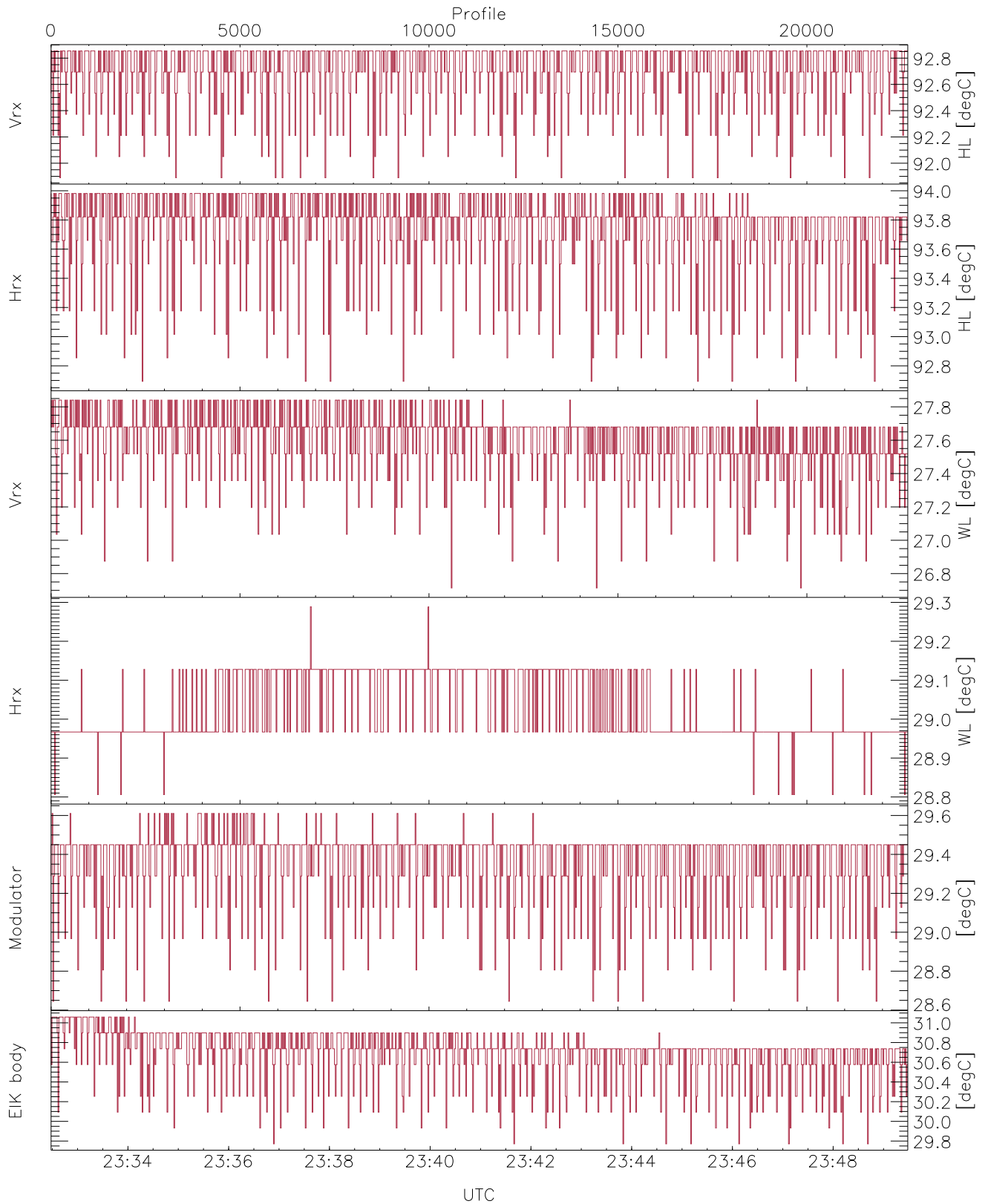


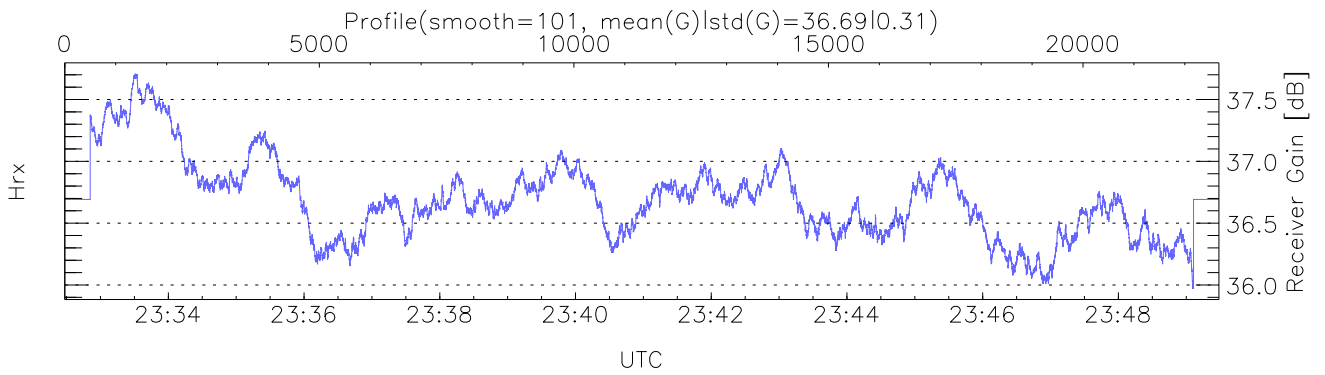
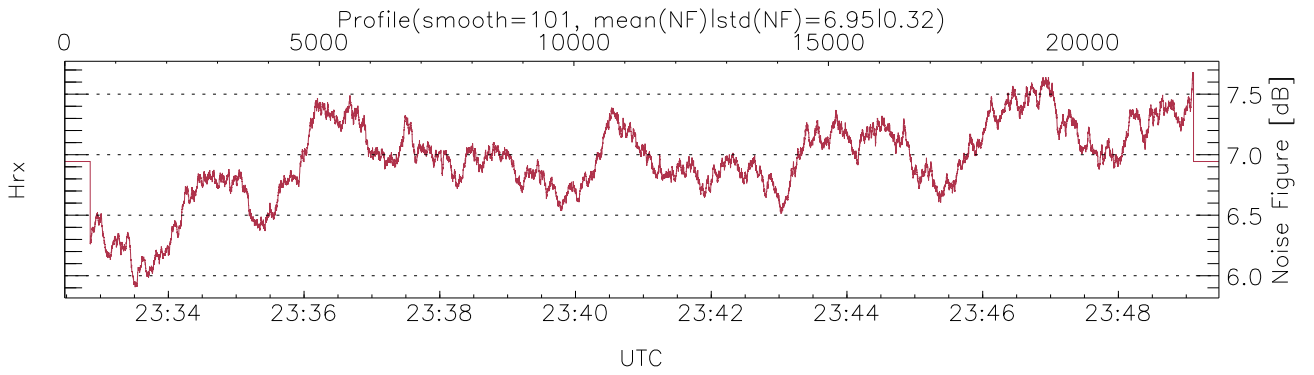
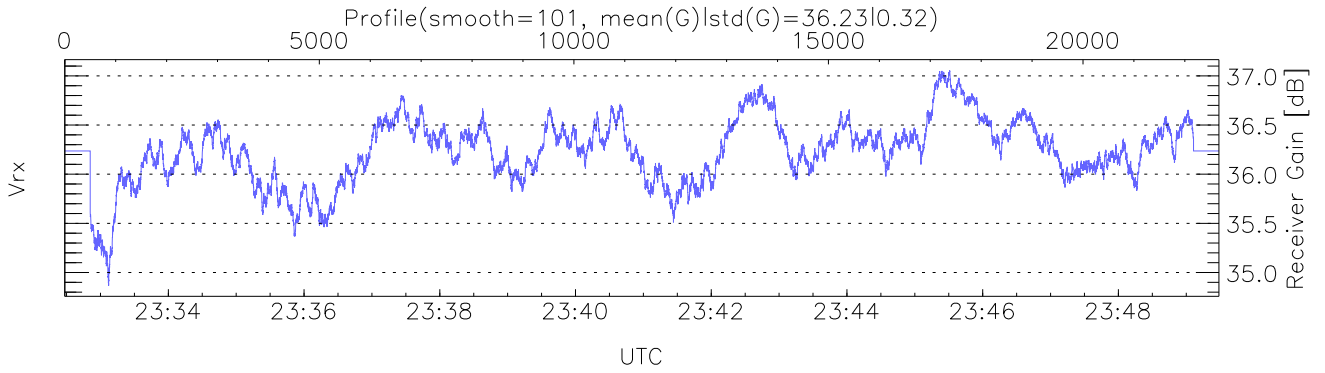
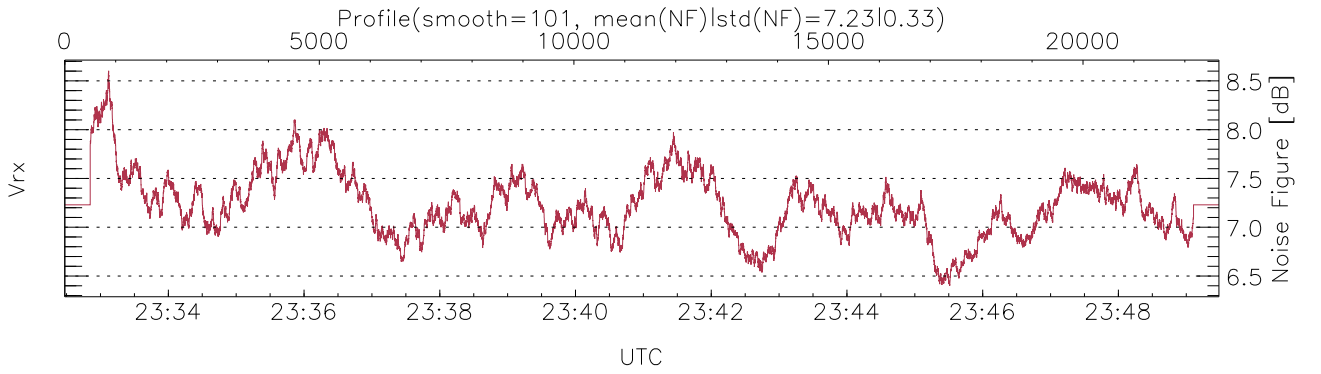
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:32:28-23:49:29, TimeCor: 0.00s, Dur: 1020.45s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 22672/22672, 0-22671/23:32:28-23:49:29
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



