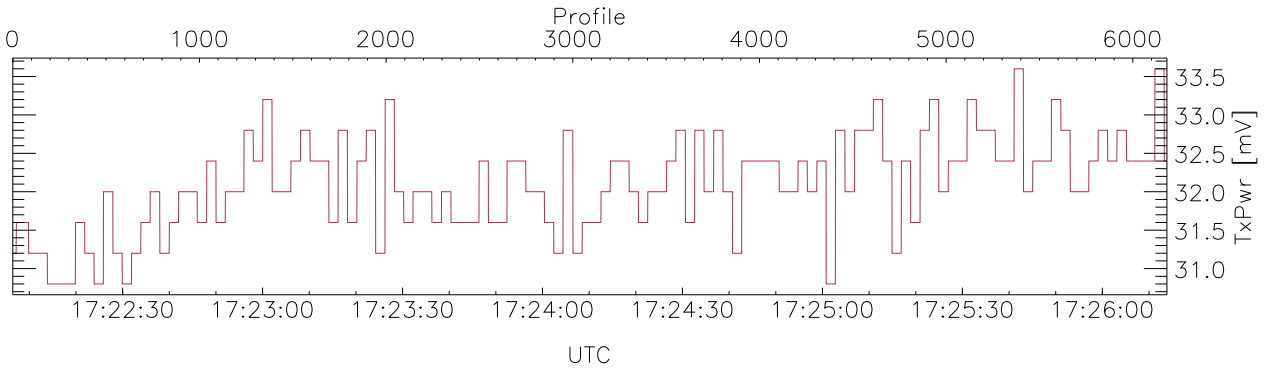
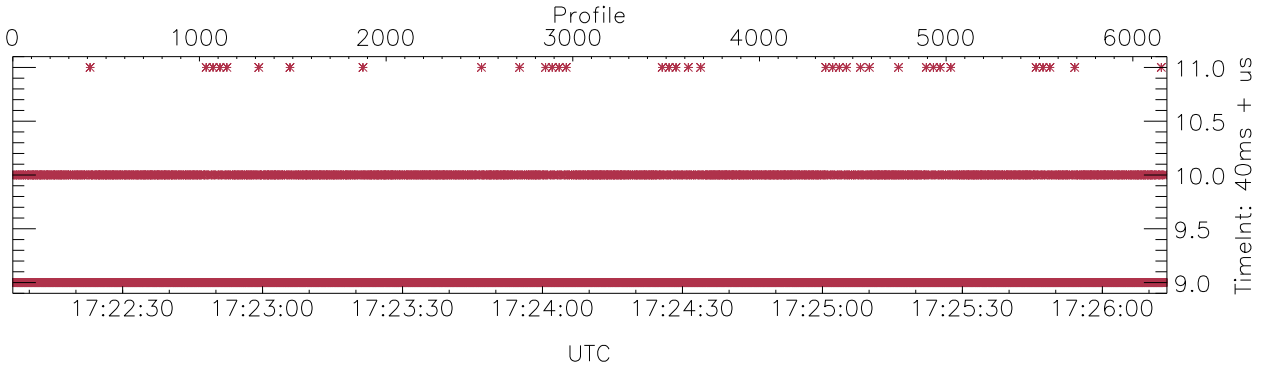
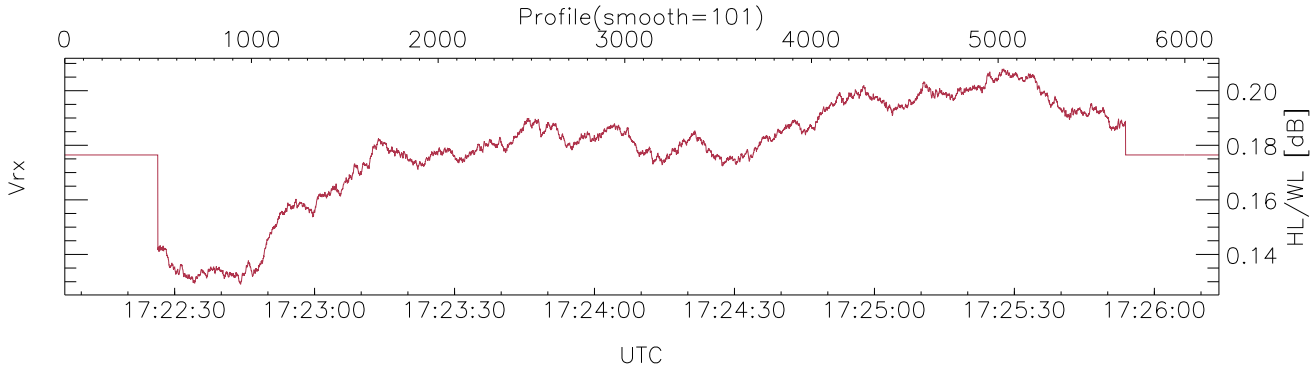
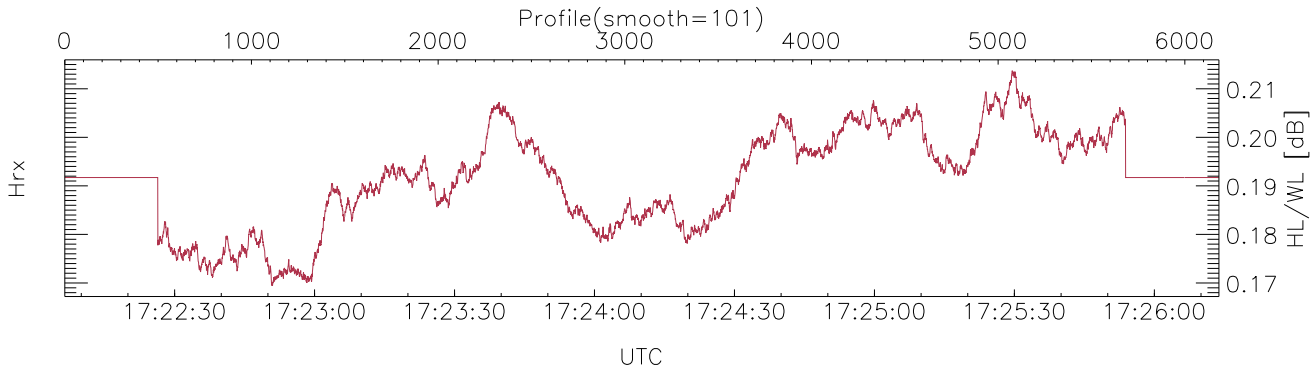


