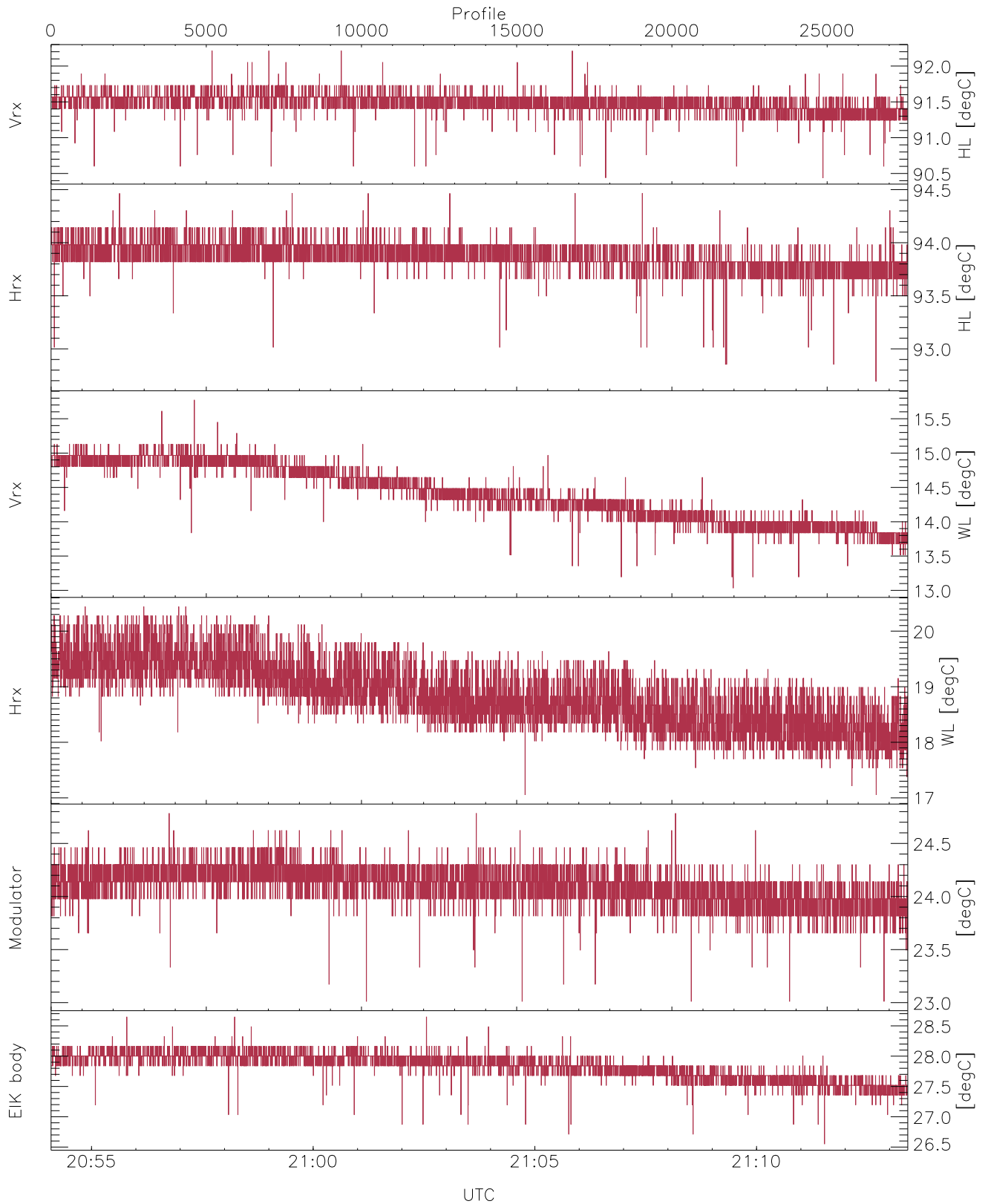


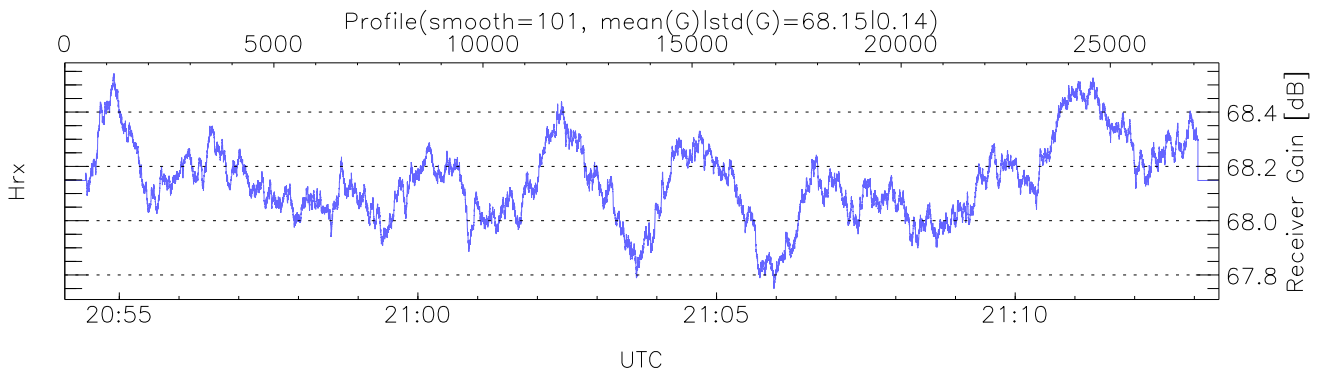
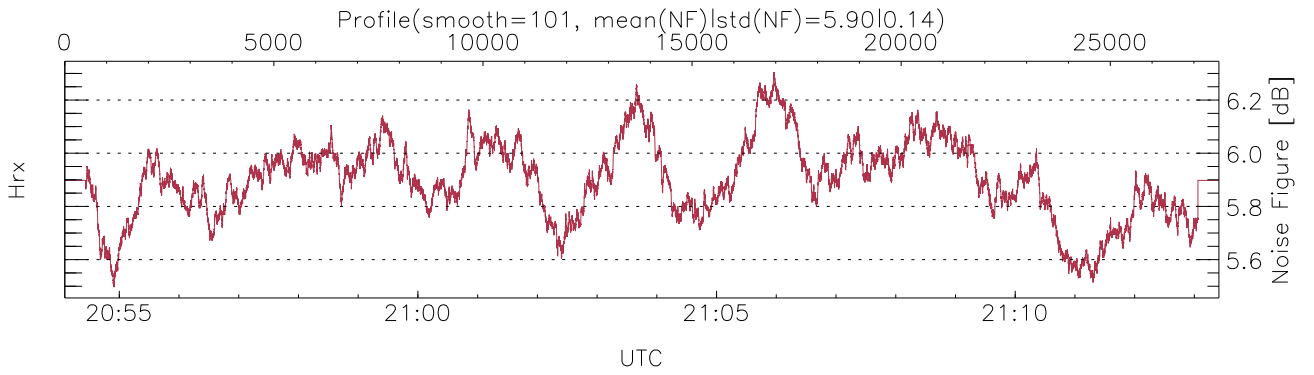
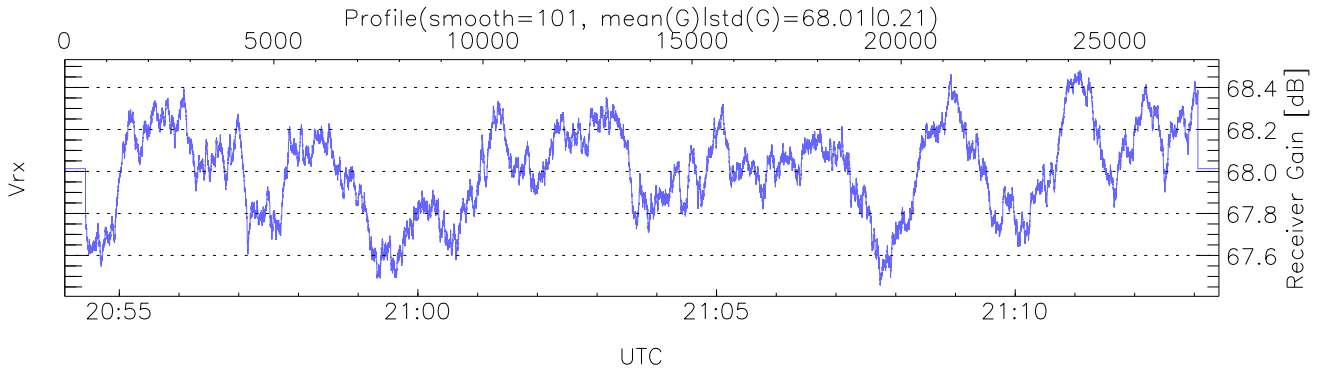
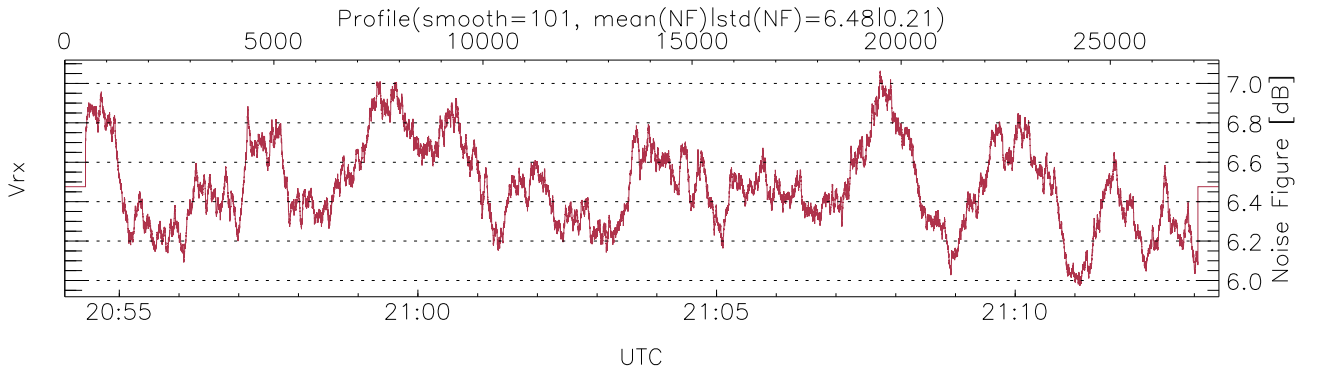
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

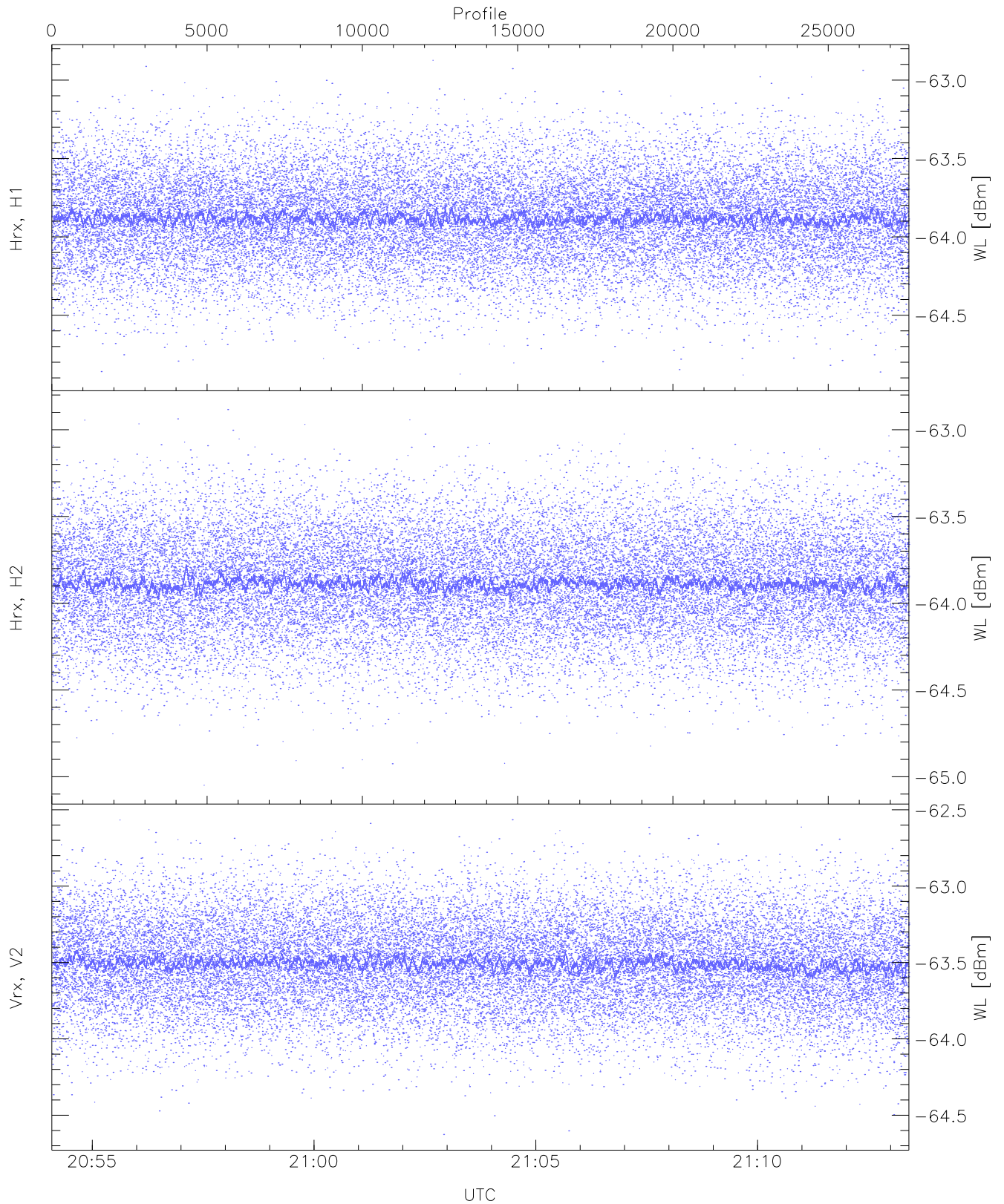
UTC: 20:54:05-21:26:28, Dur: 1942.65s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 