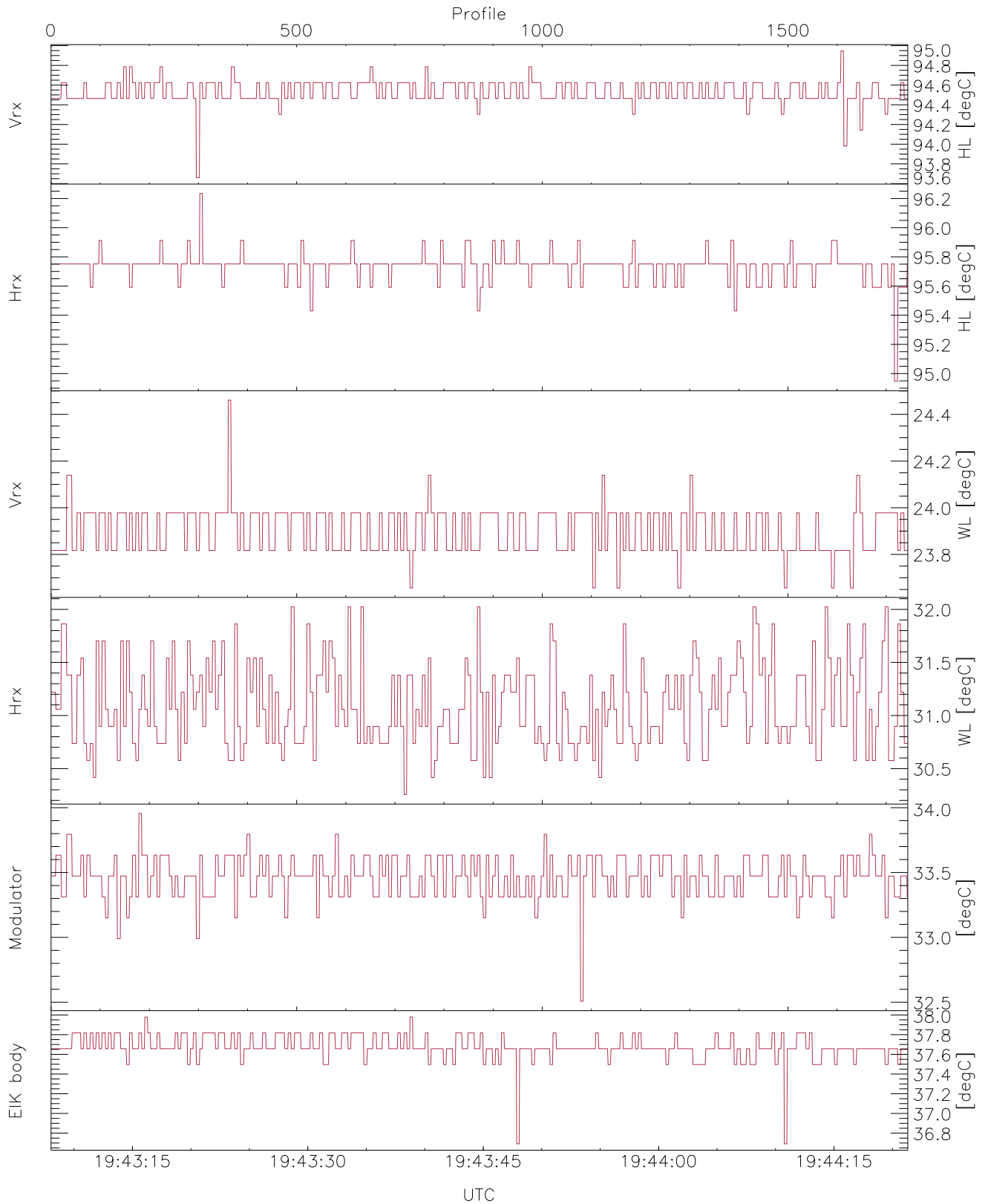


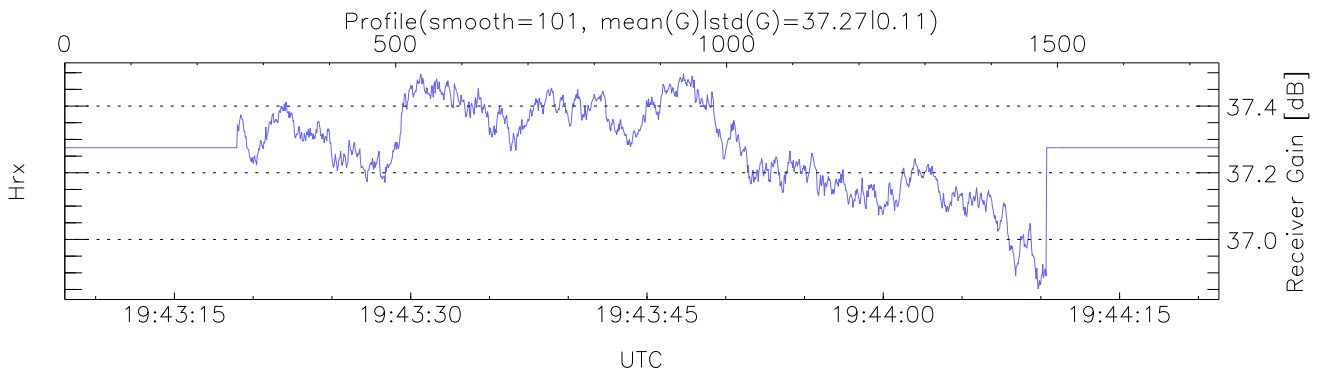
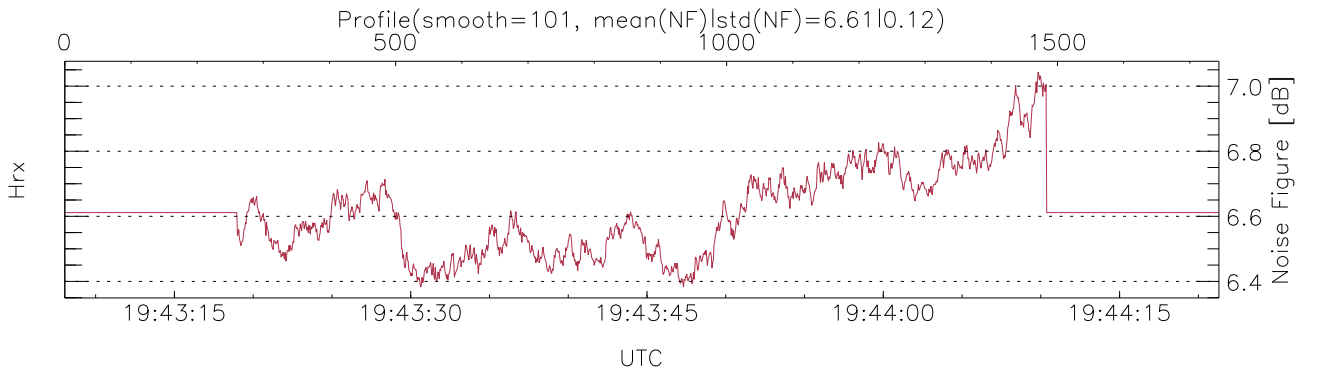
