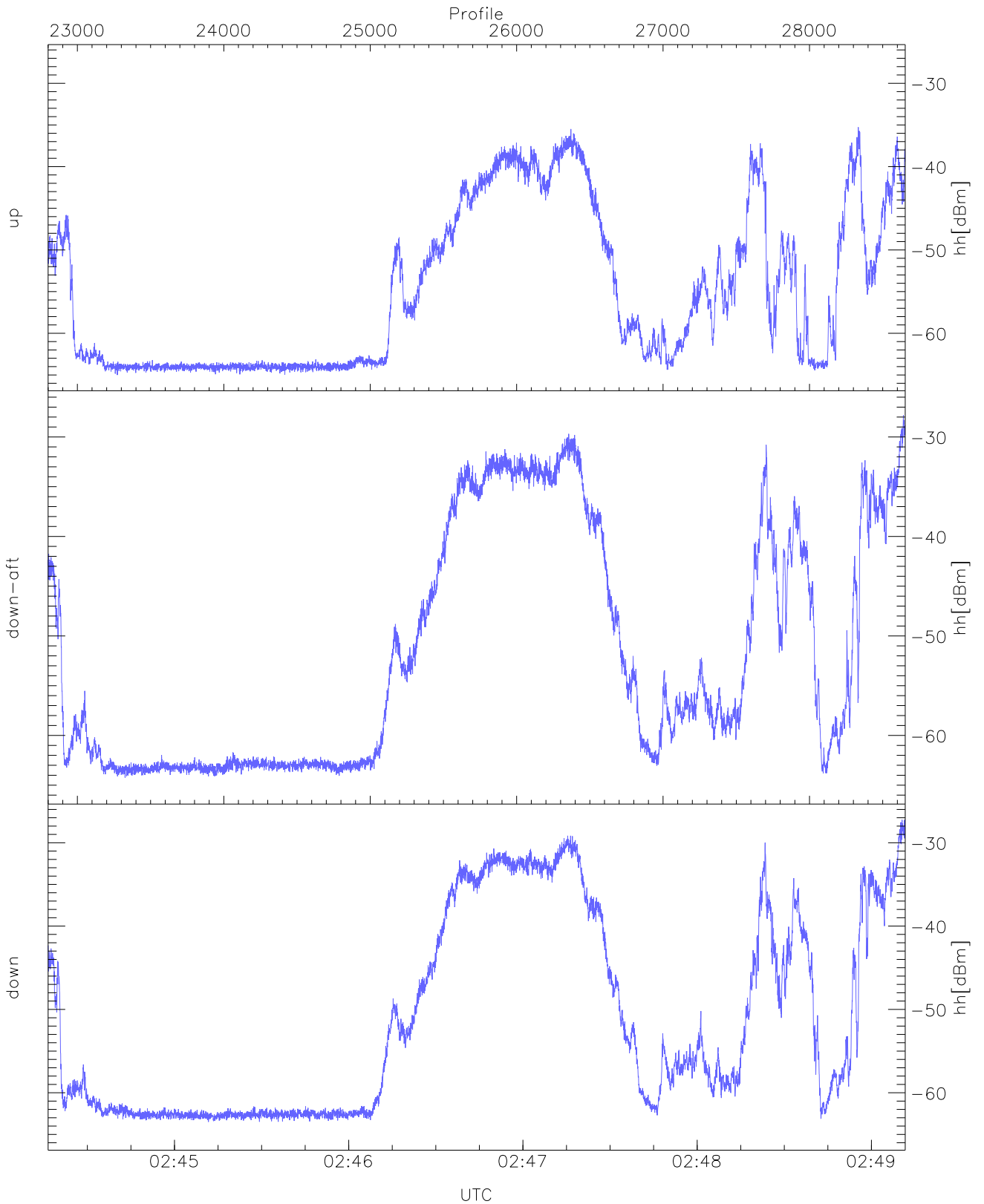


WCR2 CPP Averaged Received power for all recorded gates  
blue: 024416-24644, 2928 profiles averaged  
red: 24644-024912, 2928 profiles averaged



