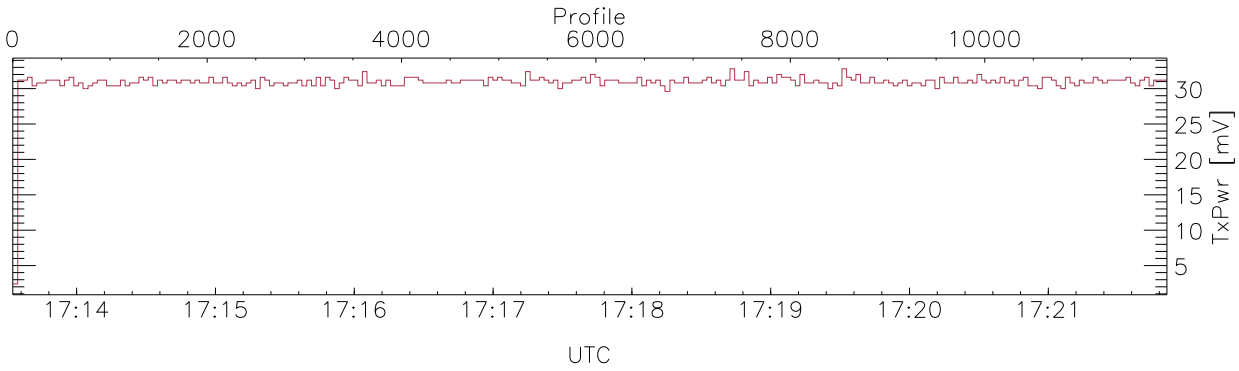
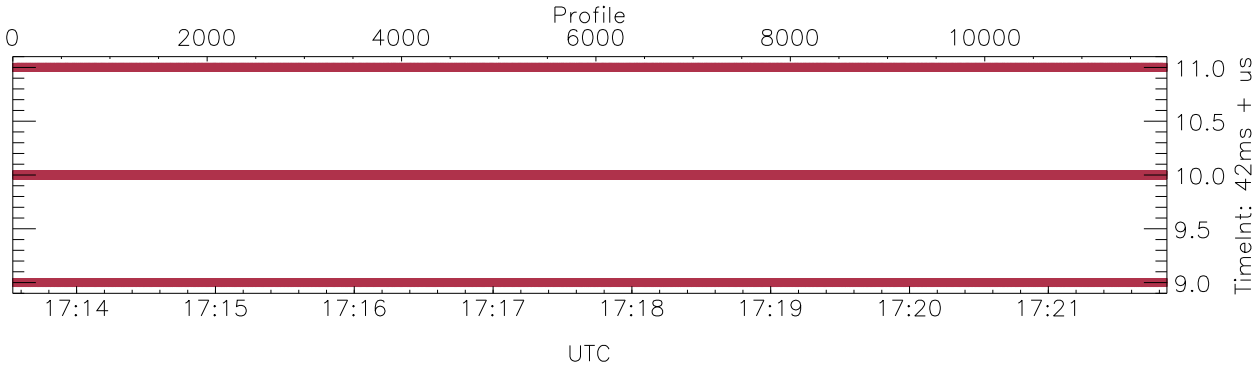
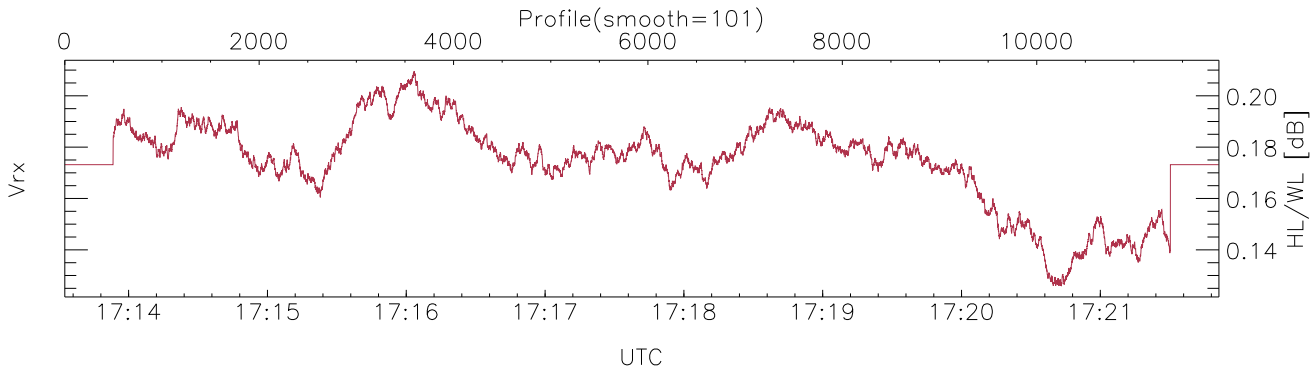
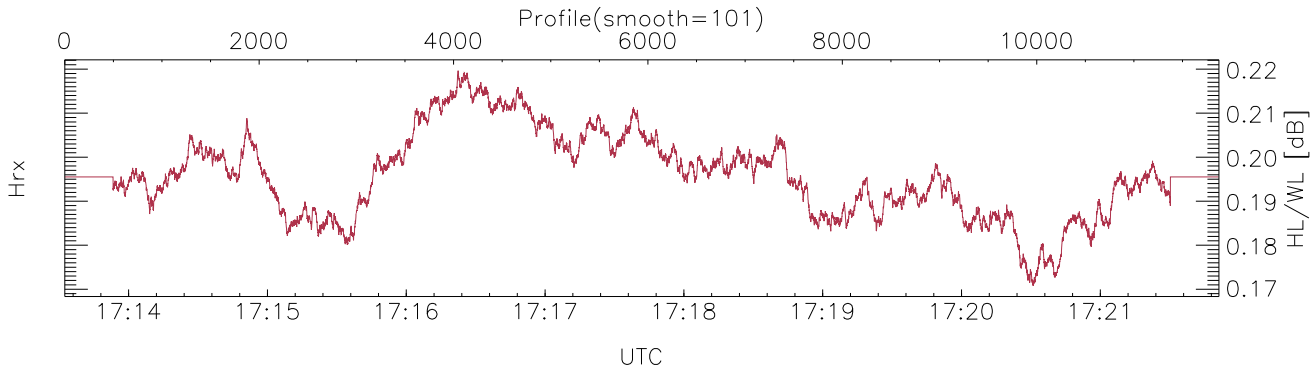


