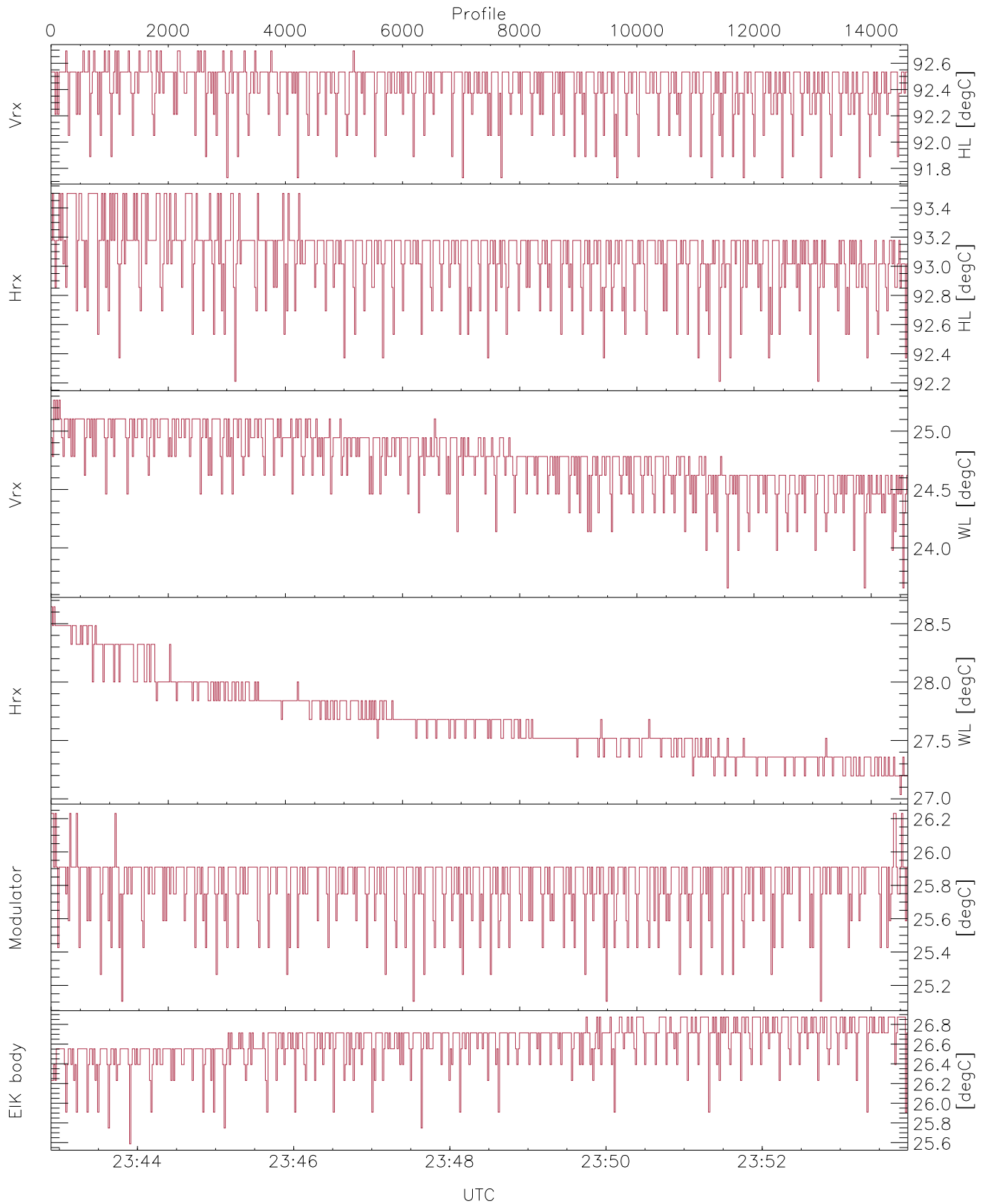


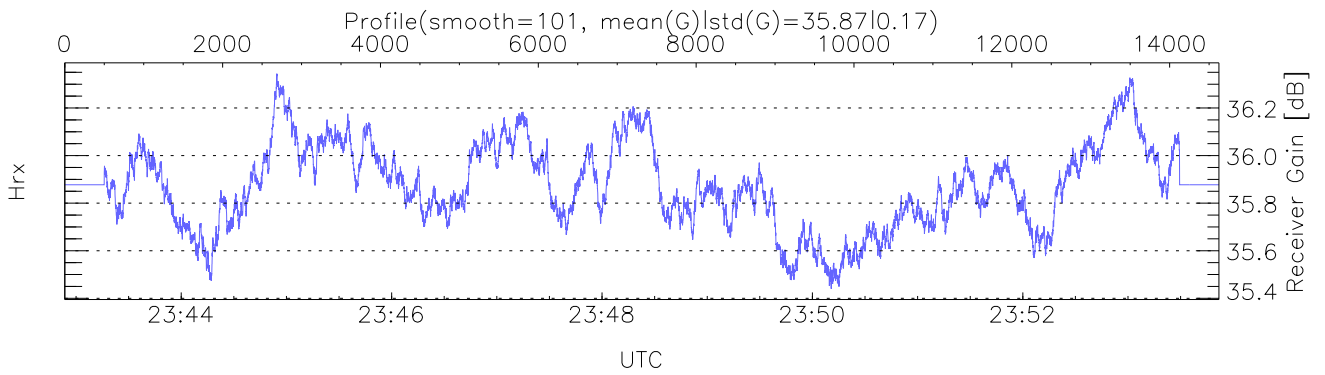
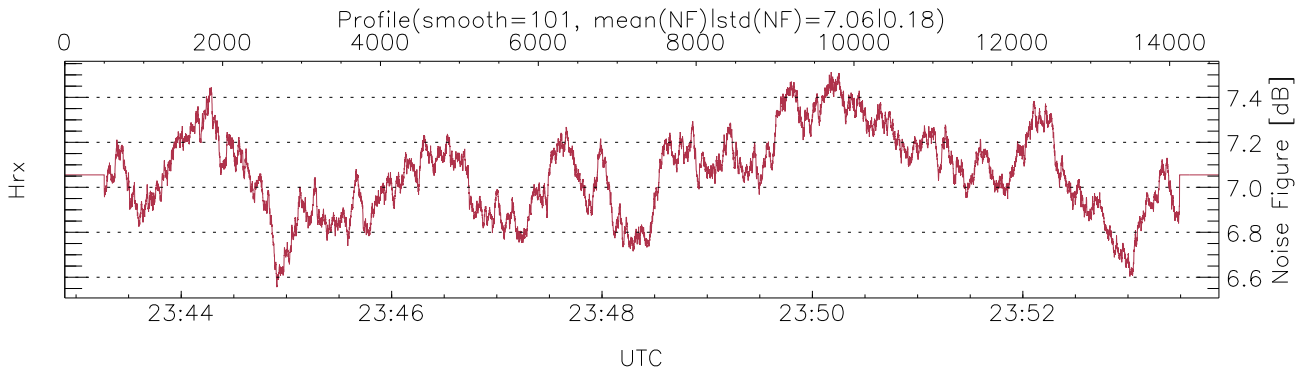
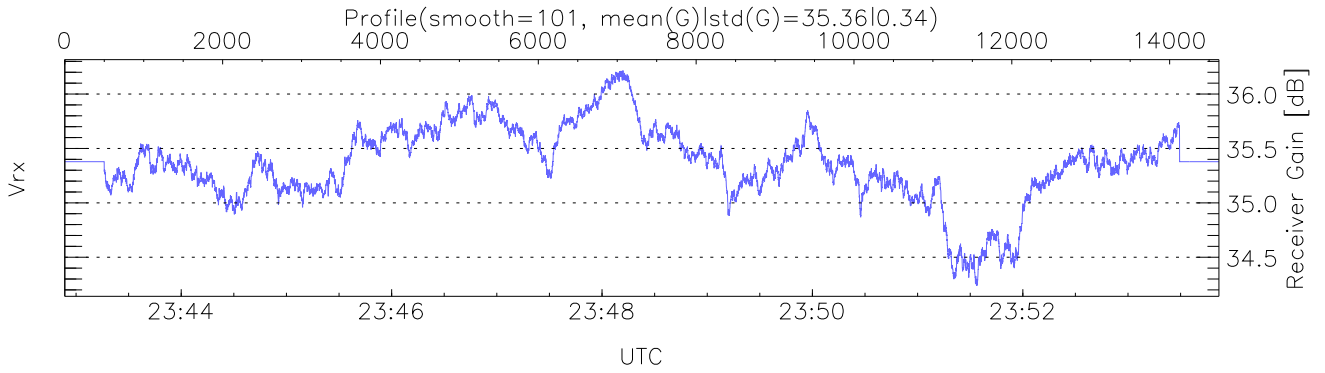
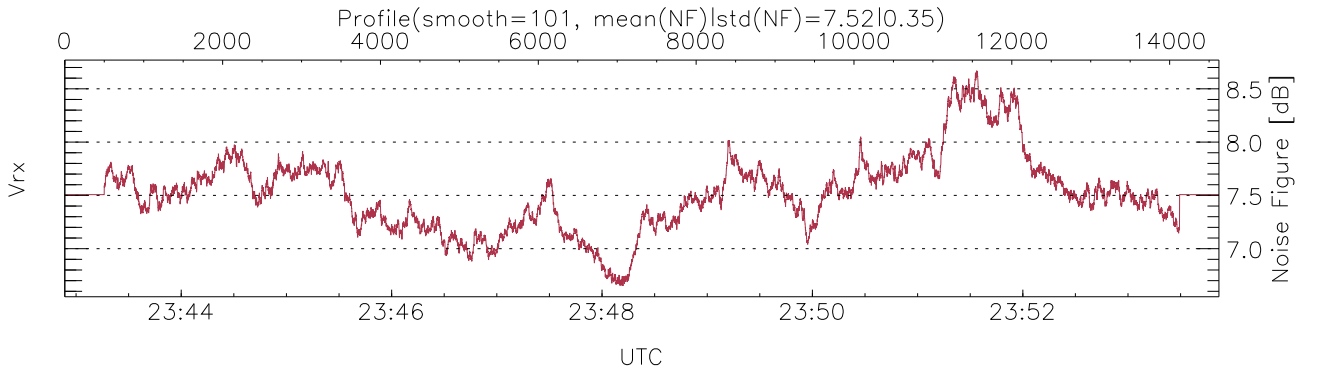
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:42:54-23:53:52, TimeCor: 0.00s, Dur: 658.29s  
