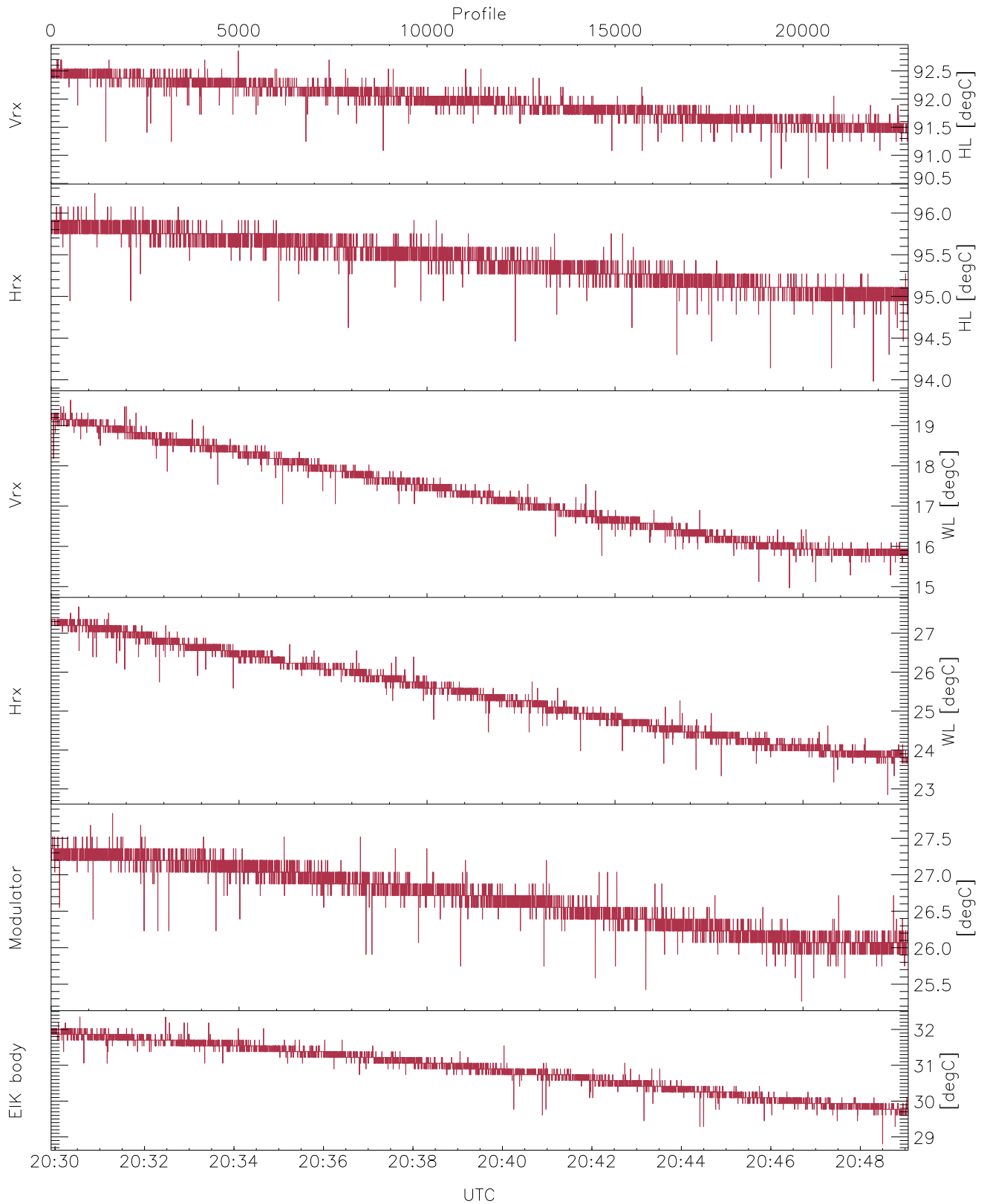


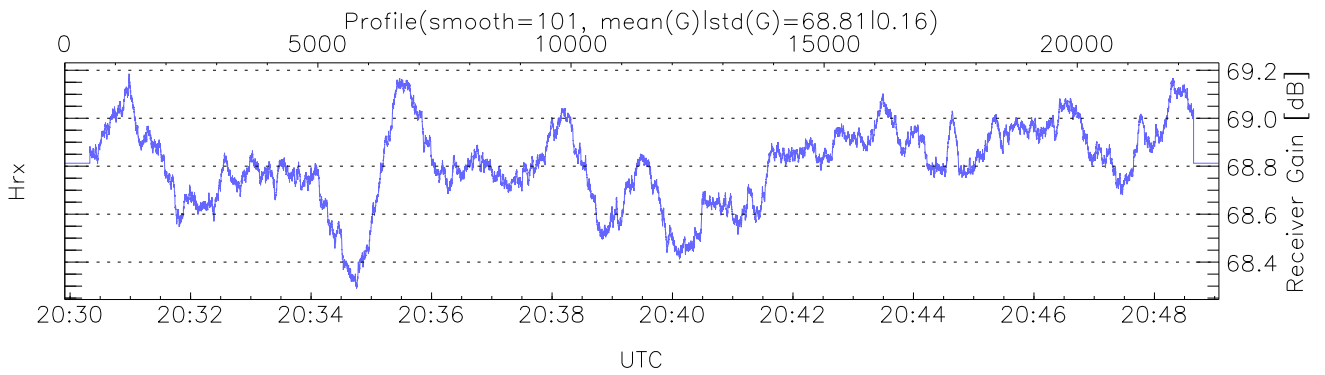
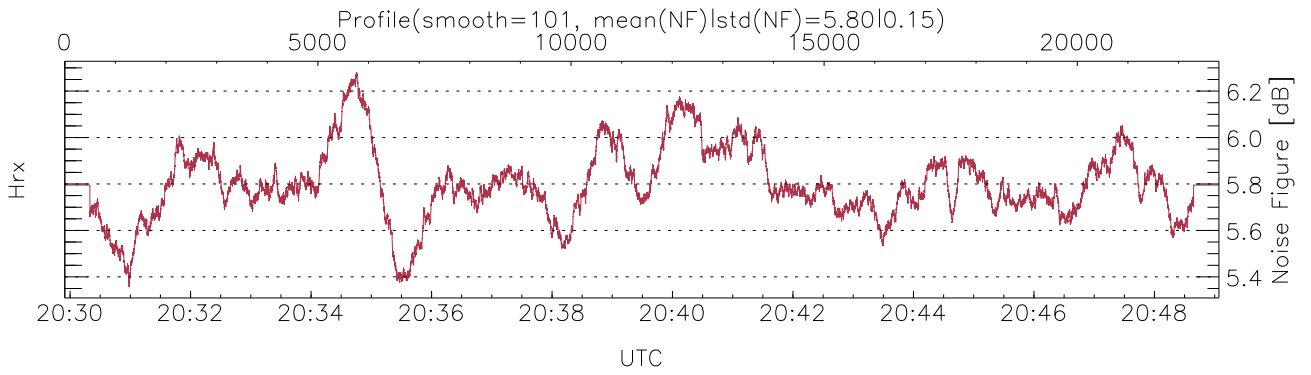
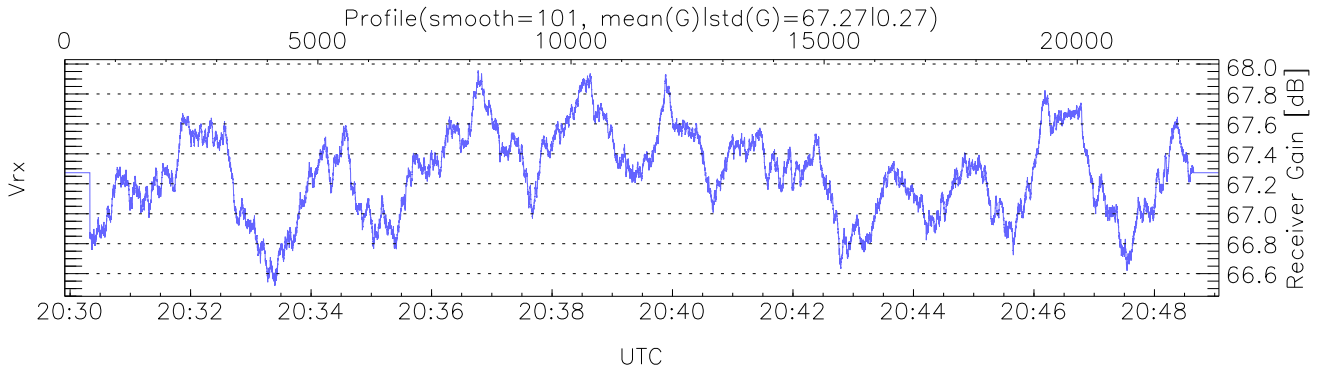
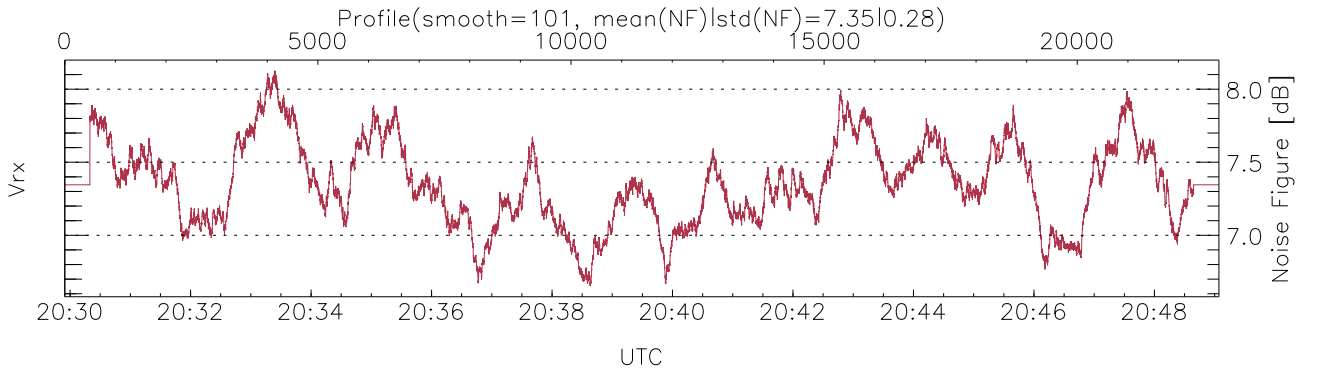
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

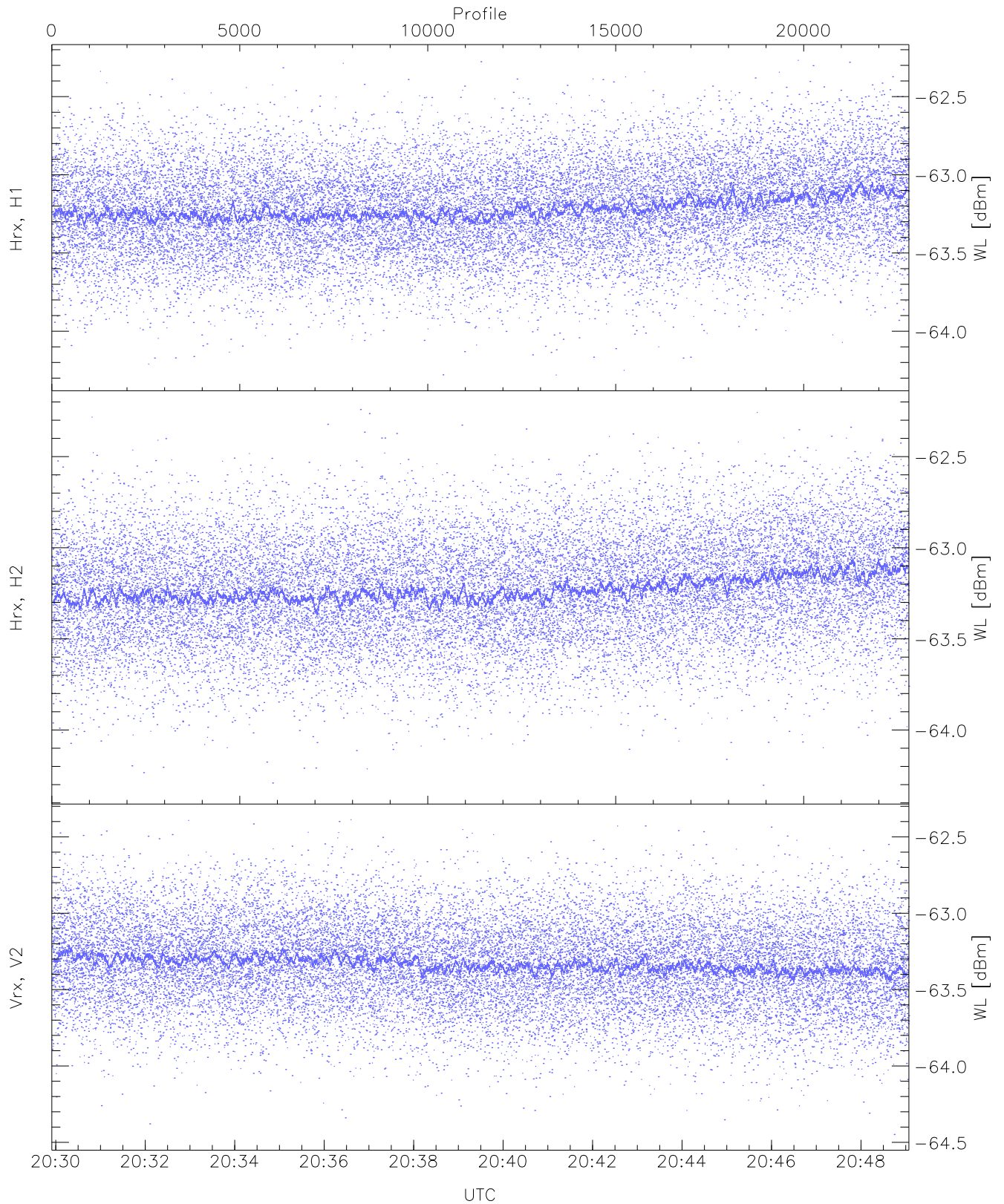
