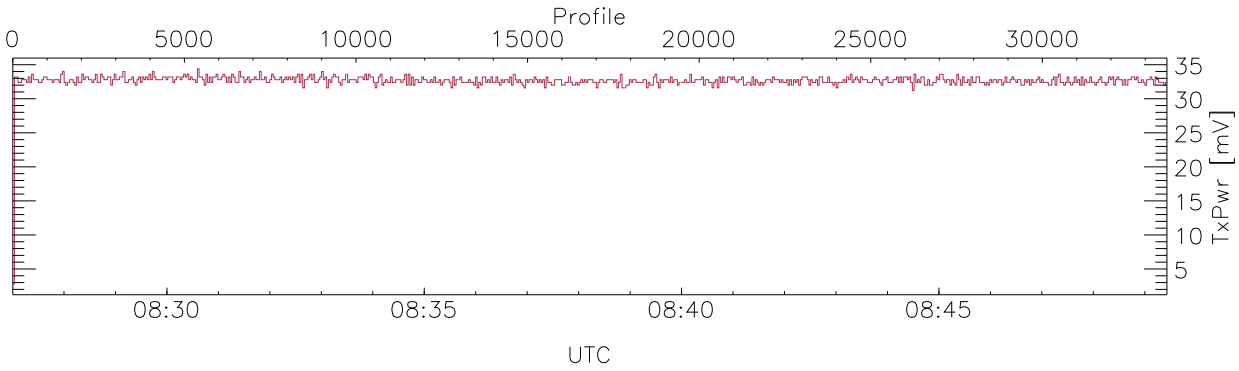
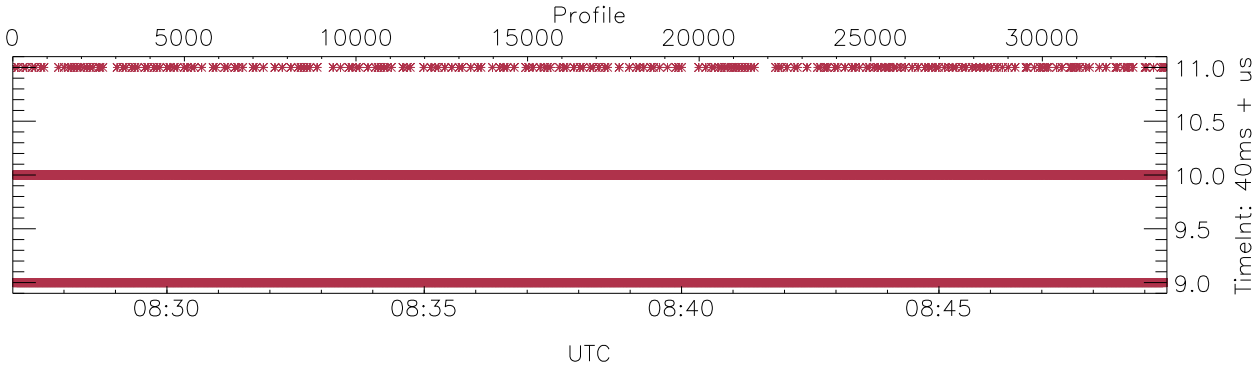
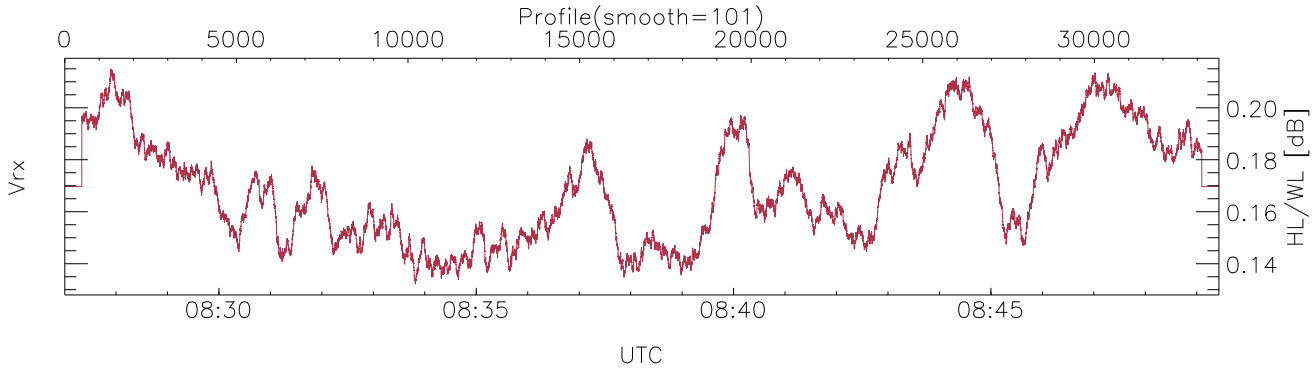
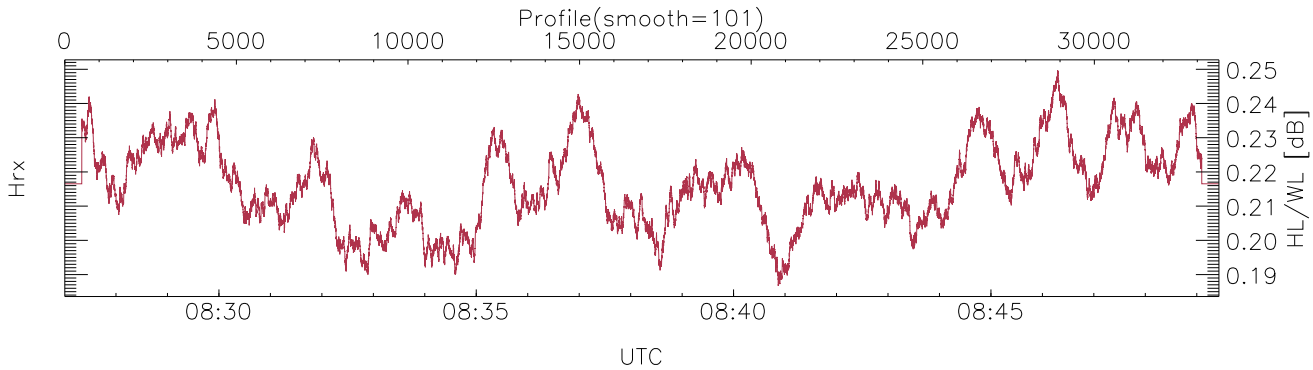


