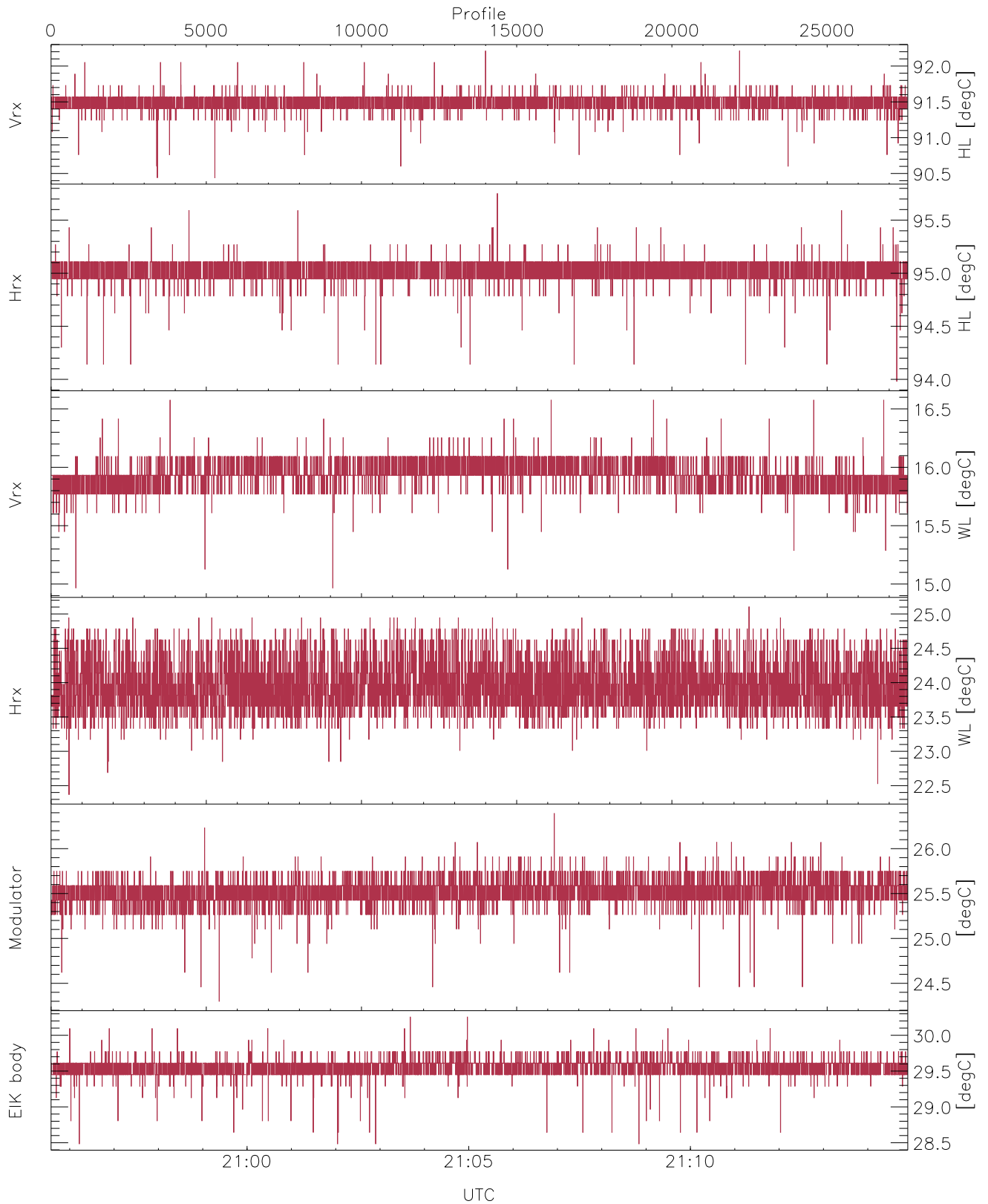


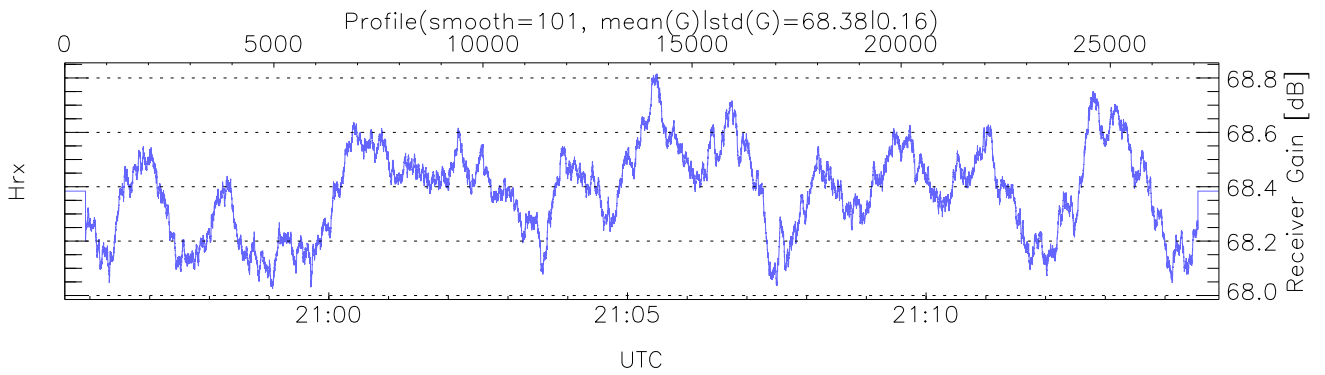
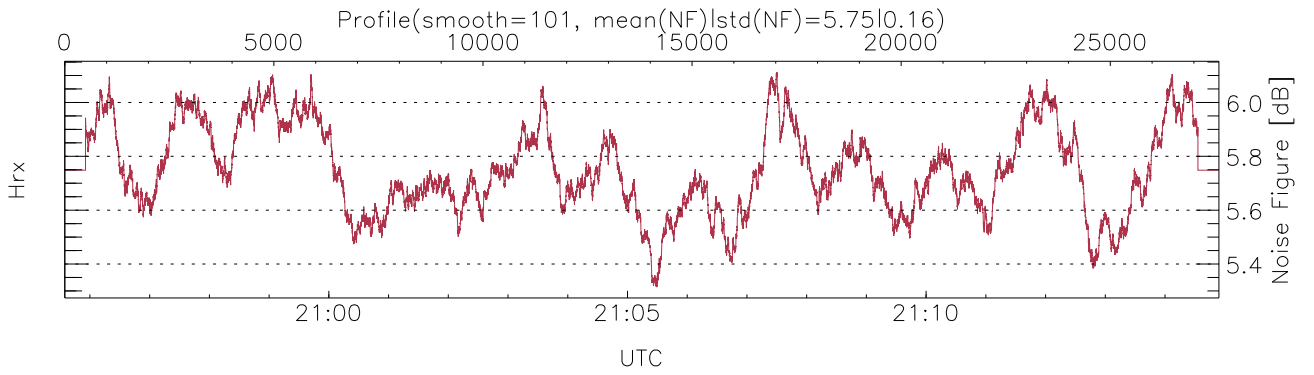
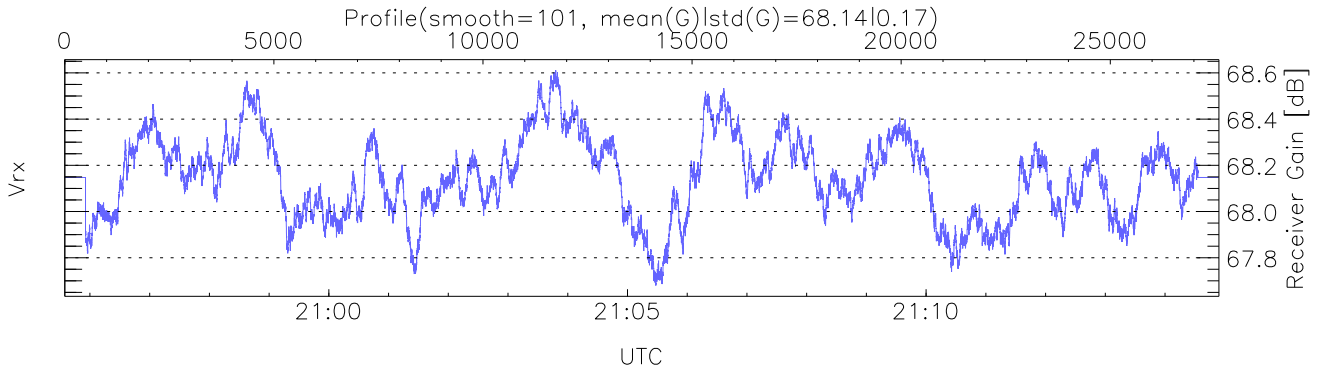
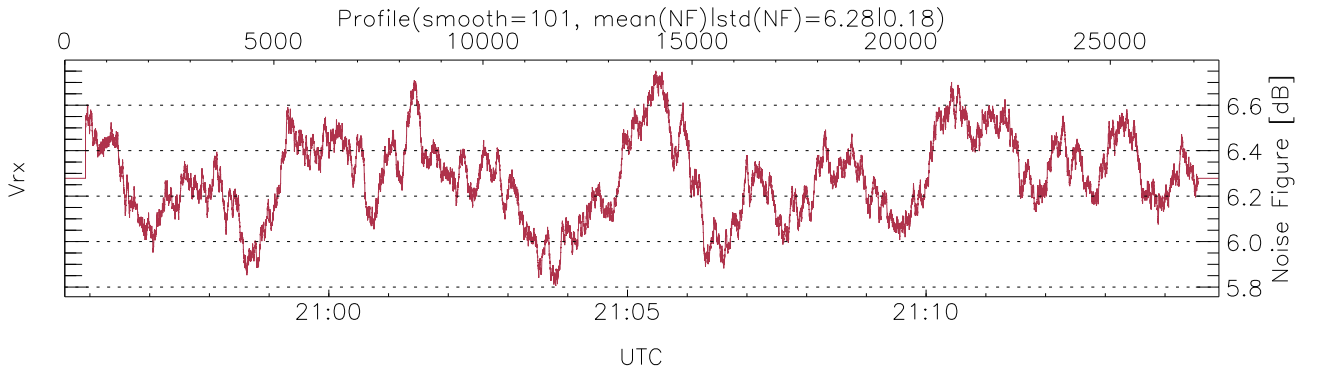
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

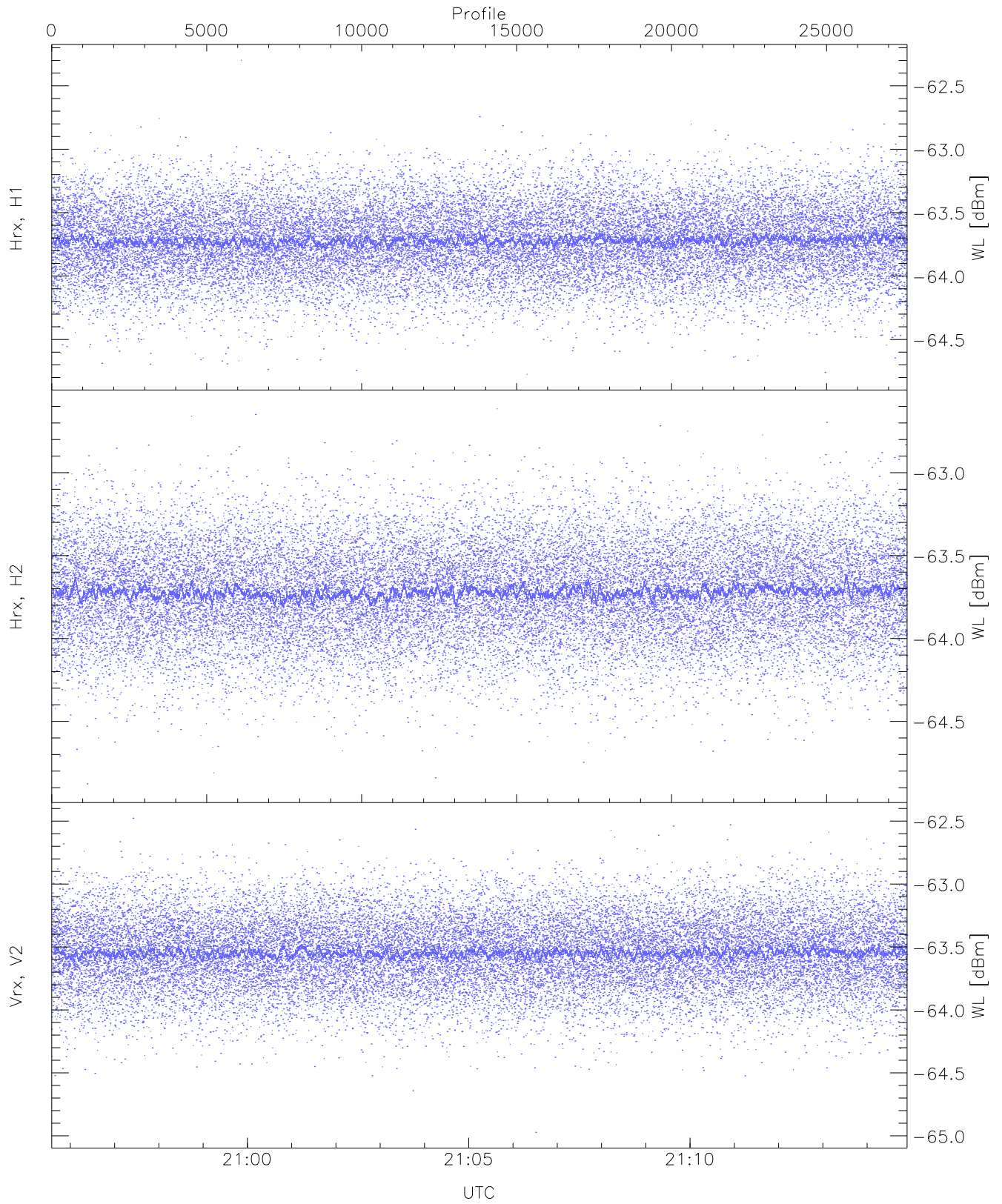
UTC: 20:55:35-21:20:52, Dur: 1516.92s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 