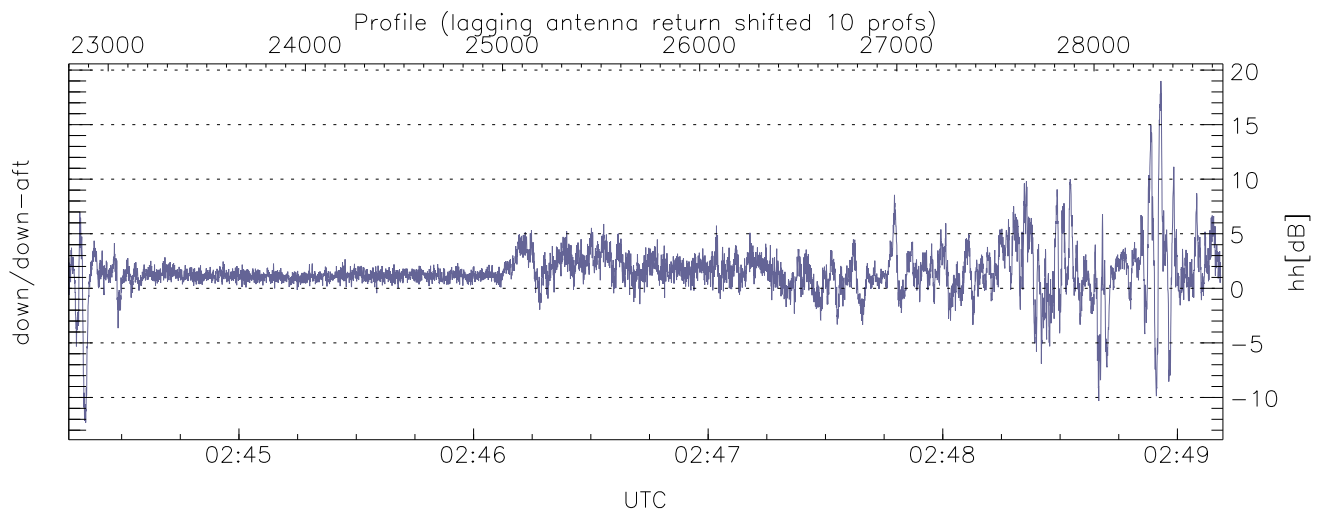
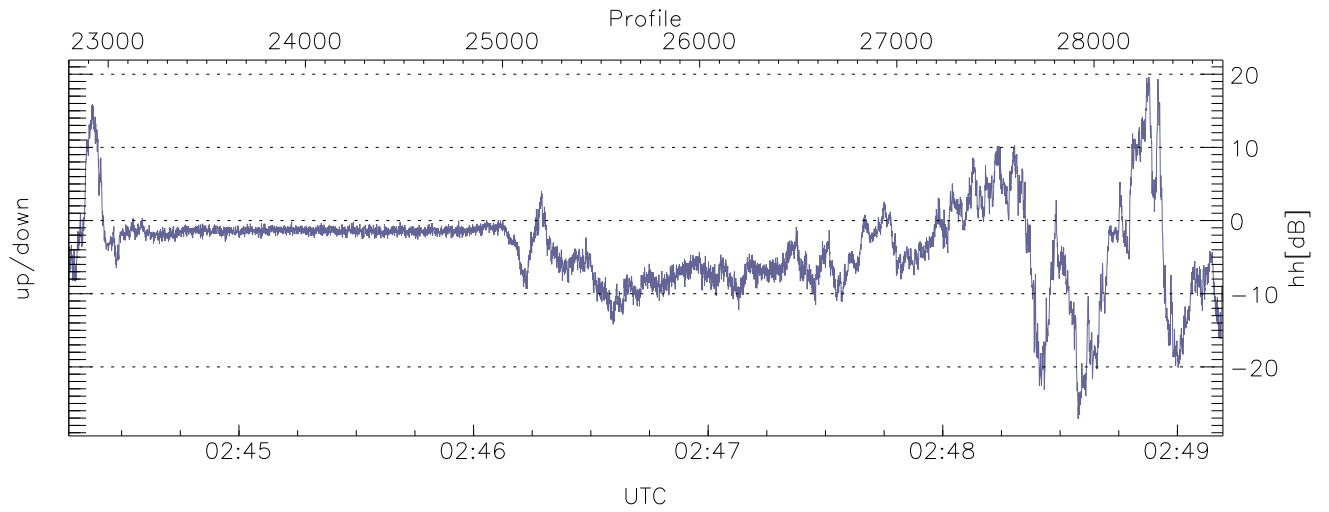


