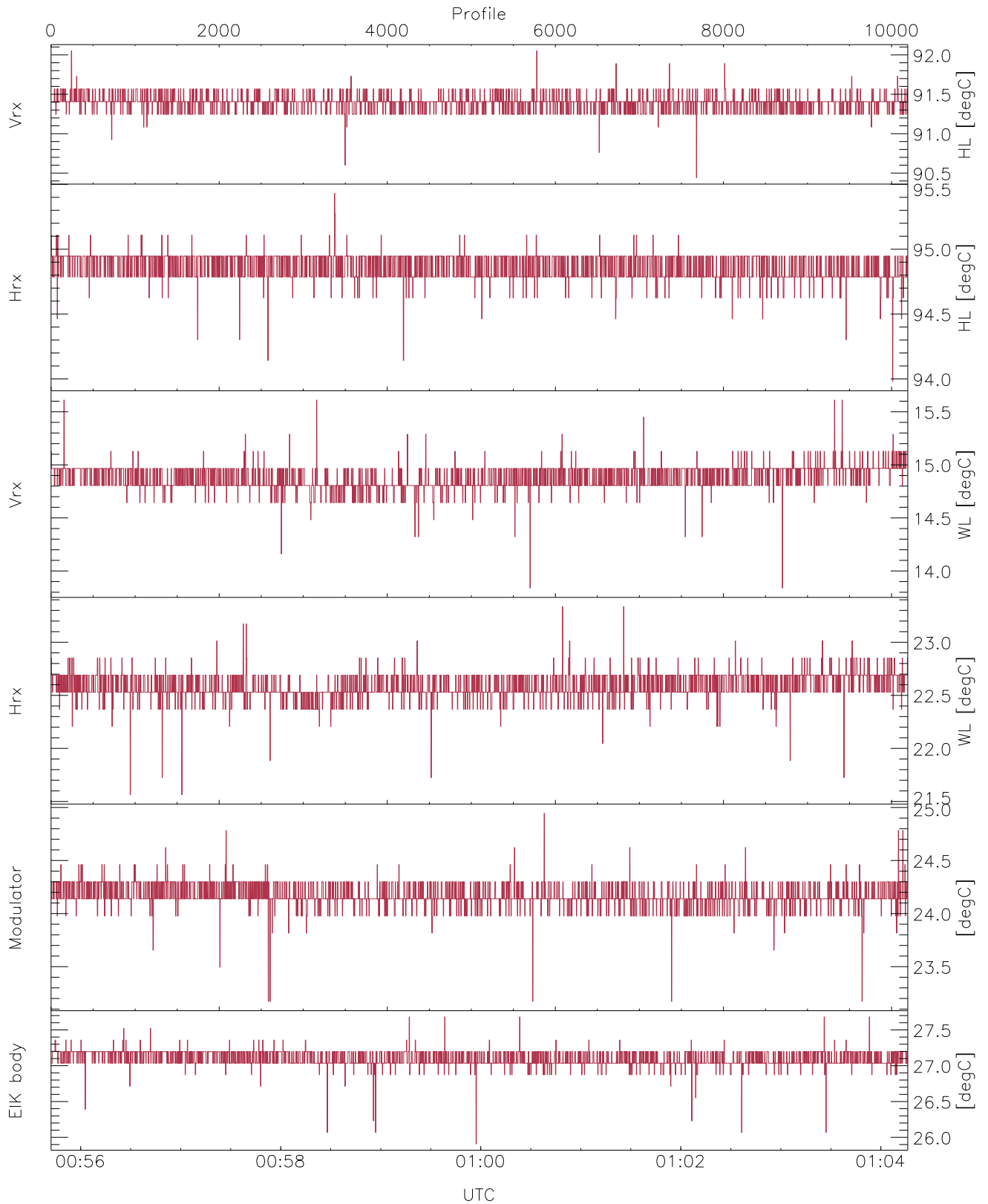


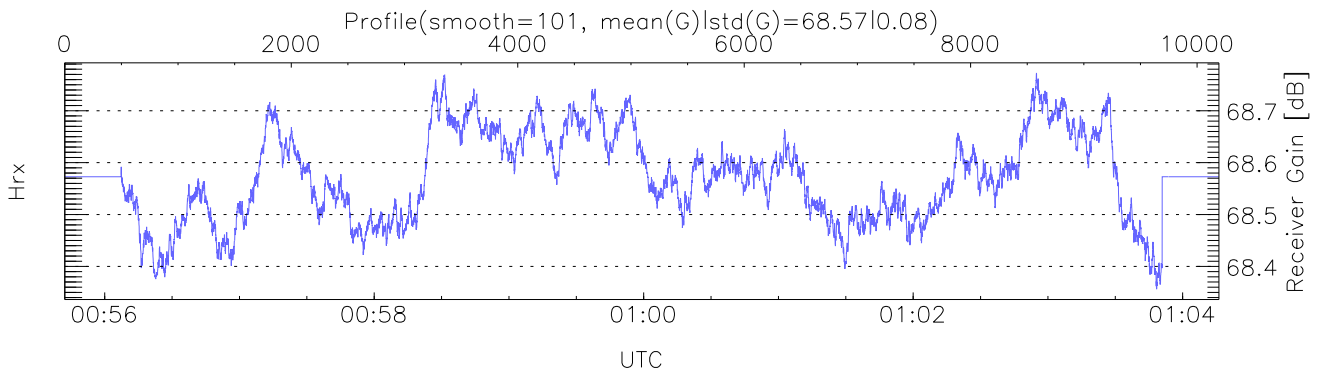
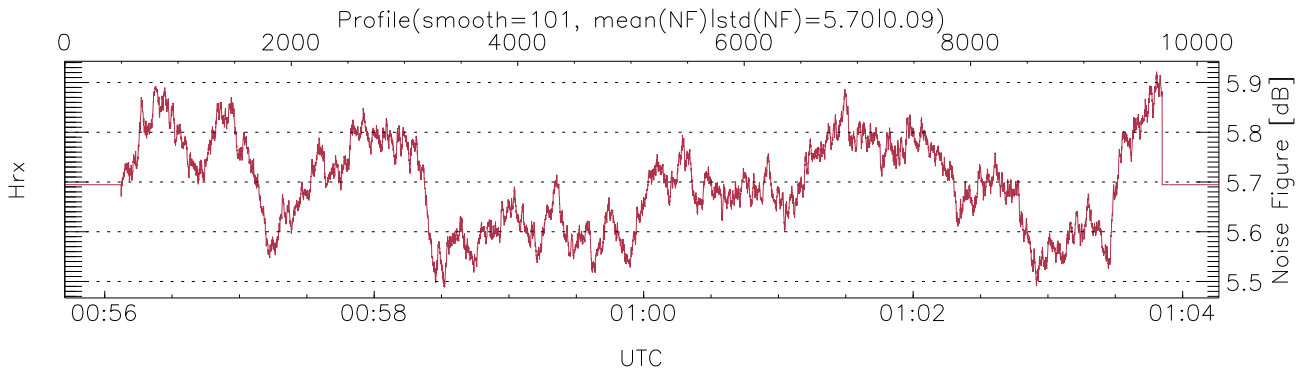