 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): 14626/14626, 0-14625/23:42:54-23:53:52  
 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



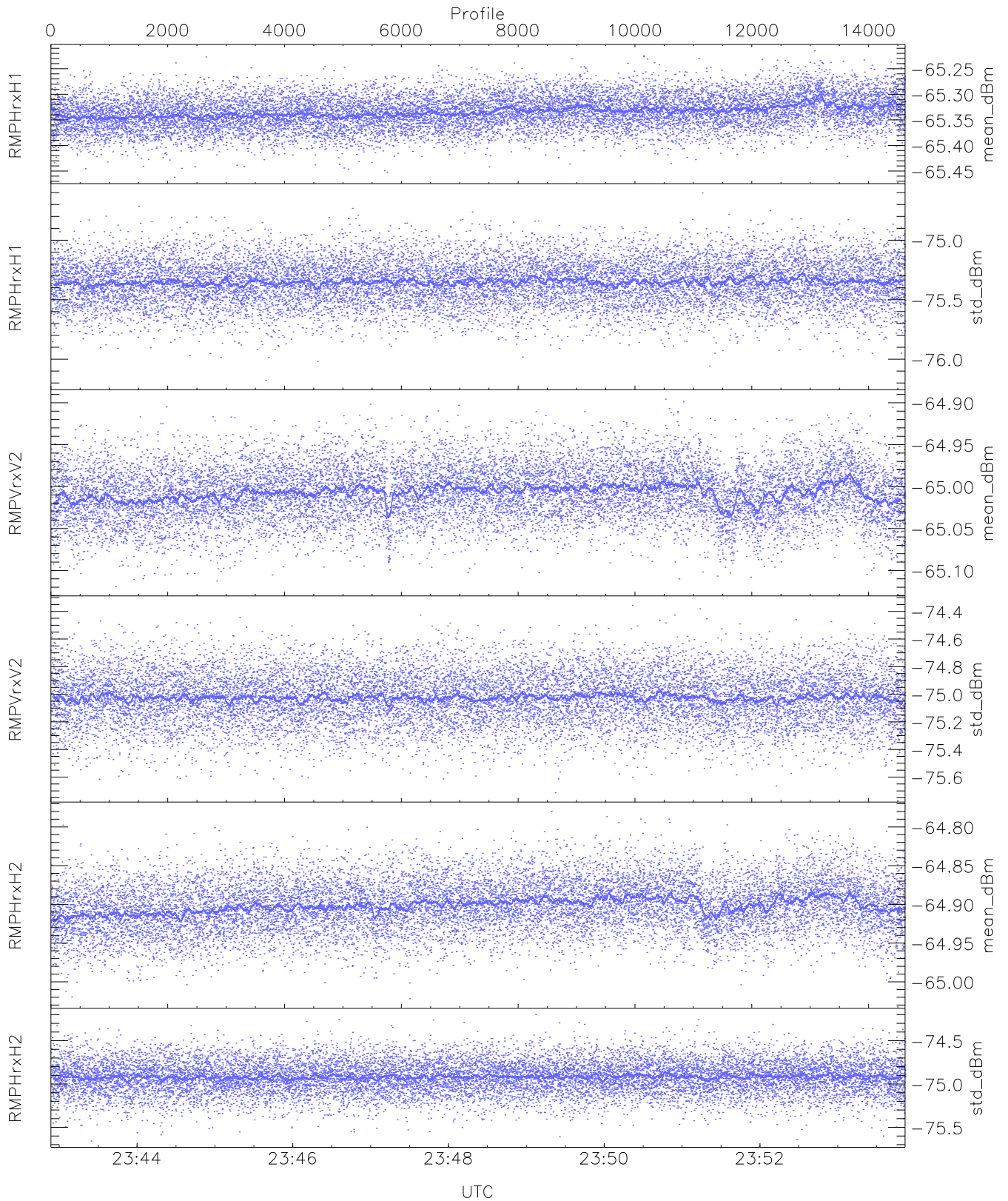
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,27,25,25  