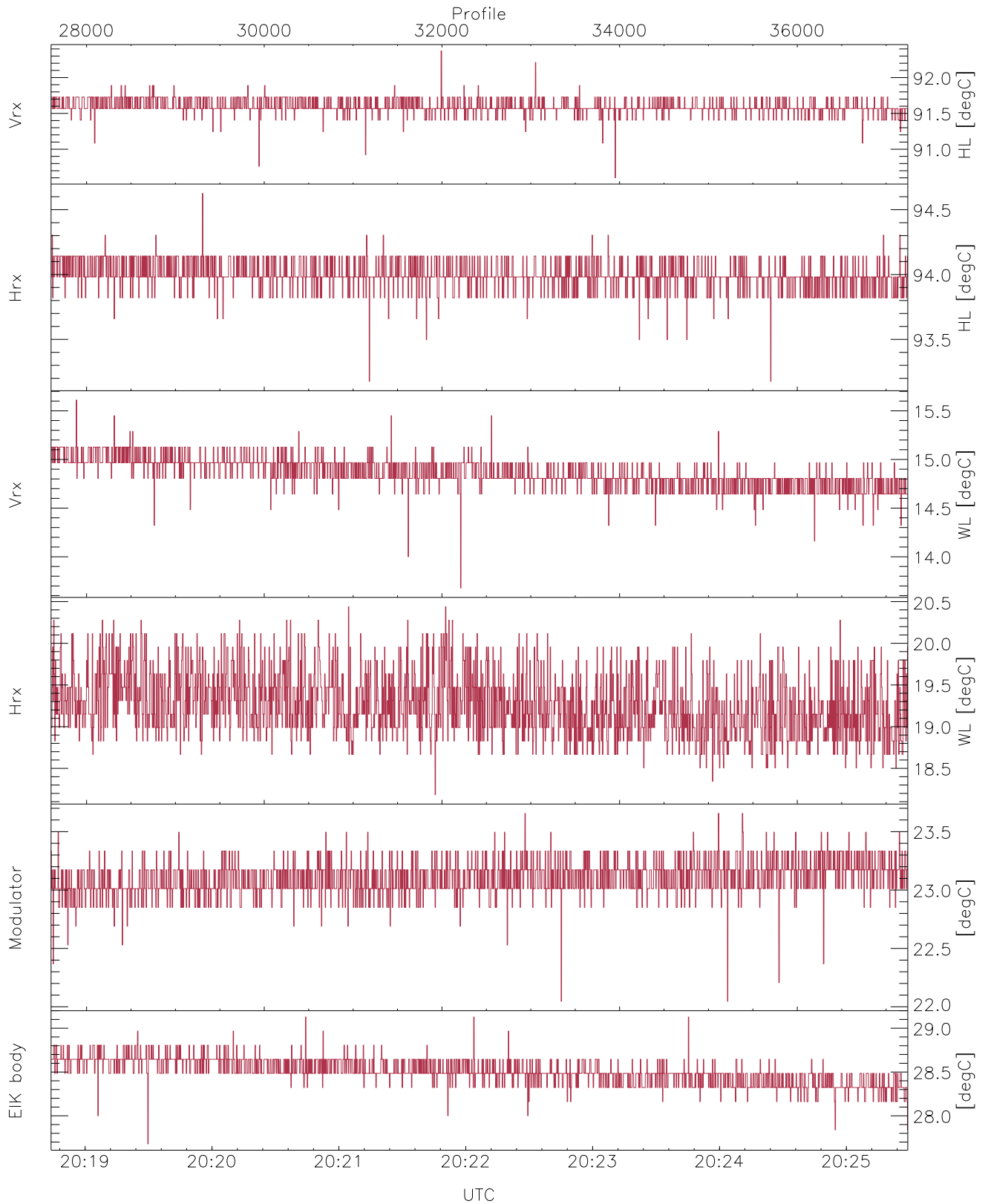


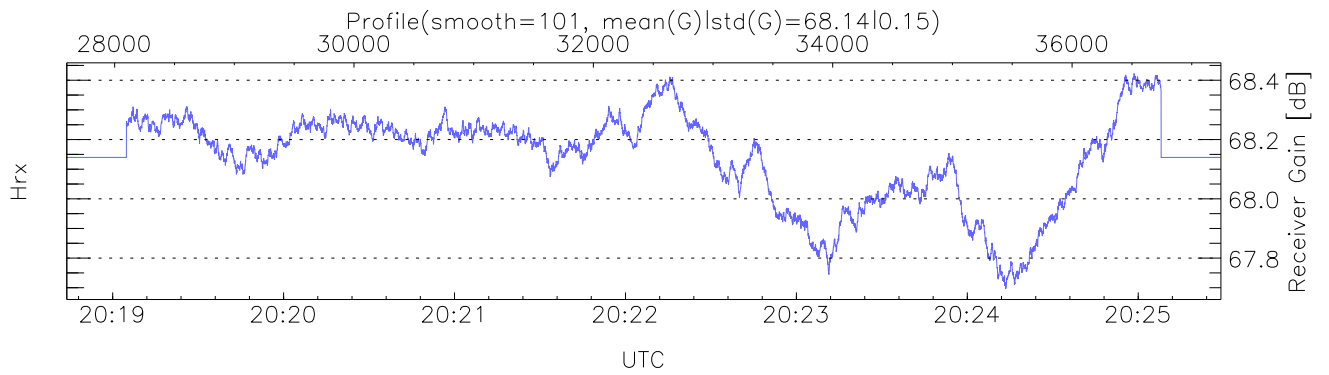
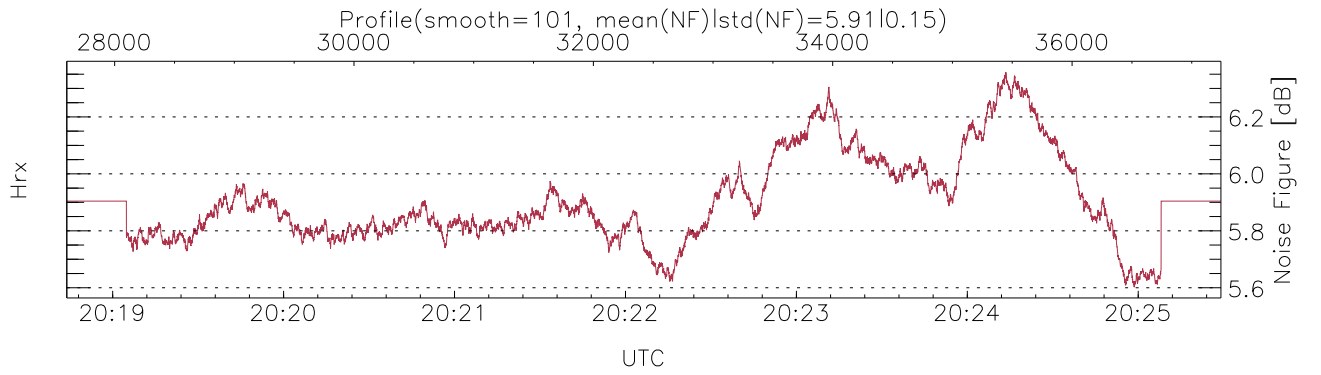
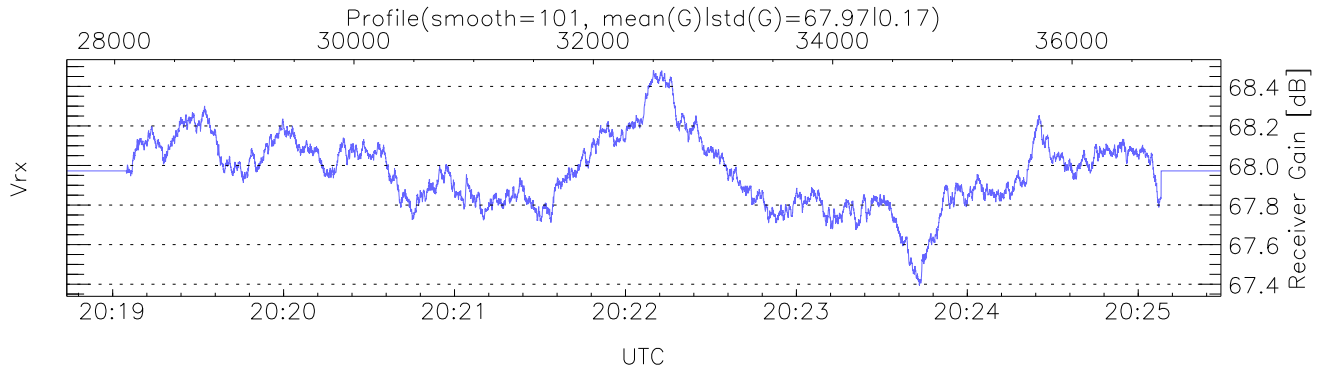
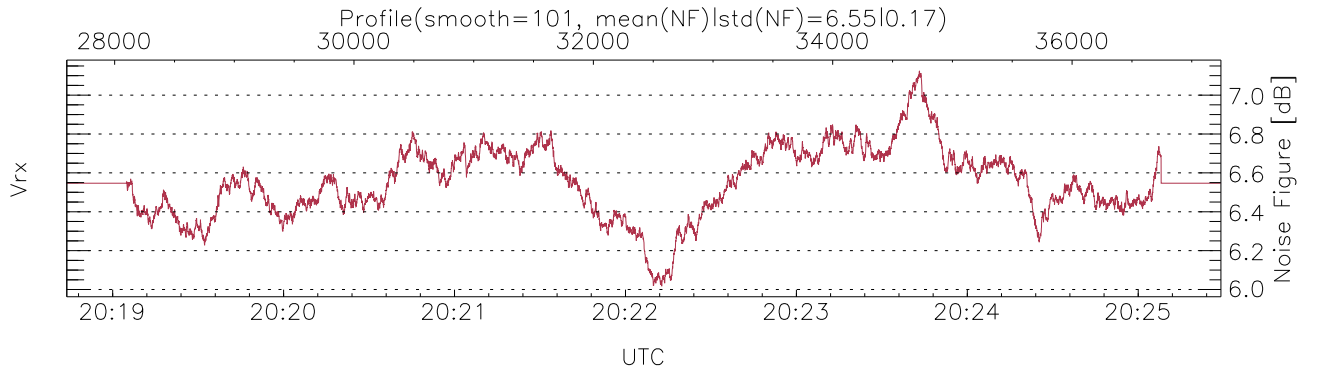
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

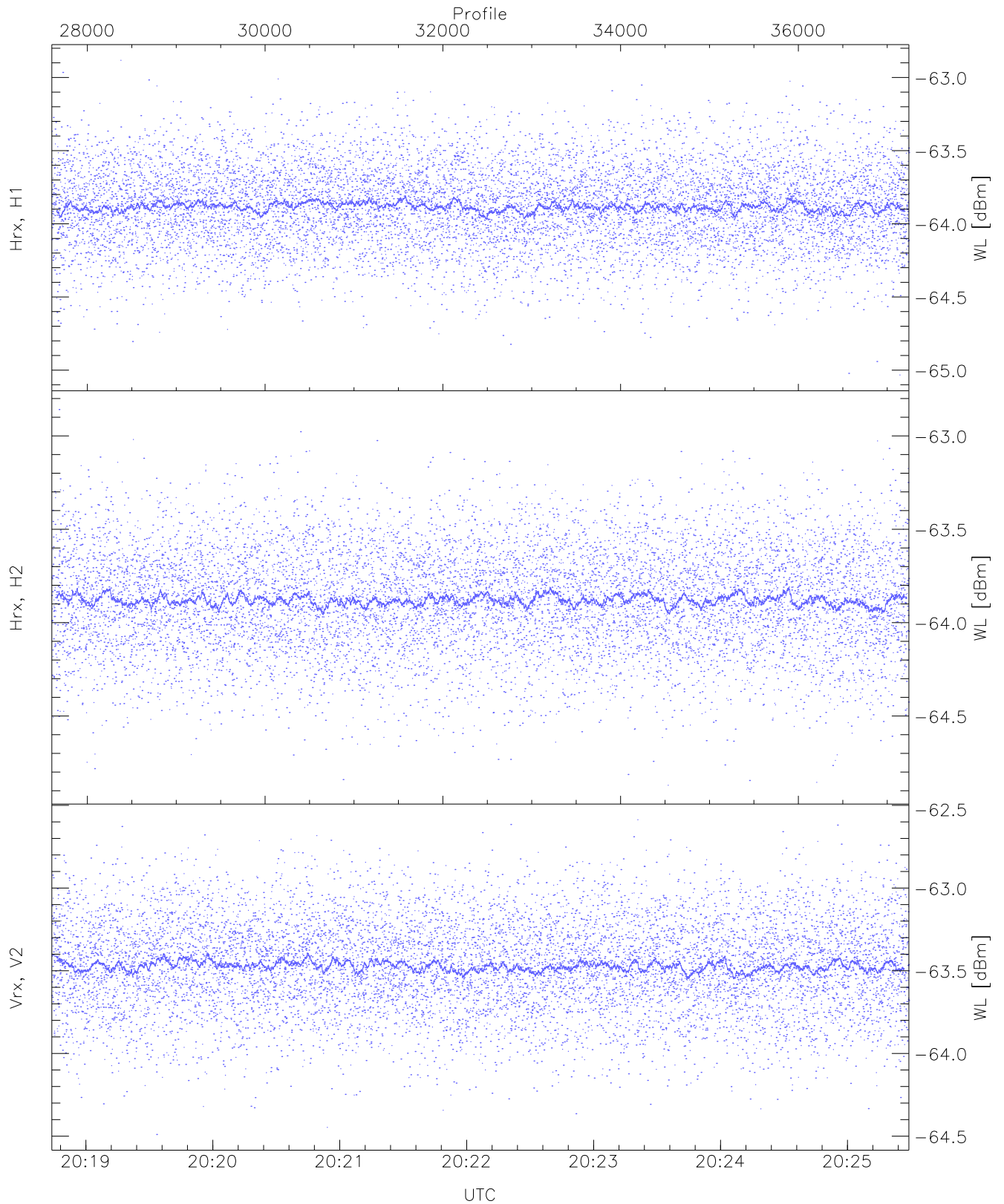
UTC: 19:59:24-20:25:29, Dur: 1564.64s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 