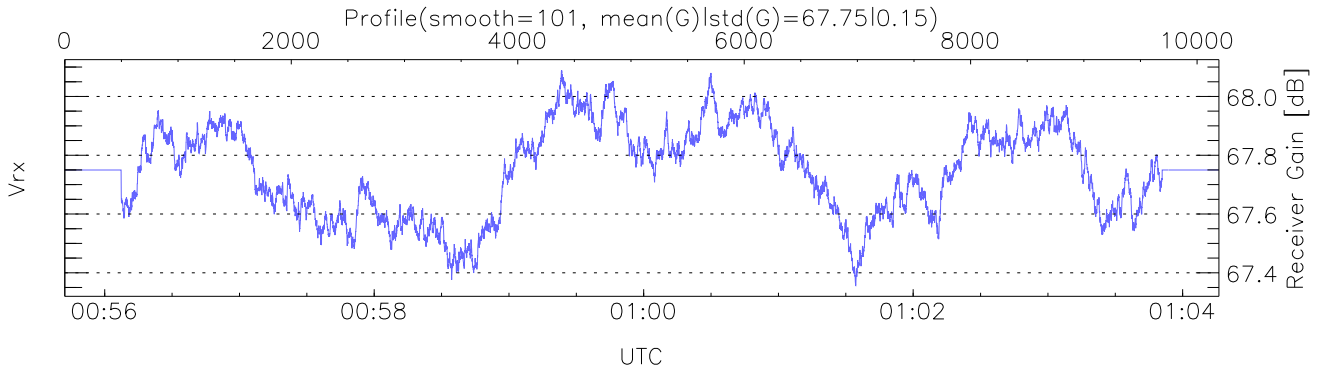
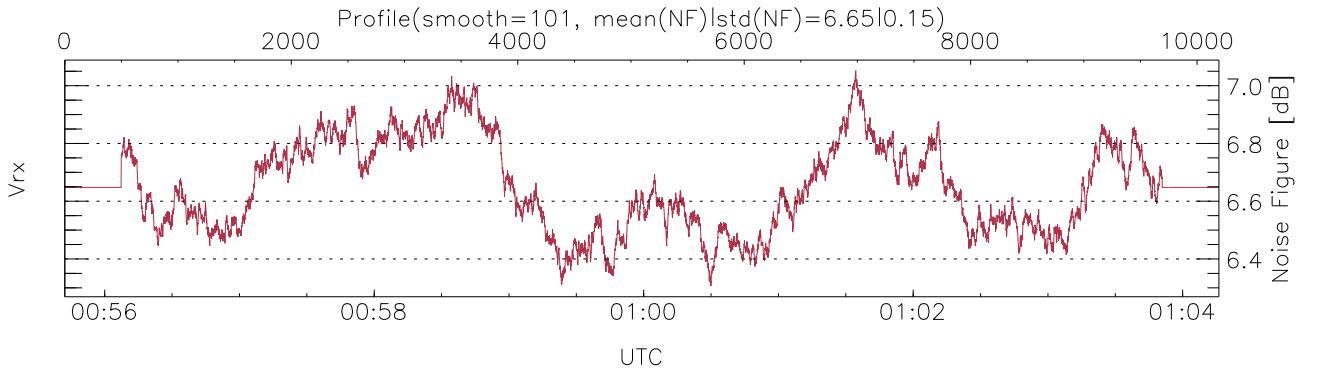
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

