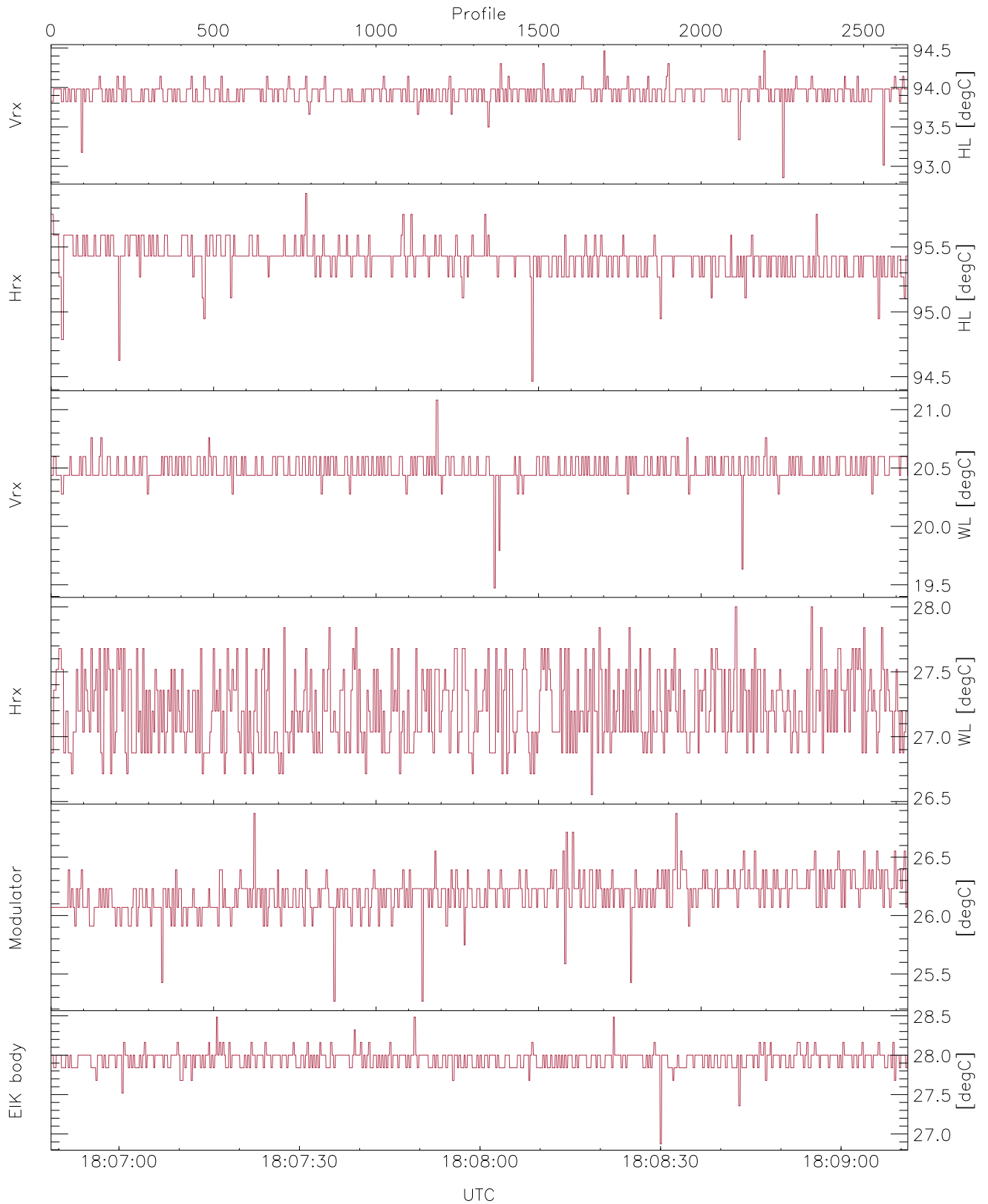


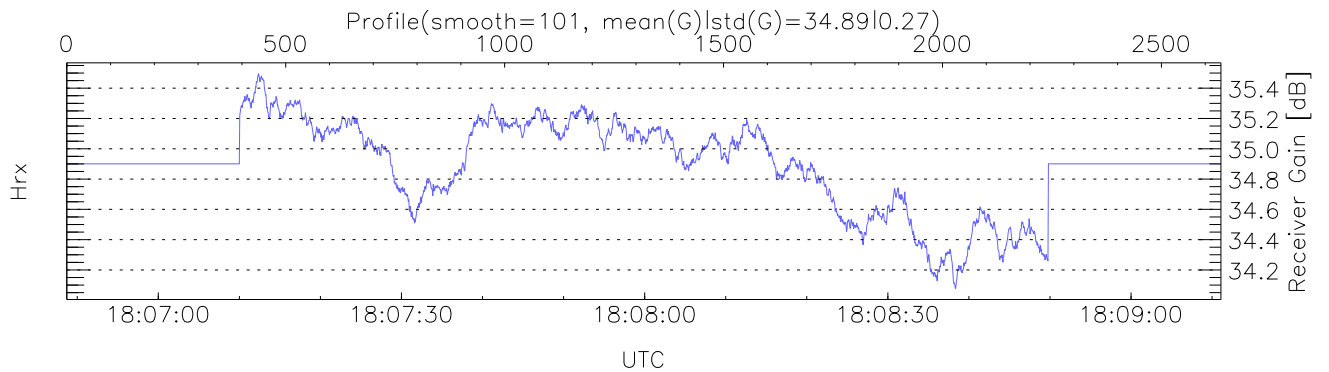
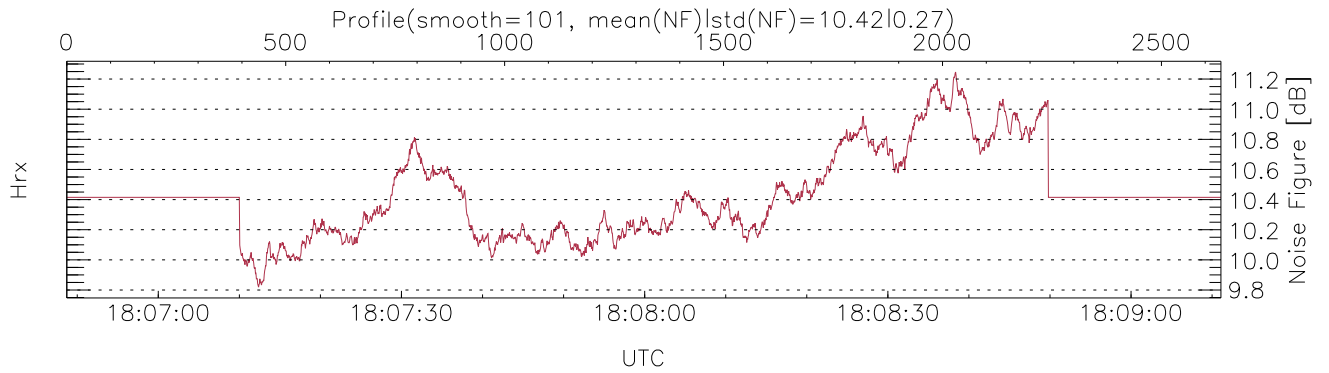
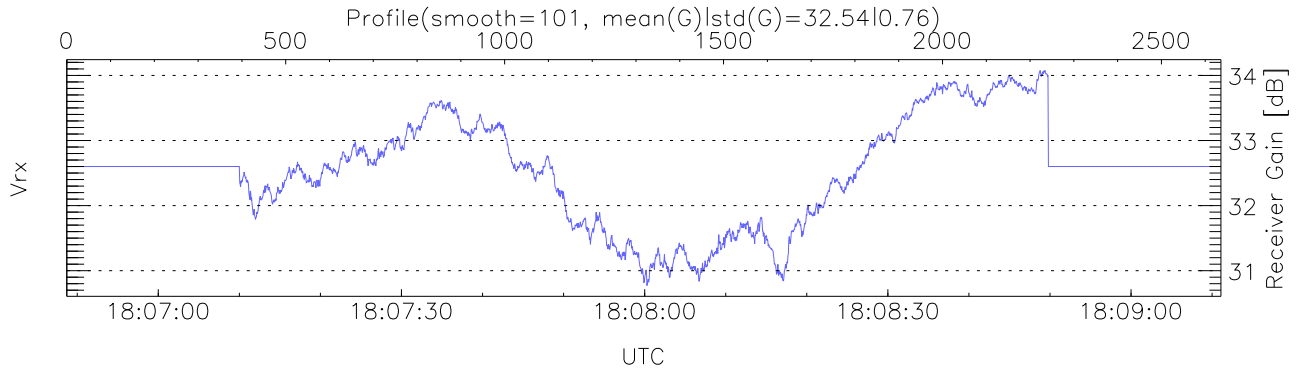
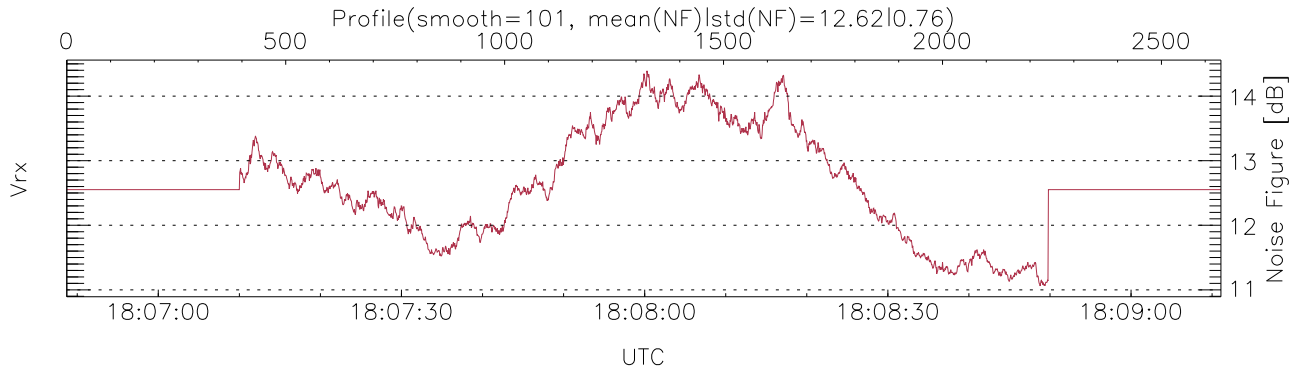
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:06:49-18:09:11, Dur: 142.38s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 2637/2637, 0-2636/18:06:49-18:09:11