9645/37245, 27600-37244/20:18:44-20:25:29
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 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

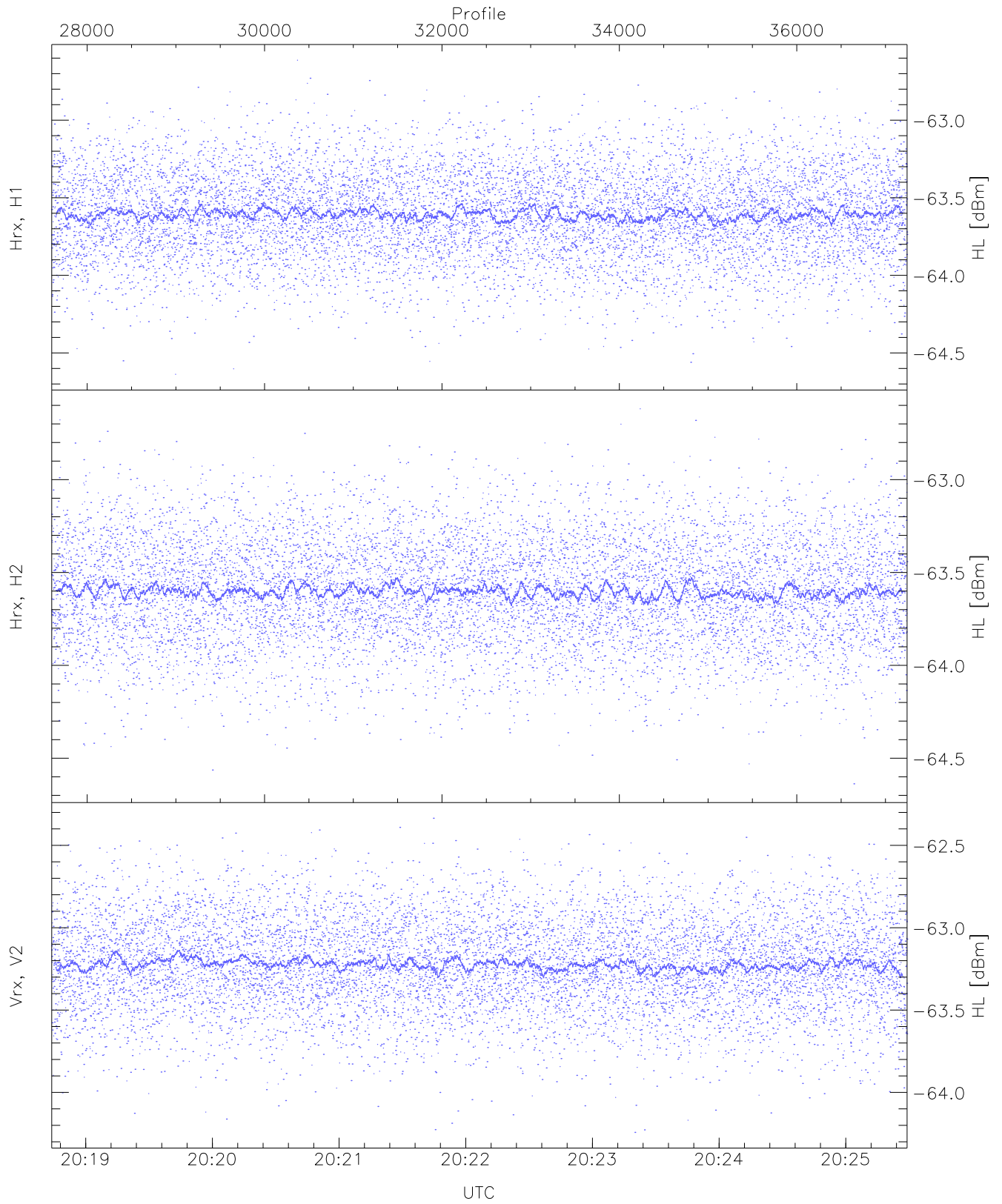
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,93,13,18,22,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,15,20,23,29`
`LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,13,0`
`EIK/Modulator Faults: None`





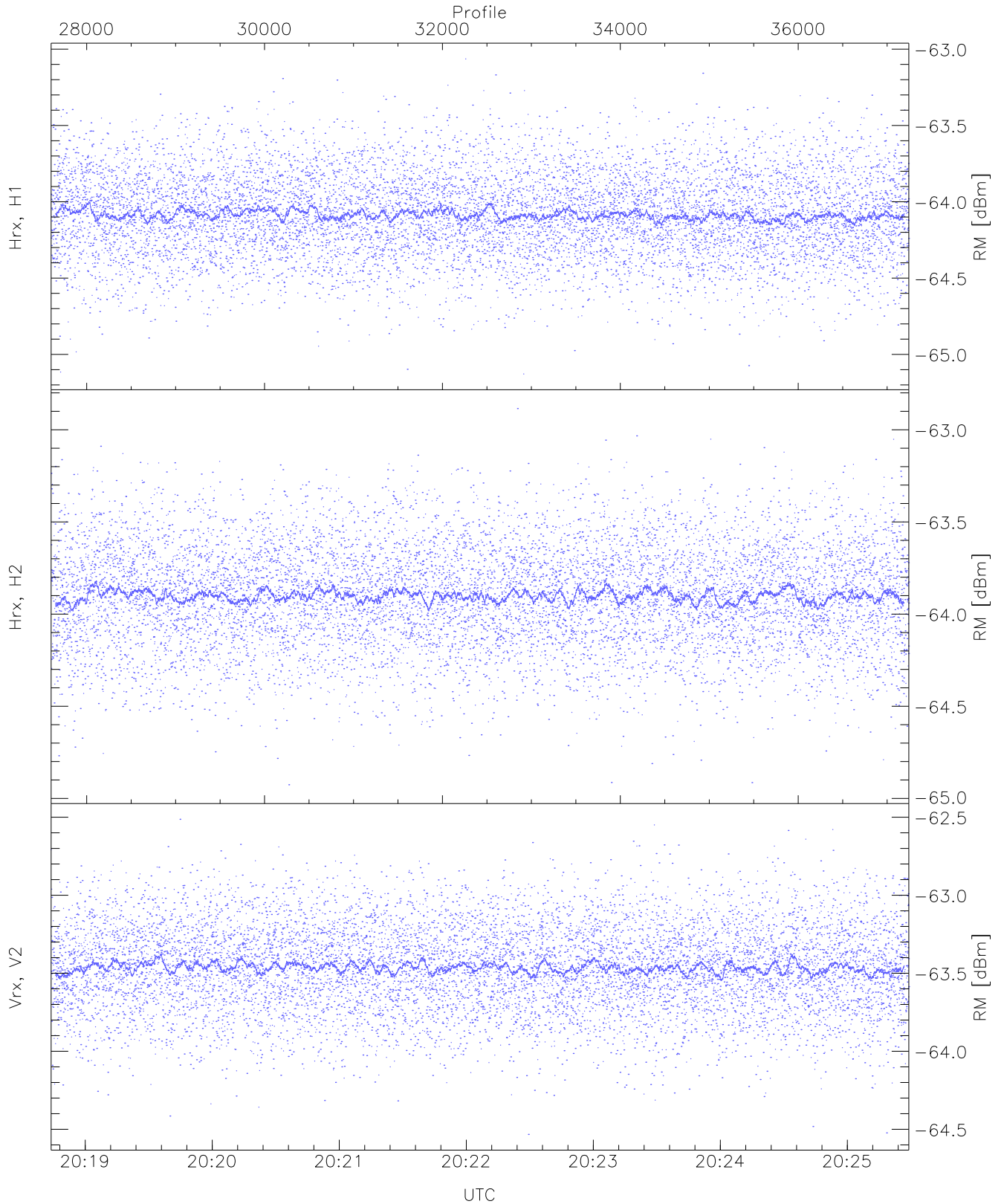
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -65.03 | -62.88 | -63.88 | -63.88 | -76.02 |
| Hrx, H2 (WL [dBm]) | -64.87 | -62.86 | -63.87 | -63.88 | -76.02 |
| Vrx, V2 (WL [dBm]) | -64.49 | -62.59 | -63.47 | -63.47 | -75.60 |



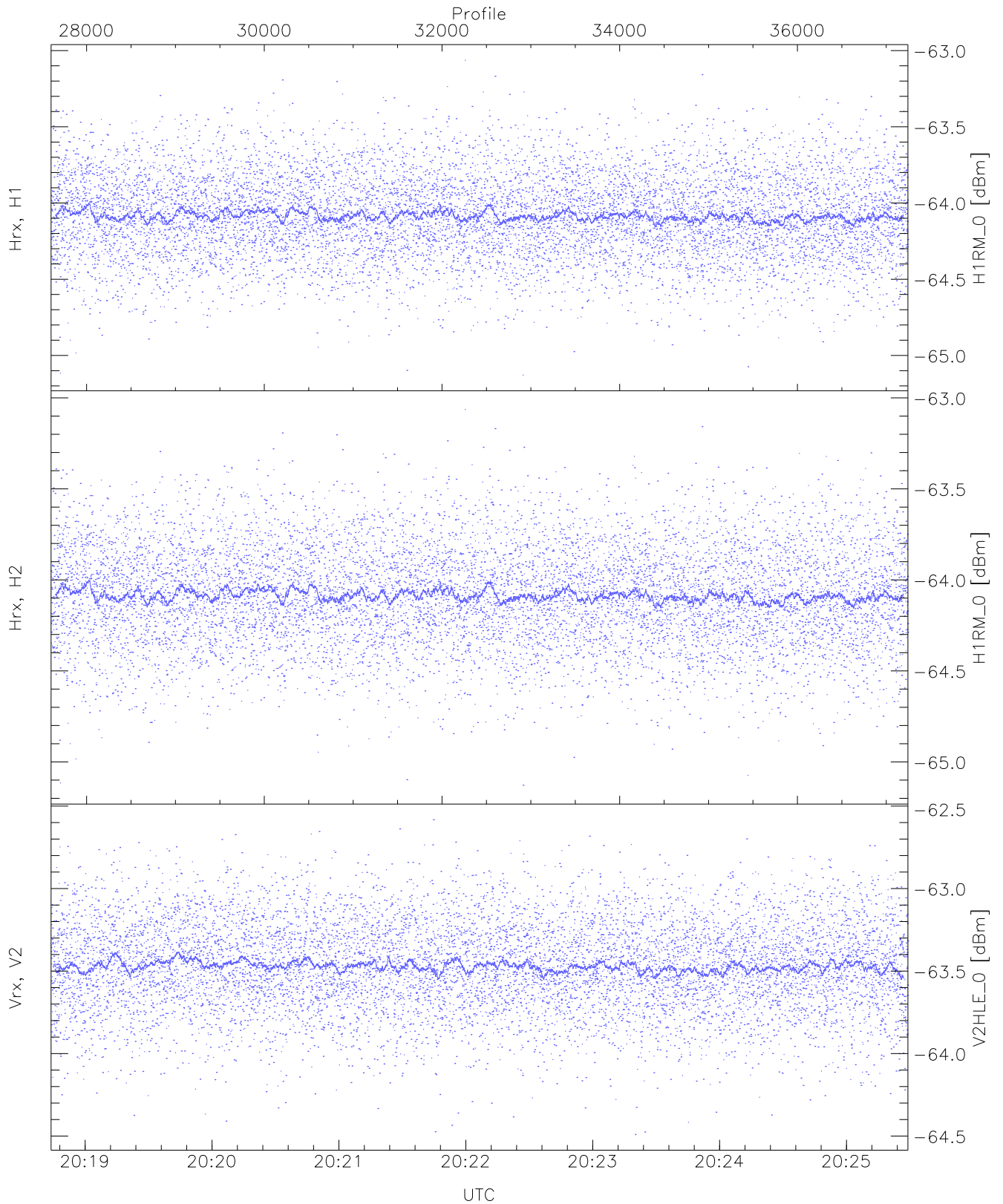