UTC: 20:29:55-21:02:14, Dur: 1939.45s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/38466, 0-22799/20:29:55-20:49:04
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

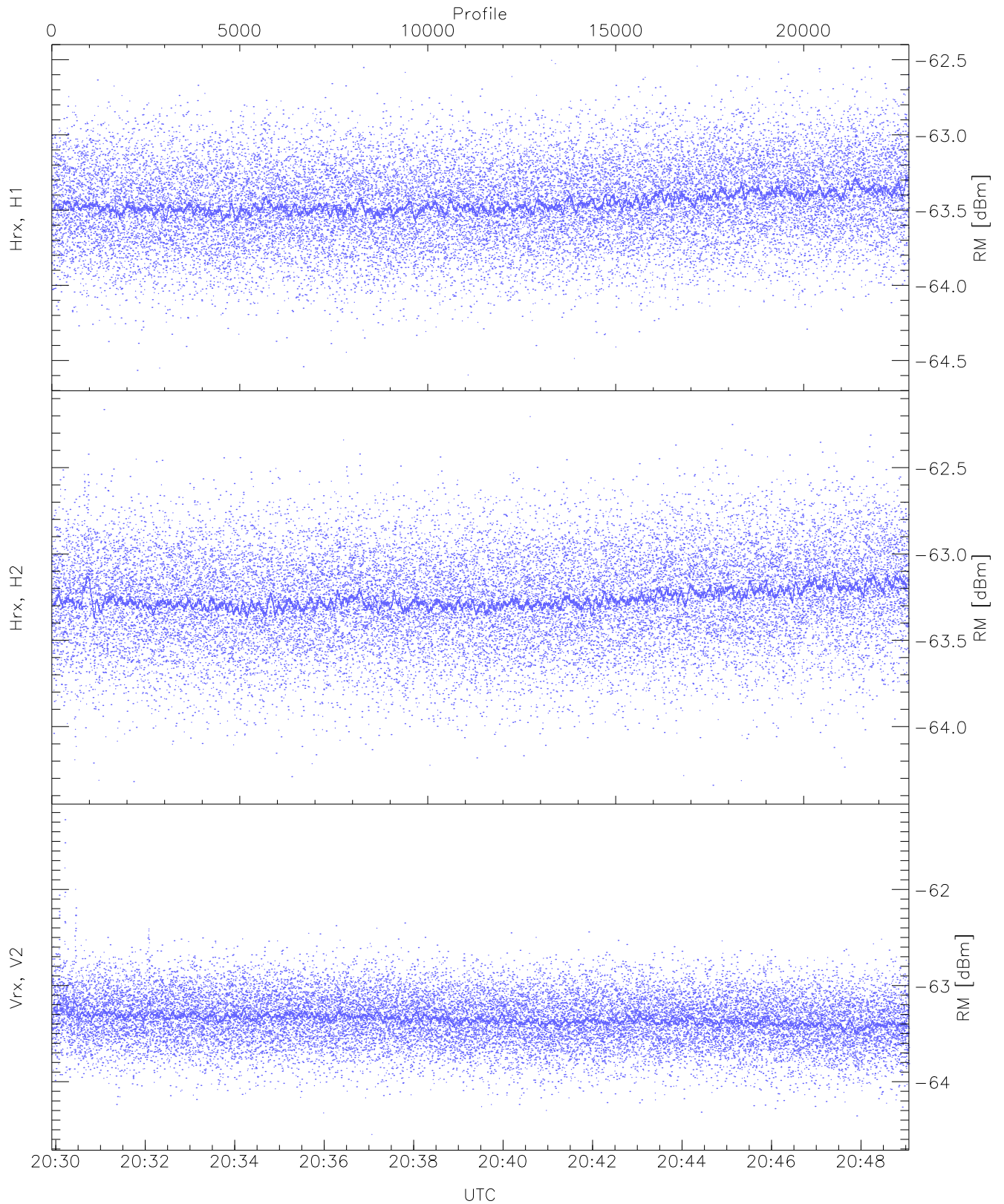
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,93,14,22,25,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,96,19,27,27,32