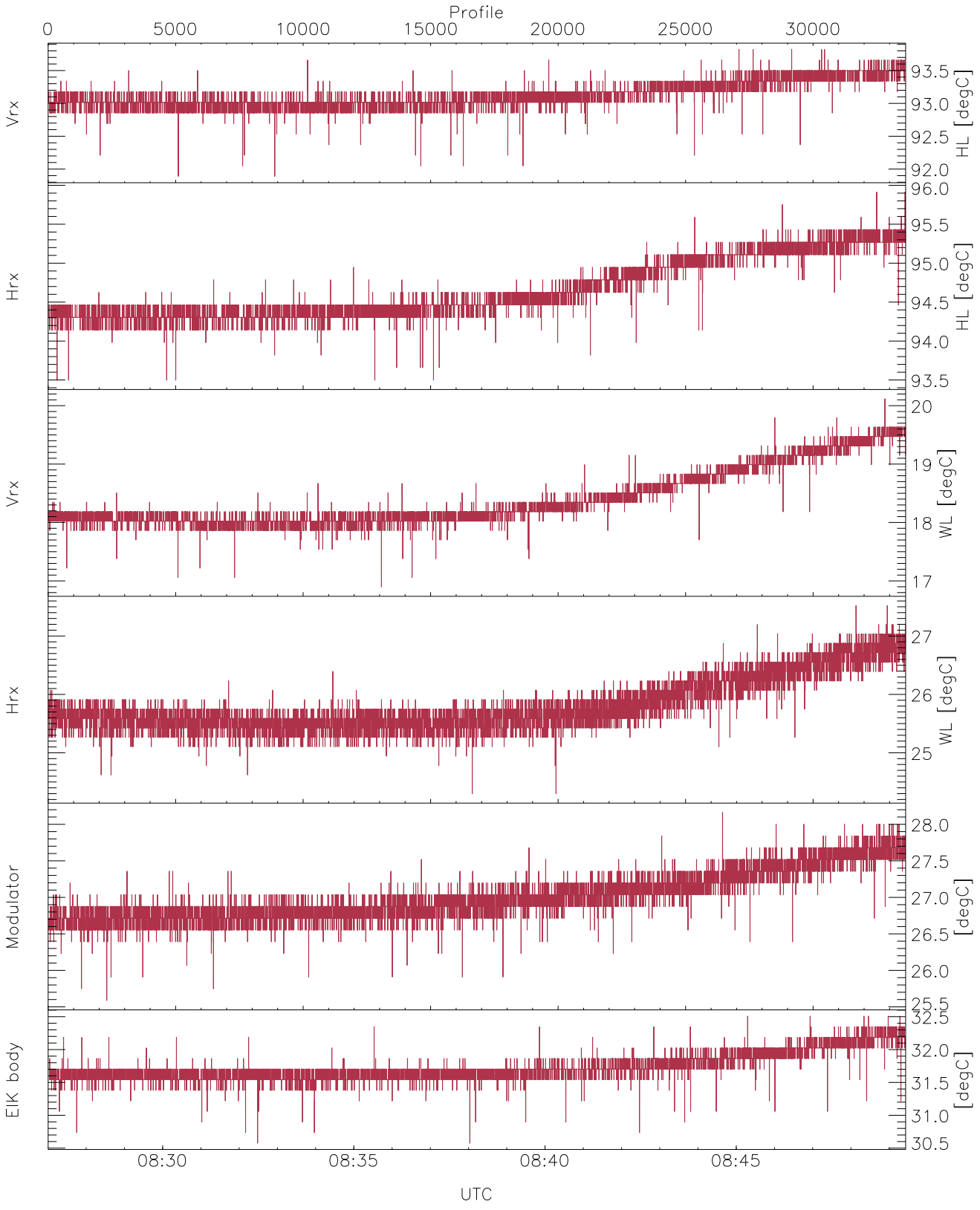






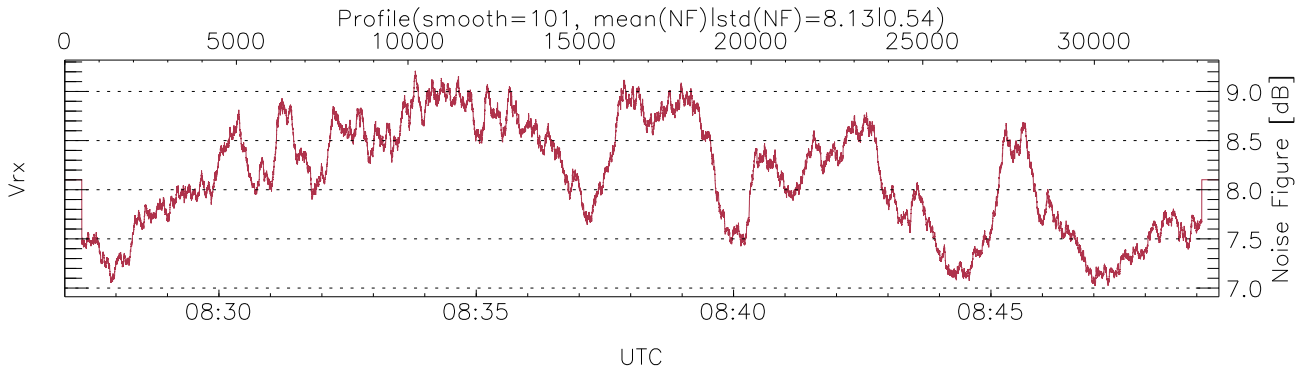
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

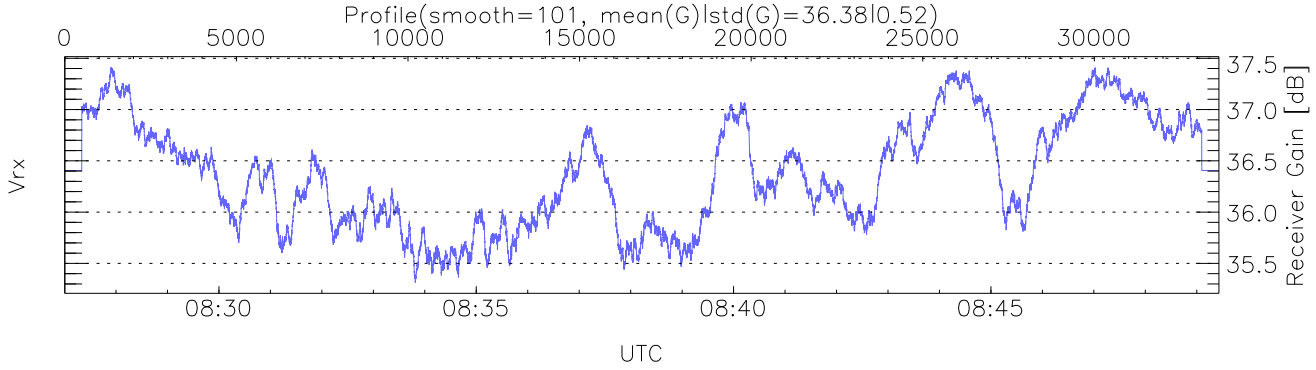
UTC: 08:27:00-08:49:26, Dur: 1345.58s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 40.0,40.0,40.0,0.0 ms / 25,25,25
NumRec(r/t): 33632/33632, 0-33631/08:27:00-08:49:26
AcqTime: 40.0ms, Rate: 264KB/s, Averages: 200
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 V2 V2
PRF: 20.0 20.0 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|sideluplerror): 1

