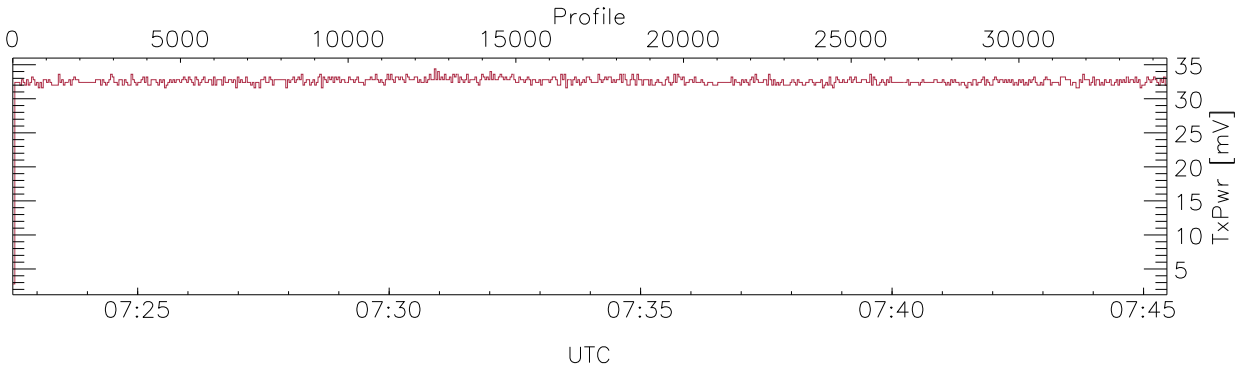
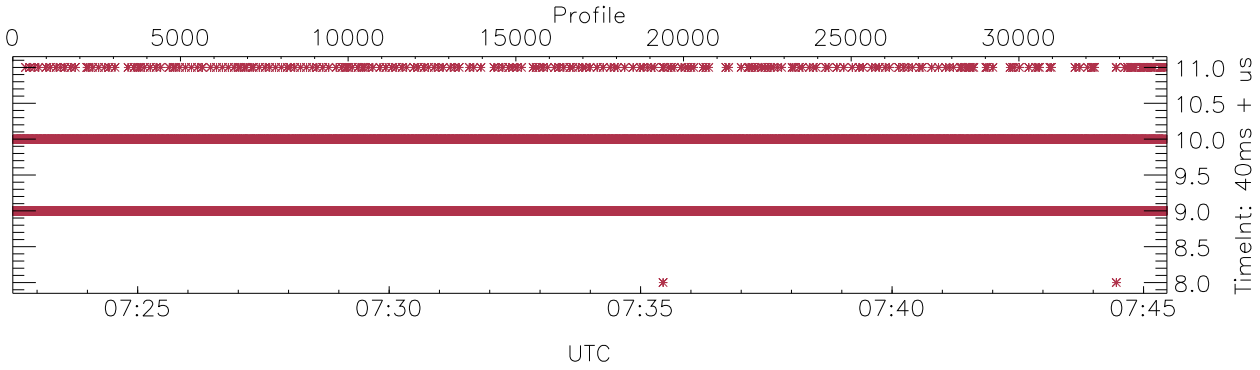
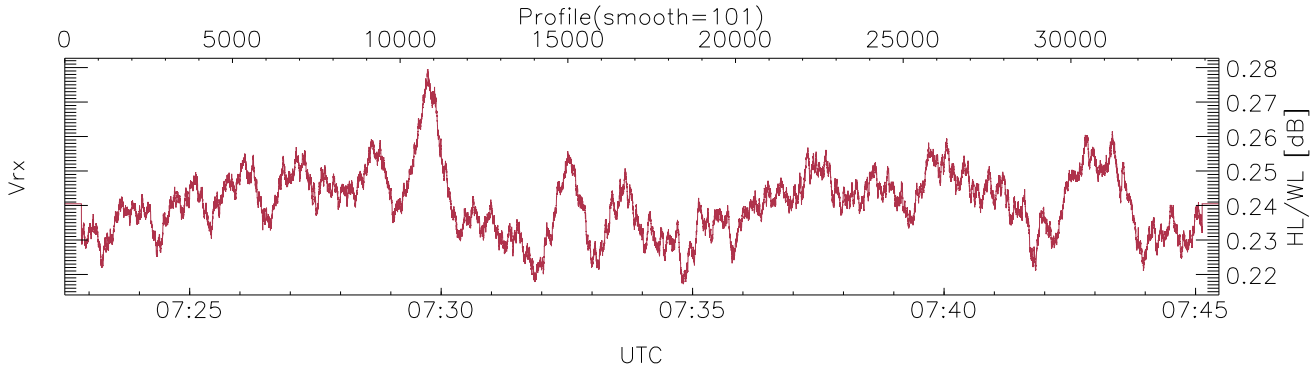
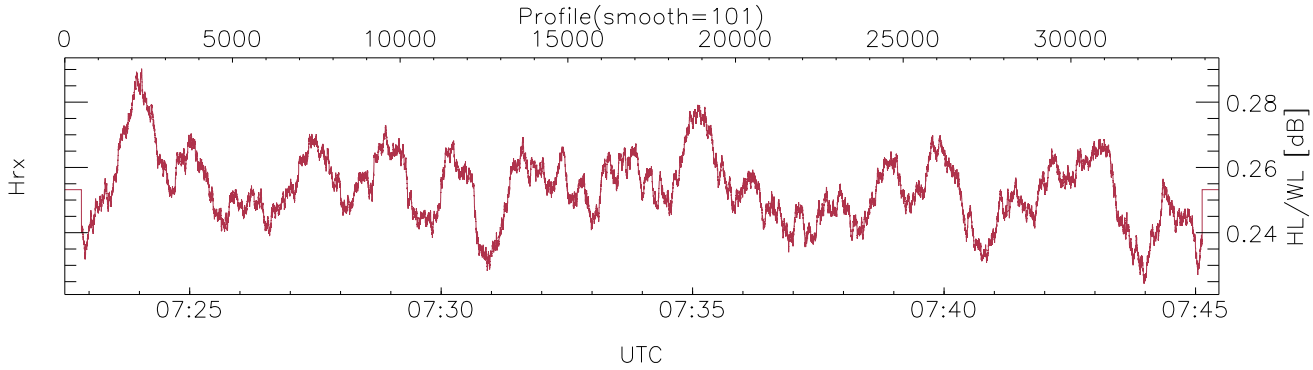