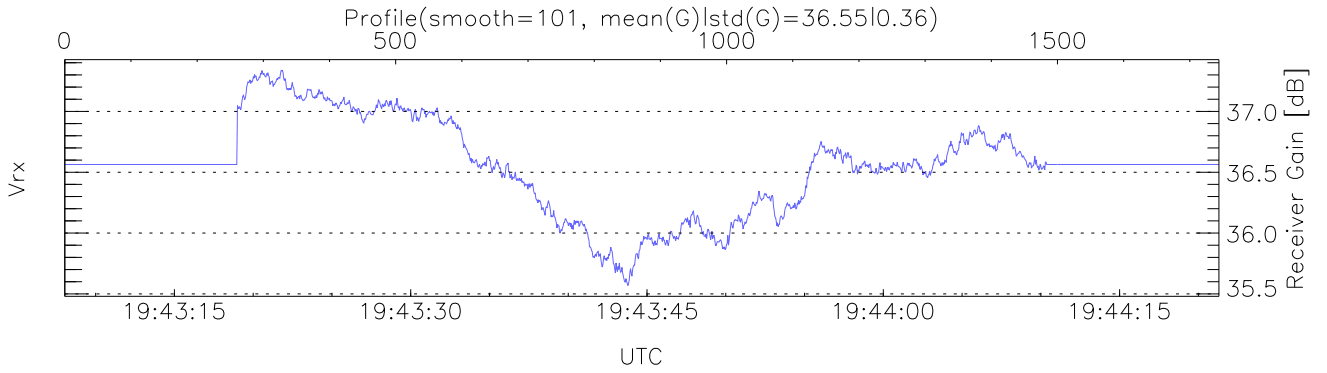
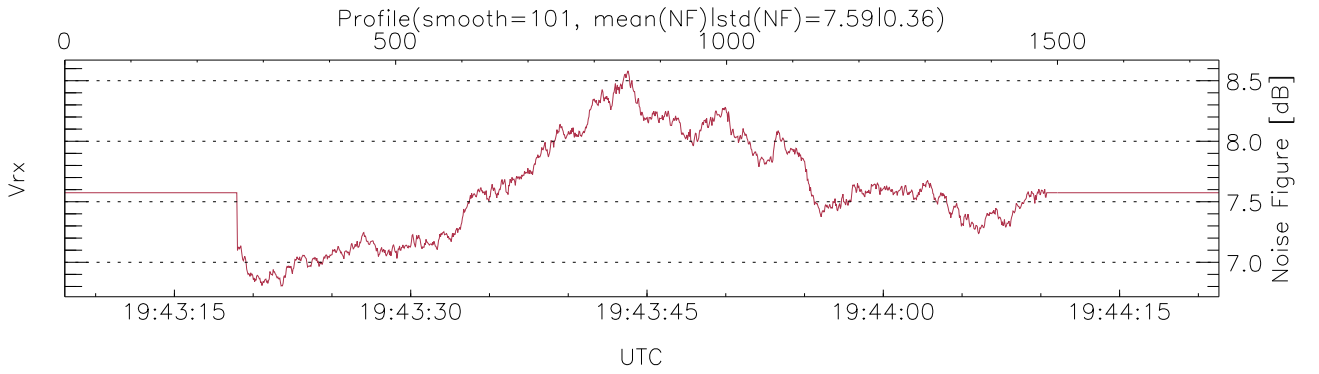
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

