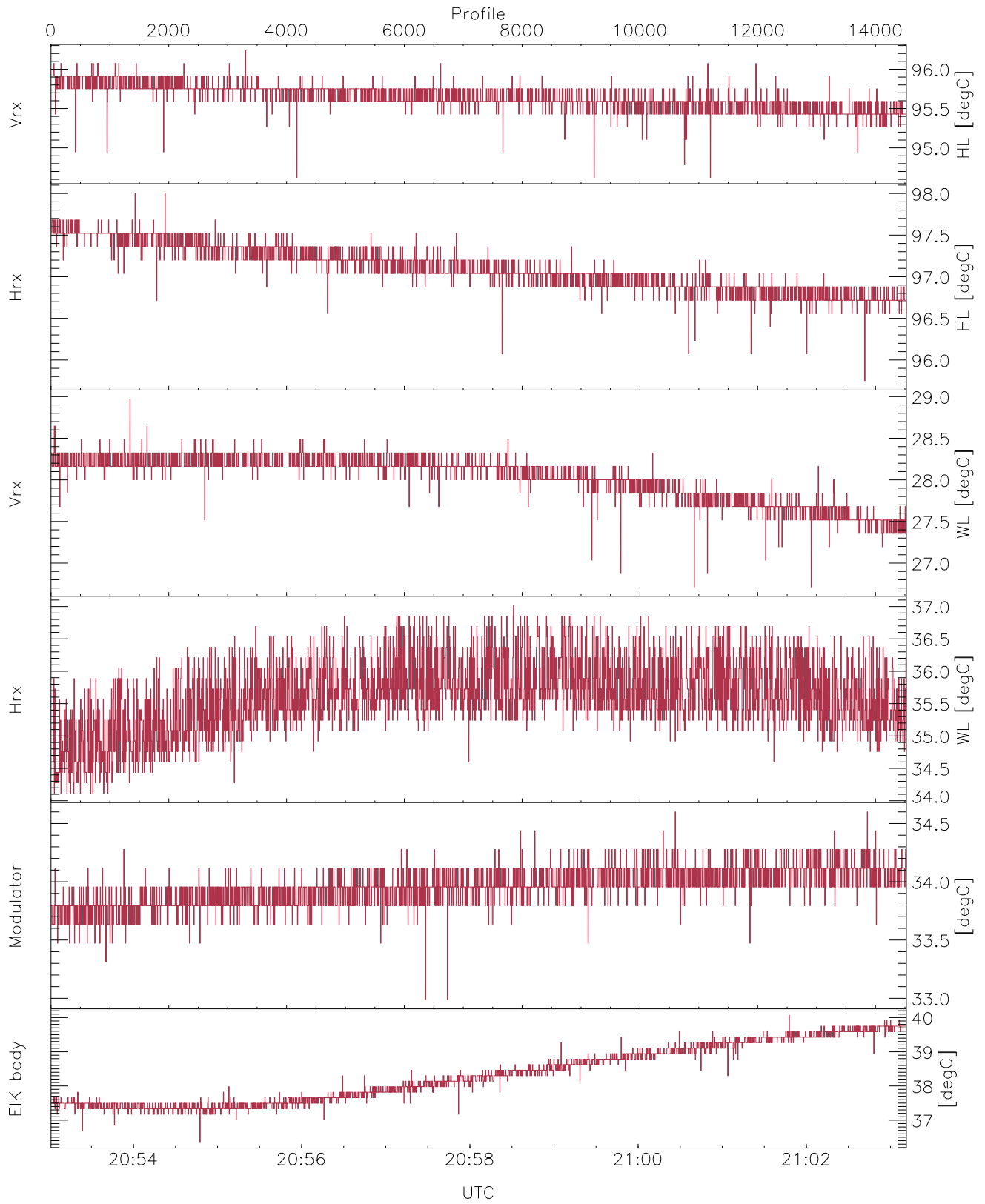


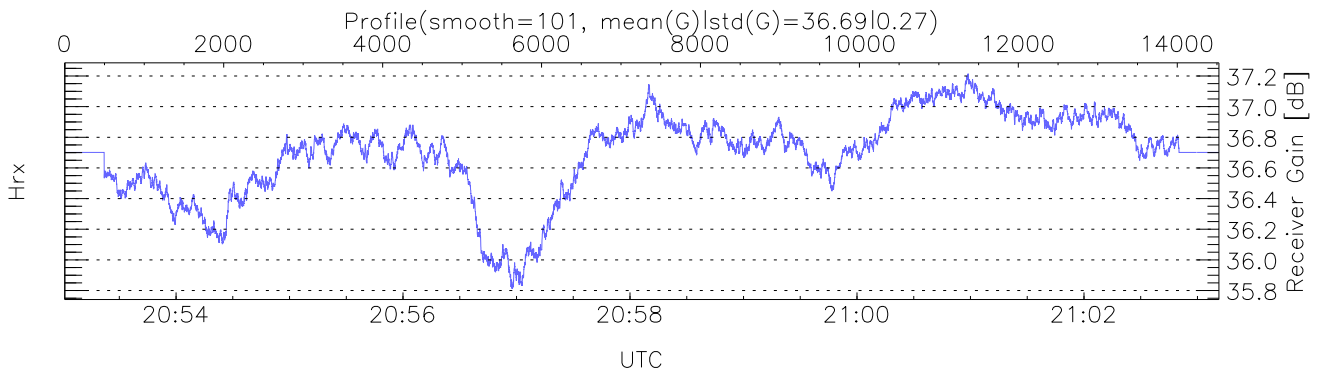
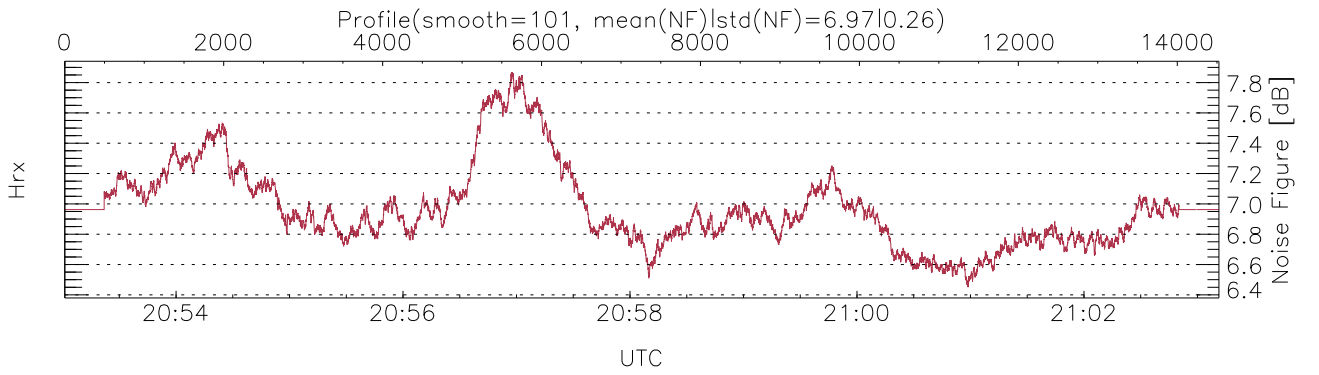
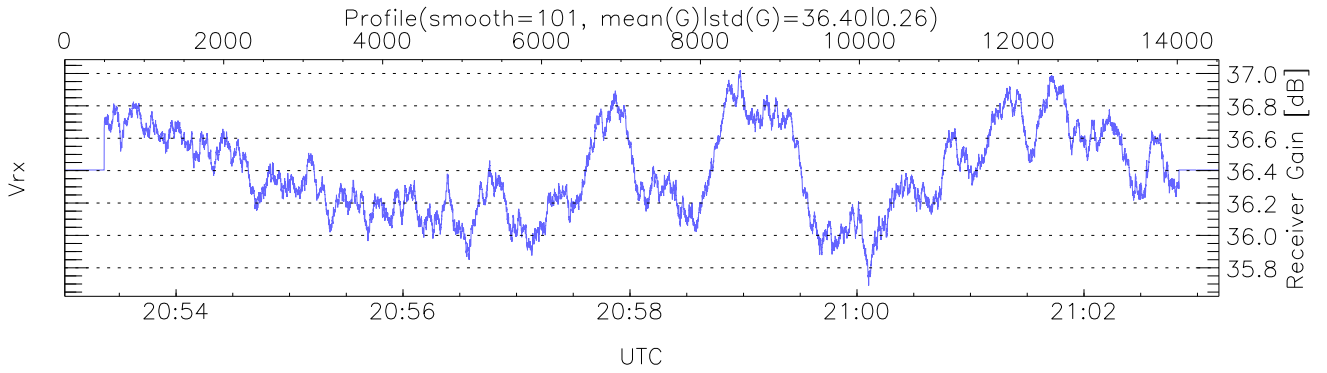
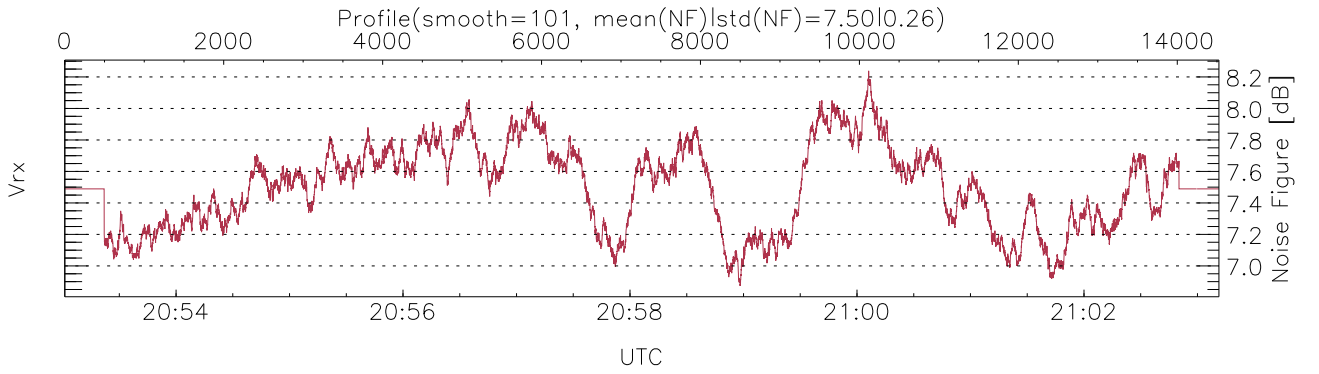
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

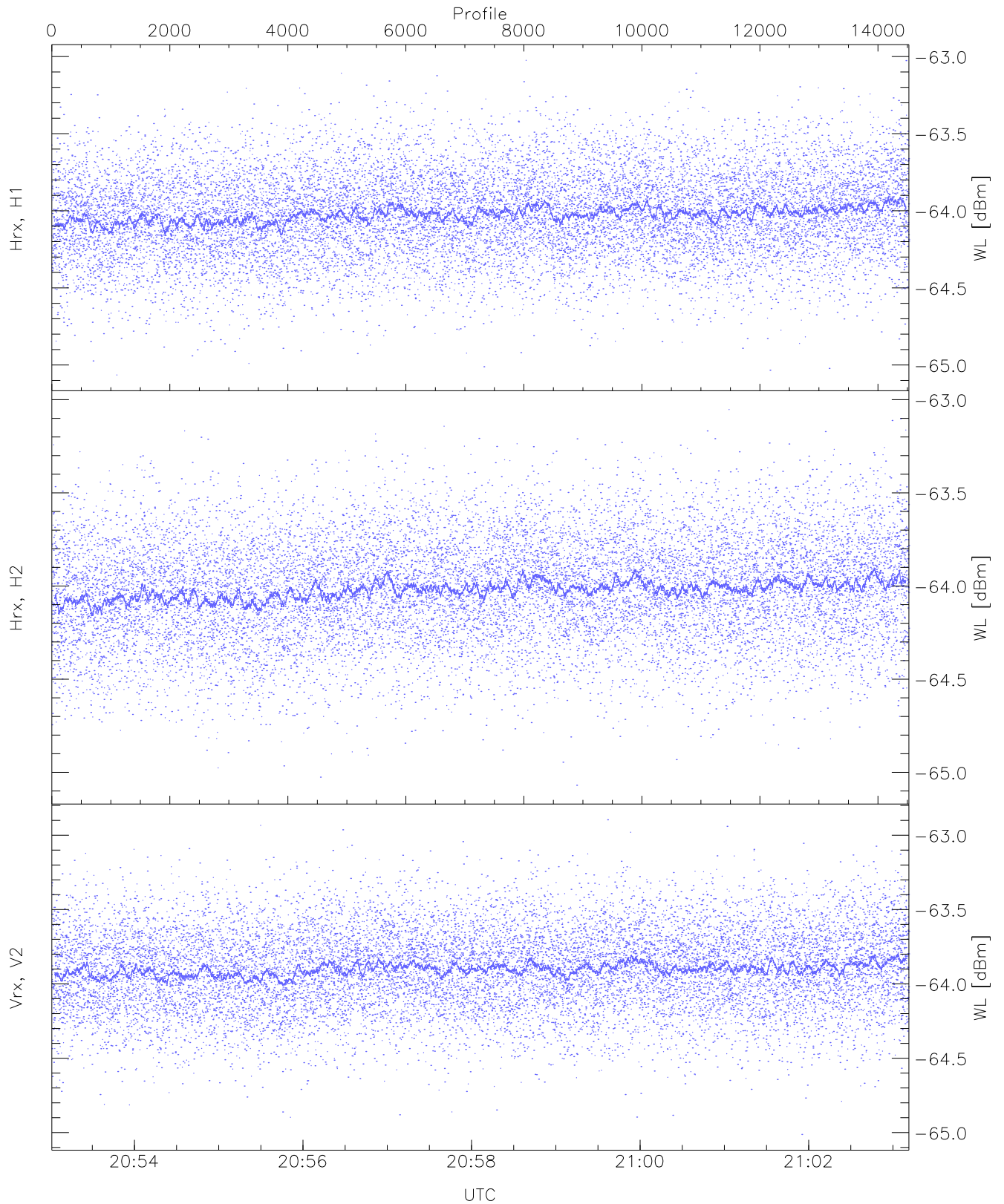
UTC: 20:53:01-21:03:11, Dur: 610.20s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 14526/14526, 0-14525/20:53:01-21:03:11
