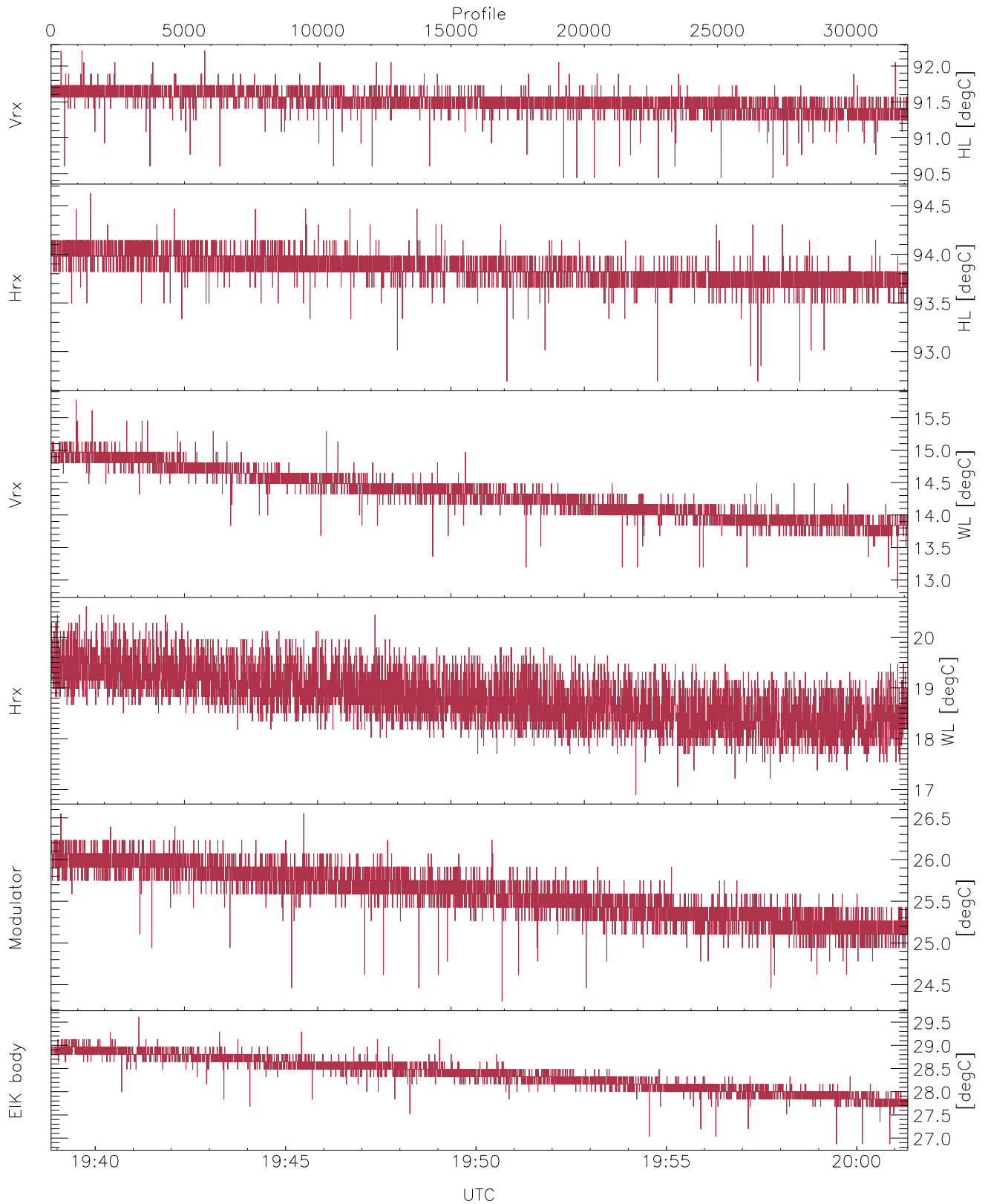


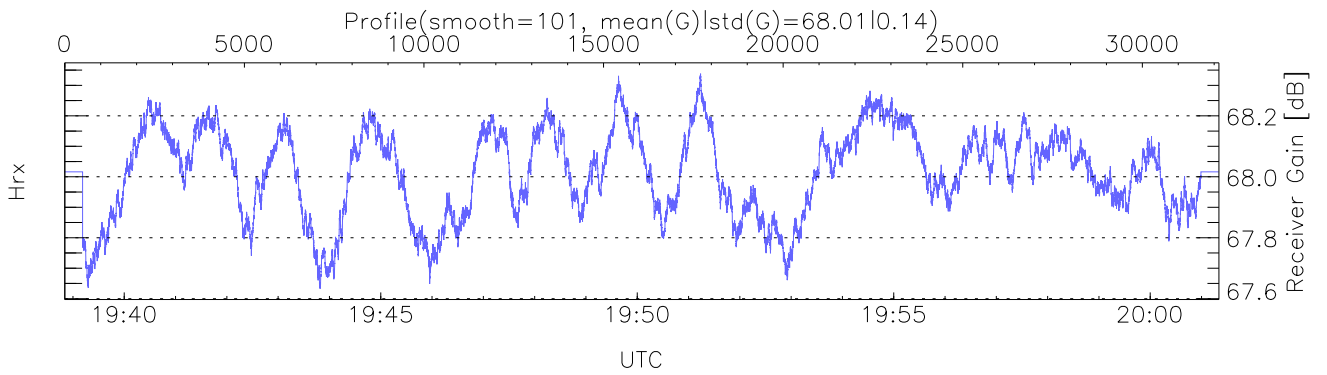
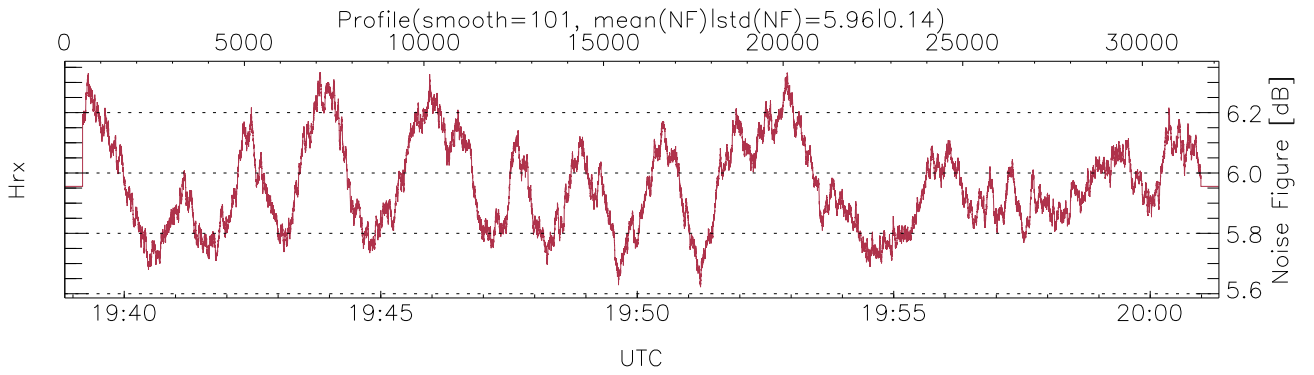
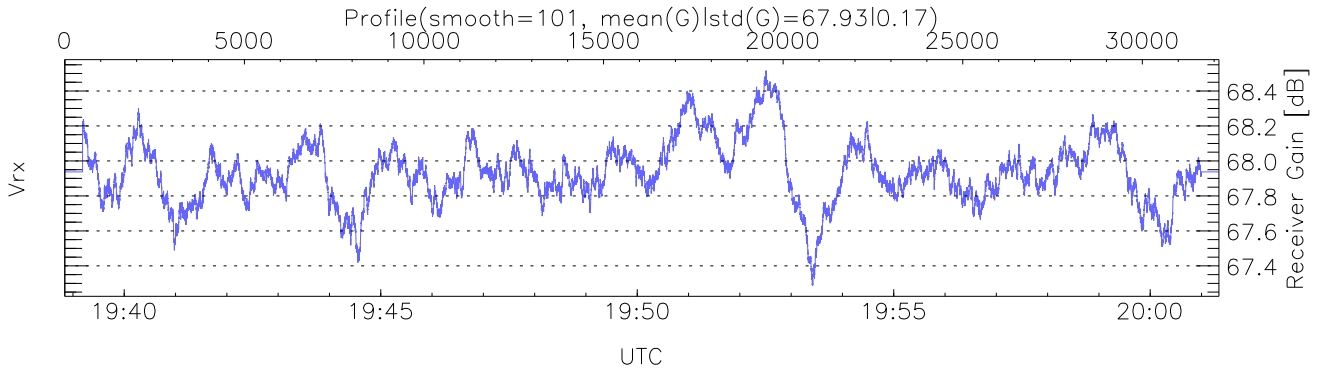
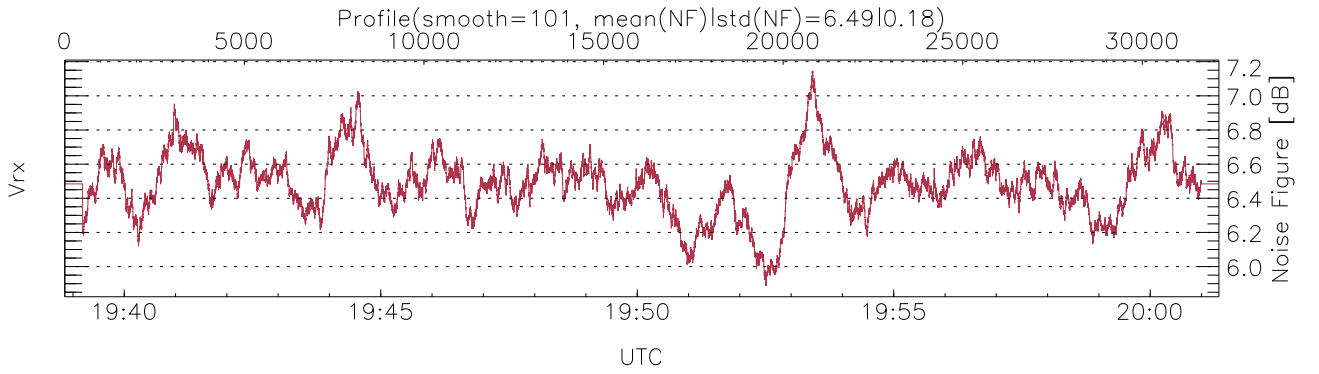
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

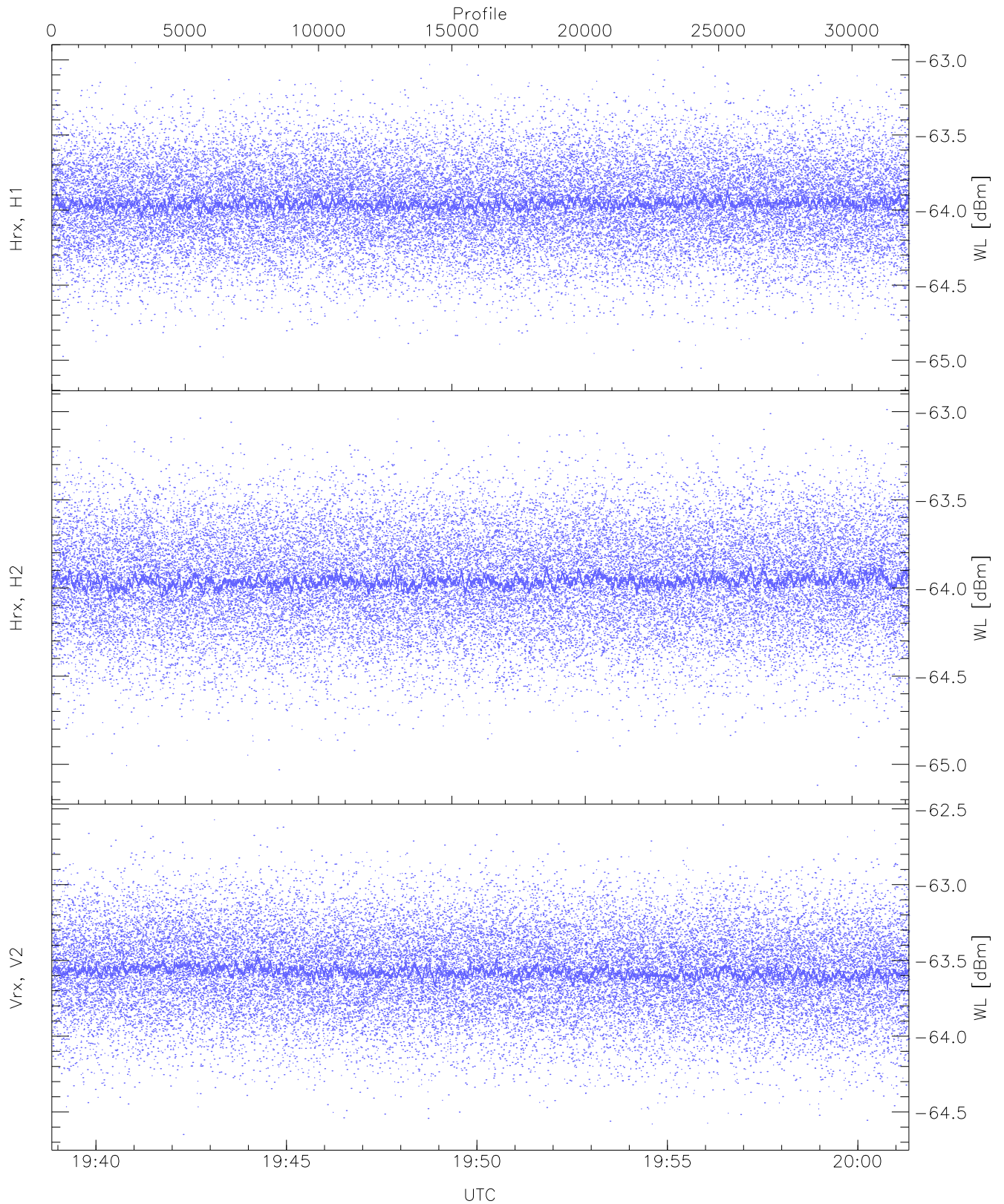
UTC: 19:38:50-20:01:20, Dur: 