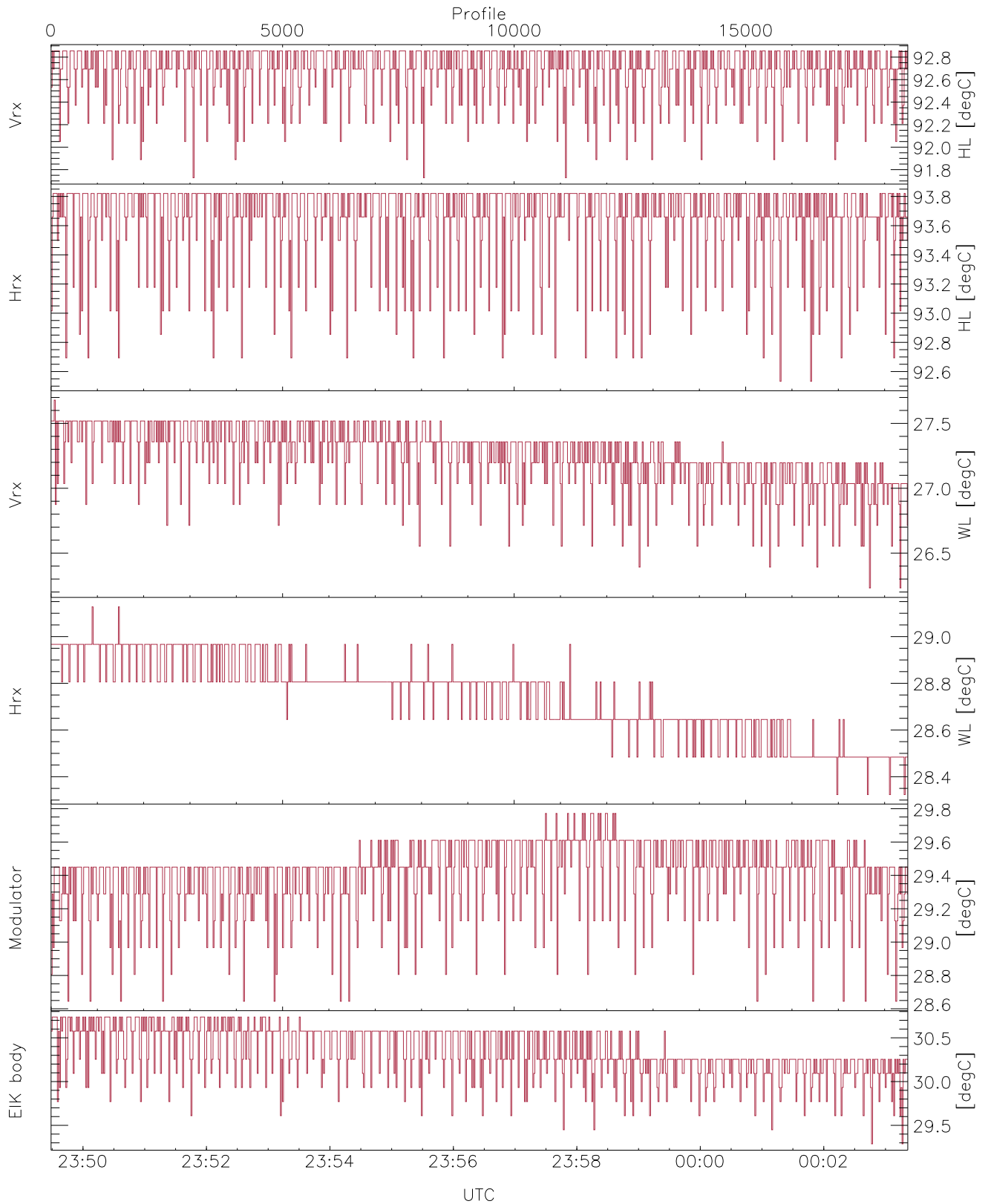


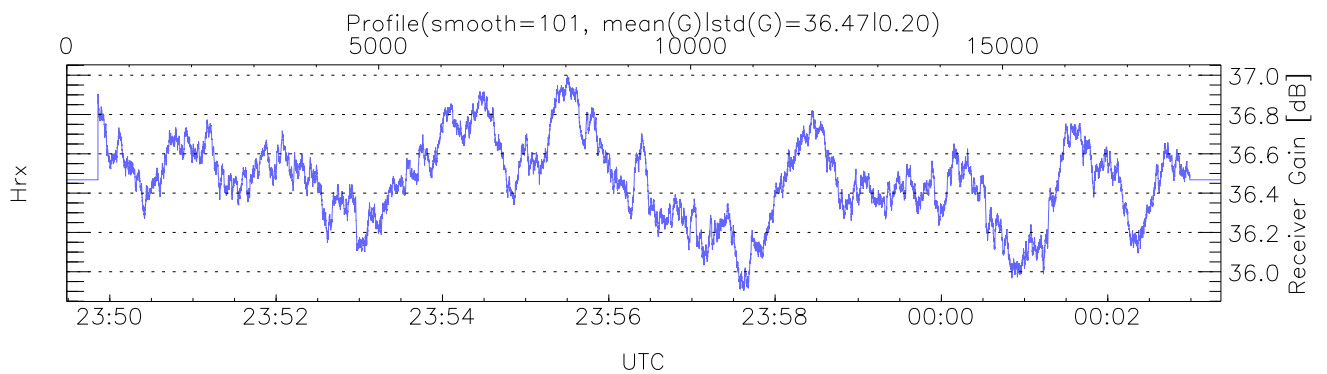
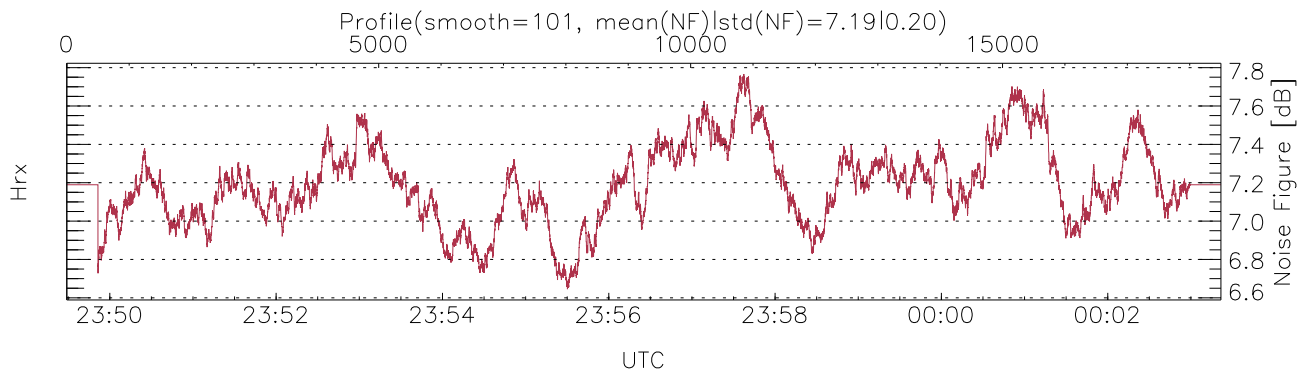
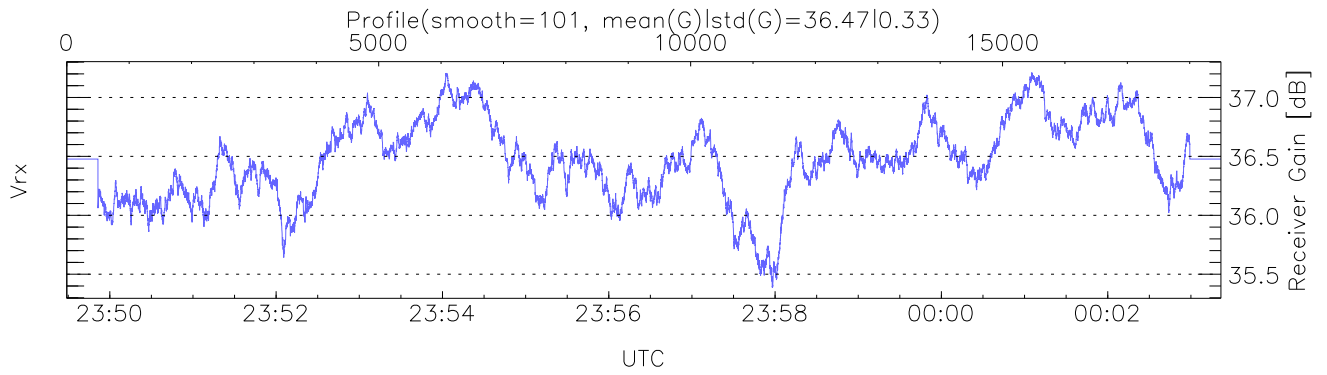
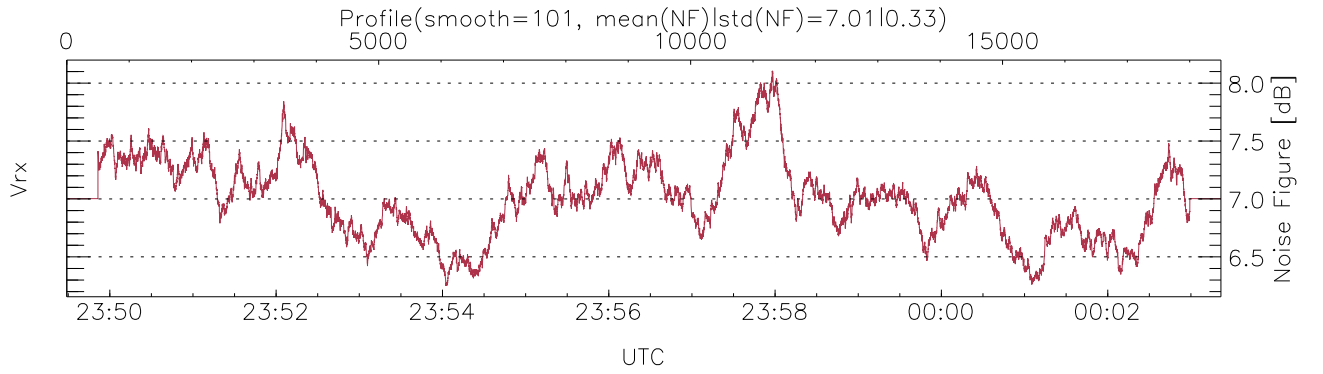
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:49:29-00:03:22, TimeCor: 0.00s, Dur: 832.75s
 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): 18502/18502, 0-18501/23:49:29-00:03:22
 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