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 100ns, IFF: 10.0MHz, 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): 82,2951,7.5 m, Gates: 383, Aspect: 1.5
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 0



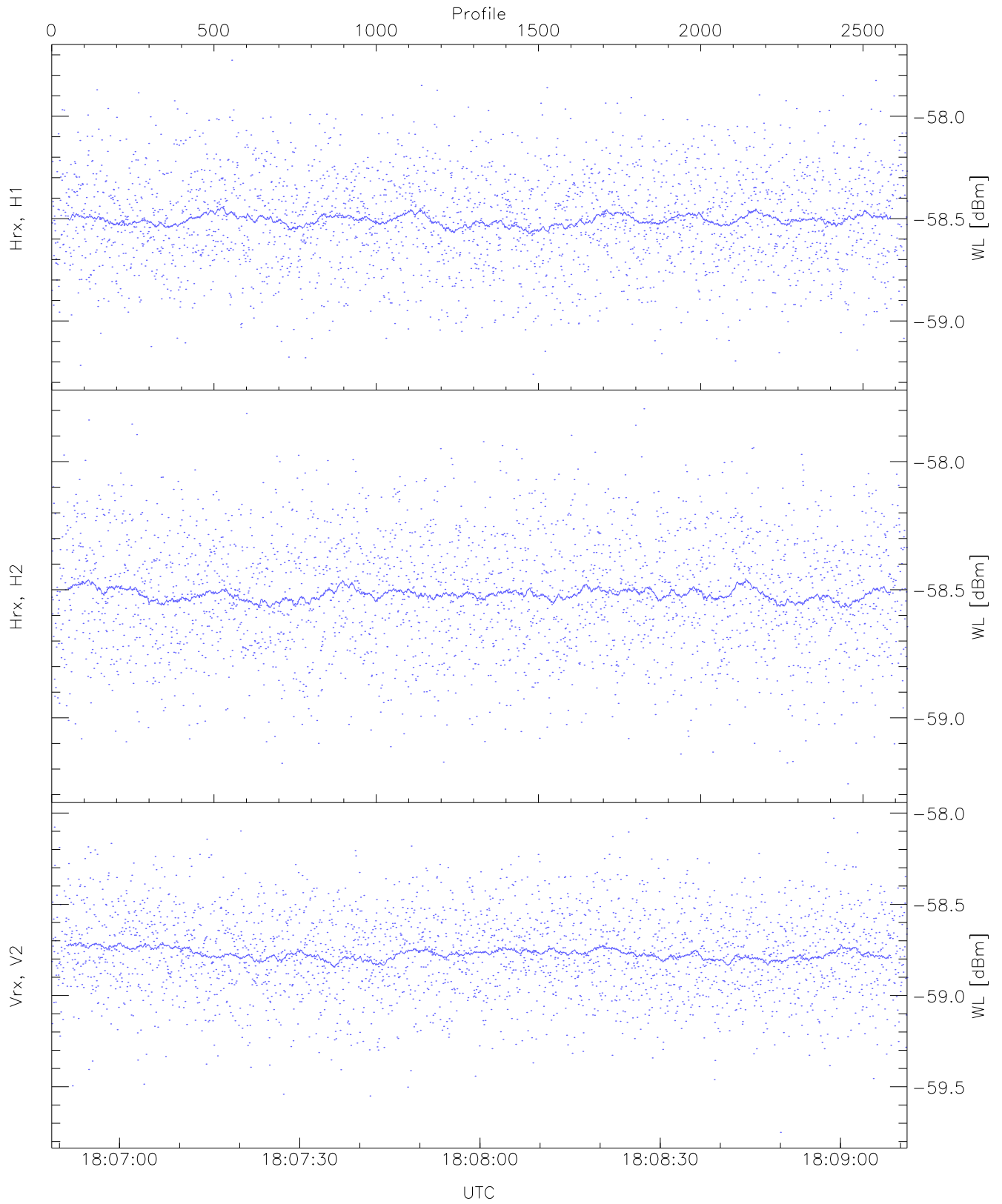
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,21,28,26,28
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