 LOalarm(20,80,240,2.8,14.8 MHz): 20,0,0,16,0
 EIK/Modulator Faults: None





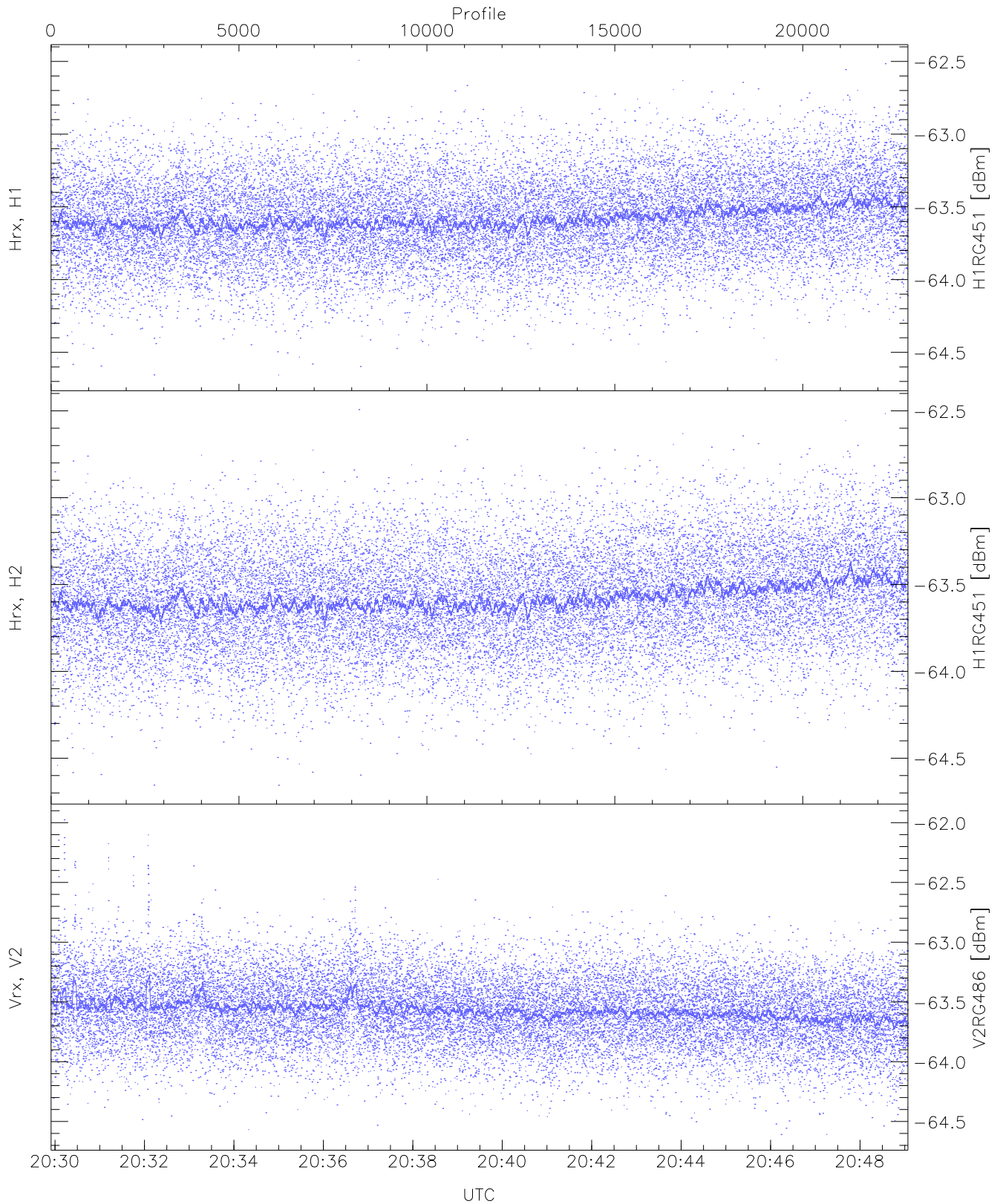
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.28 | -62.27 | -63.21 | -63.22 | -75.29 |
| Hrx, H2 (WL [dBm]) | -64.30 | -62.24 | -63.22 | -63.23 | -75.32 |
| Vrx, V2 (WL [dBm]) | -64.45 | -62.39 | -63.33 | -63.34 | -75.43 |



