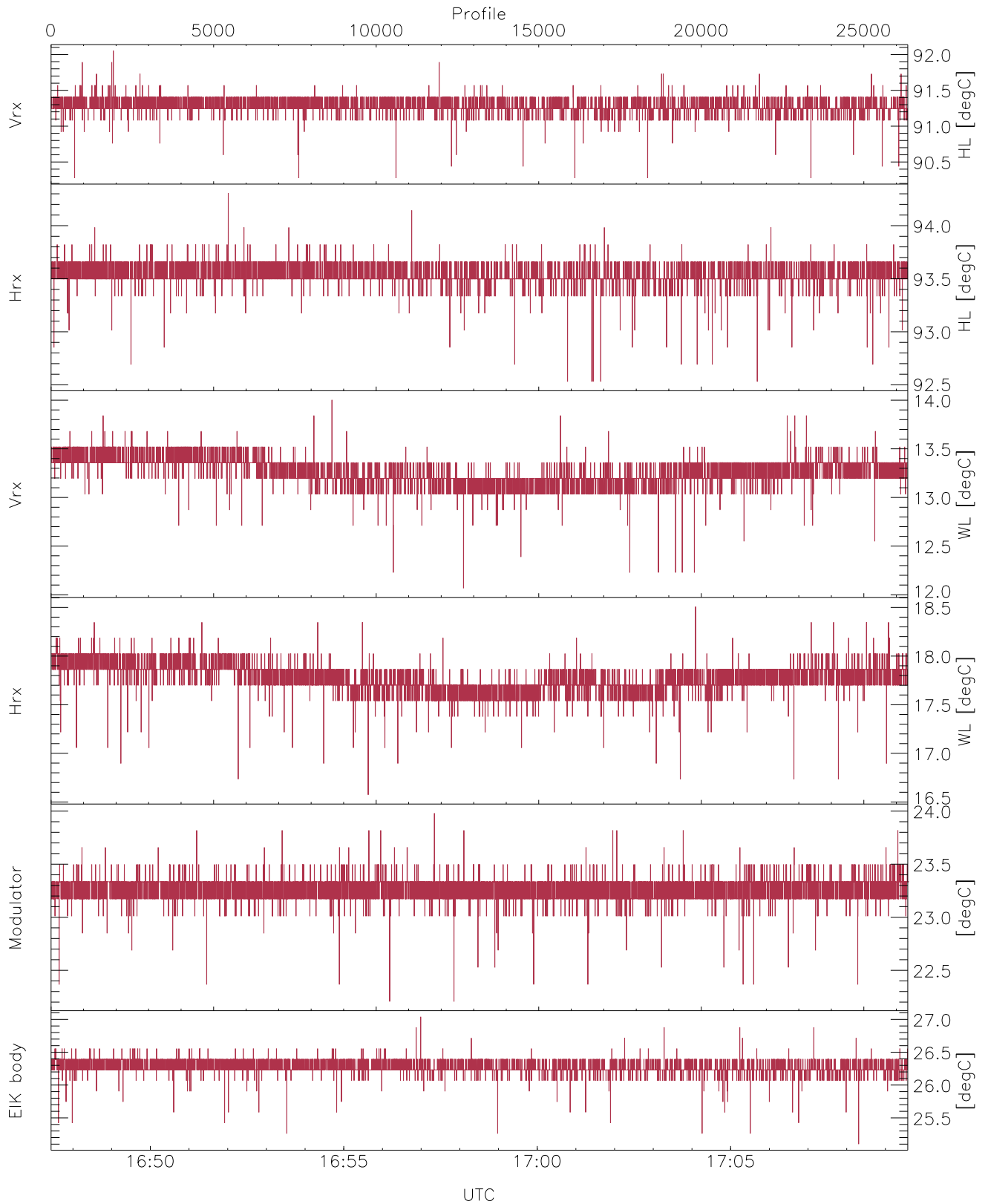


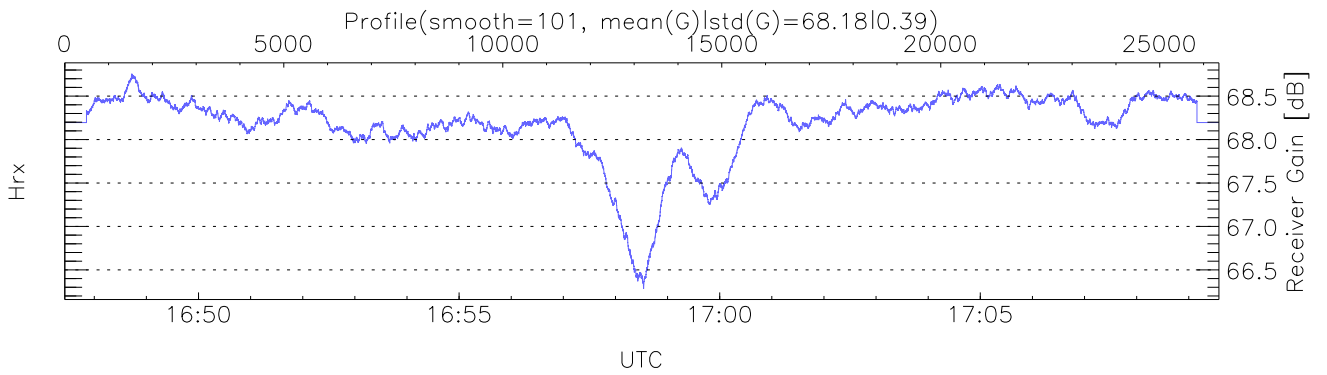
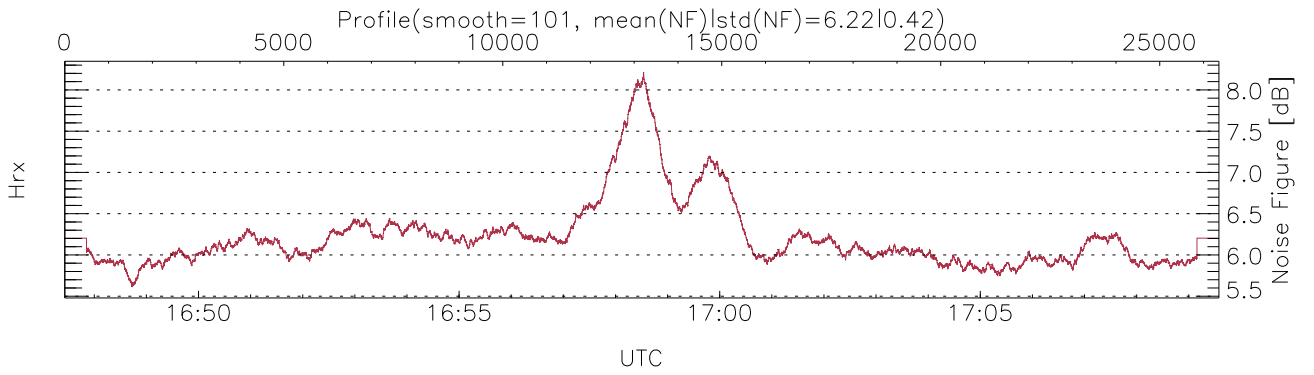
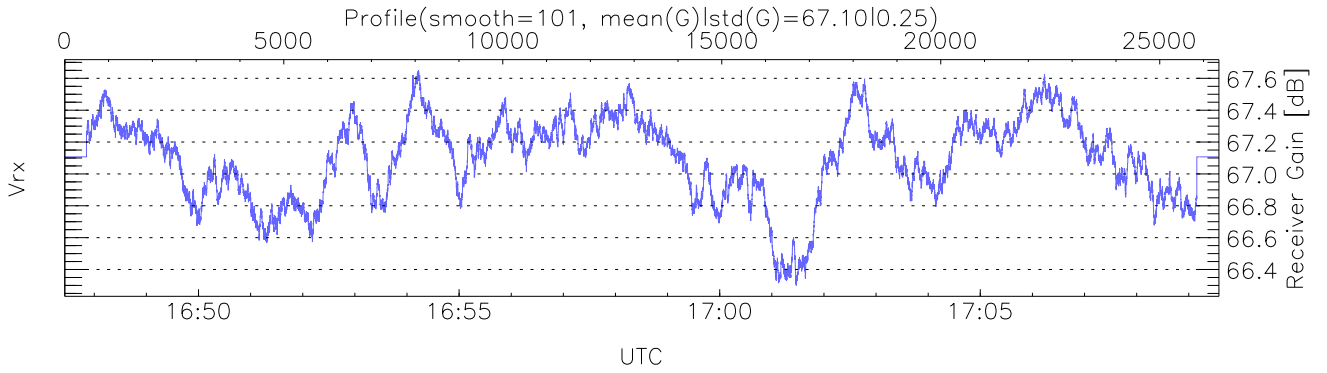
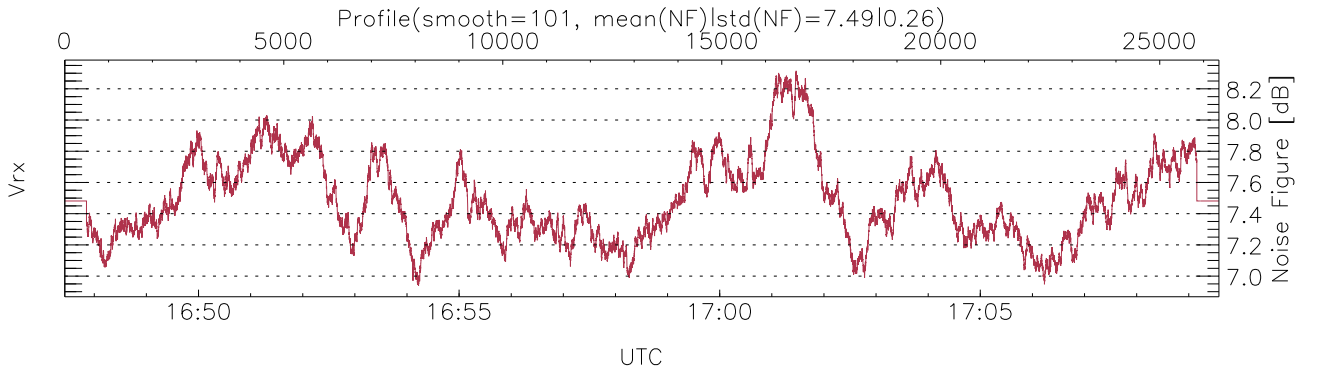
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

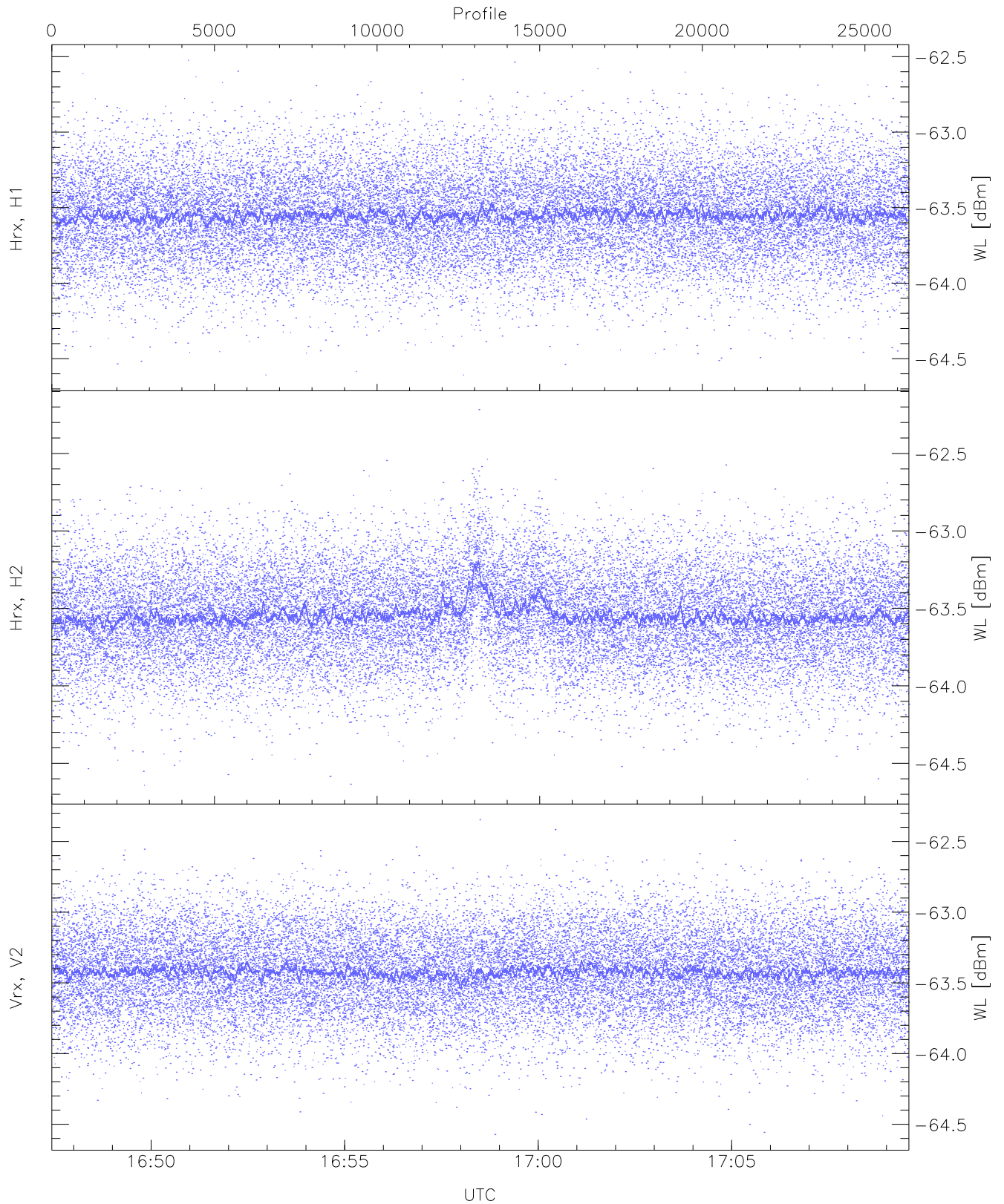
UTC: 16:47:26-17:09:35, Dur: 