1349.92s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 32134/32134, 0-32133/19:38:50-20:01:20
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

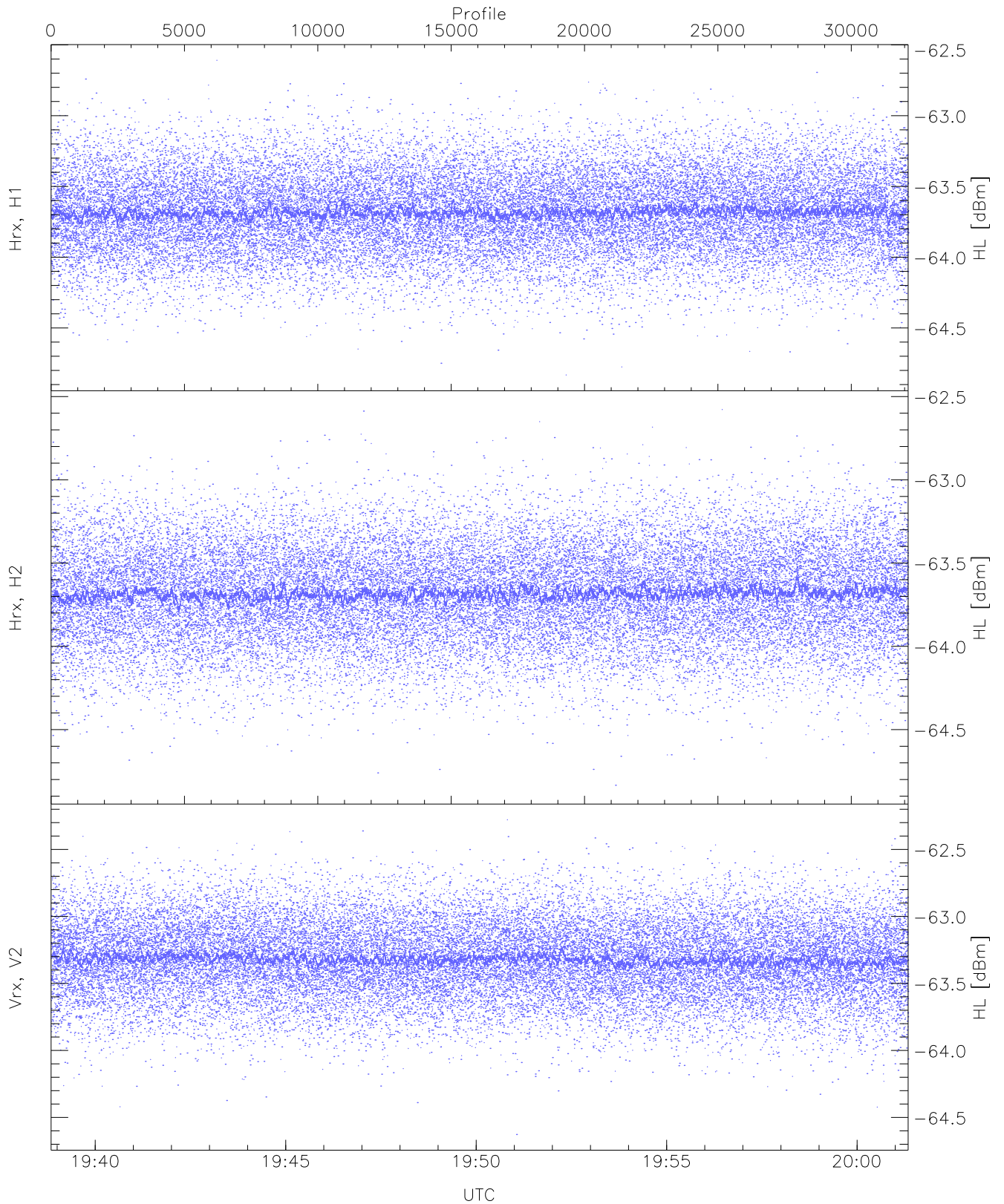
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,12,16,24,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,15,20,26,29`
`LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,62,0`