 AcqTime: 42.0ms, Rate: 210KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,3183,15.0 m, Gates: 206, Aspect: 4.0
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

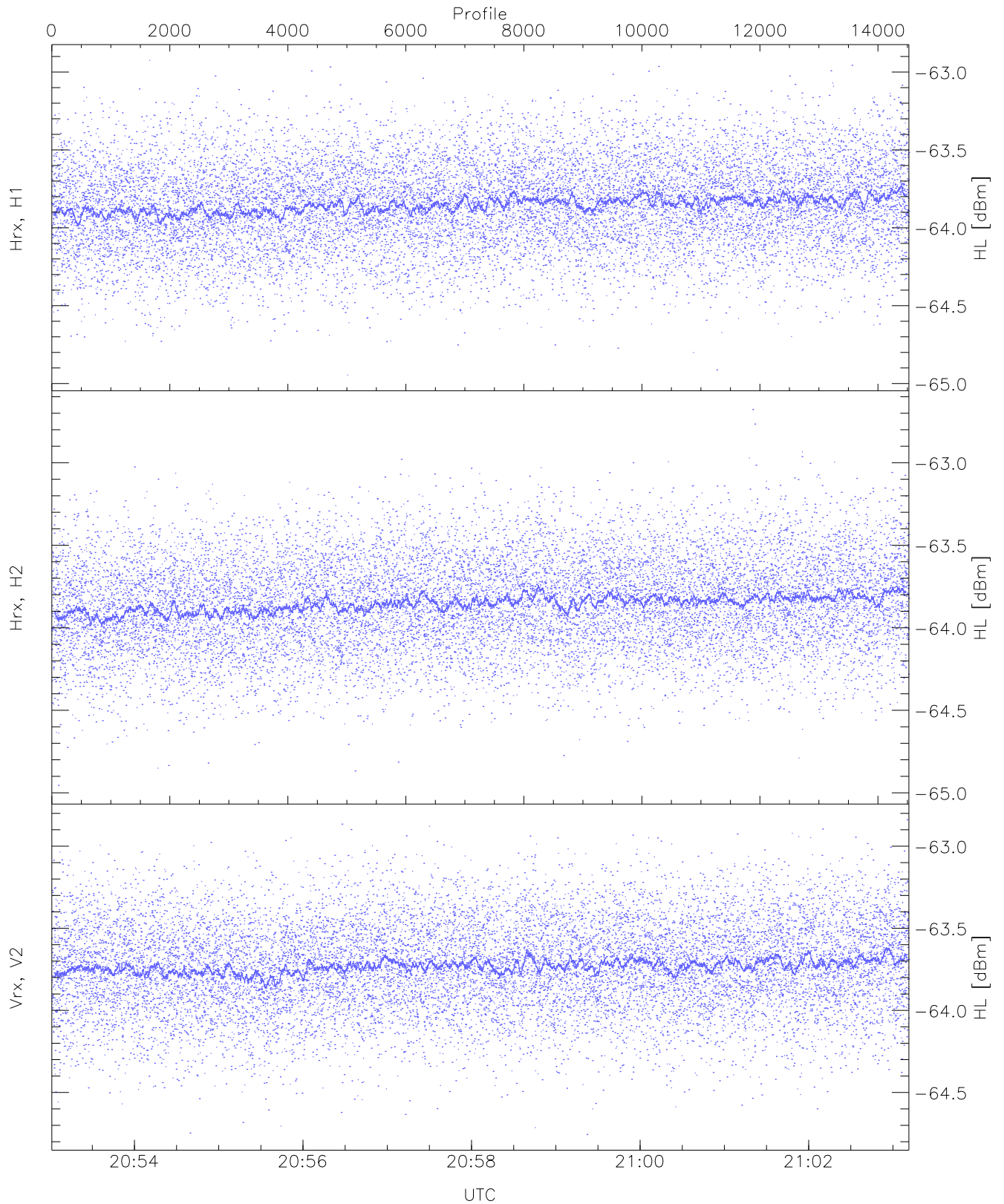
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,26,34,32,36
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 96,98,28,37,34,40
 LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,13,0
 EIK/Modulator Faults: None





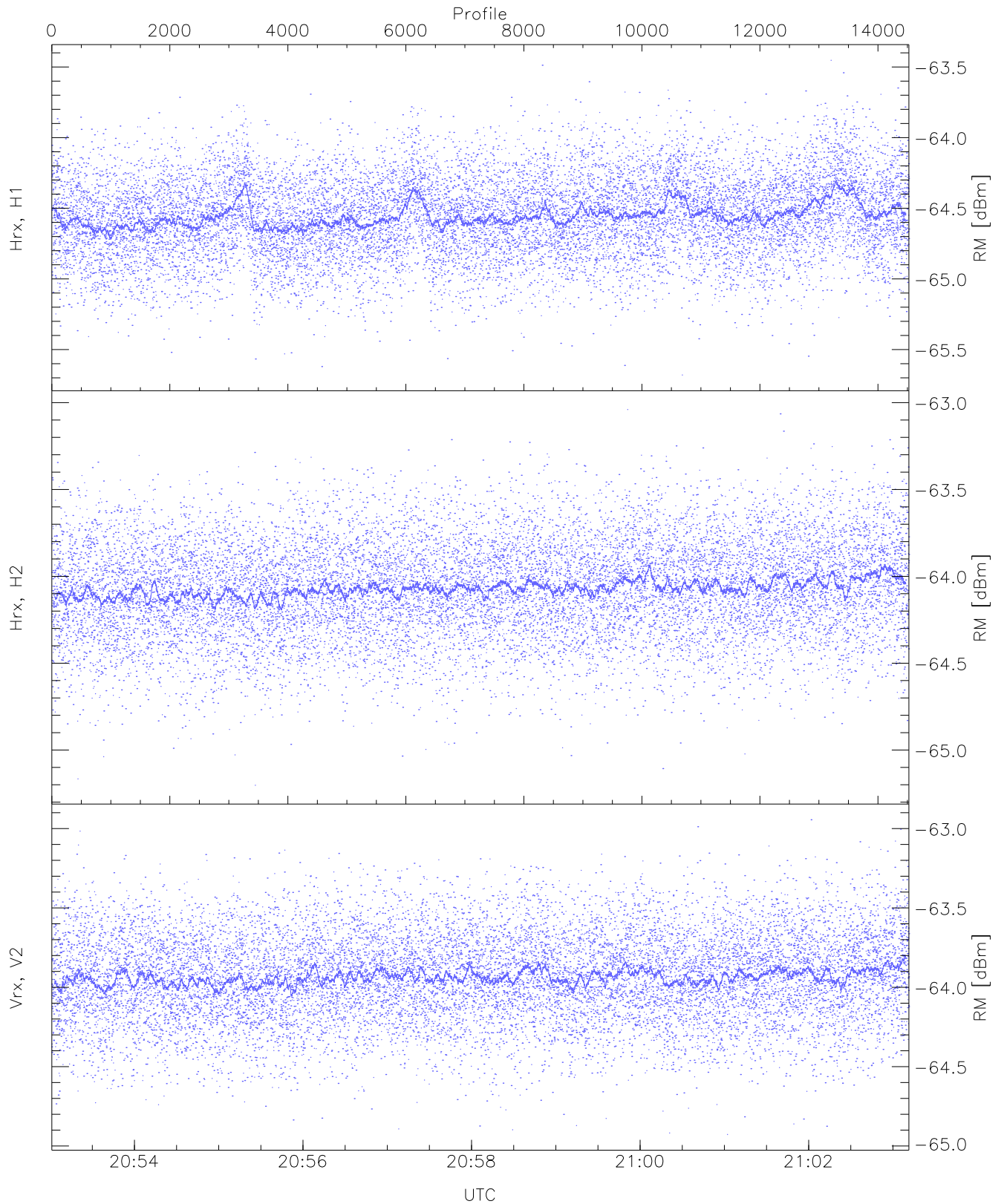
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(WL [dBm]) | -65.06 | -63.02 | -64.02 | -64.03 | -76.12 |
| Hrx, H2(WL [dBm]) | -65.07 | -63.05 | -64.02 | -64.02 | -76.16 |
| Vrx, V2(WL [dBm]) | -65.01 | -62.90 | -63.90 | -63.90 | -76.03 |



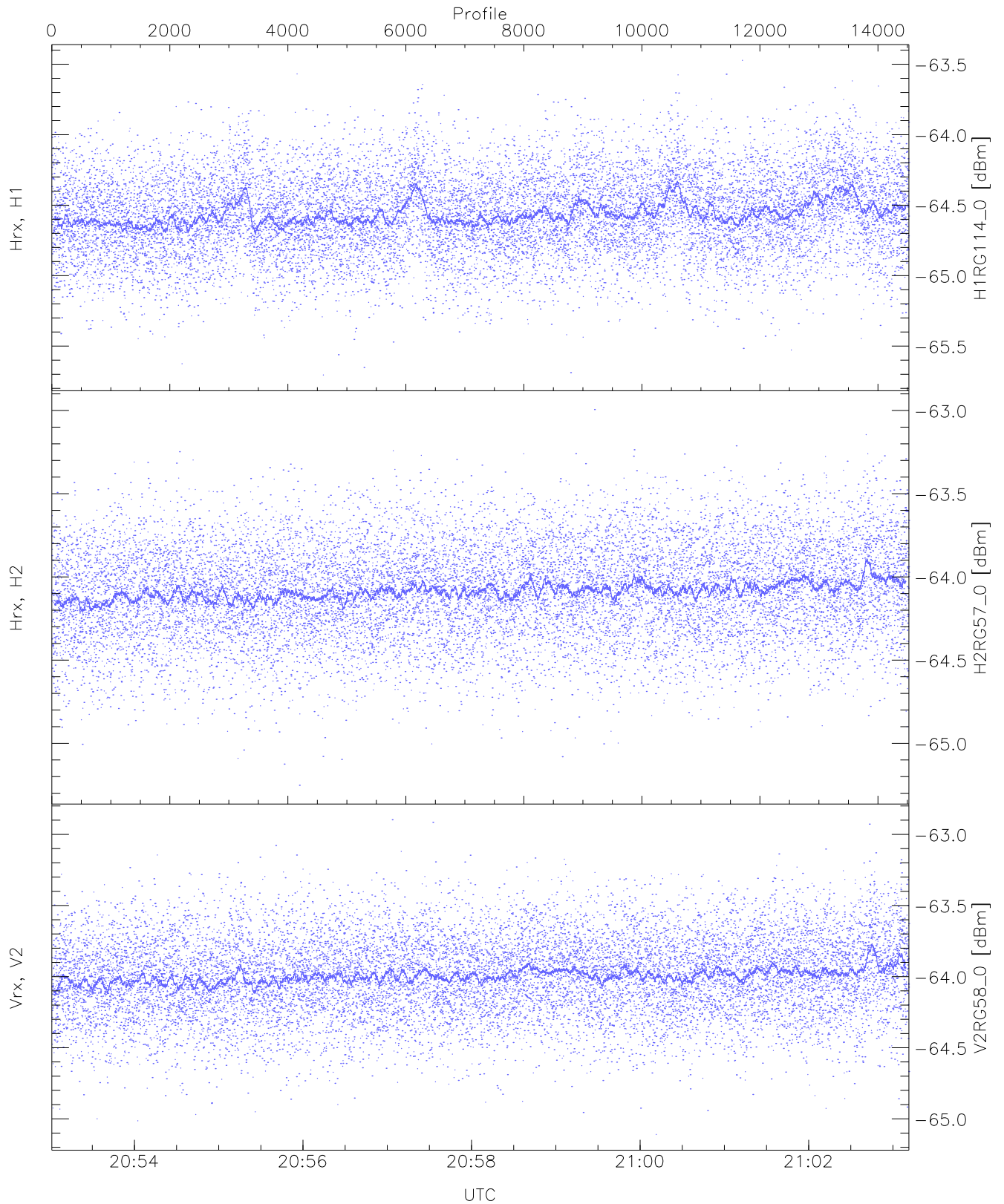
