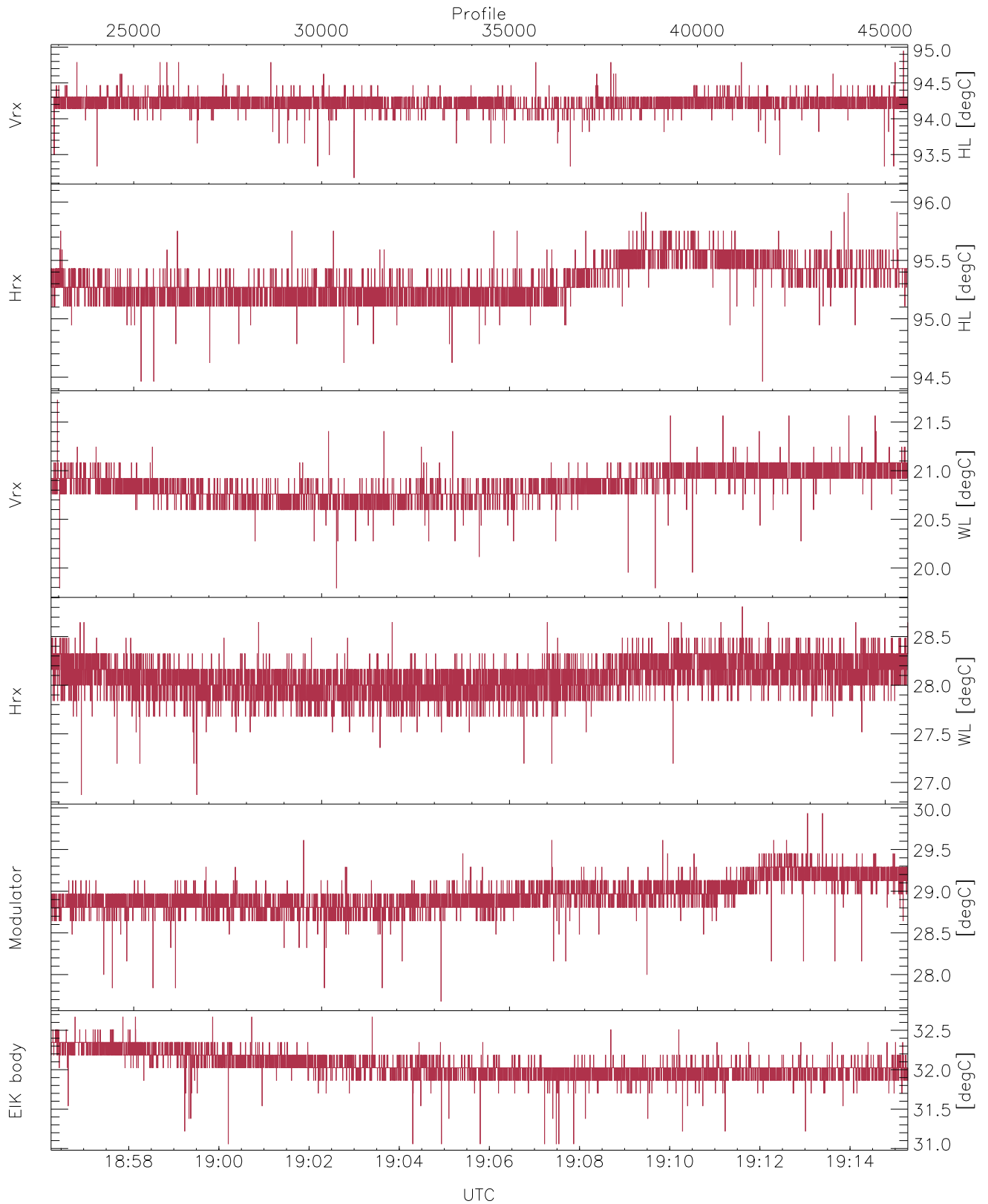


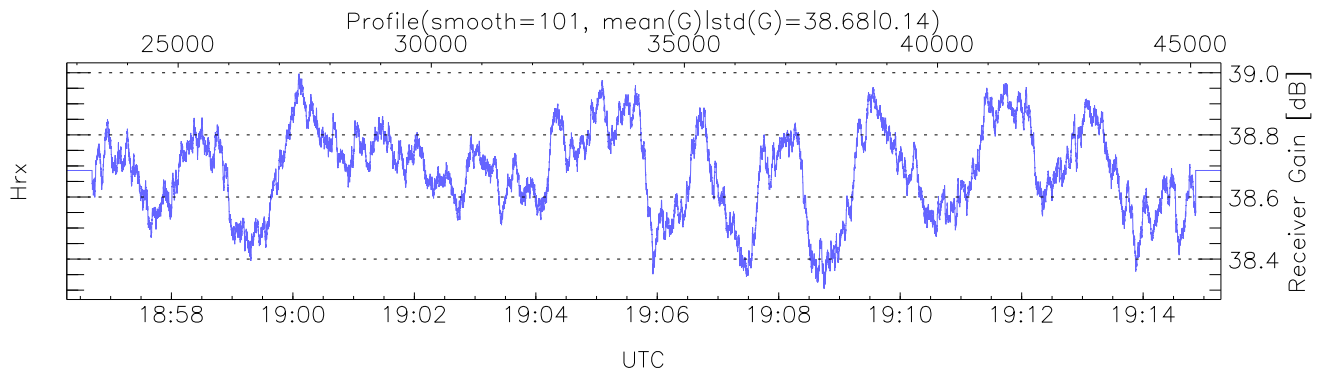
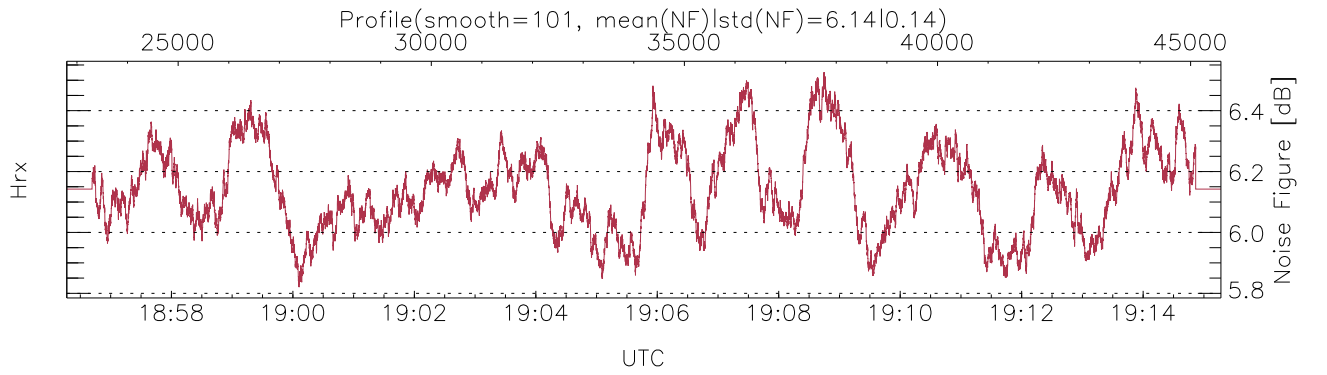
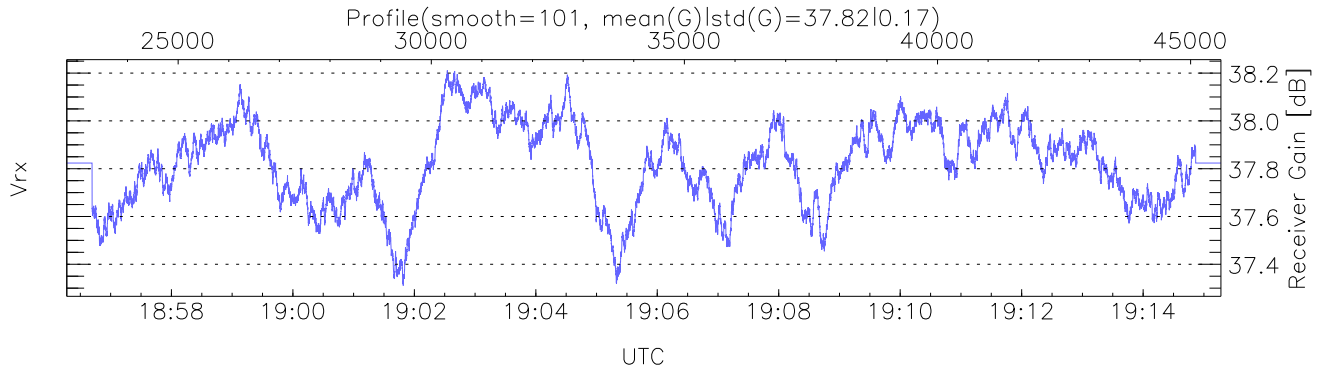
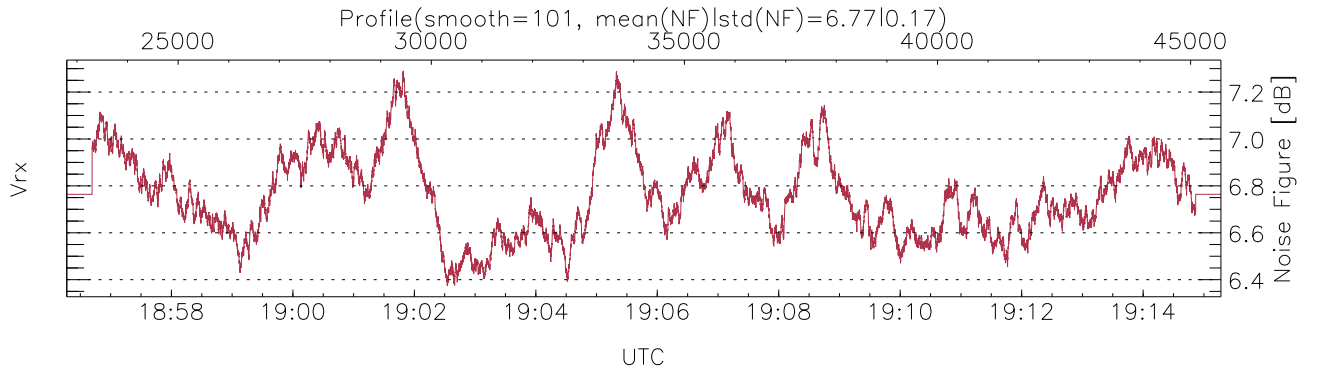
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:37:16-19:38:49, Dur: 3692.42s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.0,50.0,50.0,0.0 ms / 20,20,20
 NumRec(r/t): 22800/73831, 22800-45599/18:56:17-19:15:17
 AcqTime: 50.0ms, Rate: 113KB/s, Averages: 250
 Pulse: 200ns, IFF: 5.0MHz, Tx: V2 V2 H2 H2
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,3108,15.0 m, Gates: 201, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