27600/46243, 0-27599/20:54:05-21:13:25
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

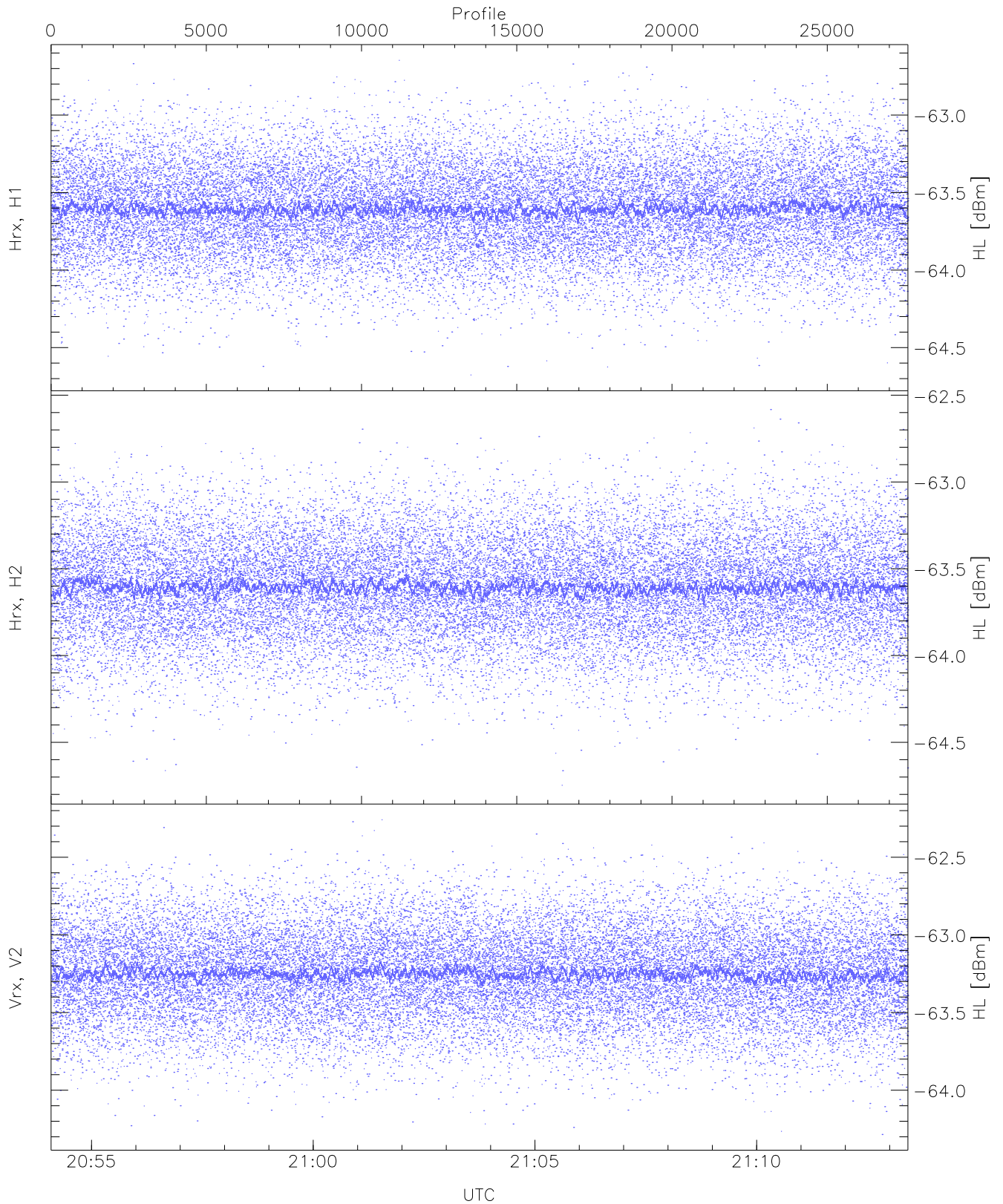
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,13,17,23,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,15,20,24,28`
`LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,26,0`