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.64 | -62.61 | -63.60 | -63.61 | -75.73 |
| Hrx, H2 (HL [dBm]) | -64.64 | -62.62 | -63.60 | -63.60 | -75.75 |
| Vrx, V2 (HL [dBm]) | -64.24 | -62.34 | -63.22 | -63.23 | -75.40 |



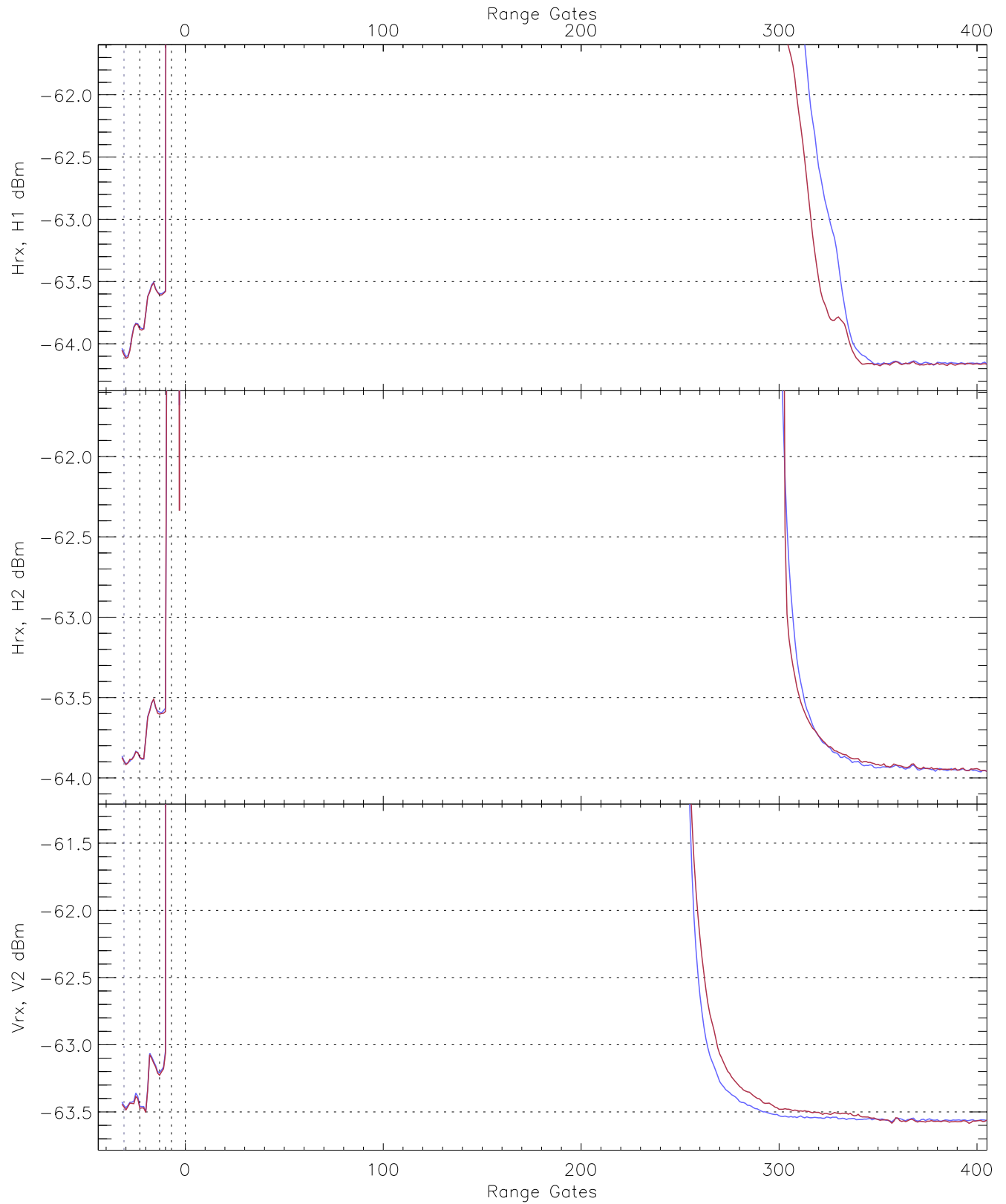
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.13 | -63.06 | -64.08 | -64.09 | -76.21 |