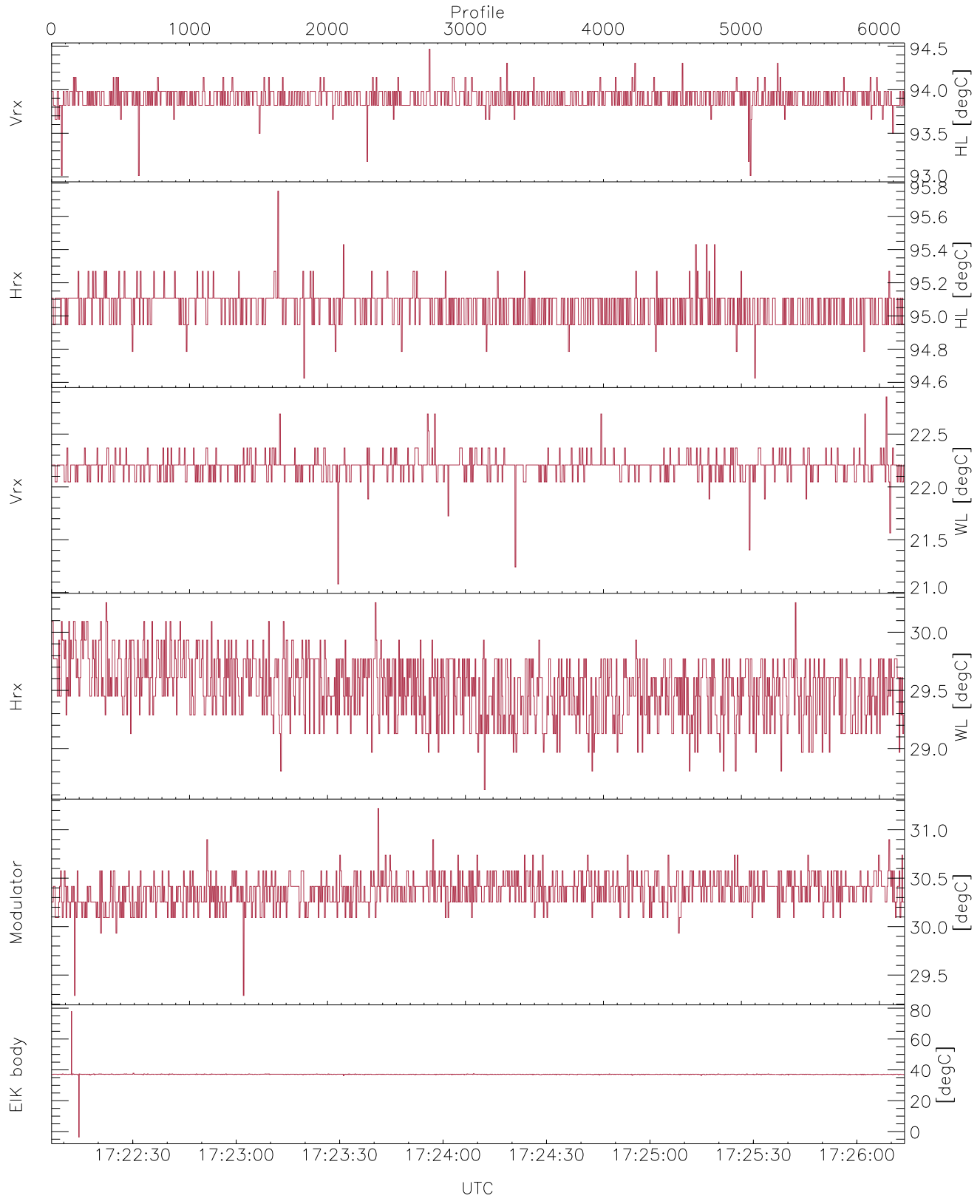






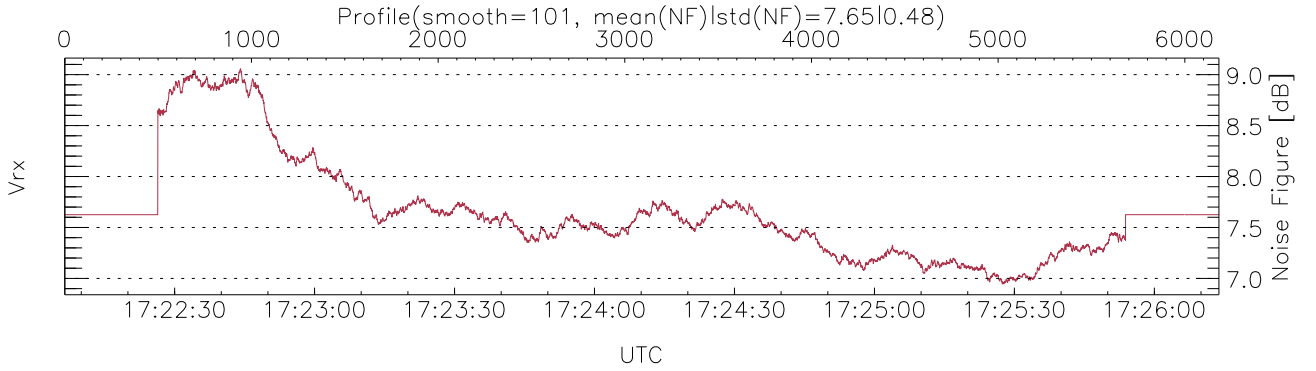
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

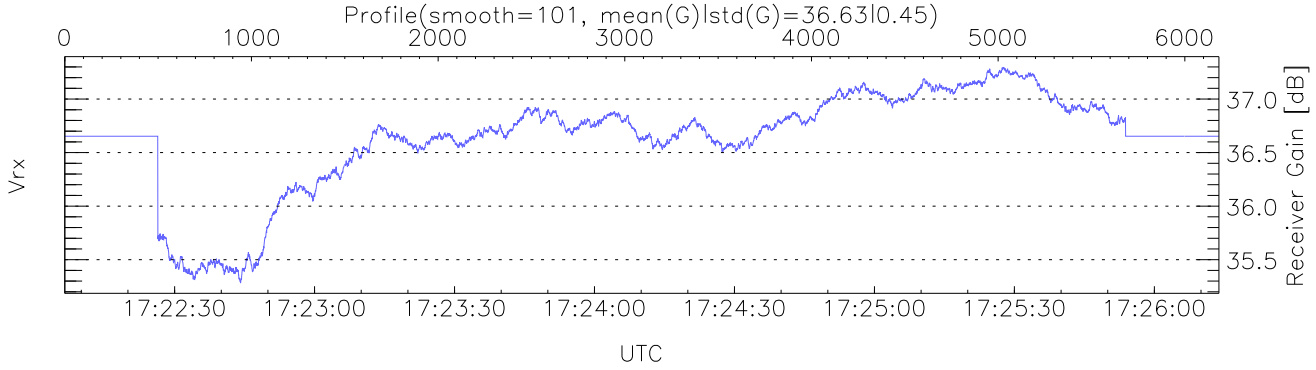
UTC: 17:22:06-17:26:14, Dur: 247.38s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 40.0,40.0,40.0,0.0 ms / 25,25,25
NumRec(r/t): 6184/6184, 0-6183/17:22:06-17:26:14
AcqTime: 40.0ms, Rate: 264KB/s, Averages: 200
Pulse: 250ns, IFF: 4.0MHz, Tx: V2 V2 H2 H2
PRF: 20.0 20.0 20.0 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|sideluplerror): 1