`EIK/Modulator Faults: None`





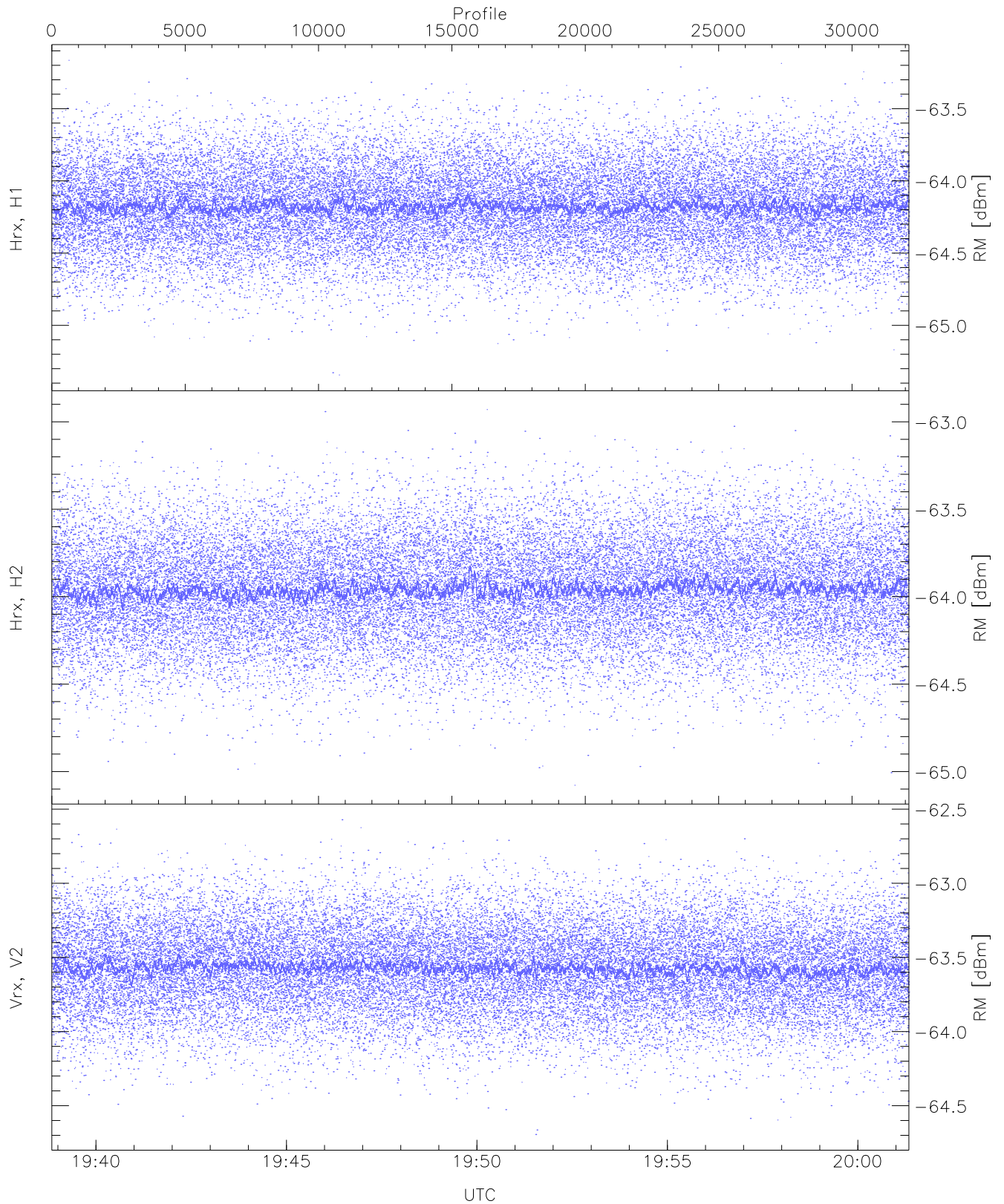
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -65.10 | -63.00 | -63.95 | -63.96 | -76.13 |
| Hrx, H2 (WL [dBm]) | -65.12 | -62.99 | -63.95 | -63.96 | -76.11 |
| Vrx, V2 (WL [dBm]) | -64.65 | -62.57 | -63.57 | -63.58 | -75.67 |



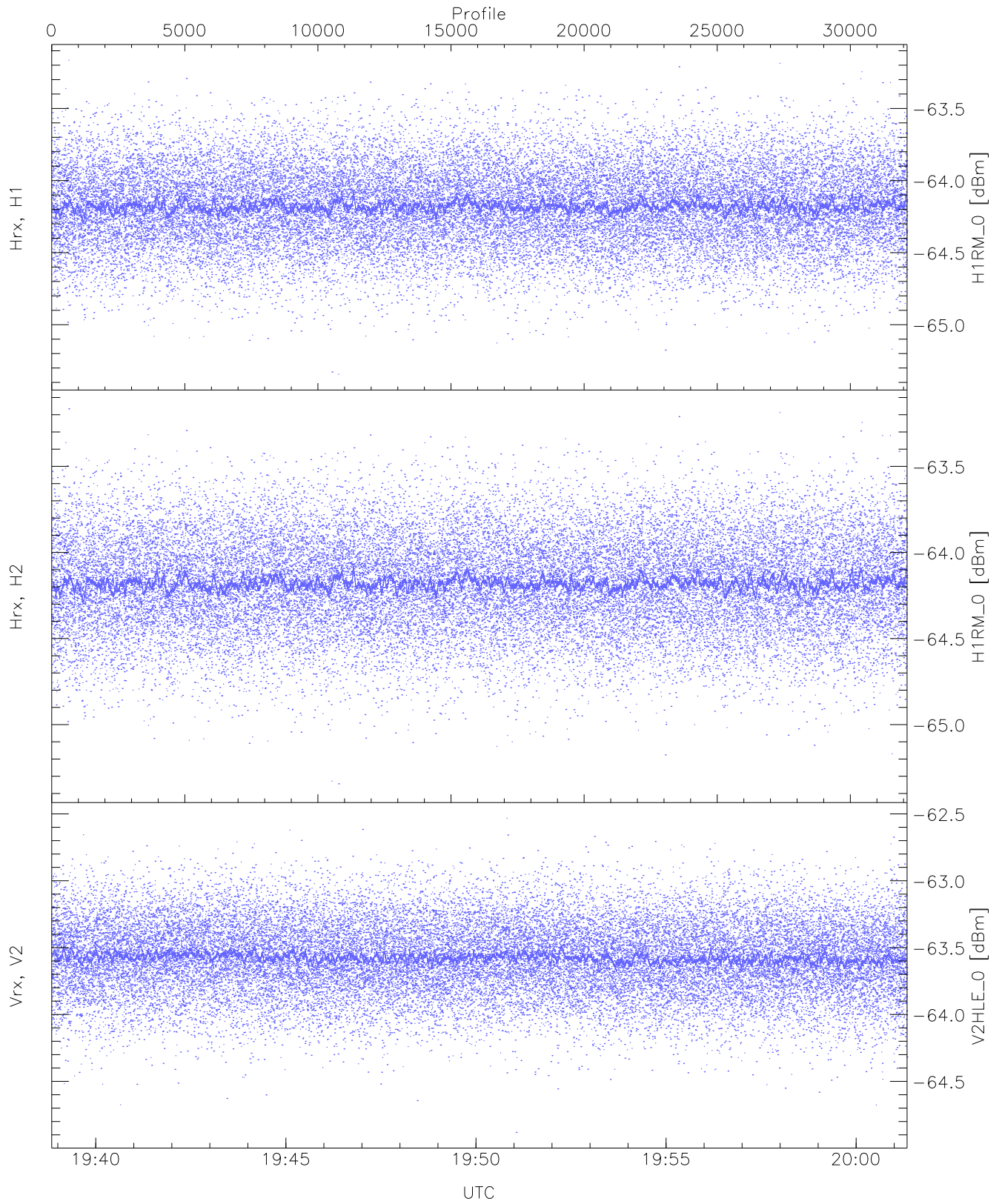