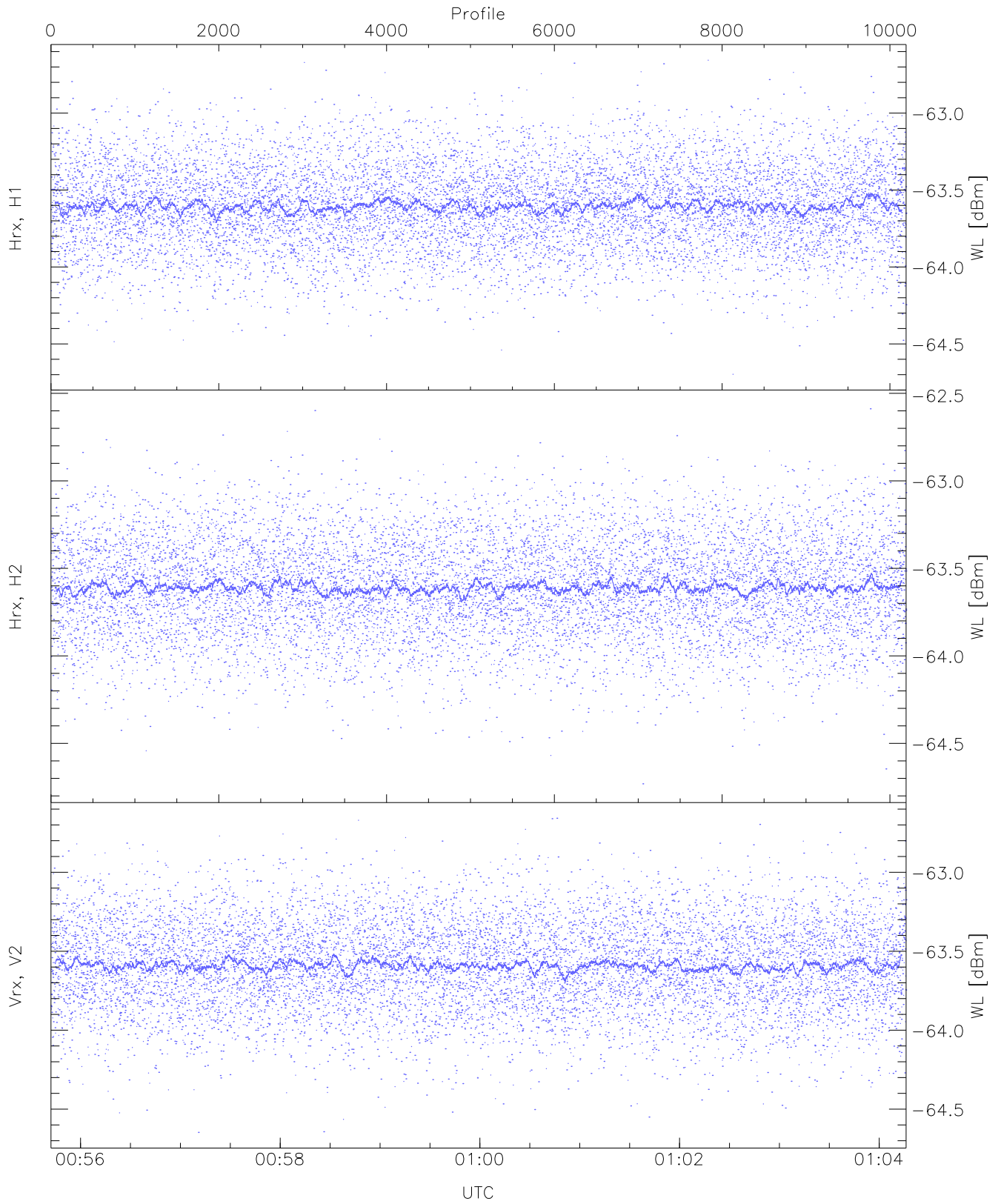
UTC: 00:55:42-01:04:16, Dur: 513.94s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 10194/10194, 0-10193/00:55:42-01:04:16
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 16.7 16.7 16.7 16.7 16.7 KHz, IGS: 60us
 Range(min,max,rgs): 105,7689,15.0 m, Gates: 506, Aspect: 2.6



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

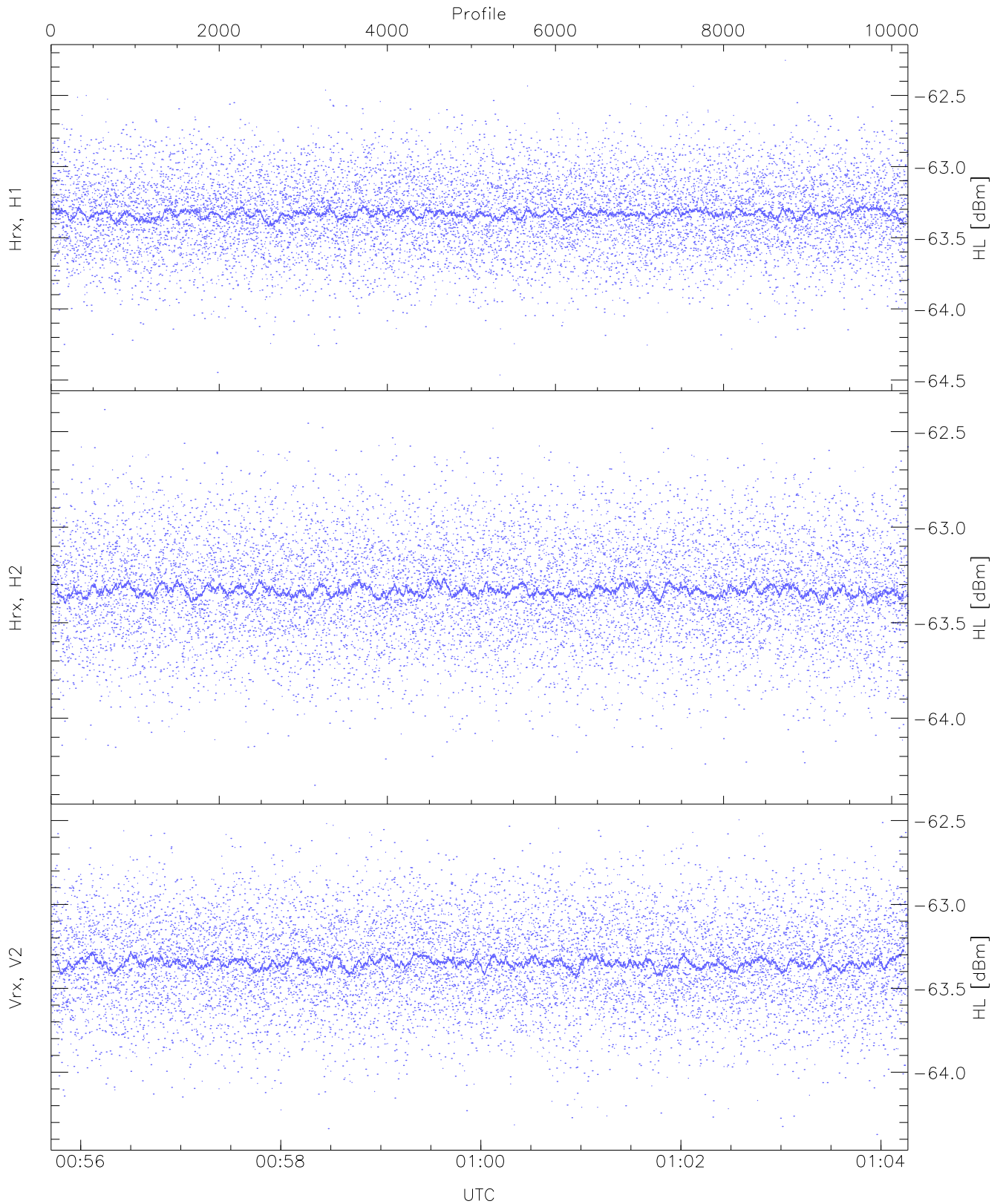
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,93,13,21,23,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,95,15,23,24,27
LOalarm(20,80,240,2.8,14.8 MHz): 11,0,0,16,0
EIK/Modulator Faults: None