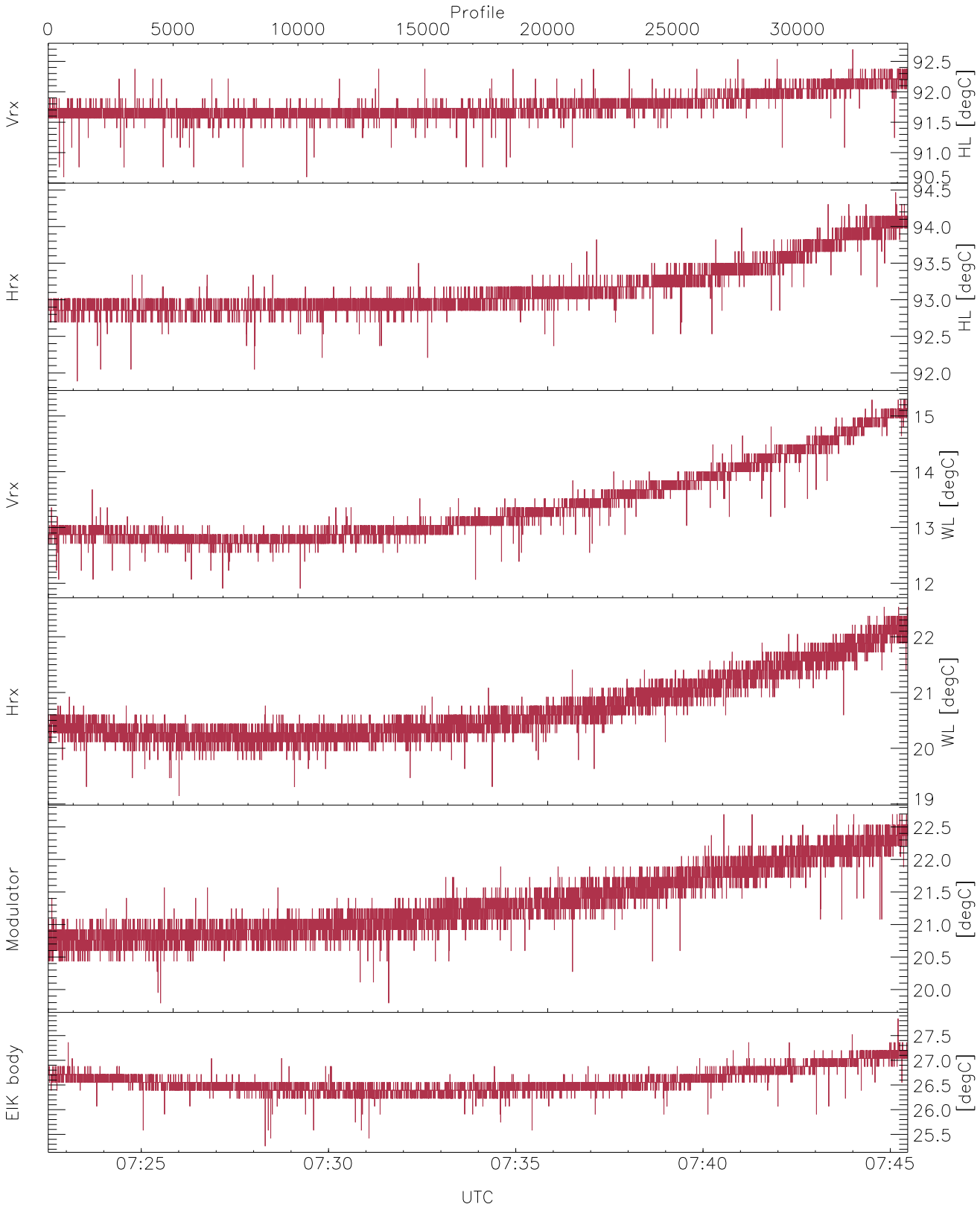






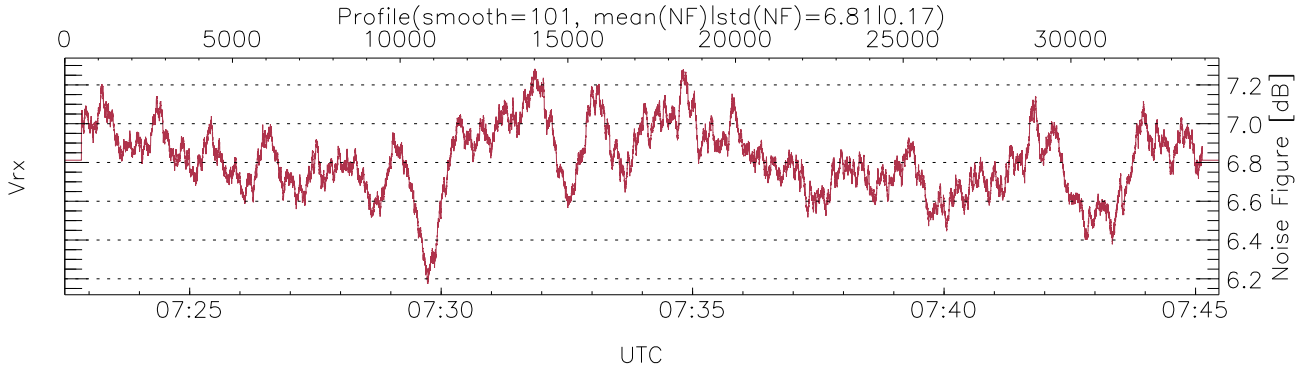
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

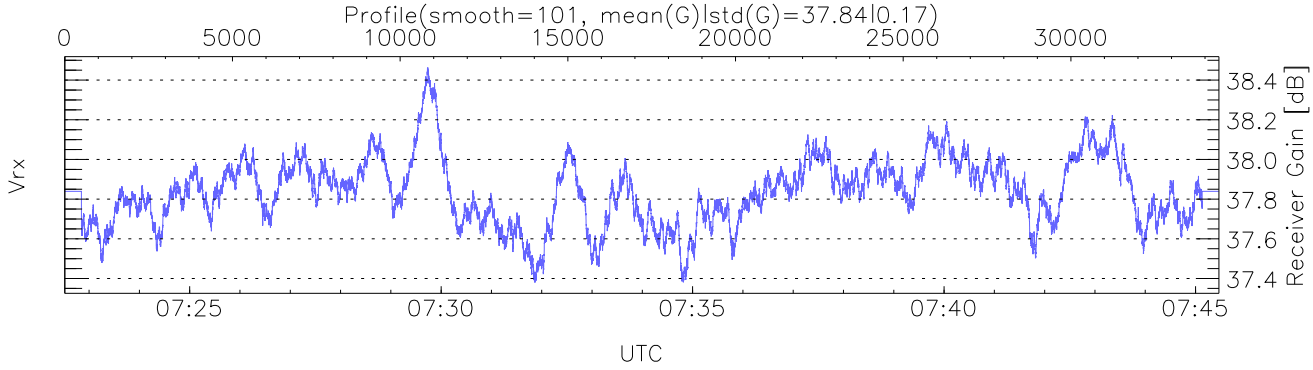
UTC: 07:22:31-07:45:28, Dur: 1376.94s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 40.0,40.0,40.0,0.0 ms / 25,25,25
NumRec(r/t): 34416/34416, 0-34415/07:22:31-07:45:28
AcqTime: 40.0ms, Rate: 264KB/s, Averages: 200
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 V2 V2
PRF: 20.0 20.0 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