| Hrx, H2 (RM [dBm]) | -64.93 | -62.88 | -63.90 | -63.90 | -76.05 |
| Vrx, V2 (RM [dBm]) | -64.53 | -62.51 | -63.46 | -63.46 | -75.59 |

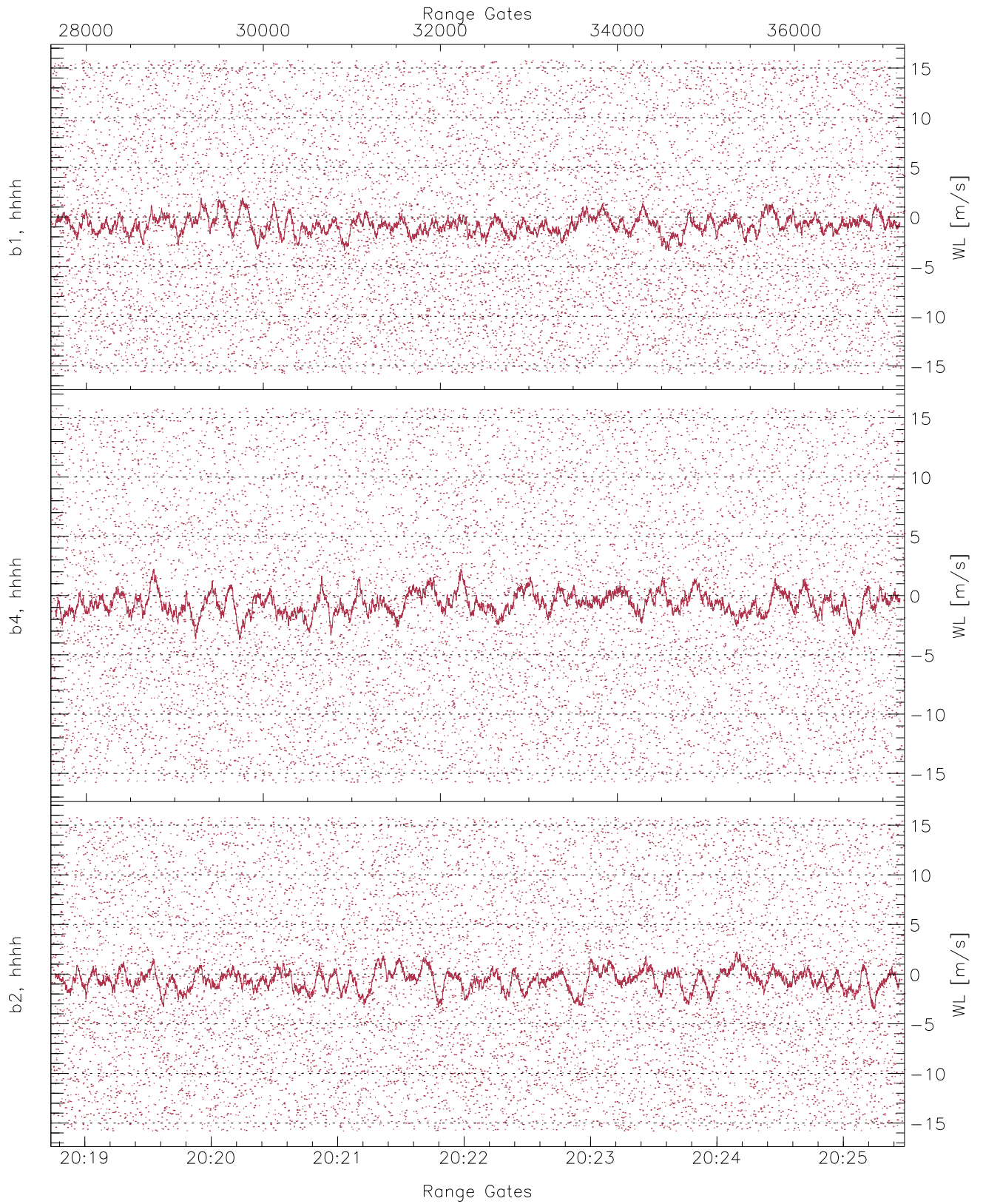


WCR2 CPP "Best" estimate Receivers Noise Power

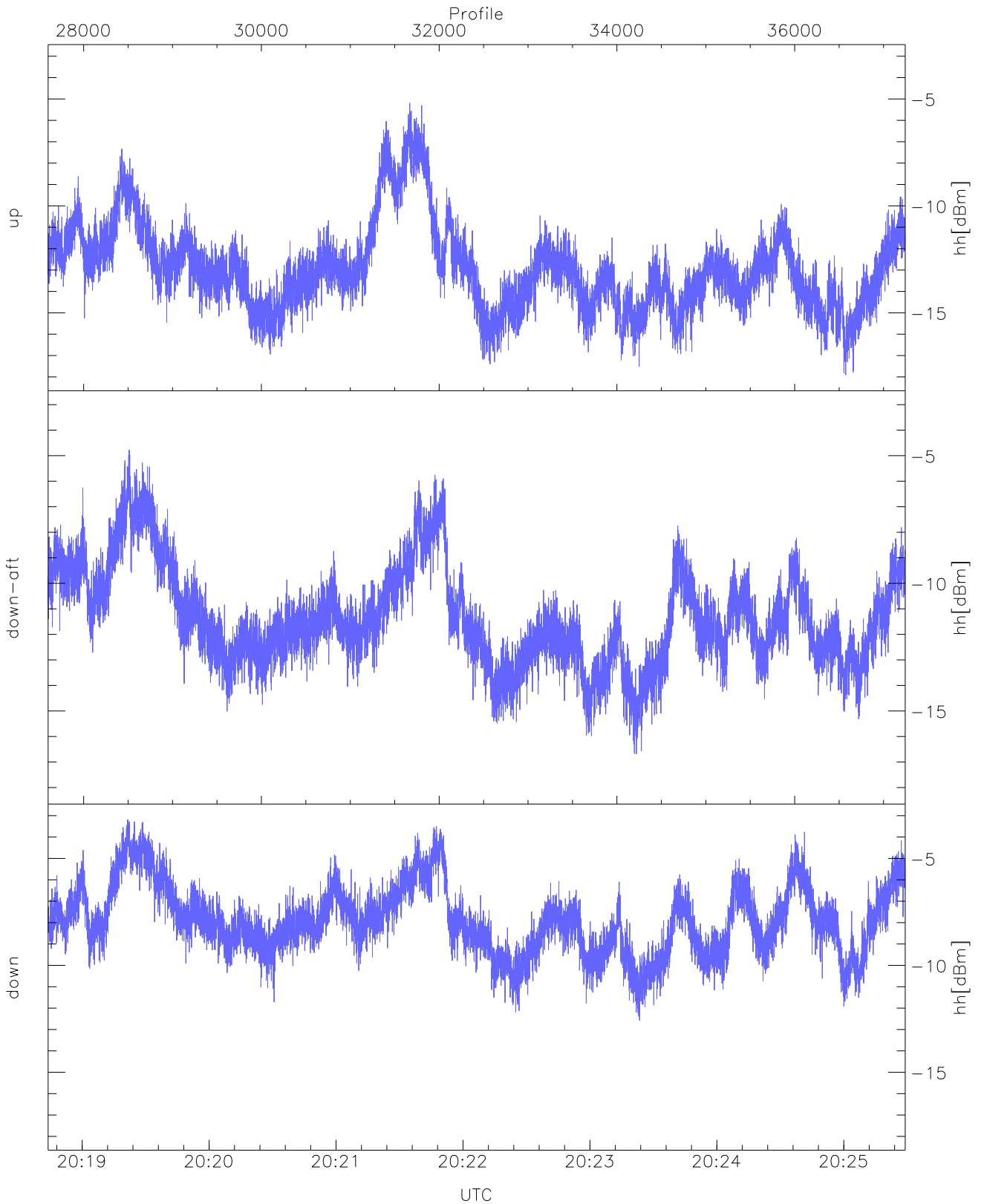
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -65.13 | -63.06 | -64.08 | -64.09 | -76.21 |