1328.70s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 26353/26353, 0-26352/16:47:26-17:09:35
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

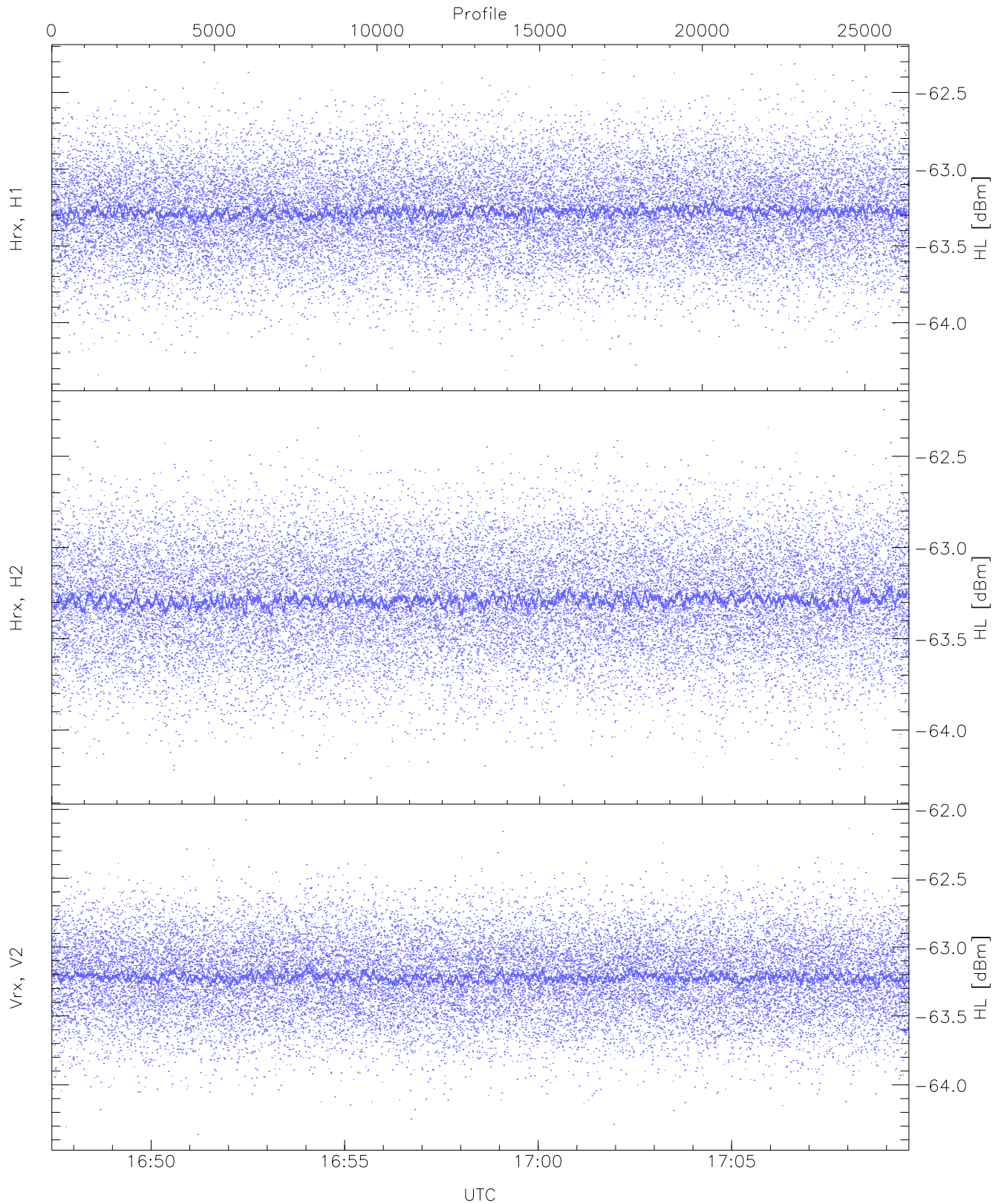
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,12,16,22,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,14,18,23,27`
`LOalarm(20,80,240,2.8,14.8 MHz): 26,0,0,38,0`