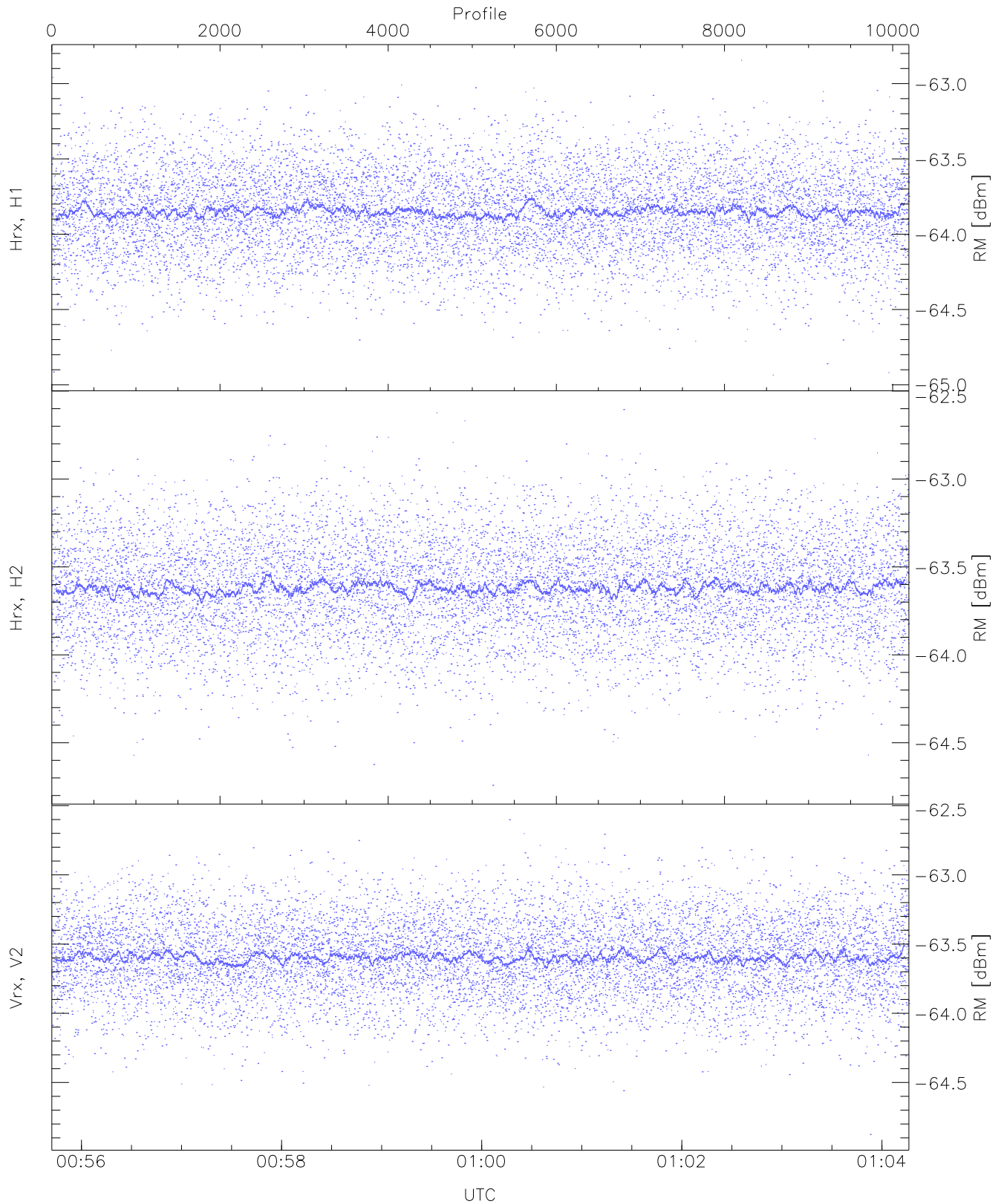
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.70 | -62.66 | -63.60 | -63.61 | -75.79 |
| Hrx, H2 (WL [dBm]) | -64.73 | -62.59 | -63.60 | -63.61 | -75.72 |
| Vrx, V2 (WL [dBm]) | -64.65 | -62.66 | -63.59 | -63.59 | -75.67 |