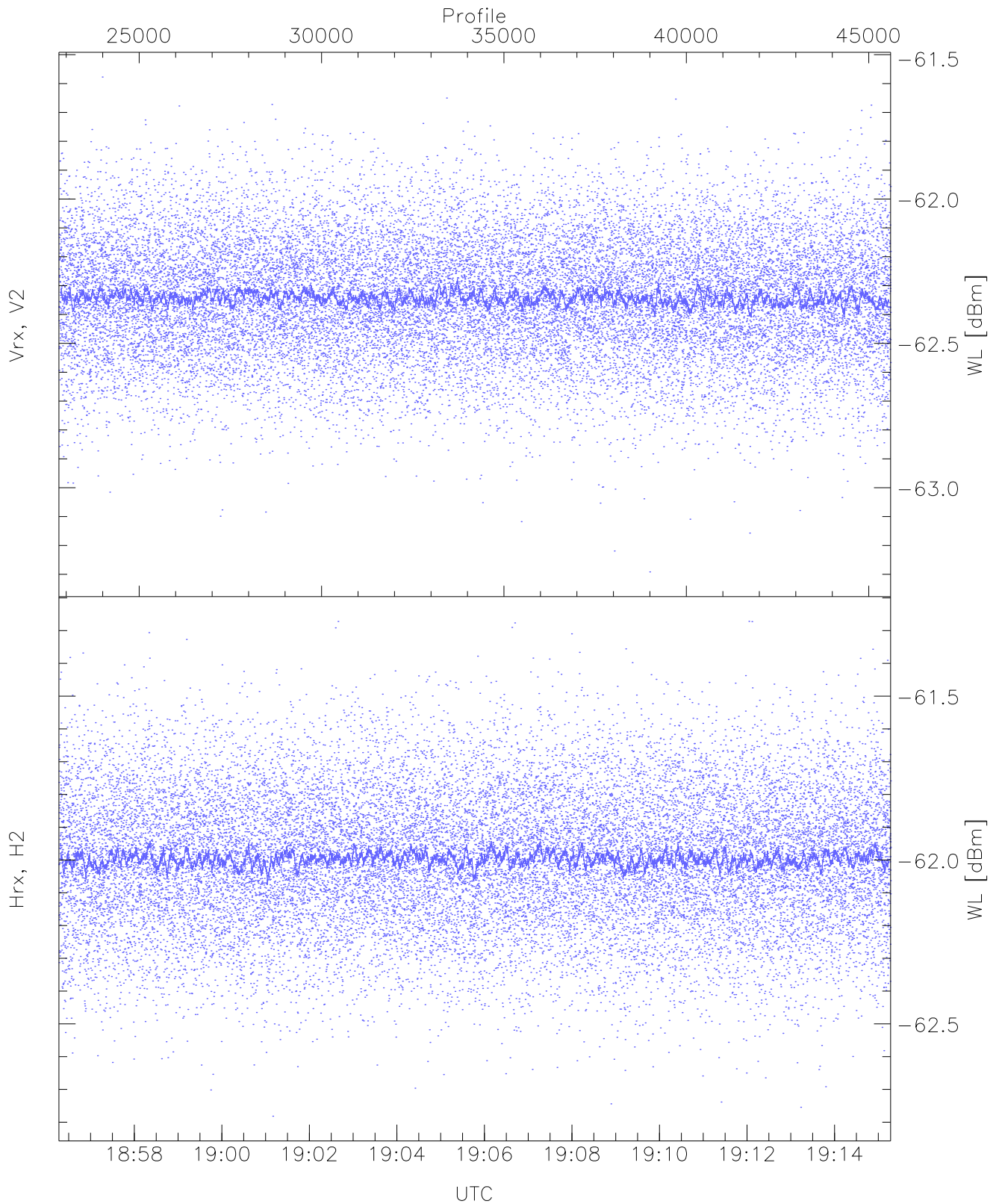
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,26,27,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,29,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,15,10,21)



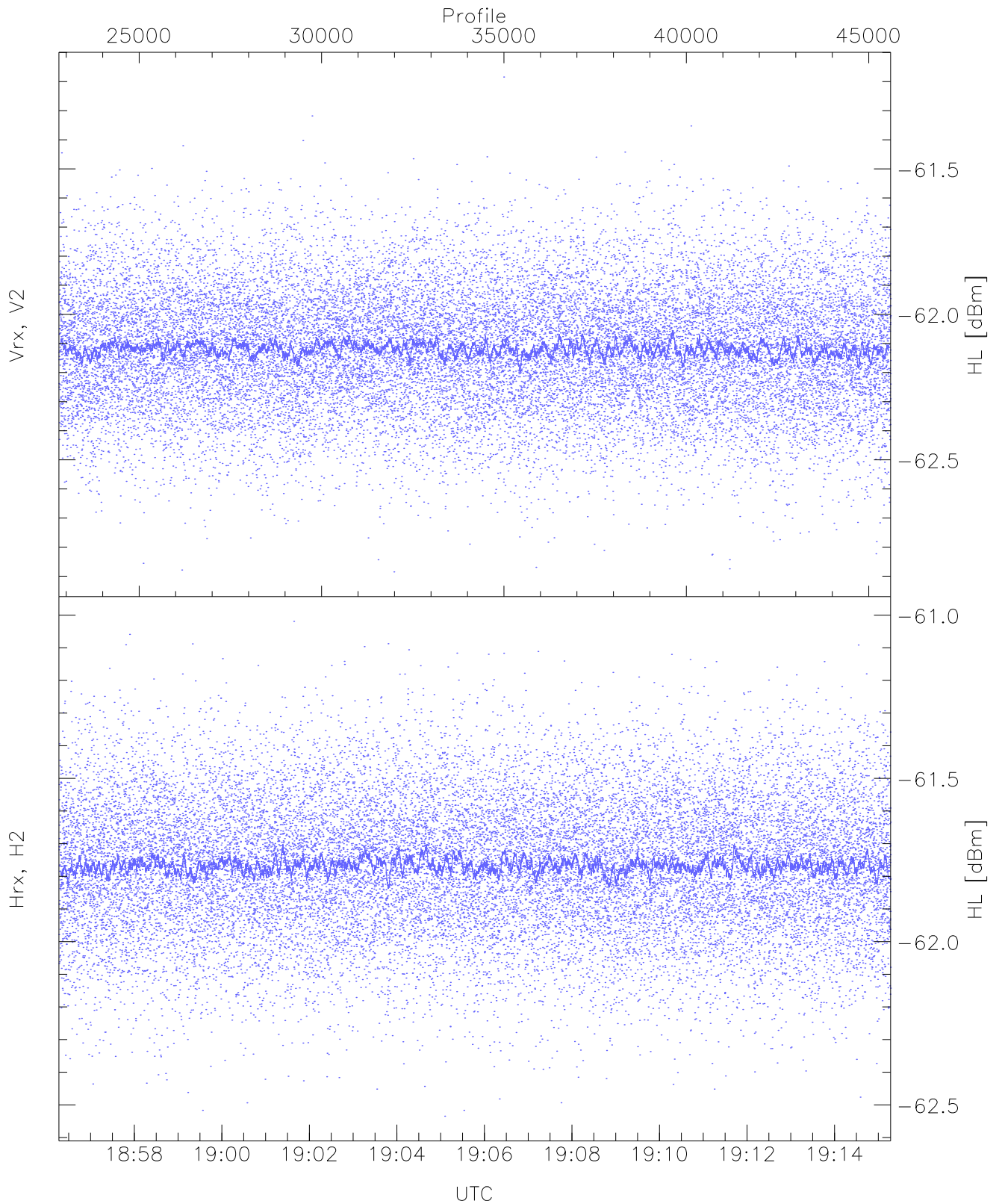
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 18021 pixs, 69 gates, 13290 profs, 2 prods