EIK/Modulator Faults: None





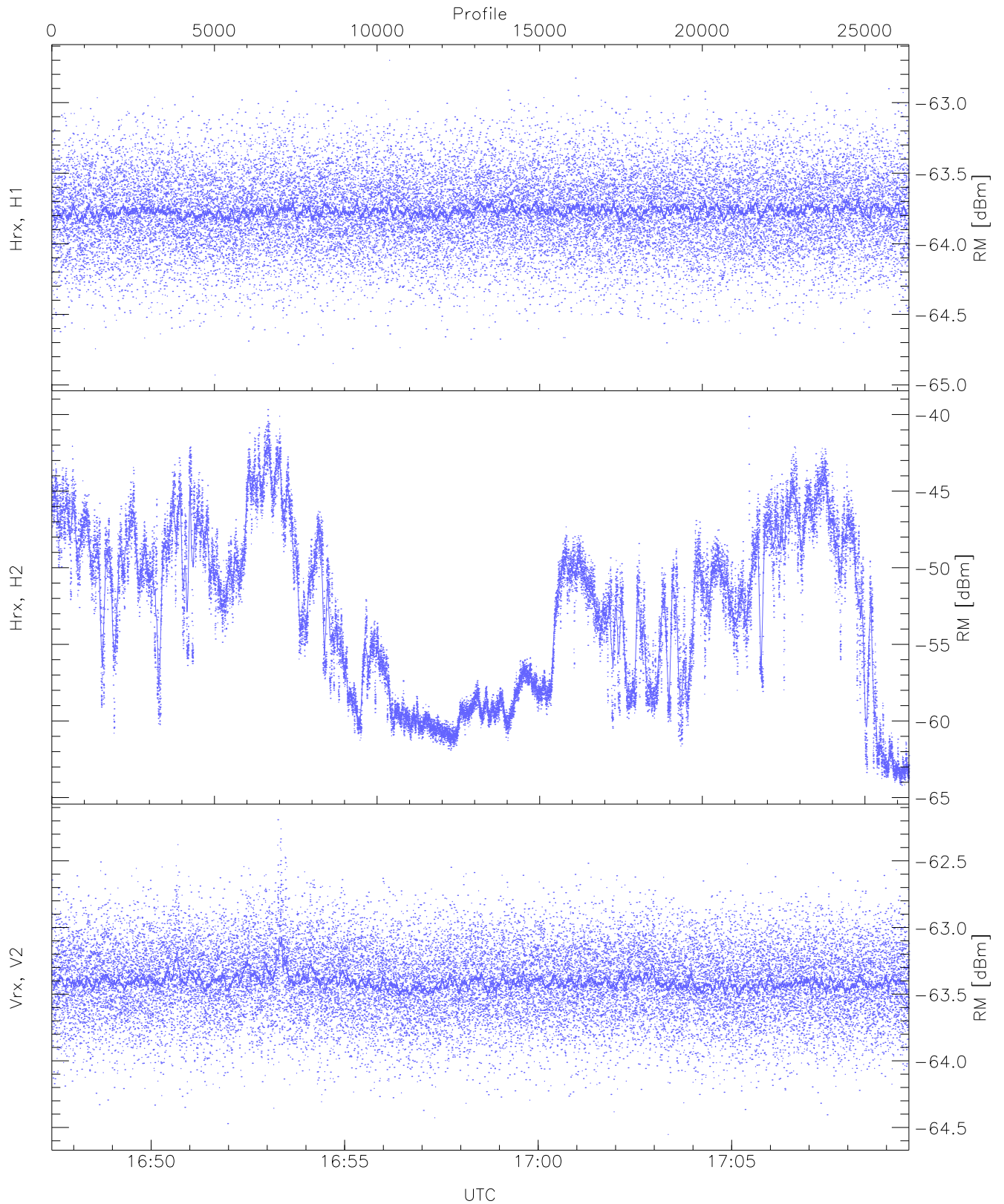
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.61 | -62.52 | -63.55 | -63.55 | -75.69 |
| Hrx, H2 (WL [dBm]) | -64.64 | -62.22 | -63.54 | -63.55 | -75.60 |
| Vrx, V2 (WL [dBm]) | -64.57 | -62.35 | -63.42 | -63.43 | -75.60 |



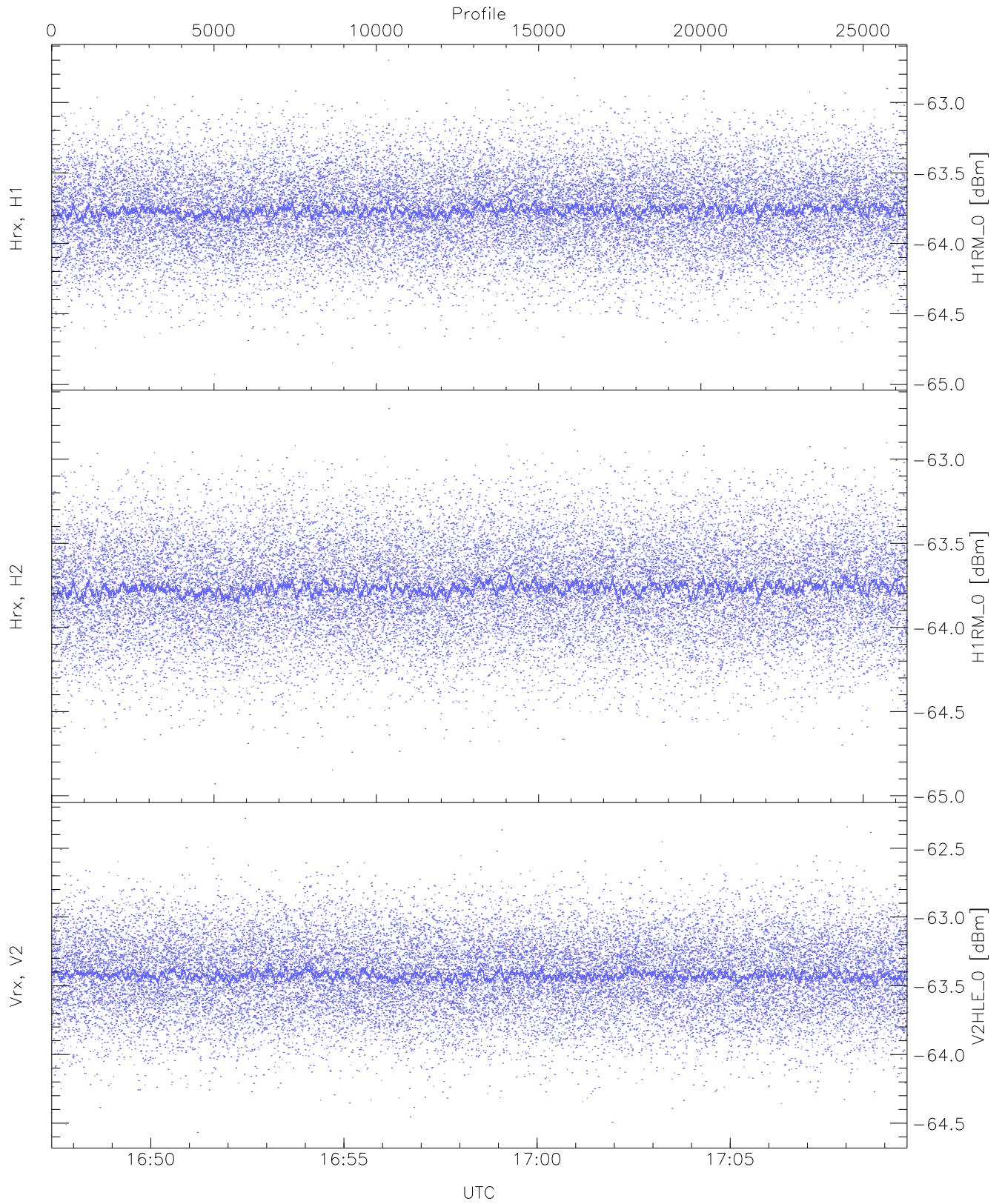