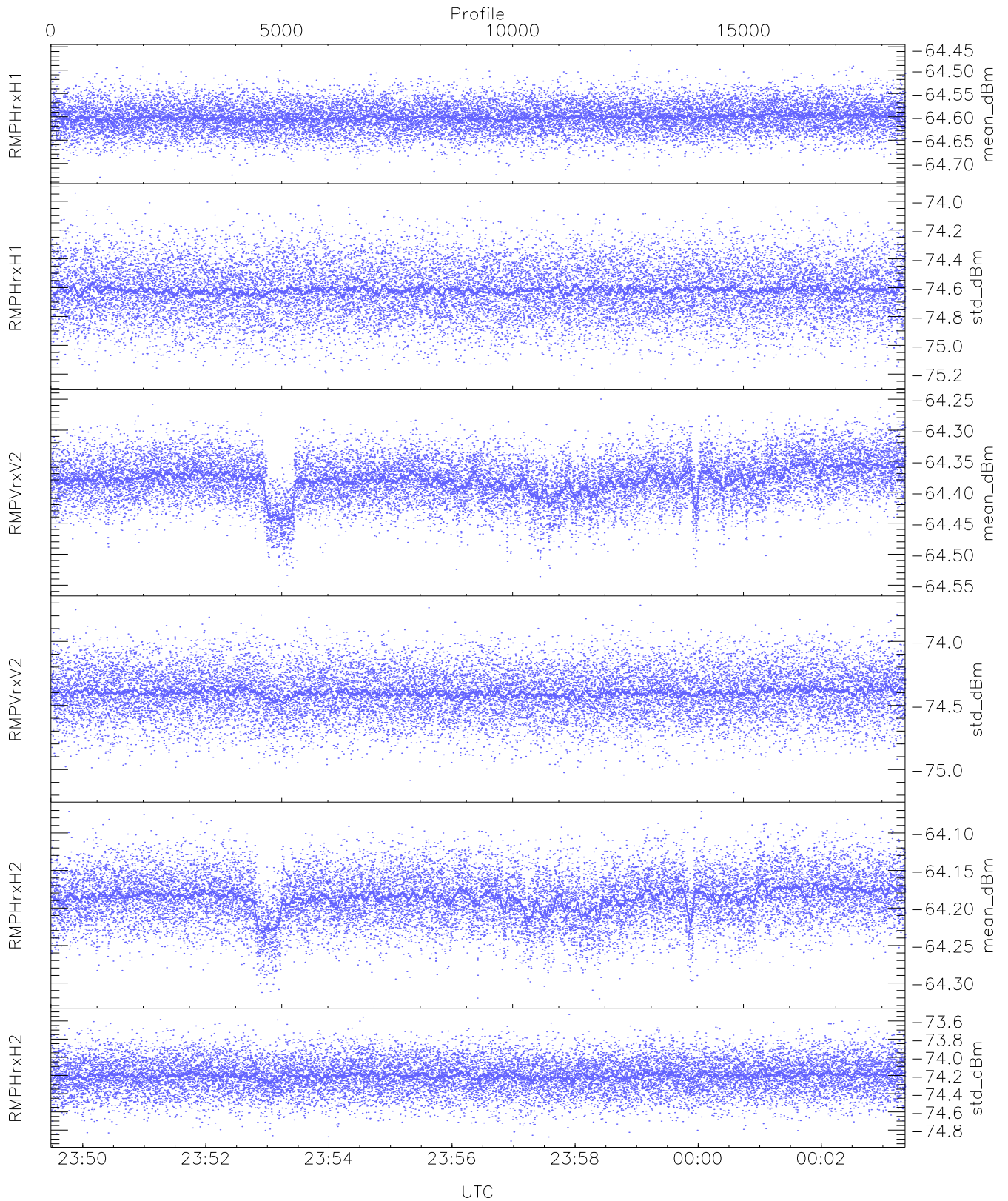
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,26,28,28,29
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,30
 LOalarm(20,240,2817,14861 MHz): 0,0,22,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (23,23,71,93,93,23)