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,28,26,26  
 LOalarm(20,240,2817,14861 MHz): None  
 EIK/Modulator Faults: None



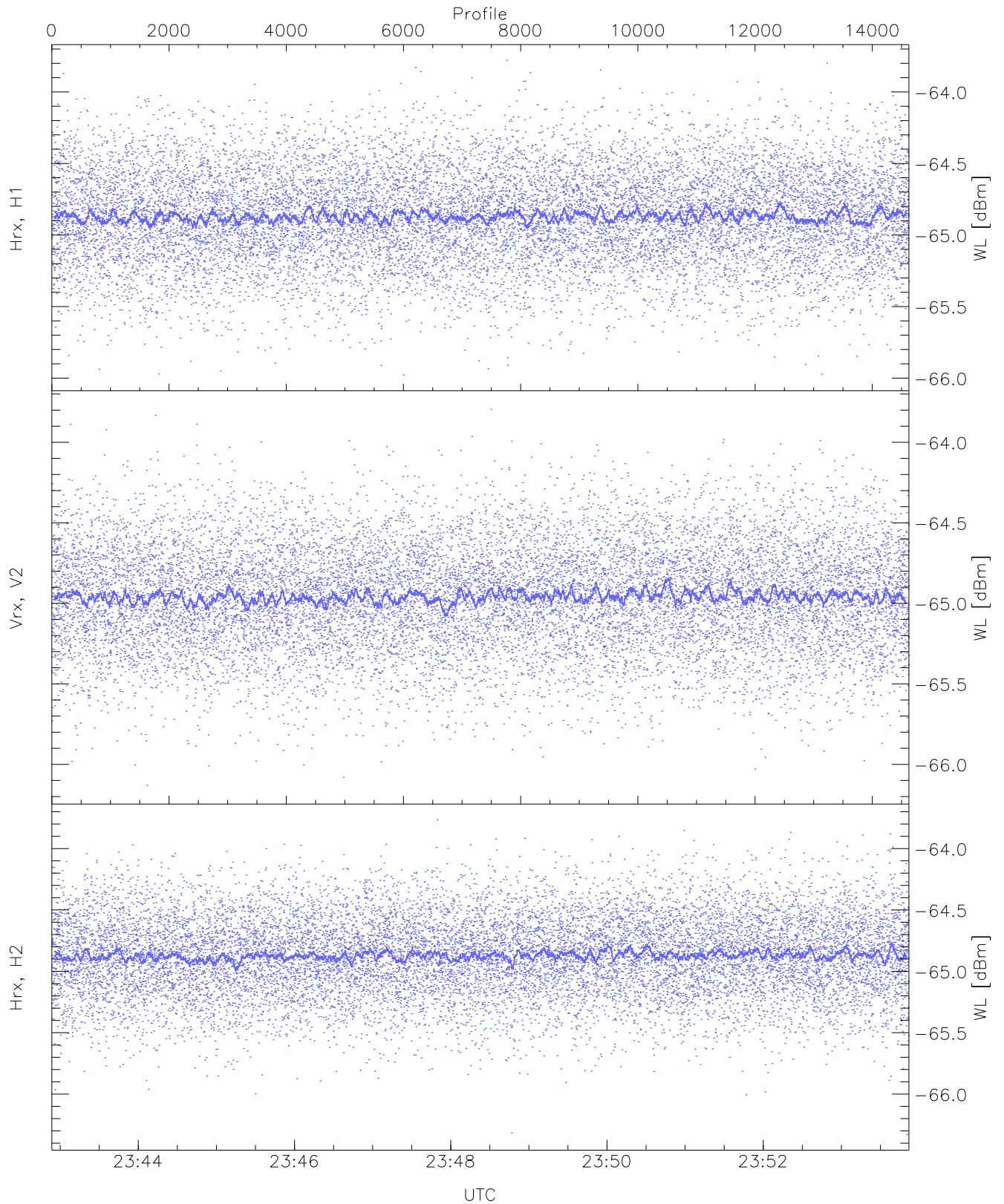
### WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



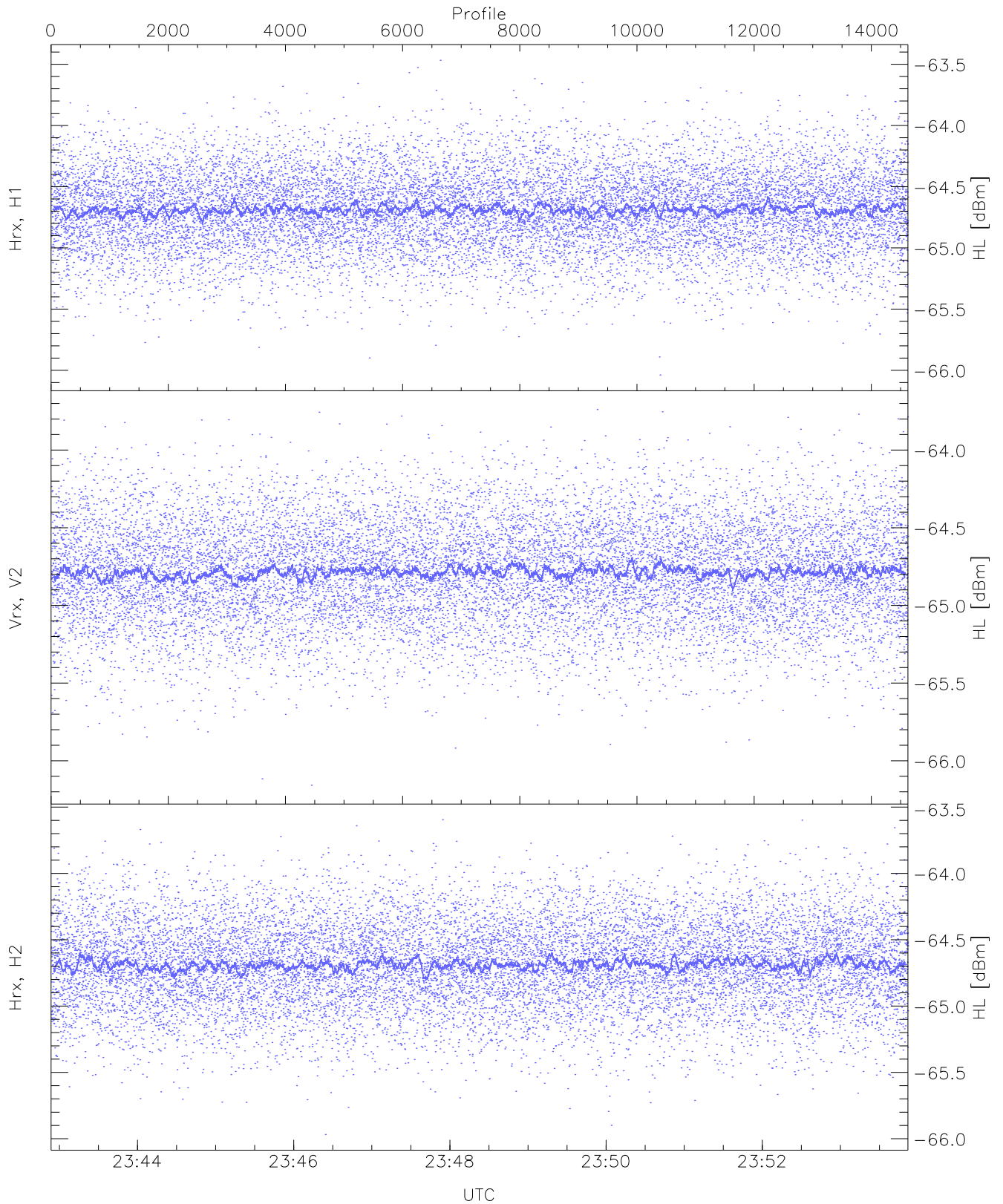