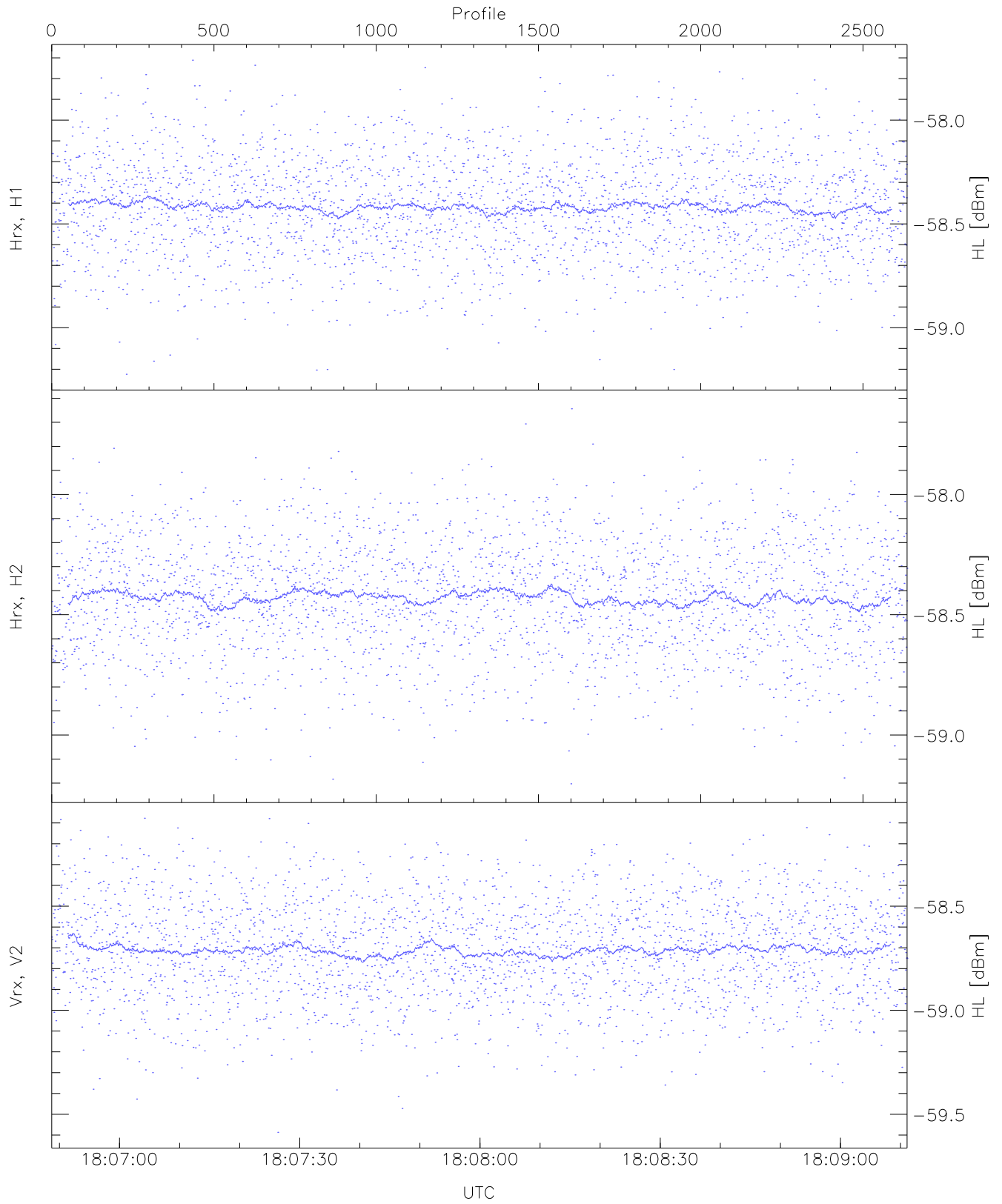
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prods