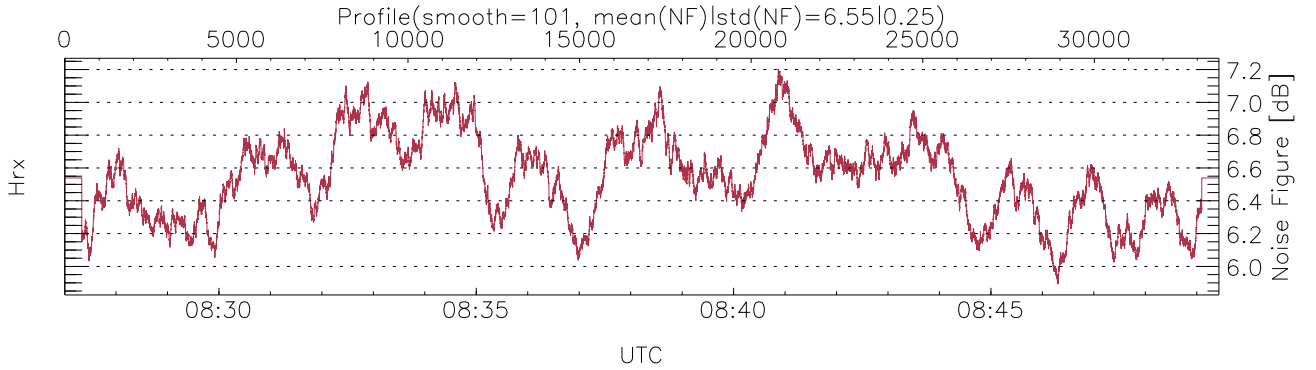


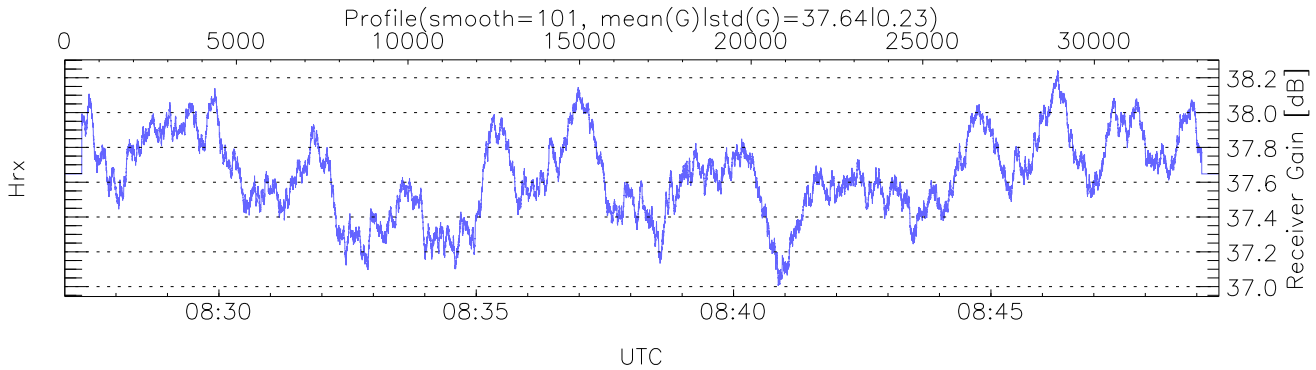
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

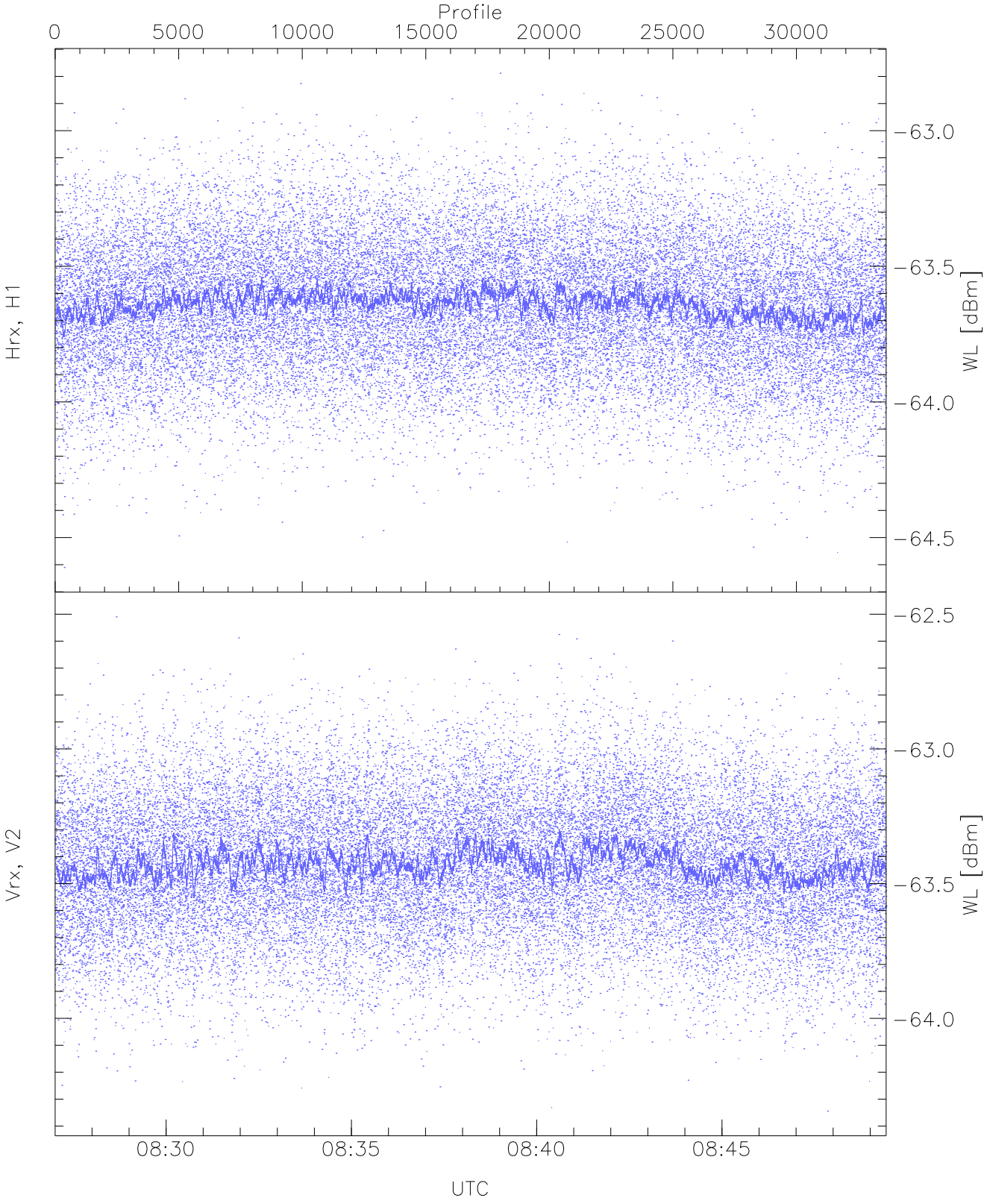
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,16,24,25,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,27,28,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None