27600/36109, 0-27599/20:55:35-21:14:54
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

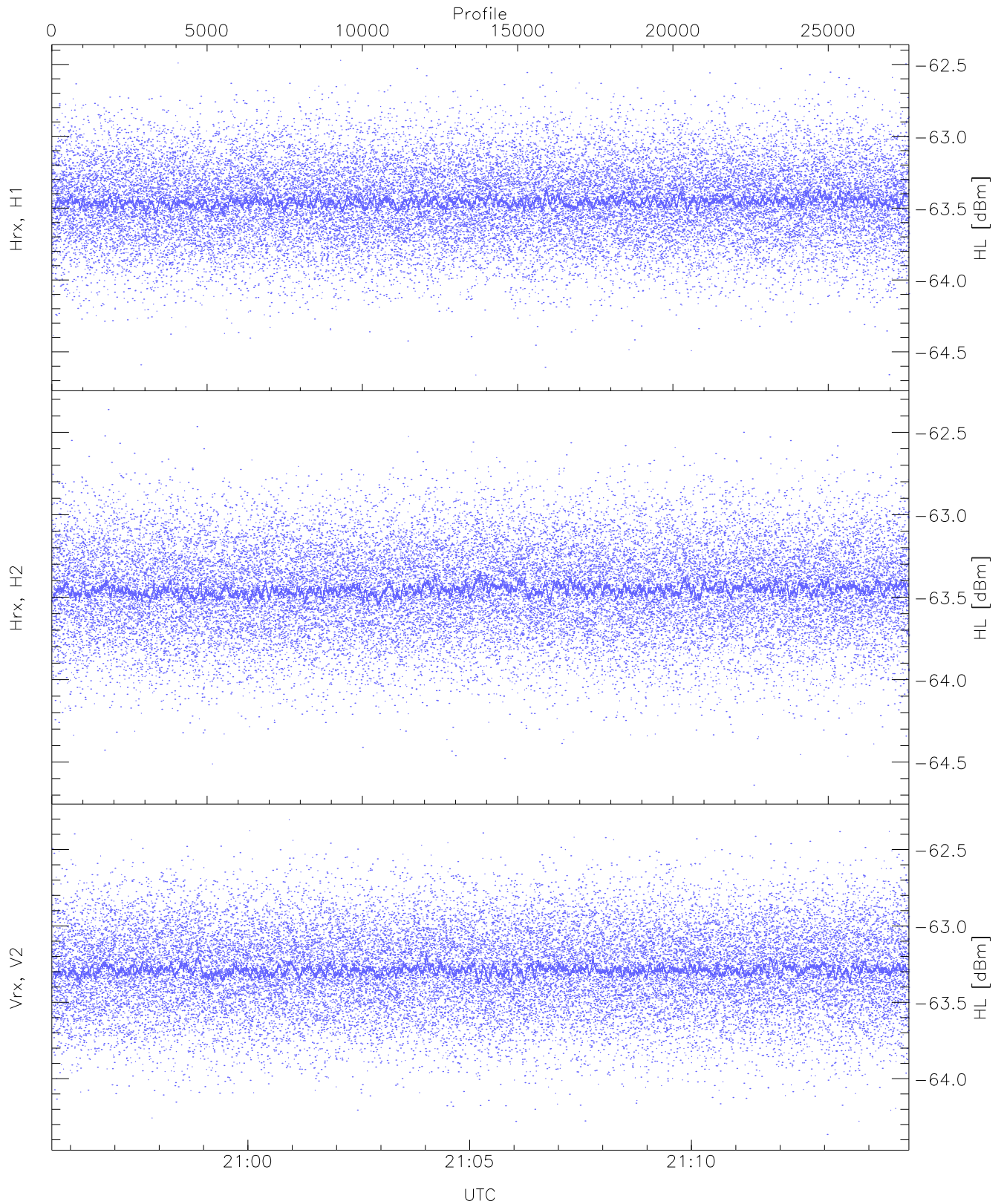
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,93,14,22,24,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,95,16,25,26,30
LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,50,0