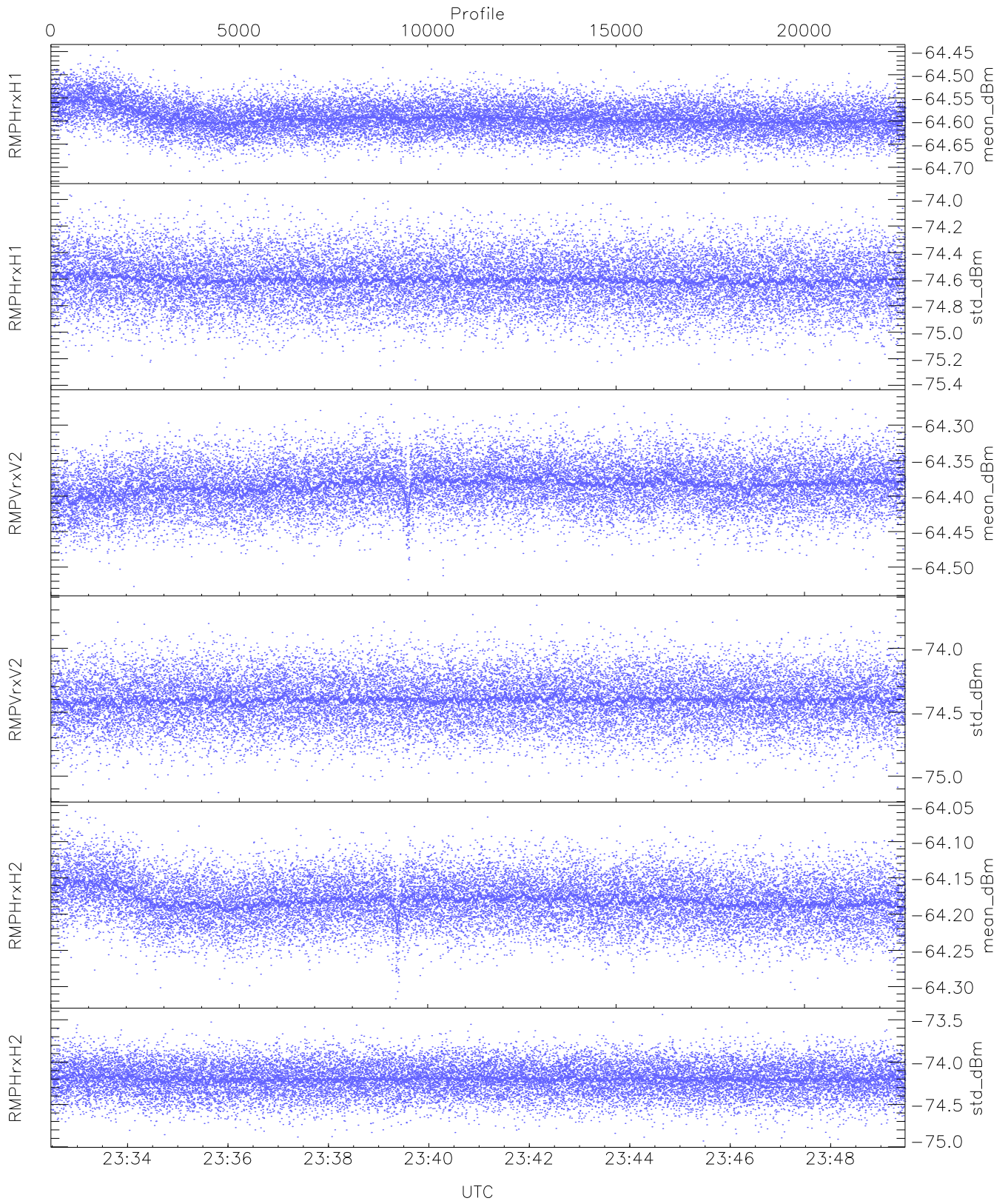
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,26,28,28,29`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,31`
`LOalarm(20,240,2817,14861 MHz): 0,0,66,0`
`EIK Faults(# prof affected):`
`CoilT,BodyCurr,DeckF,OverDuty,HVPS (22,46,46,22,22)`