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.34 | -62.29 | -63.28 | -63.28 | -75.44 |
| Hrx, H2 (HL [dBm]) | -64.30 | -62.24 | -63.28 | -63.29 | -75.45 |
| Vrx, V2 (HL [dBm]) | -64.36 | -62.08 | -63.21 | -63.22 | -75.36 |



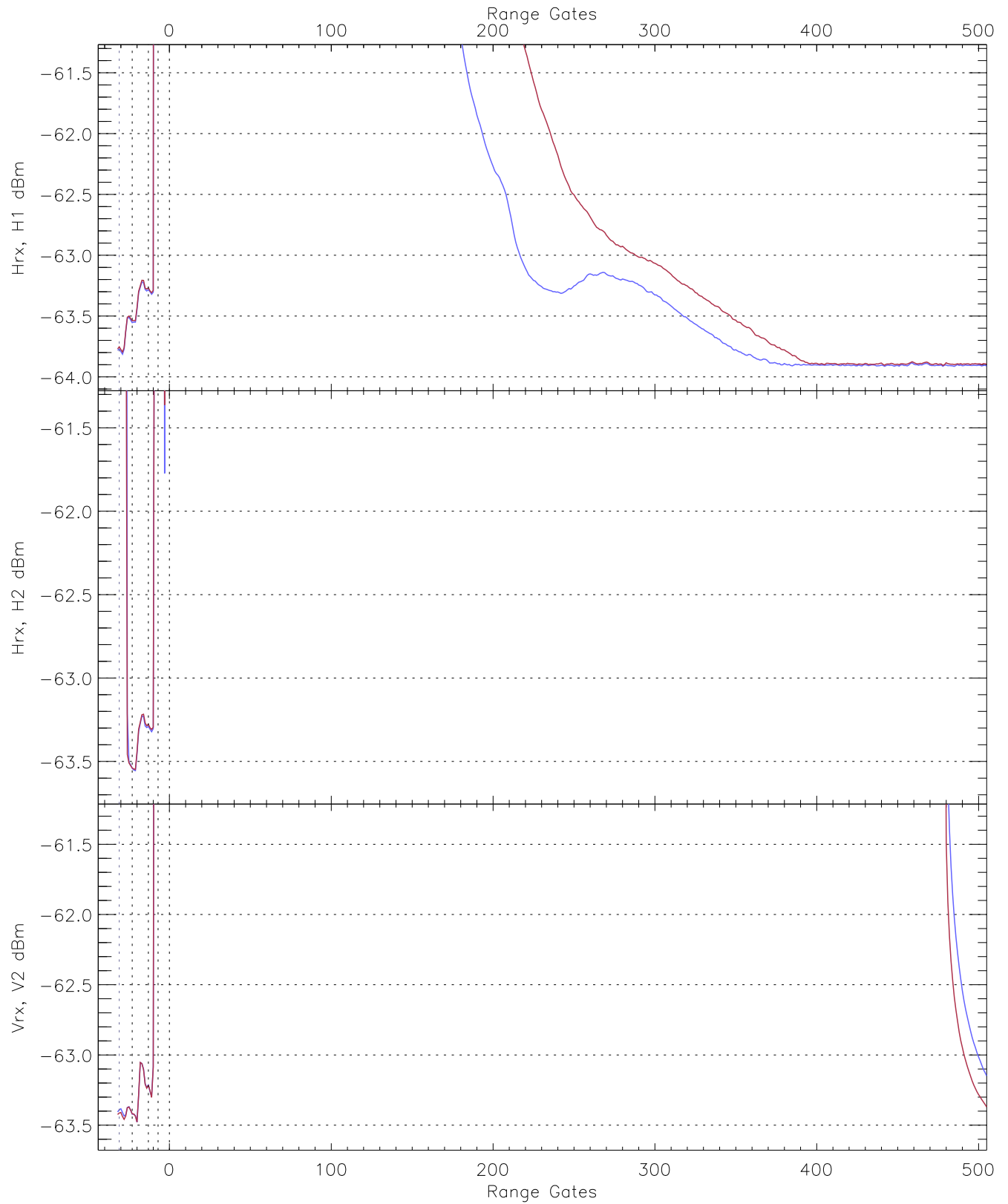
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -64.93 | -62.70 | -63.76 | -63.77 | -75.93 |