EIK/Modulator Faults: None





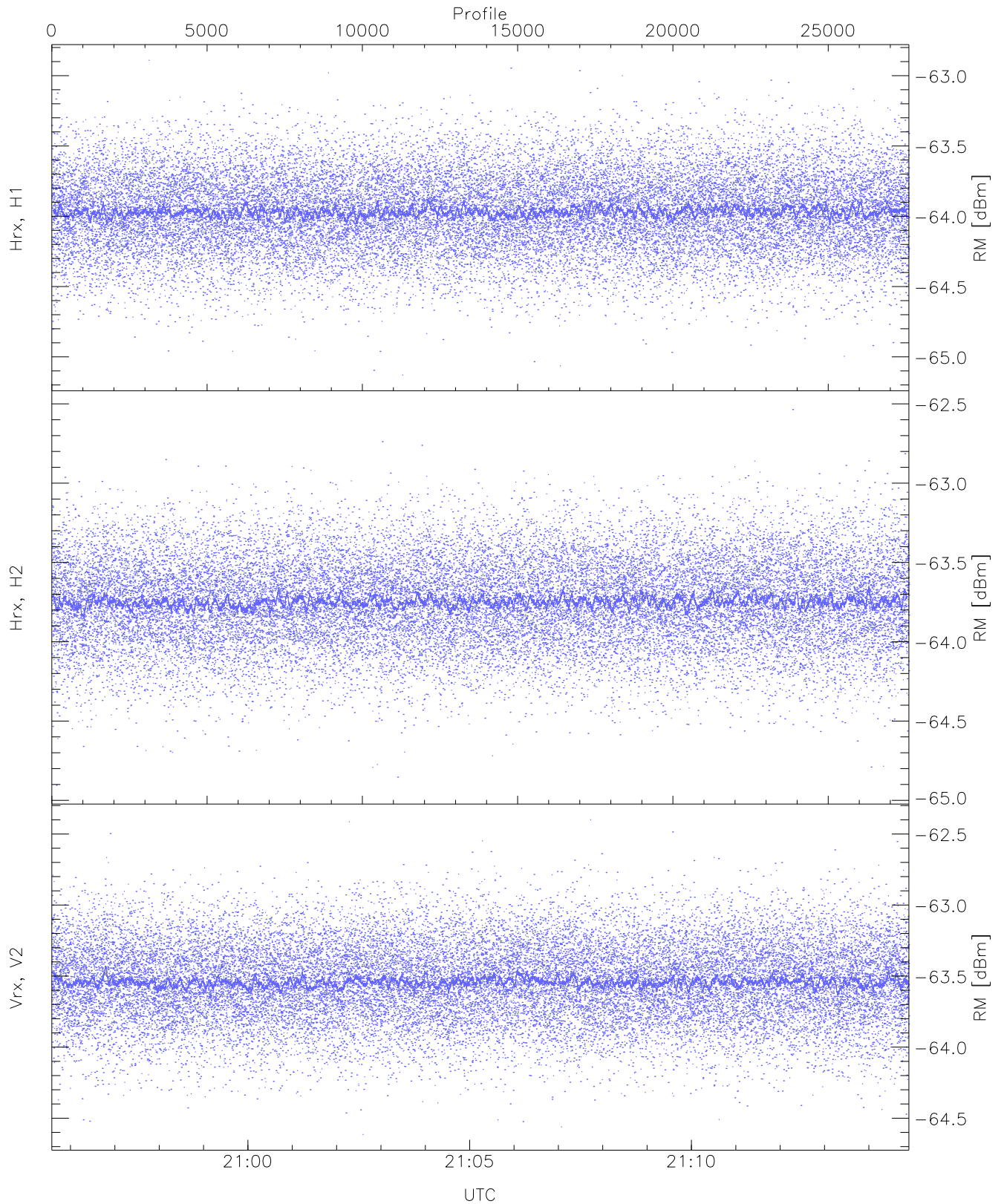
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.77 | -62.30 | -63.72 | -63.72 | -75.92 |
| Hrx, H2 (WL [dBm]) | -64.88 | -62.61 | -63.72 | -63.72 | -75.86 |
| Vrx, V2 (WL [dBm]) | -64.97 | -62.48 | -63.54 | -63.55 | -75.69 |



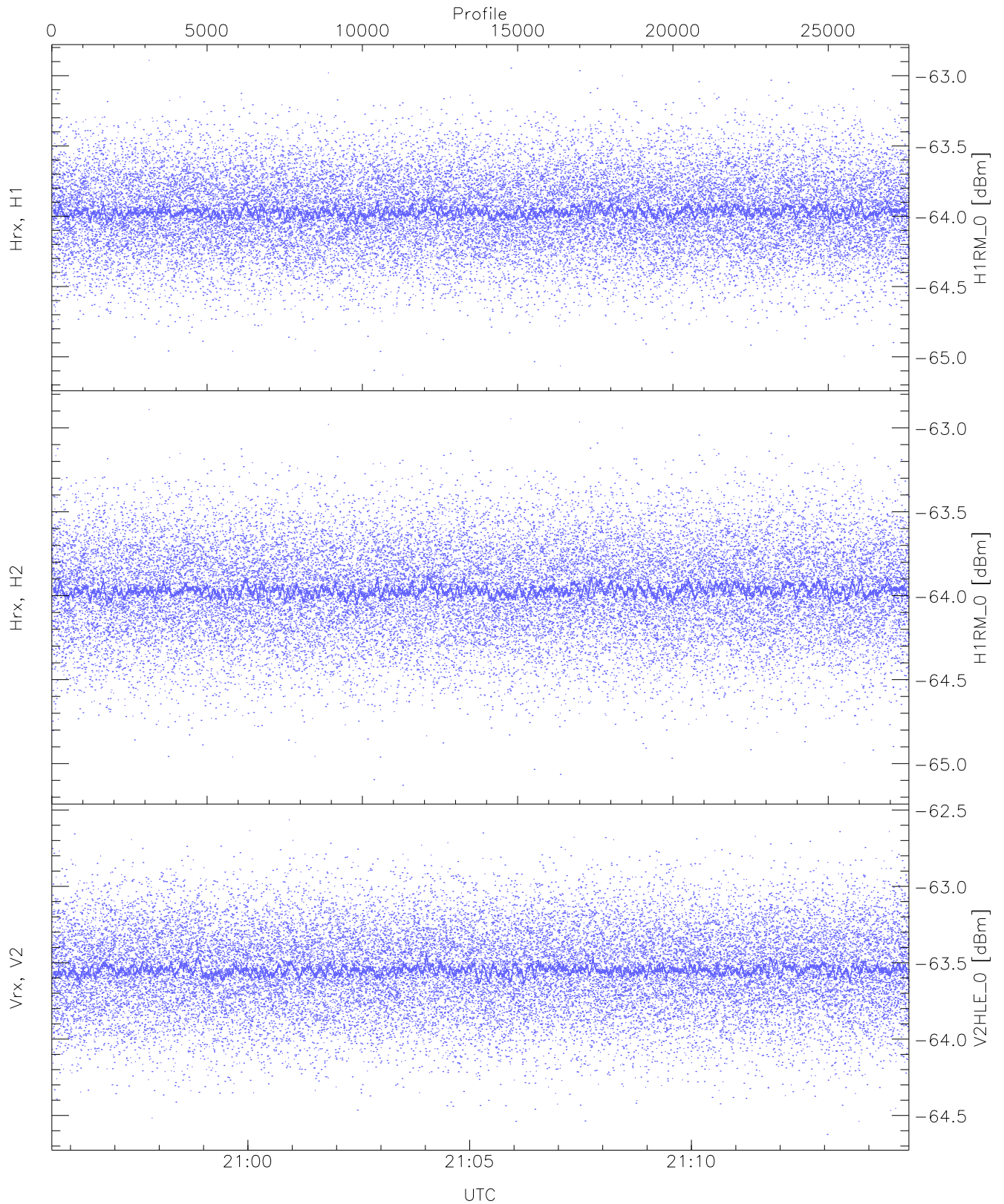