Profile(smooth=101, mean(NF)|std(NF)=8.13|0.54)
0
5000
10000
15000
20000
25000
30000
Vrx
9.0
8.5
8.0
7.5
7.0
Noise Figure [dB]
08:30
08:35
08:40
08:45
UTC


Profile(smooth=101, mean(G)|std(G)=36.38|0.52)
0
5000
10000
15000
20000
25000
30000
Vrx
37.5
37.0
36.5
36.0
35.5
Receiver Gain [dB]
08:30
08:35
08:40
08:45
UTC

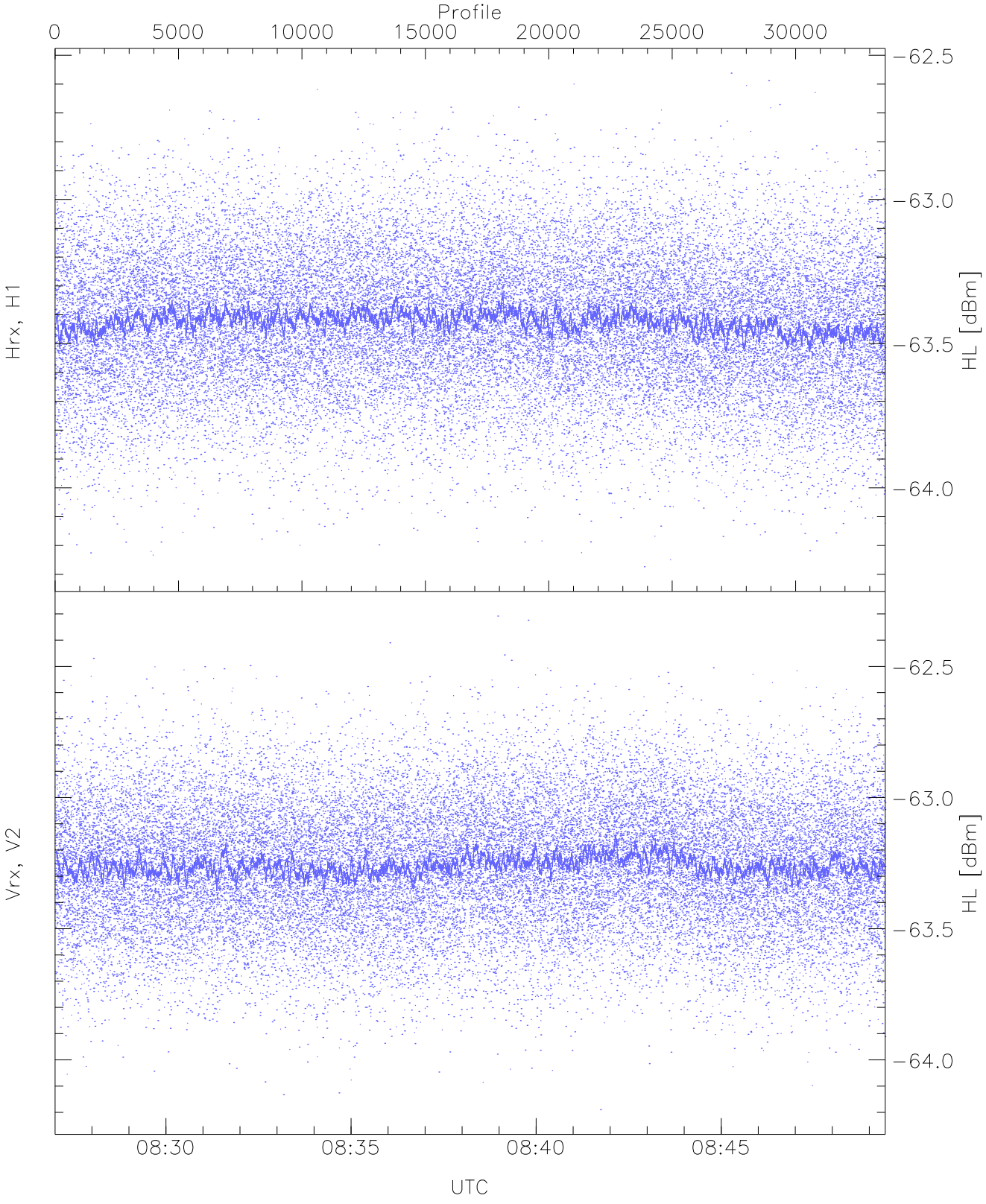

Profile(smooth=101, mean(NF)|std(NF)=6.55|0.25)
0
5000
10000
15000
20000
25000
30000
Hrx
7.2
7.0
6.8
6.6
6.4
6.2
6.0
Noise Figure [dB]
08:30
08:35
08:40
08:45
UTC


Profile(smooth=101, mean(G)|std(G)=37.64|0.23)
0
5000
10000
15000
20000
25000
30000
Hrx
38.2
38.0
37.8
37.6
37.4
37.2
37.0
Receiver Gain [dB]
08:30
08:35
08:40
08:45
UTC