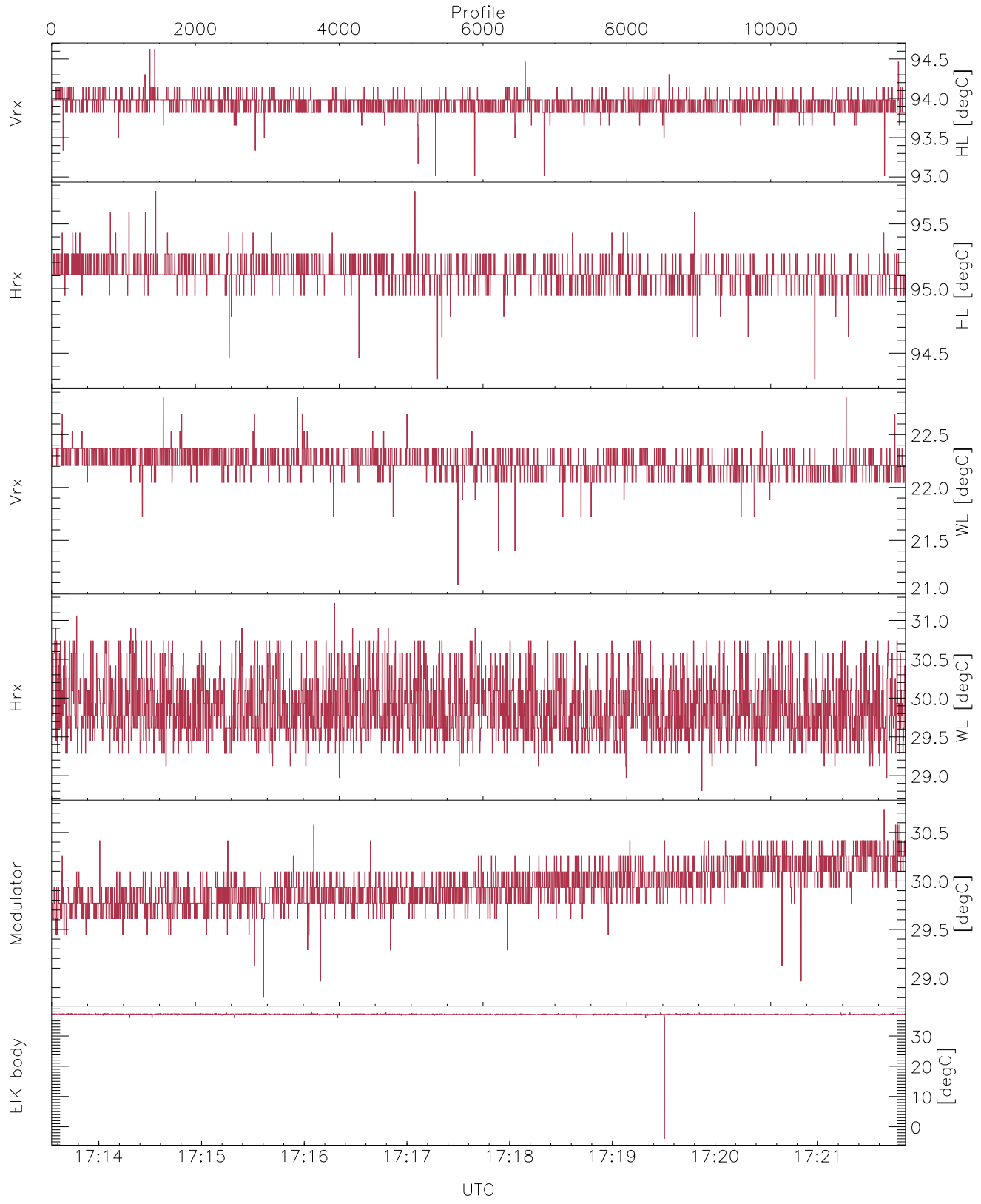






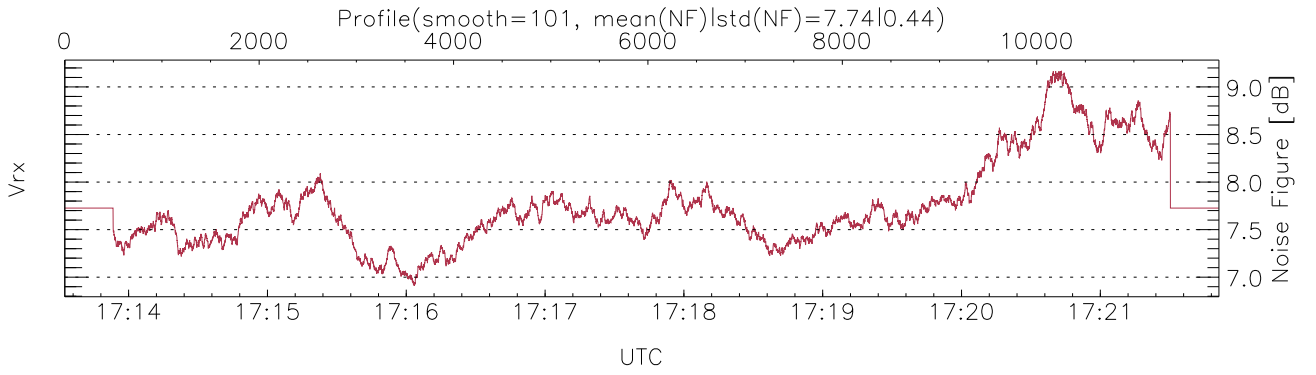
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

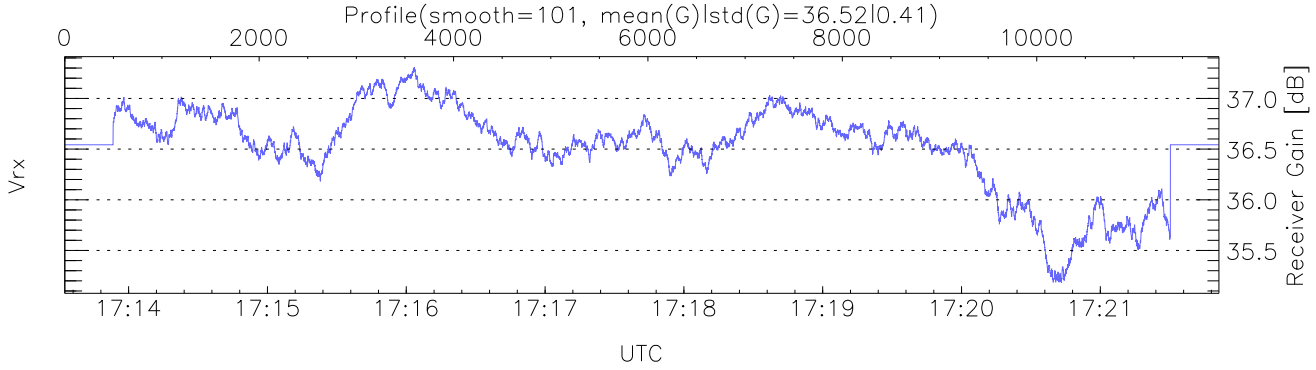
UTC: 17:13:32-17:21:51, Dur: 498.87s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
NumRec(r/t): 11876/11876, 0-11875/17:13:32-17:21:51
AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,6187,15.0 m, Gates: 406, Aspect: 4.0
Mirror(-9|0|1|2,3,9x)=no mirror|sideluplerror): 1