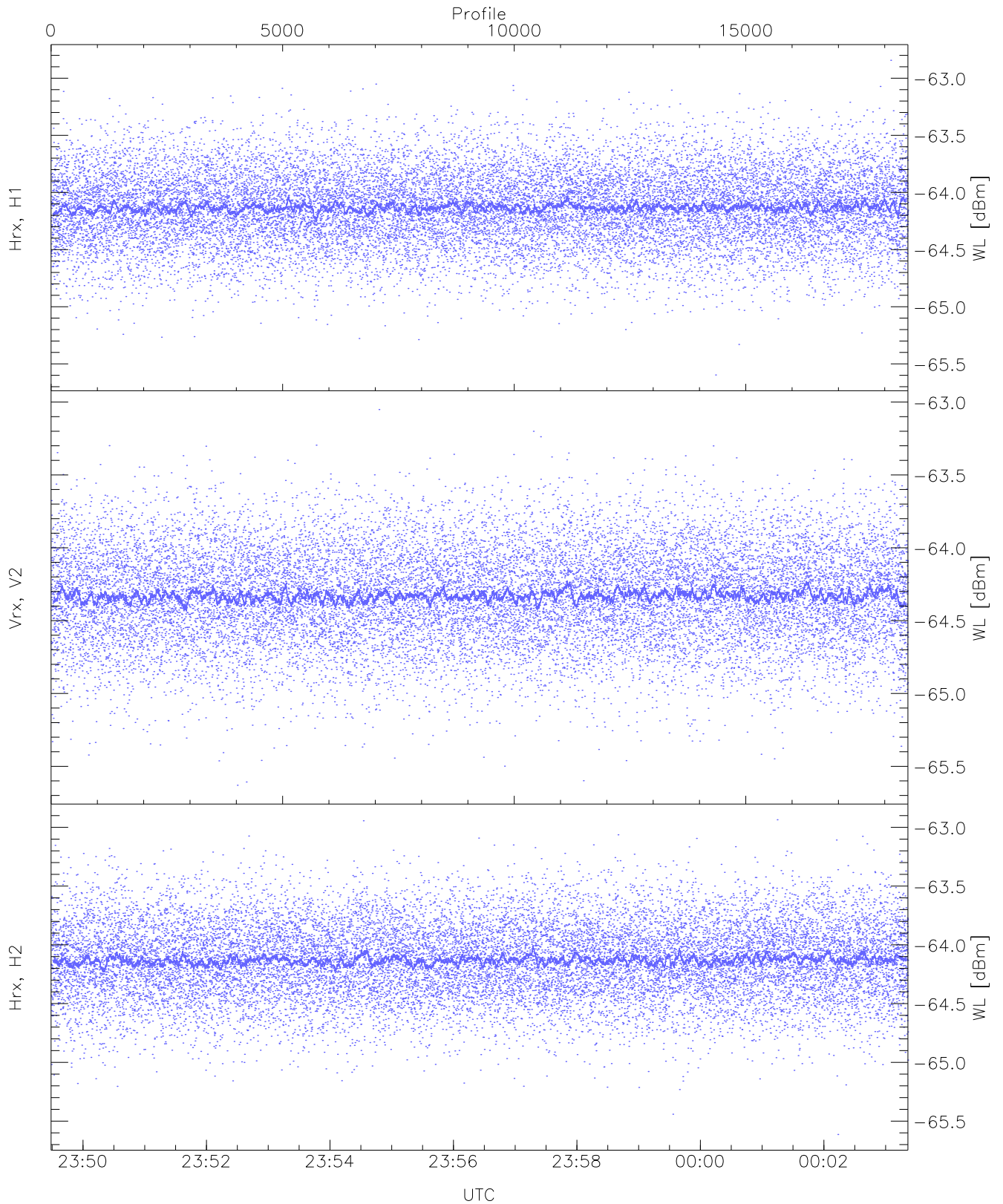
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 542 pixs, 19 gates, 536 profs, 2 prod(s)



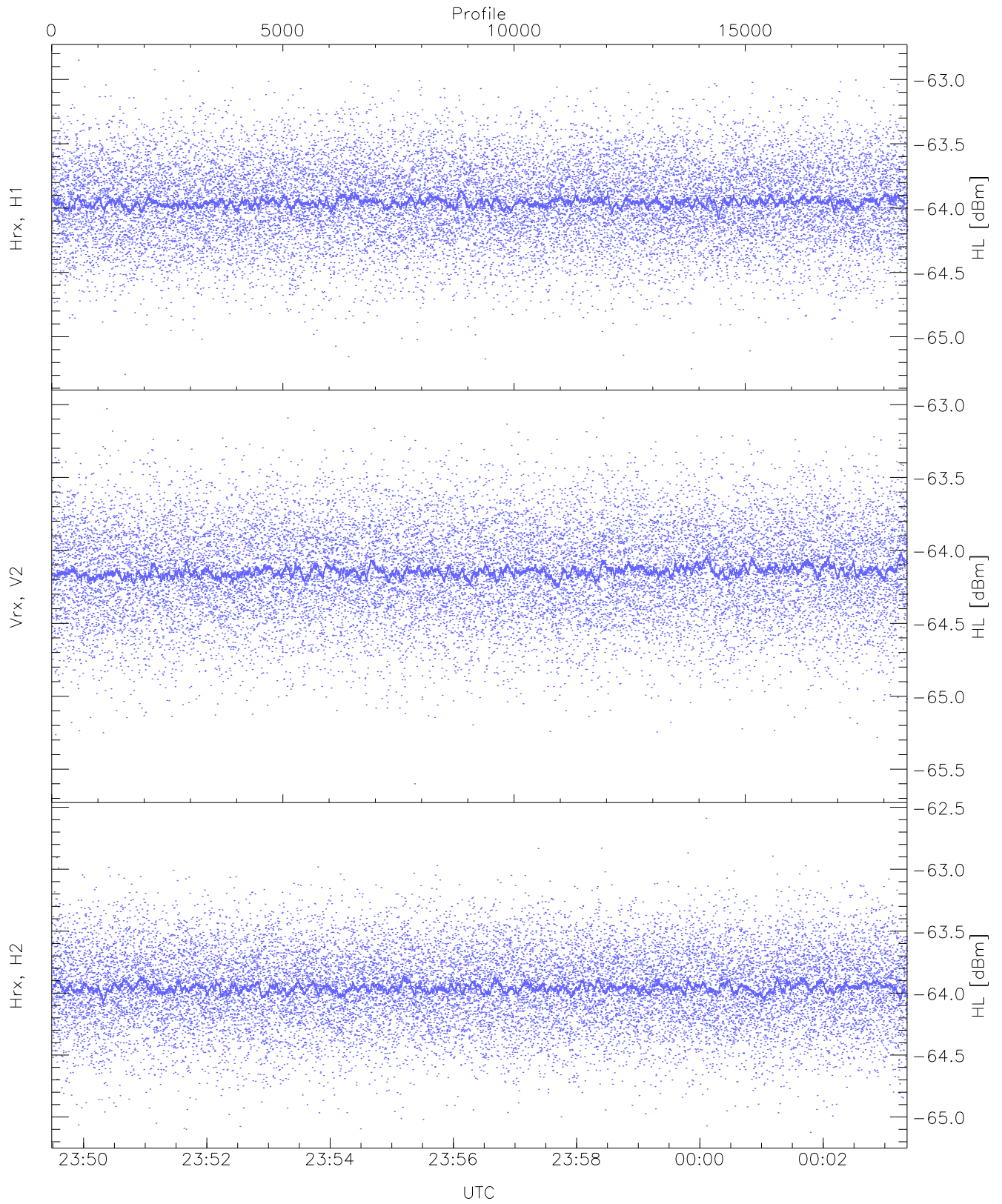
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.73	-64.46	-64.60	-64.60	-86.14
RMPHrxH1(std_dBm)	-75.24	-73.94	-74.62	-74.62	-88.39
RMPVrxV2(mean_dBm)	-64.55	-64.25	-64.38	-64.38	-85.23
RMPVrxV2(std_dBm)	-75.18	-73.72	-74.40	-74.40	-88.19
RMPHrxH2(mean_dBm)	-64.32	-64.07	-64.19	-64.19	-85.40
RMPHrxH2(std_dBm)	-74.92	-73.53	-74.20	-74.20	-87.96