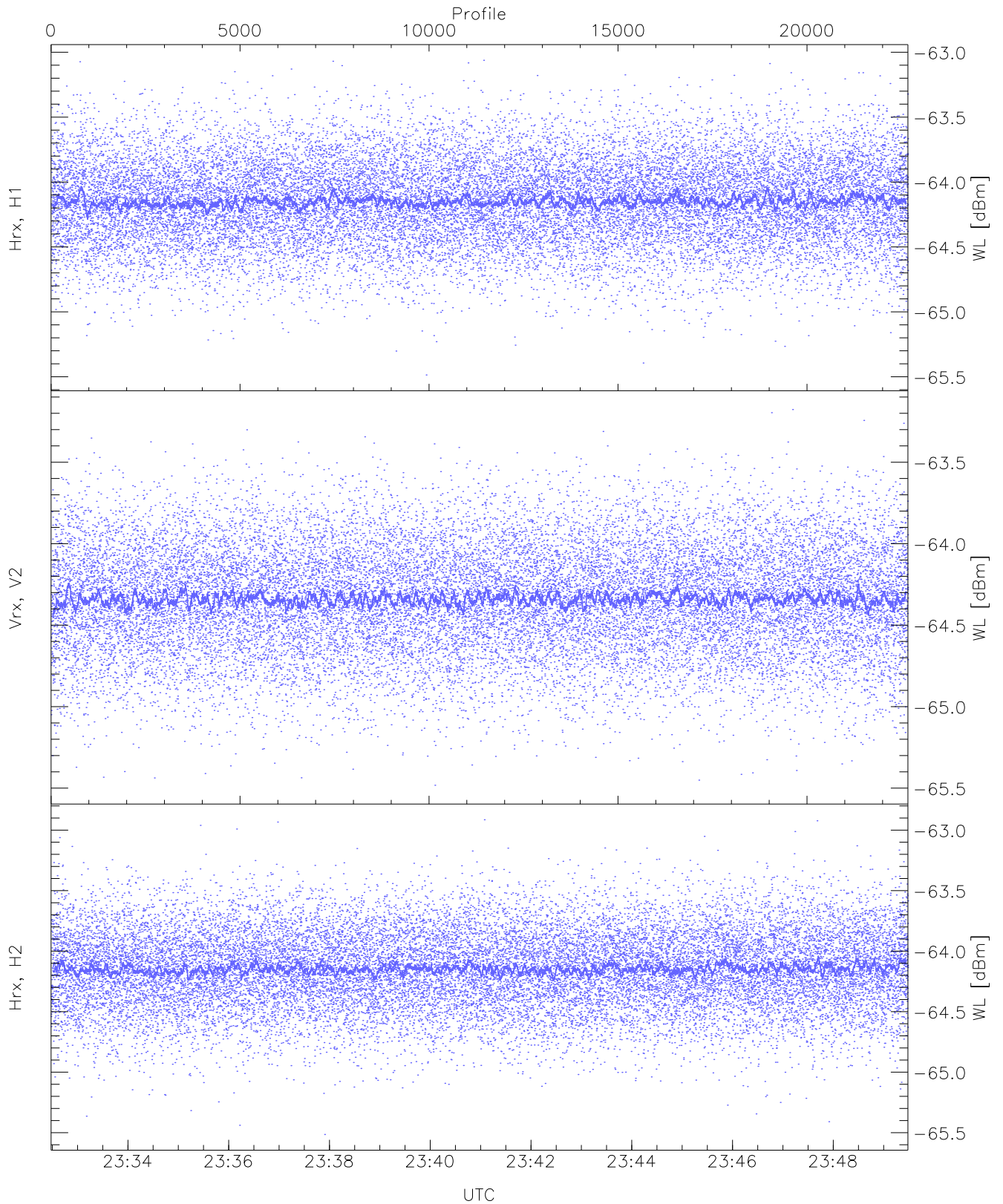
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 18 pixs, 5 gates, 18 profs, 1 prod(s)



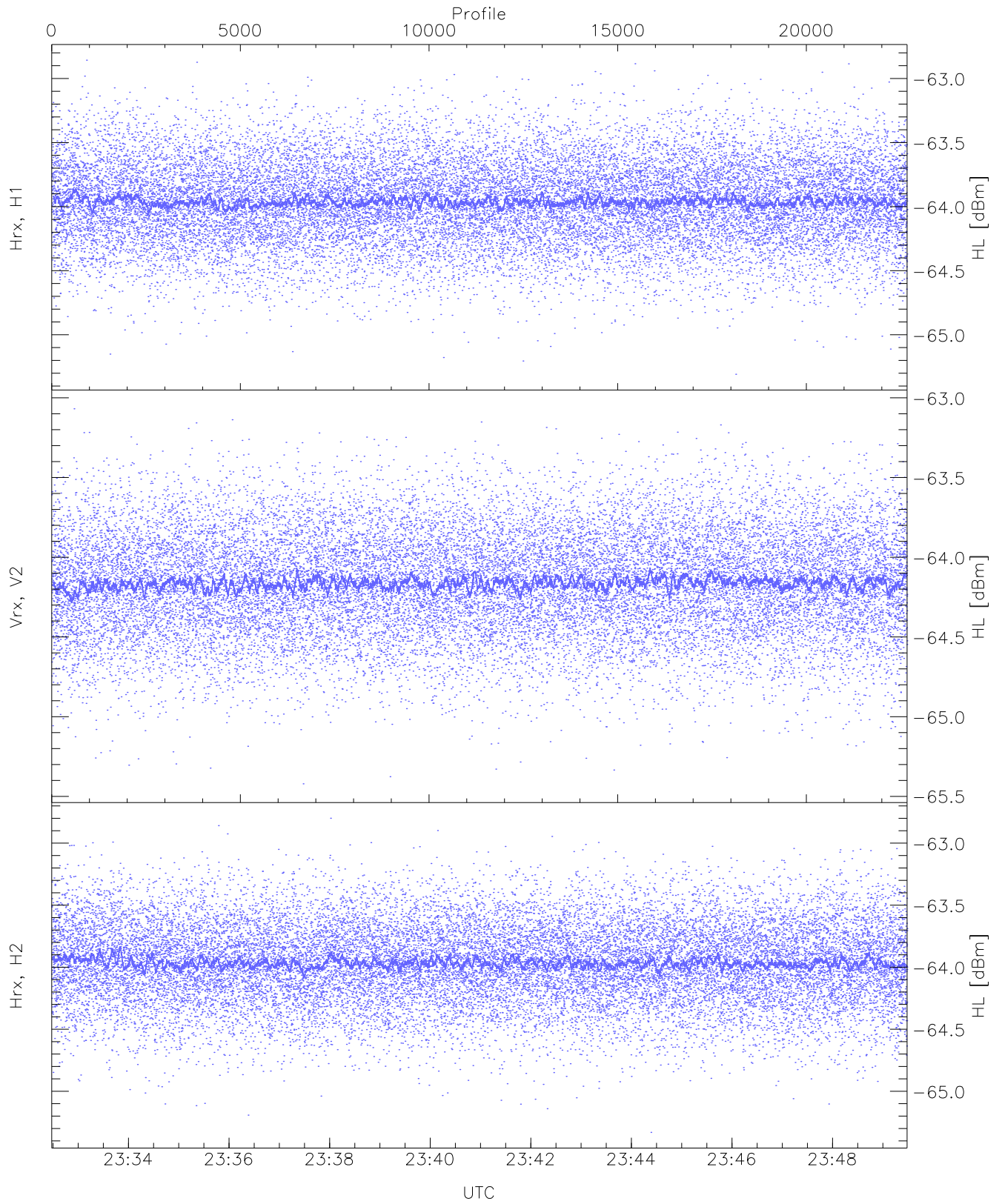
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.72	-64.45	-64.59	-64.59	-85.85
RMPHrxH1(std_dBm)	-75.36	-73.95	-74.61	-74.61	-88.41
RMPVrxV2(mean_dBm)	-64.53	-64.26	-64.38	-64.38	-85.83
RMPVrxV2(std_dBm)	-75.13	-73.66	-74.40	-74.41	-88.15
RMPHrxH2(mean_dBm)	-64.32	-64.06	-64.18	-64.18	-85.61
RMPHrxH2(std_dBm)	-74.93	-73.44	-74.20	-74.20	-87.96