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.95 | -62.92 | -63.85 | -63.85 | -75.96 |
| Hrx, H2 (HL [dBm]) | -64.95 | -62.68 | -63.85 | -63.86 | -75.95 |
| Vrx, V2 (HL [dBm]) | -64.76 | -62.84 | -63.73 | -63.73 | -75.88 |



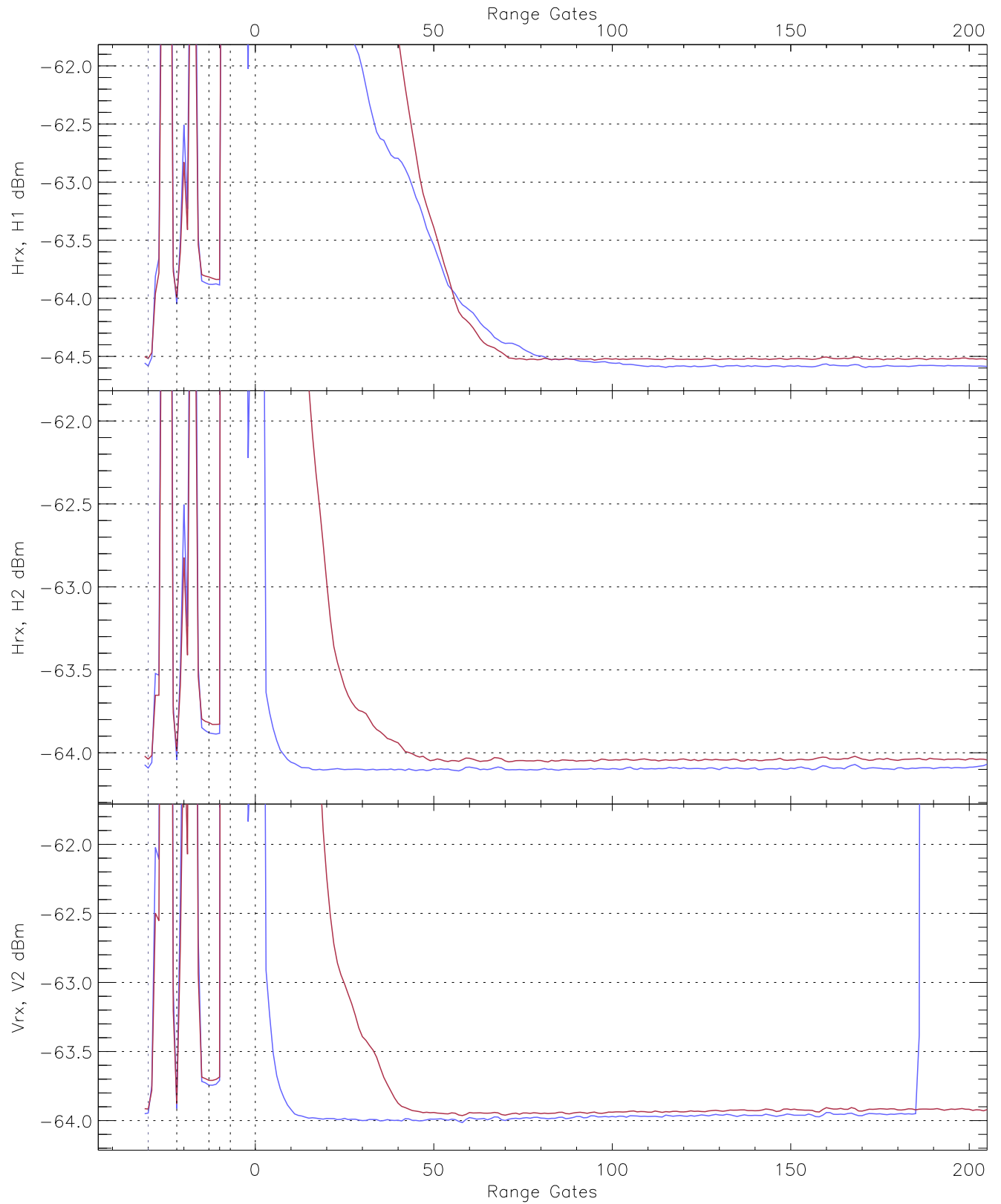
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Hrx, H1(RM [dBm]) | -65.68 | -63.45 | -64.55 | -64.56 | -76.54 |