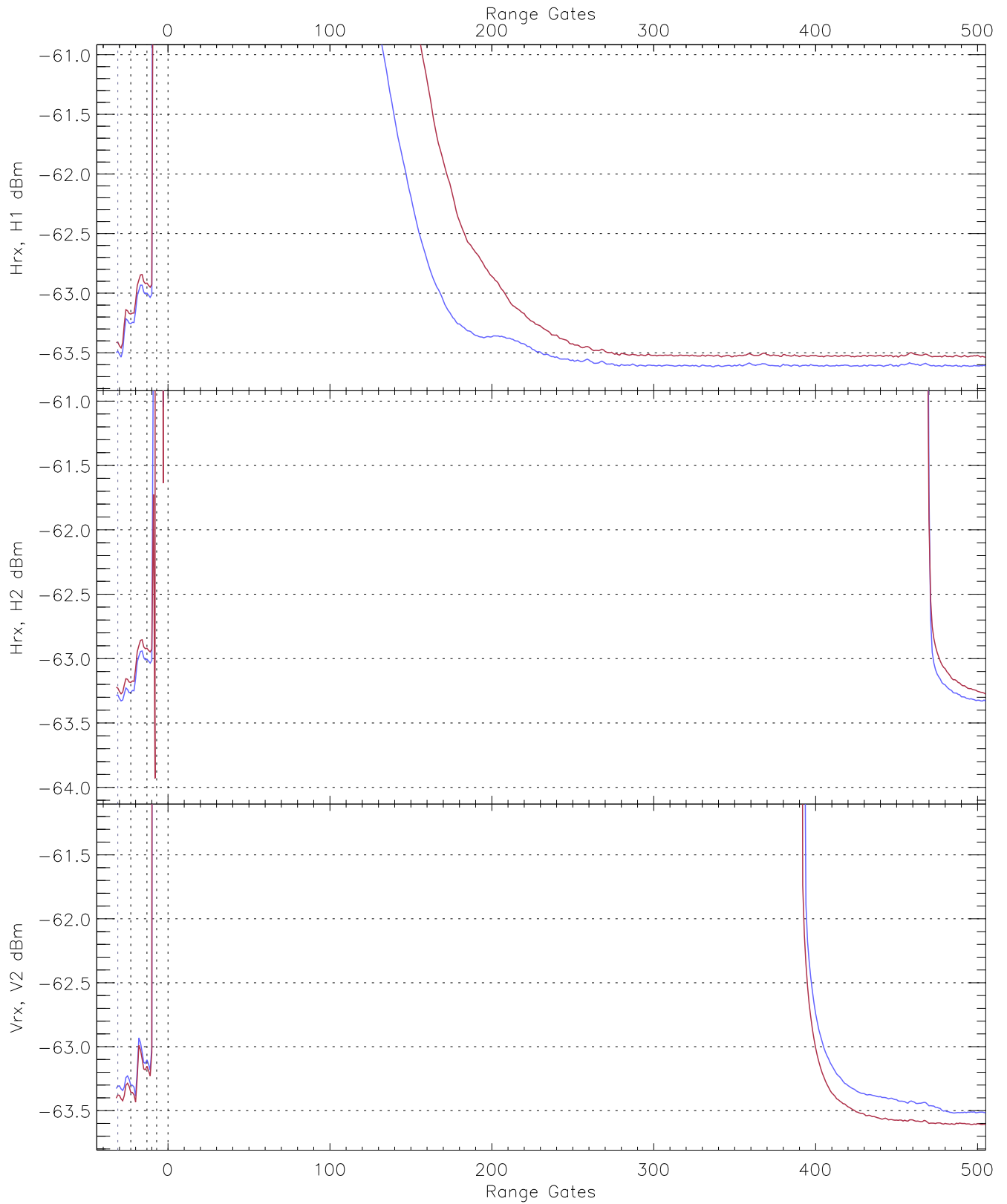
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -64.60 | -62.50 | -63.45 | -63.46 | -75.53 |
| Hrx, H2 (RM [dBm]) | -64.34 | -62.16 | -63.26 | -63.26 | -75.37 |
| Vrx, V2 (RM [dBm]) | -64.55 | -61.28 | -63.34 | -63.35 | -75.38 |

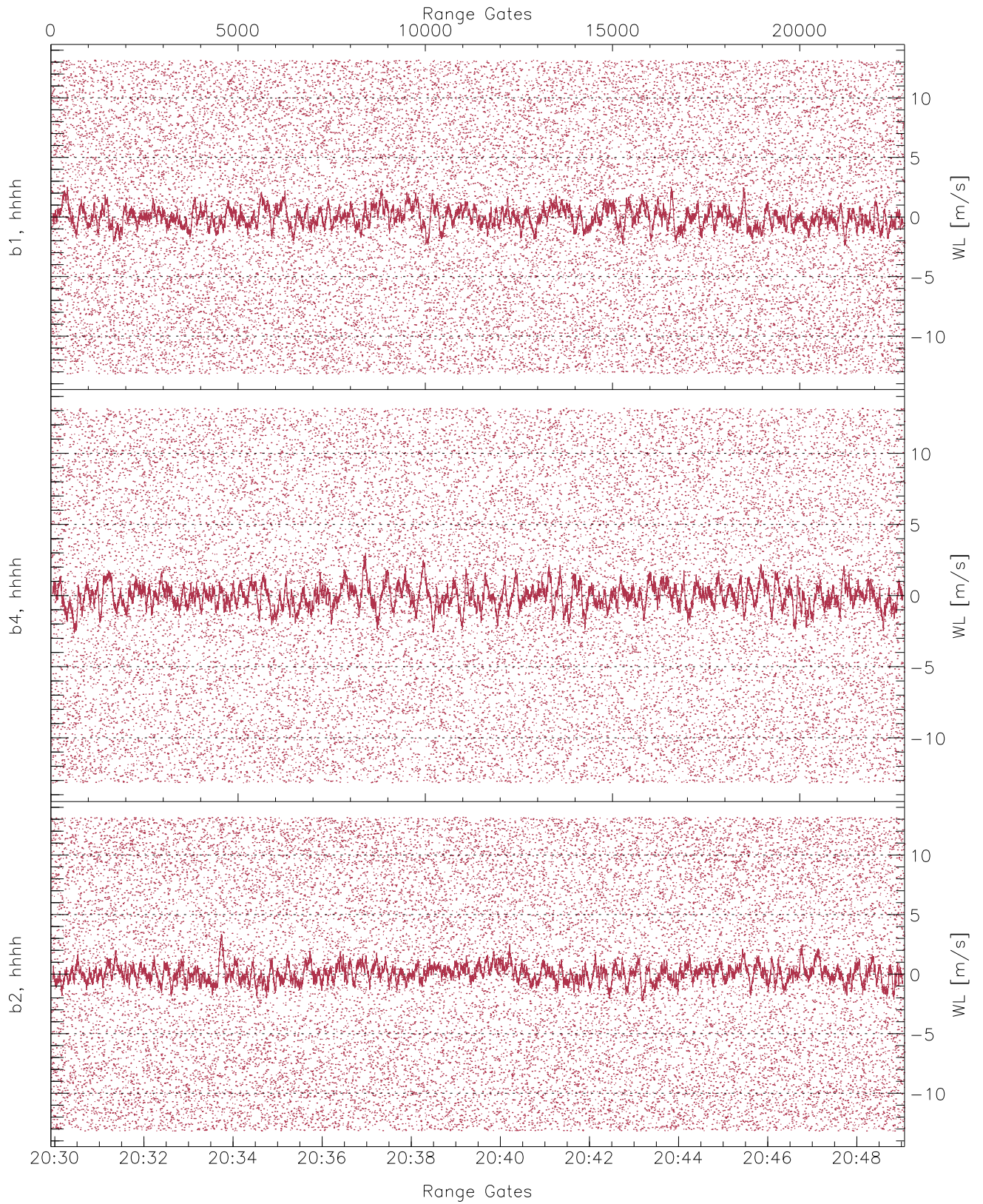