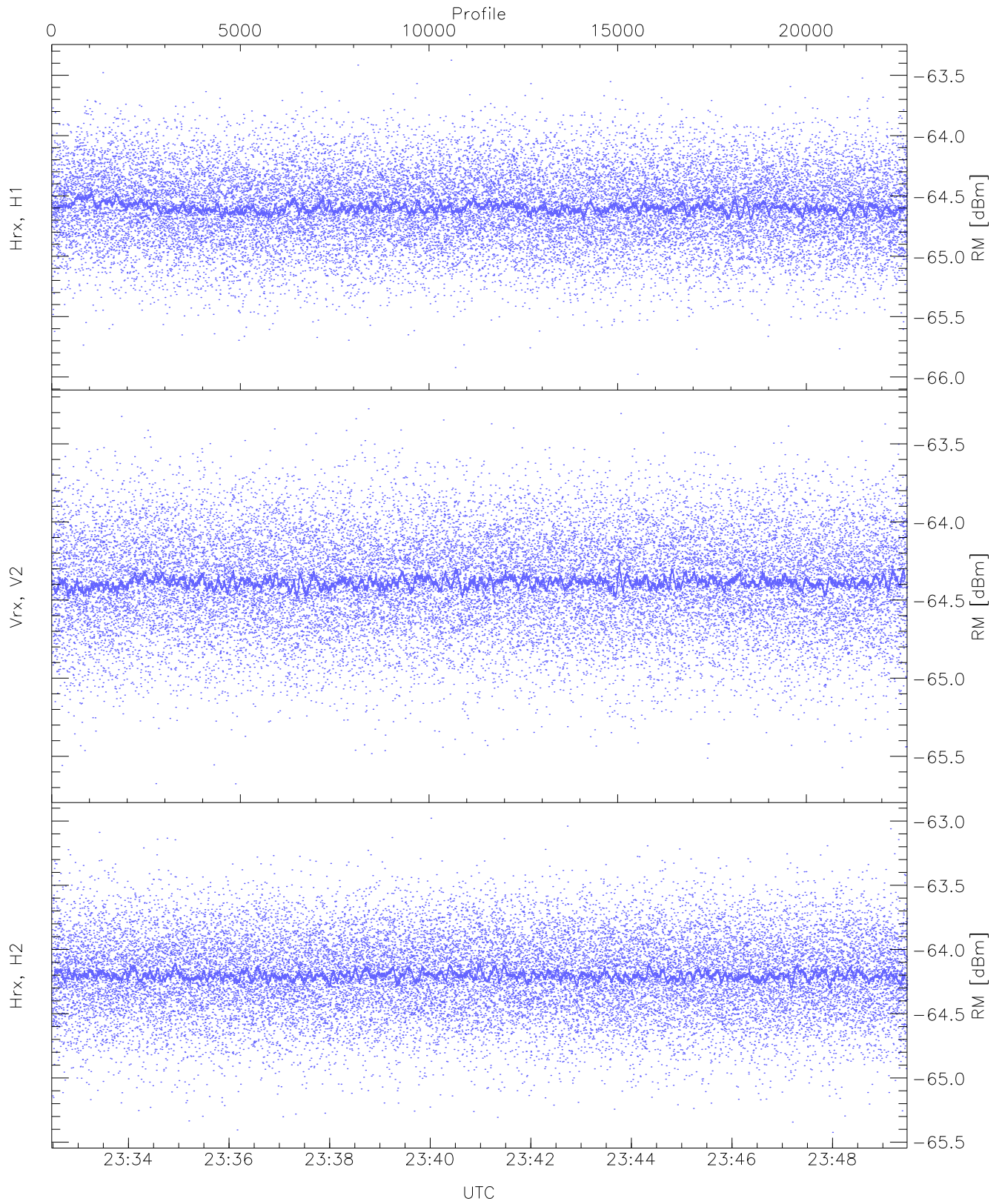
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.49	-63.06	-64.14	-64.15	-75.64
Vrx, V2 (WL [dBm])	-65.48	-63.18	-64.33	-64.34	-75.80
Hrx, H2 (WL [dBm])	-65.51	-62.91	-64.14	-64.15	-75.64