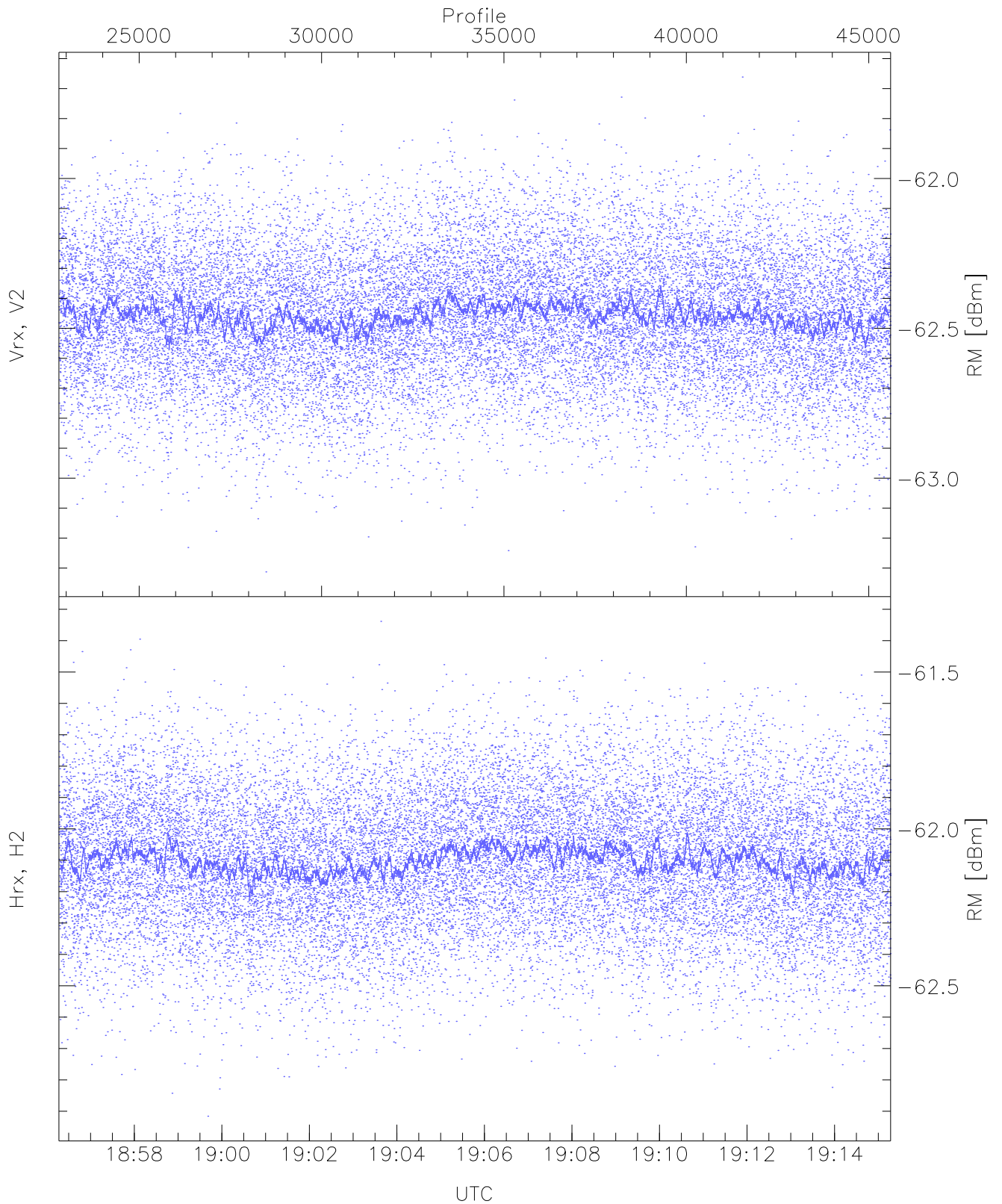
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Vrx, V2(WL [dBm]) | -63.29 | -61.58 | -62.34 | -62.34 | -75.79 |
| Hrx, H2(WL [dBm]) | -62.78 | -61.27 | -61.99 | -62.00 | -75.43 |



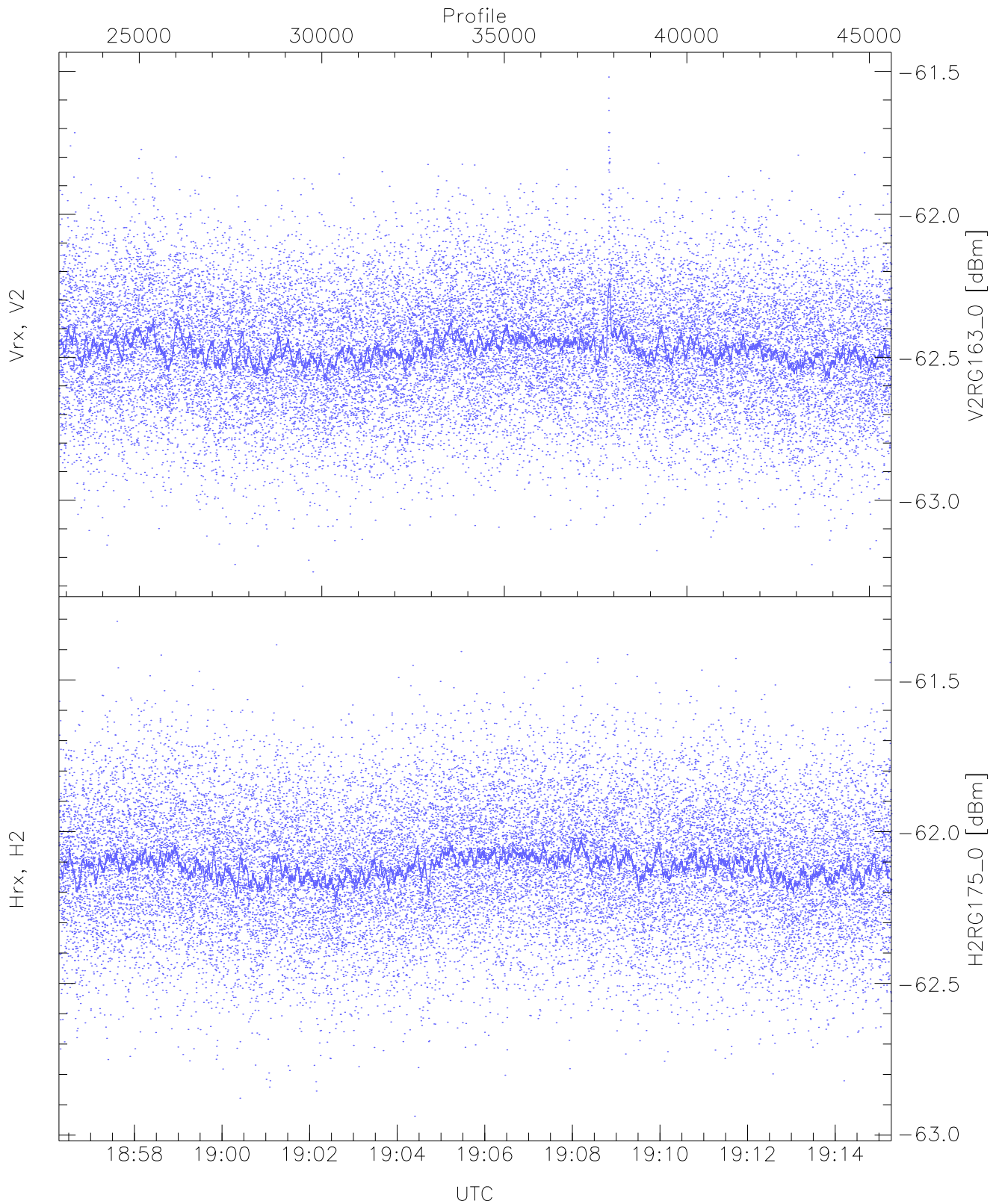
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Vrx, V2(HL [dBm]) | -62.89 | -61.18 | -62.12 | -62.12 | -75.54 |
| Hrx, H2(HL [dBm]) | -62.53 | -61.02 | -61.76 | -61.77 | -75.19 |



