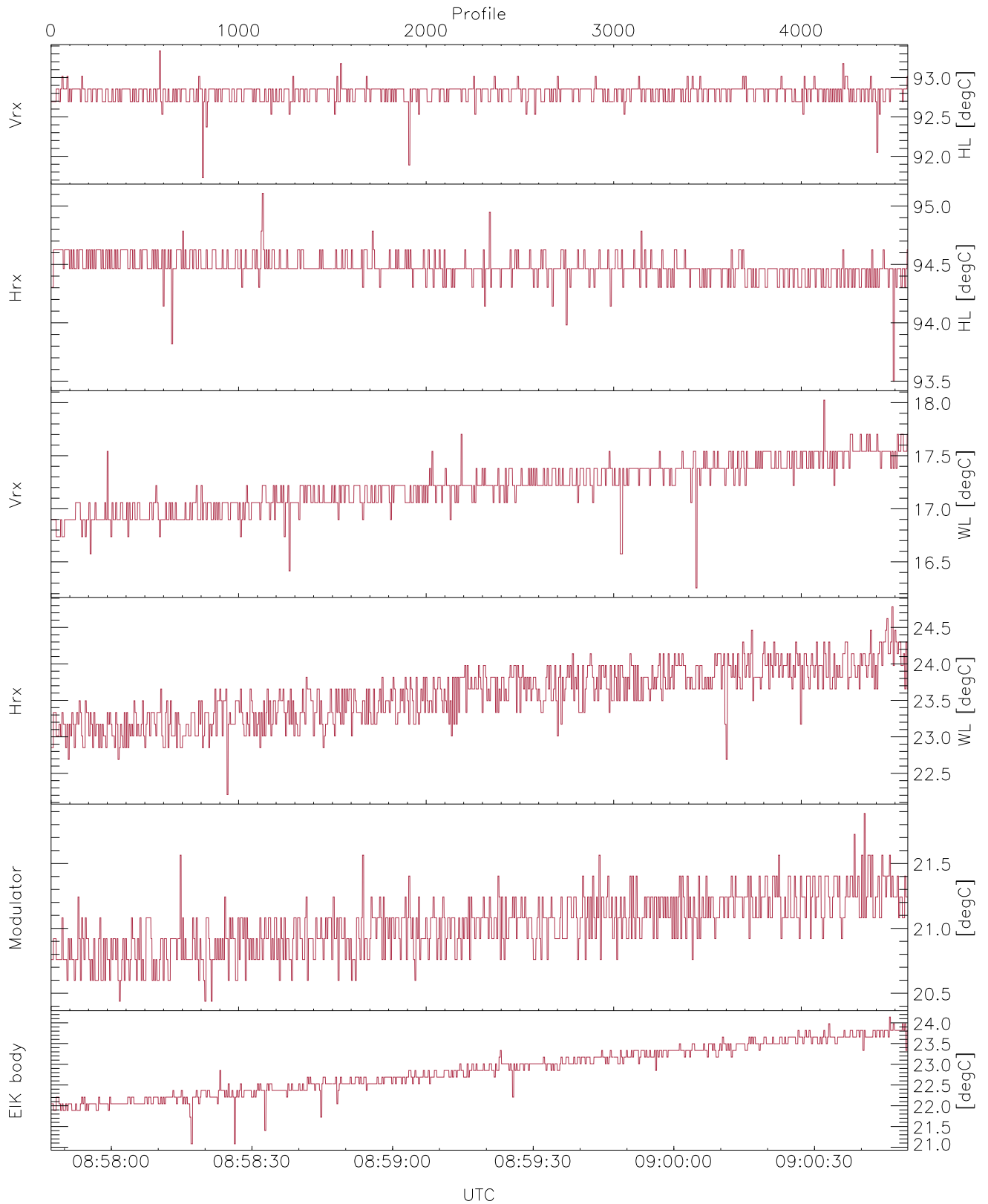


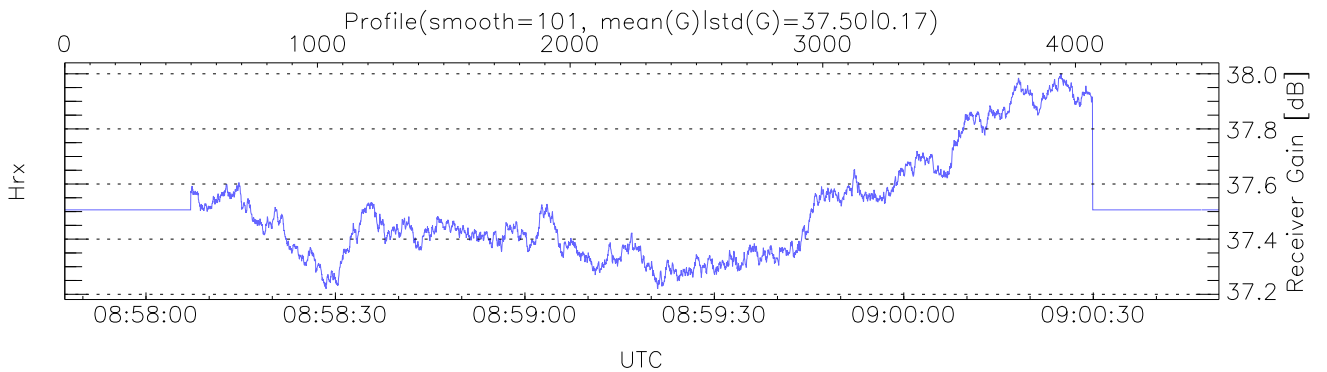
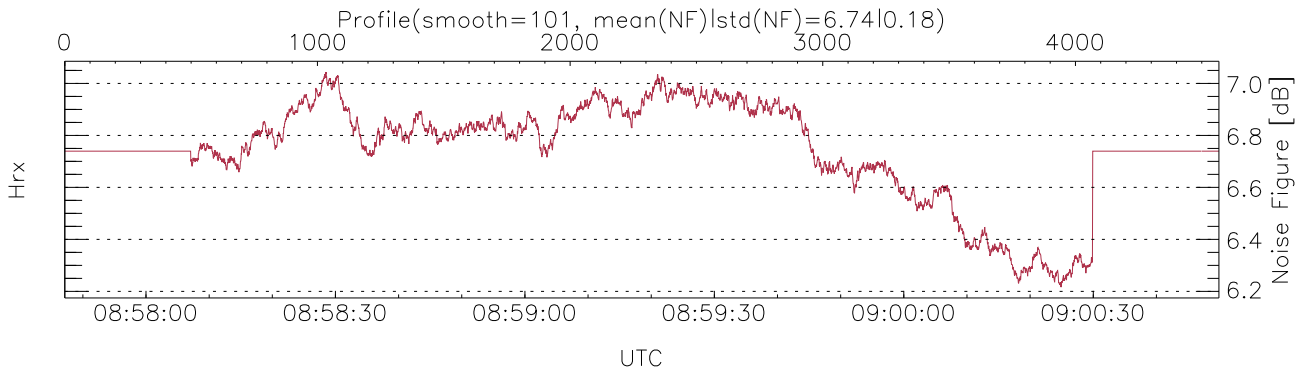
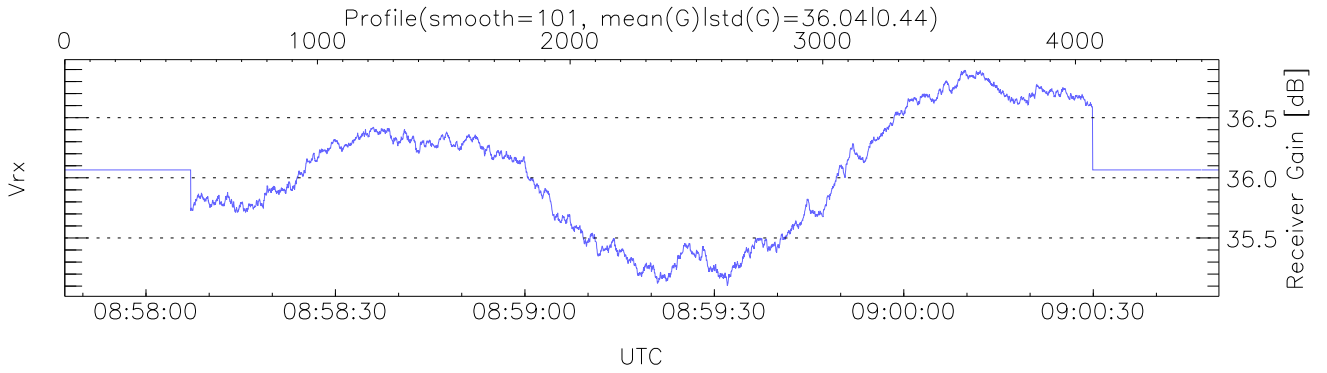
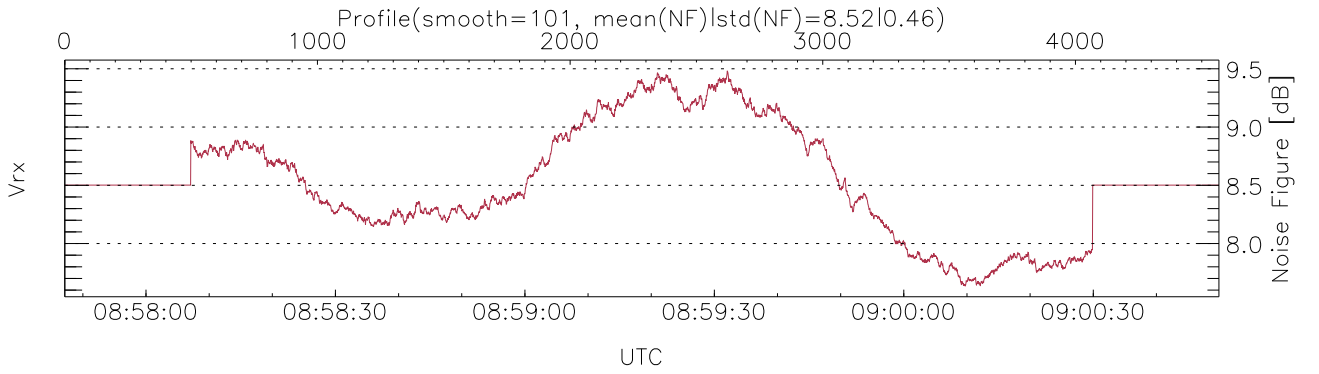
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 08:57:47-09:00:50, Dur: 182.77s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 40.0,40.0,40.0,0.0 ms / 25,25,25
 NumRec(r/t): 4569/4569, 0-4568/08:57:47-09:00:50
 AcqTime: 40.0ms, Rate: 264KB/s, Averages: 200
 Pulse: 250ns, IFF: 4.0MHz, Tx: V2 V2 H2 H2
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 105,6187,15.0 m, Gates: 406, Aspect: 4.2
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