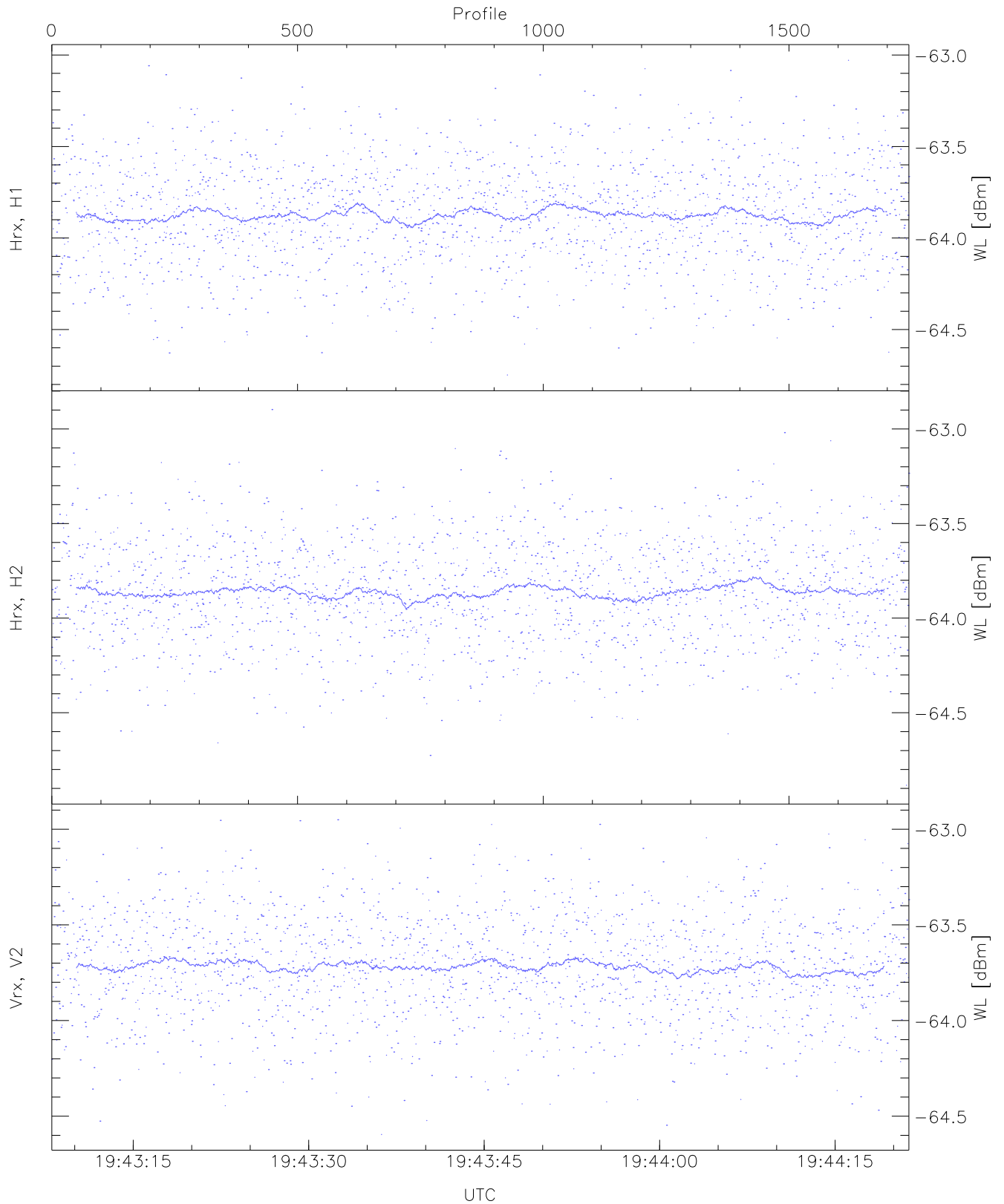
UTC: 19:43:08-19:44:21, Dur: 73.27s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 1745/1745, 0-1744/19:43:08-19:44:21
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,6187,15.0 m, Gates: 406, Aspect: 4.0
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 0



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

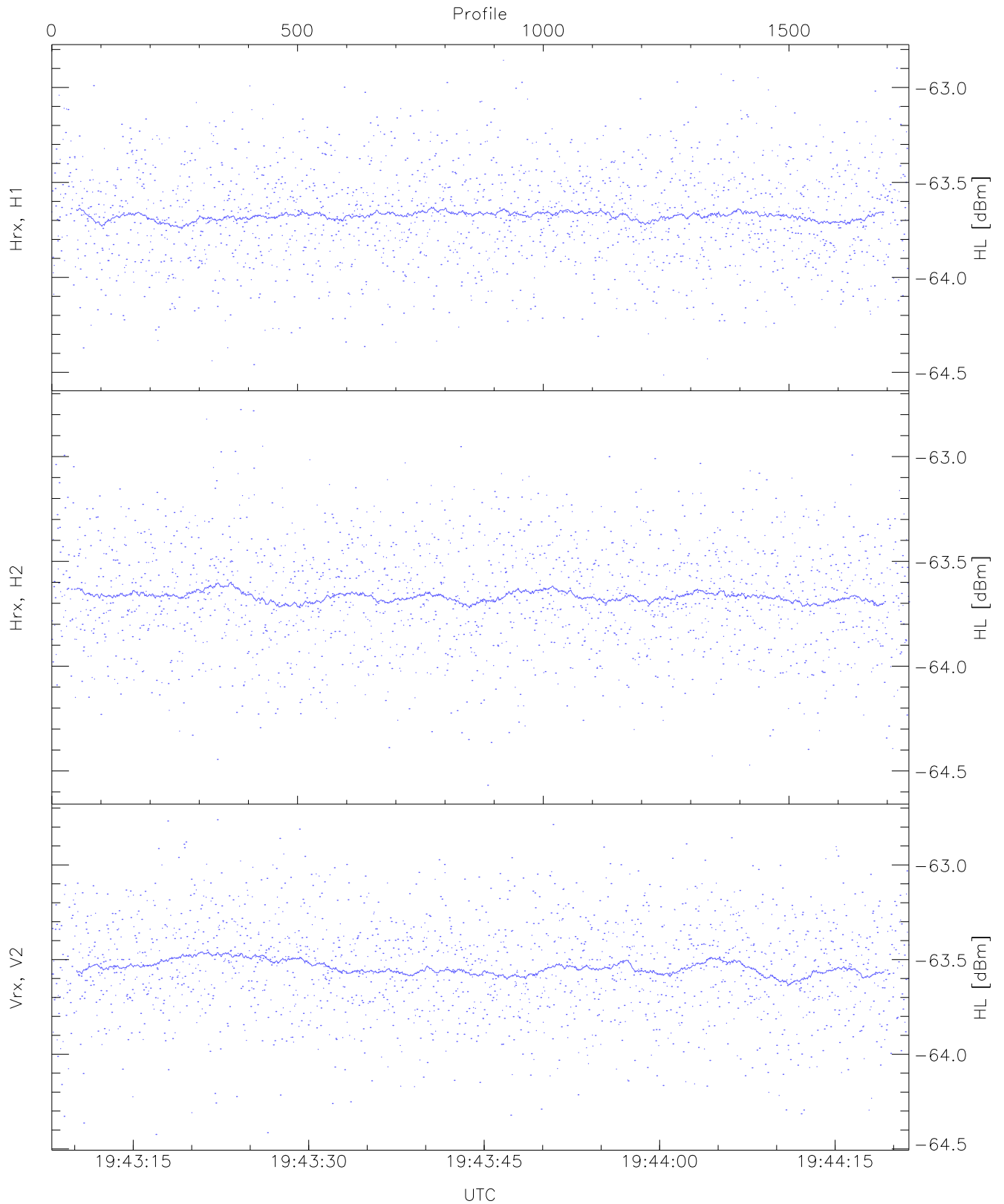
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,23,30,32,36
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,24,32,33,37
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK/Modulator Faults: None