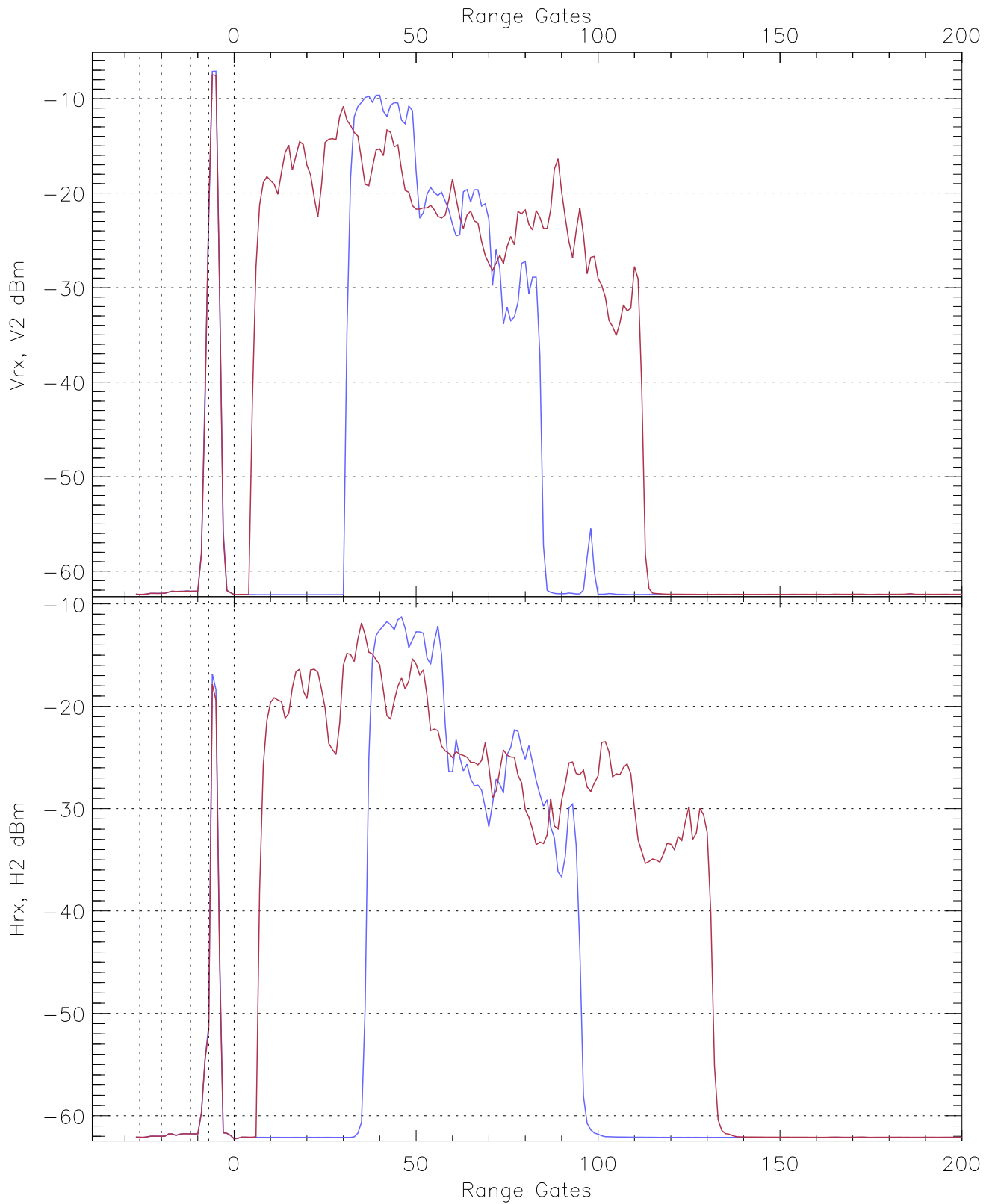
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|-------------------|--------|--------|--------|--------|--------|
| Vrx, V2(RM [dBm]) | -63.31 | -61.66 | -62.46 | -62.46 | -75.83 |
| Hrx, H2(RM [dBm]) | -62.92 | -61.34 | -62.10 | -62.10 | -75.48 |