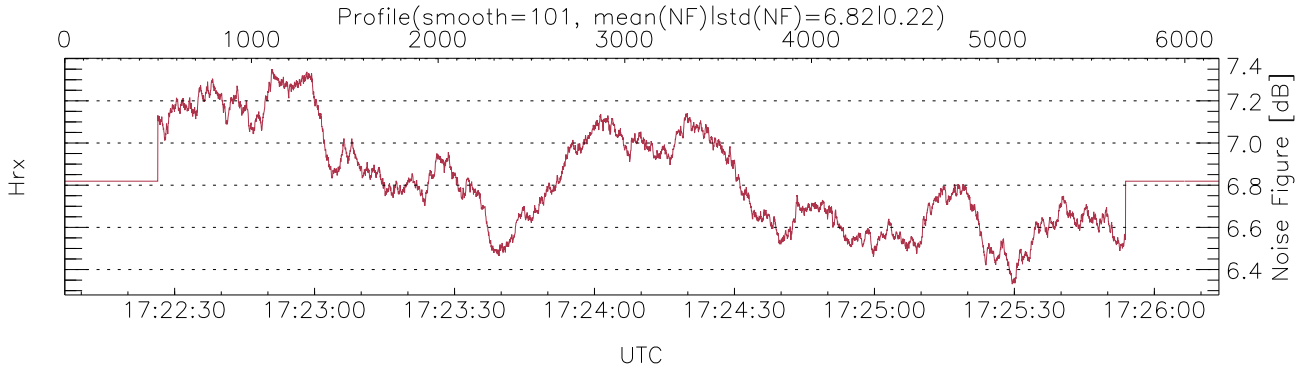


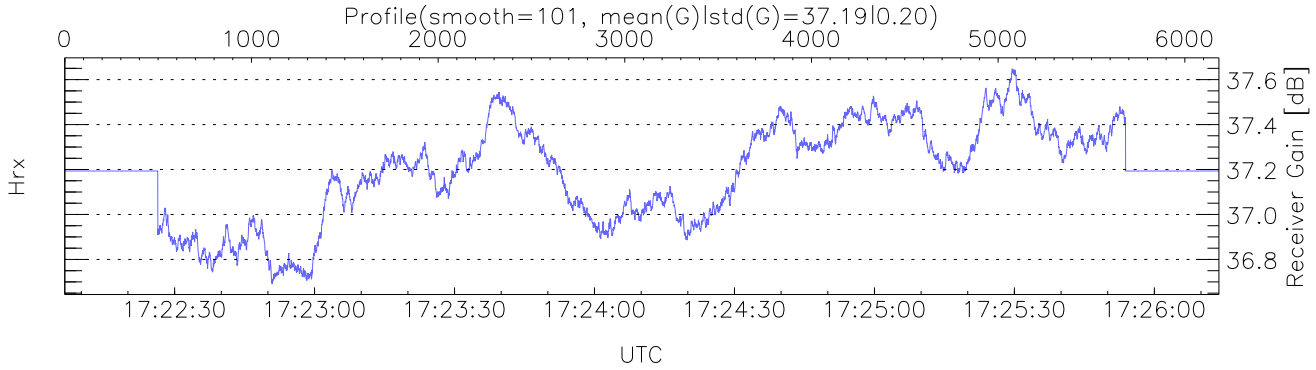
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

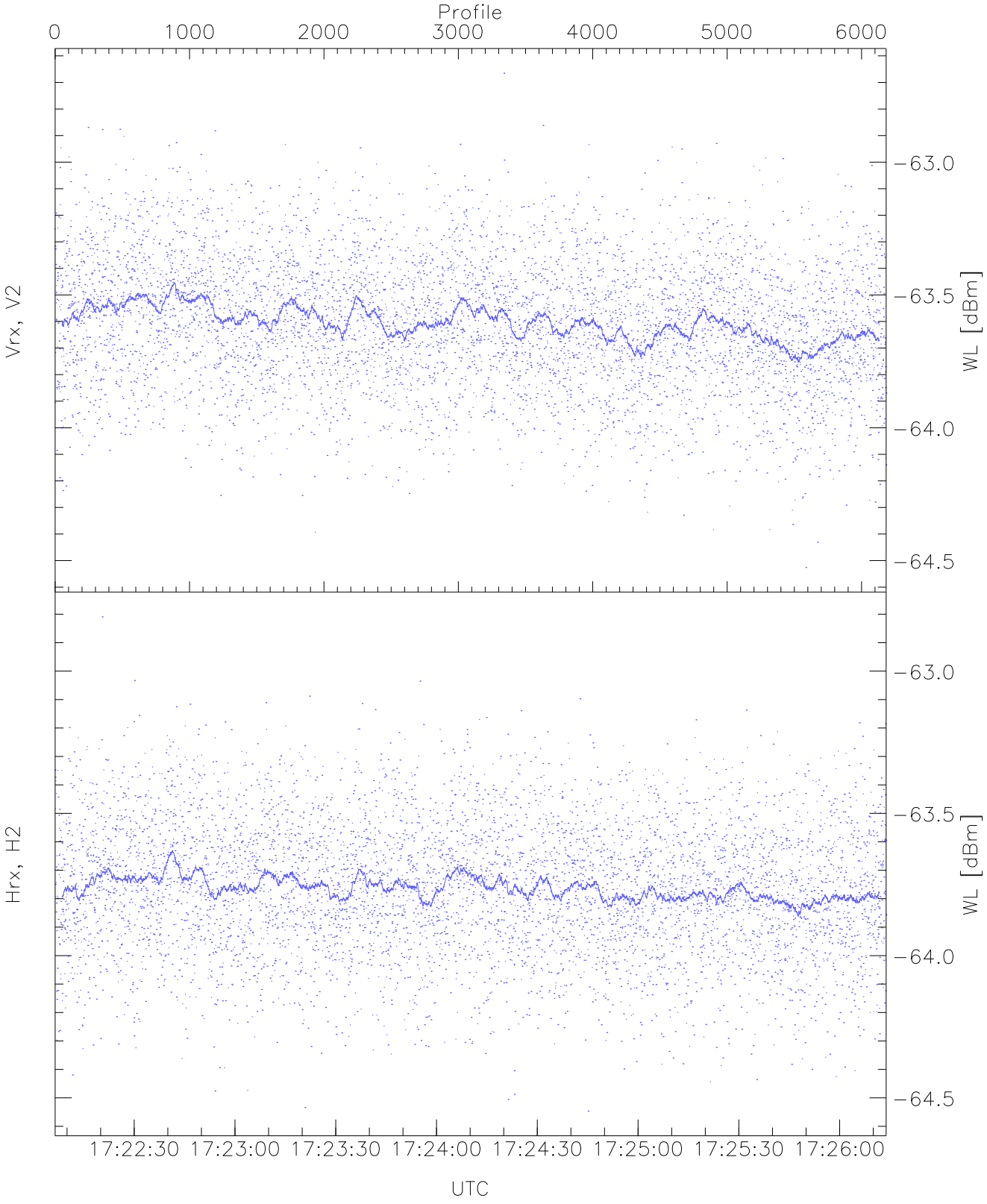
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,28,29,-3
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,22,30,31,78
LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,13,0
EIK/Modulator Faults: None