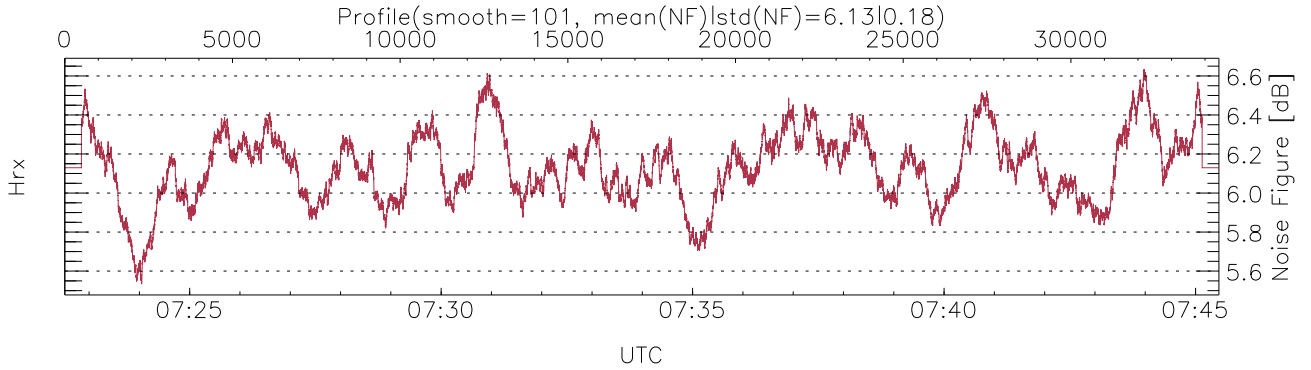


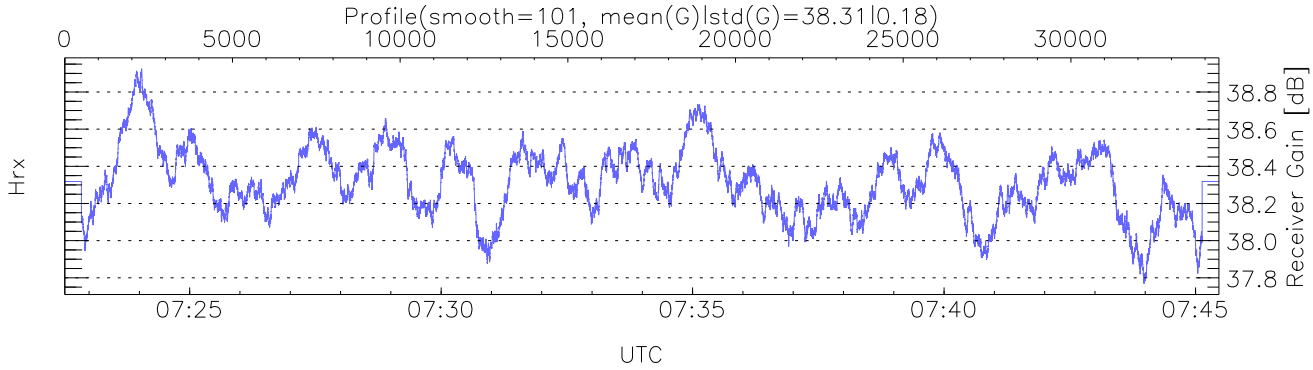
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

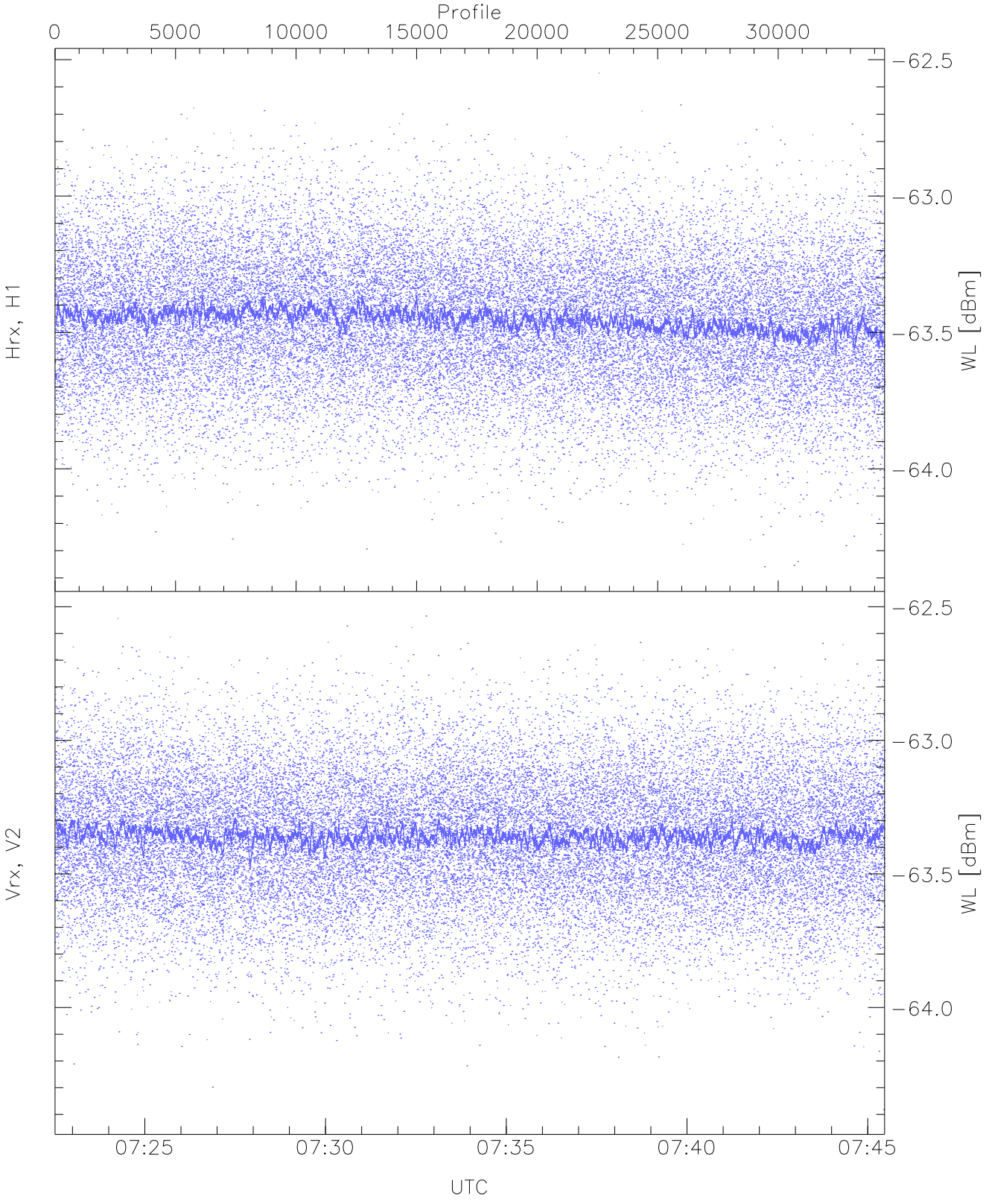
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,11,19,19,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,15,22,22,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None