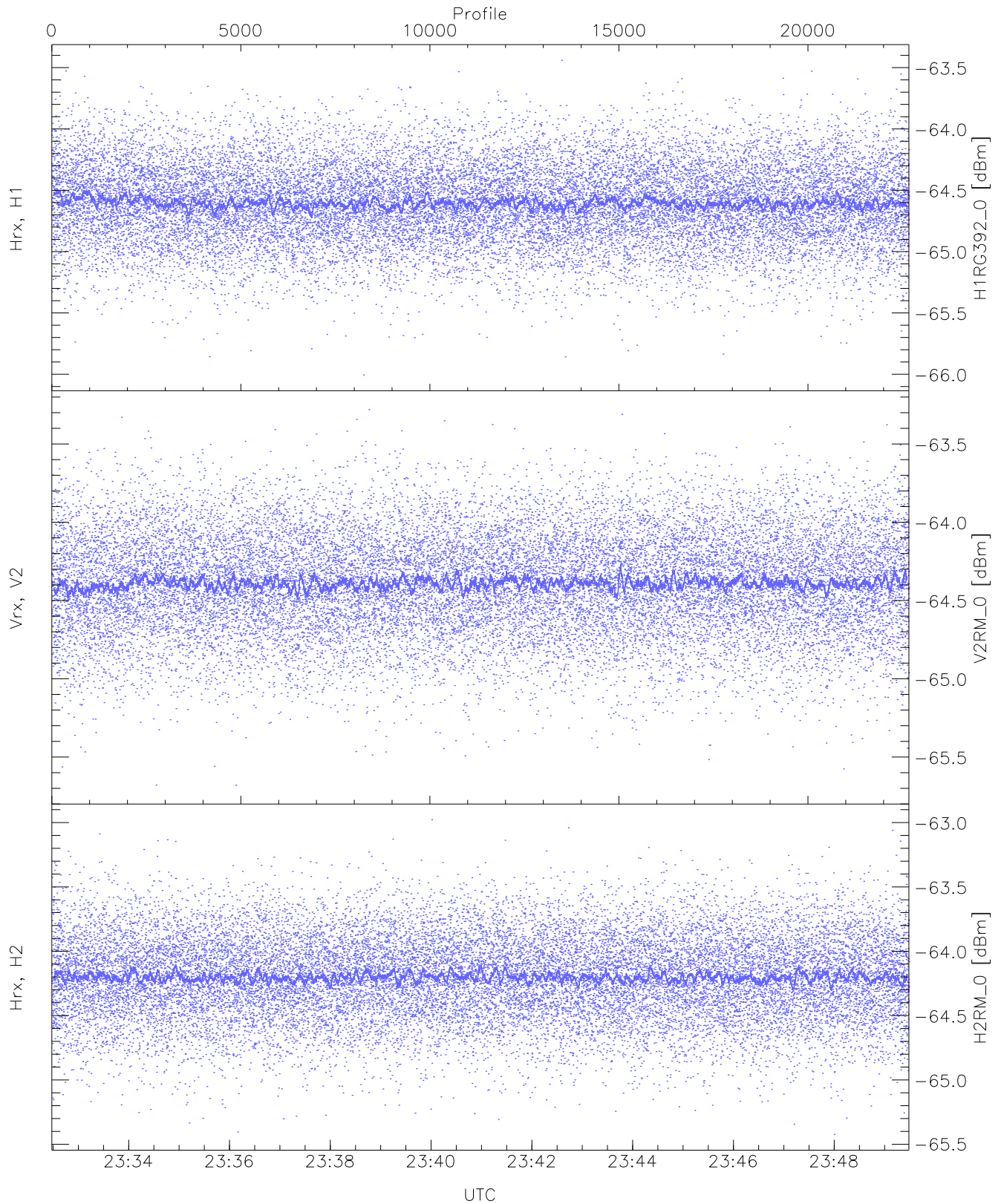
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.31	-62.86	-63.96	-63.96	-75.47
Vrx, V2 (HL [dBm])	-65.42	-63.07	-64.16	-64.16	-75.67
Hrx, H2 (HL [dBm])	-65.33	-62.80	-63.96	-63.97	-75.45



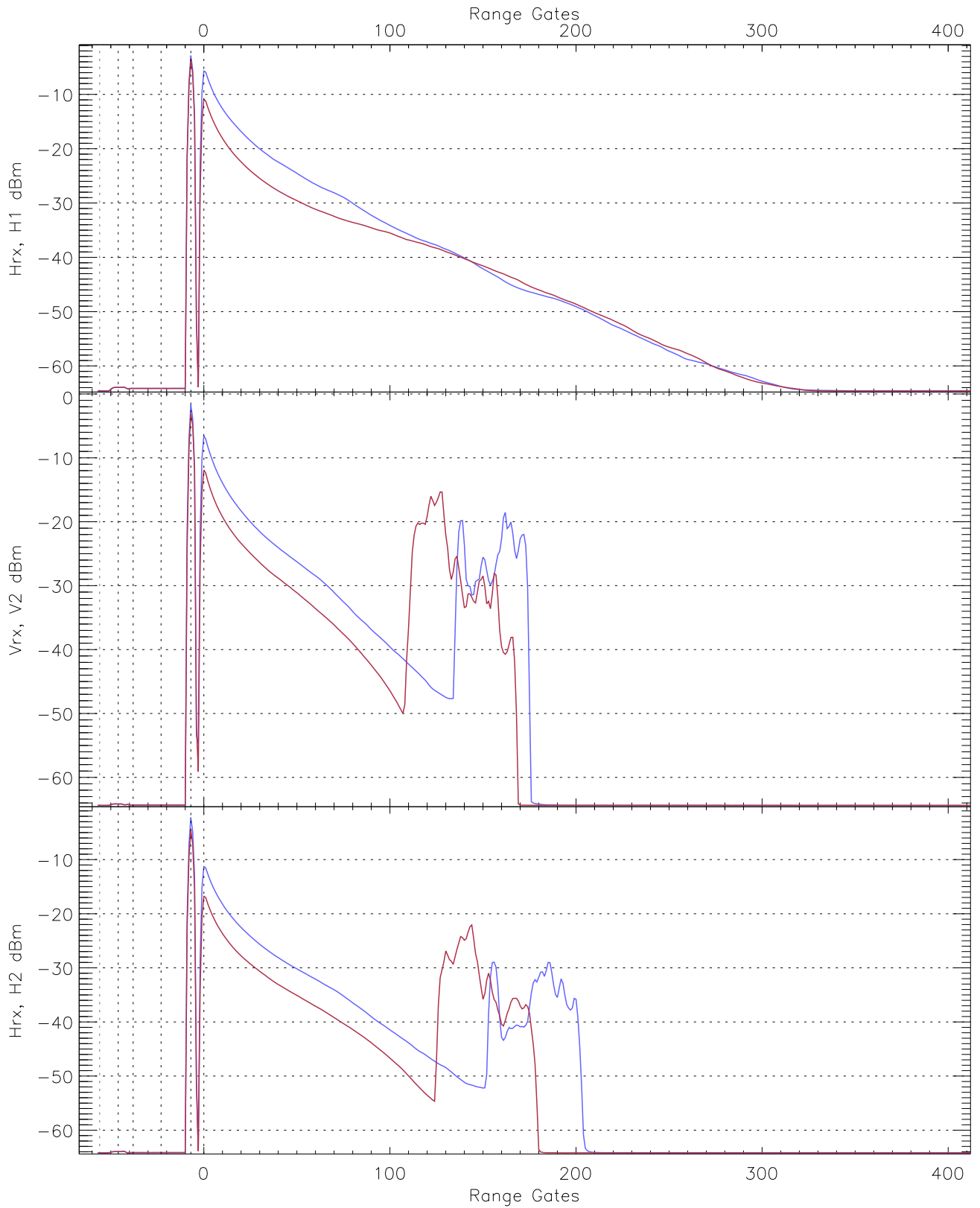
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.98	-63.38	-64.59	-64.60	-76.08
Vrx, V2 (RM [dBm])	-65.68	-63.28	-64.38	-64.39	-75.90
Hrx, H2 (RM [dBm])	-65.42	-62.98	-64.19	-64.20	-75.68