Profile(smooth=101, mean(NF)|std(NF)=7.65|0.48)
0
1000
2000
3000
4000
5000
6000
Vrx
9.0
8.5
8.0
7.5
7.0
Noise Figure [dB]
17:22:30
17:23:00
17:23:30
17:24:00
17:24:30
17:25:00
17:25:30
17:26:00
UTC


Profile(smooth=101, mean(G)|std(G)=36.63|0.45)
0
1000
2000
3000
4000
5000
6000
Vrx
37.0
36.5
36.0
35.5
Receiver Gain [dB]
17:22:30
17:23:00
17:23:30
17:24:00
17:24:30
17:25:00
17:25:30
17:26:00
UTC

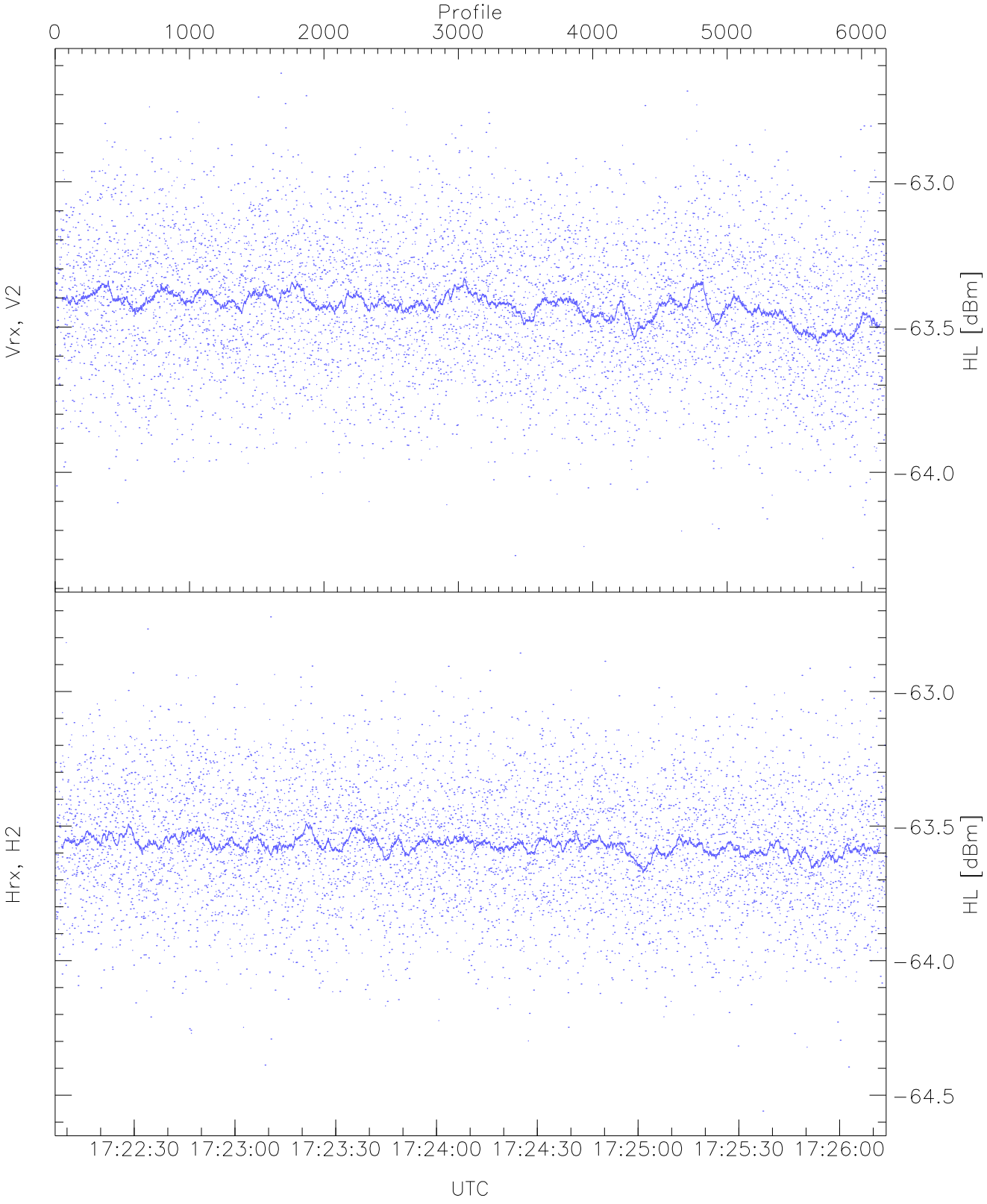

Profile(smooth=101, mean(NF)|std(NF)=6.82|0.22)
0
1000
2000
3000
4000
5000
6000
Hrx
7.4
7.2
7.0
6.8
6.6
6.4
Noise Figure [dB]
17:22:30
17:23:00
17:23:30
17:24:00
17:24:30
17:25:00
17:25:30
17:26:00
UTC


Profile(smooth=101, mean(G)|std(G)=37.19|0.20)
0
1000
2000
3000
4000
5000
6000
Hrx
37.6
37.4
37.2
37.0
36.8
Receiver Gain [dB]
17:22:30
17:23:00
17:23:30
17:24:00
17:24:30
17:25:00
17:25:30
17:26:00
UTC