`EIK/Modulator Faults: None`





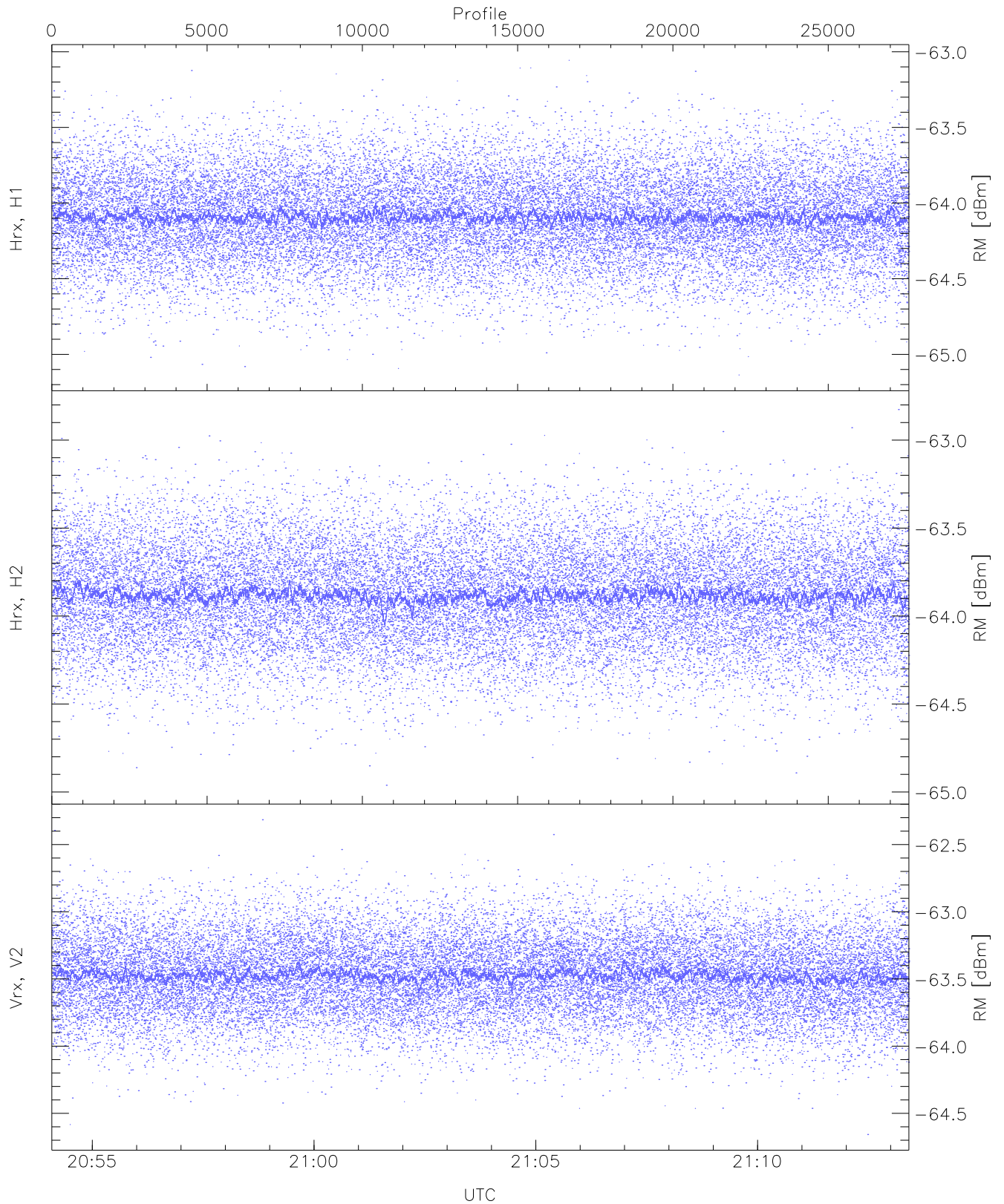
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(WL [dBm]) | -64.88 | -62.87 | -63.88 | -63.88 | -76.05 |
| Hrx, H2(WL [dBm]) | -65.05 | -62.88 | -63.88 | -63.89 | -76.02 |
| Vrx, V2(WL [dBm]) | -64.63 | -62.57 | -63.50 | -63.51 | -75.66 |



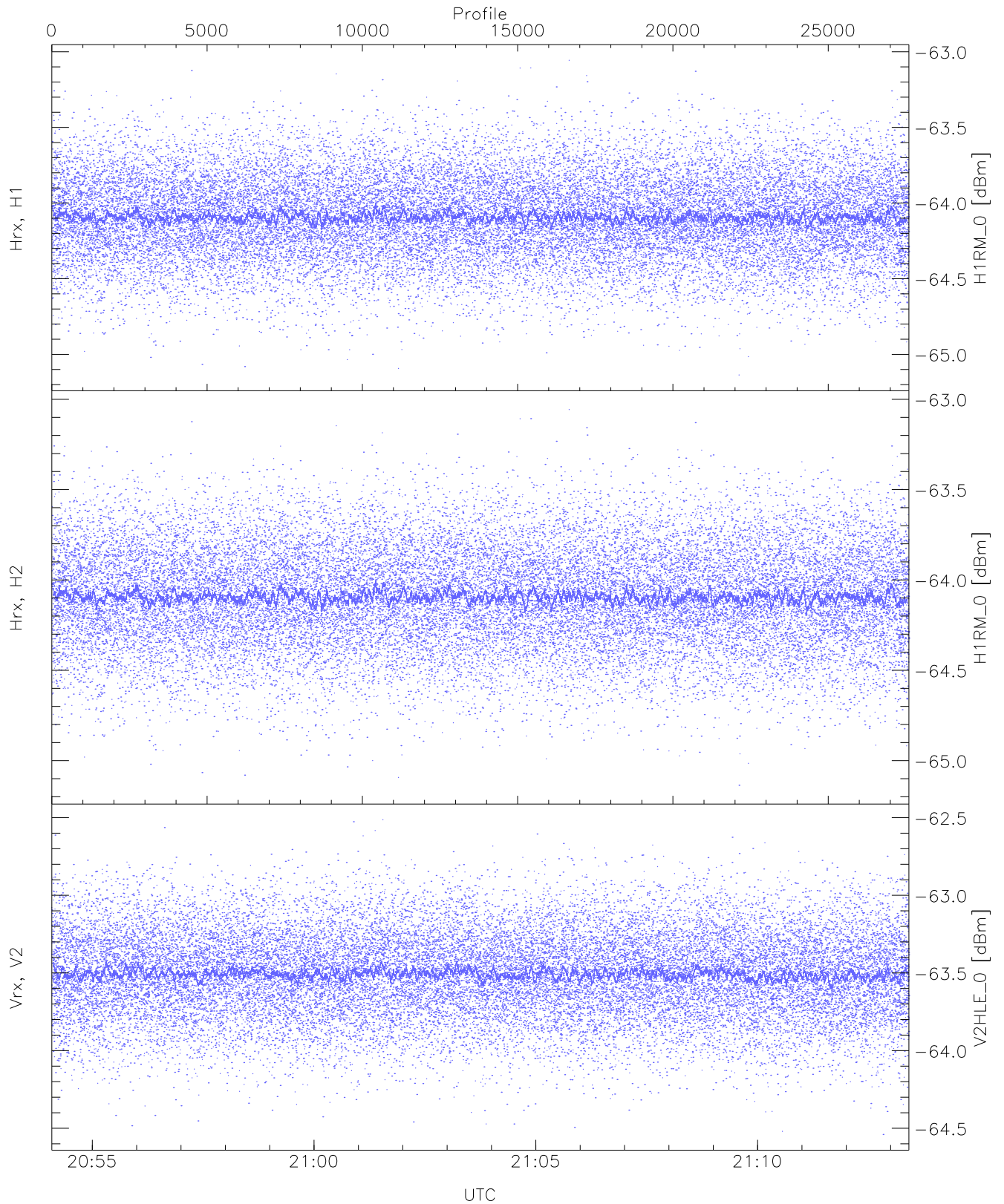