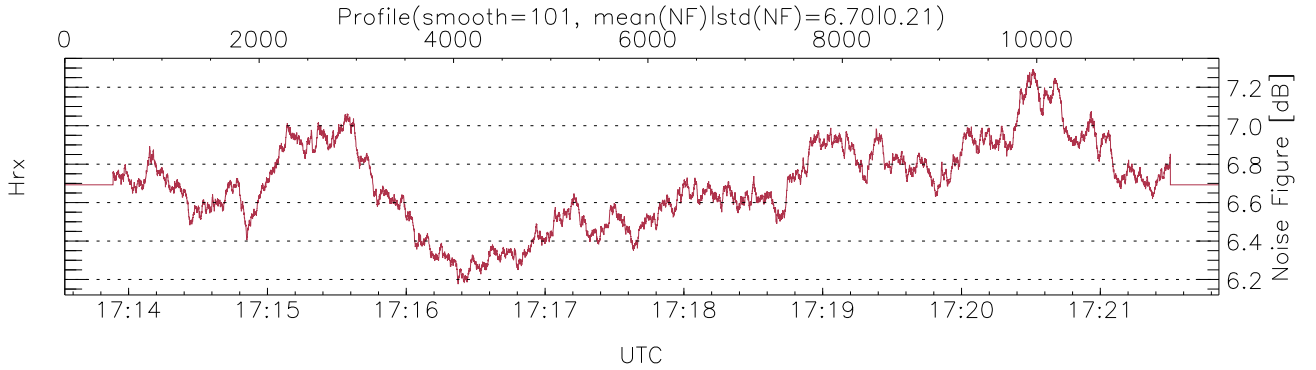


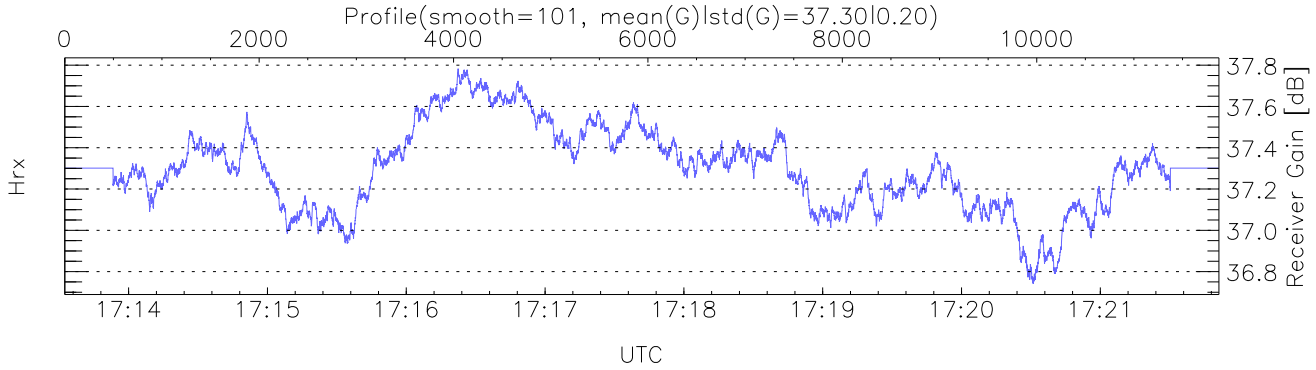
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

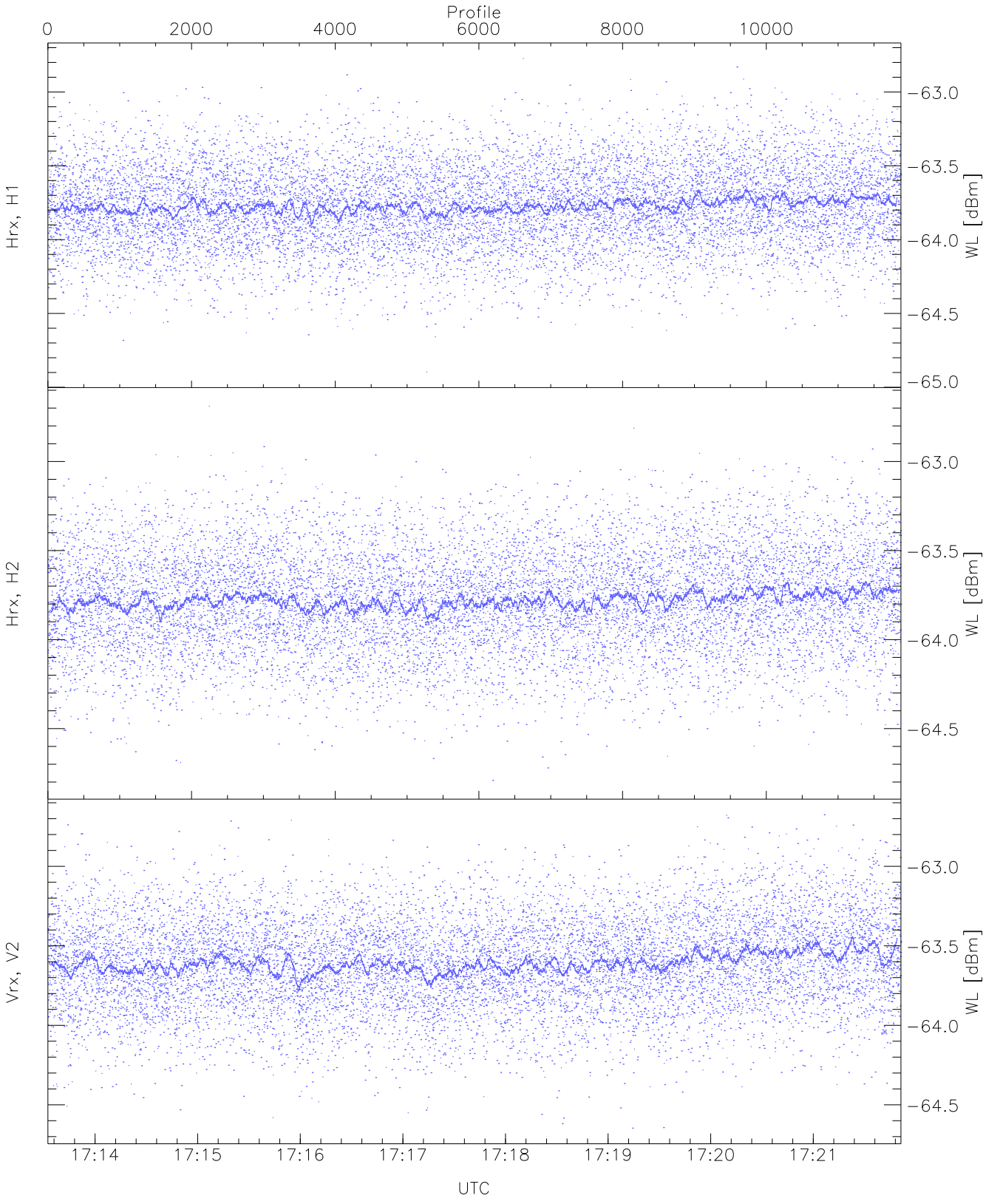
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,28,28,-4
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,22,31,30,37
LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,6,0
EIK/Modulator Faults: None


Profile(smooth=101, mean(NF)|std(NF)=7.74|0.44)
0
2000
4000
6000
8000
10000
Vrx
9.0
8.5
8.0
7.5
7.0
Noise Figure [dB]
17:14
17:15
17:16
17:17
17:18
17:19
17:20
17:21
UTC


Profile(smooth=101, mean(G)|std(G)=36.52|0.41)
0
2000
4000
6000
8000
10000
Vrx
37.0
36.5
36.0
35.5
Receiver Gain [dB]
17:14
17:15
17:16
17:17
17:18
17:19
17:20
17:21
UTC