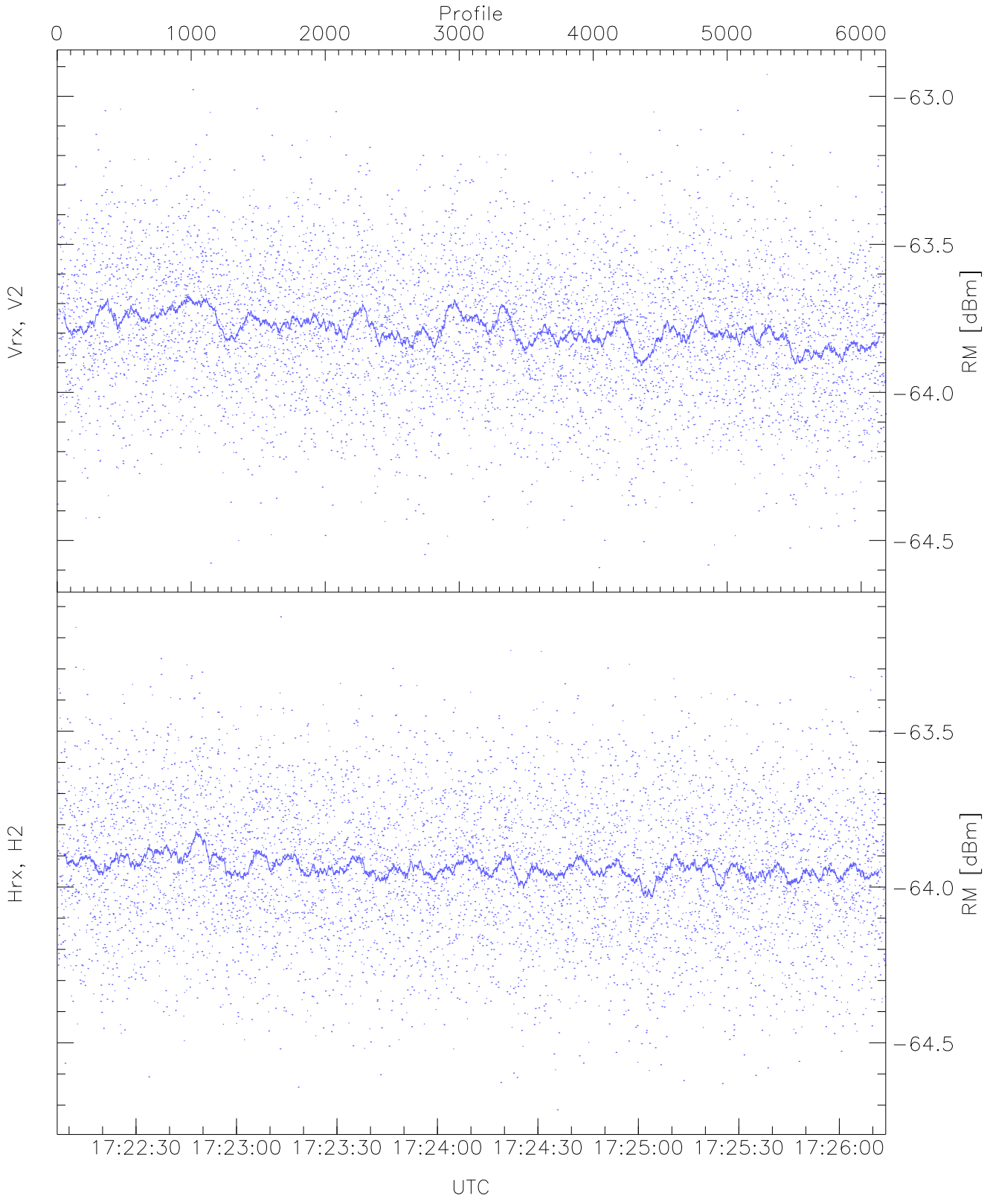
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(WL [dBm])	-64.53	-62.67	-63.60	-63.60	-76.30
Hrx, H2(WL [dBm])	-64.55	-62.81	-63.76	-63.76	-76.62



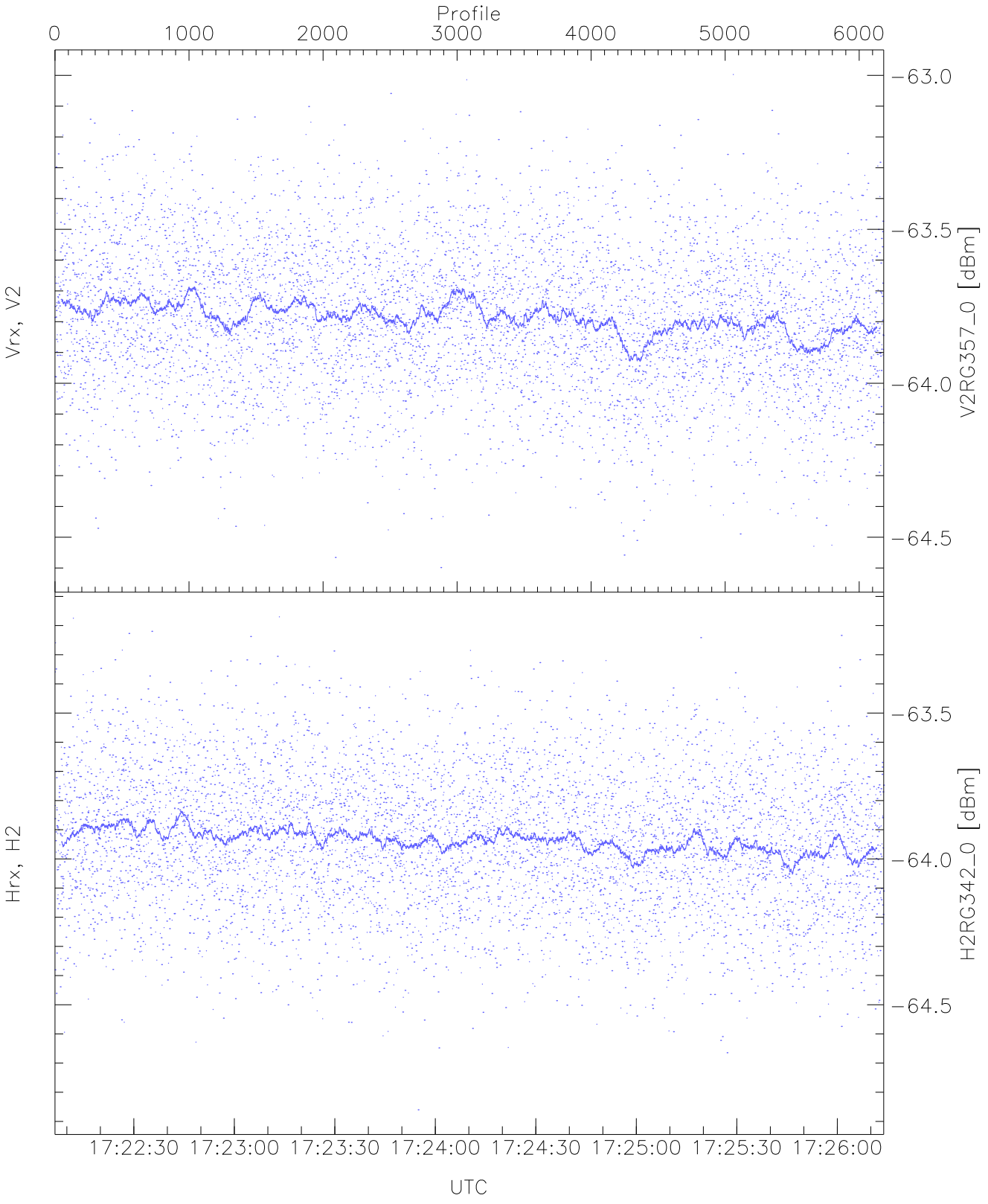
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(HL [dBm])	-64.33	-62.63	-63.42	-63.43	-76.23
Hrx, H2(HL [dBm])	-64.56	-62.72	-63.57	-63.57	-76.44