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.68 | -62.65 | -63.60 | -63.61 | -75.71 |
| Hrx, H2 (HL [dBm]) | -64.75 | -62.58 | -63.60 | -63.61 | -75.76 |
| Vrx, V2 (HL [dBm]) | -64.29 | -62.26 | -63.25 | -63.25 | -75.43 |



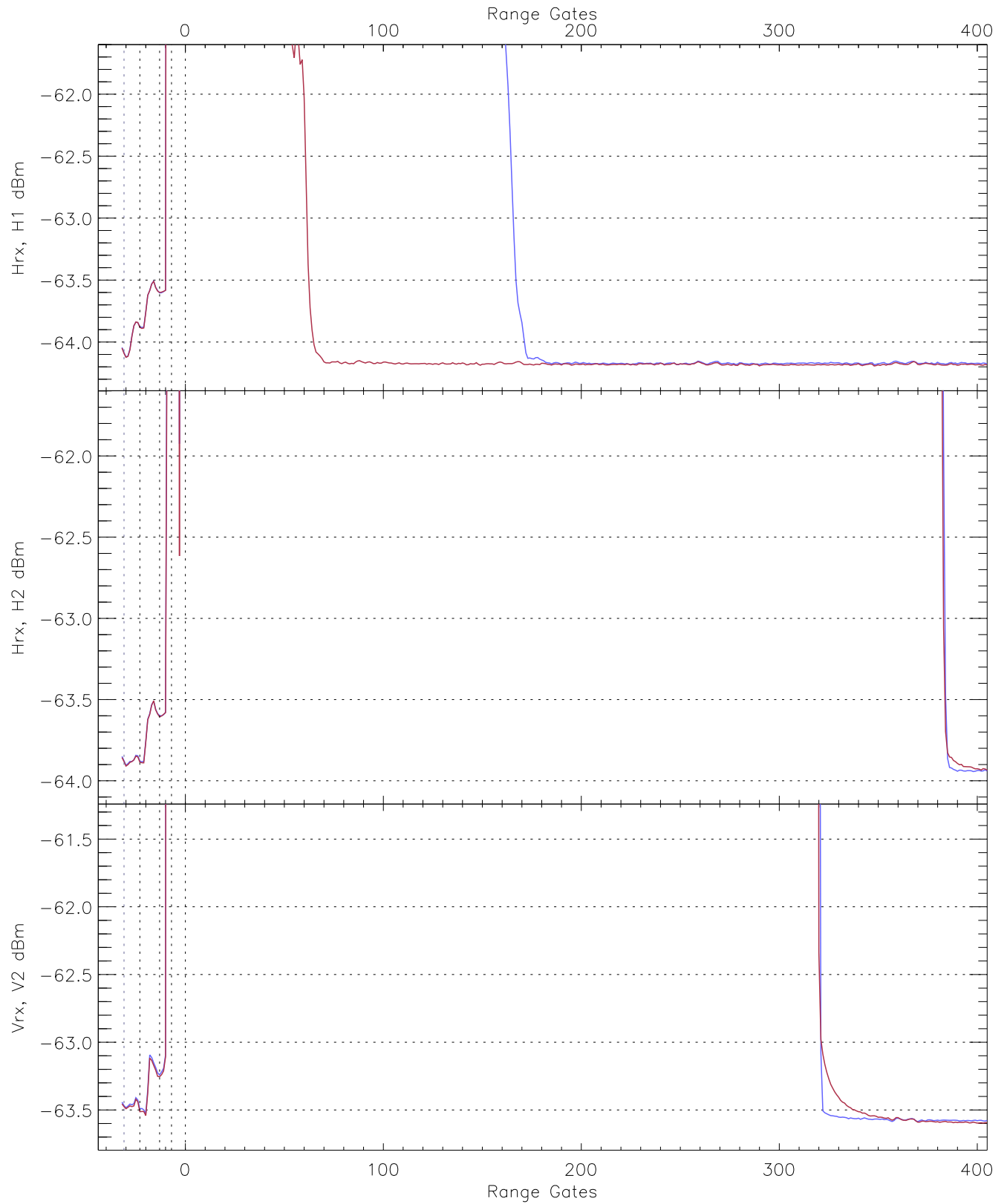
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.14 | -63.06 | -64.09 | -64.10 | -76.24 |