| H1RM_0 [dBm] | -65.13 | -63.06 | -64.08 | -64.09 | -76.21 |
| V2HLE_0 [dBm] | -64.49 | -62.58 | -63.47 | -63.47 | -75.65 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 201844-202206, 4823 profiles averaged
red: 202206-202529, 4823 profiles averaged

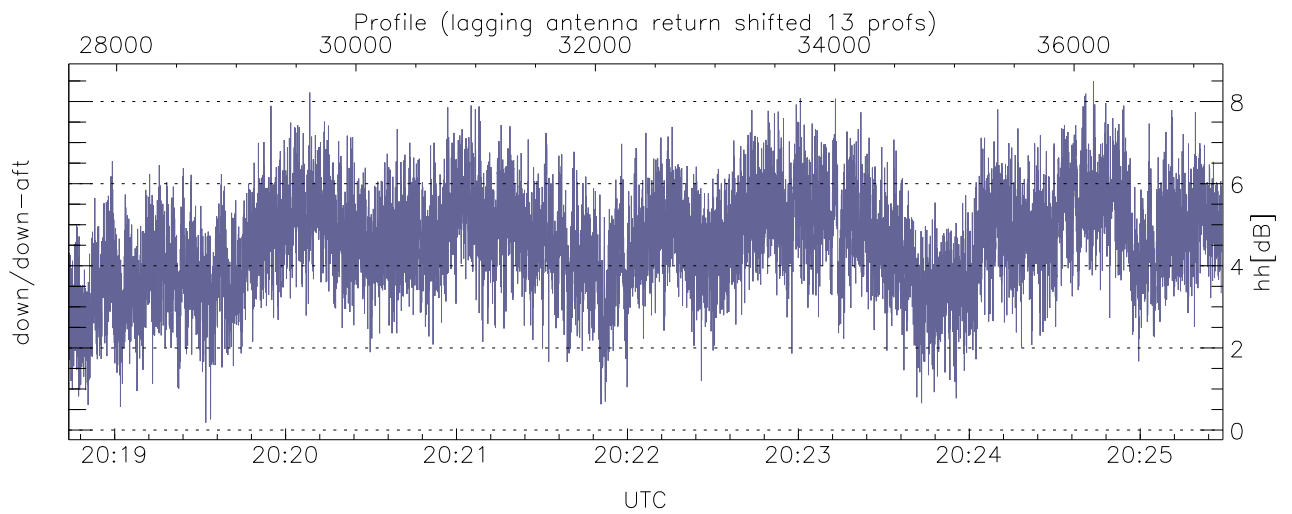
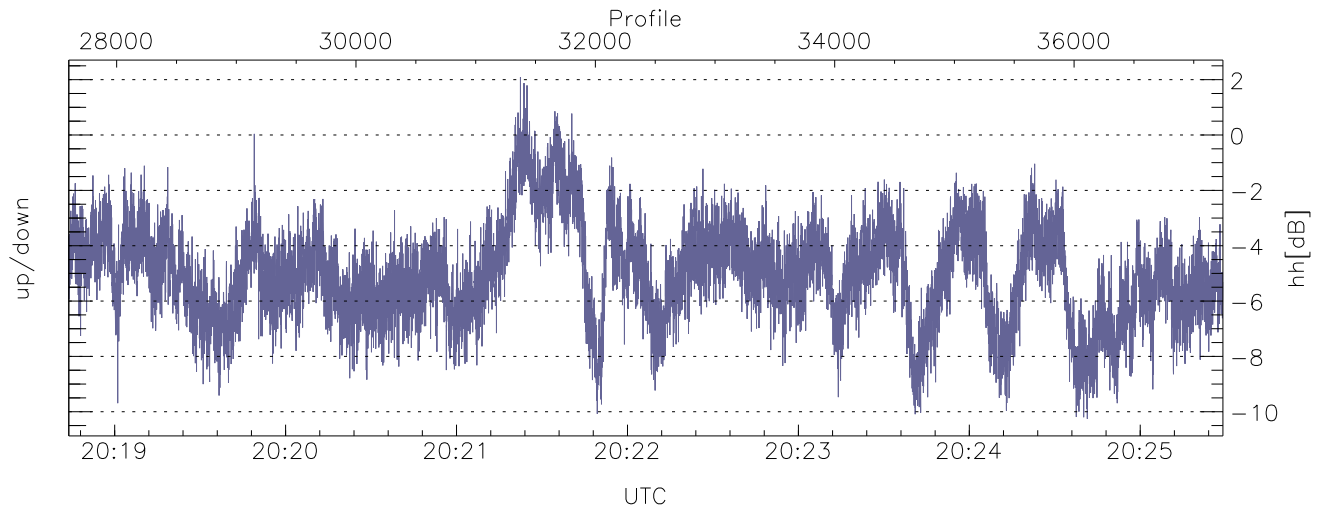