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.66 | -62.47 | -63.45 | -63.46 | -75.58 |
| Hrx, H2 (HL [dBm]) | -64.64 | -62.36 | -63.45 | -63.46 | -75.59 |
| Vrx, V2 (HL [dBm]) | -64.37 | -62.31 | -63.28 | -63.29 | -75.42 |



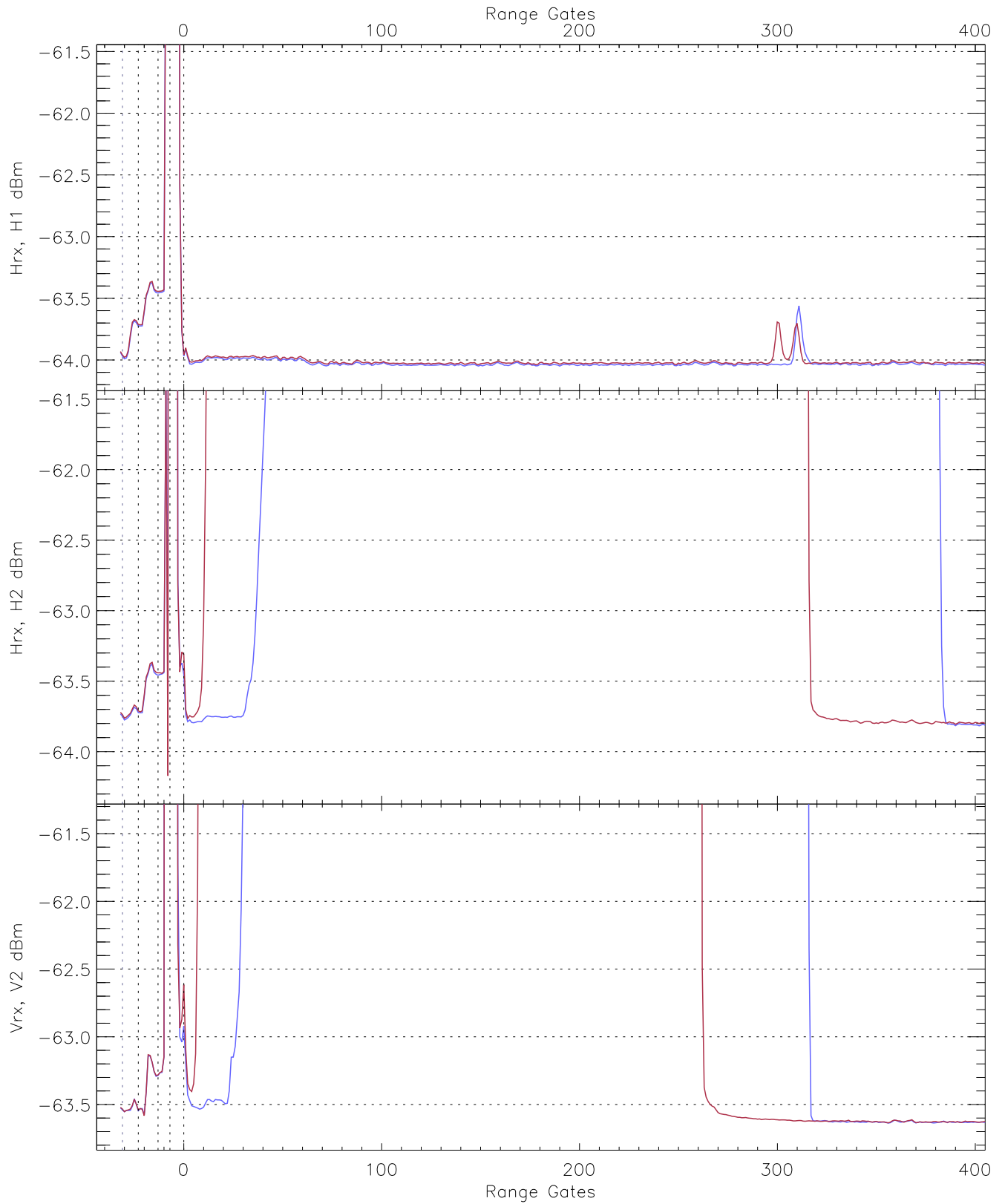
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -65.13 | -62.89 | -63.96 | -63.97 | -76.09 |