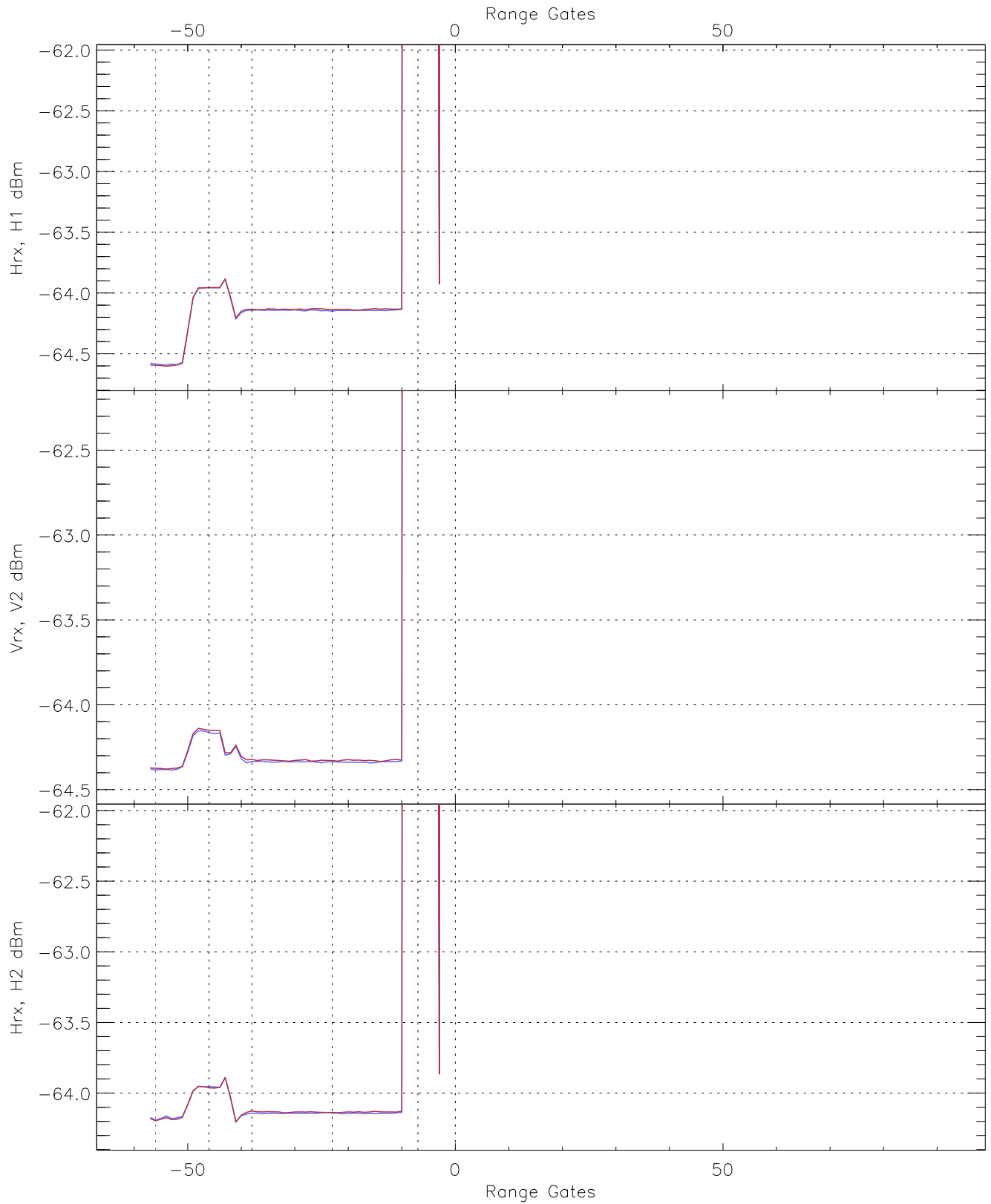


WCR3 CPP "Best" estimate Receivers Noise Power

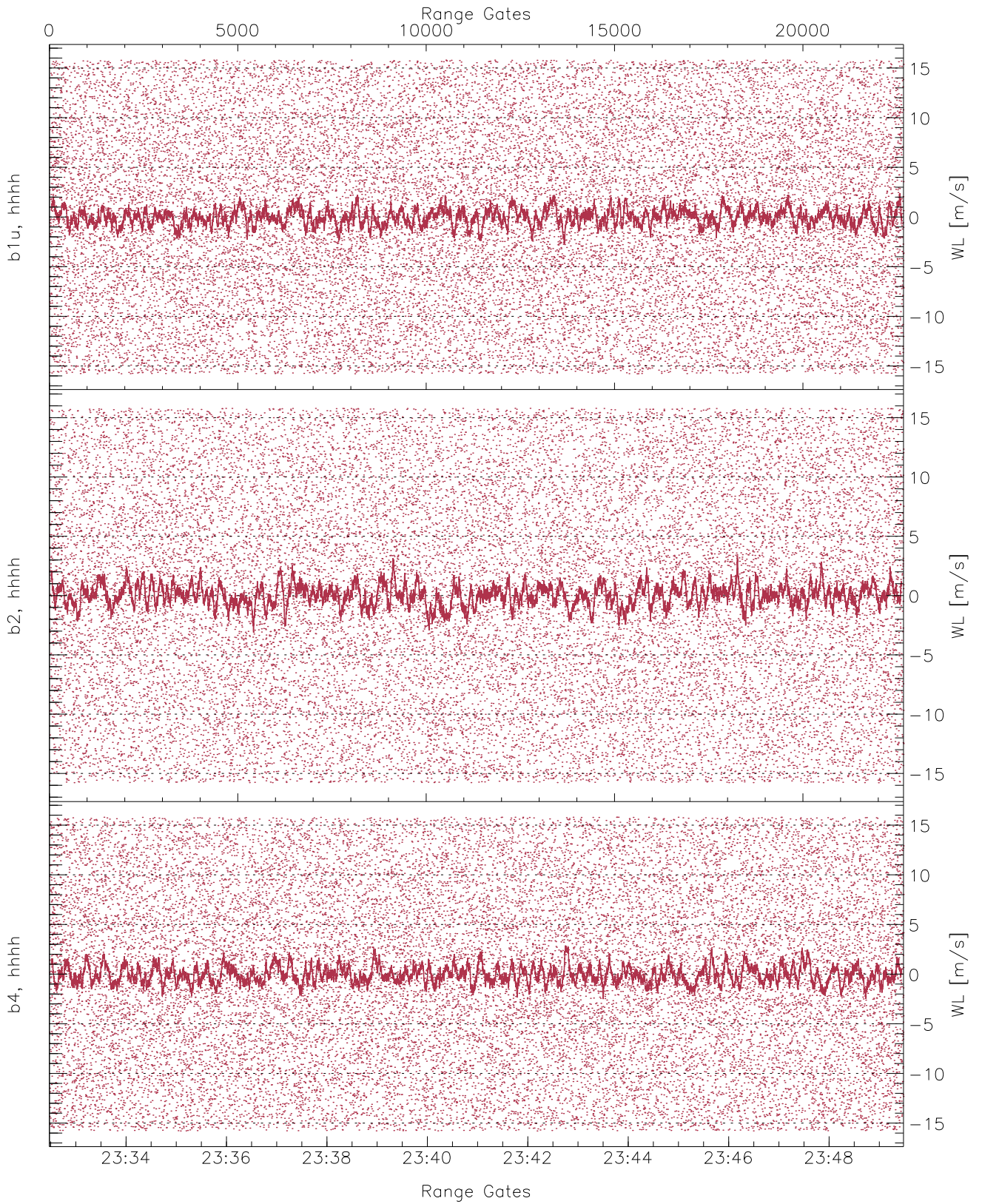
	Min	Max	Mean	Median	StDev
H1RG392_0 [dBm]	-66.01	-63.44	-64.60	-64.61	-76.08
V2RM_0 [dBm]	-65.68	-63.28	-64.38	-64.39	-75.91
H2RM_0 [dBm]	-65.42	-62.98	-64.19	-64.20	-75.68