| Hrx, H2 (RM [dBm]) | -64.96 | -62.83 | -63.88 | -63.89 | -76.02 |
| Vrx, V2 (RM [dBm]) | -64.66 | -62.32 | -63.47 | -63.48 | -75.59 |

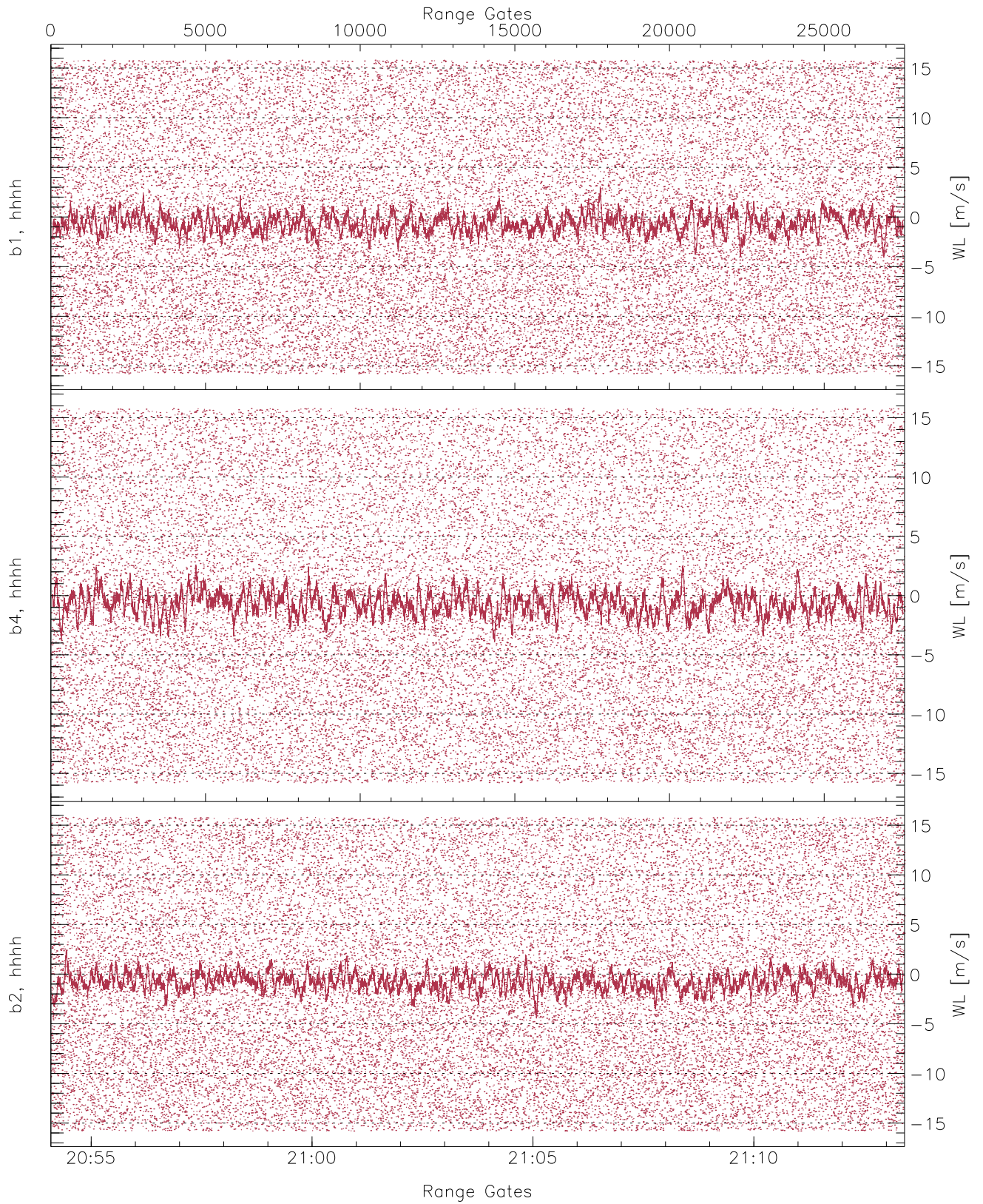


WCR2 CPP "Best" estimate Receivers Noise Power

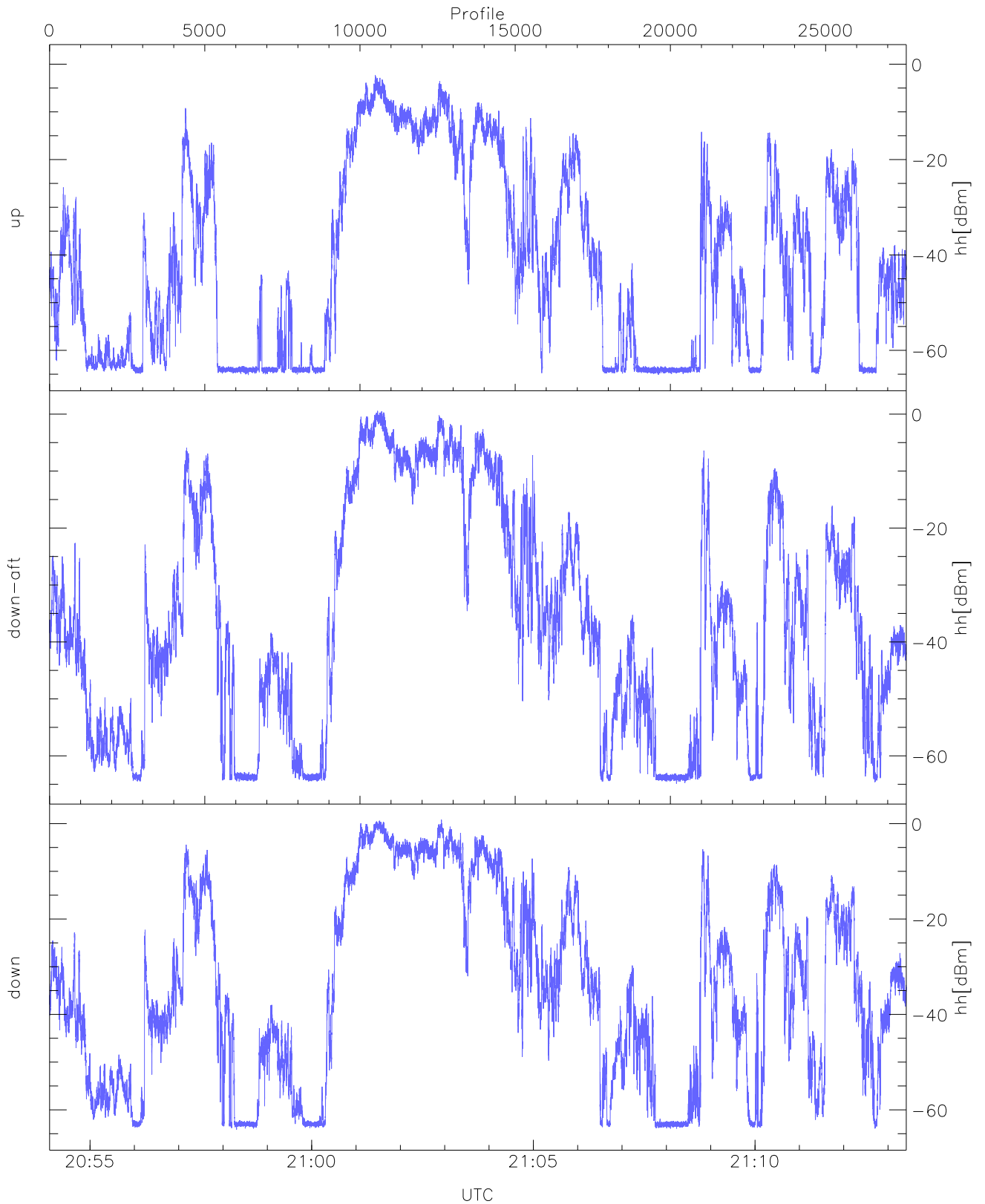
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -65.14 | -63.06 | -64.09 | -64.10 | -76.24 |