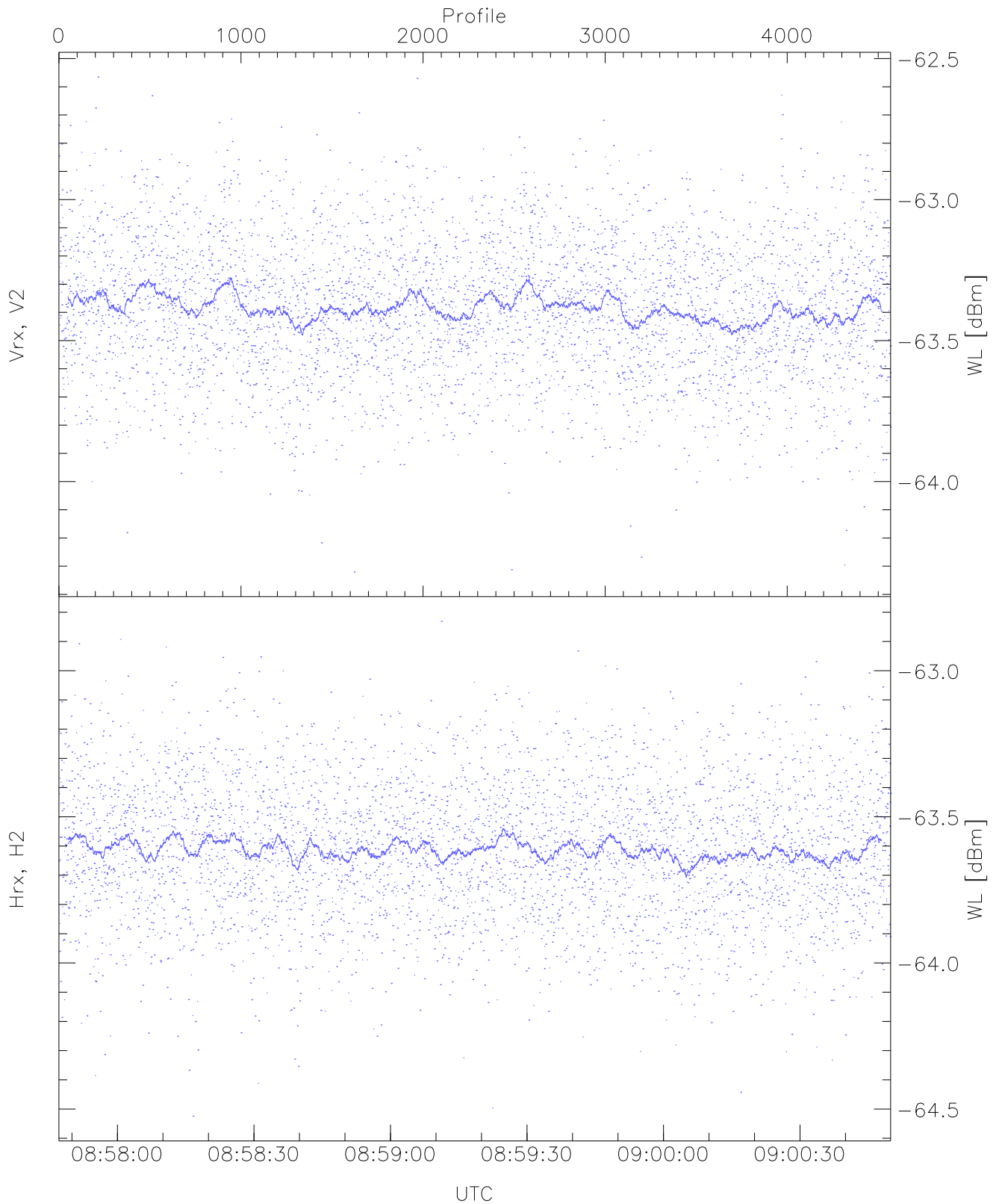
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,16,22,20,21
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,18,24,21,24
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



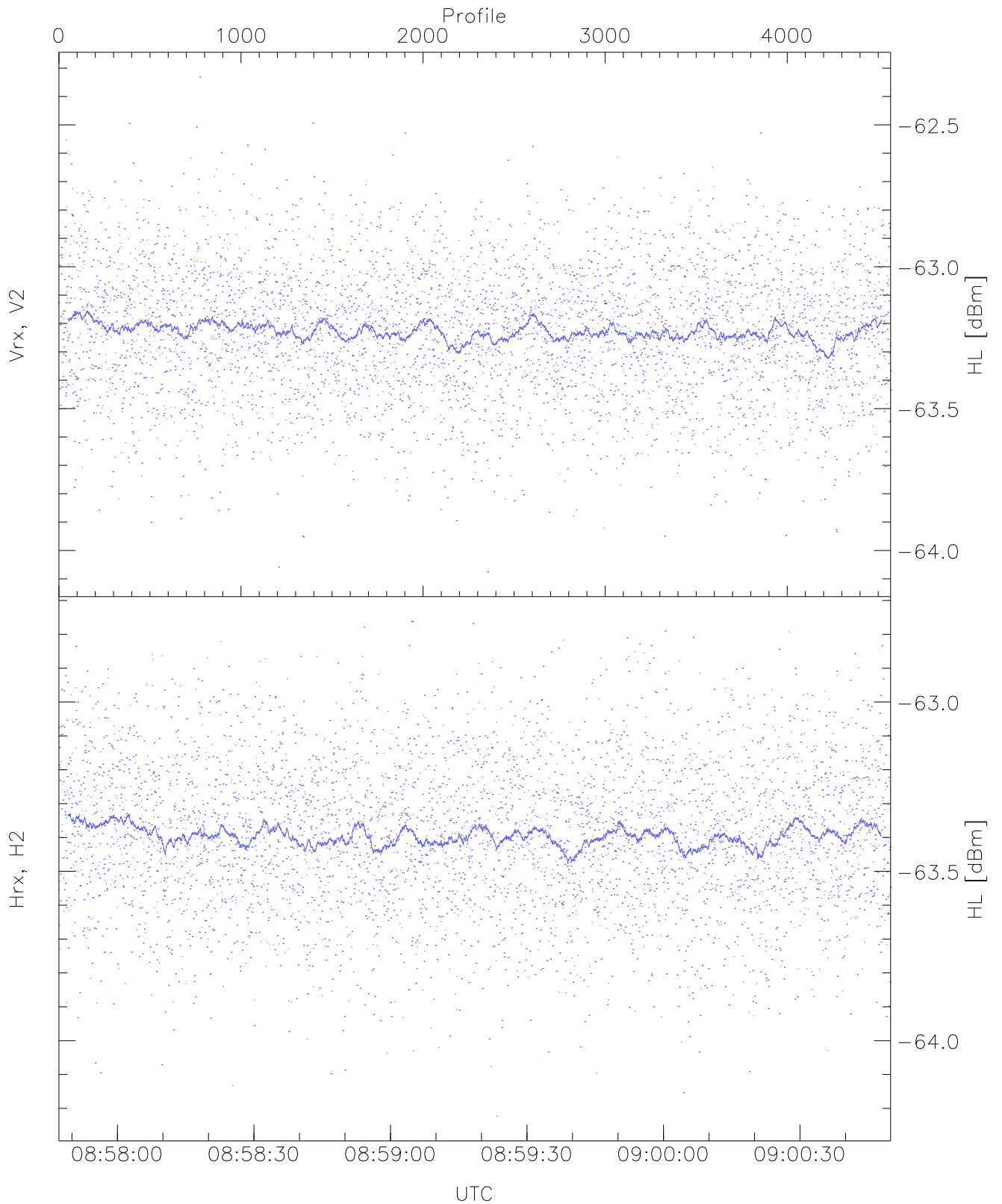
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 775 pixs, 15 gates, 669 profs, 1 prods