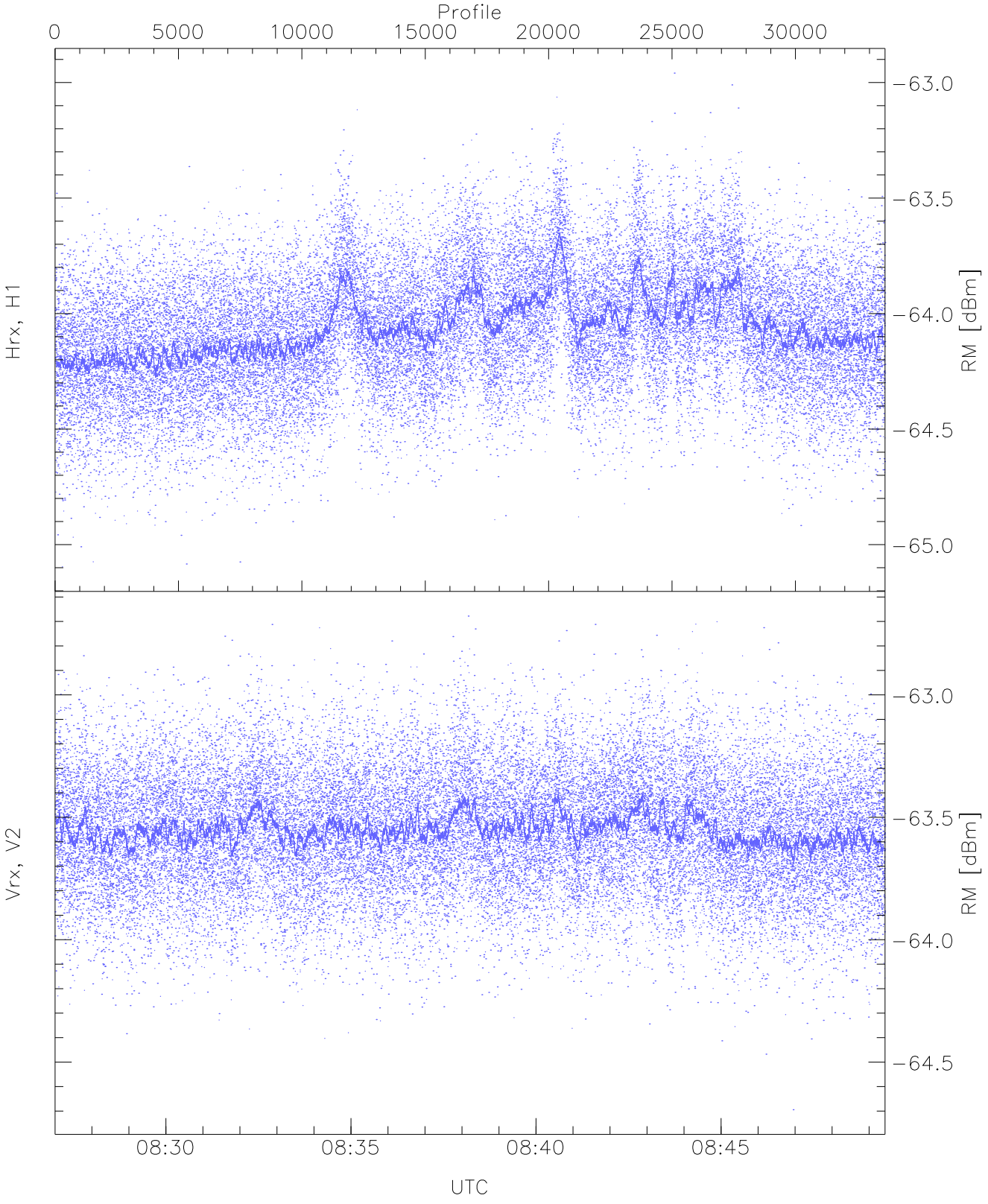
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.61	-62.79	-63.64	-63.64	-76.52
Vrx, V2(WL [dBm])	-64.34	-62.51	-63.42	-63.43	-76.22



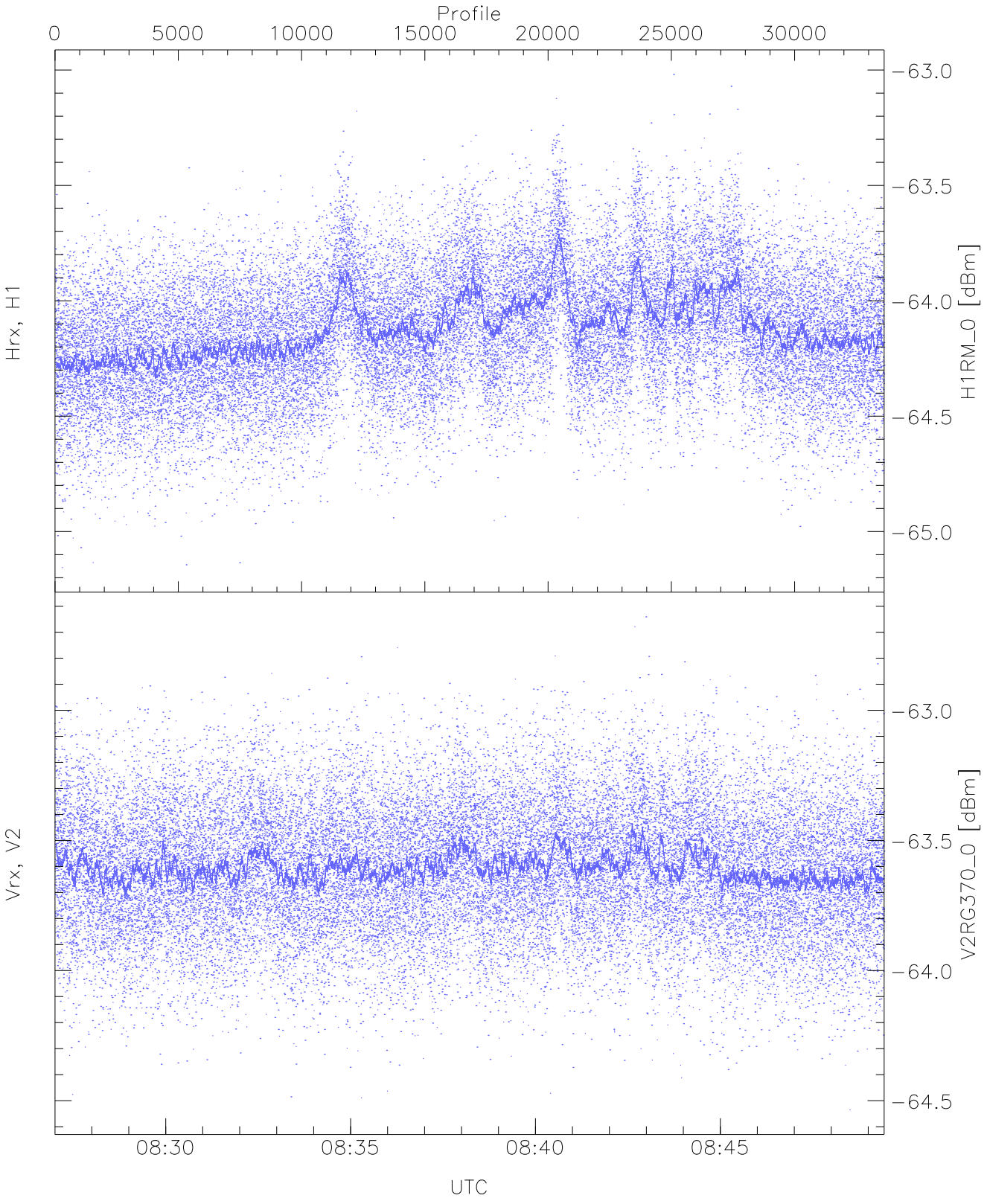
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-64.27	-62.56	-63.42	-63.42	-76.30
Vrx, V2(HL [dBm])	-64.19	-62.31	-63.26	-63.26	-76.12