| Hrx, H2 (RM [dBm]) | -64.20 | -39.67 | -49.89 | -52.02 | -49.29 |
| Vrx, V2 (RM [dBm]) | -64.55 | -62.19 | -63.40 | -63.41 | -75.49 |

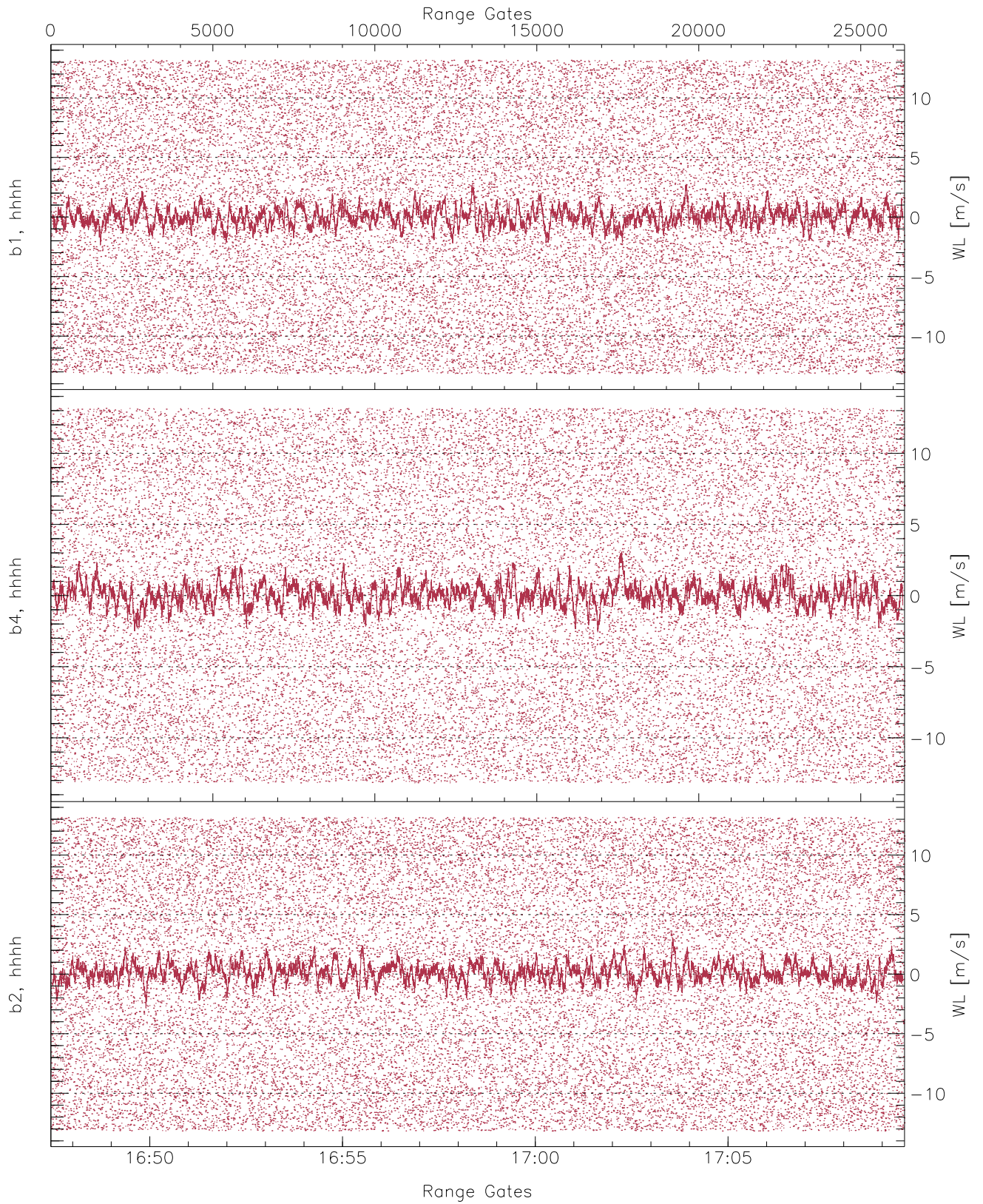


WCR2 CPP "Best" estimate Receivers Noise Power

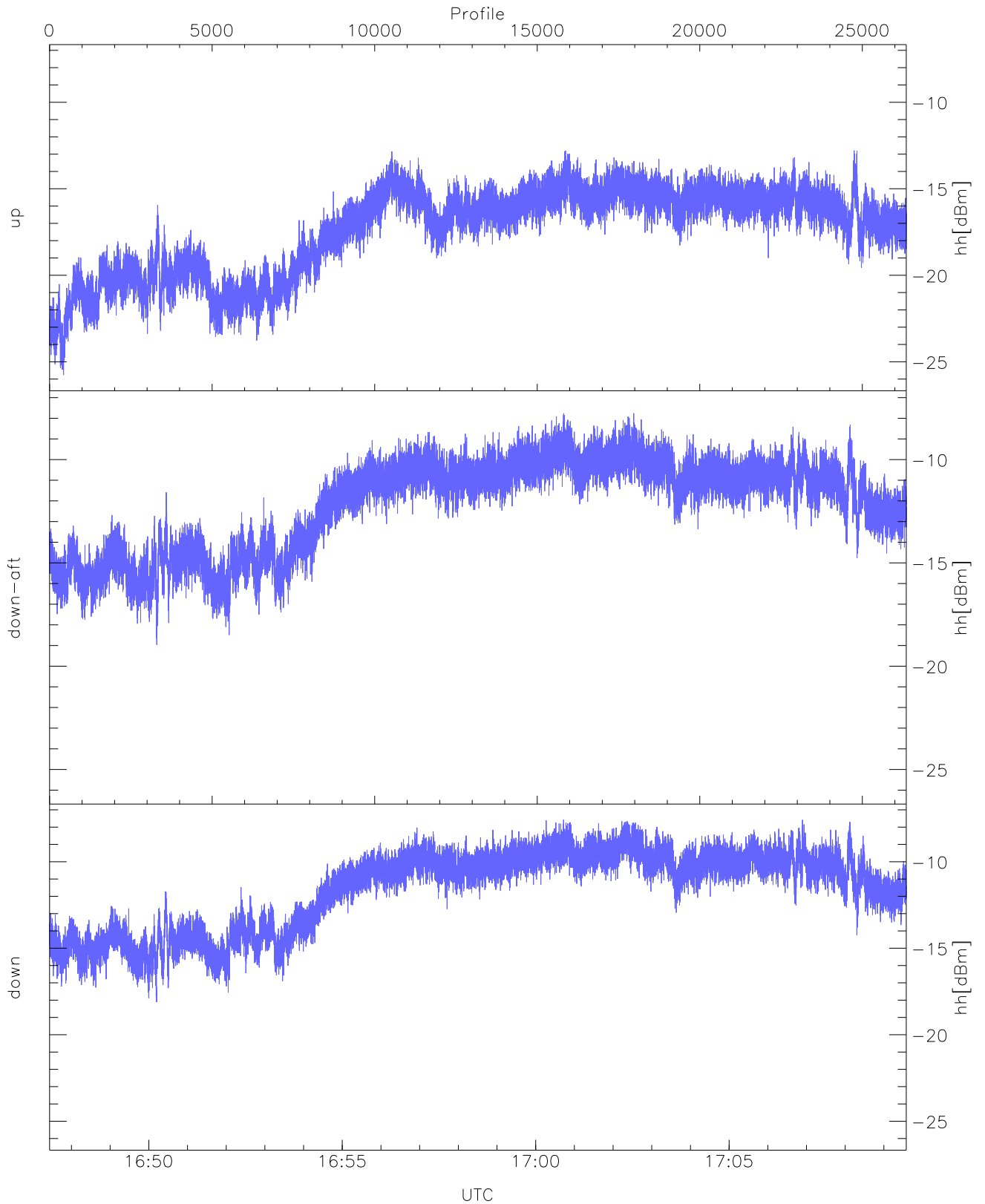
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -64.93 | -62.70 | -63.76 | -63.77 | -75.93 |