Profile(smooth=101, mean(NF)|std(NF)=6.81|0.17)
0
5000
10000
15000
20000
25000
30000
Vrx
7.2
7.0
6.8
6.6
6.4
6.2
Noise Figure [dB]
07:25
07:30
07:35
07:40
07:45
UTC


Profile(smooth=101, mean(G)|std(G)=37.84|0.17)
0
5000
10000
15000
20000
25000
30000
Vrx
38.4
38.2
38.0
37.8
37.6
37.4
Receiver Gain [dB]
07:25
07:30
07:35
07:40
07:45
UTC

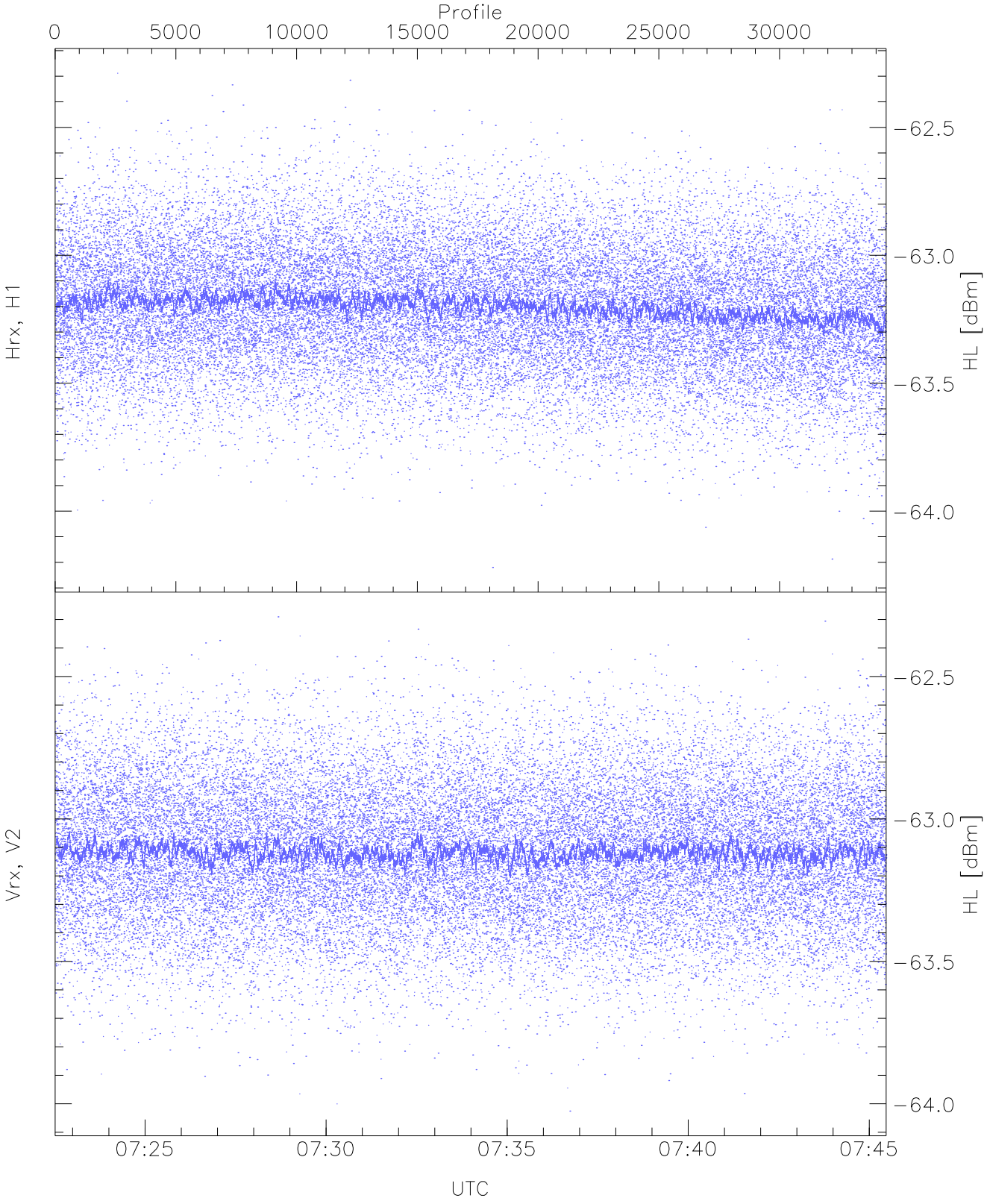

Profile(smooth=101, mean(NF)|std(NF)=6.13|0.18)
0
5000
10000
15000
20000
25000
30000
Hrx
6.6
6.4
6.2
6.0
5.8
5.6
Noise Figure [dB]
07:25
07:30
07:35
07:40
07:45
UTC


Profile(smooth=101, mean(G)|std(G)=38.31|0.18)
0
5000
10000
15000
20000
25000
30000
Hrx
38.8
38.6
38.4
38.2
38.0
37.8
Receiver Gain [dB]
07:25
07:30
07:35
07:40
07:45
UTC