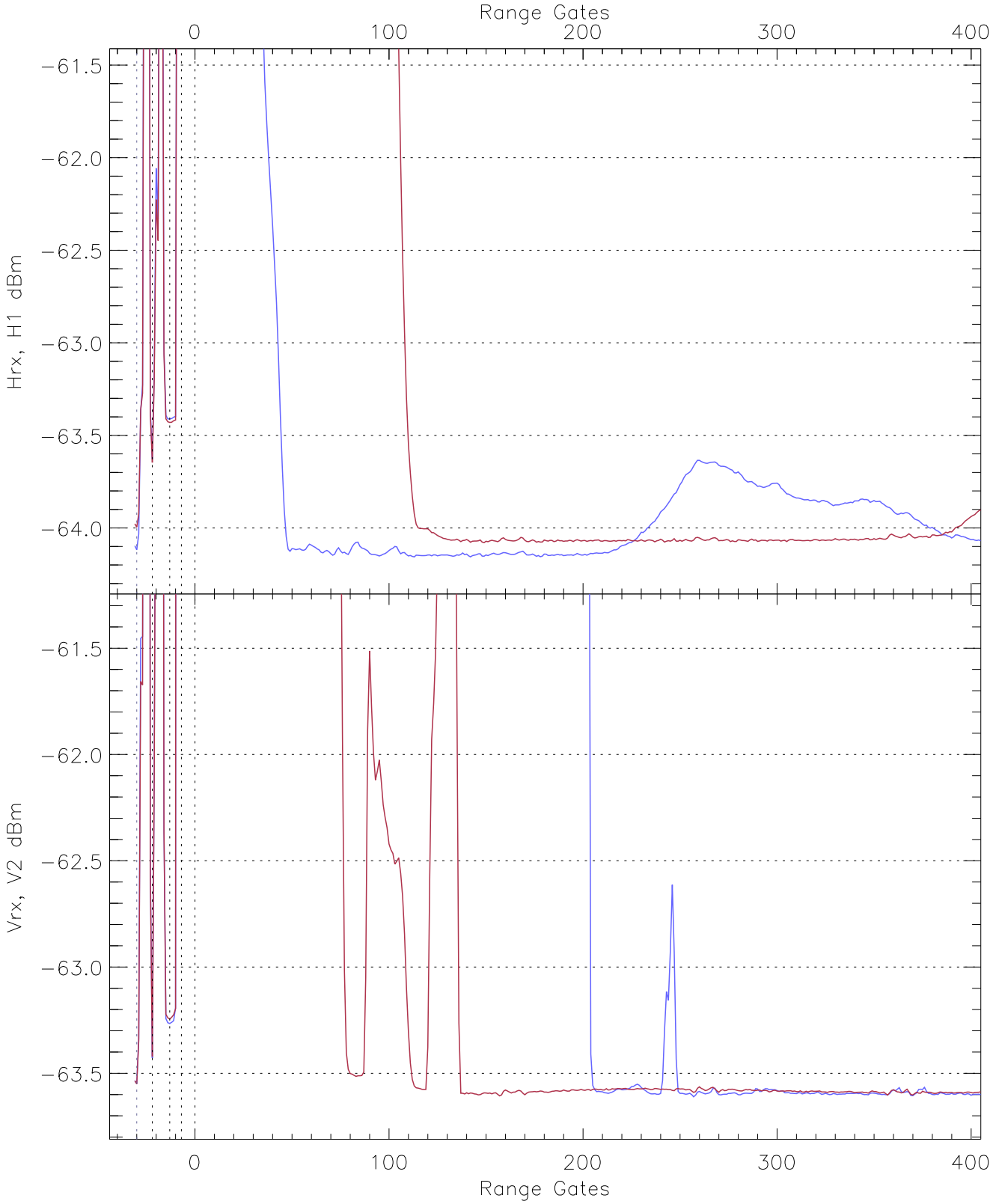
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.10	-62.96	-64.06	-64.06	-76.42
Vrx, V2(RM [dBm])	-64.69	-62.68	-63.55	-63.55	-76.35