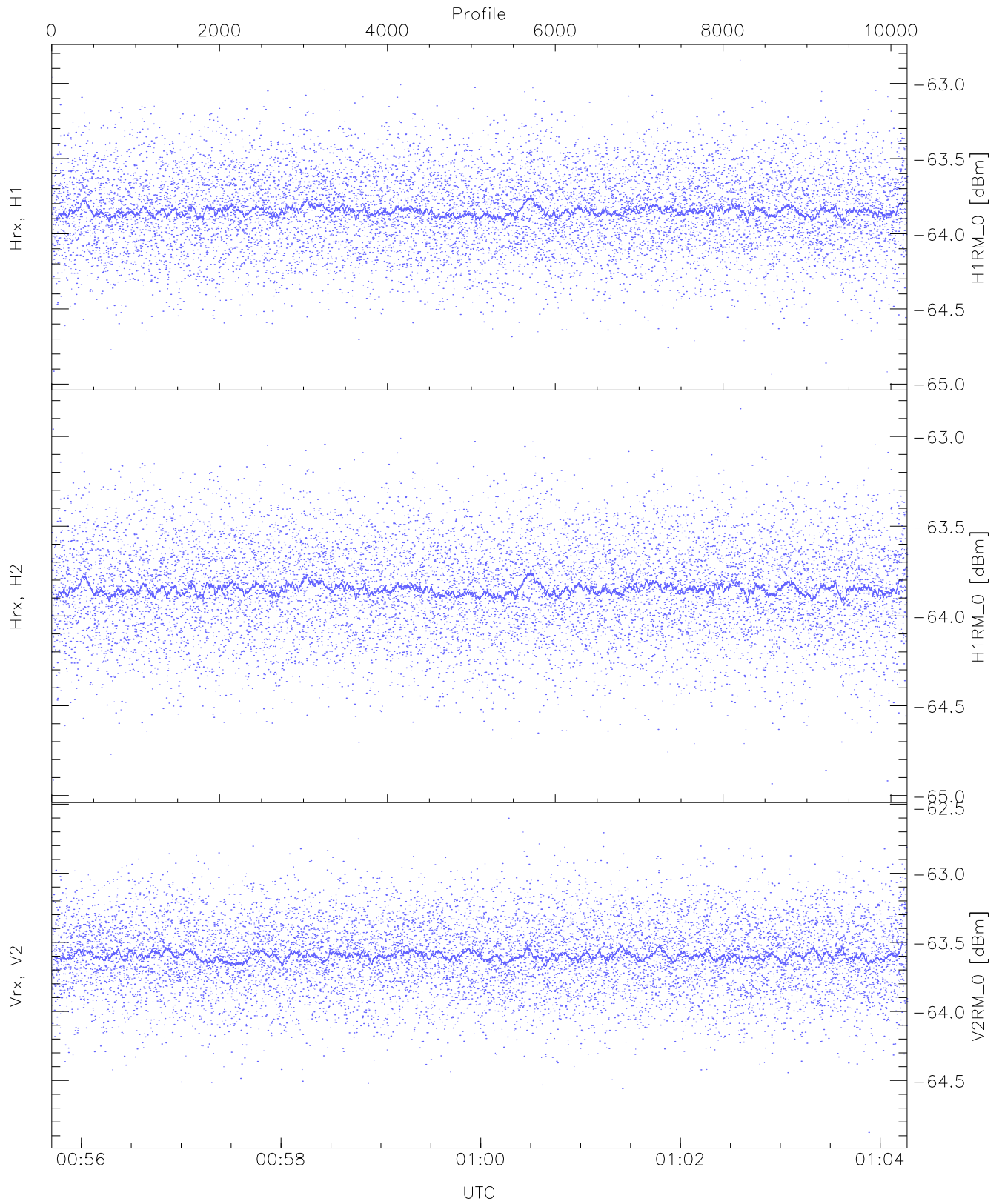
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.46 | -62.25 | -63.33 | -63.33 | -75.46 |
| Hrx, H2 (HL [dBm]) | -64.35 | -62.38 | -63.33 | -63.33 | -75.51 |
| Vrx, V2 (HL [dBm]) | -64.37 | -62.50 | -63.34 | -63.35 | -75.51 |



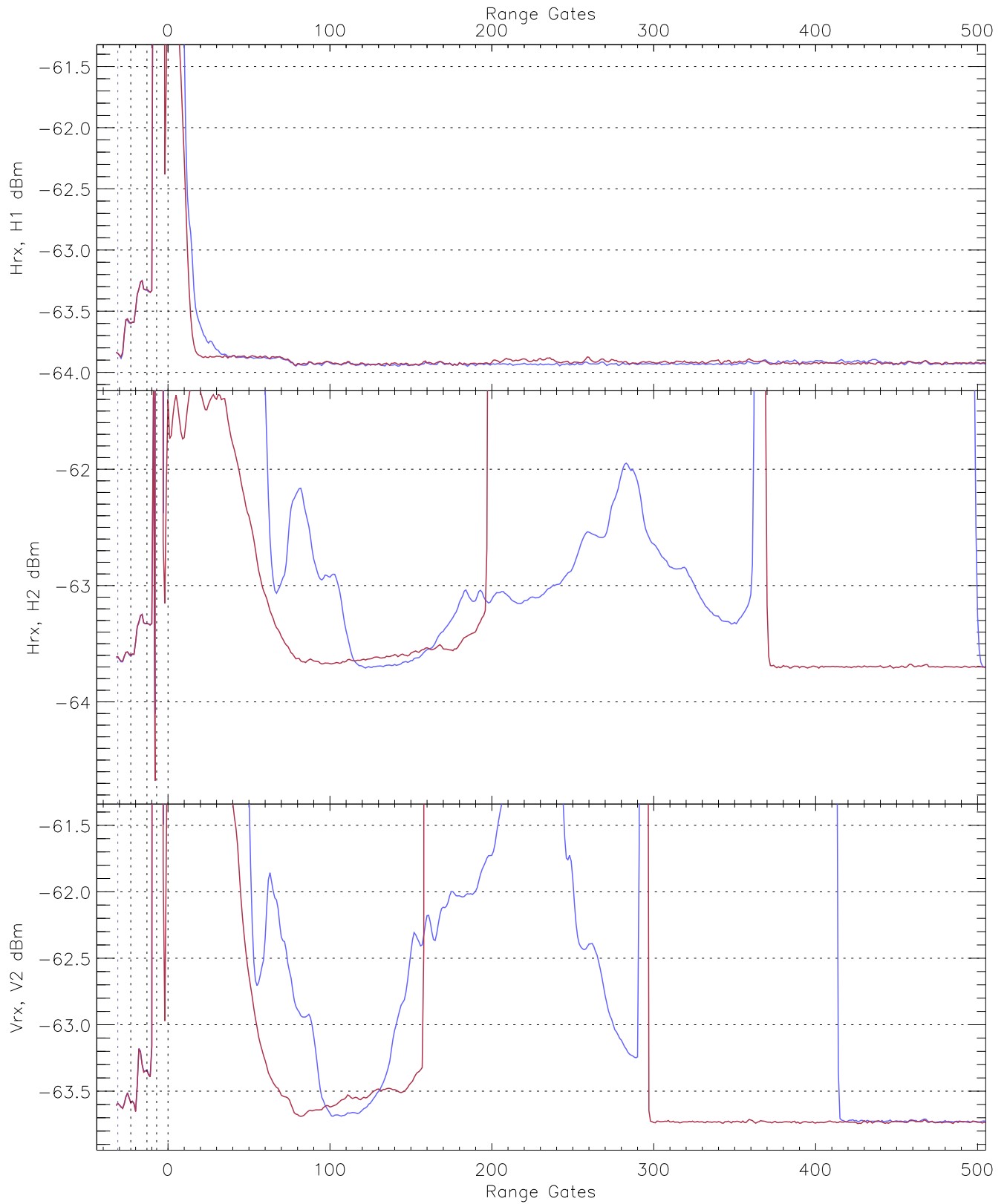
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -64.93 | -62.85 | -63.85 | -63.85 | -76.01 |
| Hrx, H2 (RM [dBm]) | -64.74 | -62.60 | -63.61 | -63.62 | -75.78 |
| Vrx, V2 (RM [dBm]) | -64.88 | -62.60 | -63.59 | -63.60 | -75.74 |