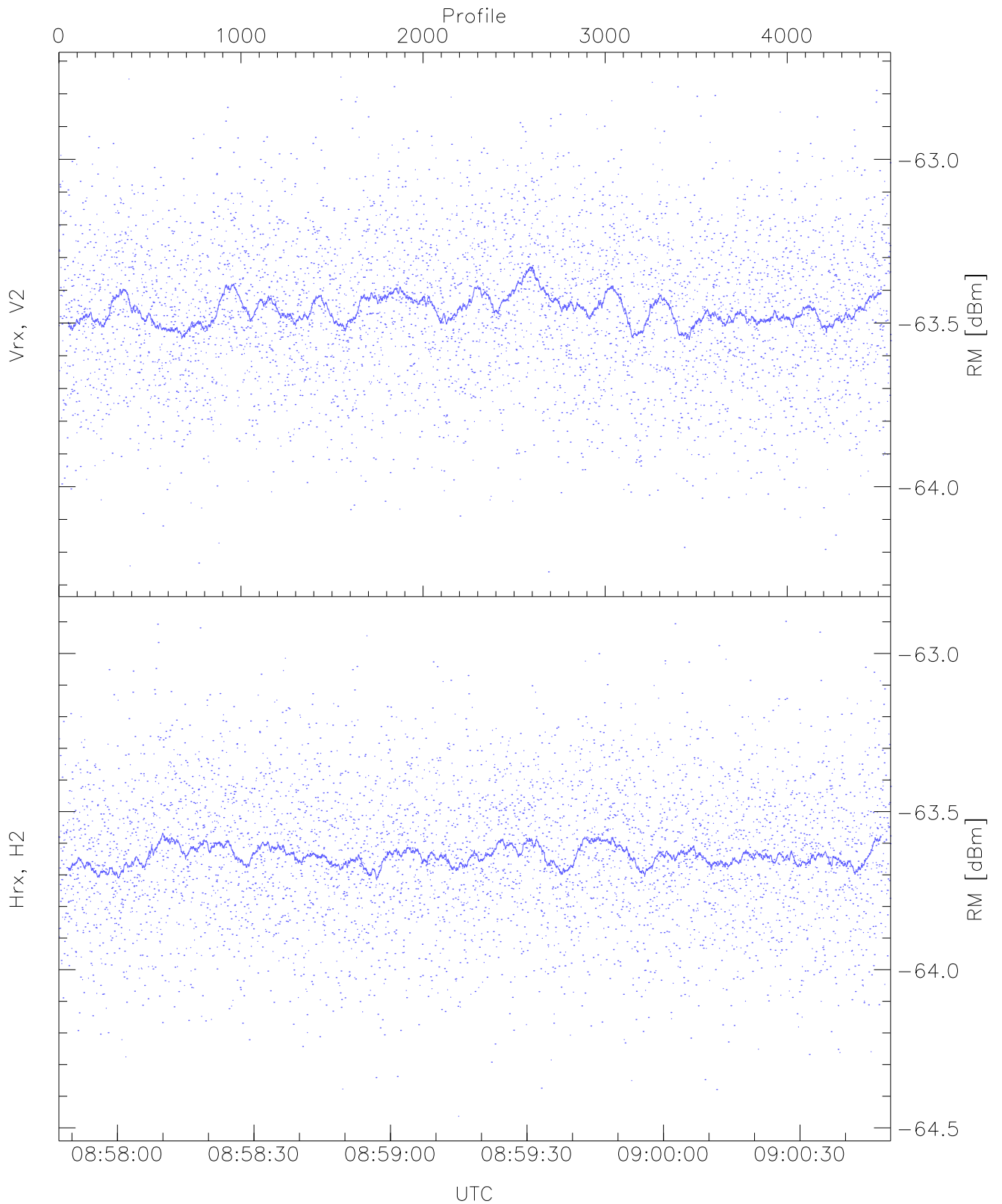
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Vrx, V2(WL [dBm]) | -64.32 | -62.57 | -63.38 | -63.39 | -76.08 |
| Hrx, H2(WL [dBm]) | -64.52 | -62.83 | -63.61 | -63.61 | -76.47 |



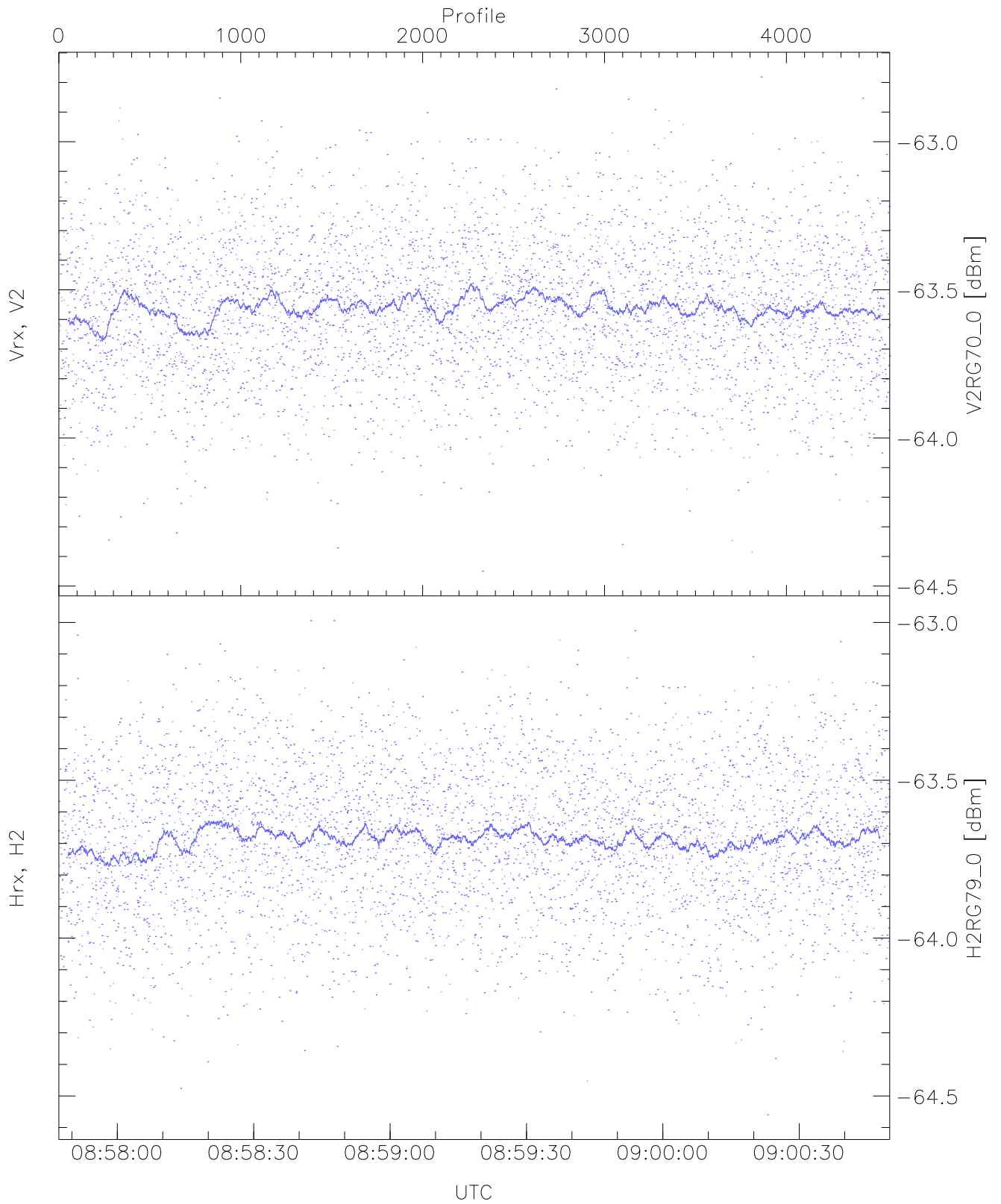
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Vrx, V2(HL [dBm]) | -64.08 | -62.33 | -63.22 | -63.22 | -76.06 |
| Hrx, H2(HL [dBm]) | -64.22 | -62.76 | -63.39 | -63.40 | -76.37 |