WCR2 CPP "Best" estimate Receivers Noise Power

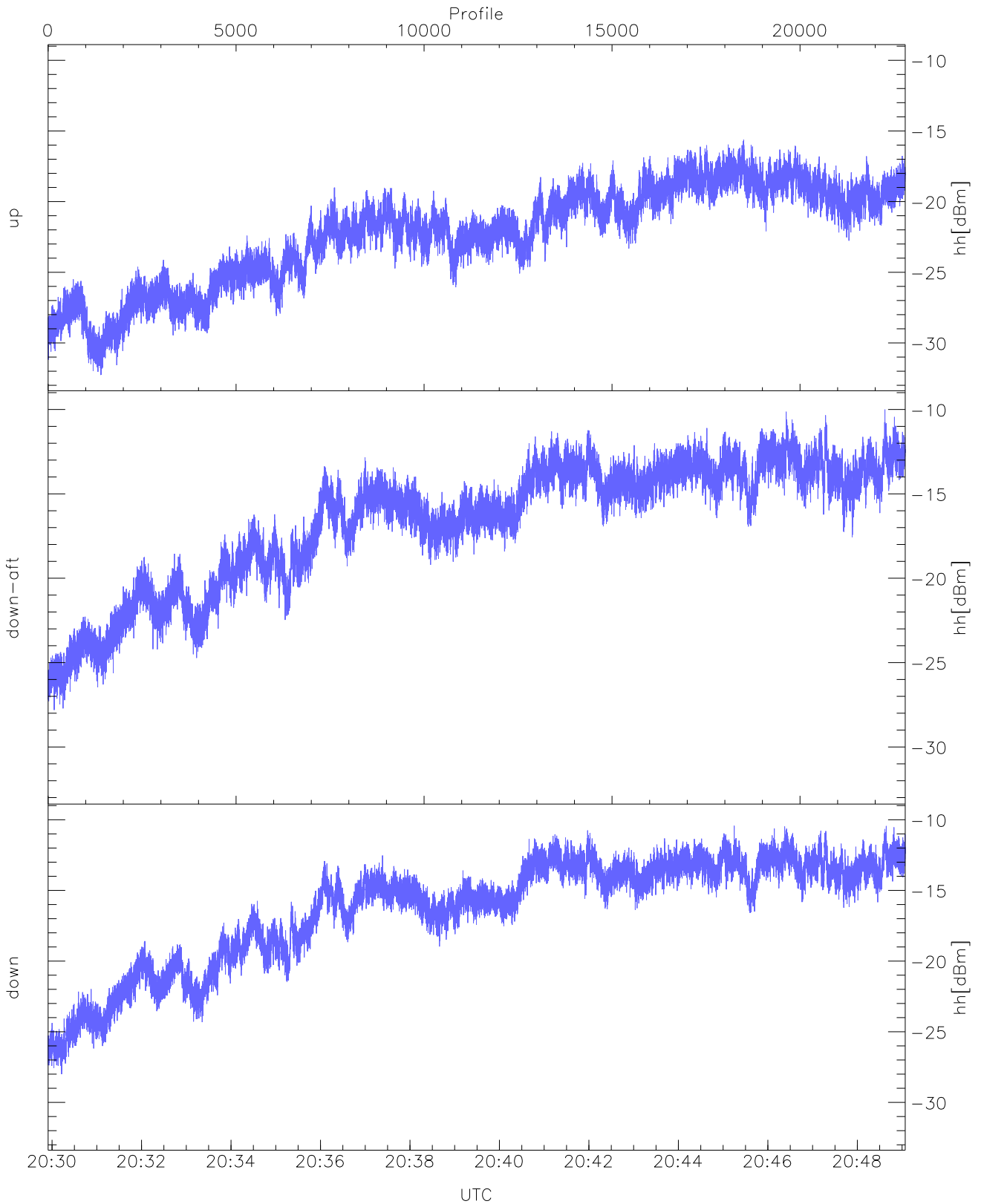
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RG451 [dBm] | -64.66 | -62.49 | -63.58 | -63.58 | -75.65 |
| H1RG451 [dBm] | -64.66 | -62.49 | -63.58 | -63.58 | -75.65 |
| V2RG486 [dBm] | -64.61 | -61.98 | -63.56 | -63.57 | -75.50 