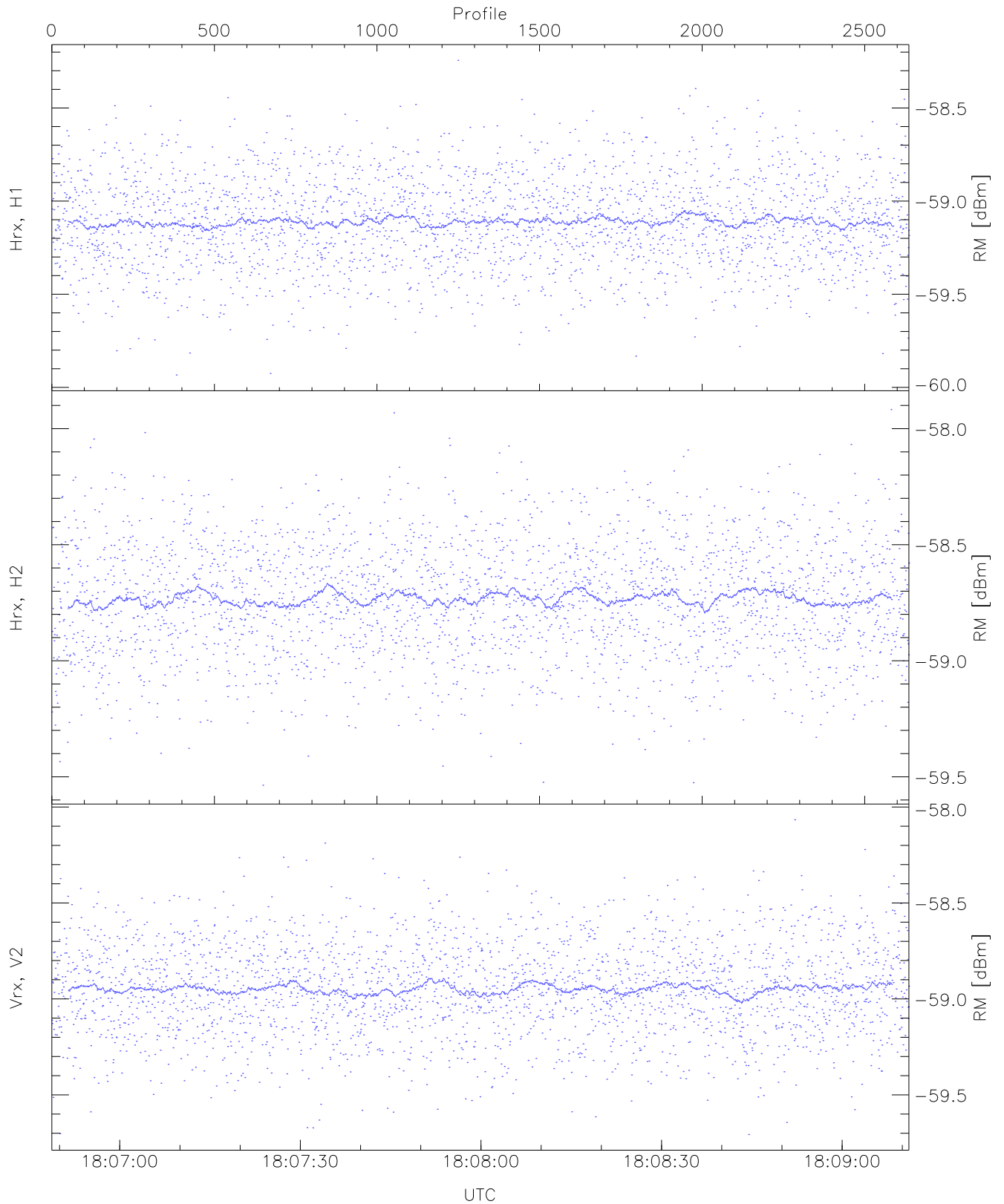
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (WL [dBm]) | -59.26 | -57.73 | -58.50 | -58.50 | -71.20 |
| Hrx, H2 (WL [dBm]) | -59.26 | -57.79 | -58.51 | -58.52 | -71.30 |
| Vrx, V2 (WL [dBm]) | -59.75 | -58.03 | -58.77 | -58.77 | -71.51 |



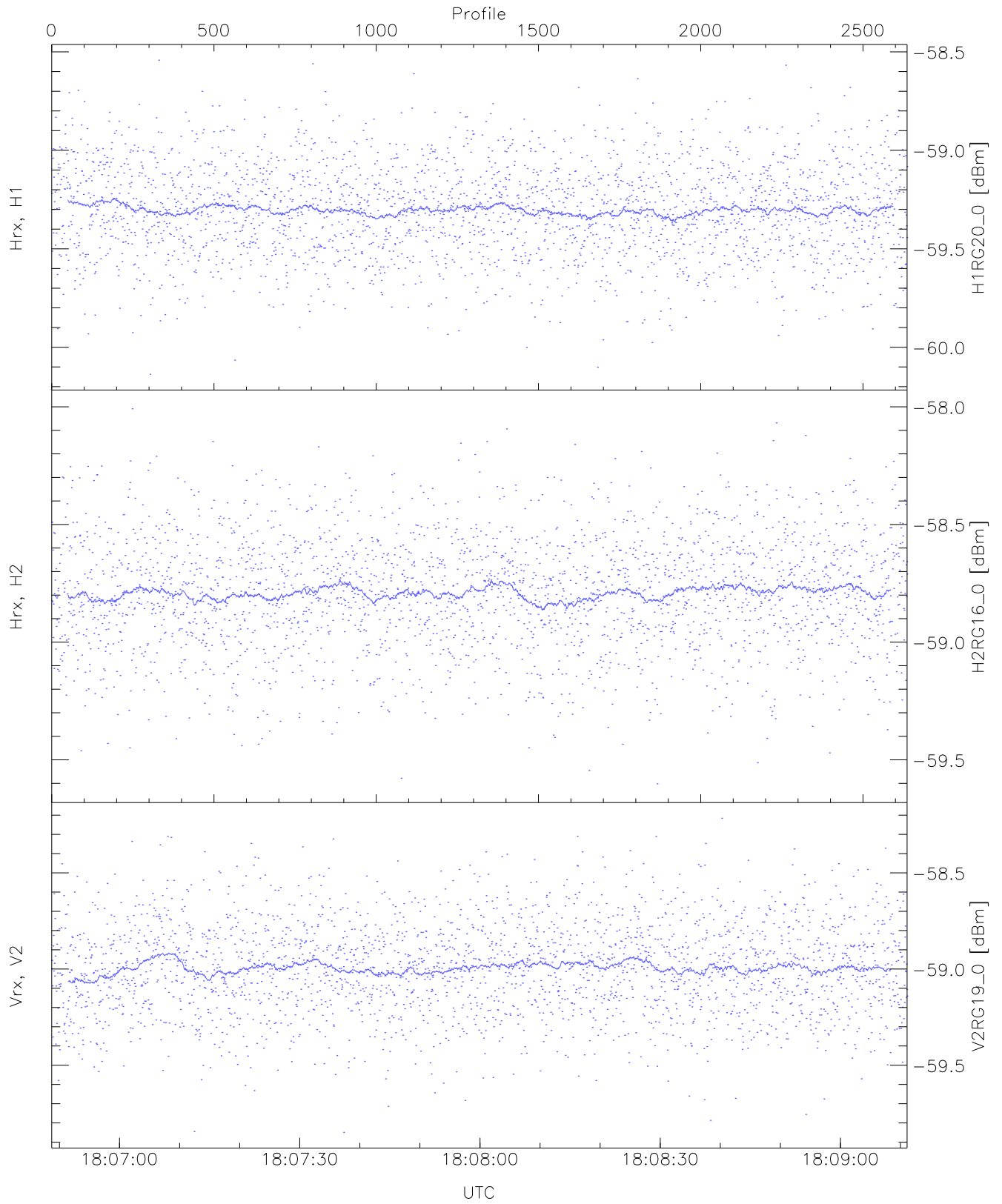
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (HL [dBm]) | -59.22 | -57.71 | -58.41 | -58.42 | -71.20 |
| Hrx, H2 (HL [dBm]) | -59.20 | -57.64 | -58.43 | -58.43 | -71.26 |
| Vrx, V2 (HL [dBm]) | -59.59 | -58.08 | -58.71 | -58.71 | -71.52 |