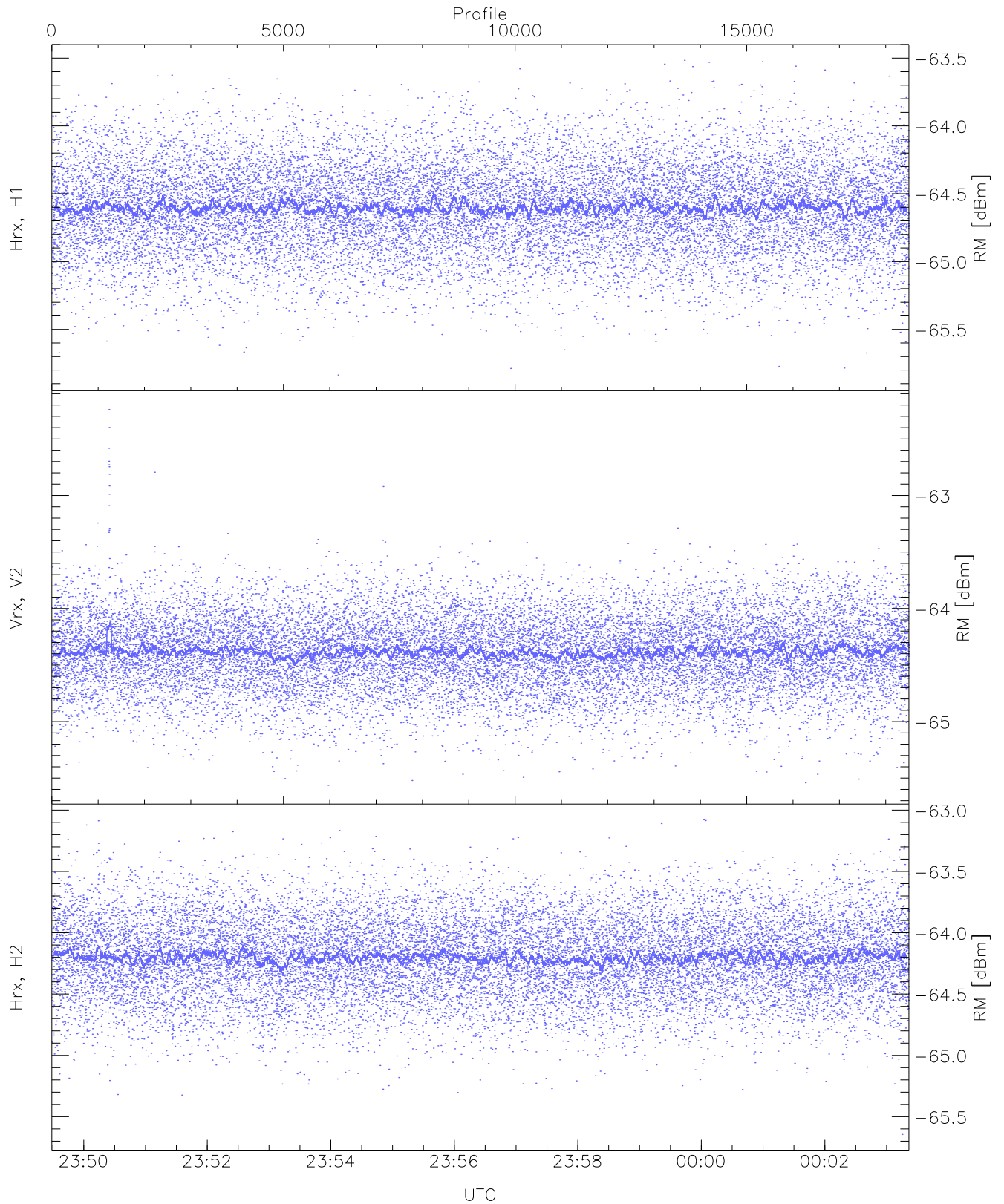
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.60	-62.84	-64.12	-64.13	-75.59
Vrx, V2 (WL [dBm])	-65.63	-63.05	-64.32	-64.33	-75.78
Hrx, H2 (WL [dBm])	-65.61	-62.94	-64.12	-64.13	-75.62



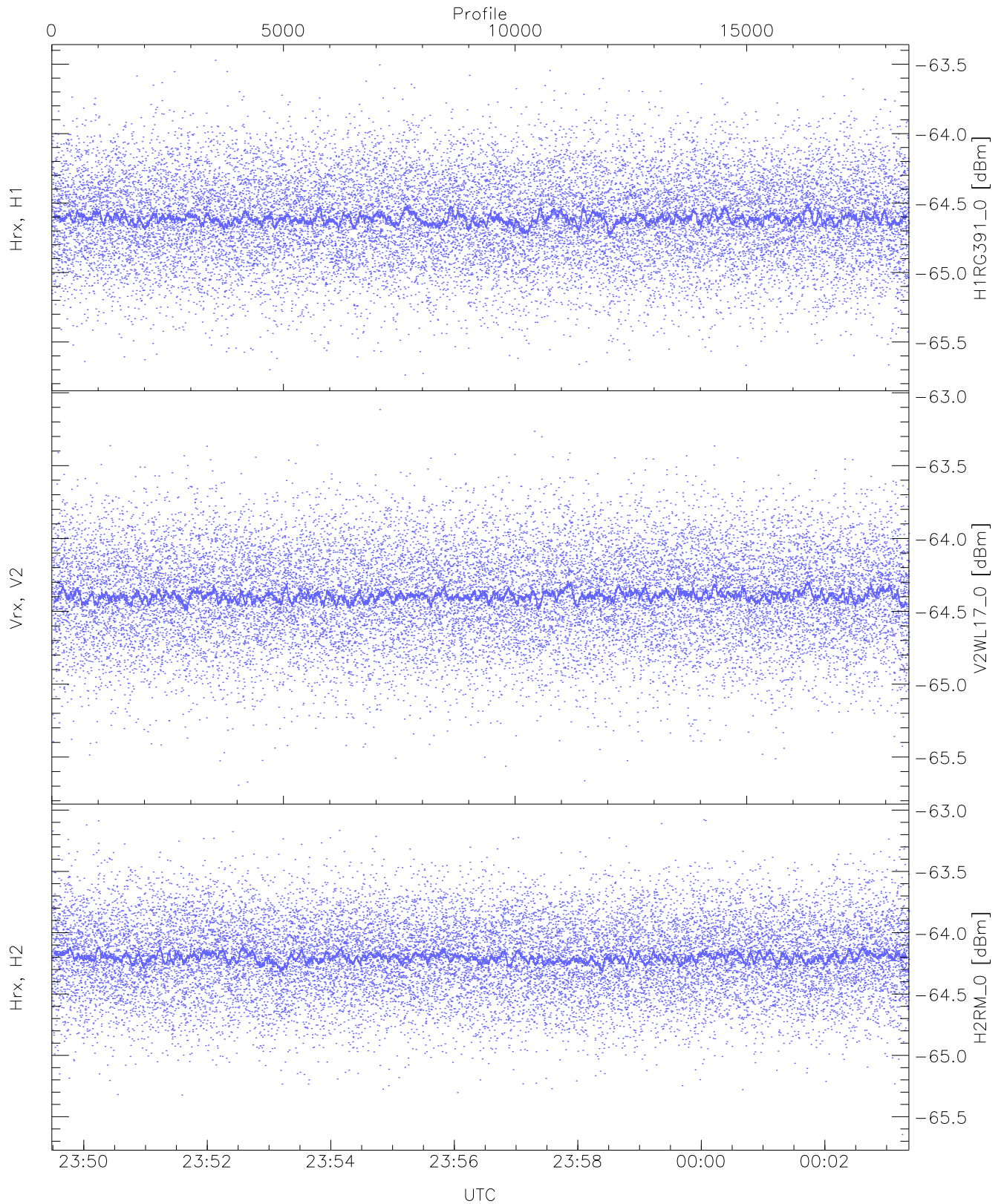
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.29	-62.85	-63.95	-63.96	-75.48
Vrx, V2 (HL [dBm])	-65.60	-63.03	-64.14	-64.15	-75.61
Hrx, H2 (HL [dBm])	-65.12	-62.59	-63.95	-63.96	-75.43