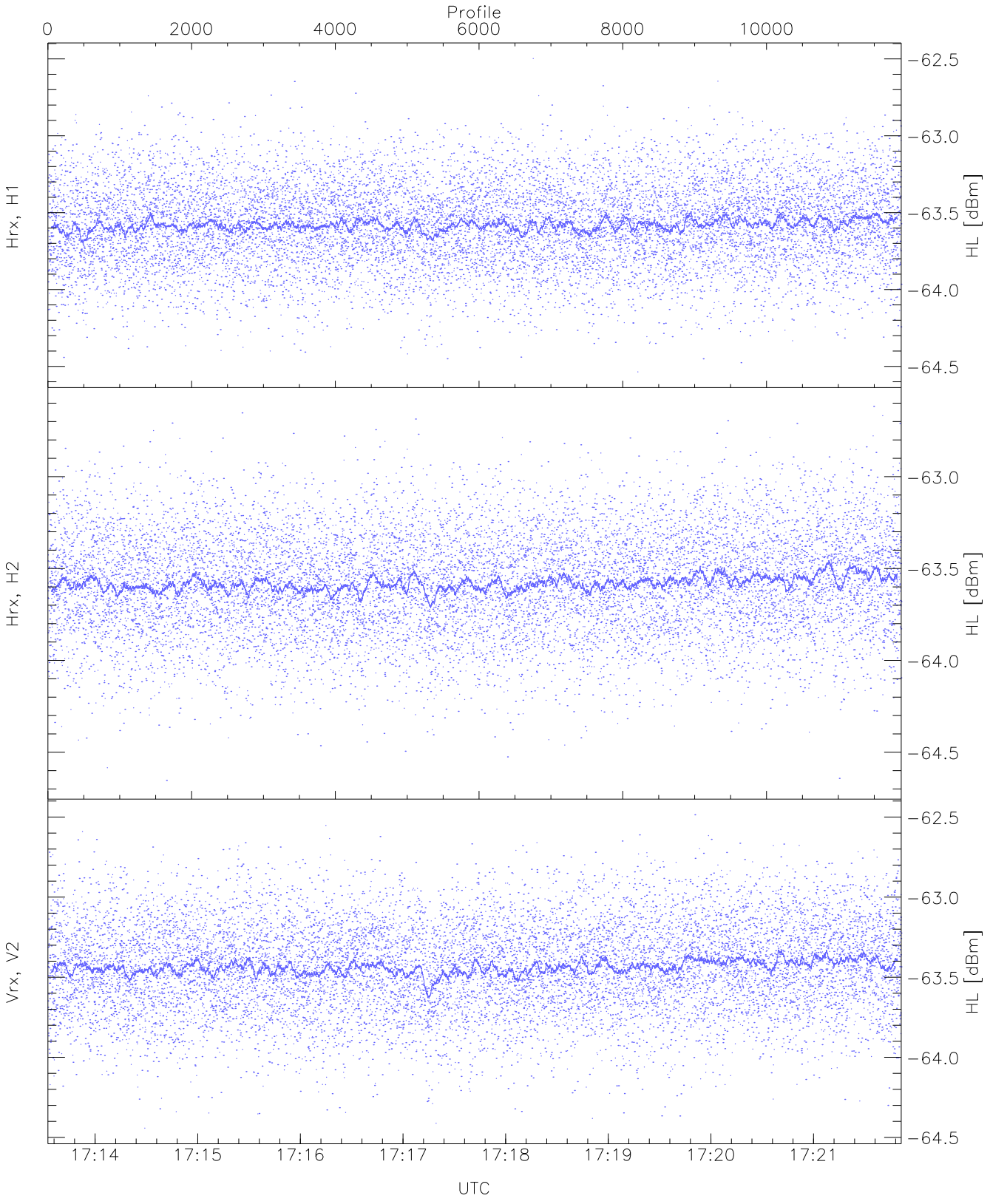

Profile(smooth=101, mean(NF)|std(NF)=6.70|0.21)
0
2000
4000
6000
8000
10000
Hrx
7.2
7.0
6.8
6.6
6.4
6.2
Noise Figure [dB]
17:14
17:15
17:16
17:17
17:18
17:19
17:20
17:21
UTC


Profile(smooth=101, mean(G)|std(G)=37.30|0.20)
0
2000
4000
6000
8000
10000
Hrx
37.8
37.6
37.4
37.2
37.0
36.8
Receiver Gain [dB]
17:14
17:15
17:16
17:17
17:18
17:19
17:20
17:21
UTC



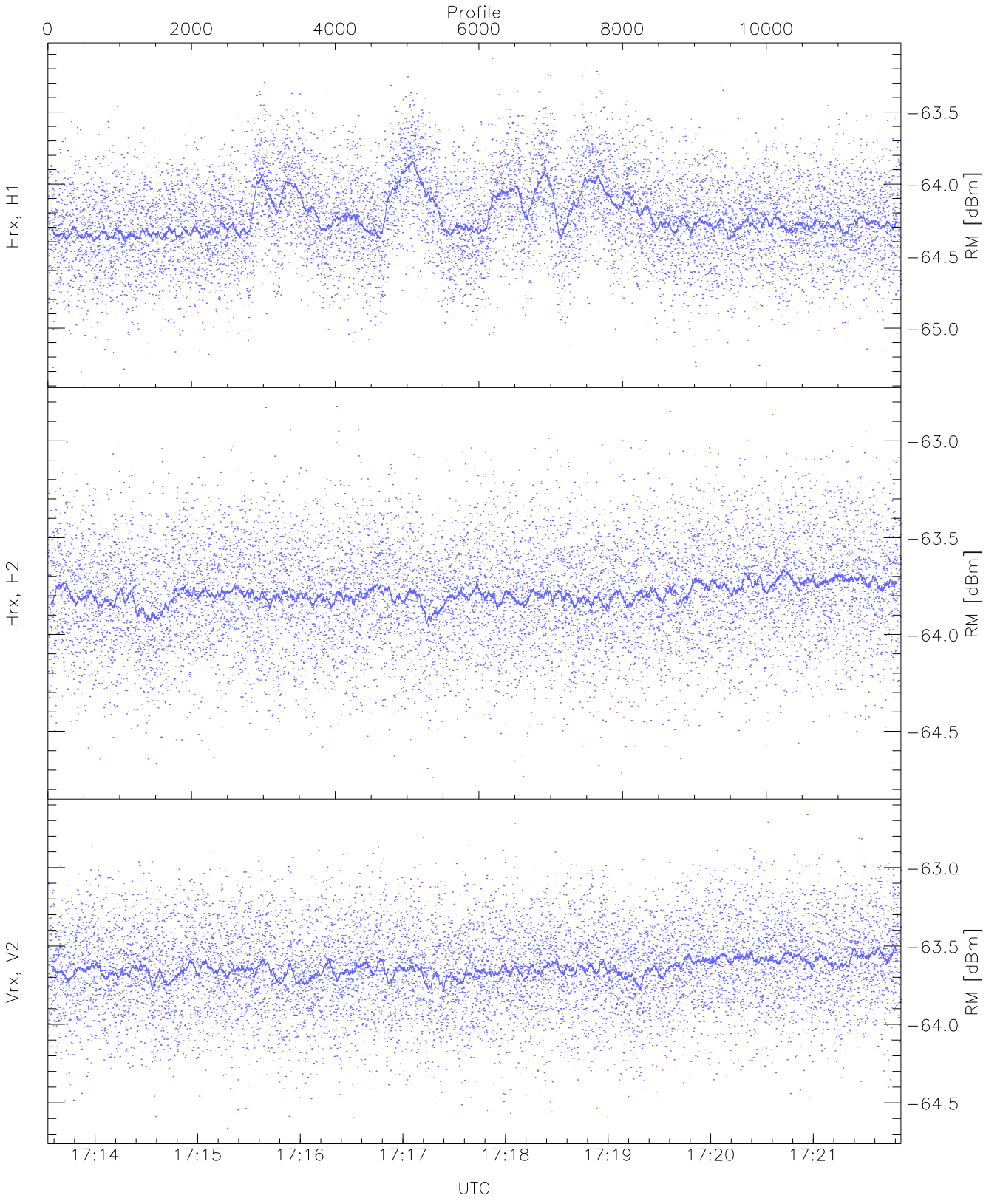
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.90	-62.77	-63.77	-63.77	-75.90
Hrx, H2(WL [dBm])	-64.79	-62.69	-63.77	-63.78	-75.86
Vrx, V2(WL [dBm])	-64.65	-62.68	-63.60	-63.61	-75.65