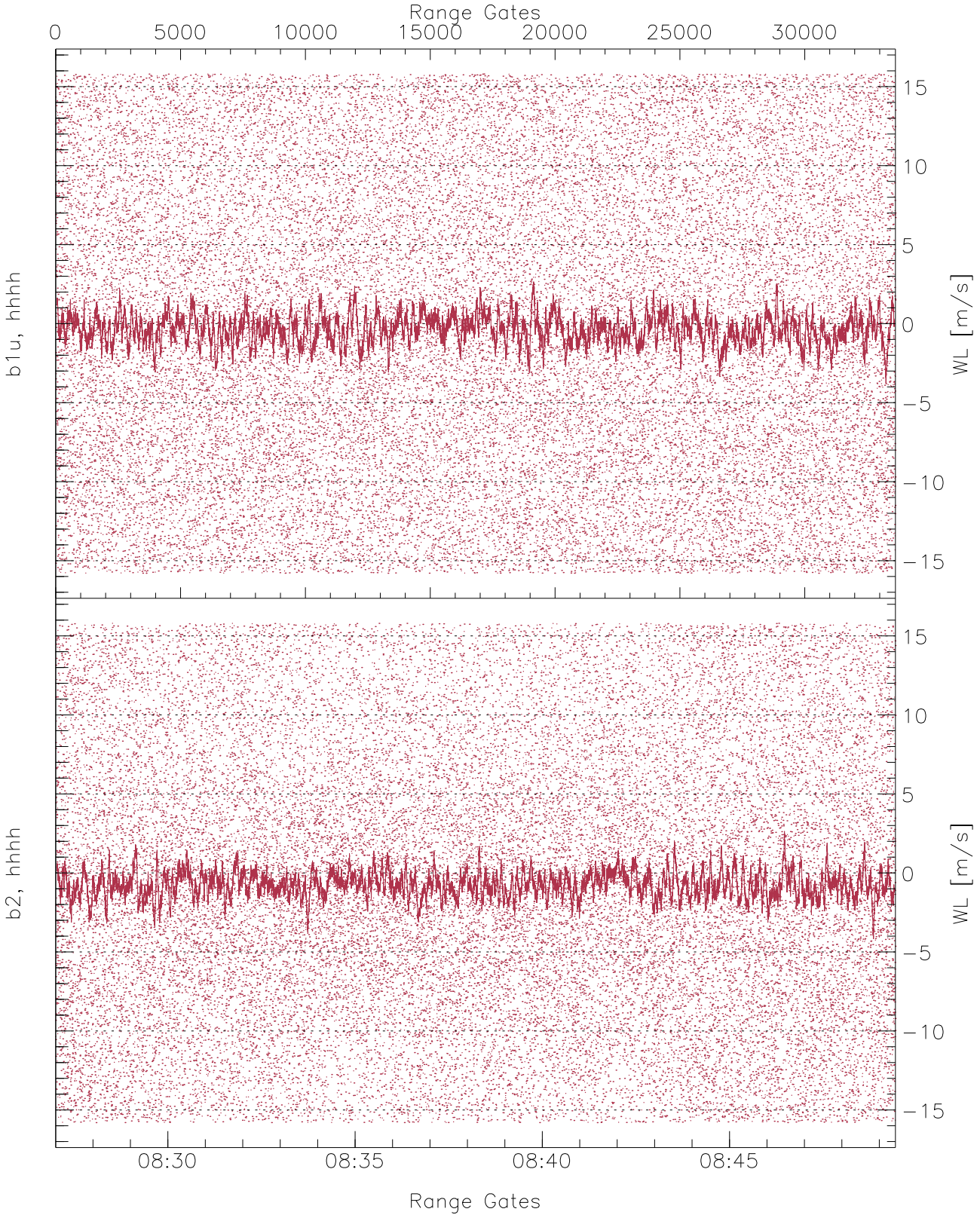


WCR2 CPP "Best" estimate Receivers Noise Power

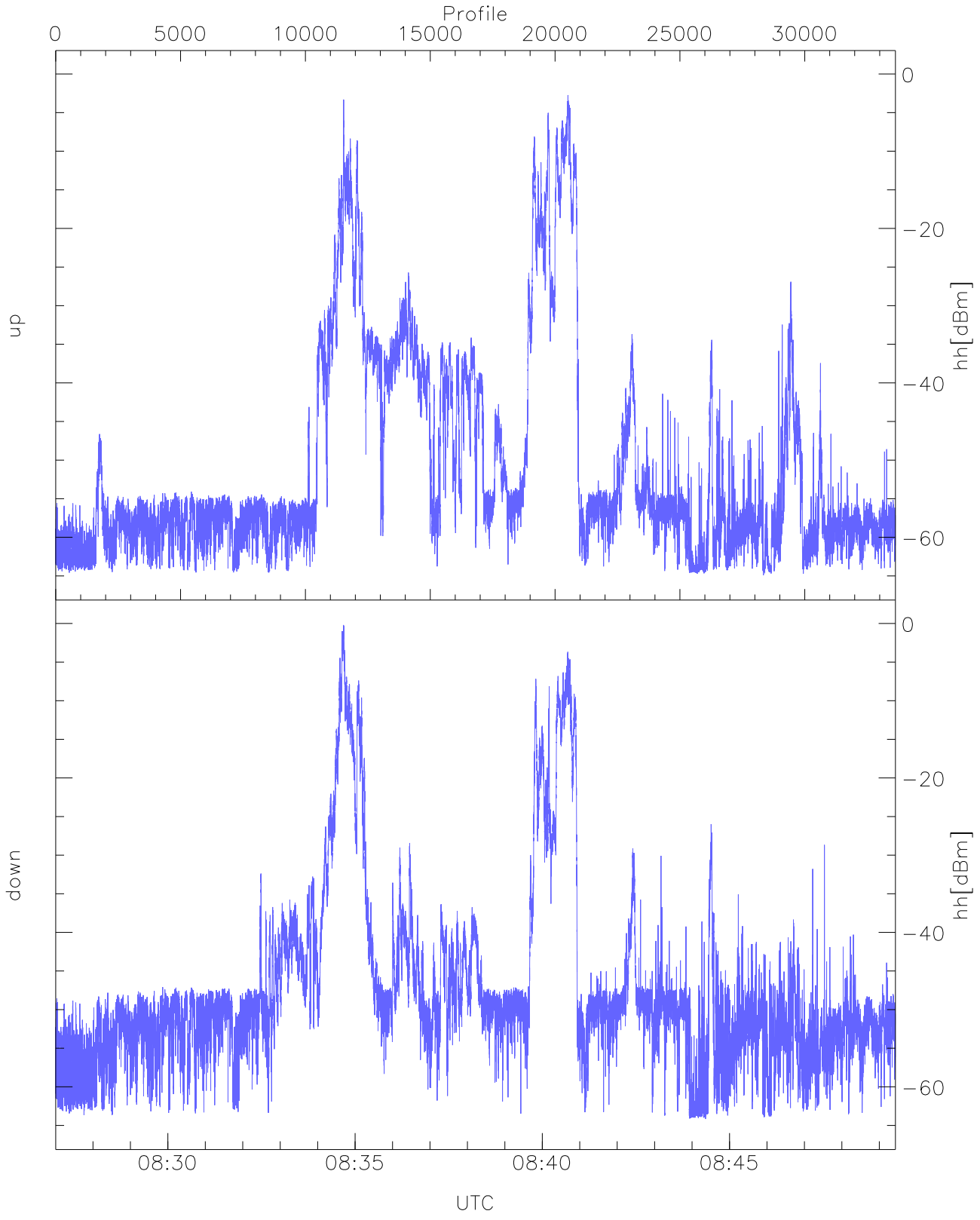
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-65.16	-63.02	-64.12	-64.12	-76.48
V2RG370_0 [dBm]	-64.54	-62.64	-63.60	-63.61	-76.42



WCR2 CPP Averaged Received power for all recorded gates
blue: 082700-83813, 16817 profiles averaged
red: 83813-084926, 16816 profiles averaged