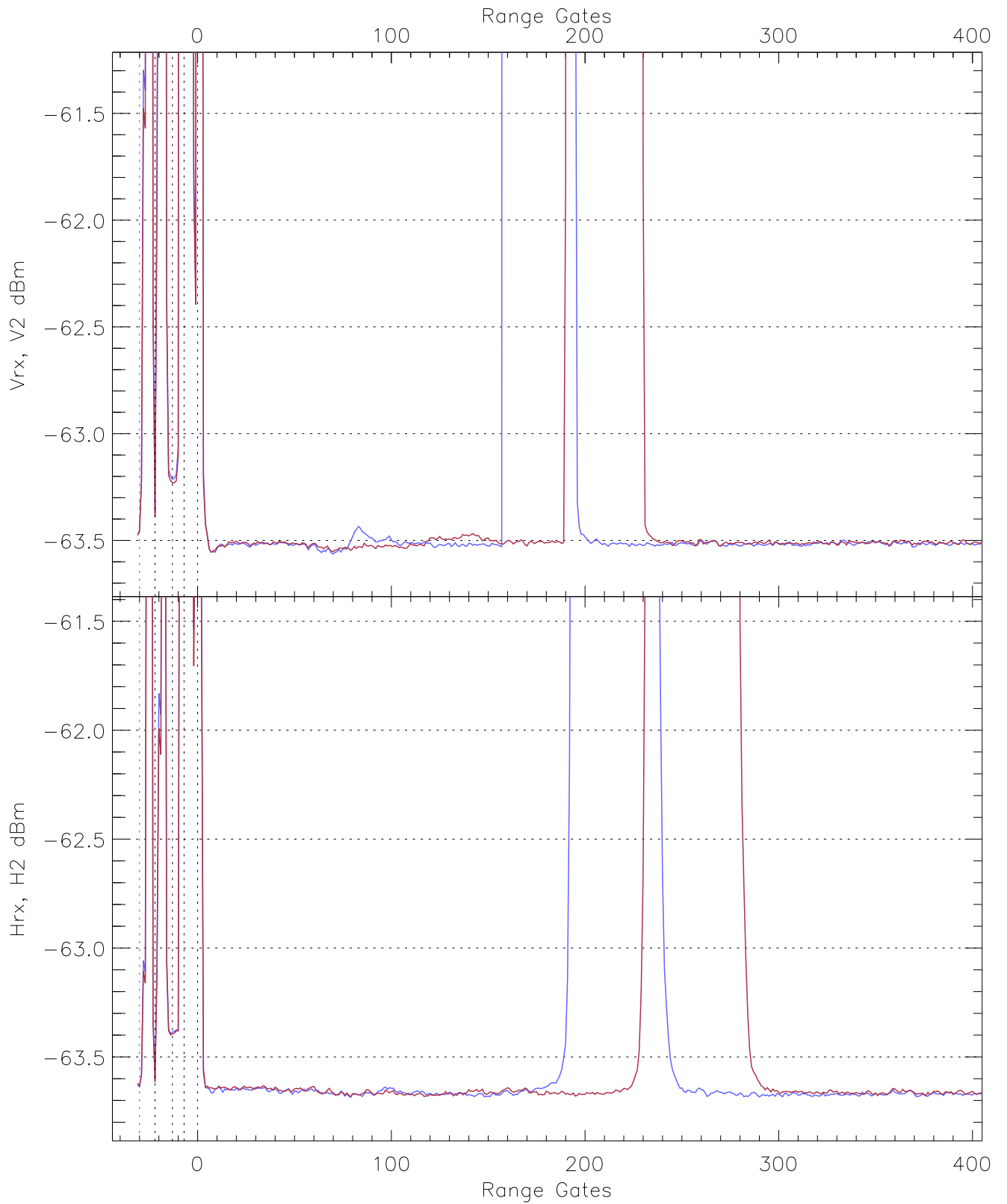
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Vrx, V2(RM [dBm]) | -64.26 | -62.75 | -63.46 | -63.46 | -76.32 |
| Hrx, H2(RM [dBm]) | -64.46 | -62.90 | -63.64 | -63.64 | -76.56 |