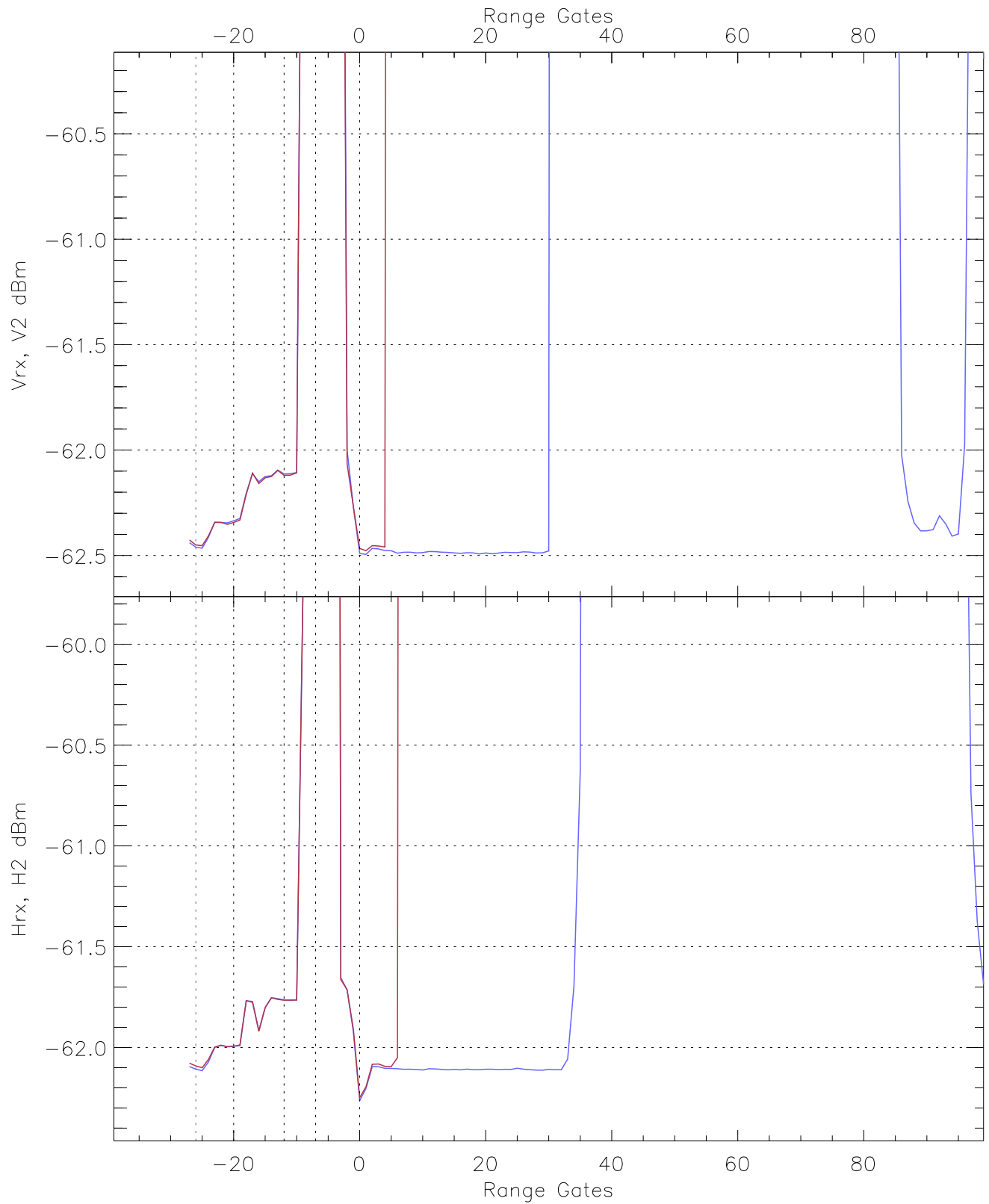


WCR2 CPP "Best" estimate Receivers Noise Power

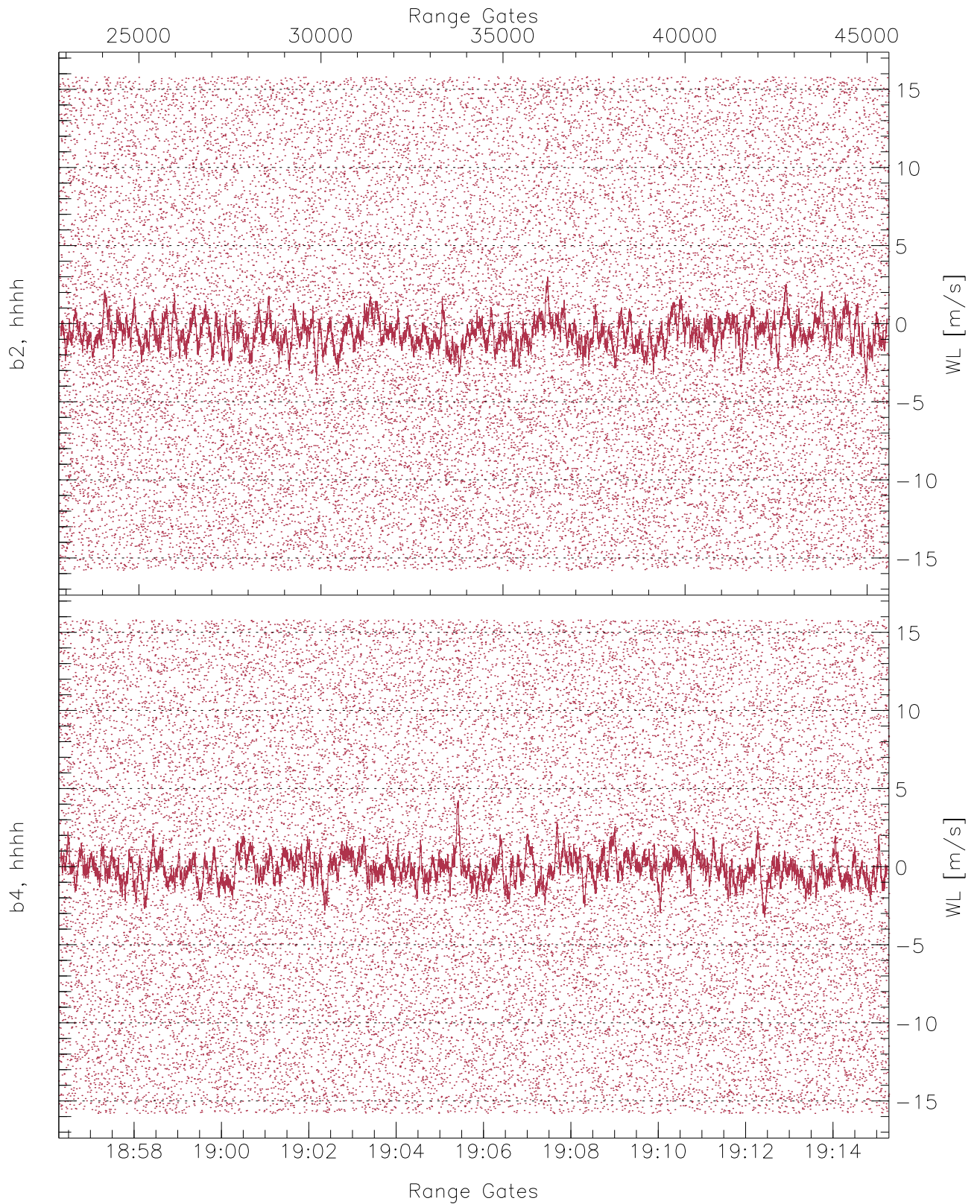
| | Min | Max | Mean | Median | StDev |
|-----------------|--------|--------|--------|--------|--------|
| V2RG163_0 [dBm] | -63.25 | -61.52 | -62.47 | -62.47 | -75.80 |
| H2RG175_0 [dBm] | -62.94 | -61.31 | -62.11 | -62.12 | -75.49 |