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.21	-65.33	-65.33	-86.78
RMPHrxH1(std_dBm)	-76.18	-74.60	-75.35	-75.35	-89.21
RMPVrxV2(mean_dBm)	-65.12	-64.90	-65.01	-65.01	-86.46
RMPVrxV2(std_dBm)	-75.71	-74.36	-75.02	-75.02	-88.84
RMPHrxH2(mean_dBm)	-65.02	-64.78	-64.90	-64.90	-86.35
RMPHrxH2(std_dBm)	-75.66	-74.20	-74.92	-74.92	-88.71



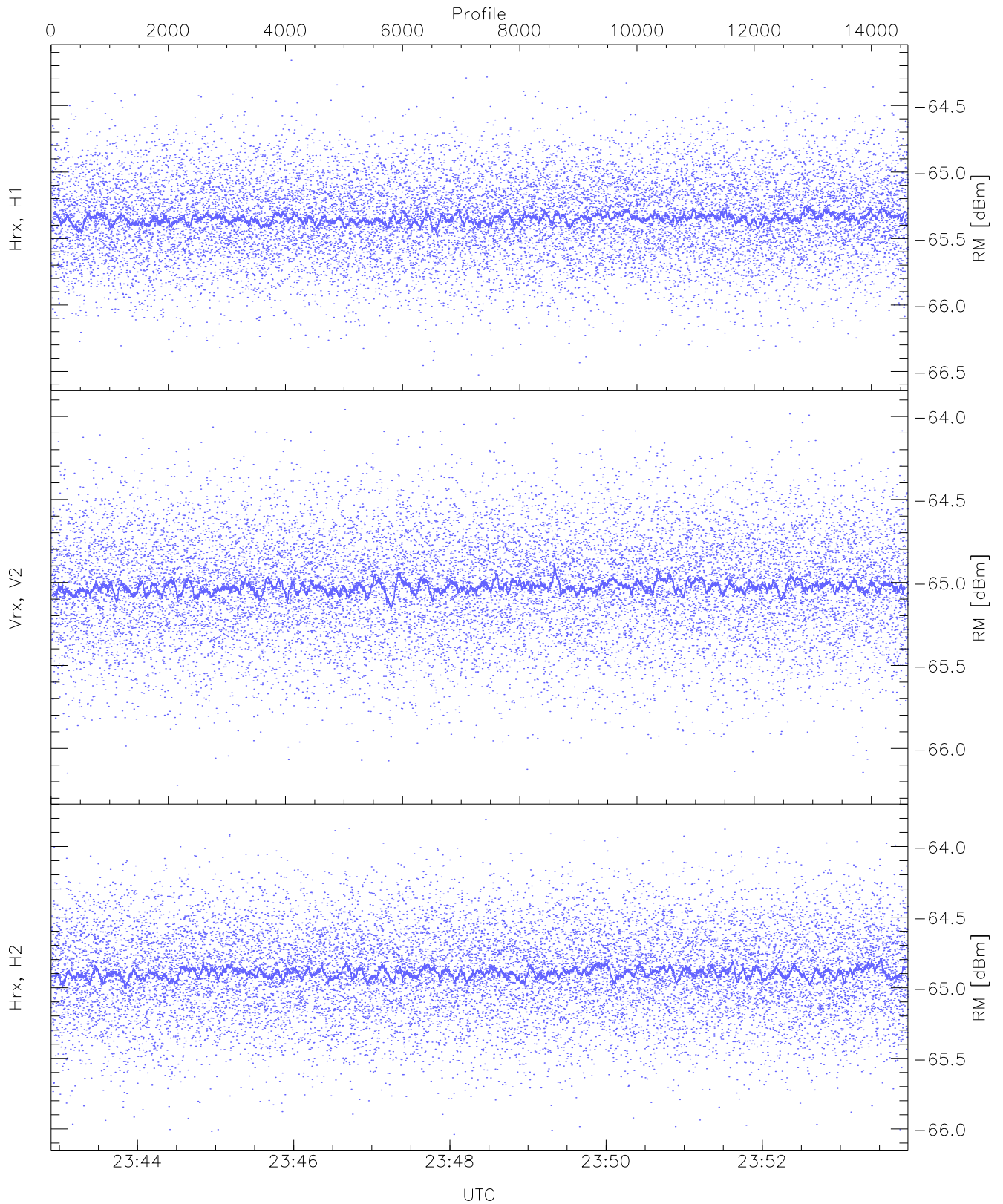
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.98	-63.78	-64.86	-64.87	-76.35
Vrx, V2(WL [dBm])	-66.13	-63.80	-64.95	-64.96	-76.43
Hrx, H2(WL [dBm])	-66.33	-63.77	-64.86	-64.87	-76.36