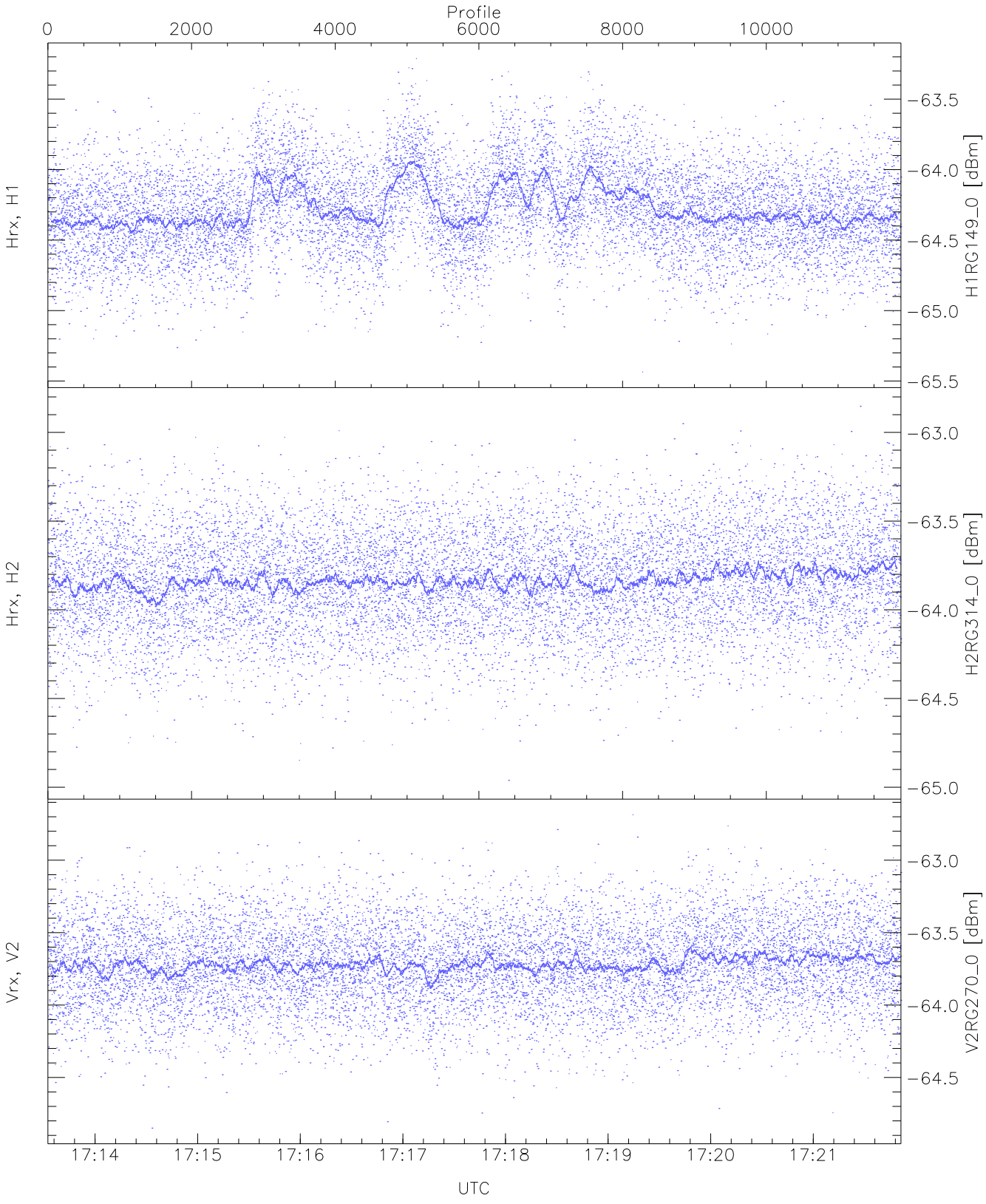
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-64.54	-62.50	-63.57	-63.58	-75.77
Hrx, H2(HL [dBm])	-64.65	-62.62	-63.57	-63.58	-75.71
Vrx, V2(HL [dBm])	-64.44	-62.49	-63.43	-63.44	-75.49