| Hrx, H2 (RM [dBm]) | -64.90 | -62.54 | -63.74 | -63.75 | -75.90 |
| Vrx, V2 (RM [dBm]) | -64.61 | -62.40 | -63.54 | -63.54 | -75.69 |

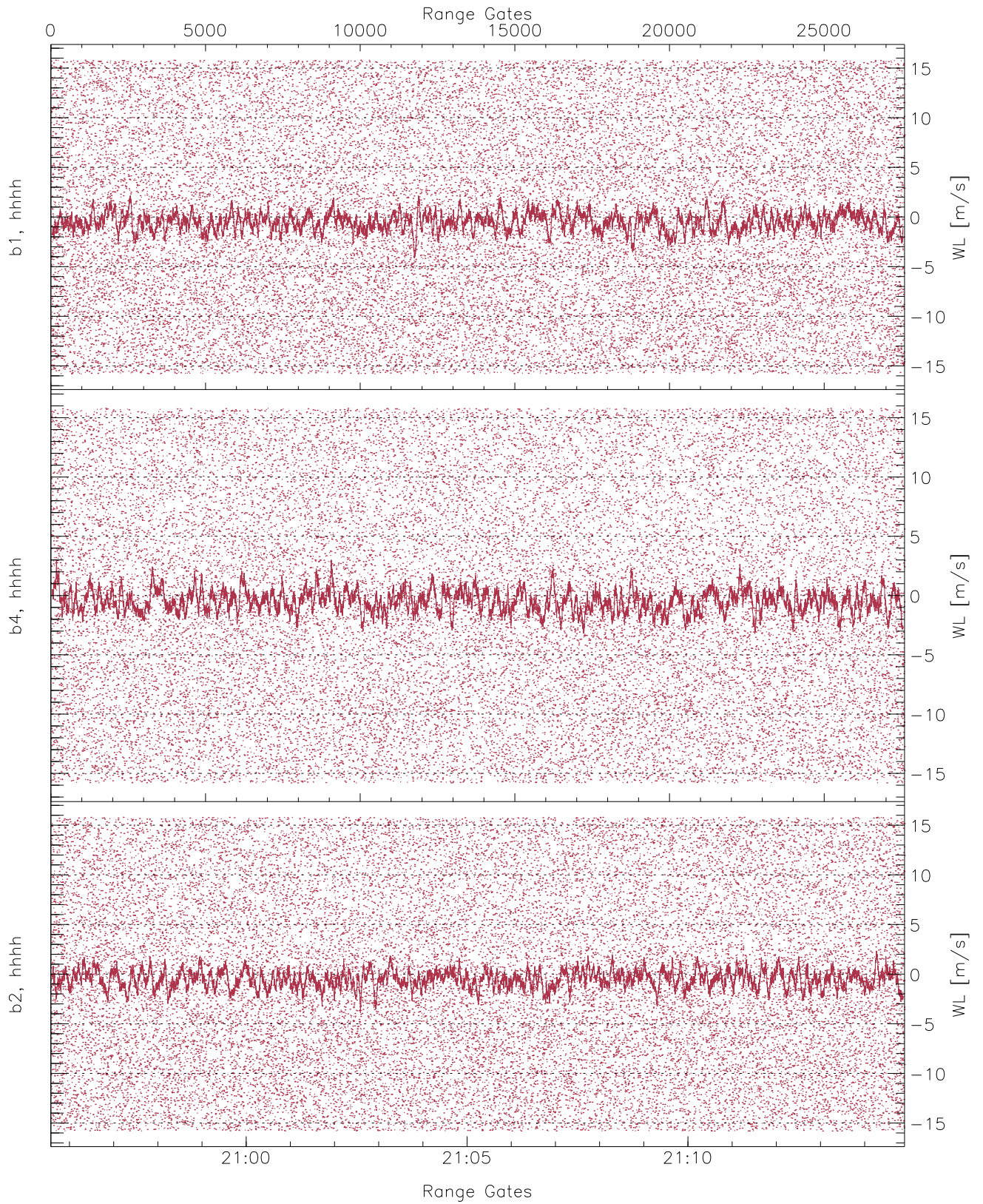


WCR2 CPP "Best" estimate Receivers Noise Power

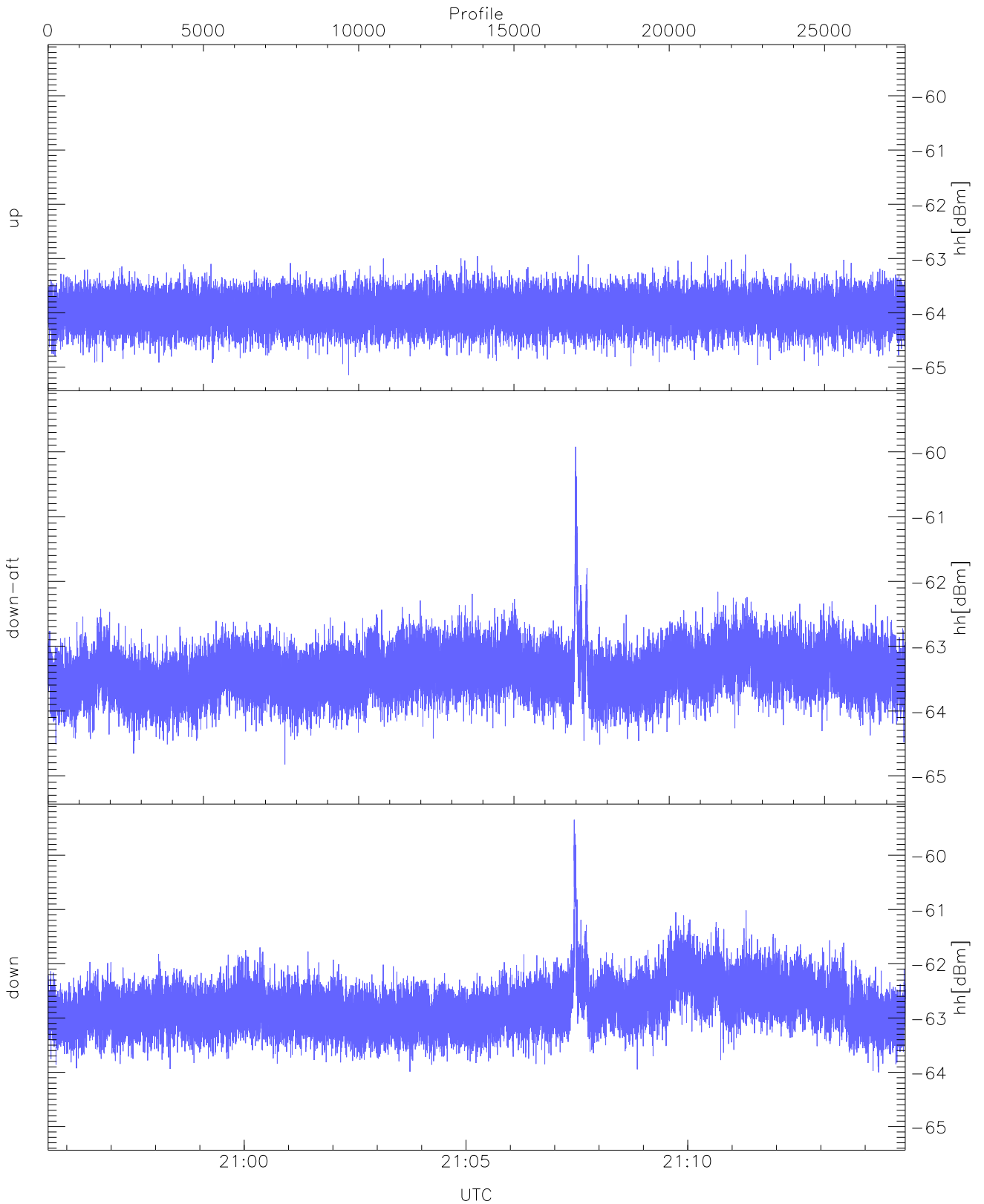
| | Min | Max | Mean | Median | StDev |
|---------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -65.13 | -62.89 | -63.96 | -63.97 | -76.09 |