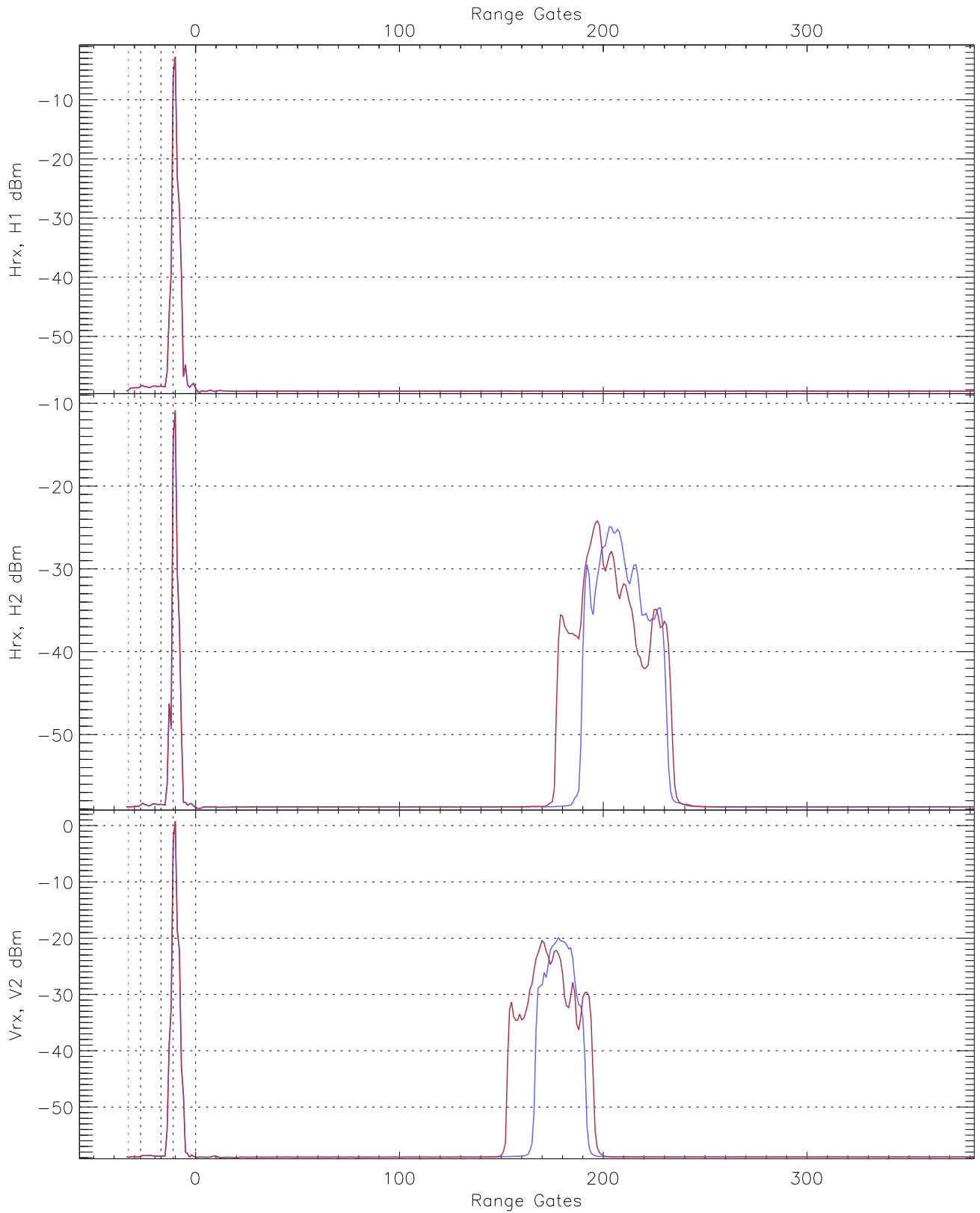
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

| | Min | Max | Mean | Median | StDev |
|--------------------|--------|--------|--------|--------|--------|
| Hrx, H1 (RM [dBm]) | -59.93 | -58.24 | -59.11 | -59.12 | -71.76 |
| Hrx, H2 (RM [dBm]) | -59.54 | -57.92 | -58.73 | -58.73 | -71.36 |
| Vrx, V2 (RM [dBm]) | -59.71 | -58.07 | -58.94 | -58.95 | -71.69 |