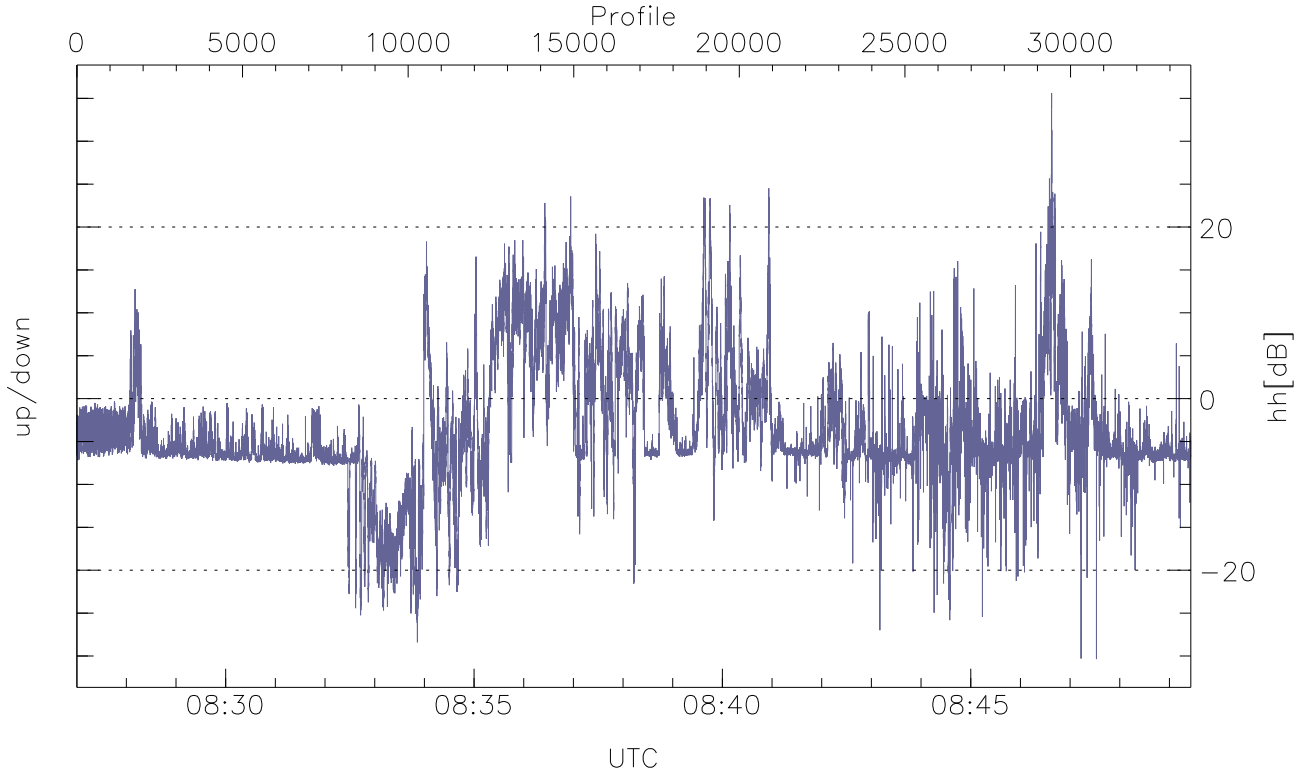


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



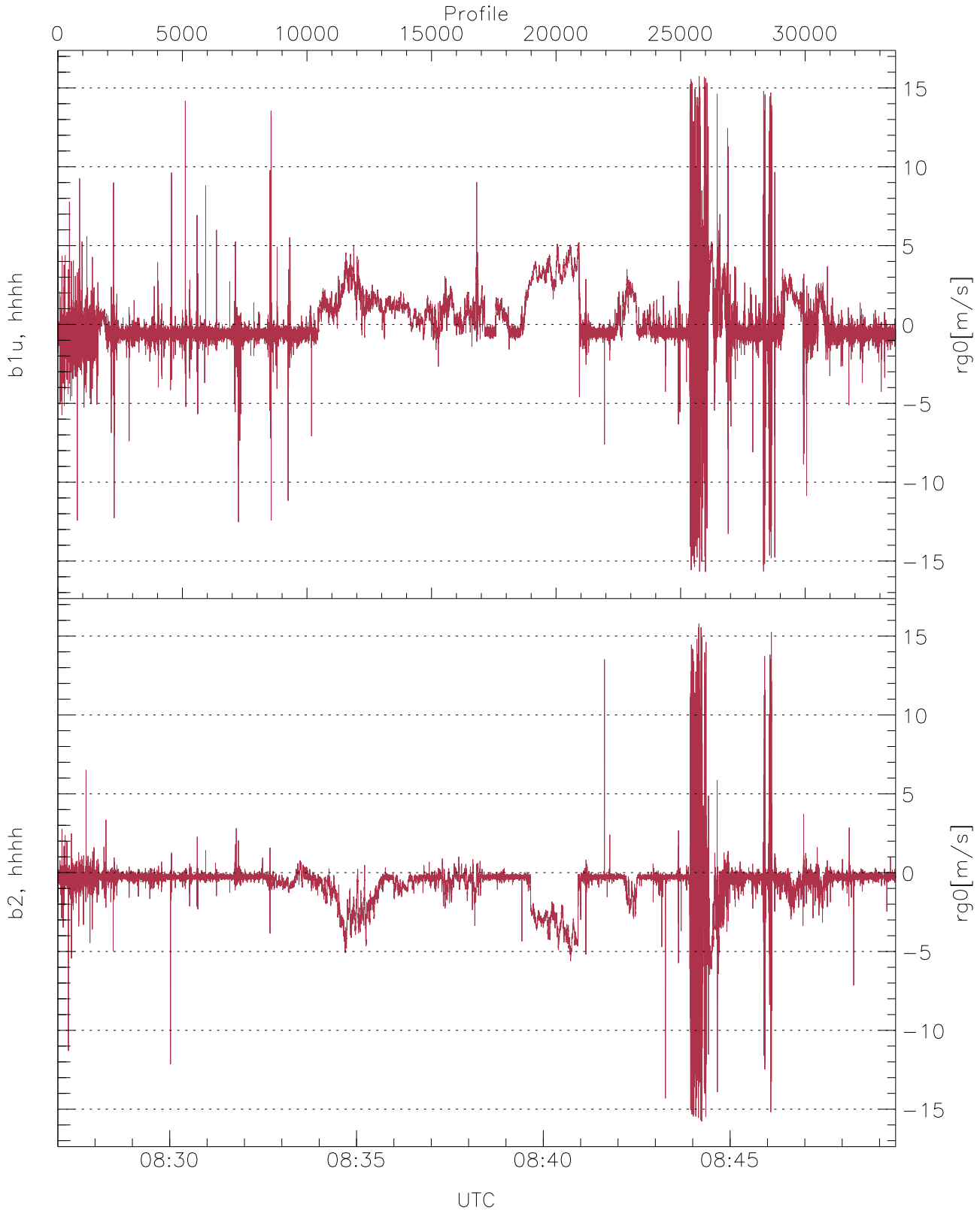
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.89	-2.76	-23.67
down(hh[dBm])	-64.17	-0.20	-21.68



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

	Min	Max	Mean
up/down(hh[dB])	-30.35	35.59	-3.53



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.69	15.75	0.26	1.80
b2, hhhh(rg0[m/s])	-15.77	15.80	-0.72	1.42