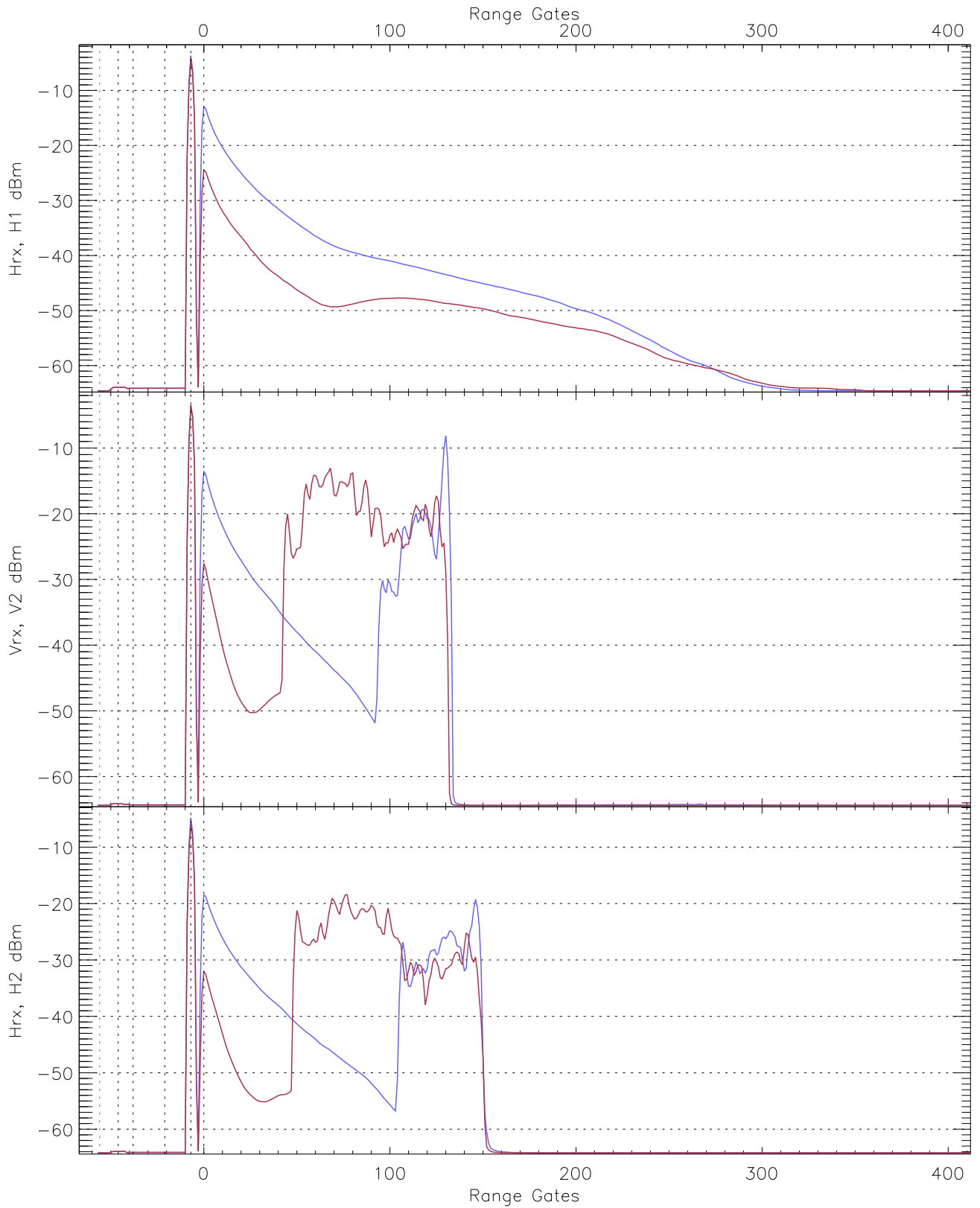
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.84	-63.52	-64.60	-64.60	-76.14
Vrx, V2 (RM [dBm])	-65.56	-62.24	-64.38	-64.38	-75.82
Hrx, H2 (RM [dBm])	-65.64	-63.08	-64.19	-64.20	-75.71