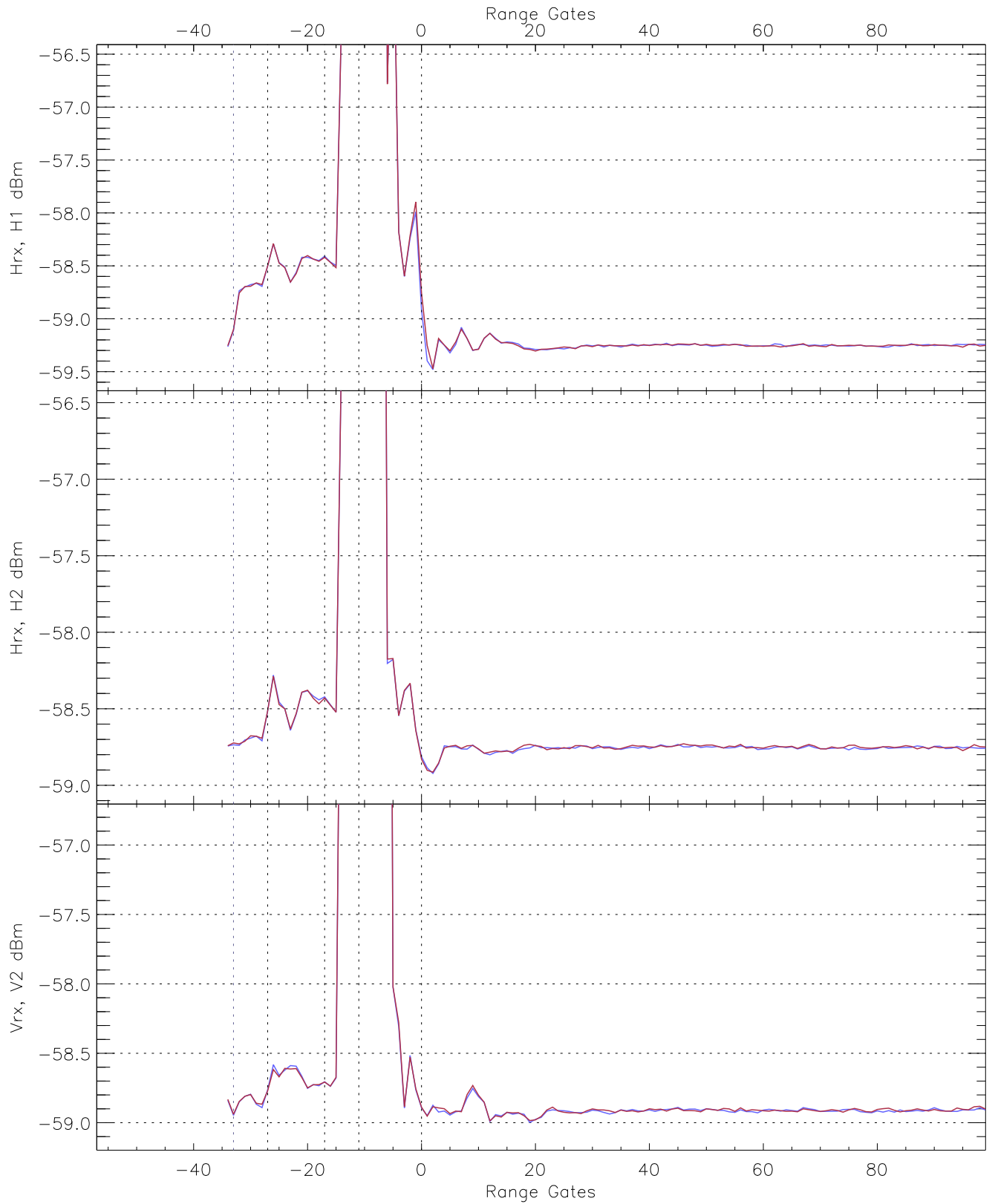


WCR2 CPP "Best" estimate Receivers Noise Power

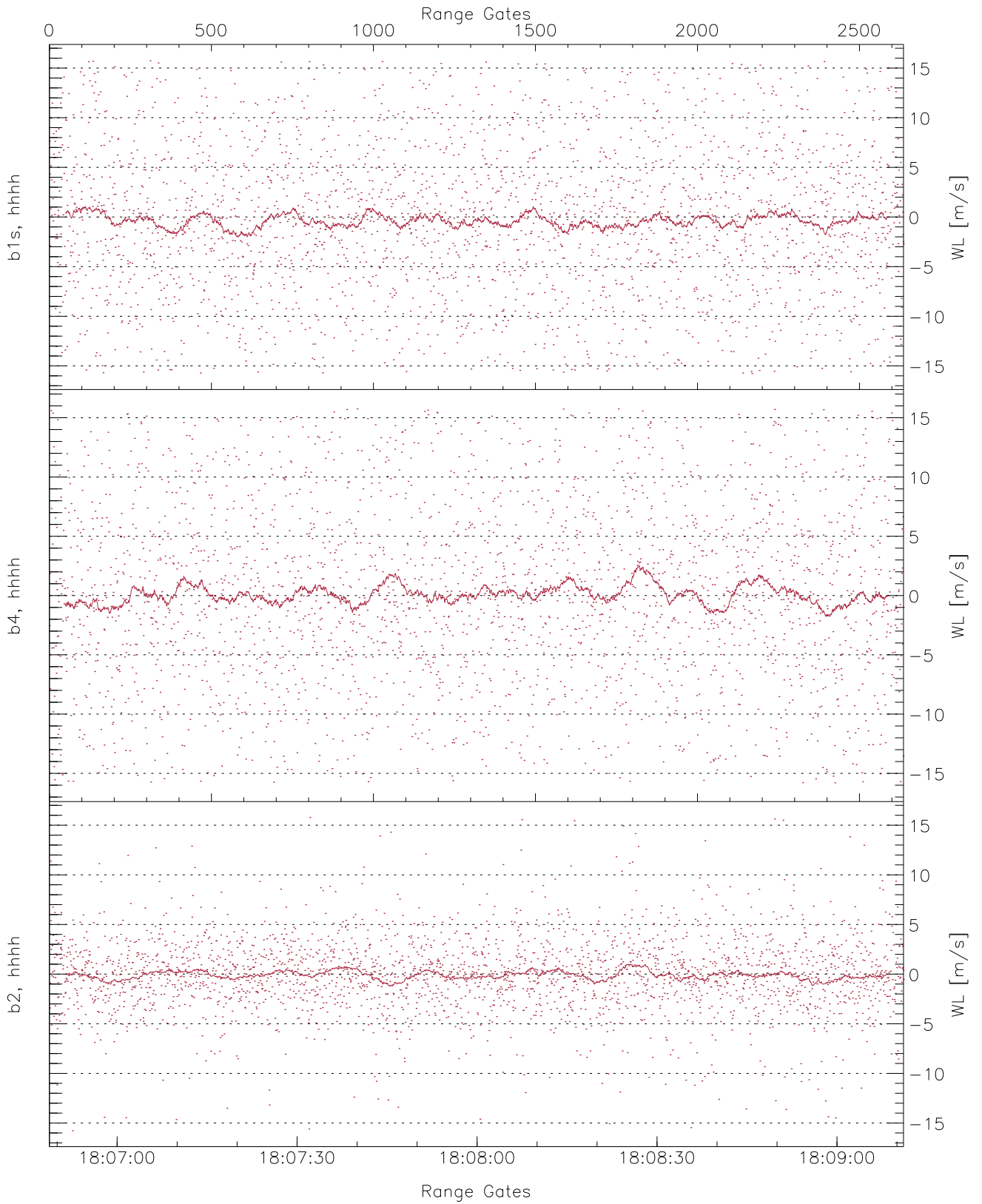
| | Min | Max | Mean | Median | StDev |
|----------------|--------|--------|--------|--------|--------|
| H1RG20_0 [dBm] | -60.14 | -58.54 | -59.30 | -59.30 | -72.09 |
| H2RG16_0 [dBm] | -59.60 | -58.01 | -58.79 | -58.79 | -71.53 |
| V2RG19_0 [dBm] | -59.85 | -58.22 | -58.99 | -59.00 | -71.69 |