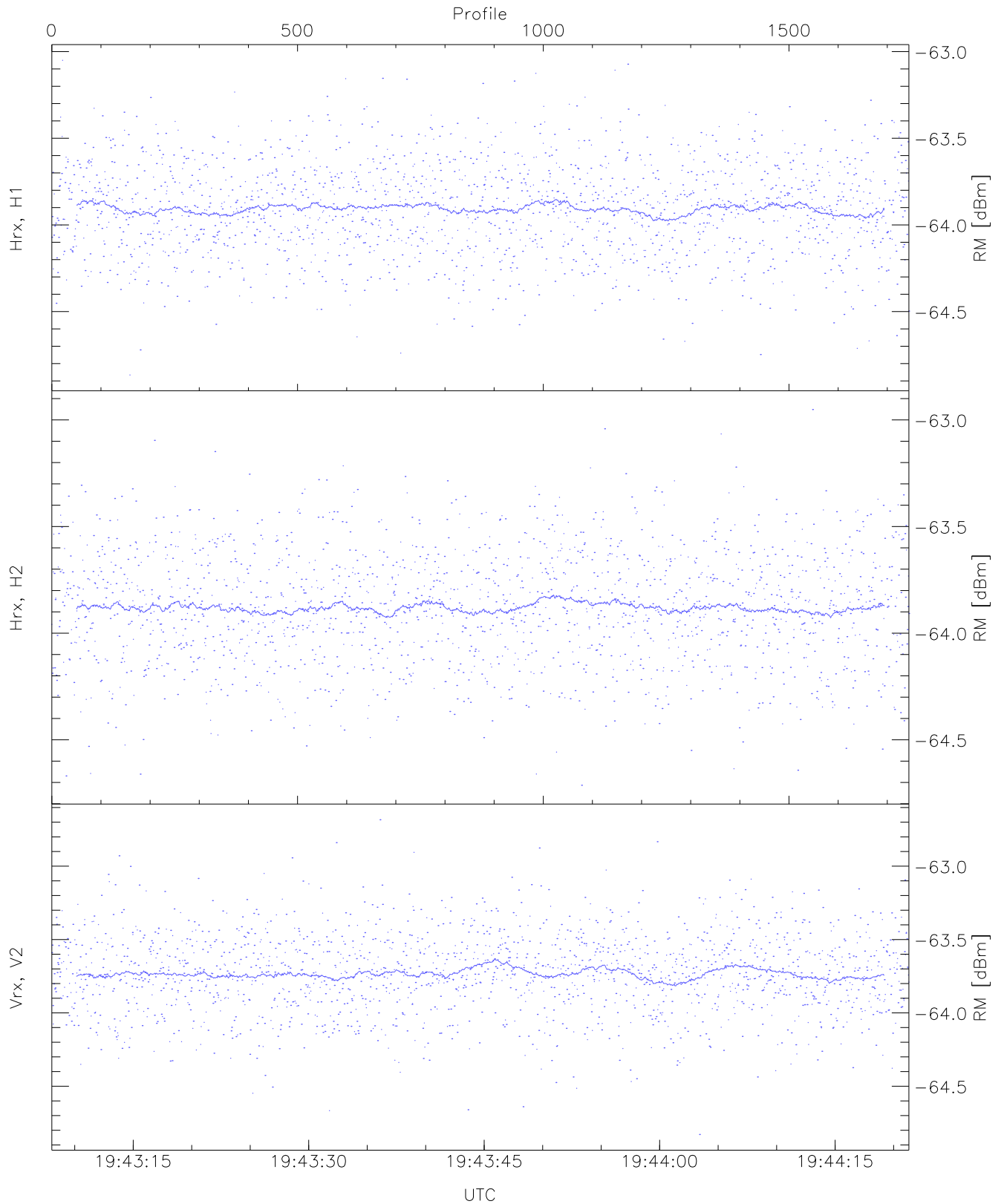
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -64.75 | -63.03 | -63.87 | -63.87 | -75.92 |
| Hrx, H2 (WL [dBm]) | -64.88 | -62.90 | -63.85 | -63.86 | -75.99 |
| Vrx, V2 (WL [dBm]) | -64.60 | -62.95 | -63.71 | -63.72 | -75.85 |