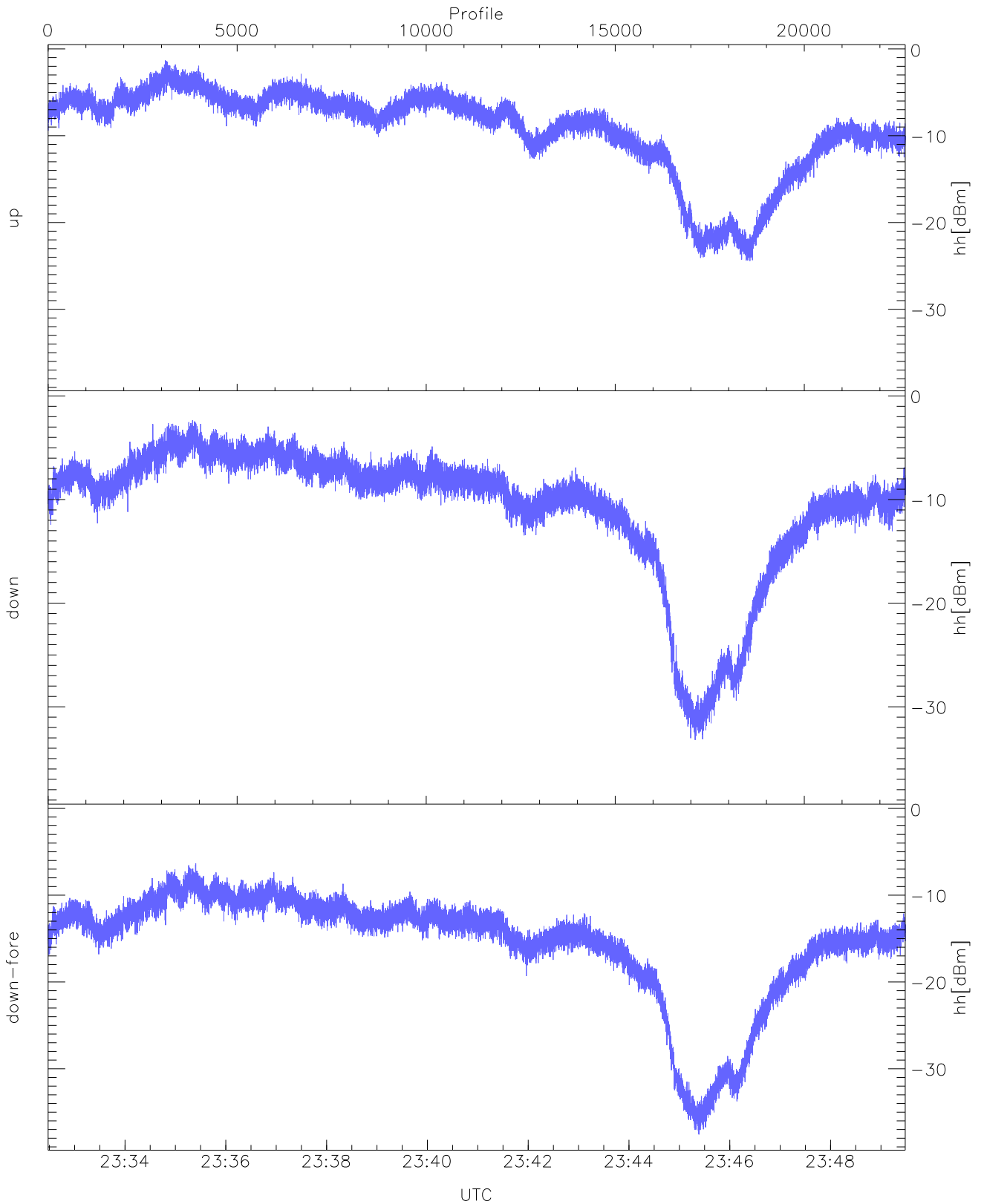
WCR3 CPP Averaged Received power for all recorded gates
blue: 233228-234059, 11337 profiles averaged
red: 234059-234929, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 233228-234059, 11337 profiles averaged
red: 234059-234929, 11336 profiles averaged

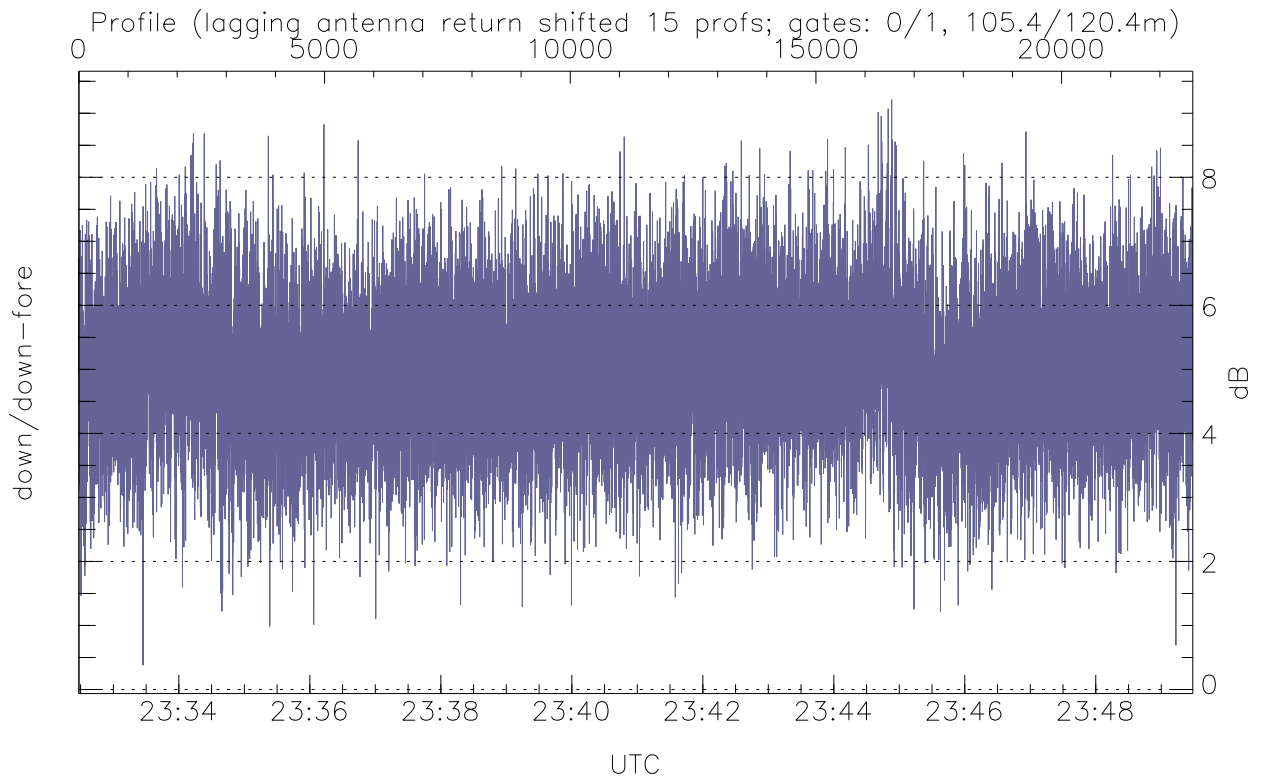
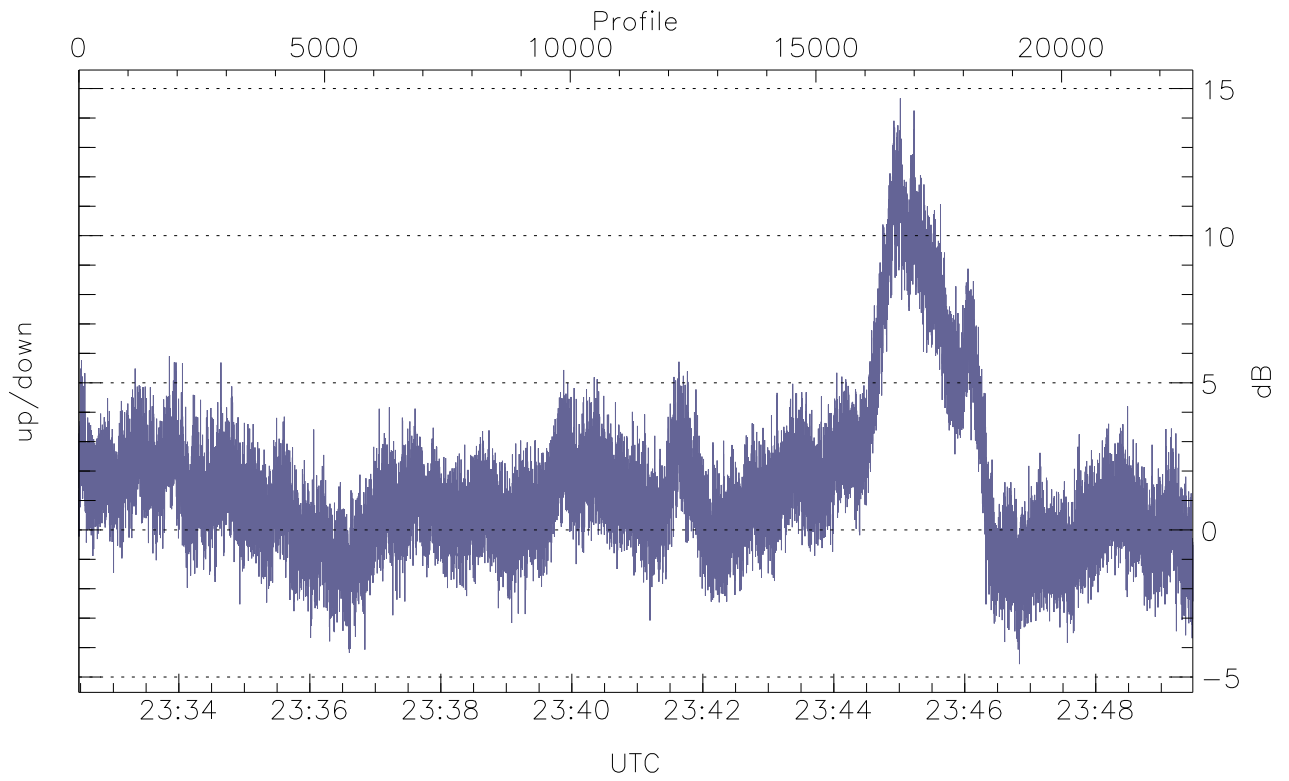