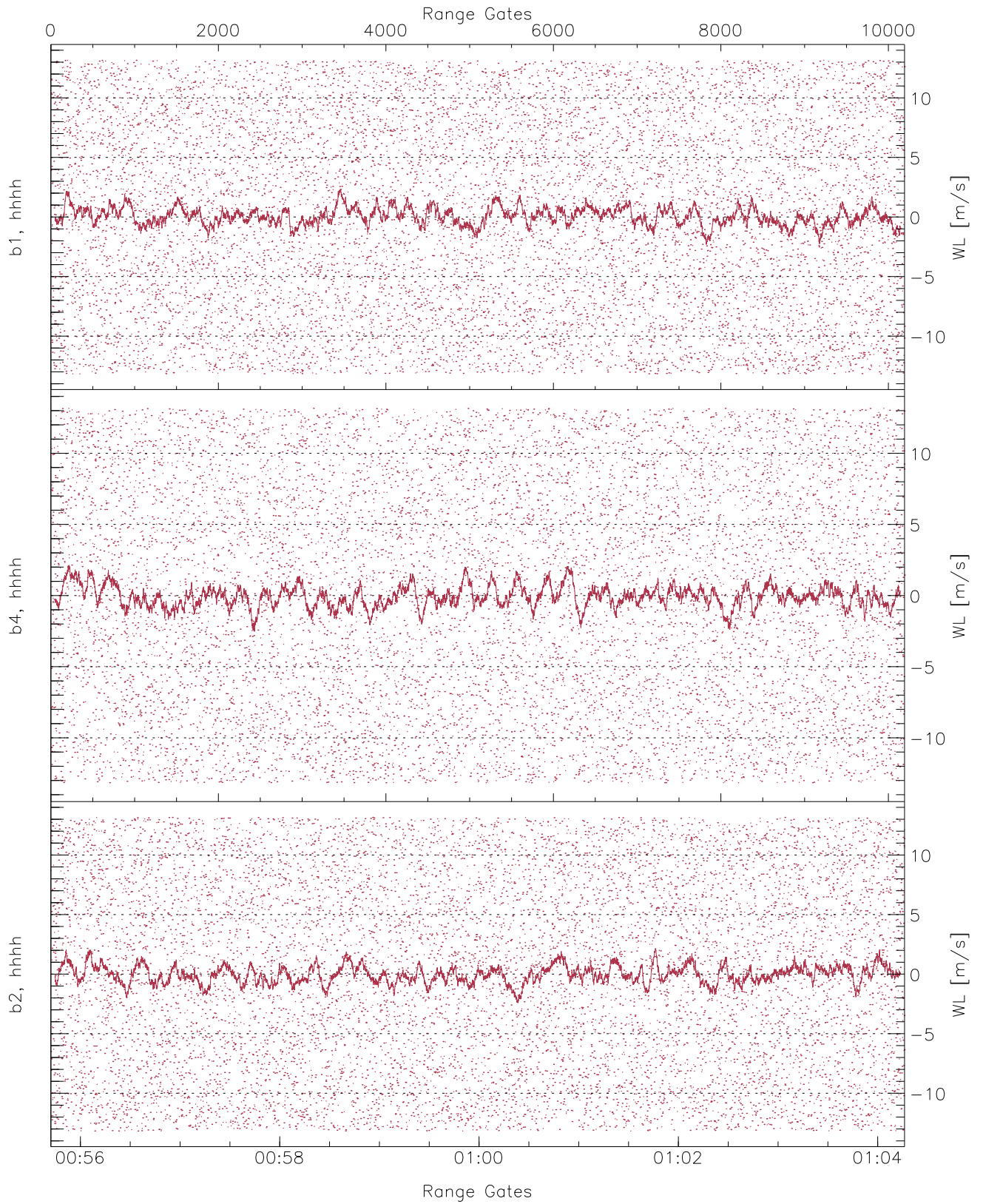


WCR2 CPP "Best" estimate Receivers Noise Power

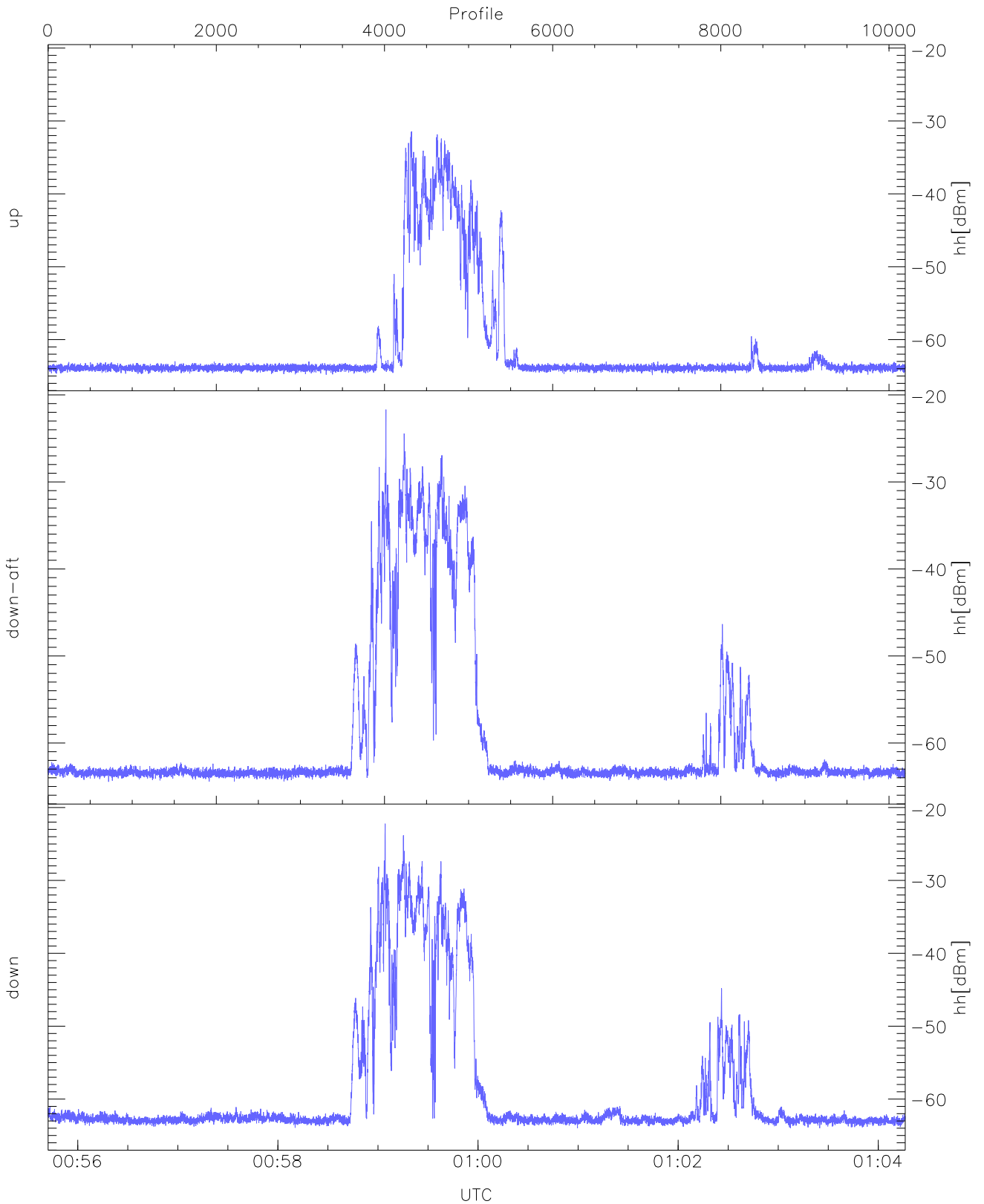
| | Min | Max | Mean | Median | StDev |
|--------------|--------|--------|--------|--------|--------|
| H1RM_0 [dBm] | -64.93 | -62.85 | -63.85 | -63.85 | -76.01 |