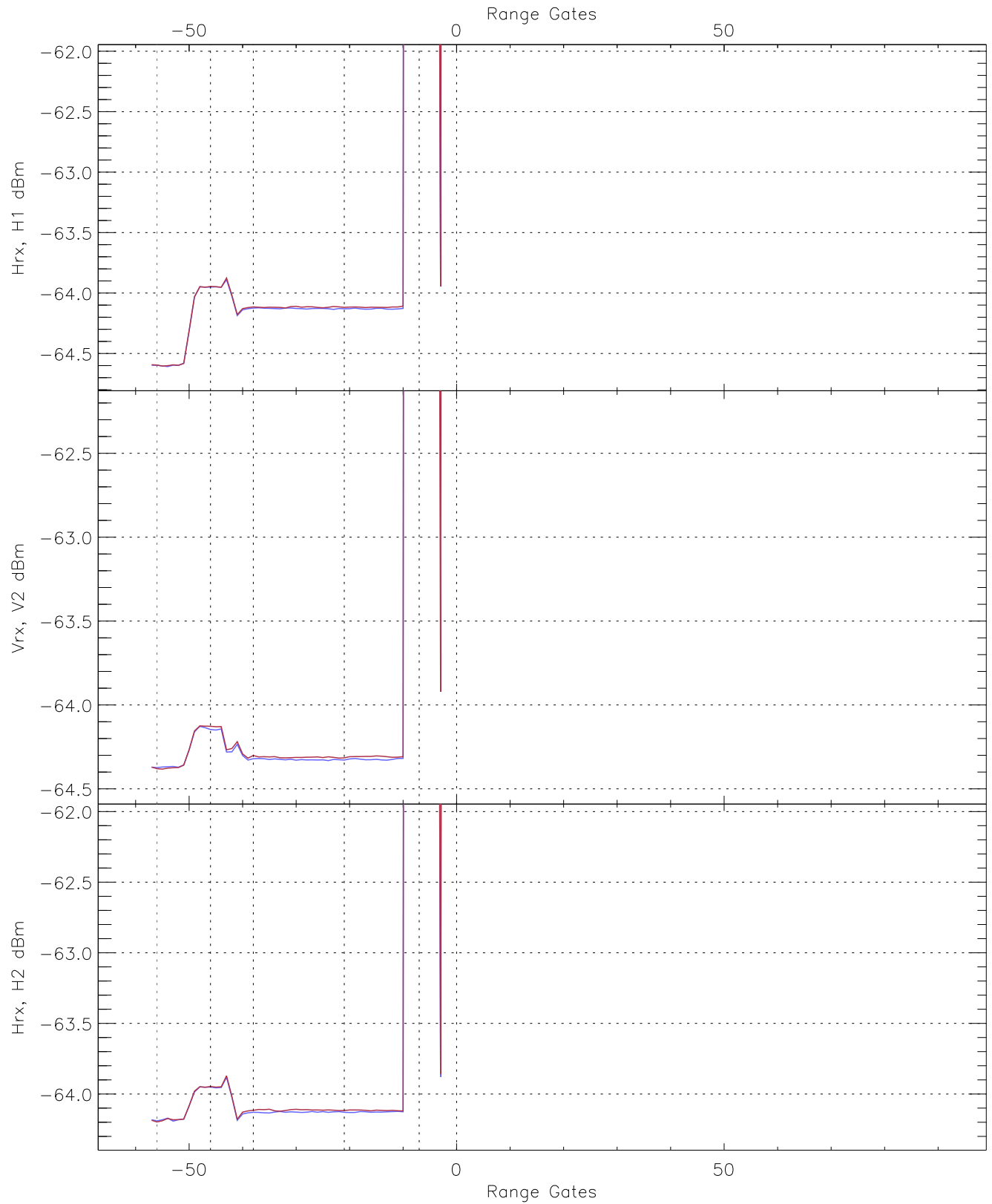


WCR3 CPP "Best" estimate Receivers Noise Power

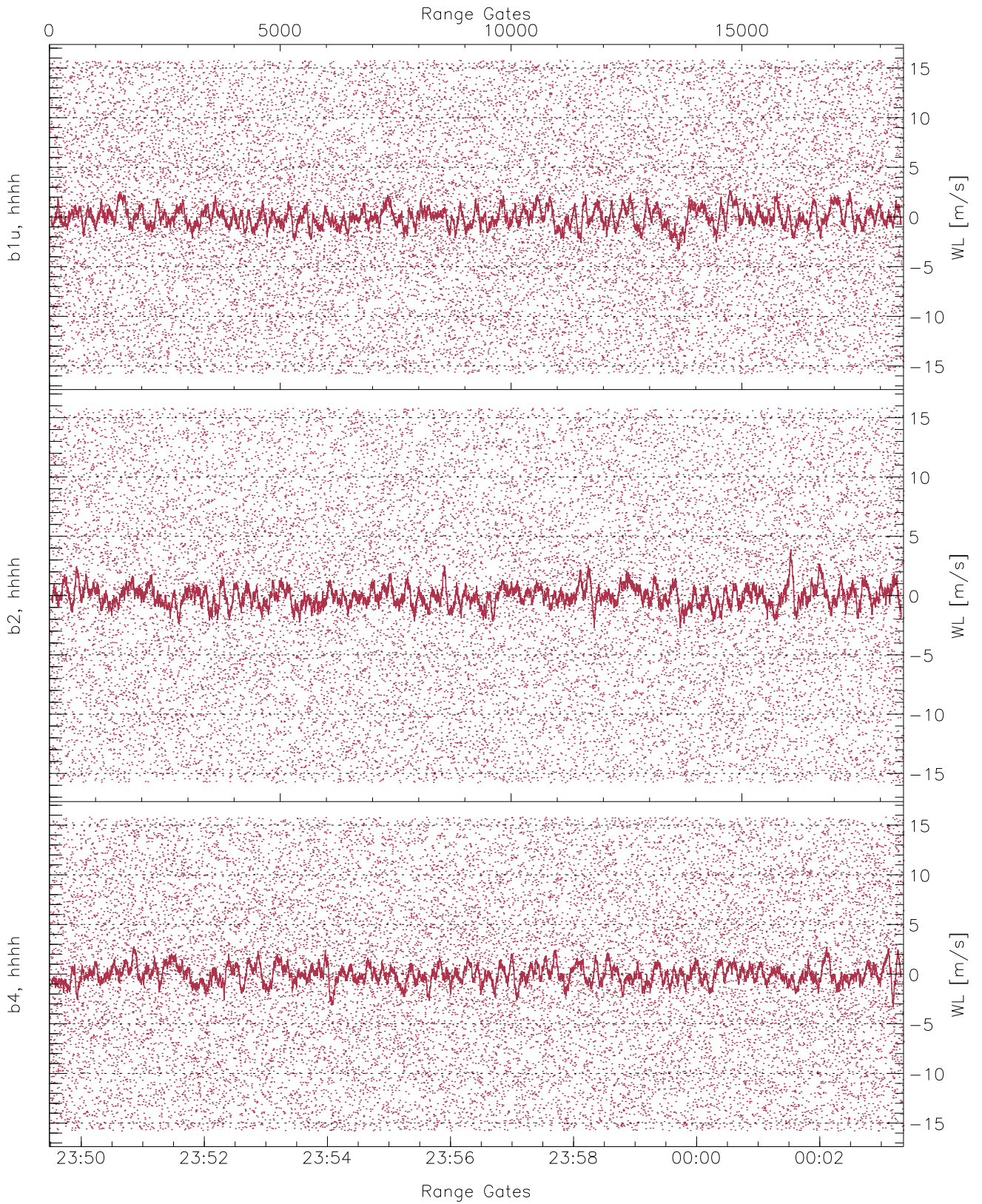
	Min	Max	Mean	Median	StDev
H1RG391_0 [dBm]	-65.74	-63.47	-64.60	-64.61	-76.12
V2WL17_0 [dBm]	-65.69	-63.11	-64.39	-64.39	-75.84
H2RM_0 [dBm]	-65.64	-63.08	-64.19	-64.20	-75.71