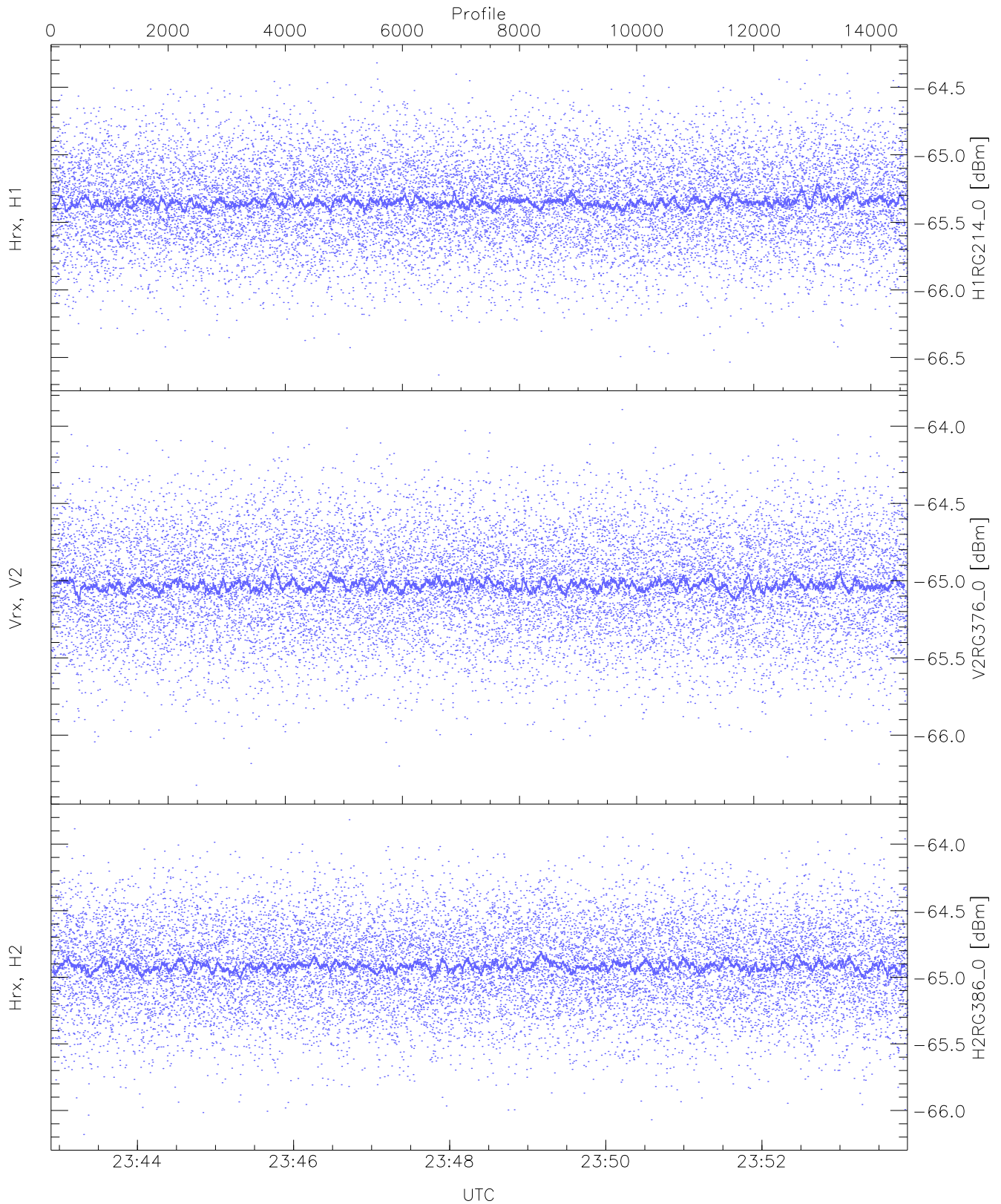
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.04	-63.47	-64.68	-64.69	-76.22
Vrx, V2 (HL [dBm])	-66.16	-63.74	-64.78	-64.79	-76.29
Hrx, H2 (HL [dBm])	-65.97	-63.60	-64.68	-64.69	-76.19