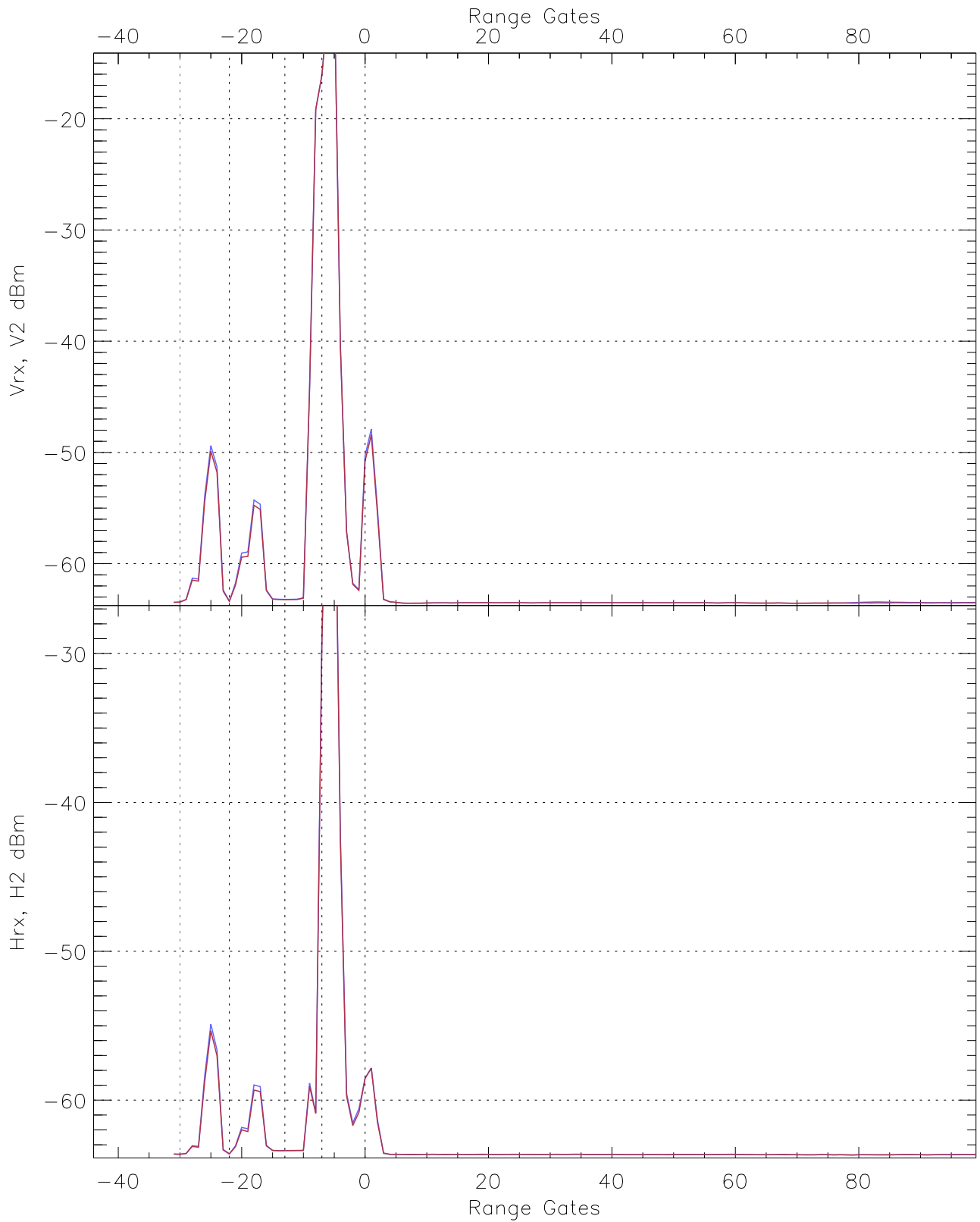


WCR2 CPP "Best" estimate Receivers Noise Power

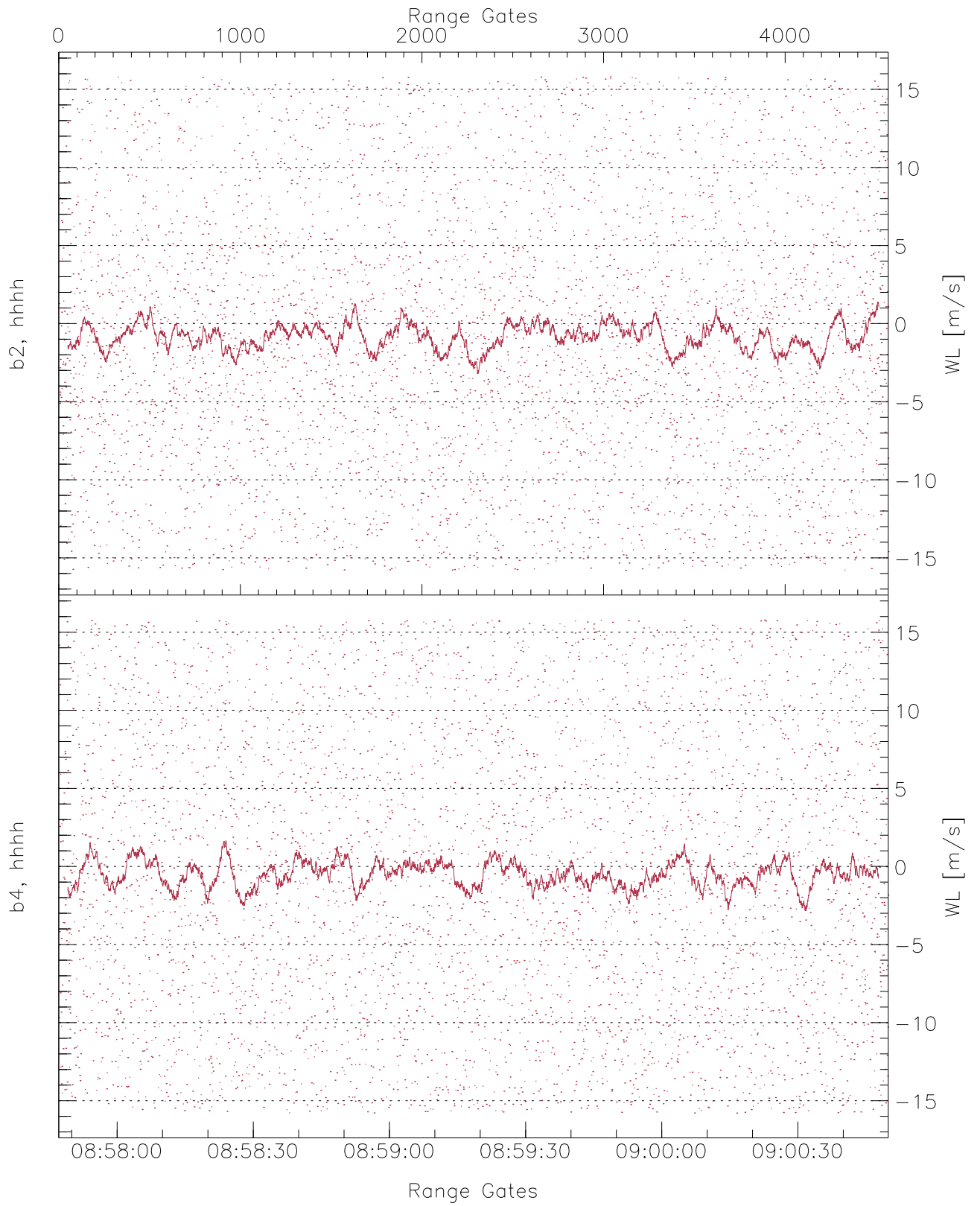
| | Min | Max | Mean | Median | StDev |
|----------------|--------|--------|--------|--------|--------|
| V2RG70_0 [dBm] | -64.45 | -62.78 | -63.56 | -63.56 | -76.40 |
| H2RG79_0 [dBm] | -64.56 | -62.99 | -63.68 | -63.68 | -76.59 |