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.83 | -62.61 | -63.68 | -63.69 | -75.84 |
| Hrx, H2 (HL [dBm]) | -64.83 | -62.58 | -63.68 | -63.68 | -75.82 |
| Vrx, V2 (HL [dBm]) | -64.63 | -62.28 | -63.32 | -63.32 | -75.47 |



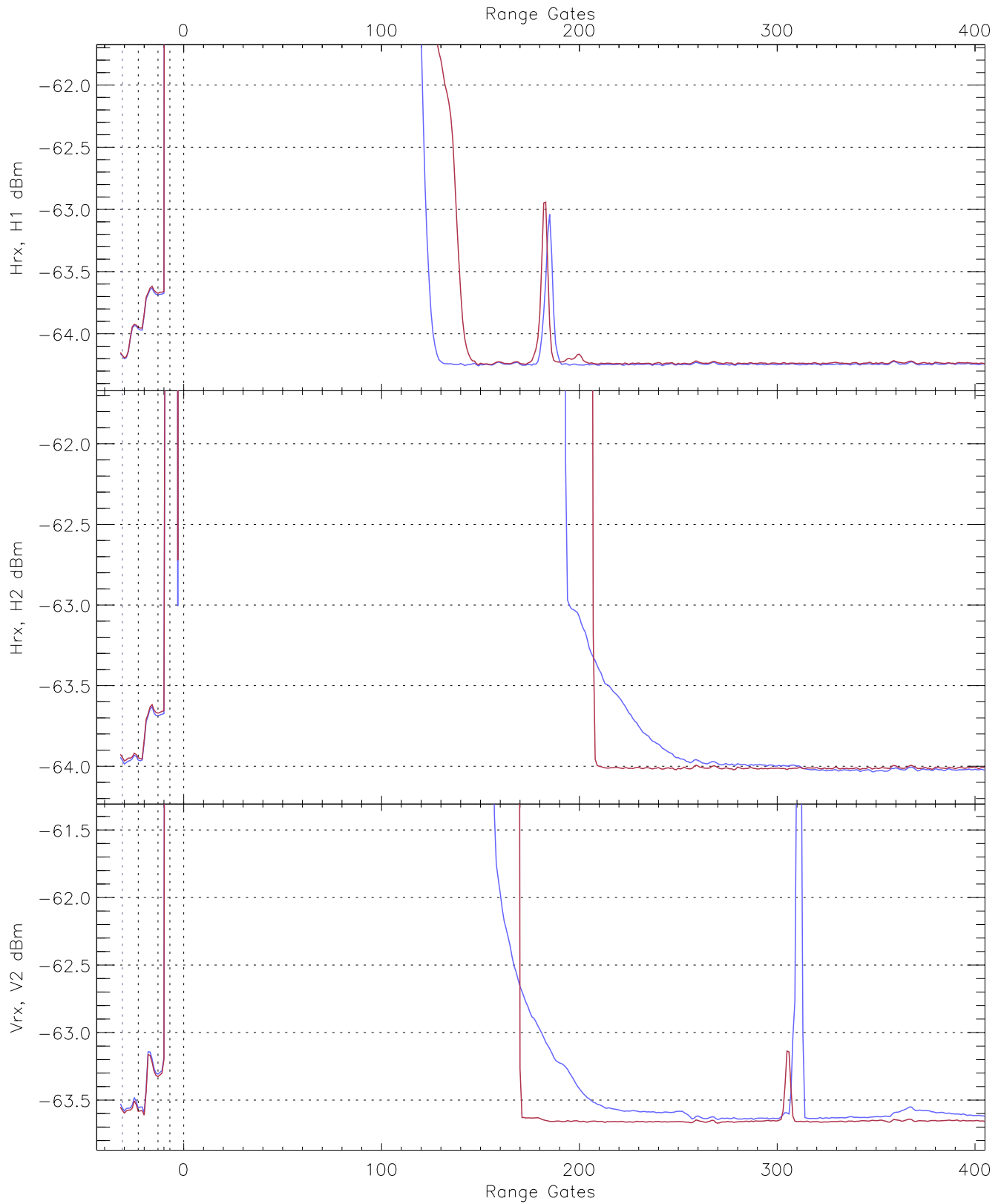
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.34 | -63.17 | -64.18 | -64.18 | -76.32 |