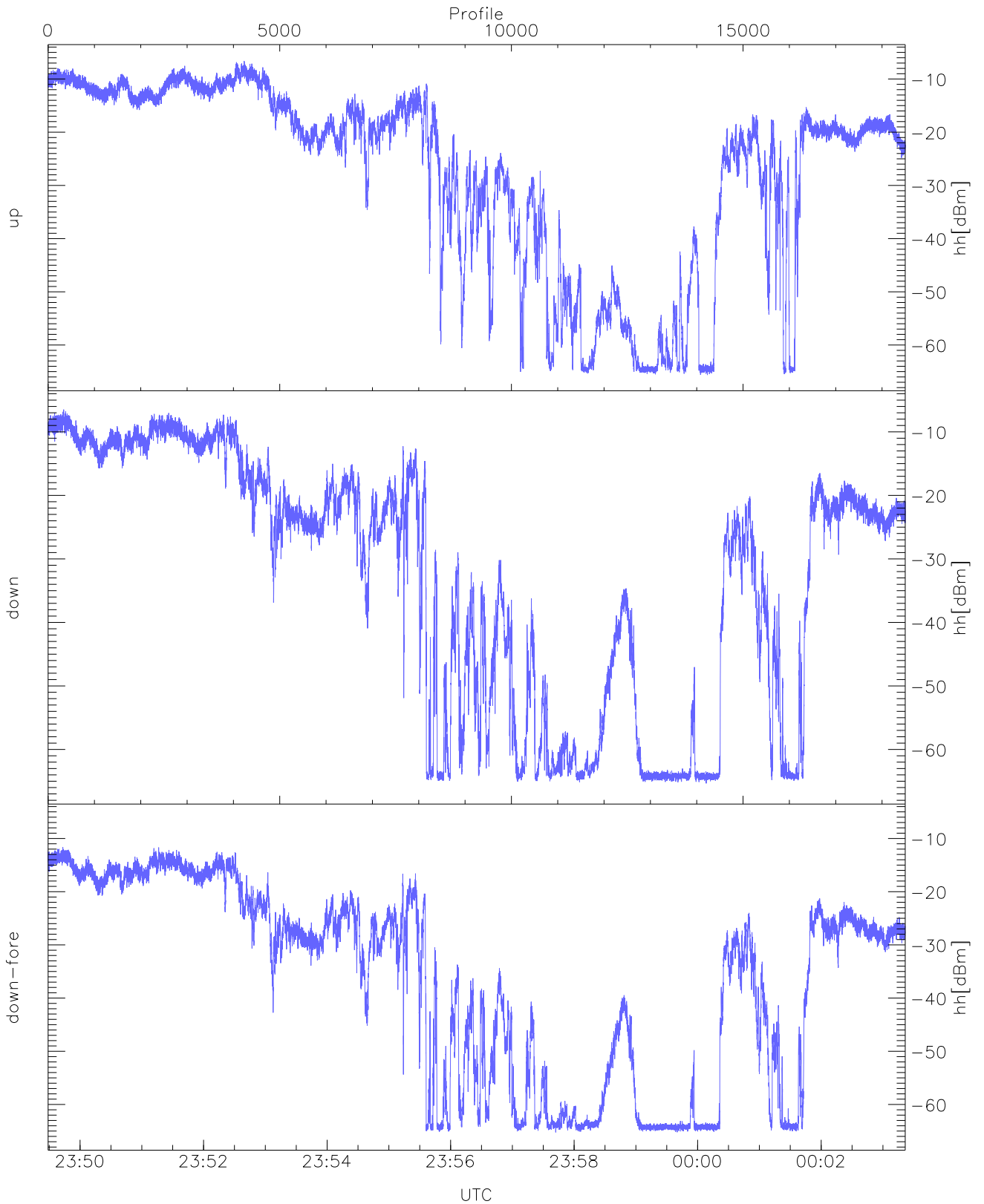
WCR3 CPP Averaged Received power for all recorded gates
blue: 234929-235625, 9252 profiles averaged
red: 235625-000322, 9251 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 234929-235625, 9252 profiles averaged
red: 235625-000322, 9251 profiles averaged

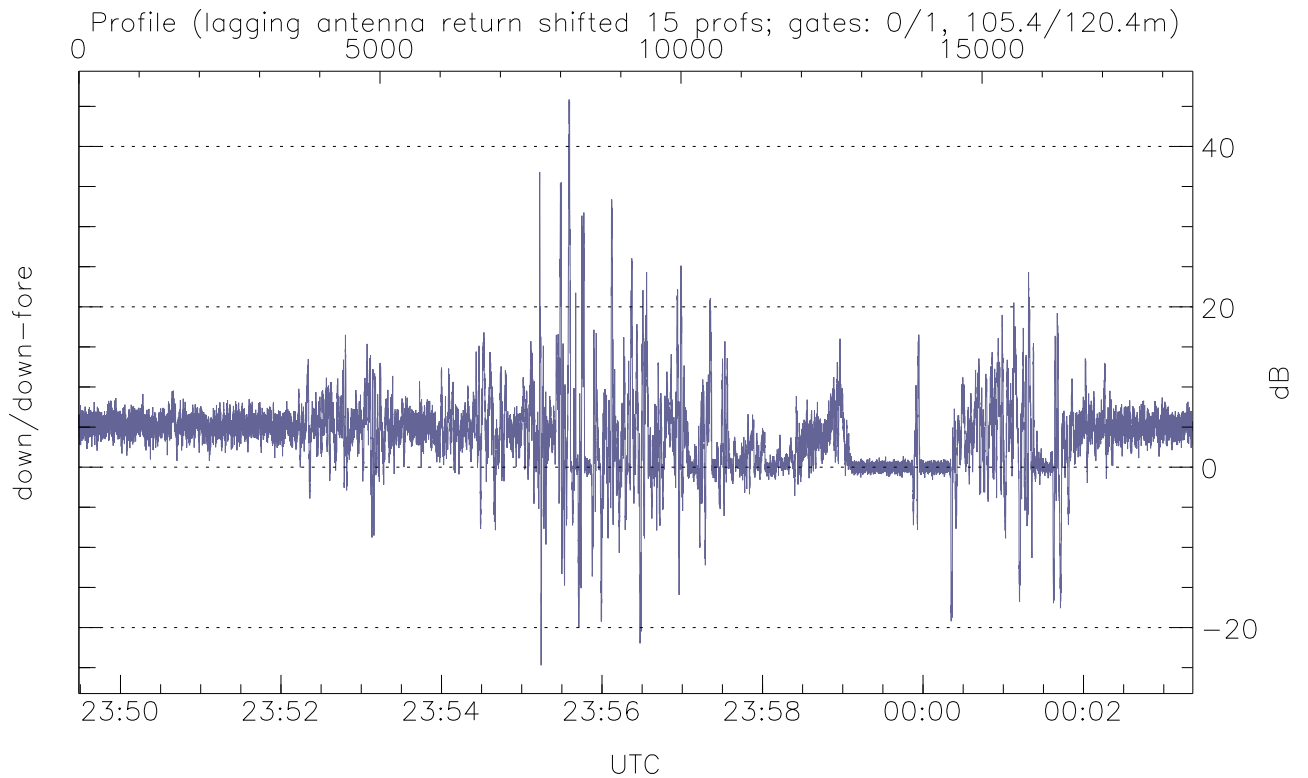
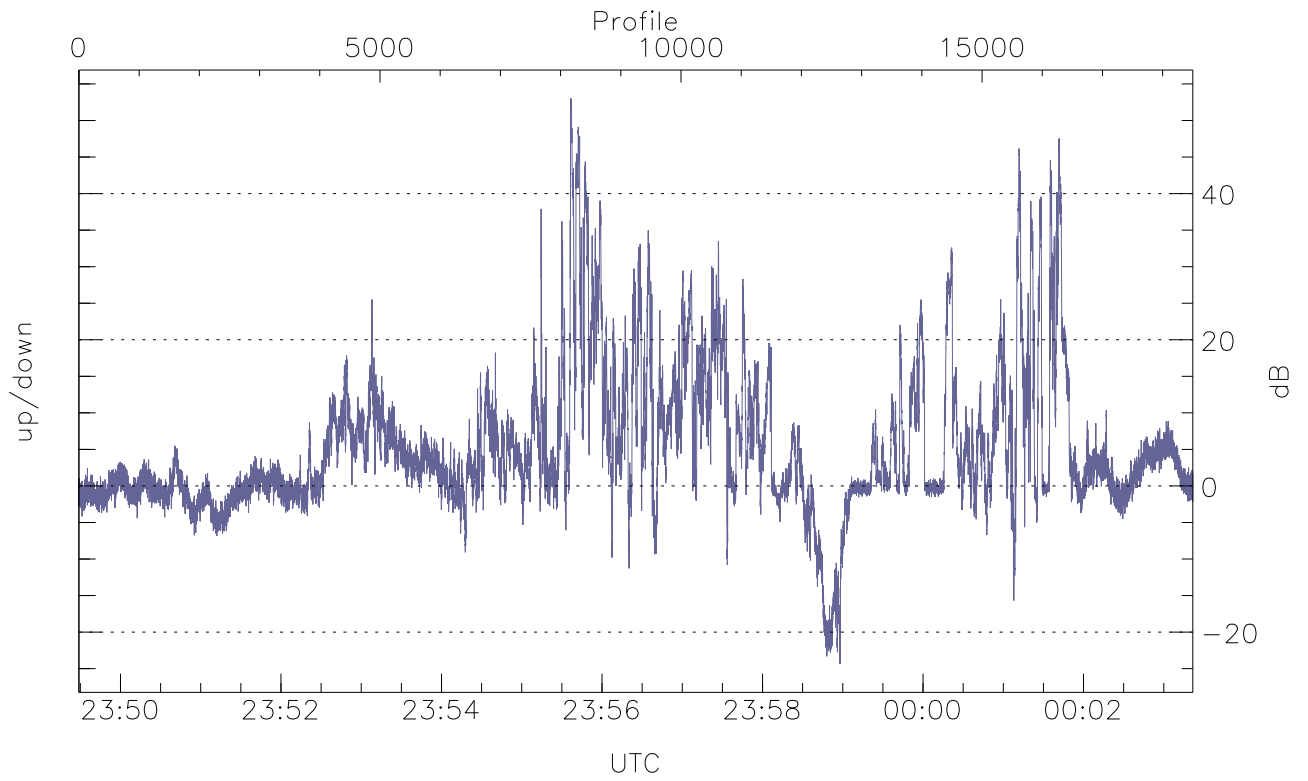