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



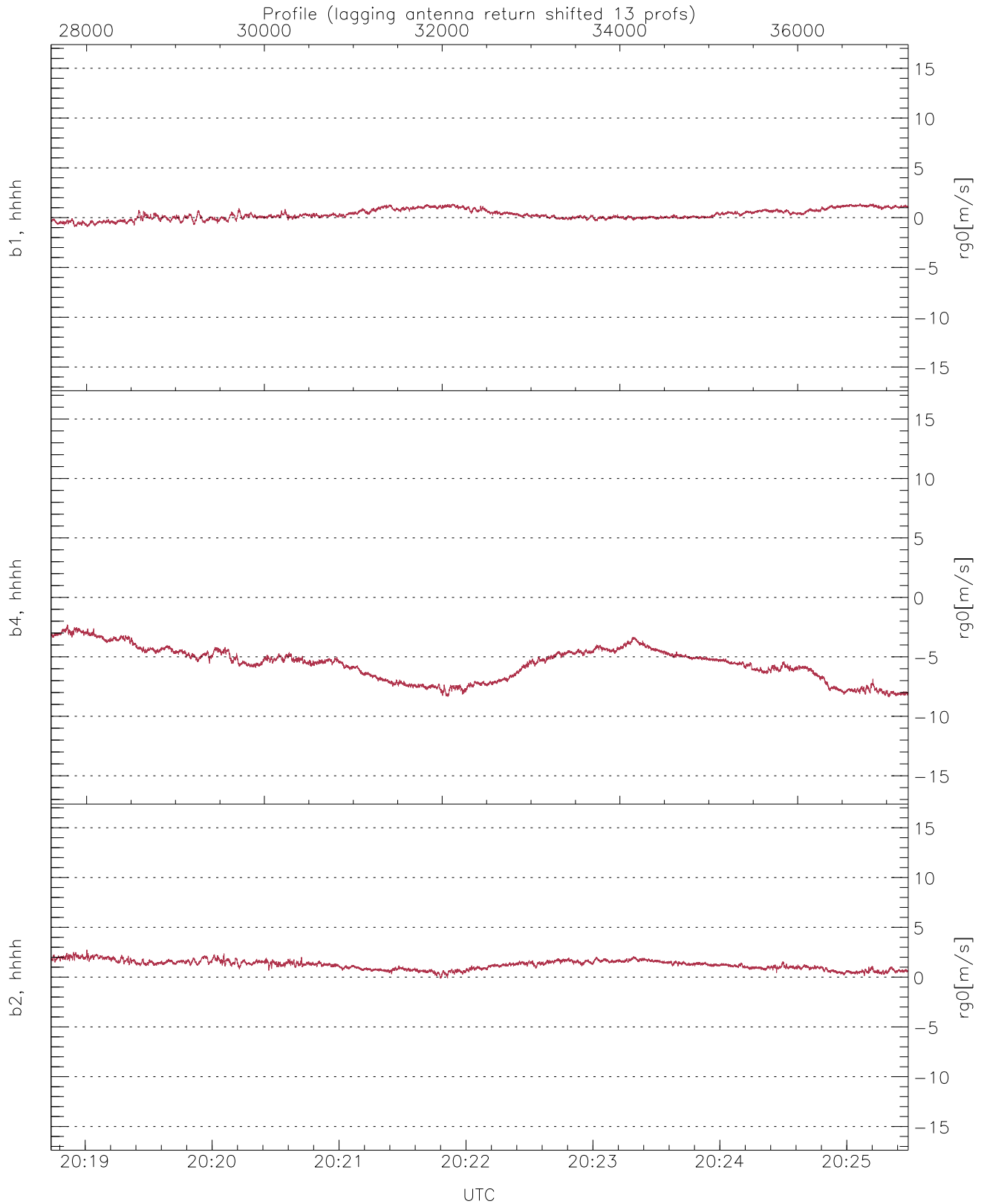
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|-------|--------|
| up(hh[dBm]) | -17.91 | -5.19 | -12.40 |
| down-aft(hh[dBm]) | -16.69 | -4.77 | -10.89 |
| down(hh[dBm]) | -12.58 | -3.19 | -7.60 |



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

| | Min | Max | Mean |
|-----------------------|--------|------|-------|
| up/down(hh[dB]) | -10.26 | 2.09 | -3.89 |
| down/down-aft(hh[dB]) | 0.18 | 8.50 | 4.58 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|-------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -0.94 | 1.39 | 0.33 | 0.50 |
| b4, hhhh(rg0[m/s]) | -8.39 | -2.31 | -5.58 | 1.41 |
| b2, hhhh(rg0[m/s]) | -0.11 | 2.75 | 1.24 | 0.46 |