| Hrx, H2 (RM [dBm]) | -65.08 | -62.93 | -63.95 | -63.96 | -76.10 |
| Vrx, V2 (RM [dBm]) | -64.69 | -62.57 | -63.57 | -63.57 | -75.72 |

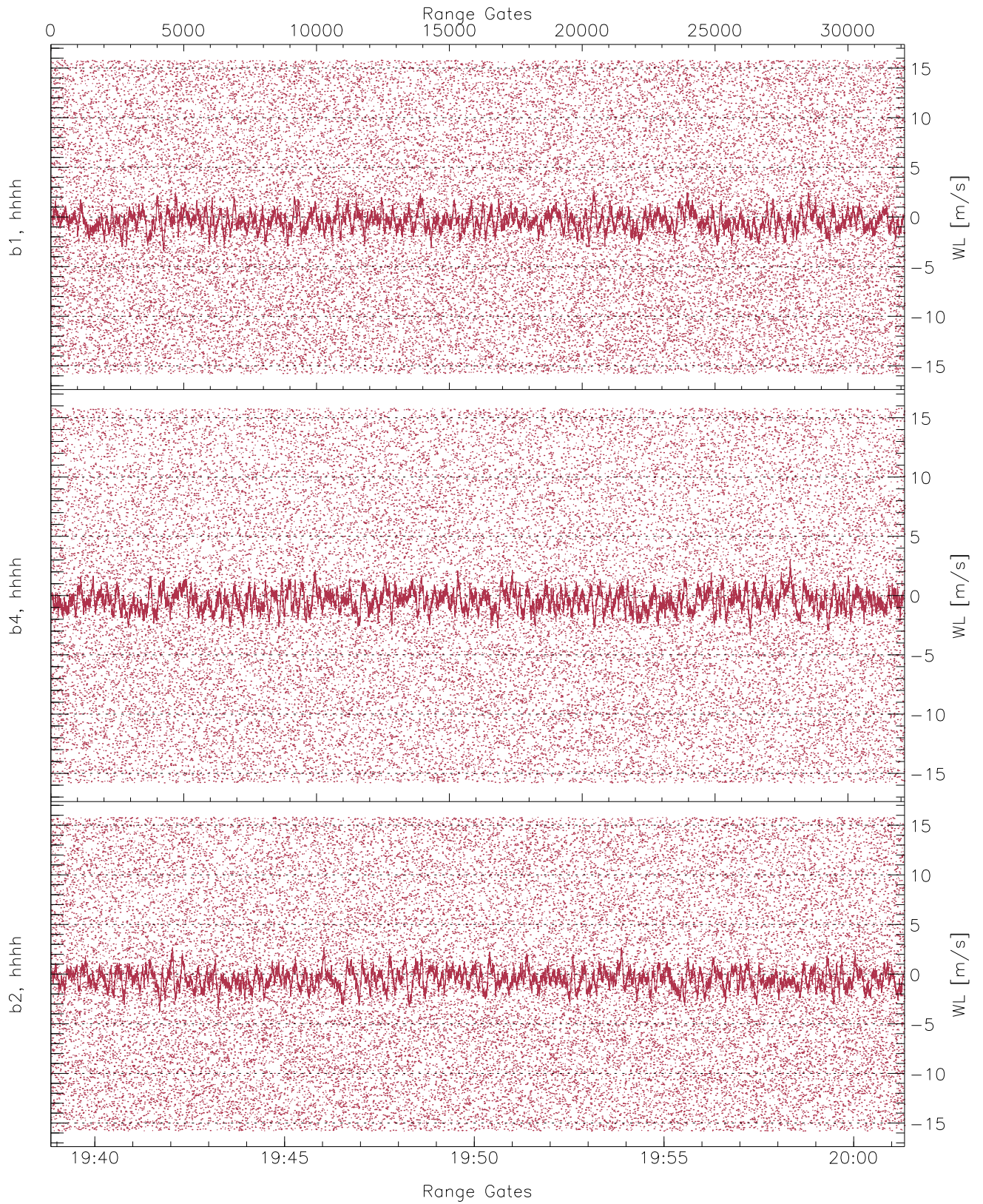


WCR2 CPP "Best" estimate Receivers Noise Power

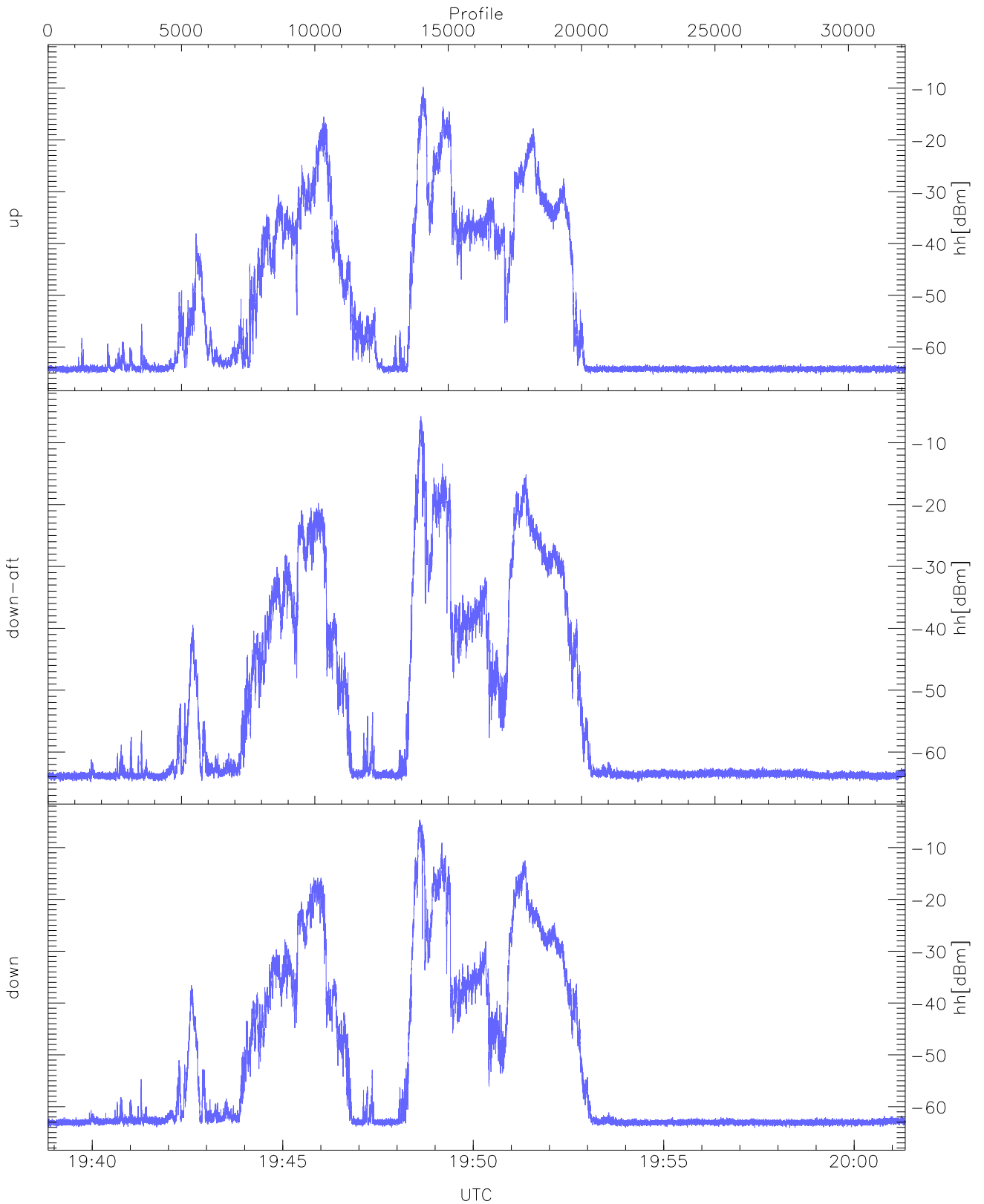
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -65.34 | -63.17 | -64.18 | -64.18 | -76.32 |