| Hrx, H2(RM [dBm]) | -65.20 | -63.04 | -64.07 | -64.07 | -76.17 |
| Vrx, V2(RM [dBm]) | -64.93 | -62.94 | -63.93 | -63.94 | -76.06 |

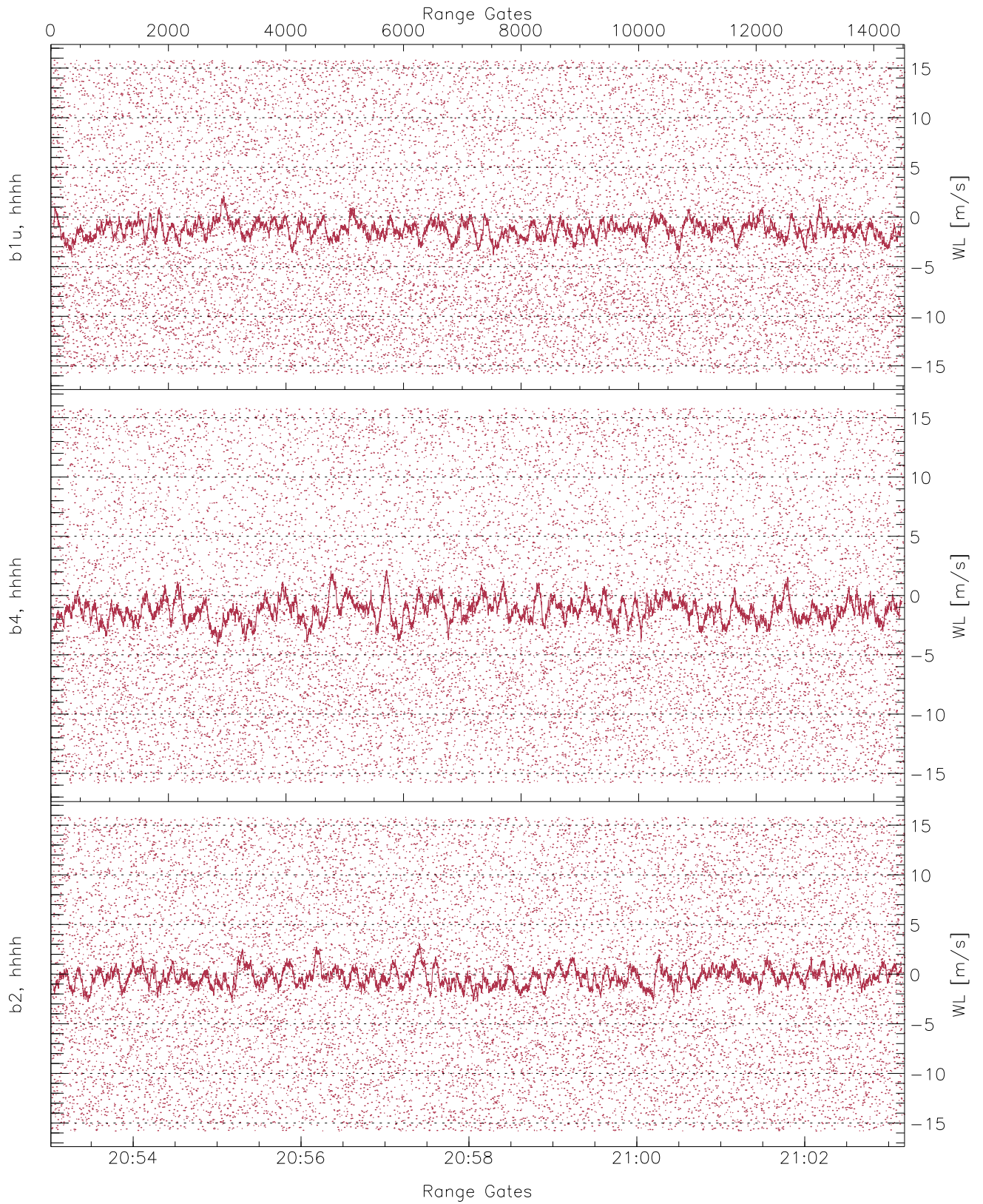


WCR2 CPP "Best" estimate Receivers Noise Power

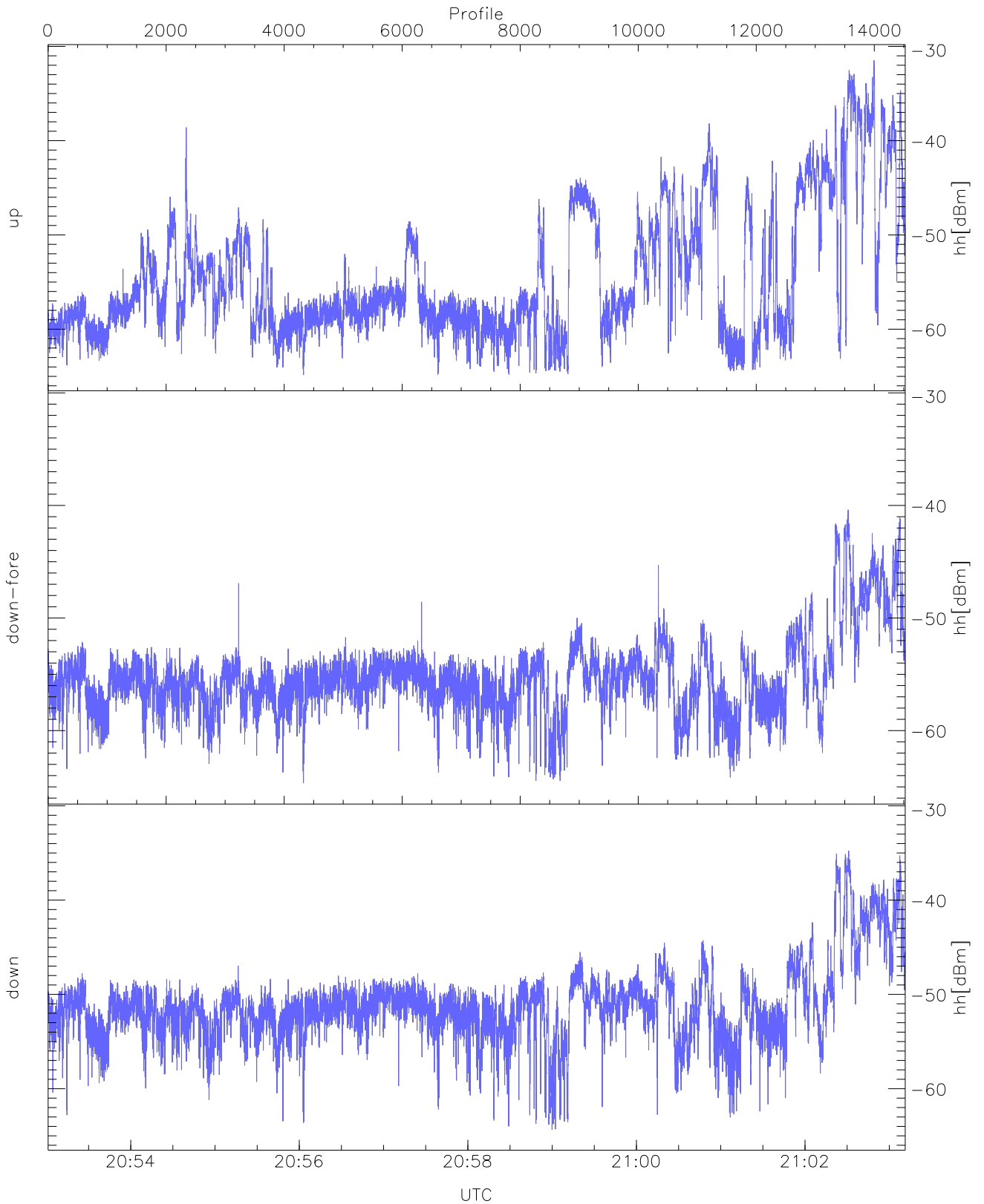
| | Min | Max | Mean | Median | StDev |
|-----------------|--------|--------|--------|--------|--------|
| H1RG114_0 [dBm] | -65.71 | -63.47 | -64.56 | -64.57 | -76.53 |