| H1RM_0 [dBm] | -65.13 | -62.89 | -63.96 | -63.97 | -76.09 |
| V2HLE_0 [dBm] | -64.62 | -62.56 | -63.54 | -63.55 | -75.68 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 205535-210514, 13801 profiles averaged
red: 210514-211454, 13800 profiles averaged

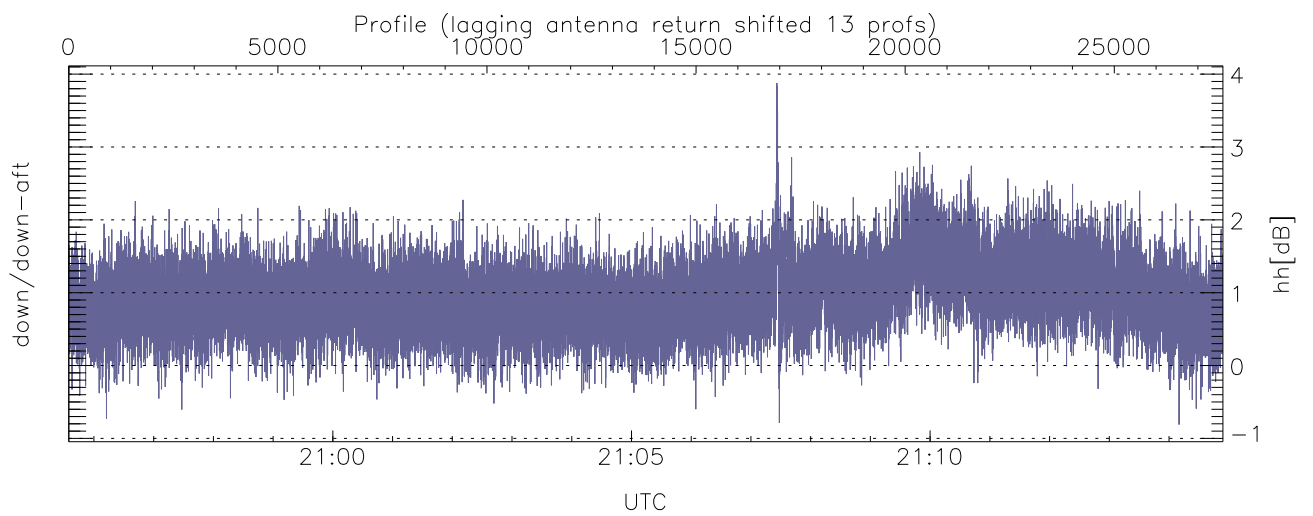
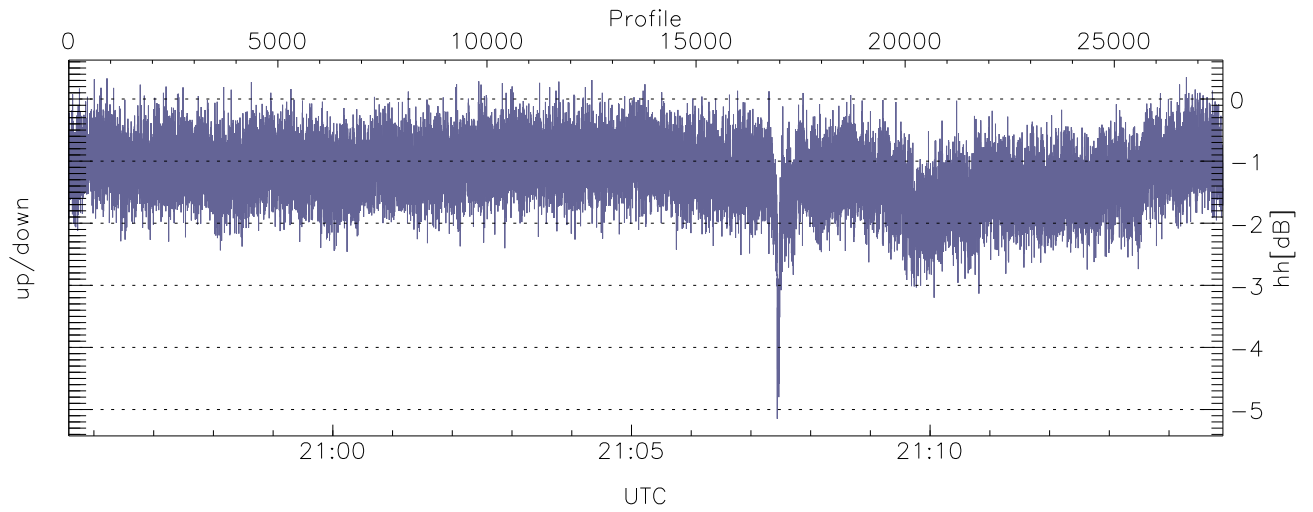