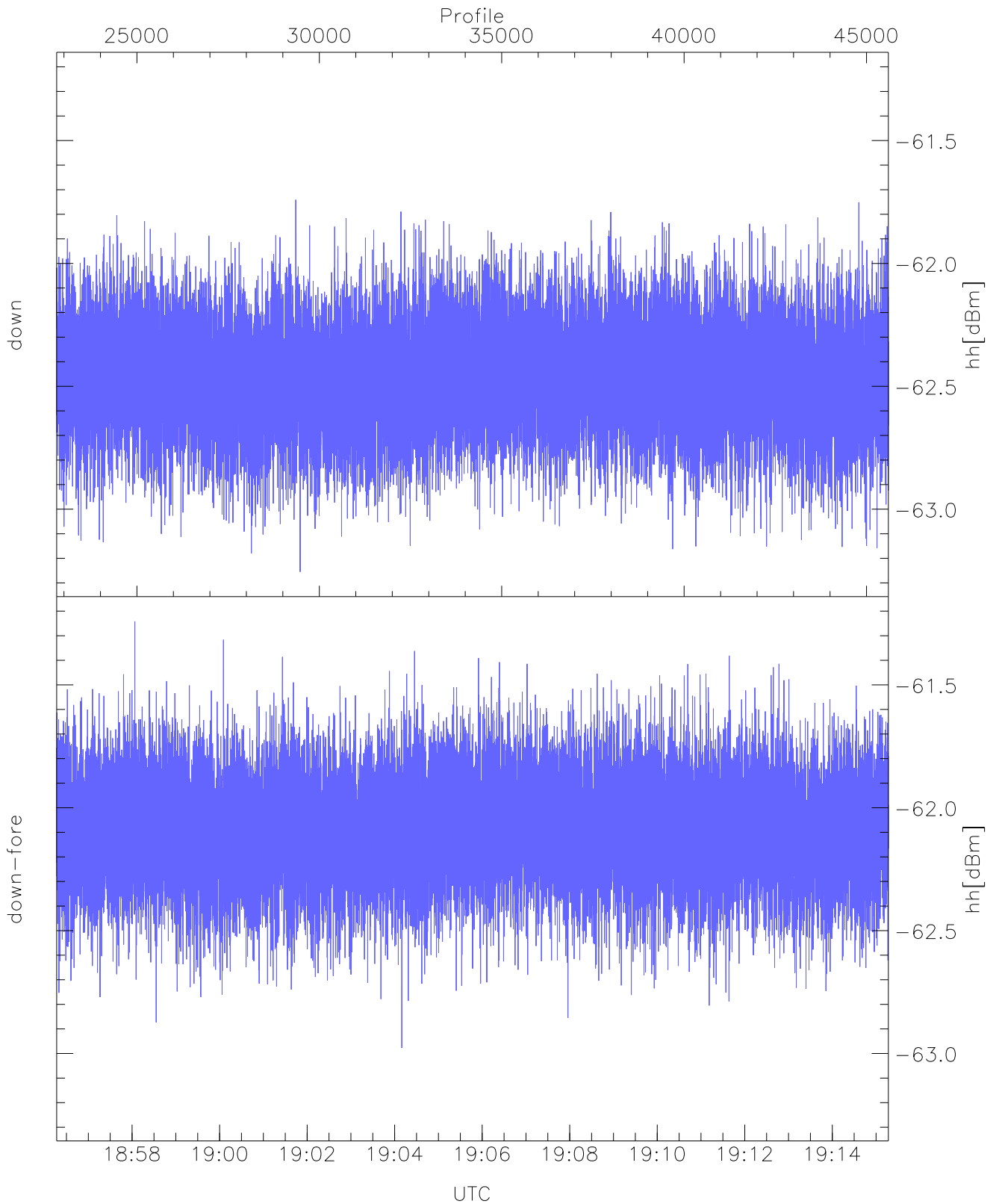
WCR2 CPP Averaged Received power for all recorded gates
blue: 185617-190547, 11401 profiles averaged
red: 190547-191517, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 185617-190547, 11401 profiles averaged
red: 190547-191517, 11400 profiles averaged