| H1RM_0 [dBm] | -65.14 | -63.06 | -64.09 | -64.10 | -76.24 |
| V2HLE_0 [dBm] | -64.54 | -62.51 | -63.50 | -63.51 | -75.69 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 205405-210344, 13801 profiles averaged
red: 210344-211325, 13800 profiles averaged

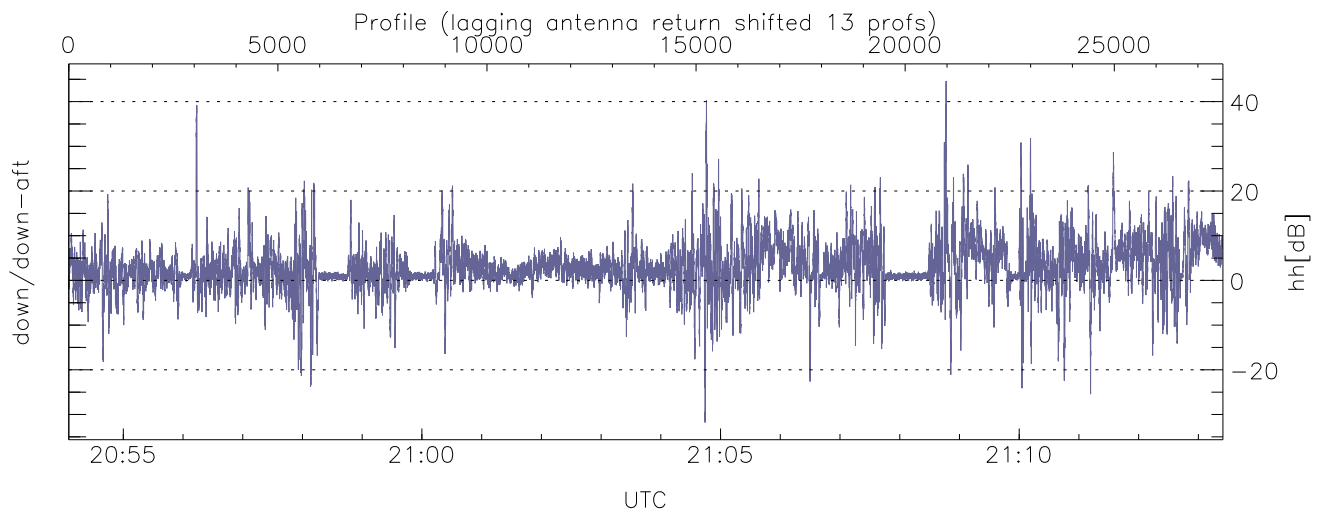
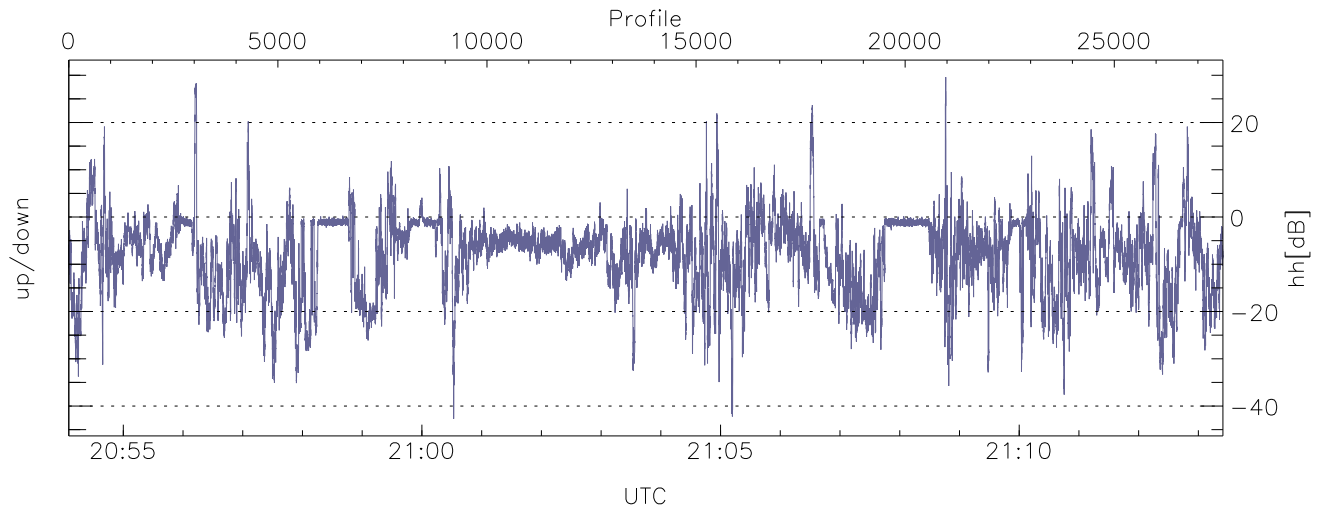