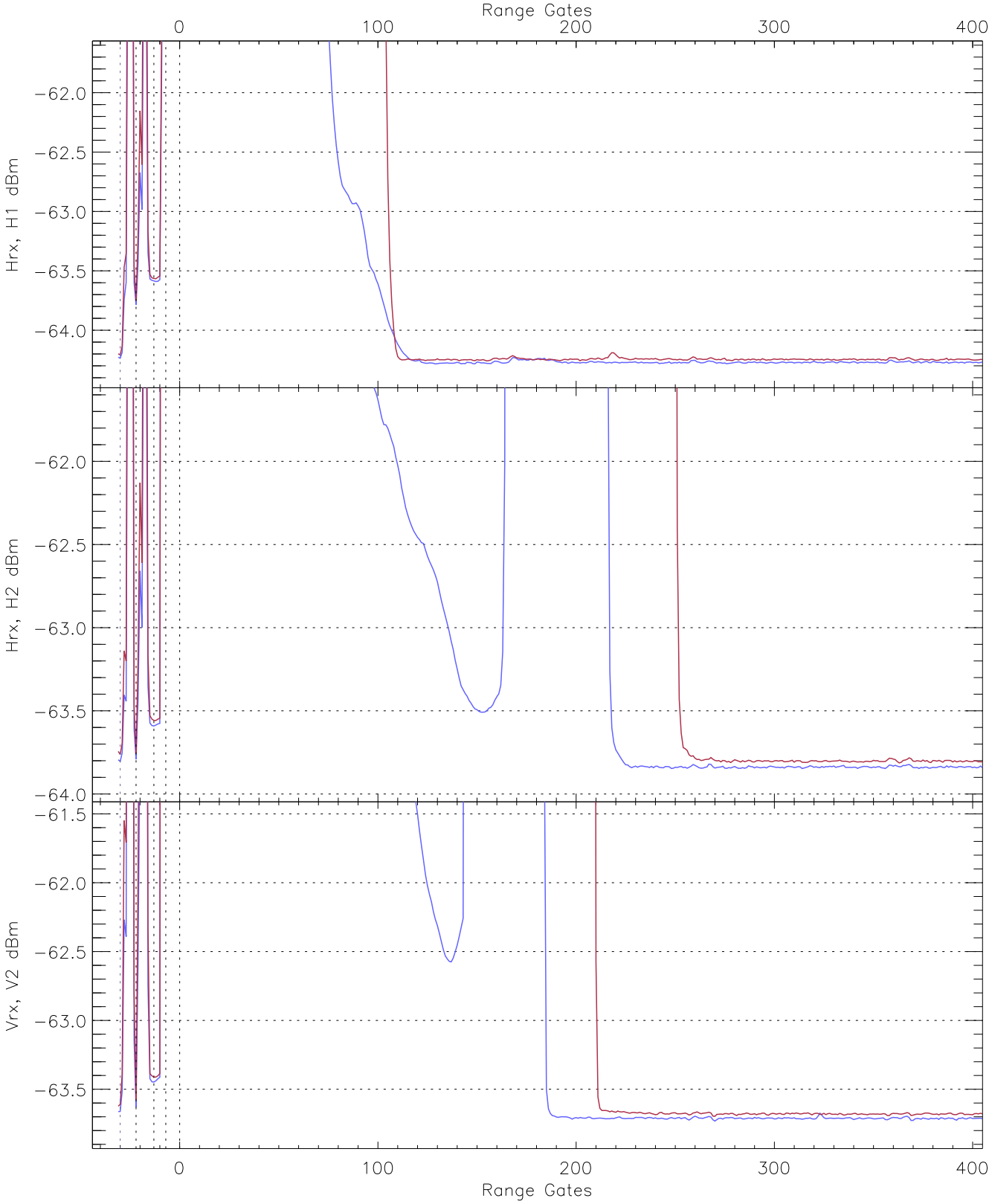
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.30	-63.13	-64.22	-64.23	-75.87
Hrx, H2(RM [dBm])	-64.75	-62.82	-63.78	-63.79	-75.93
Vrx, V2(RM [dBm])	-64.66	-62.66	-63.64	-63.64	-75.69