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



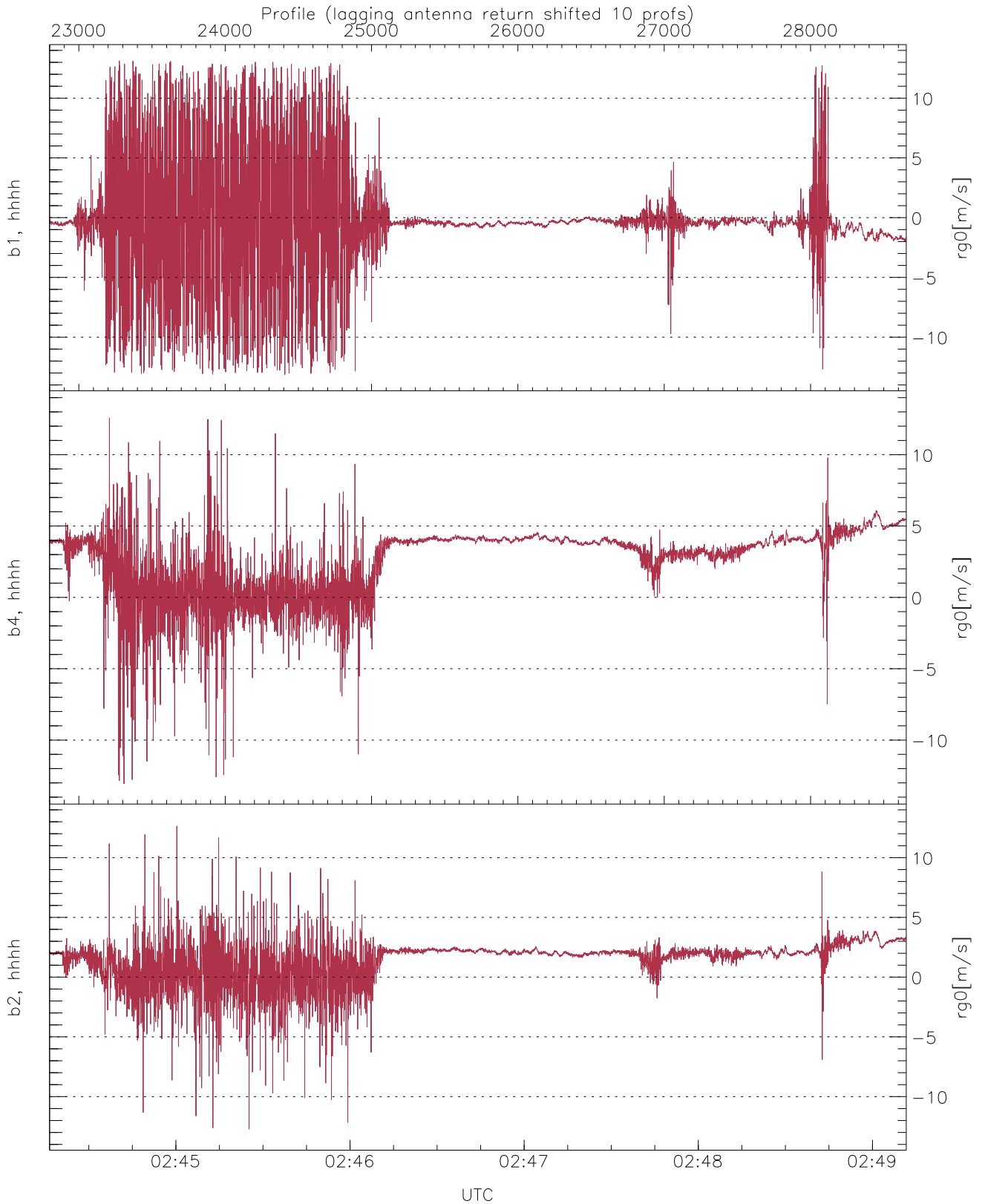
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

|                   | Min    | Max    | Mean   |
|-------------------|--------|--------|--------|
| up(hh[dBm])       | -65.01 | -35.28 | -45.93 |
| down-aft(hh[dBm]) | -64.24 | -27.81 | -39.63 |
| down(hh[dBm])     | -63.49 | -27.24 | -38.88 |



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

|                       | Min    | Max   | Mean  |
|-----------------------|--------|-------|-------|
| up/down(hh[dB])       | -27.10 | 19.60 | -2.77 |
| down/down-aft(hh[dB]) | -12.31 | 19.00 | 1.50  |



WCR2 CPP Doppler Velocity Products at 105.1 m range

|                    | Min    | Max   | Mean  | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -13.13 | 13.13 | -0.31 | 4.05  |
| b4, hhhh(rg0[m/s]) | -13.07 | 12.58 | 2.67  | 2.38  |
| b2, hhhh(rg0[m/s]) | -12.72 | 12.65 | 1.48  | 1.78  |