| H1RM_0 [dBm] | -64.93 | -62.70 | -63.76 | -63.77 | -75.93 |
| V2HLE_0 [dBm] | -64.57 | -62.28 | -63.42 | -63.42 | -75.56 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 164726-165830, 13177 profiles averaged
red: 165830-170935, 13177 profiles averaged

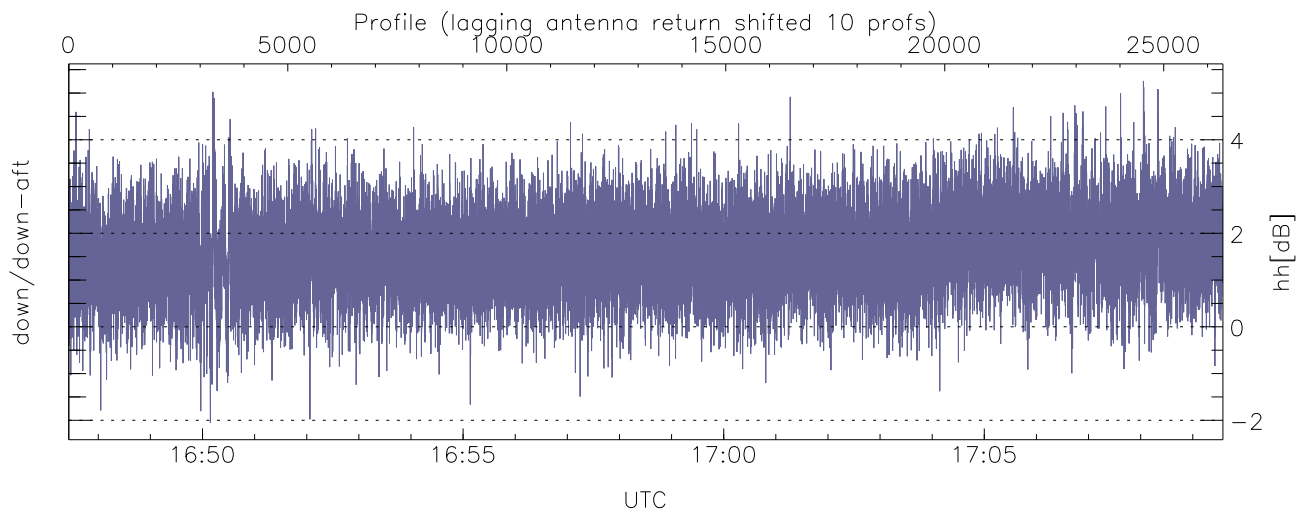
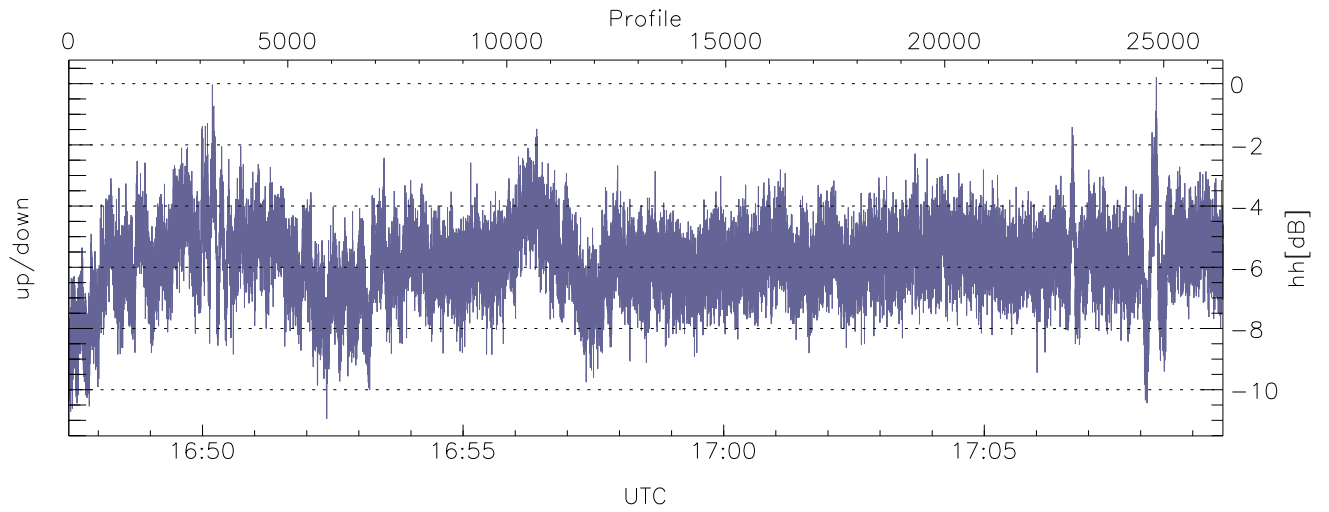