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



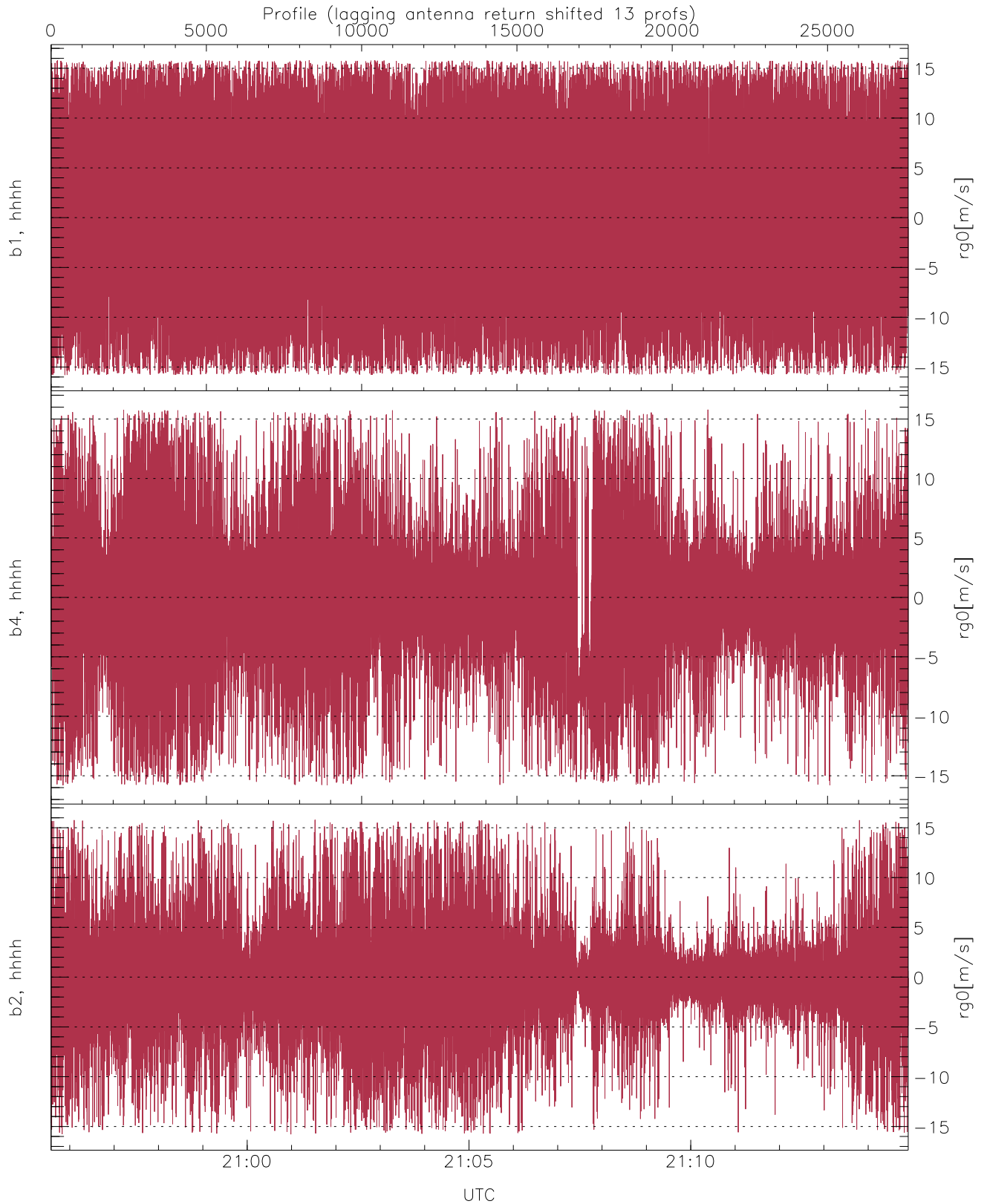
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|--------|--------|
| up(hh[dBm]) | -65.15 | -62.93 | -63.96 |
| down-aft(hh[dBm]) | -64.83 | -59.92 | -63.38 |
| down(hh[dBm]) | -64.00 | -59.35 | -62.76 |



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

| | Min | Max | Mean |
|-----------------------|-------|------|-------|
| up/down(hh[dB]) | -5.15 | 0.35 | -0.81 |
| down/down-aft(hh[dB]) | -0.81 | 3.88 | 0.95 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b1, hhhh(rg0[m/s]) | -15.80 | 15.80 | 0.28 | 8.35 |
| b4, hhhh(rg0[m/s]) | -15.80 | 15.79 | -0.46 | 4.89 |
| b2, hhhh(rg0[m/s]) | -15.79 | 15.79 | -0.30 | 4.28 |