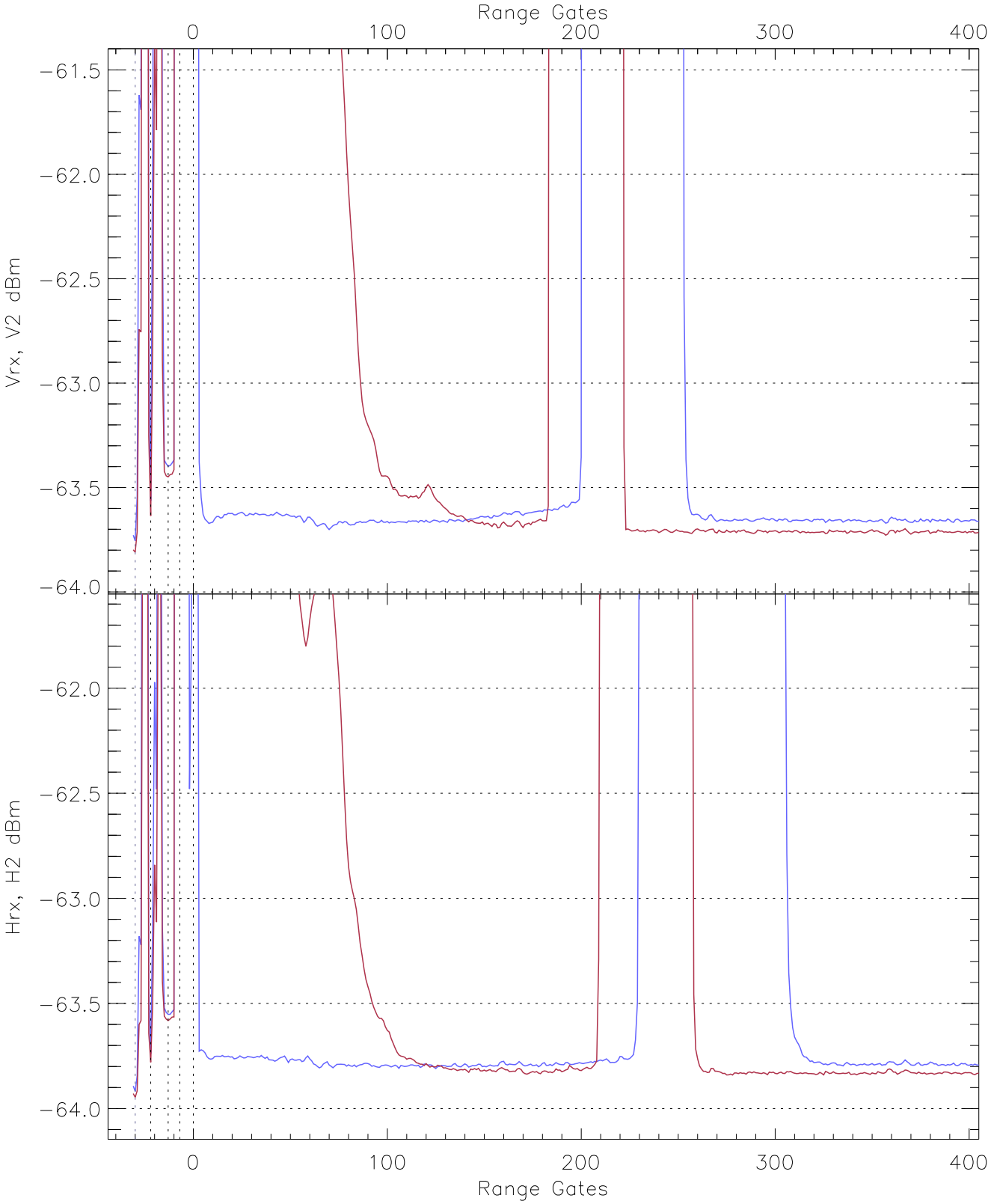
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(RM [dBm])	-64.59	-62.93	-63.78	-63.79	-76.56
Hrx, H2(RM [dBm])	-64.72	-63.13	-63.93	-63.94	-76.80