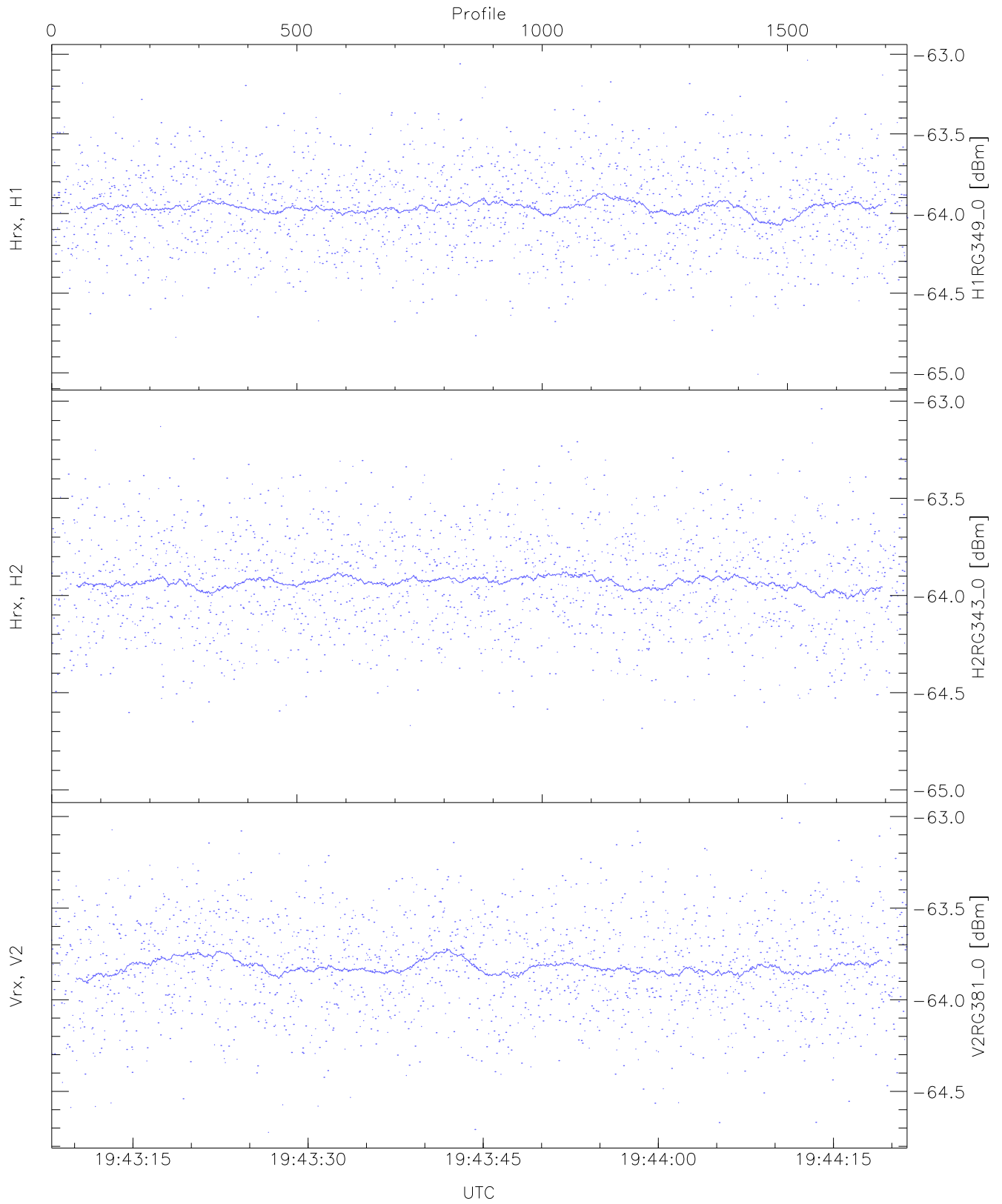
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -64.51 | -62.86 | -63.67 | -63.67 | -75.87 |
| Hrx, H2 (HL [dBm]) | -64.57 | -62.78 | -63.66 | -63.67 | -75.83 |
| Vrx, V2 (HL [dBm]) | -64.42 | -62.76 | -63.54 | -63.54 | -75.70 |



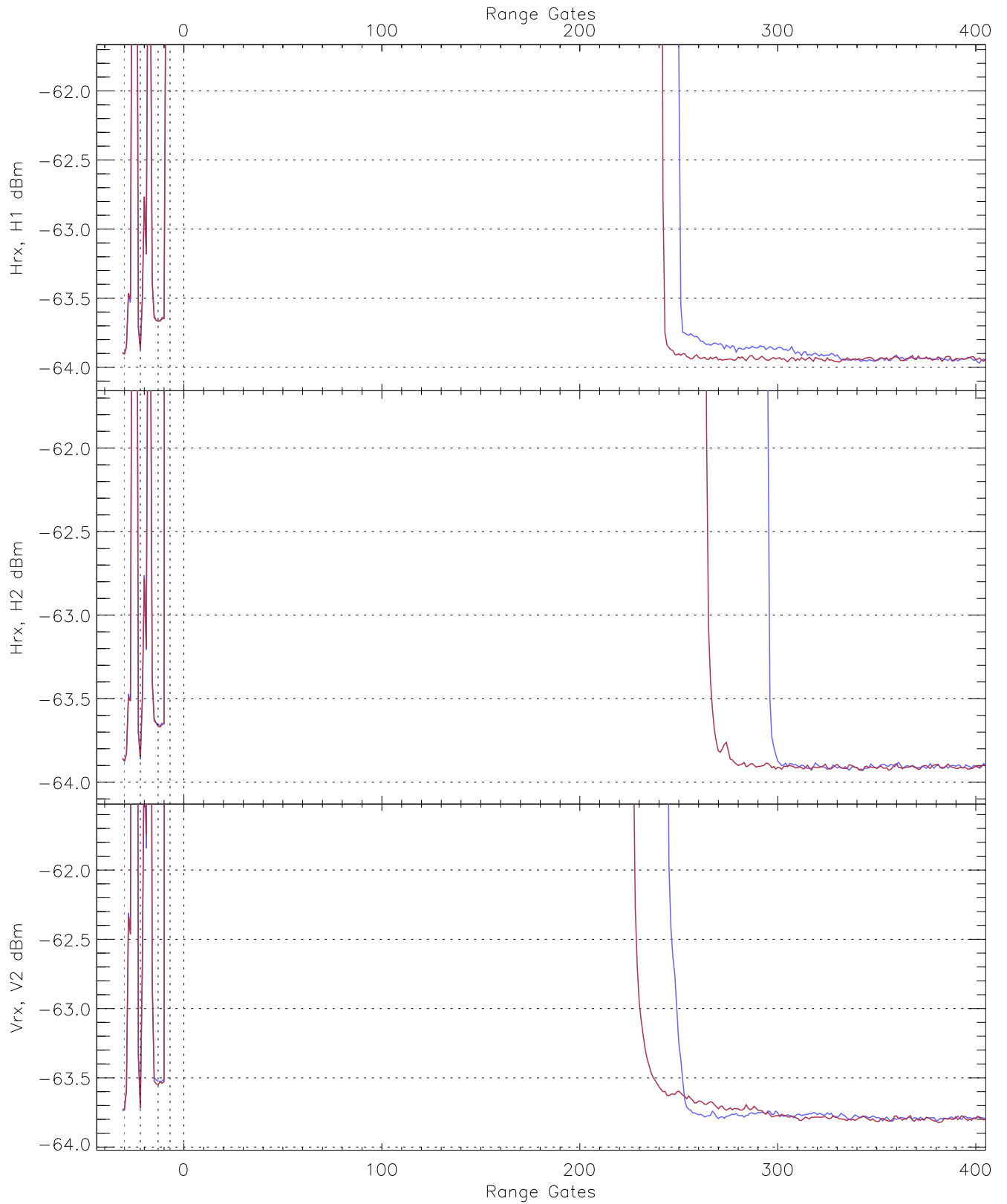
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -64.87 | -63.05 | -63.90 | -63.90 | -76.06 |
| Hrx, H2 (RM [dBm]) | -64.71 | -62.95 | -63.87 | -63.88 | -76.10 |
| Vrx, V2 (RM [dBm]) | -64.83 | -62.68 | -63.73 | -63.73 | -75.84 |