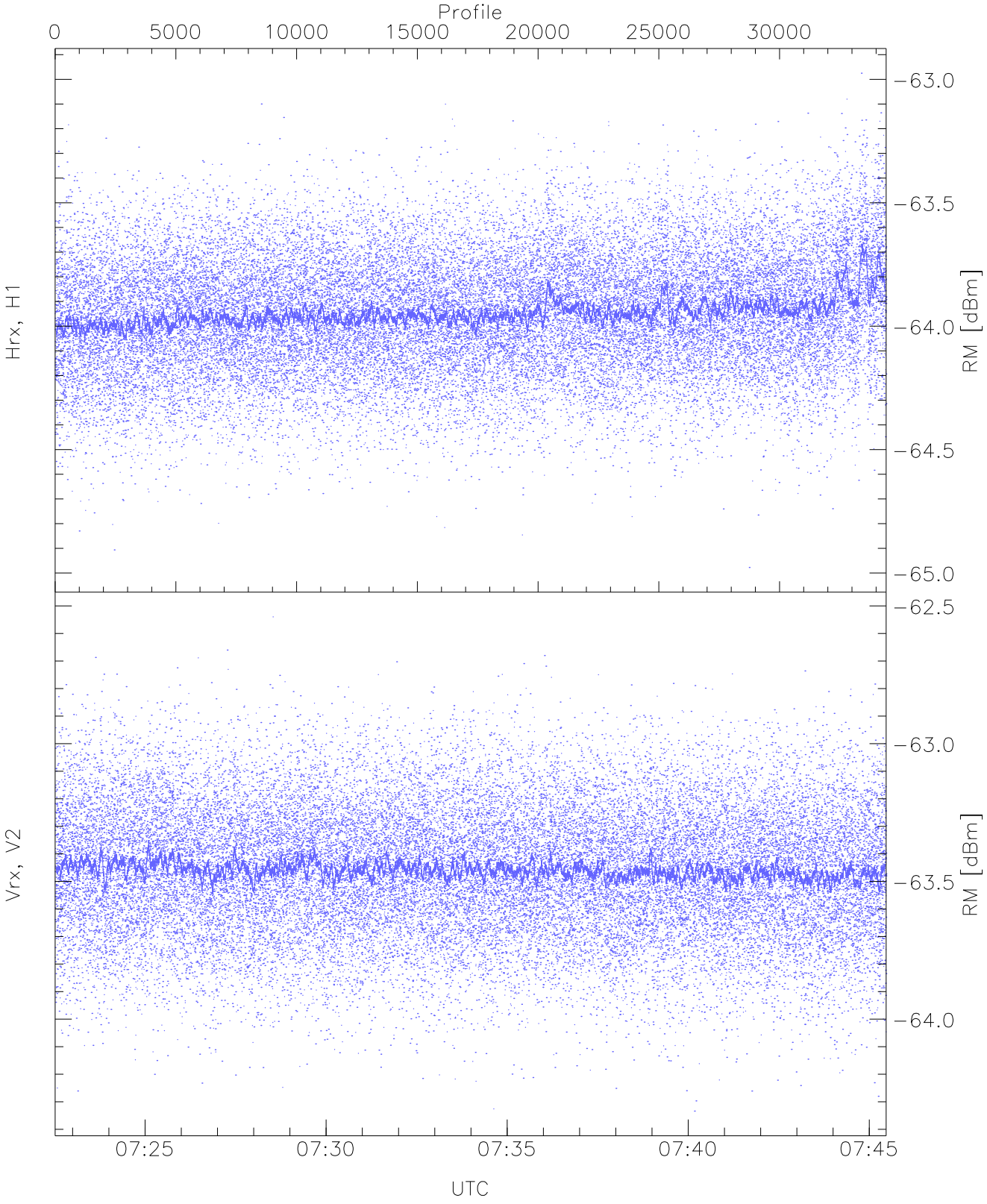
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.36	-62.55	-63.45	-63.45	-76.37
Vrx, V2(WL [dBm])	-64.38	-62.53	-63.36	-63.36	-76.26



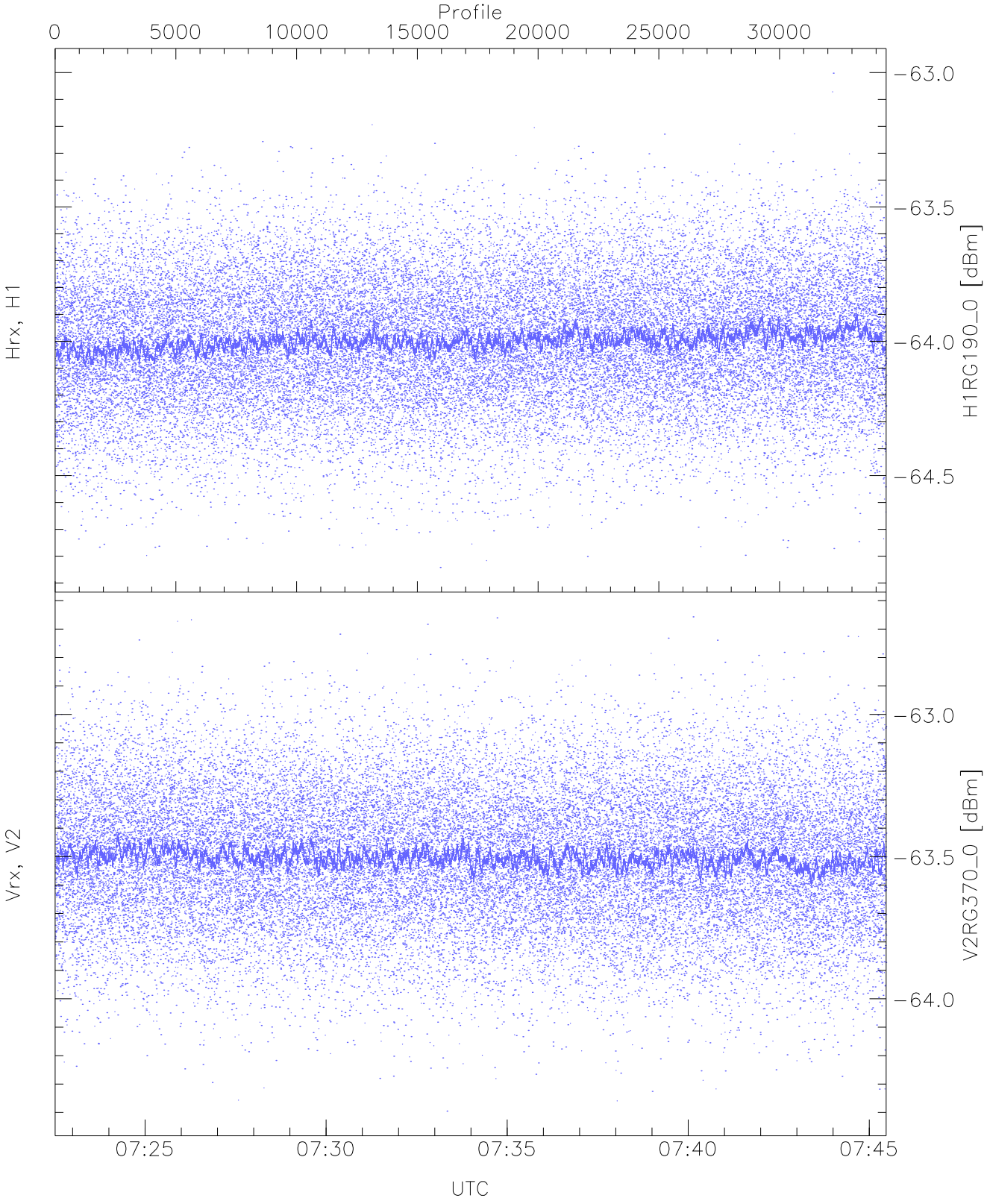
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-64.22	-62.29	-63.20	-63.20	-76.08
Vrx, V2(HL [dBm])	-64.03	-62.29	-63.12	-63.12	-76.02