| H1RM_0 [dBm] | -65.34 | -63.17 | -64.18 | -64.18 | -76.32 |
| V2HLE_0 [dBm] | -64.88 | -62.53 | -63.57 | -63.58 | -75.72 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 193850-195005, 16068 profiles averaged
red: 195005-200120, 16067 profiles averaged

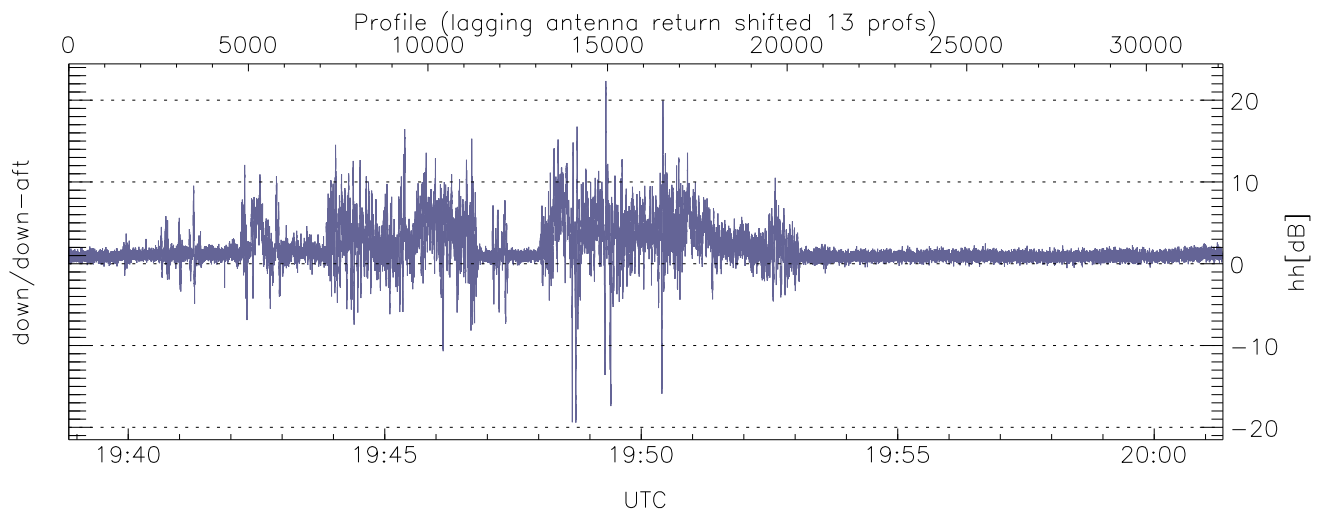
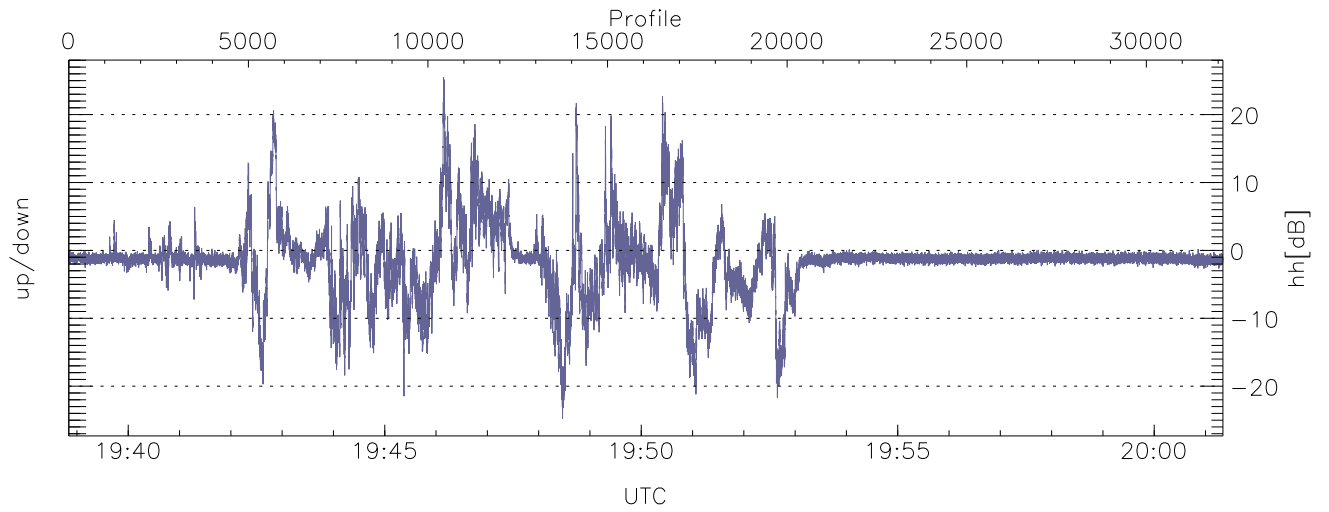