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

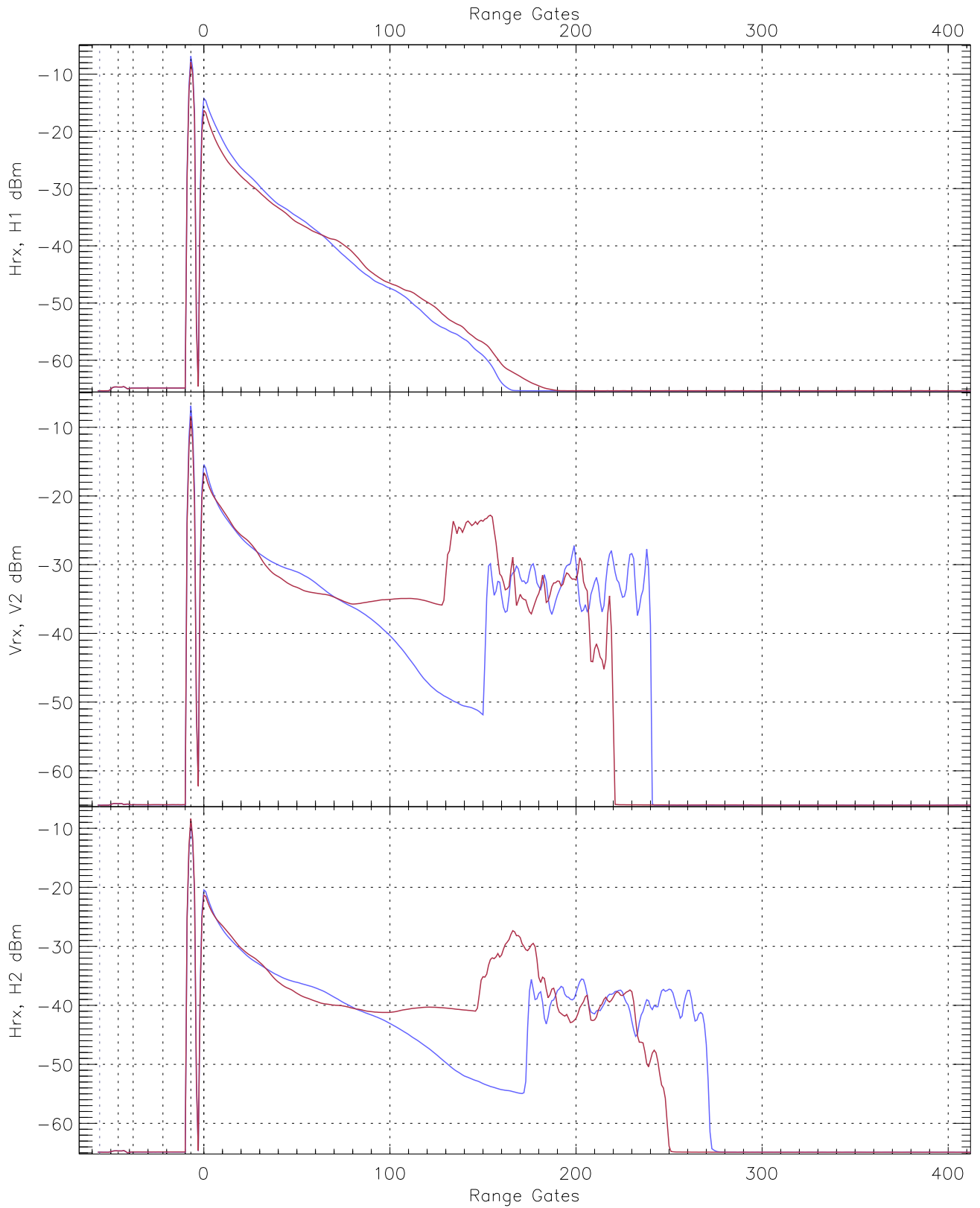
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.53	-64.16	-65.34	-65.35	-76.88
Vrx, V2 (RM [dBm])	-66.22	-63.96	-65.02	-65.02	-76.52
Hrx, H2 (RM [dBm])	-66.04	-63.81	-64.89	-64.89	-76.35