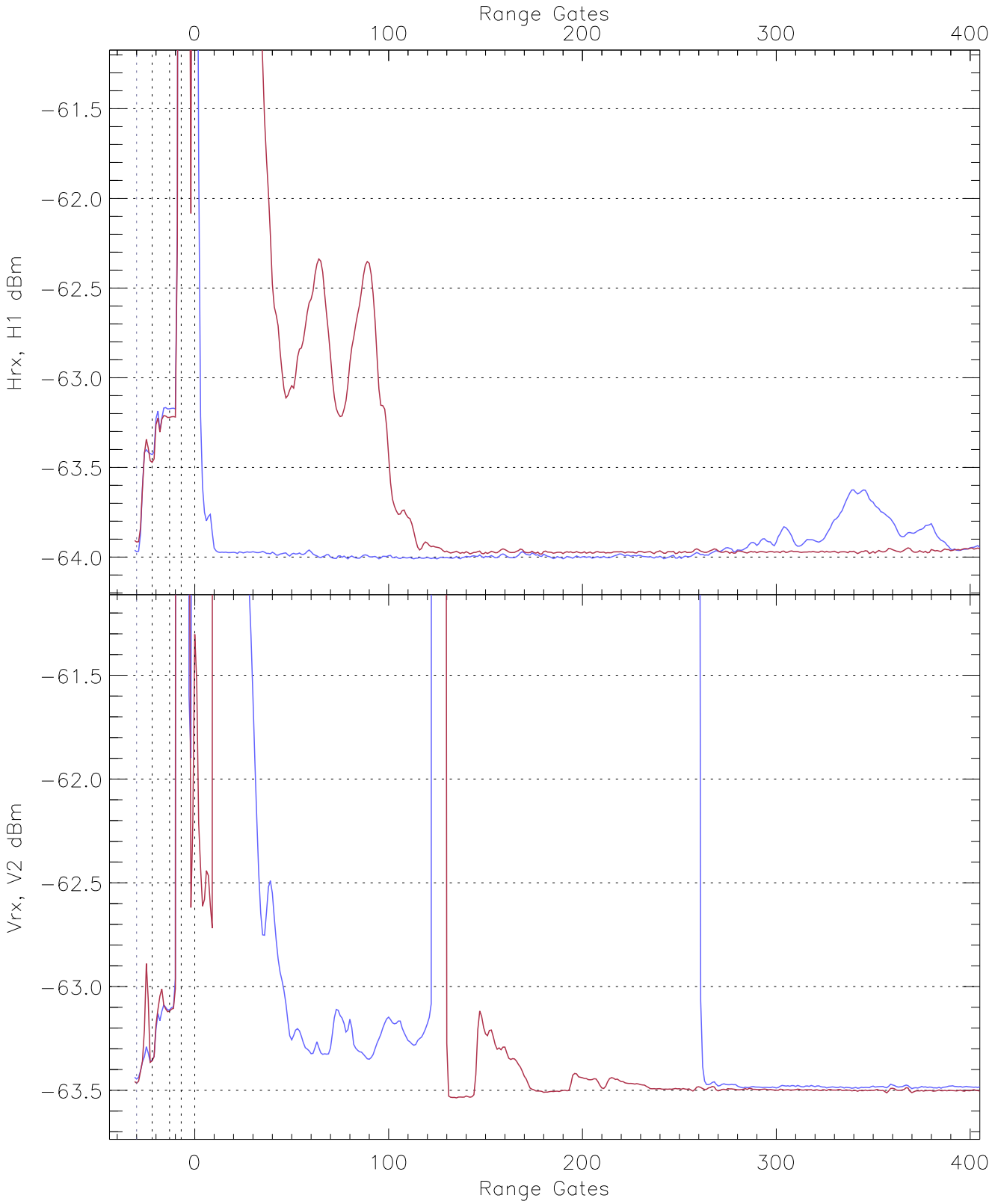
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.98	-62.98	-63.94	-63.95	-76.77
Vrx, V2(RM [dBm])	-64.33	-62.54	-63.46	-63.46	-76.35