| H1RM_0 [dBm] | -64.93 | -62.85 | -63.85 | -63.85 | -76.01 |
| V2RM_0 [dBm] | -64.88 | -62.60 | -63.59 | -63.60 | -75.74 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 005542-5959, 5098 profiles averaged
red: 5959-010416, 5097 profiles averaged

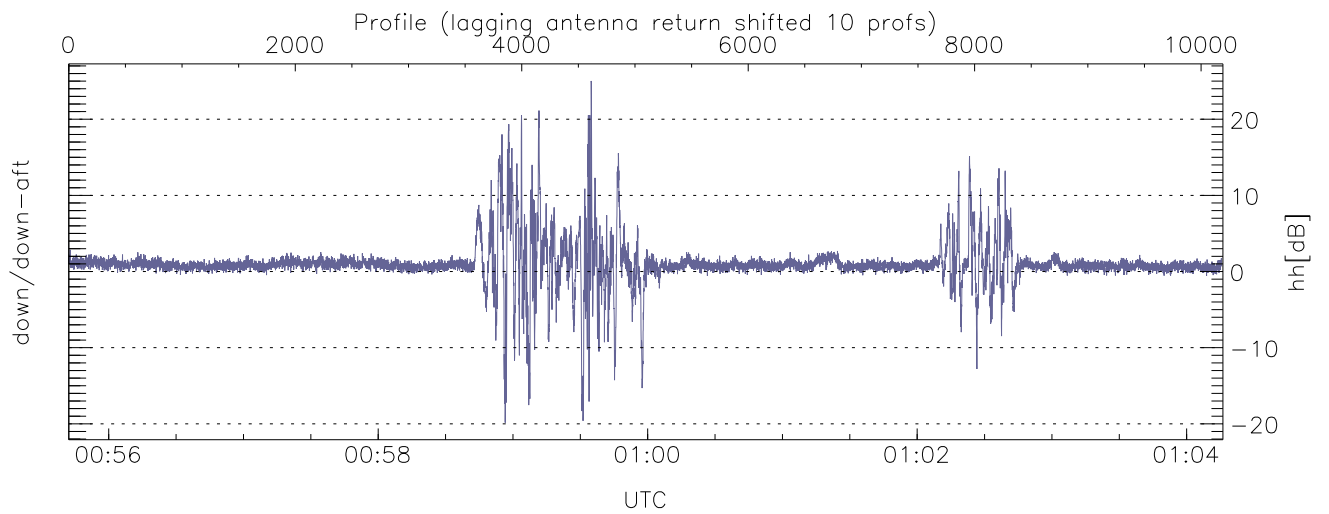
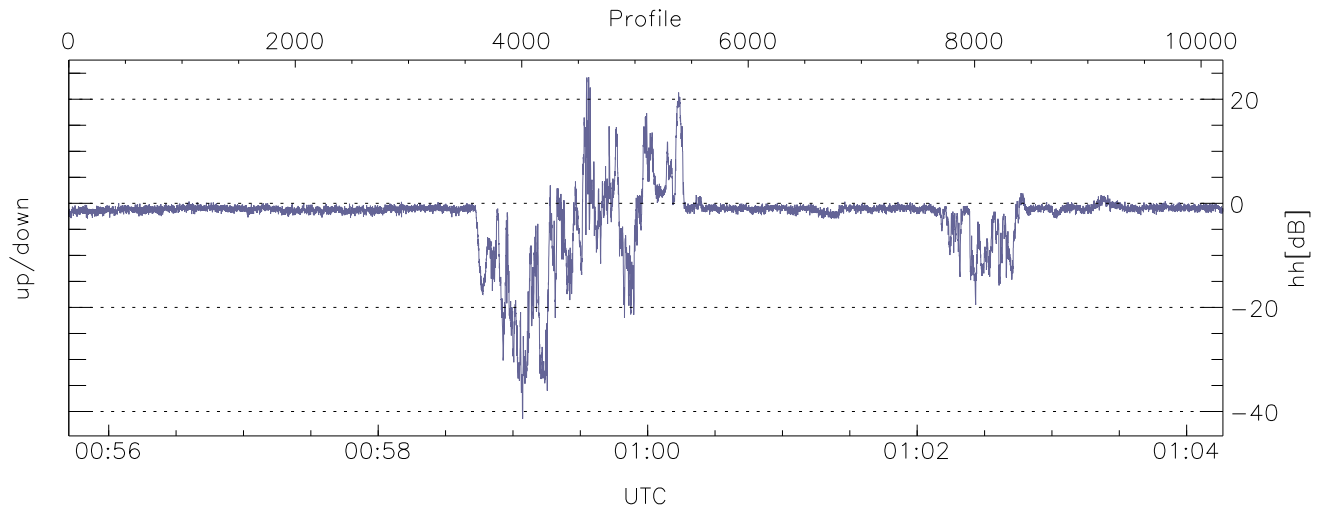