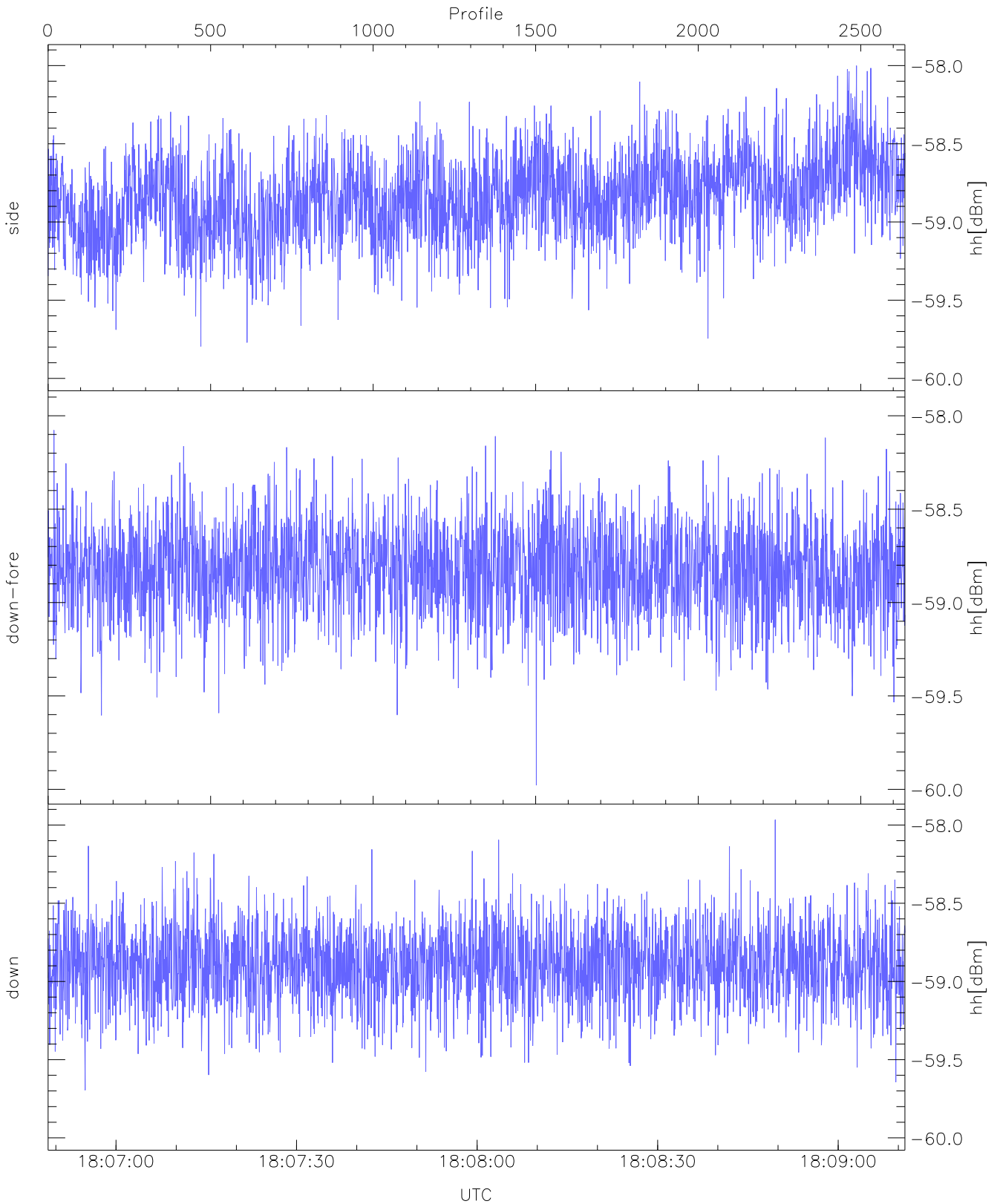
WCR2 CPP Averaged Received power for all recorded gates
blue: 180649-180800, 1319 profiles averaged
red: 180800-180911, 1319 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 180649-180800, 1319 profiles averaged
red: 180800-180911, 1319 profiles averaged