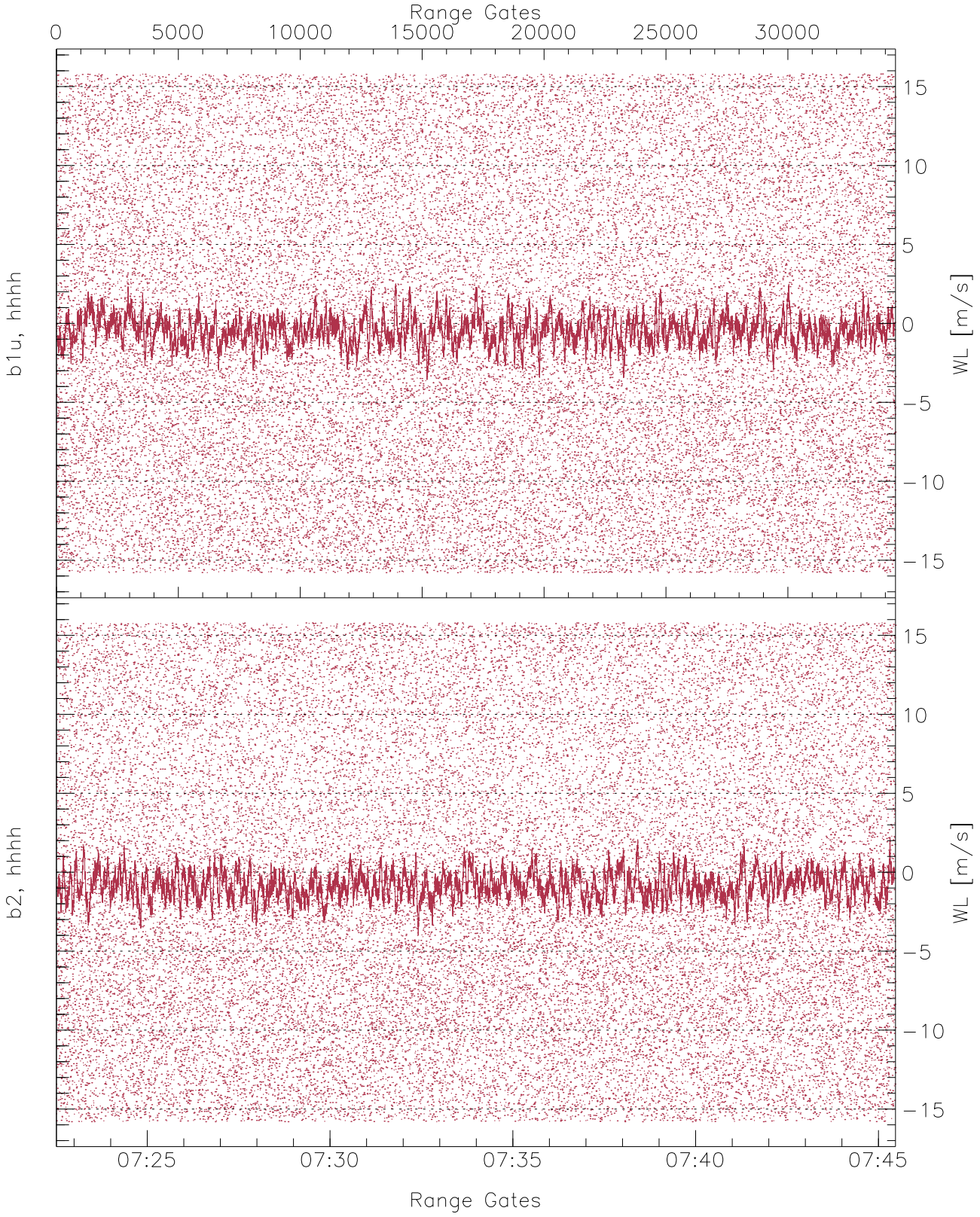


WCR2 CPP "Best" estimate Receivers Noise Power

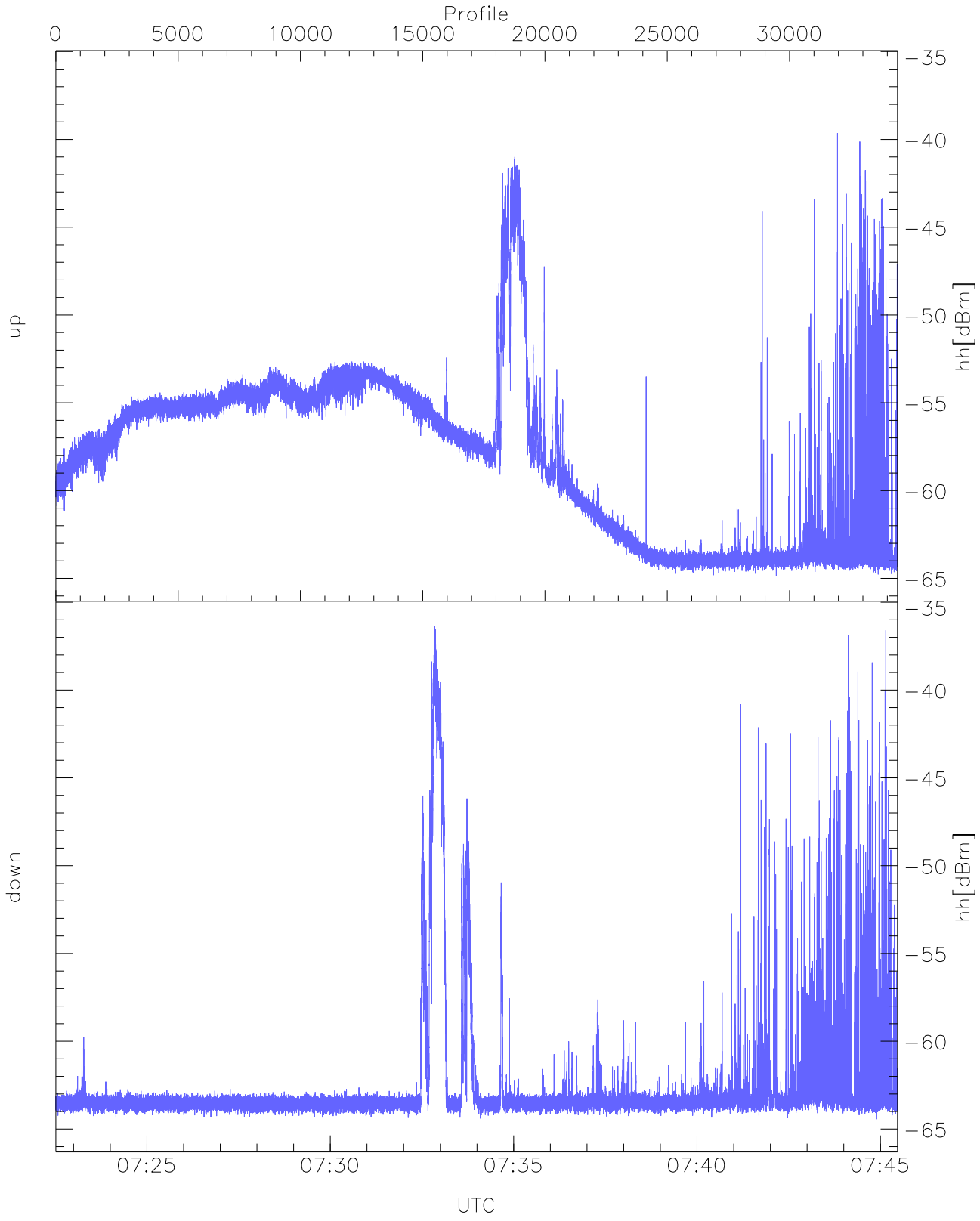
	Min	Max	Mean	Median	StDev
H1RG190_0 [dBm]	-64.84	-63.00	-63.99	-64.00	-76.91
V2RG370_0 [dBm]	-64.39	-62.66	-63.50	-63.50	-76.40



WCR2 CPP Averaged Received power for all recorded gates
blue: 072231-73359, 17209 profiles averaged
red: 73359-074528, 17208 profiles averaged