| H2RG57_0 [dBm] | -65.25 | -62.99 | -64.08 | -64.08 | -76.14 |
| V2RG58_0 [dBm] | -65.11 | -62.90 | -63.99 | -63.99 | -76.05 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 205301-205806, 7264 profiles averaged
red: 205806-210311, 7263 profiles averaged

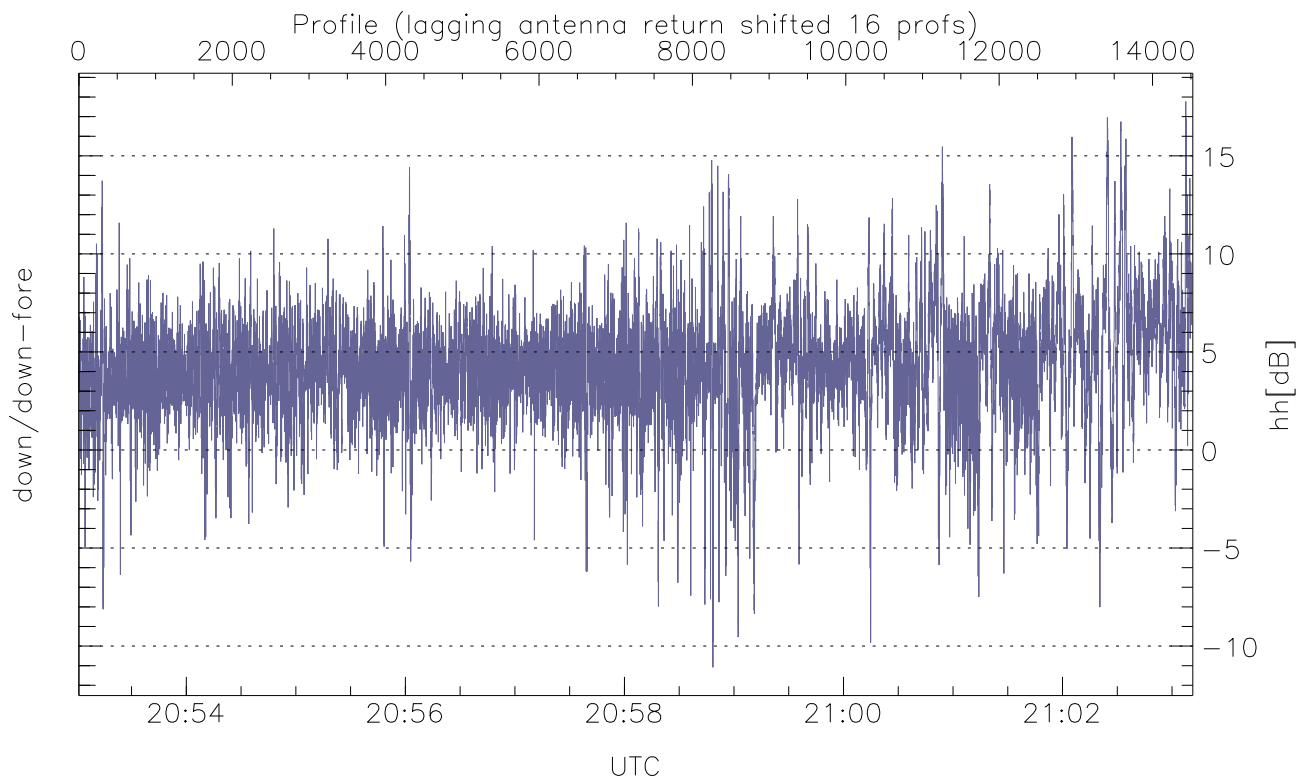
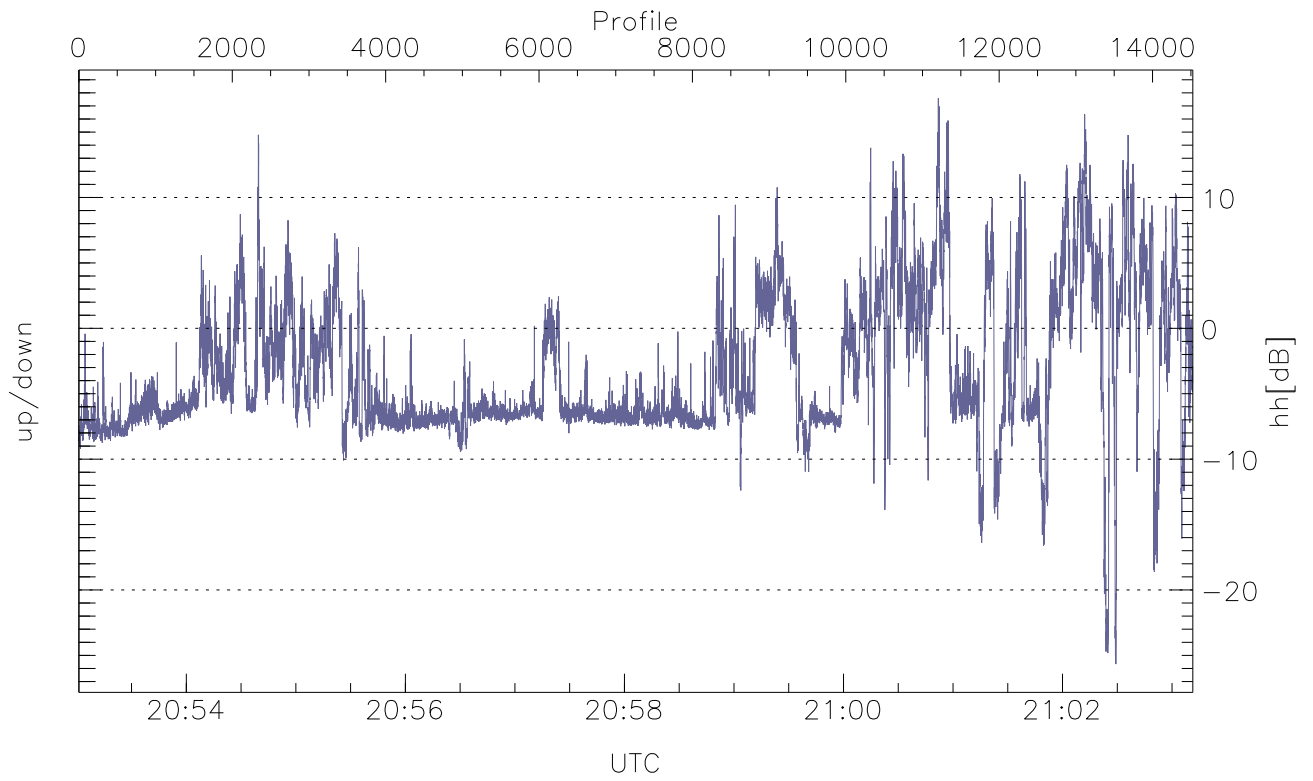


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