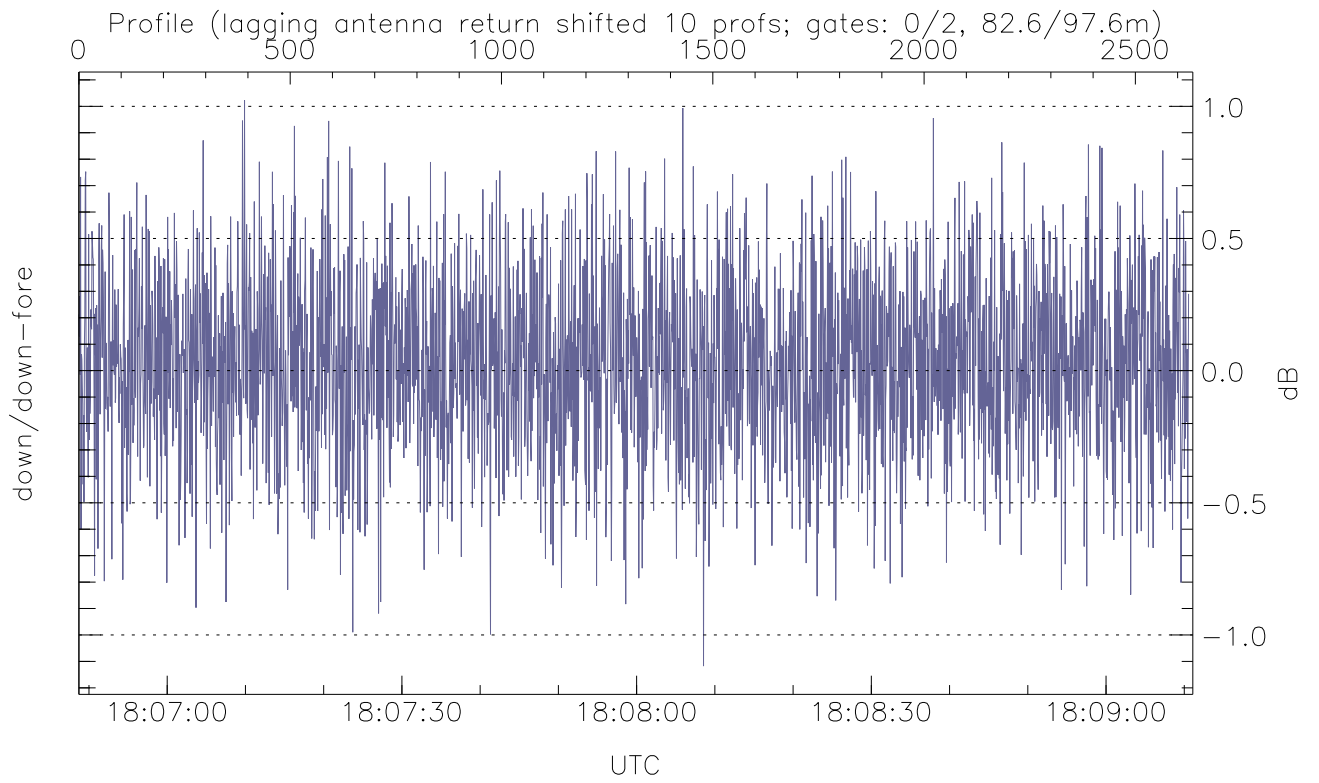


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



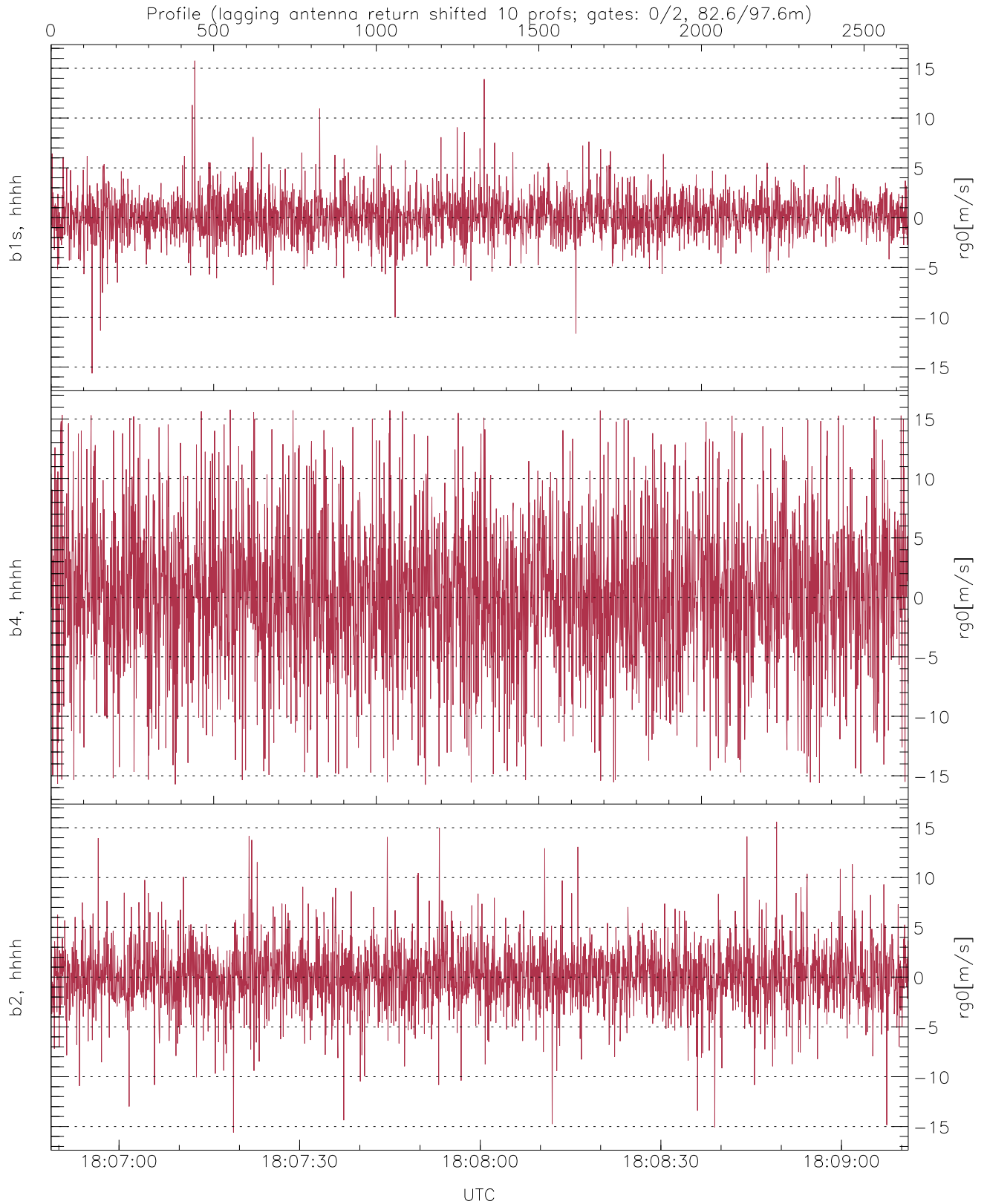
WCR2 CPP Received Power Products for Range gate 0 (82.6 m)

| | Min | Max | Mean |
|--------------------|--------|--------|--------|
| side(hh[dBm]) | -59.80 | -58.00 | -58.84 |
| down-fore(hh[dBm]) | -59.98 | -58.08 | -58.82 |
| down(hh[dBm]) | -59.69 | -57.97 | -58.89 |



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 0 (82 m)

| | Min | Max | Mean |
|--------------------|-------|------|------|
| down/down-fore(dB) | -1.12 | 1.02 | 0.03 |



WCR2 CPP Doppler Velocity Products at 82.6 m range

| | Min | Max | Mean | StDev |
|---------------------|--------|-------|------|-------|
| b1s, hhhh(rg0[m/s]) | -15.63 | 15.76 | 0.17 | 2.14 |
| b4, hhhh(rg0[m/s]) | -15.75 | 15.78 | 0.13 | 6.10 |
| b2, hhhh(rg0[m/s]) | -15.60 | 15.58 | 0.07 | 3.18 |