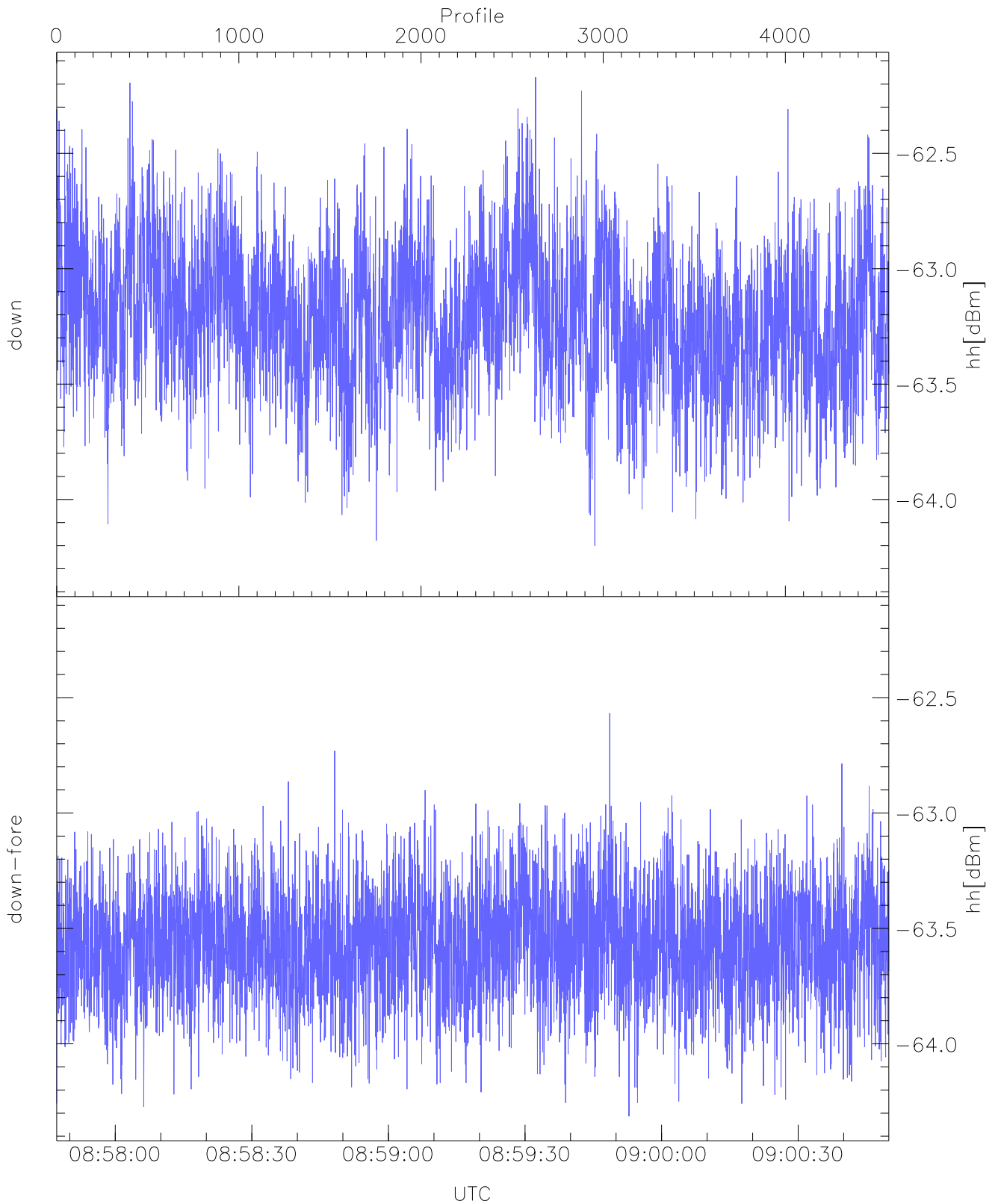
WCR2 CPP Averaged Received power for all recorded gates
blue: 085747-085919, 2285 profiles averaged
red: 085919-090050, 2285 profiles averaged



WCR2 CPP Averaged Received power for up 100 gates
blue: 085747-085919, 2285 profiles averaged
red: 085919-090050, 2285 profiles averaged