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



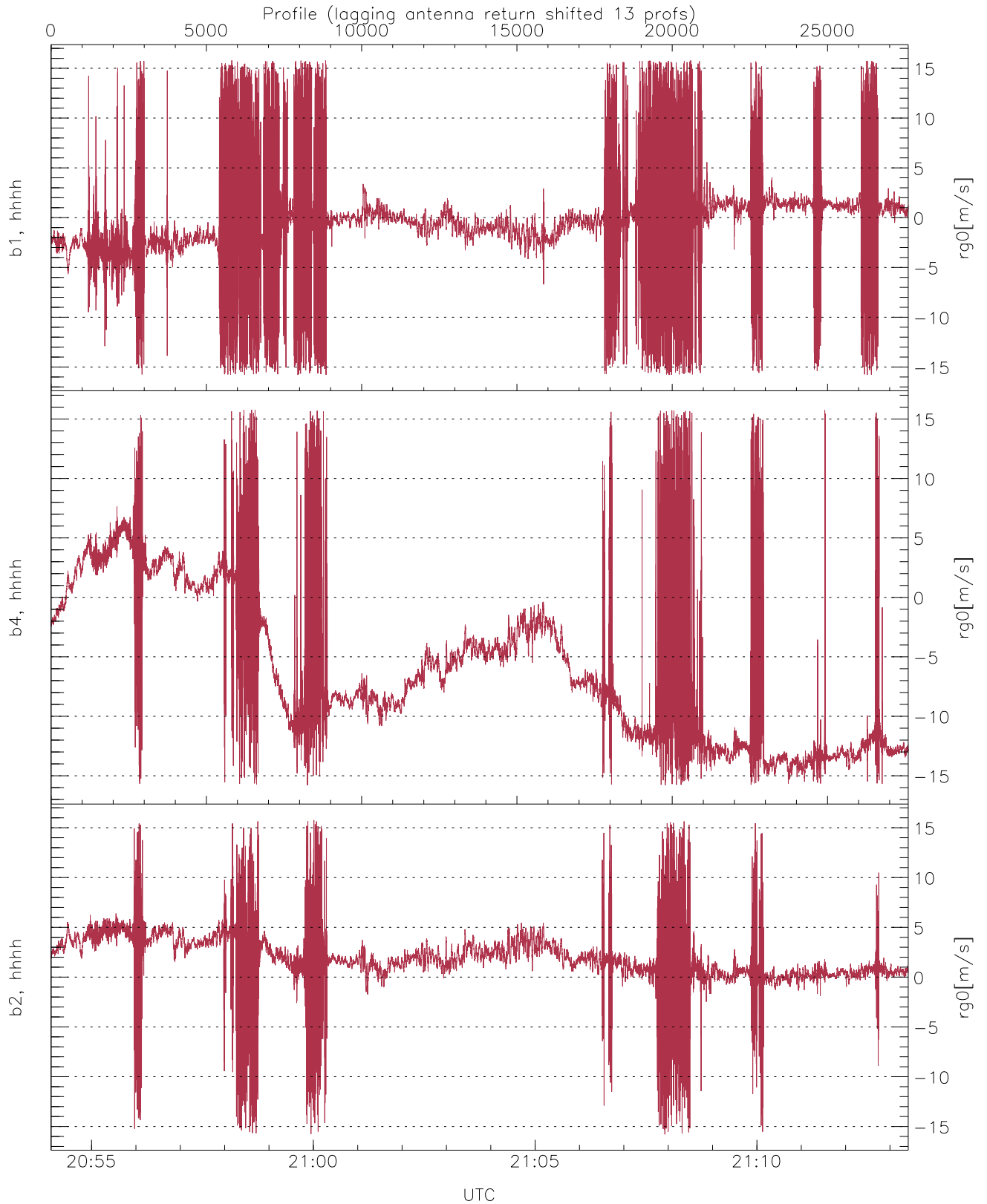
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|--------------------|--------|-------|--------|
| up(hh [dBm]) | -65.17 | -2.33 | -17.49 |
| down-aft(hh [dBm]) | -64.89 | 0.56 | -12.81 |
| down(hh [dBm]) | -64.13 | 0.81 | -11.75 |



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

| | Min | Max | Mean |
|-----------------------|--------|-------|-------|
| up/down(hh[dB]) | -42.71 | 29.60 | -7.06 |
| down/down-aft(hh[dB]) | -31.82 | 44.63 | 3.02 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -15.79 | 15.79 | -0.45 | 4.23 |
| b4, hhhh(rg0[m/s]) | -15.80 | 15.78 | -5.64 | 6.35 |
| b2, hhhh(rg0[m/s]) | -15.79 | 15.77 | 1.70 | 2.64 |