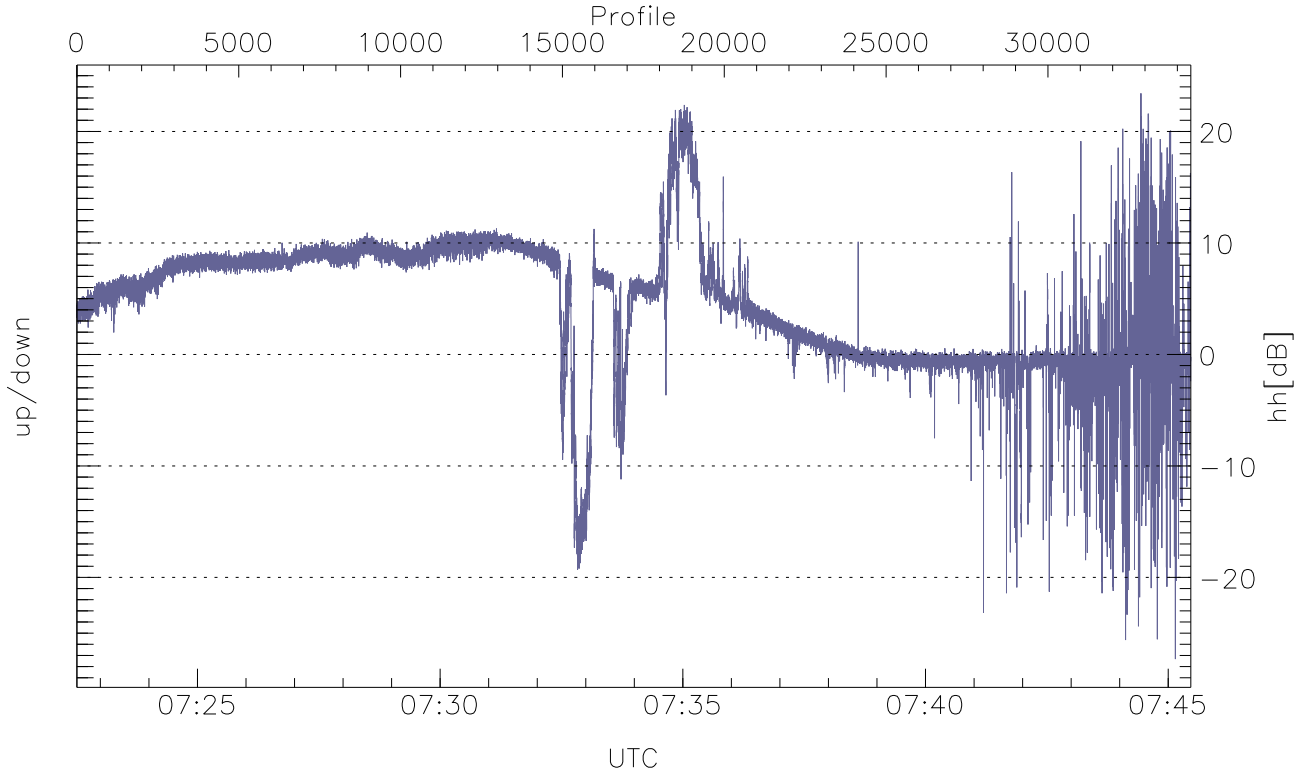


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



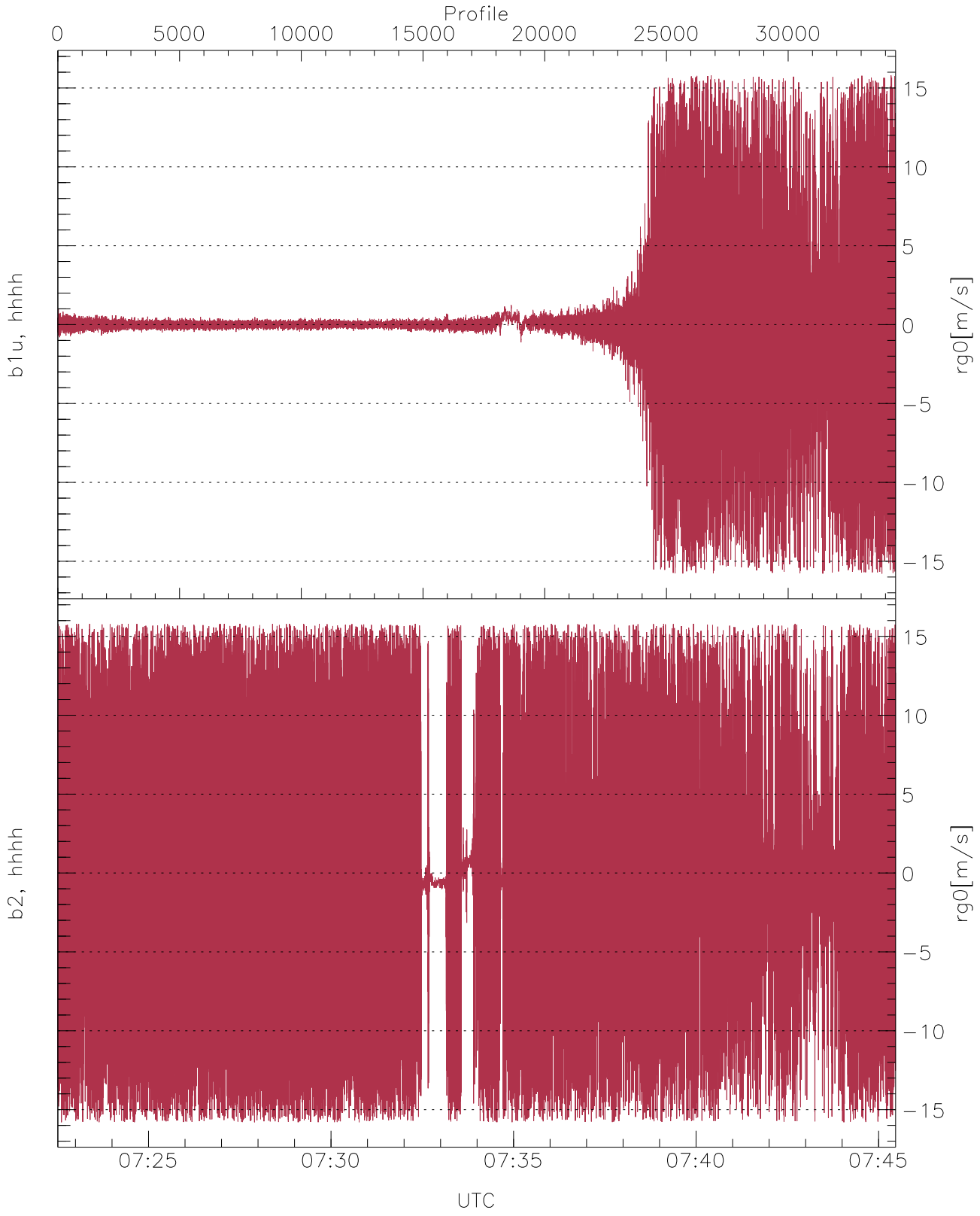
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.88	-39.64	-55.44
down(hh[dBm])	-64.44	-36.37	-57.46



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

	Min	Max	Mean
up/down(hh[dB])	-27.32	23.42	4.44



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.78	15.80	-0.08	3.62
b2, hhhh(rg0[m/s])	-15.80	15.80	-0.98	7.82