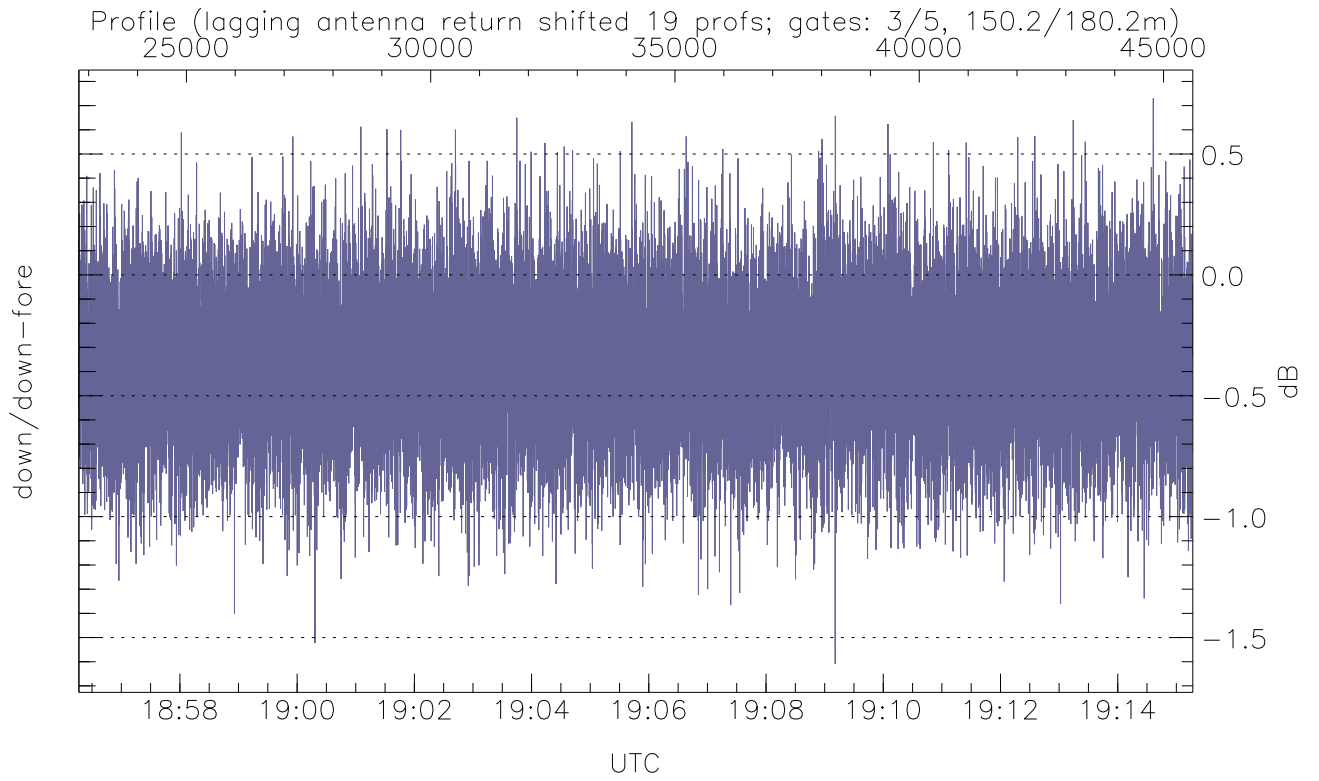


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



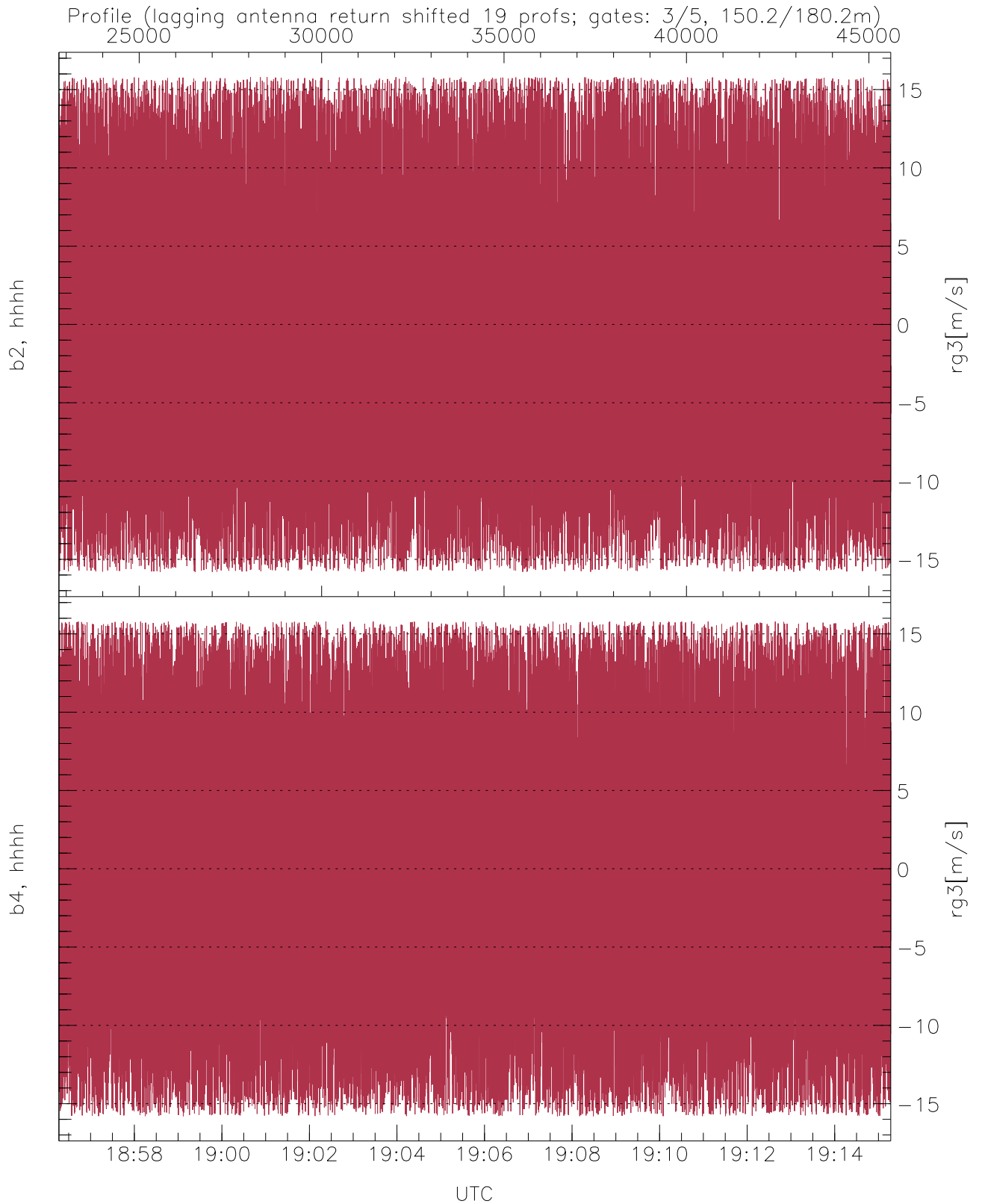
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

| | Min | Max | Mean |
|--------------------|--------|--------|--------|
| down(hh[dBm]) | -63.26 | -61.74 | -62.46 |
| down-fore(hh[dBm]) | -62.98 | -61.24 | -62.09 |



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

| | Min | Max | Mean |
|--------------------|-------|------|-------|
| down/down-fore(dB) | -1.61 | 0.73 | -0.36 |



WCR2 CPP Doppler Velocity Products at 150.2 m range

| | Min | Max | Mean | StDev |
|--------------------|--------|-------|-------|-------|
| b2, hhhh(rg3[m/s]) | -15.80 | 15.80 | -0.75 | 8.85 |
| b4, hhhh(rg3[m/s]) | -15.80 | 15.80 | -0.16 | 9.11 |