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



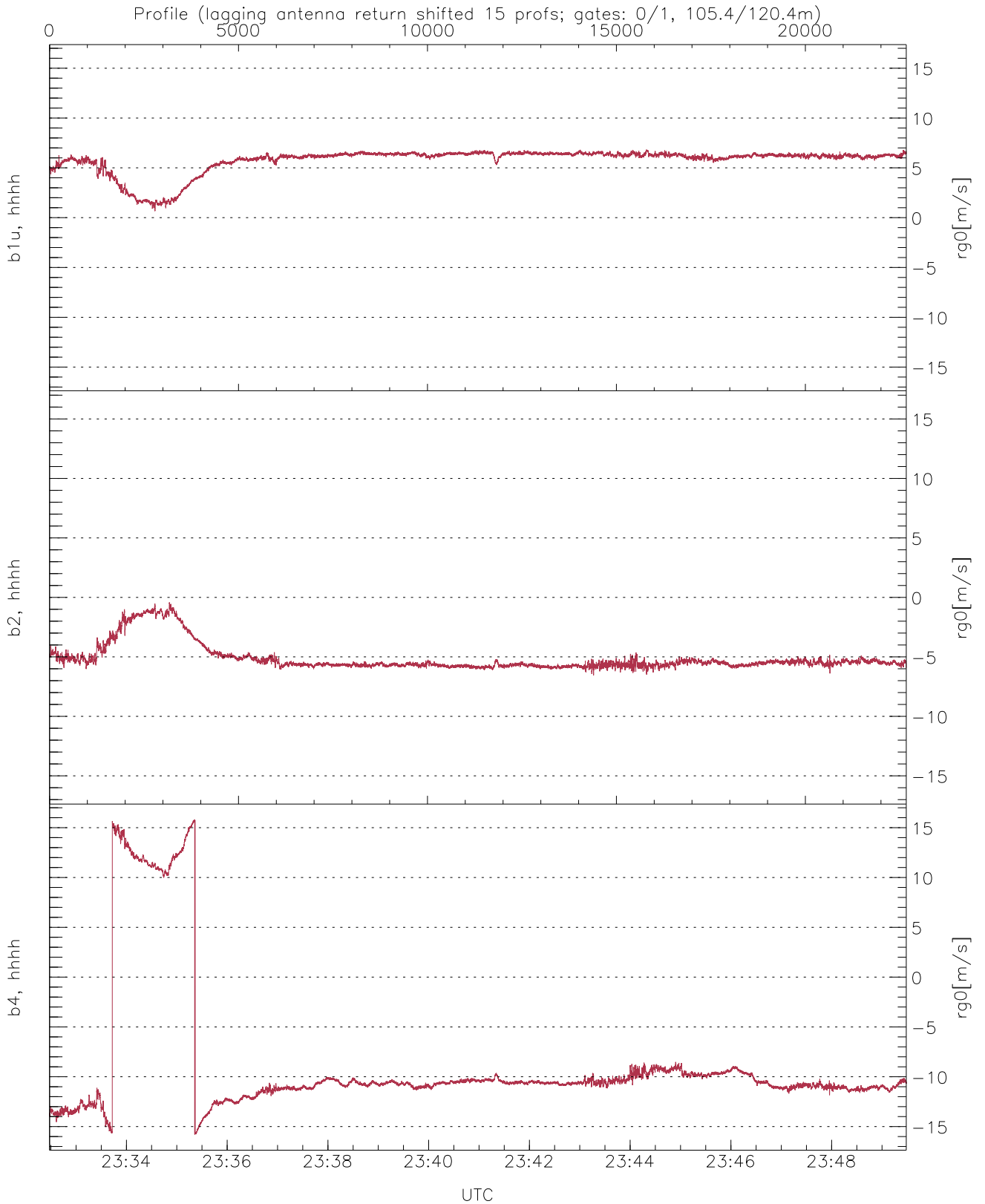
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-24.43	-1.31	-7.56
down(hh[dBm])	-33.20	-2.36	-8.48
down-fore(hh[dBm])	-37.57	-6.33	-13.22



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-4.56	14.67	1.52
down/down-fore (dB)	0.38	9.22	5.03



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	0.68	6.82	5.75	1.24
b2, hhhh(rg0[m/s])	-6.55	-0.43	-5.13	1.17
b4, hhhh(rg0[m/s])	-15.79	15.79	-8.68	7.05