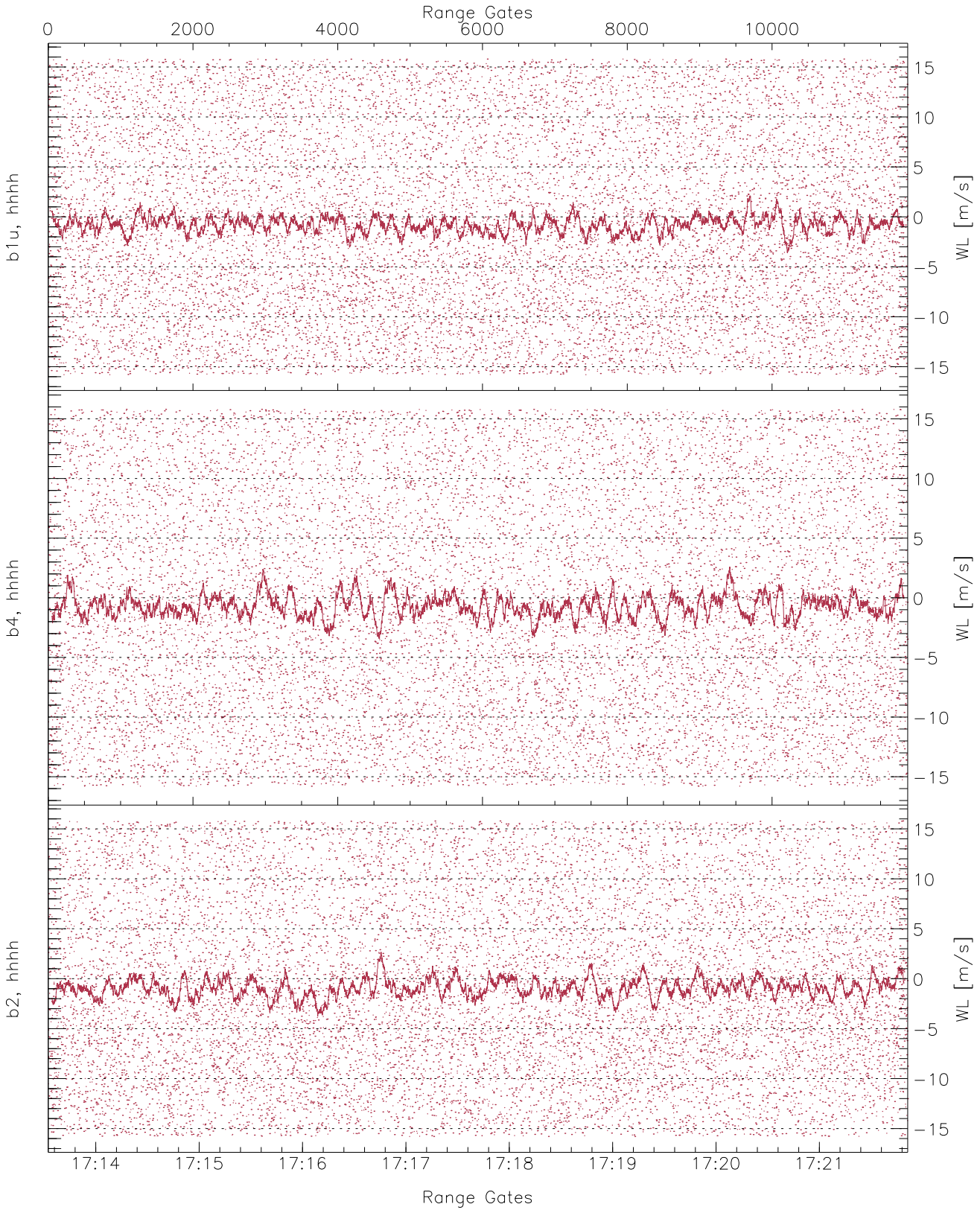


WCR2 CPP "Best" estimate Receivers Noise Power

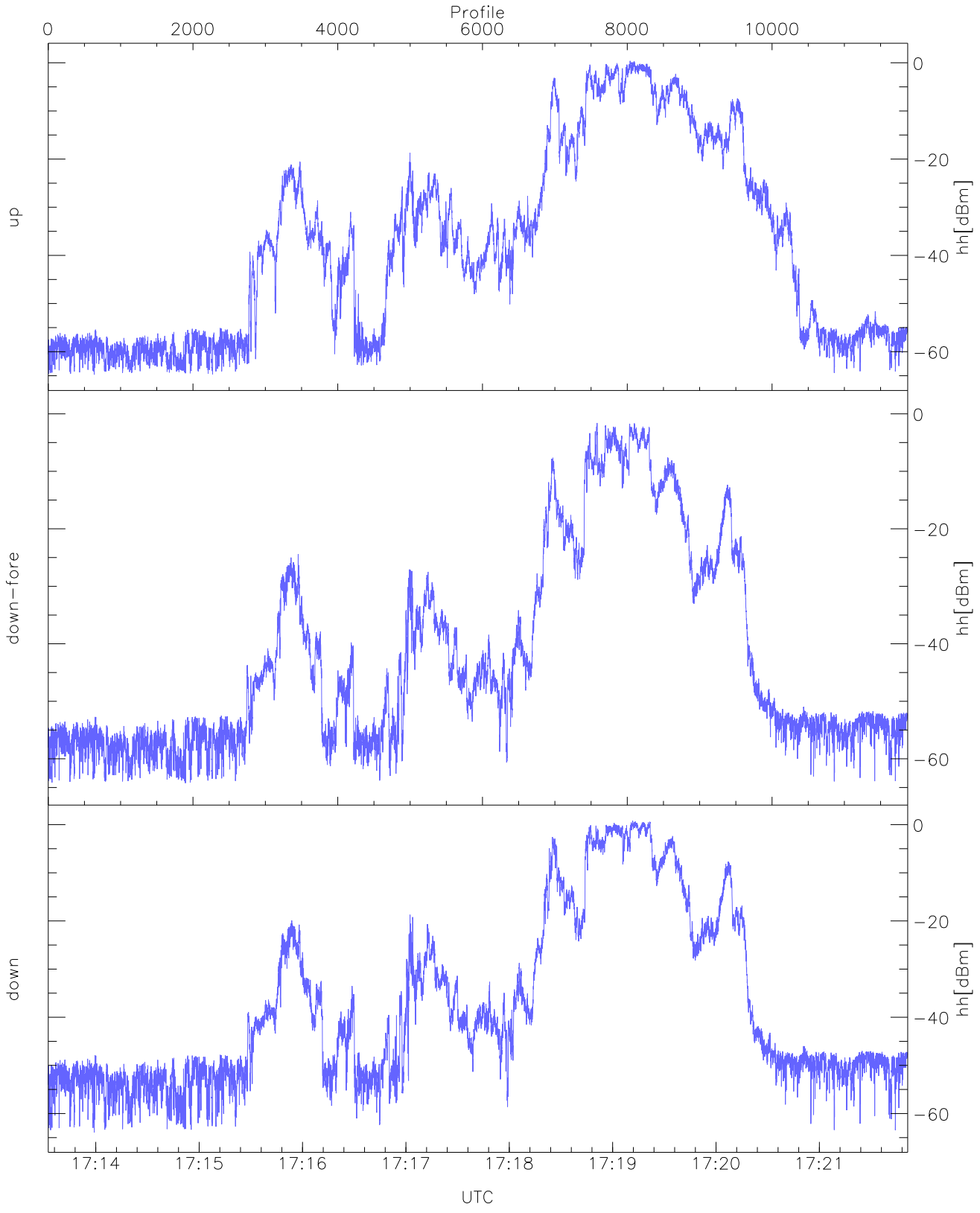
	Min	Max	Mean	Median	StDev
H1RG149_0 [dBm]	-65.44	-63.21	-64.27	-64.28	-75.99
H2RG314_0 [dBm]	-64.96	-62.85	-63.83	-63.83	-75.90
V2RG270_0 [dBm]	-64.85	-62.69	-63.71	-63.72	-75.80



WCR2 CPP Averaged Received power for all recorded gates
blue: 171332-171741, 5939 profiles averaged
red: 171741-172151, 5938 profiles averaged