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



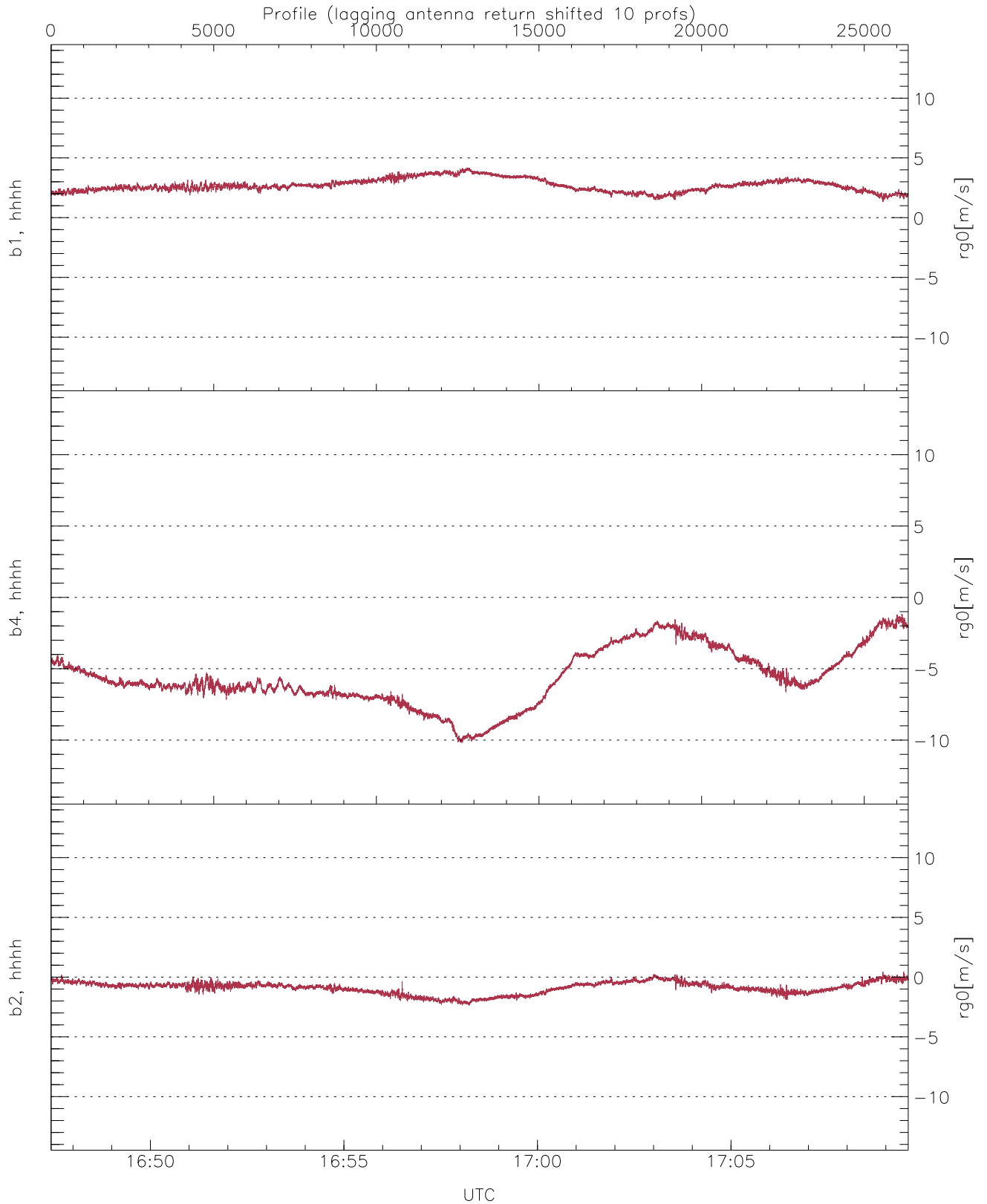
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|--------|--------|
| up(hh[dBm]) | -25.76 | -12.78 | -16.78 |
| down-aft(hh[dBm]) | -18.97 | -7.75 | -11.65 |
| down(hh[dBm]) | -18.11 | -7.58 | -11.07 |



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

| | Min | Max | Mean |
|-----------------------|--------|------|-------|
| up/down(hh[dB]) | -10.95 | 0.21 | -4.75 |
| down/down-aft(hh[dB]) | -2.05 | 5.26 | 1.62 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | 1.31 | 4.19 | 2.71 | 0.54 |
| b4, hhhh(rg0[m/s]) | -10.18 | -1.17 | -5.60 | 2.03 |
| b2, hhhh(rg0[m/s]) | -2.37 | 0.44 | -0.90 | 0.51 |