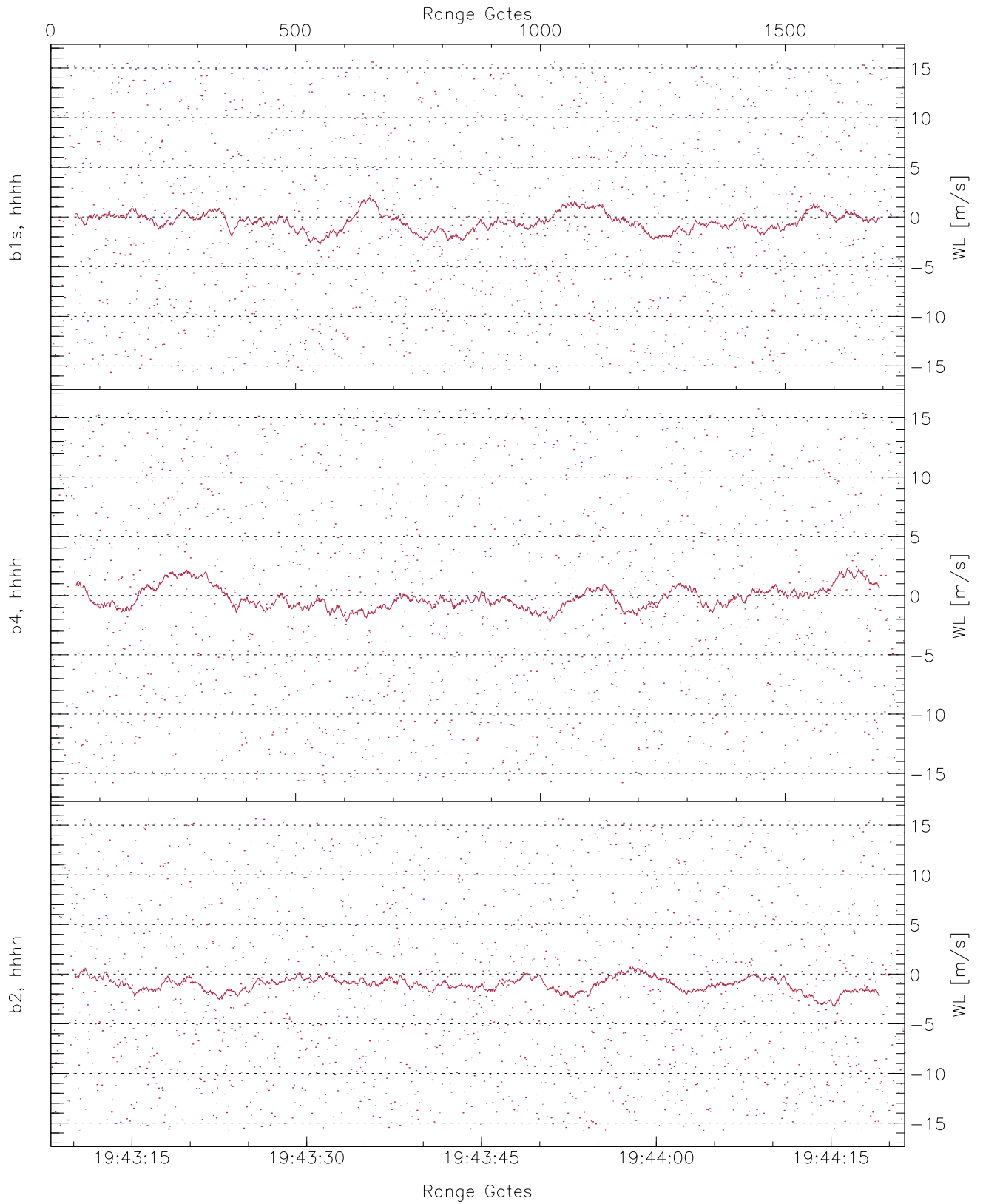


WCR2 CPP "Best" estimate Receivers Noise Power

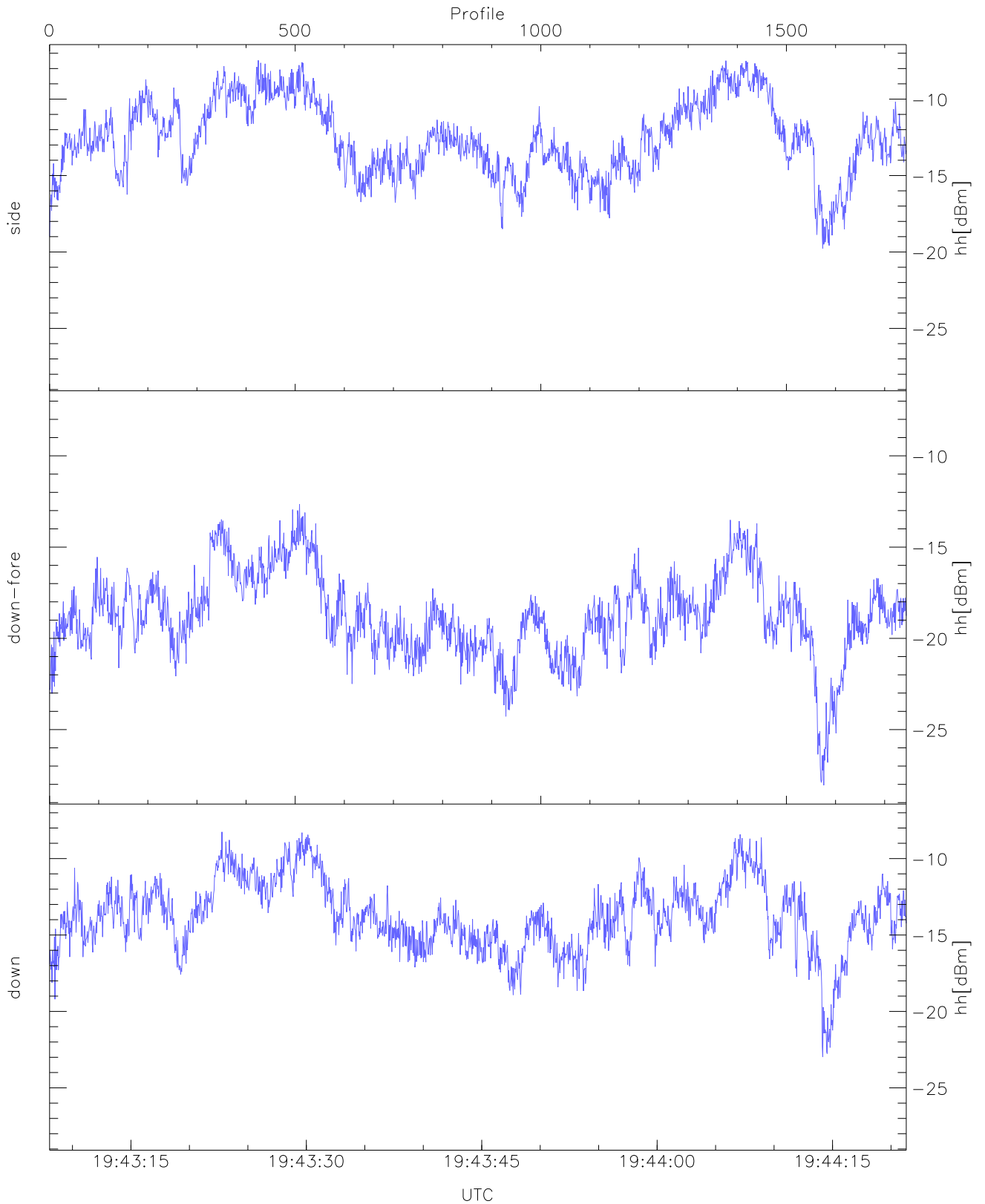
| | Min | Max | Mean | Median | StDev |
|-----------------|--------|--------|--------|--------|--------|
| H1RG349_0 [dBm] | -65.01 | -63.04 | -63.95 | -63.96 | -76.00 |
| H2RG343_0 [dBm] | -64.97 | -63.04 | -63.93 | -63.94 | -76.10 |
| V2RG381_0 [dBm] | -64.72 | -63.01 | -63.81 | -63.82 | -75.95 |



WCR2 CPP Averaged Received power for all recorded gates
blue: 194308-194344, 873 profiles averaged
red: 194344-194421, 873 profiles averaged