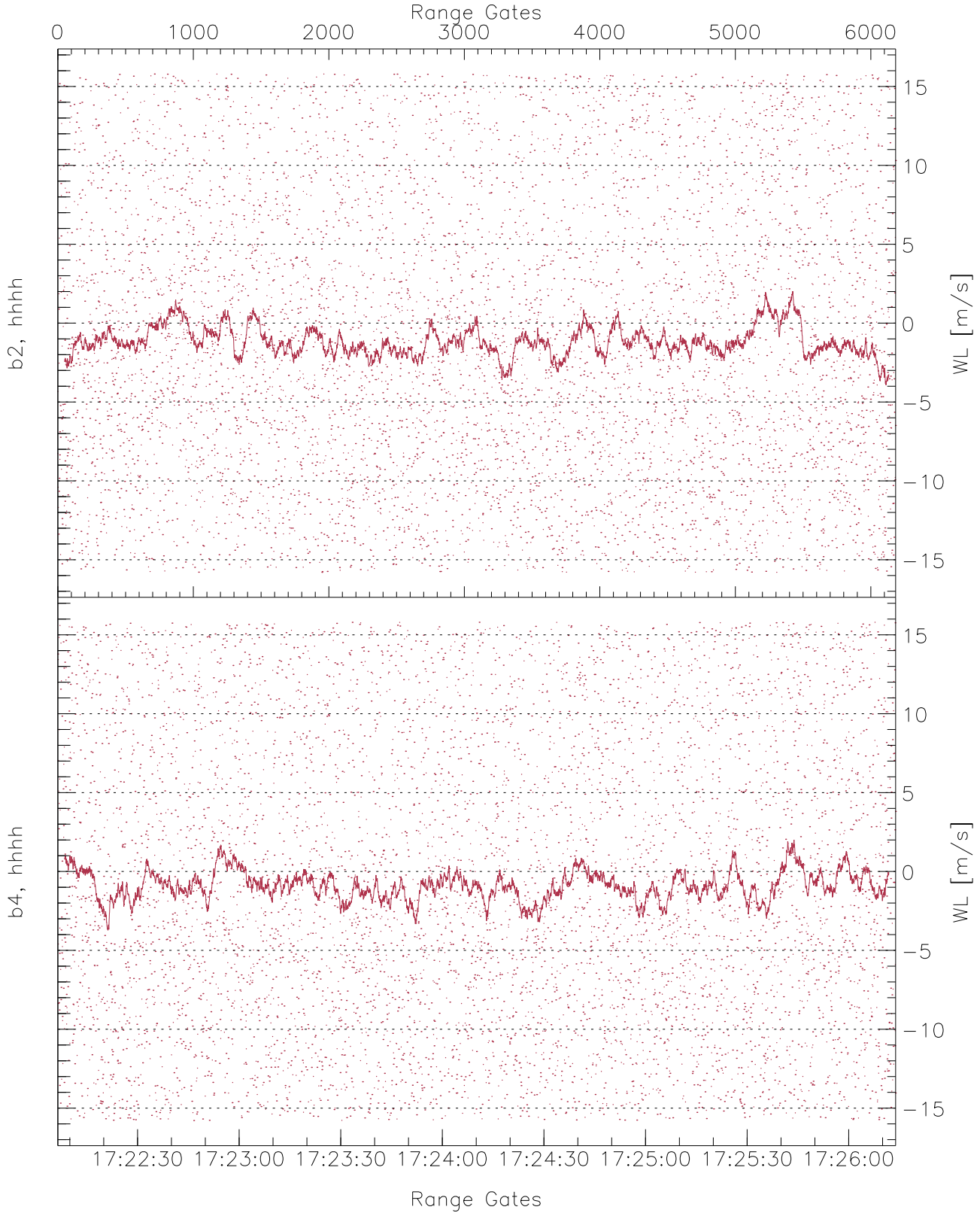


WCR2 CPP "Best" estimate Receivers Noise Power

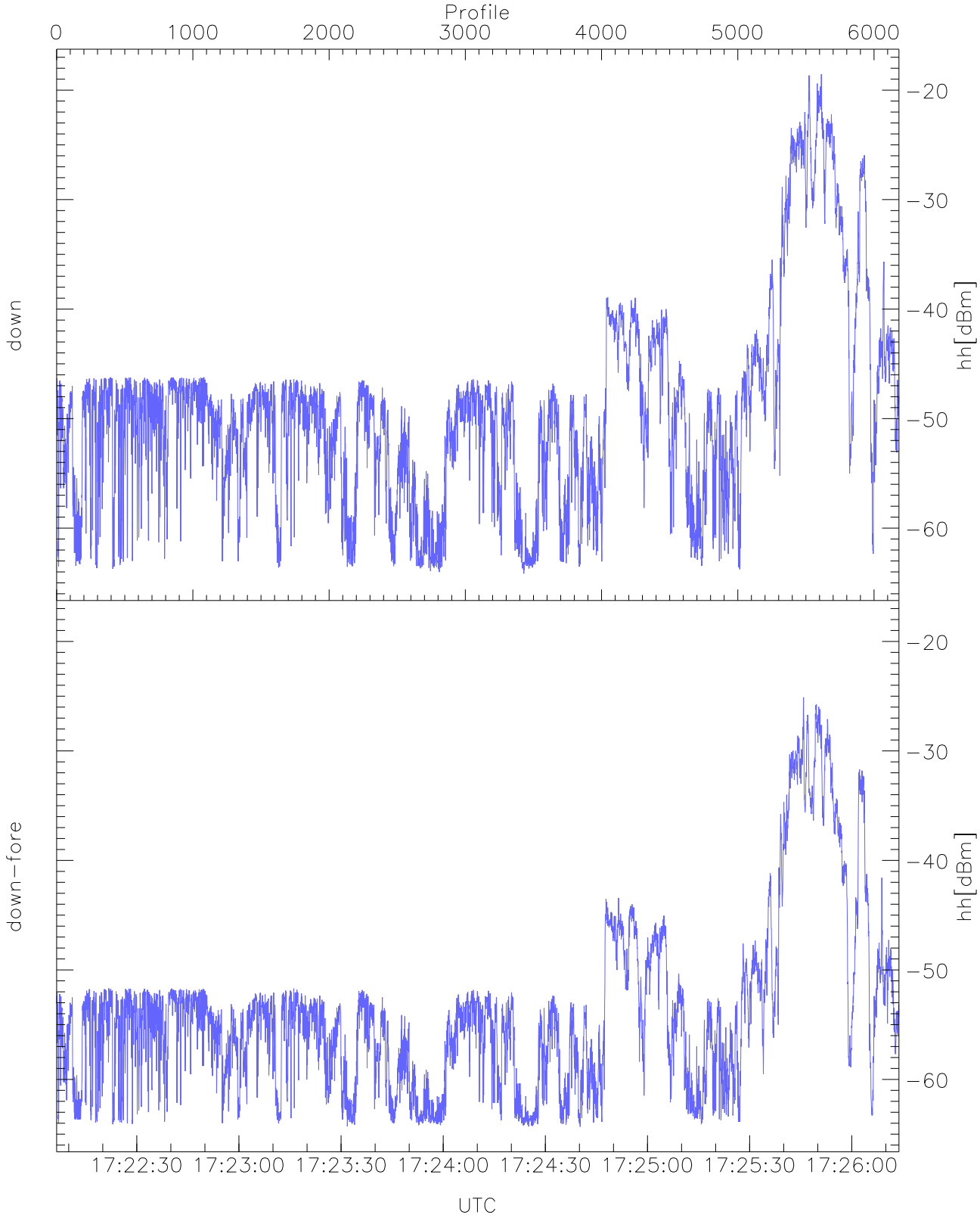
	Min	Max	Mean	Median	StDev
V2RG357_0 [dBm]	-64.60	-63.00	-63.78	-63.79	-76.63
H2RG342_0 [dBm]	-64.86	-63.17	-63.93	-63.94	-76.78



WCR2 CPP Averaged Received power for all recorded gates
blue: 172206-172410, 3093 profiles averaged
red: 172410-172614, 3092 profiles averaged