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 202955-203929, 11401 profiles averaged
red: 203929-204904, 11400 profiles averaged

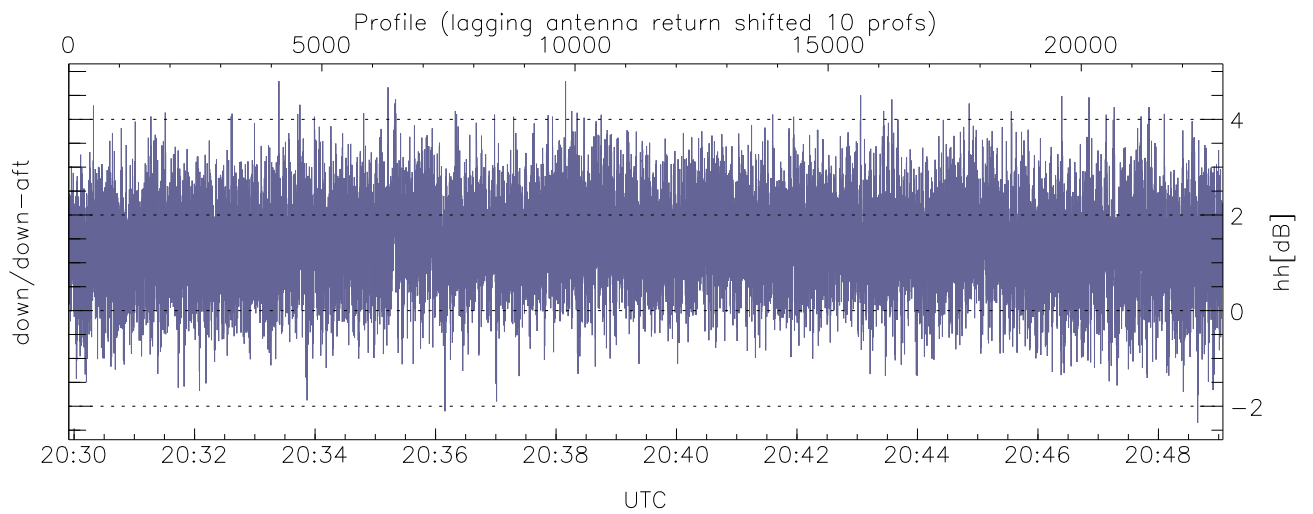
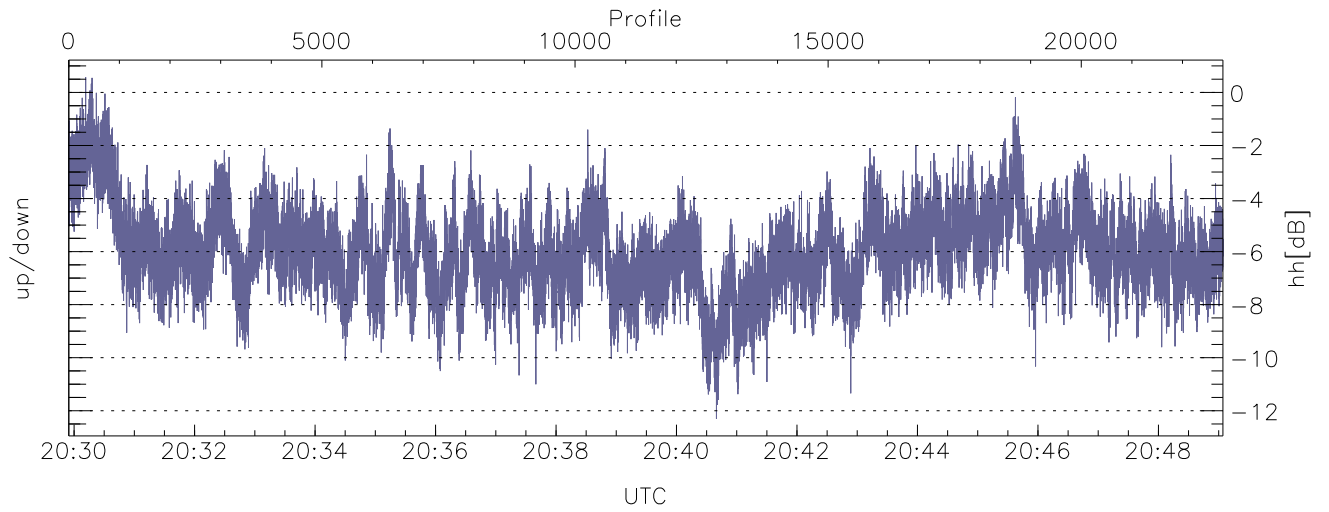


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



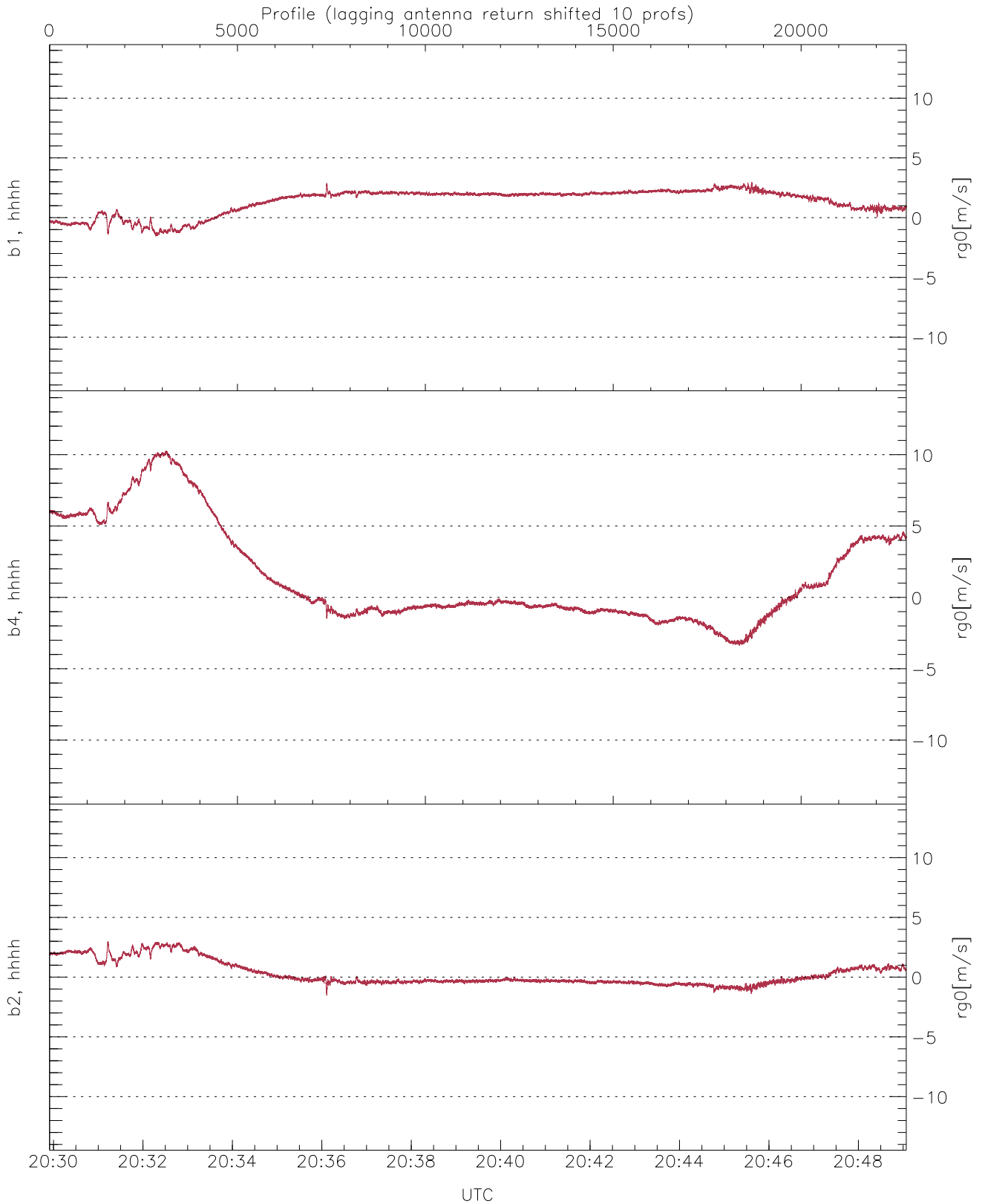
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|--------|--------|
| up(hh[dBm]) | -32.27 | -15.61 | -21.15 |
| down-aft(hh[dBm]) | -27.81 | -10.00 | -15.46 |
| down(hh[dBm]) | -28.00 | -10.43 | -15.11 |



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

| | Min | Max | Mean |
|-----------------------|--------|------|-------|
| up/down(hh[dB]) | -12.31 | 0.58 | -4.96 |
| down/down-aft(hh[dB]) | -2.34 | 4.80 | 1.39 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|-------|-------|------|-------|
| b1, hhhh(rg0[m/s]) | -1.56 | 2.96 | 1.35 | 1.05 |
| b4, hhhh(rg0[m/s]) | -3.38 | 10.27 | 1.40 | 3.45 |
| b2, hhhh(rg0[m/s]) | -1.53 | 2.98 | 0.26 | 1.02 |