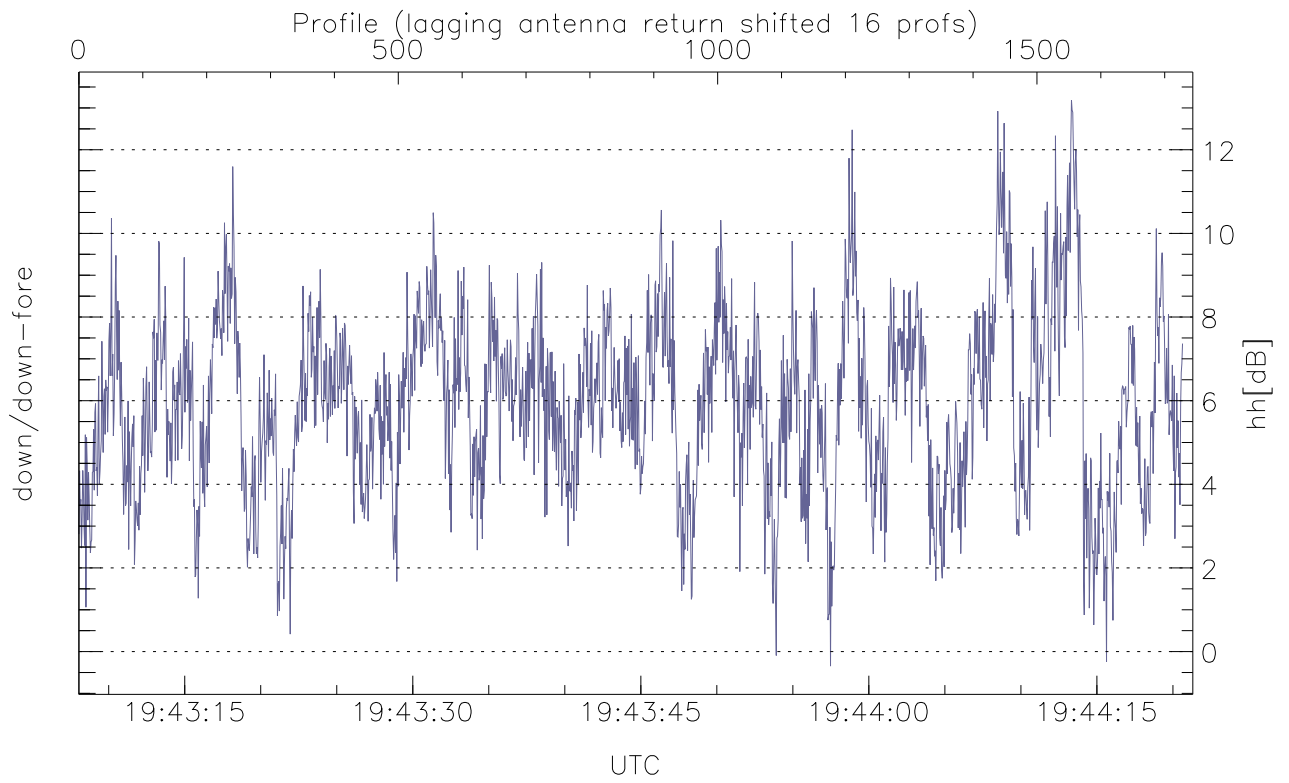


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



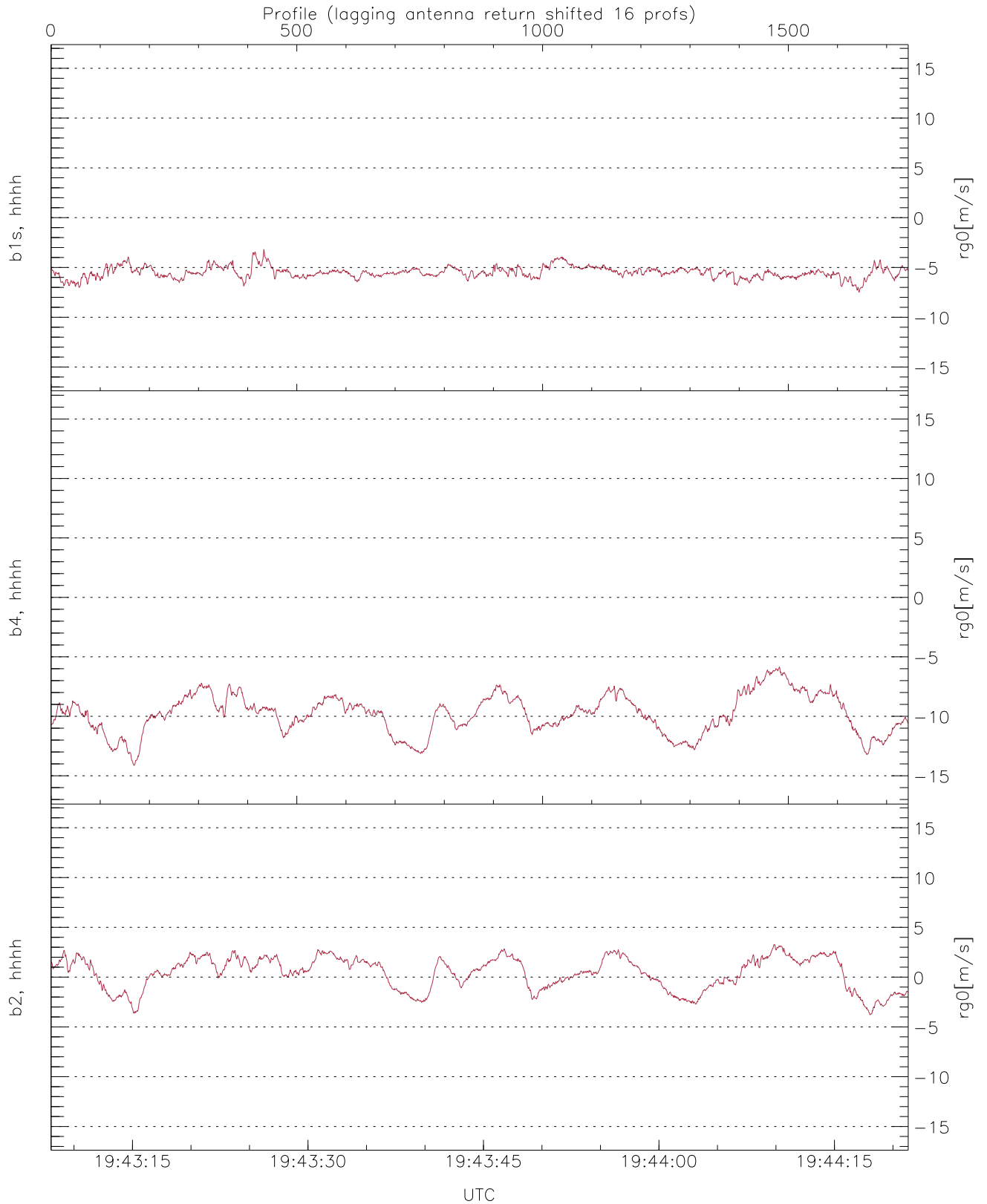
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

| | Min | Max | Mean |
|--------------------|--------|--------|--------|
| side(hh[dBm]) | -19.77 | -7.46 | -11.94 |
| down-fore(hh[dBm]) | -28.05 | -12.65 | -18.20 |
| down(hh[dBm]) | -22.99 | -8.25 | -13.20 |



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

| | Min | Max | Mean |
|------------------------|-------|-------|------|
| down/down-fore(hh[dB]) | -0.35 | 13.18 | 5.94 |



WCR2 CPP Doppler Velocity Products at 105.1 m range

| | Min | Max | Mean | StDev |
|---------------------|--------|-------|-------|-------|
| b1s, hhhh(rg0[m/s]) | -7.50 | -3.17 | -5.51 | 0.57 |
| b4, hhhh(rg0[m/s]) | -14.13 | -5.85 | -9.82 | 1.65 |
| b2, hhhh(rg0[m/s]) | -3.78 | 3.27 | 0.38 | 1.63 |