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



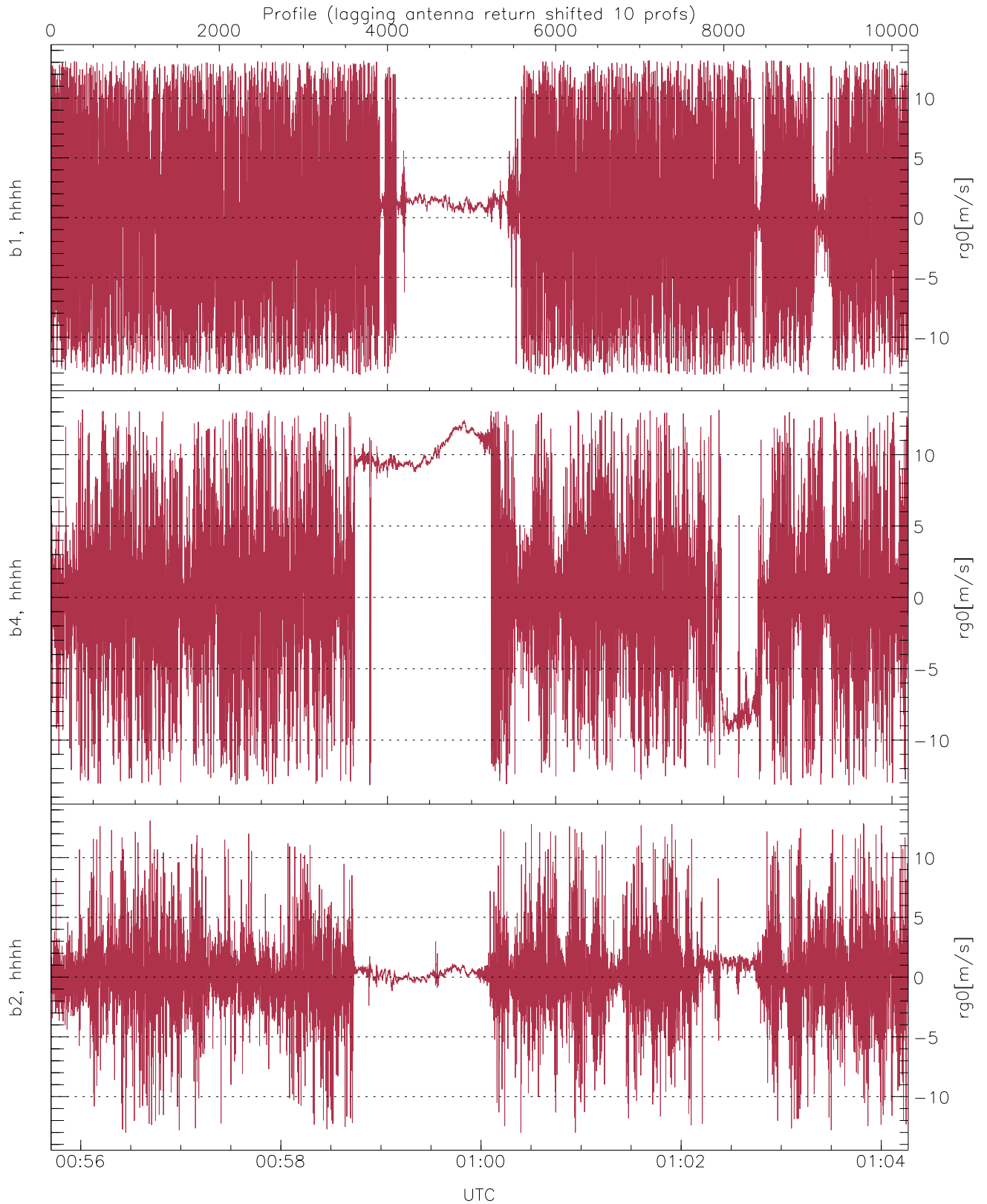
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|-------------------|--------|--------|--------|
| up(hh[dBm]) | -64.86 | -31.43 | -49.47 |
| down-aft(hh[dBm]) | -64.45 | -21.68 | -43.28 |
| down(hh[dBm]) | -64.01 | -22.21 | -43.09 |



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

| | Min | Max | Mean |
|-----------------------|--------|-------|-------|
| up/down(hh[dB]) | -41.40 | 24.24 | -1.86 |
| down/down-aft(hh[dB]) | -19.84 | 25.03 | 1.00 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|------|-------|
| b1, hhhh(rg0[m/s]) | -13.17 | 13.16 | 0.34 | 6.66 |
| b4, hhhh(rg0[m/s]) | -13.16 | 13.16 | 1.30 | 6.15 |
| b2, hhhh(rg0[m/s]) | -13.03 | 13.09 | 0.14 | 2.91 |