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



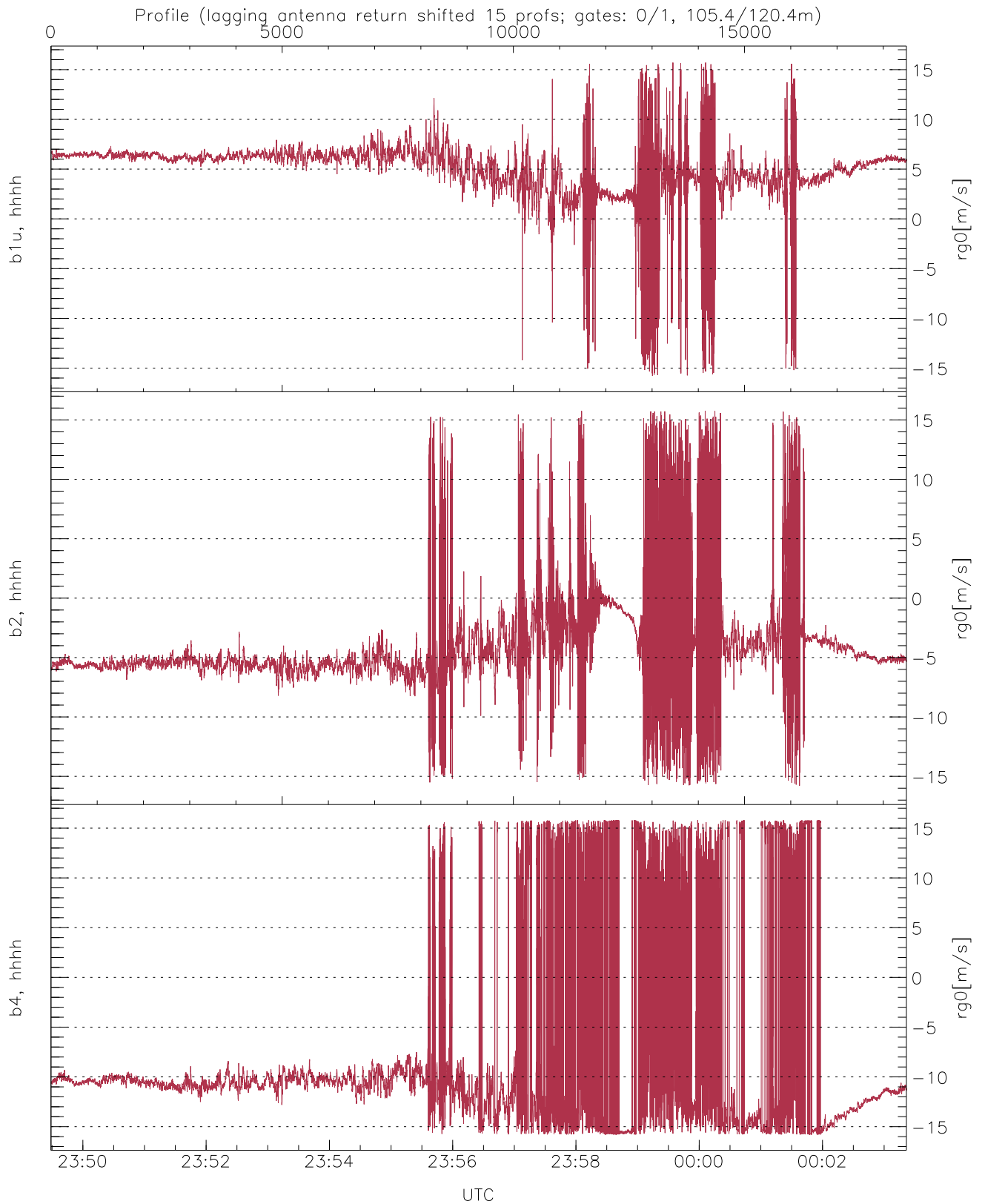
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.64	-6.64	-15.72
down(hh[dBm])	-65.35	-6.49	-16.38
down-fore(hh[dBm])	-65.24	-11.63	-21.31



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

	Min	Max	Mean
up/down (dB)	-24.37	53.04	5.25
down/down-fore (dB)	-24.71	45.85	3.97



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.77	15.71	4.96	2.76
b2, hhhh(rg0[m/s])	-15.78	15.76	-3.98	3.74
b4, hhhh(rg0[m/s])	-15.79	15.79	-8.25	8.26