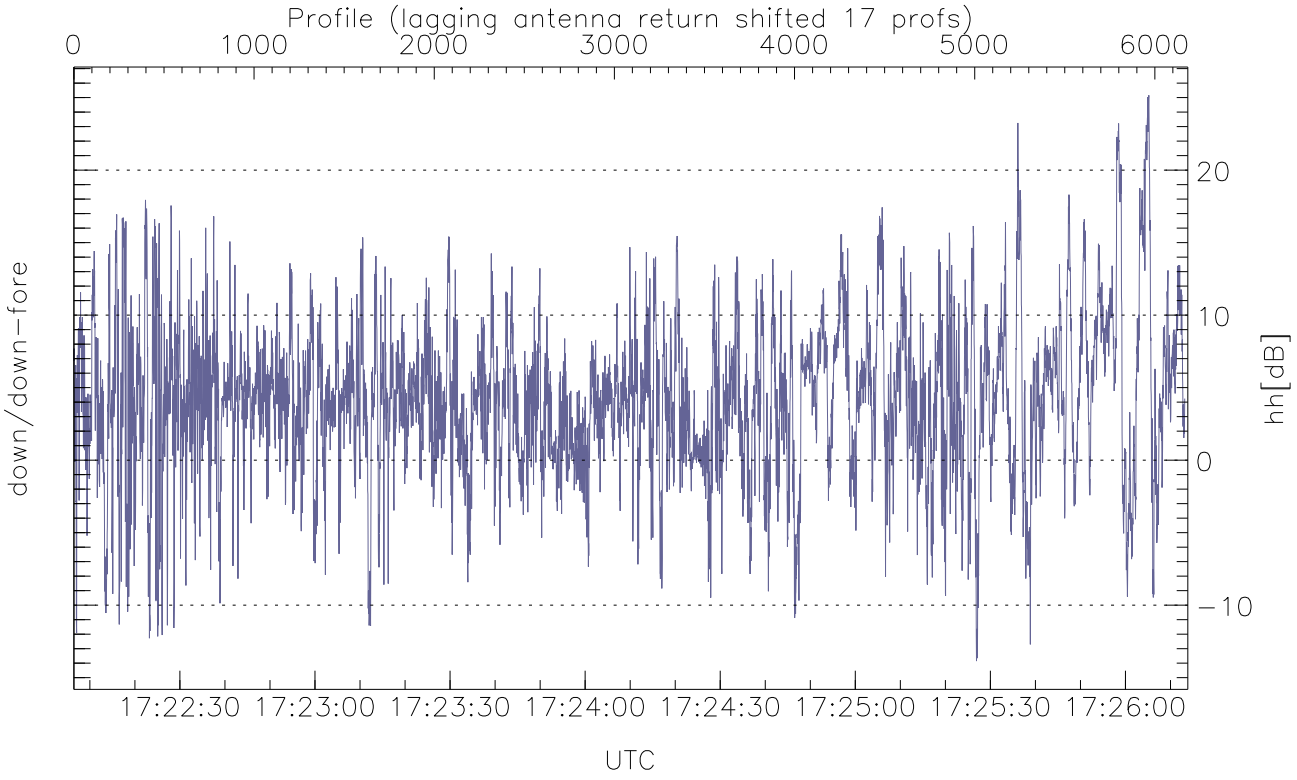


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



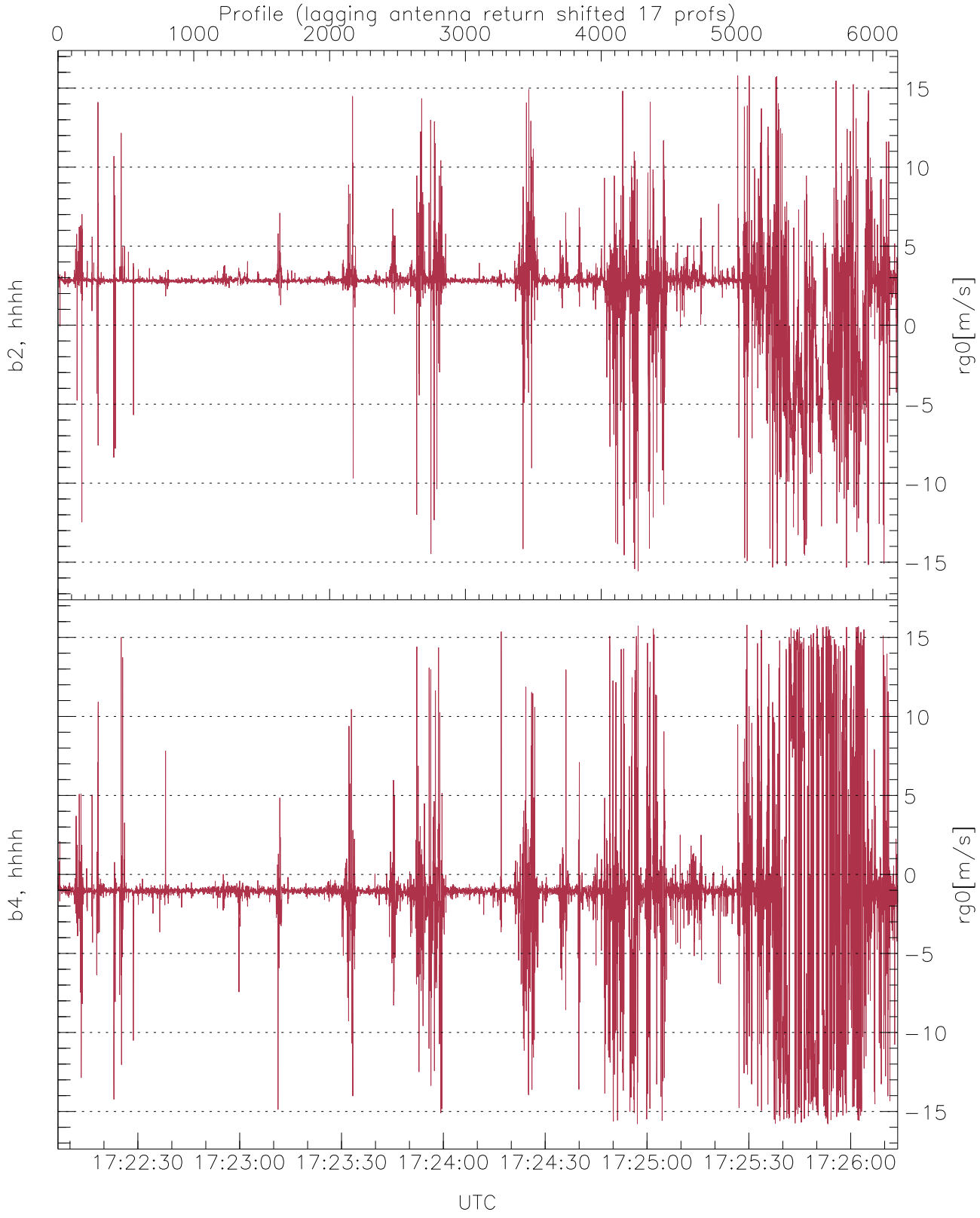
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
down(hh[dBm])	-64.16	-18.55	-36.05
down-fore(hh[dBm])	-64.32	-25.11	-42.01



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

	Min	Max	Mean
down/down-fore(hh[dB])	-13.86	25.16	4.17



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b2, hhhh(rg0[m/s])	-15.56	15.79	2.29	2.93
b4, hhhh(rg0[m/s])	-15.80	15.79	-1.20	4.53