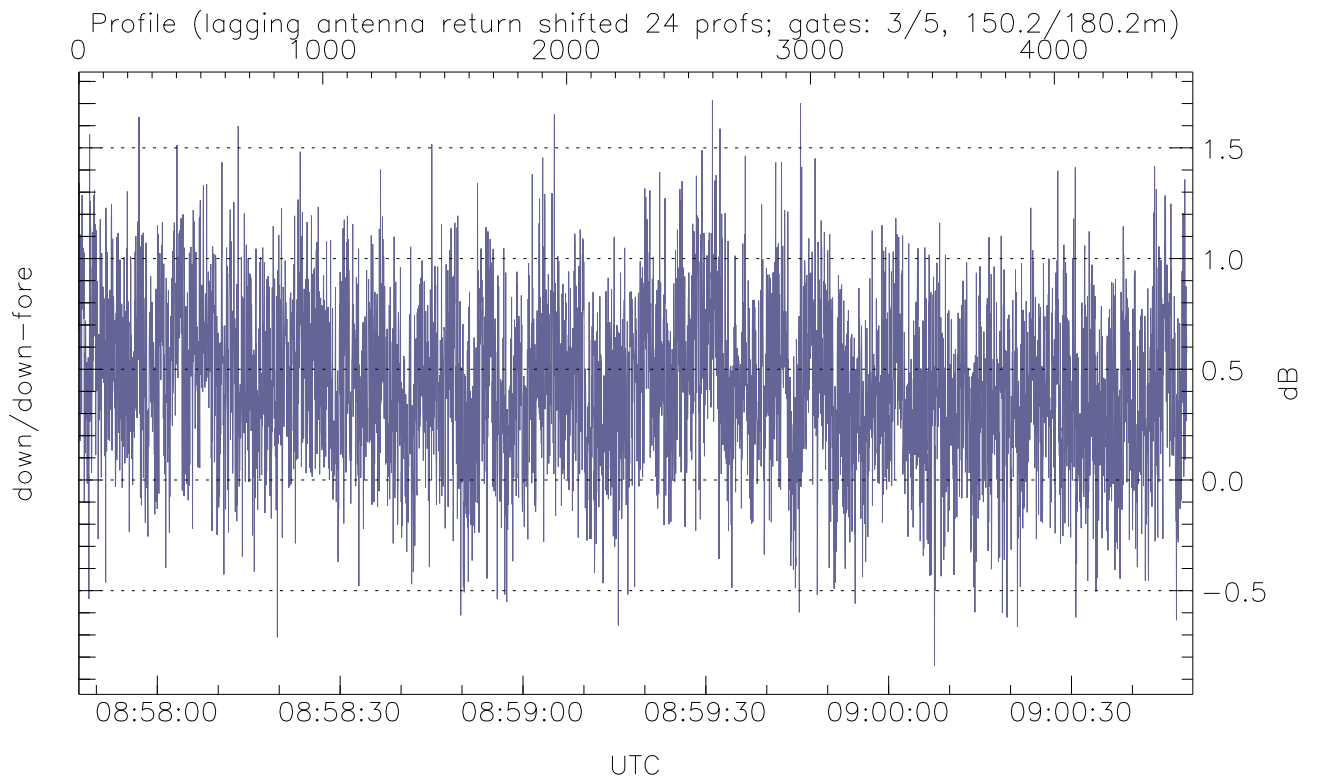


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



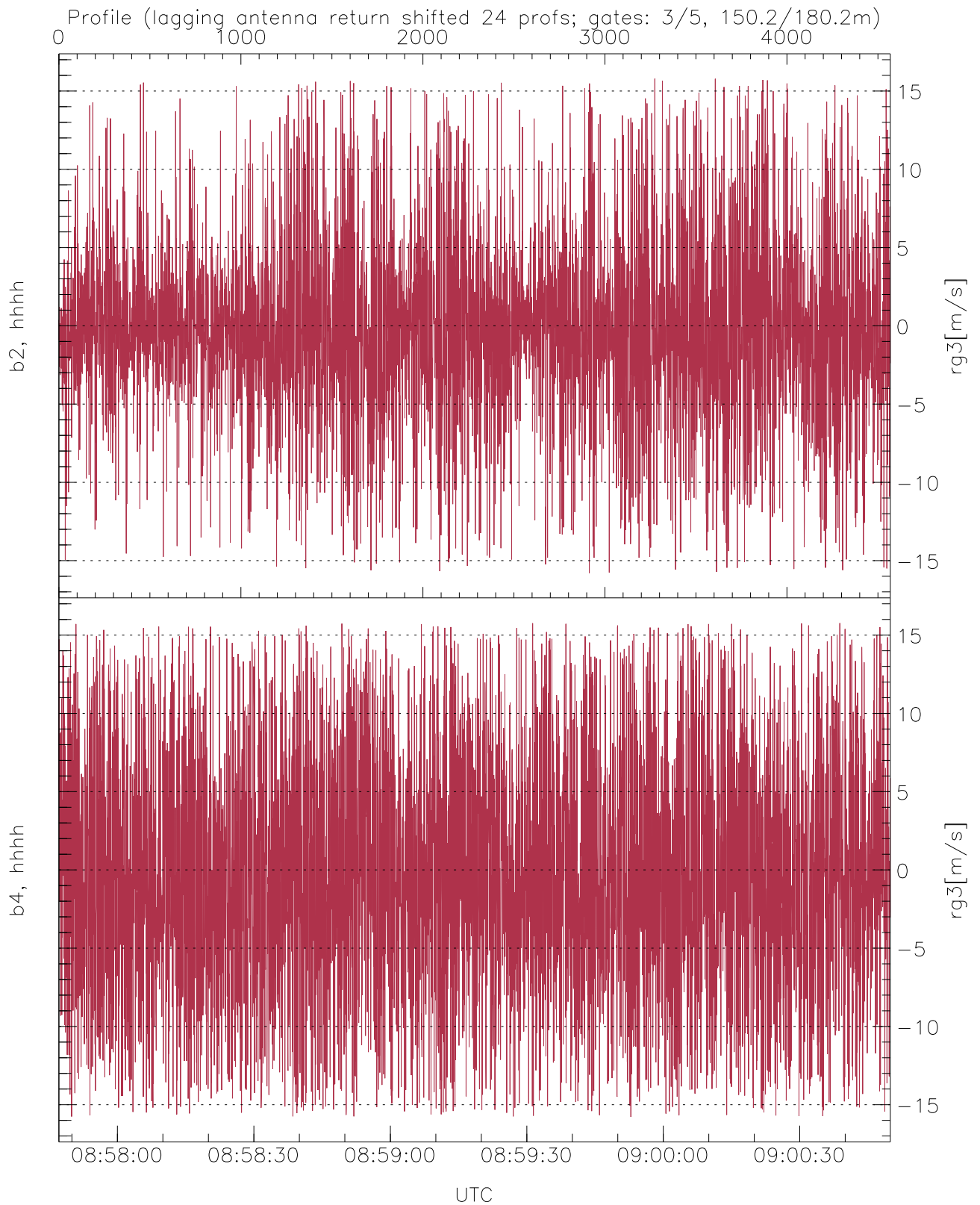
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

| | Min | Max | Mean |
|--------------------|--------|--------|--------|
| down(hh[dBm]) | -64.20 | -62.17 | -63.21 |
| down-fore(hh[dBm]) | -64.31 | -62.57 | -63.56 |



WCR2 Beam pairs Received Power Ratio(s)

| | Min | Max | Mean |
|--------------------|-------|------|------|
| down/down-fore(dB) | -0.84 | 1.71 | 0.43 |



WCR2 CPP Doppler Velocity Products at 150.2 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b2, hhhh(rg3[m/s]) | -15.79 | 15.78 | -0.25 | 5.78 |
| b4, hhhh(rg3[m/s]) | -15.78 | 15.77 | -0.44 | 7.72 |