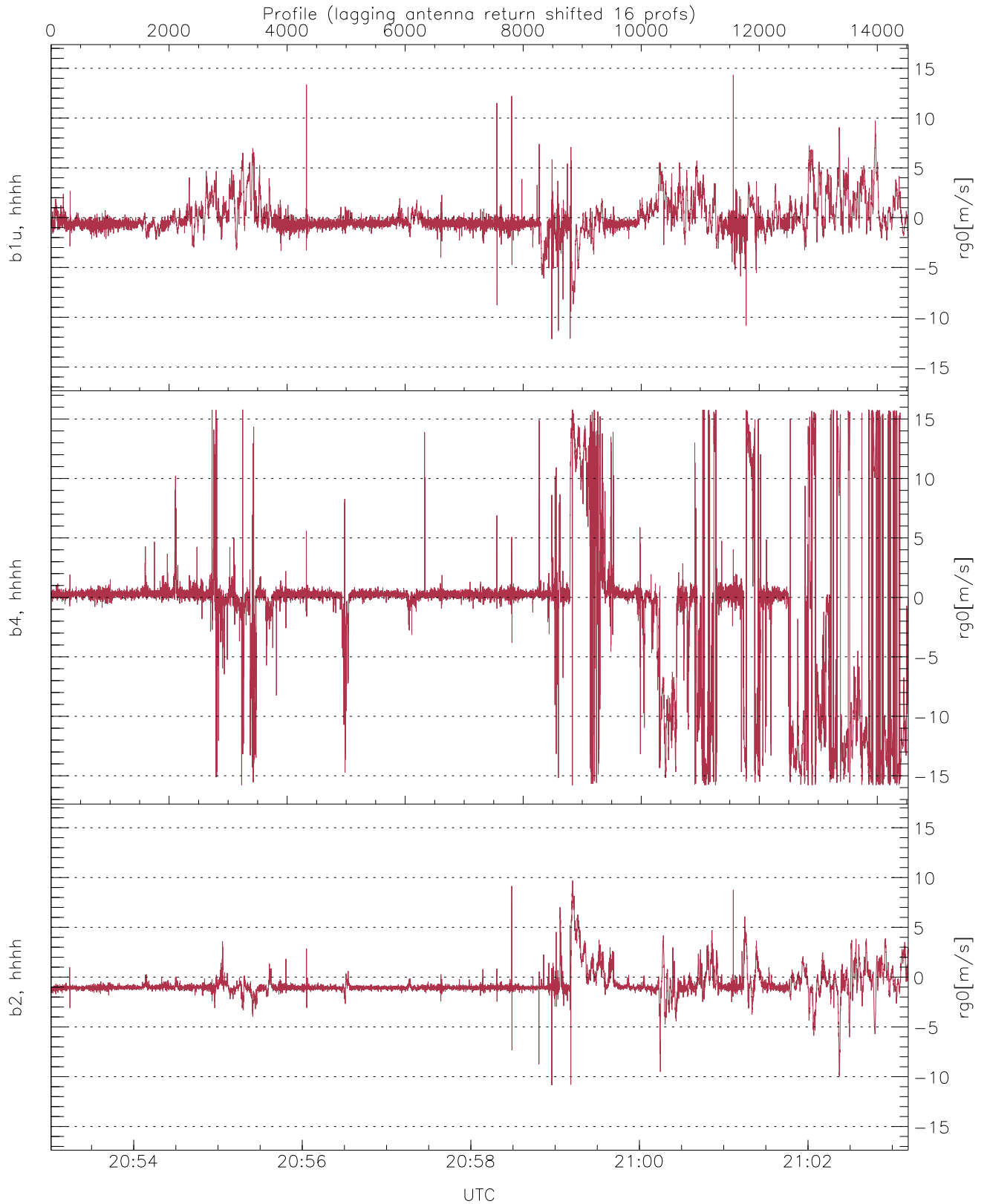
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|--------------------|--------|--------|--------|
| up(hh[dBm]) | -64.86 | -31.48 | -47.66 |
| down-fore(hh[dBm]) | -64.63 | -40.38 | -53.42 |
| down(hh[dBm]) | -64.35 | -34.77 | -48.52 |



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

| | Min | Max | Mean |
|------------------------|--------|-------|-------|
| up/down(hh[dB]) | -25.67 | 17.58 | -4.82 |
| down/down-fore(hh[dB]) | -11.08 | 17.77 | 4.28 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|---------------------|--------|-------|-------|-------|
| b1u, hhhh(rg0[m/s]) | -12.19 | 14.34 | -0.02 | 1.69 |
| b4, hhhh(rg0[m/s]) | -15.80 | 15.80 | -0.87 | 6.01 |
| b2, hhhh(rg0[m/s]) | -10.86 | 9.70 | -0.73 | 1.30 |