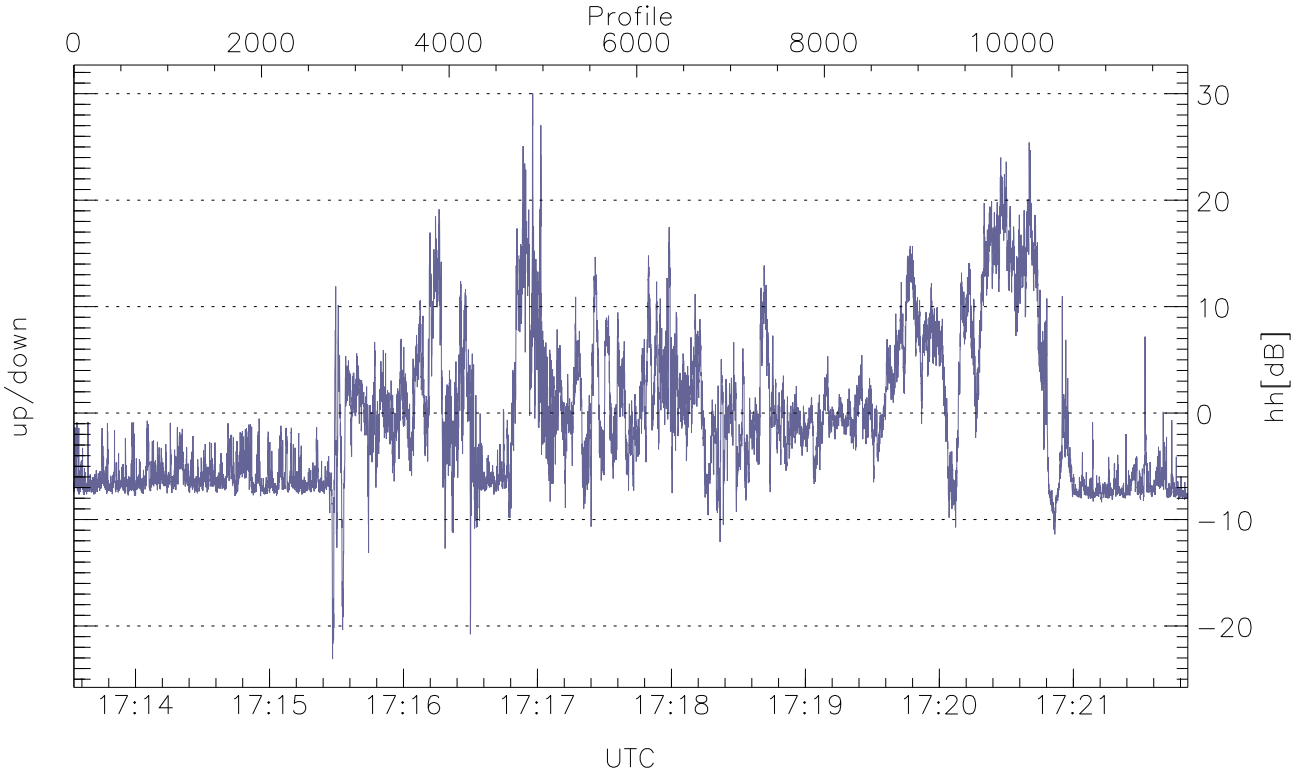


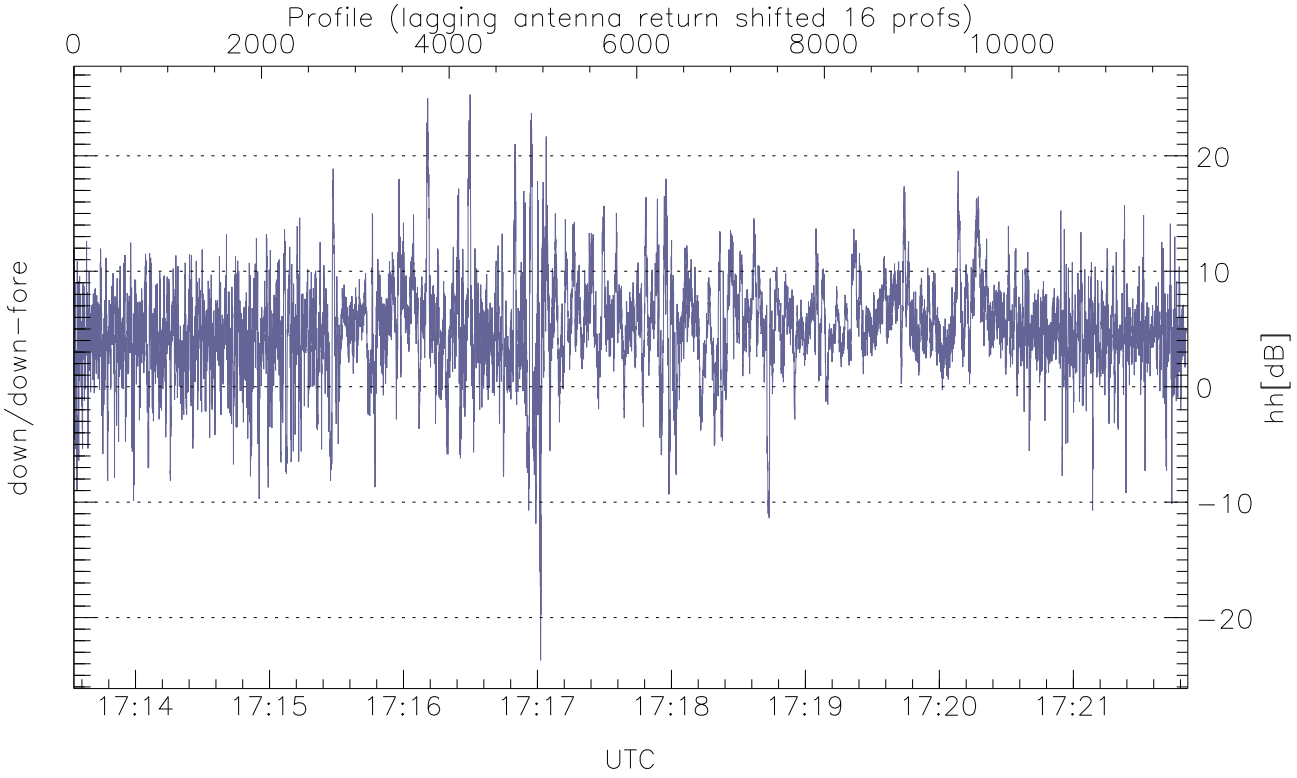
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

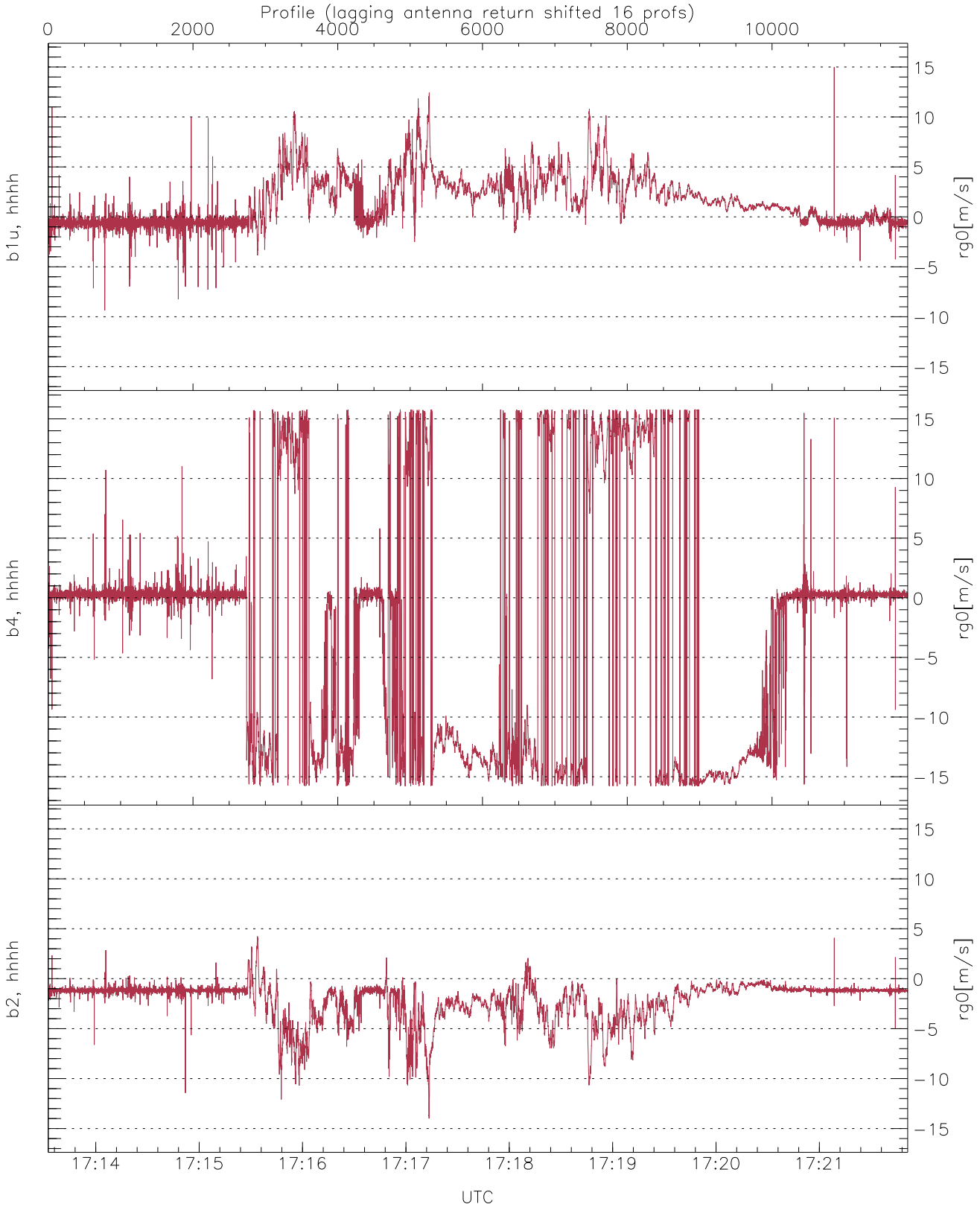
	Min	Max	Mean
up(hh[dBm])	-64.78	0.39	-12.14
down-fore(hh[dBm])	-64.24	-1.60	-15.86
down(hh[dBm])	-63.89	0.78	-11.76





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

	Min	Max	Mean
up/down(hh[dB])	-23.11	30.04	-1.06
down/down-fore(hh[dB])	-23.69	25.31	5.07



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-9.36	14.99	1.64	2.40
b4, hhhh(rg0[m/s])	-15.80	15.80	-2.45	10.07
b2, hhhh(rg0[m/s])	-13.99	4.25	-2.18	1.92