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



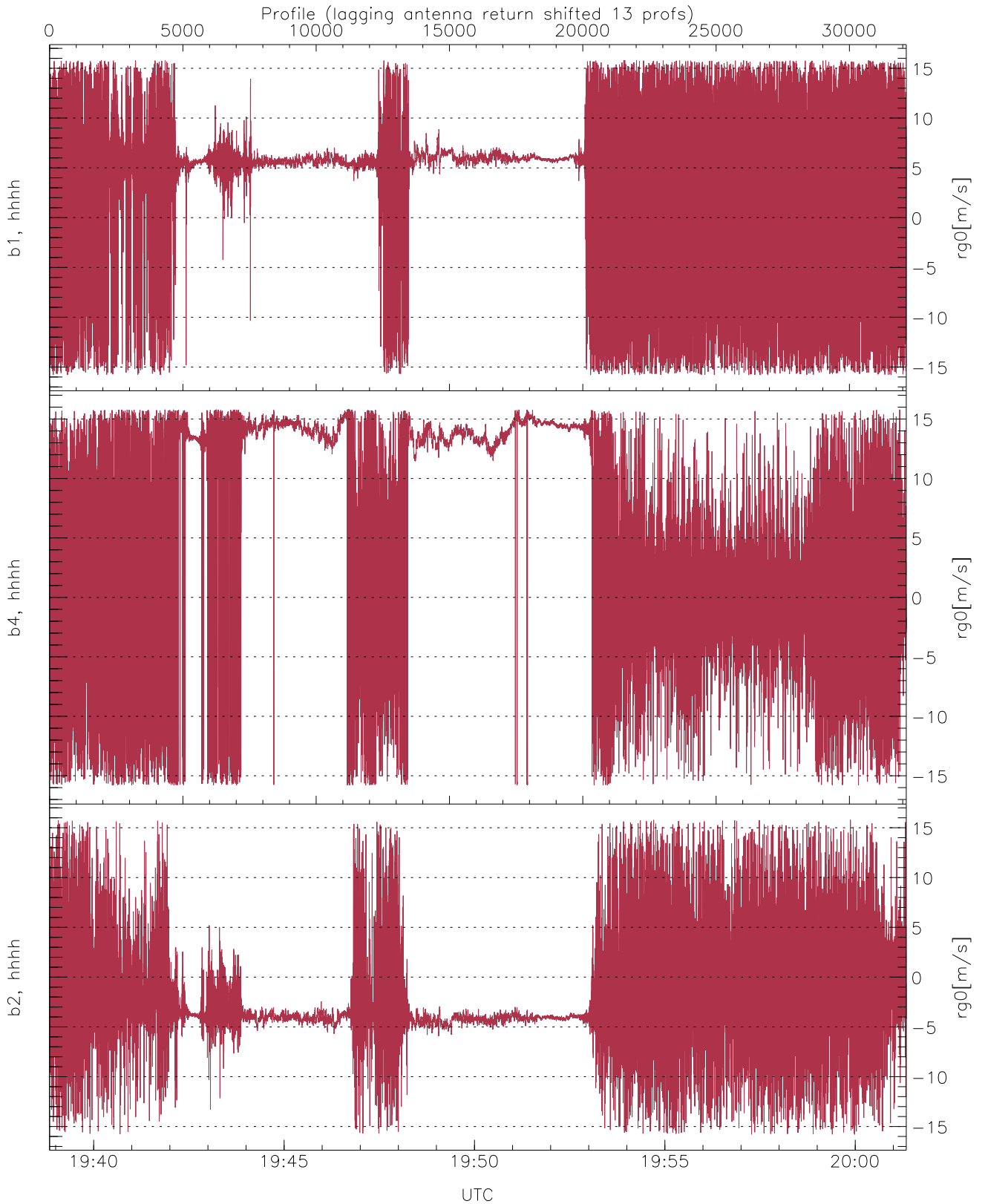
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|-------|--------|
| up(hh[dBm]) | -65.37 | -9.71 | -30.24 |
| down-aft(hh[dBm]) | -64.89 | -5.71 | -28.01 |
| down(hh[dBm]) | -64.10 | -4.63 | -25.53 |



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

| | Min | Max | Mean |
|-----------------------|--------|-------|-------|
| up/down(hh[dB]) | -24.80 | 25.52 | -0.87 |
| down/down-aft(hh[dB]) | -19.42 | 22.35 | 1.87 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -15.80 | 15.80 | 3.05 | 6.80 |
| b4, hhhh(rg0[m/s]) | -15.80 | 15.80 | 5.80 | 8.70 |
| b2, hhhh(rg0[m/s]) | -15.80 | 15.79 | -2.07 | 4.26 |