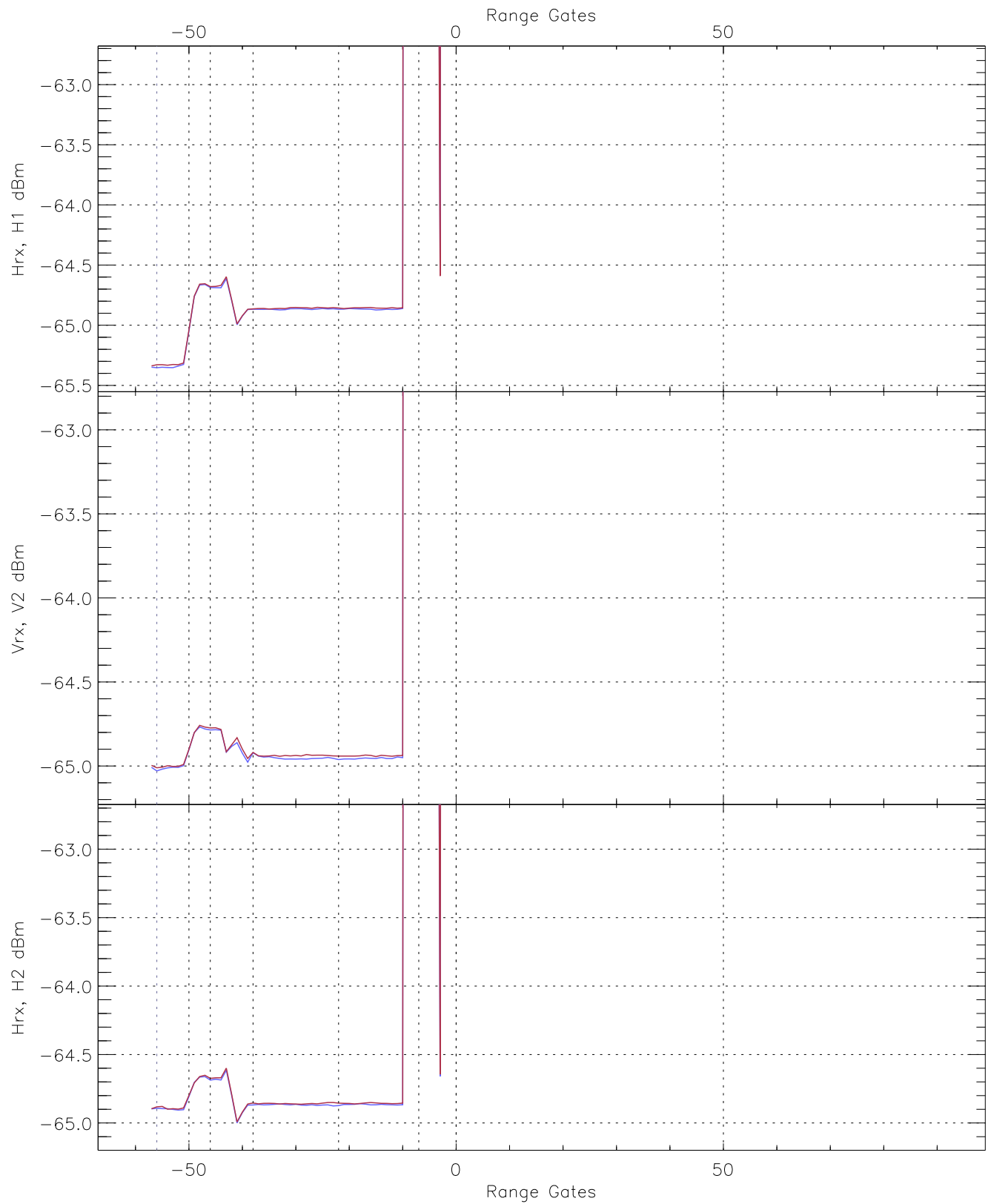
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG214_0 [dBm]	-66.63	-64.30	-65.34	-65.35	-76.85
V2RG376_0 [dBm]	-66.32	-63.89	-65.02	-65.03	-76.51
H2RG386_0 [dBm]	-66.18	-63.82	-64.91	-64.92	-76.38

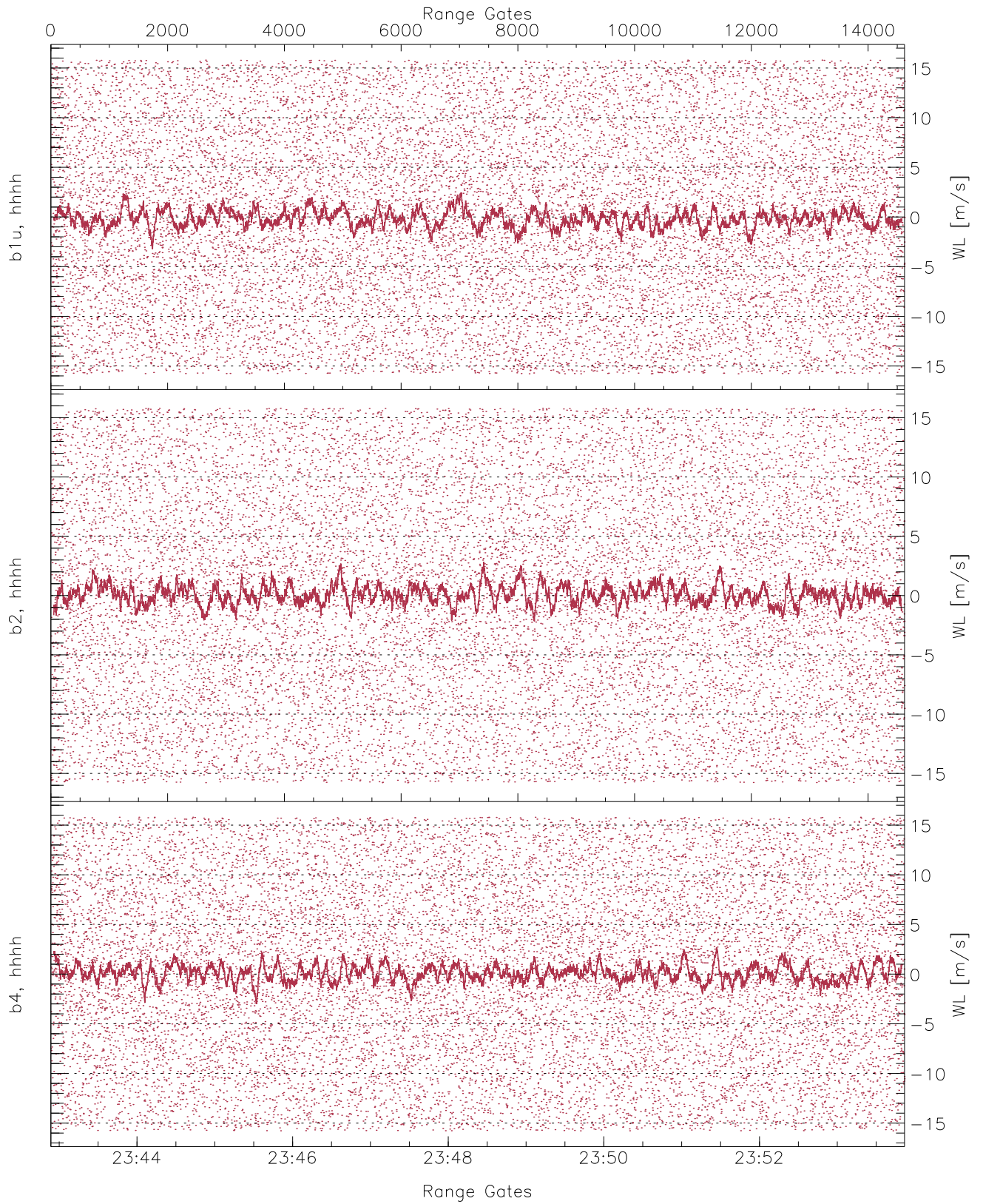




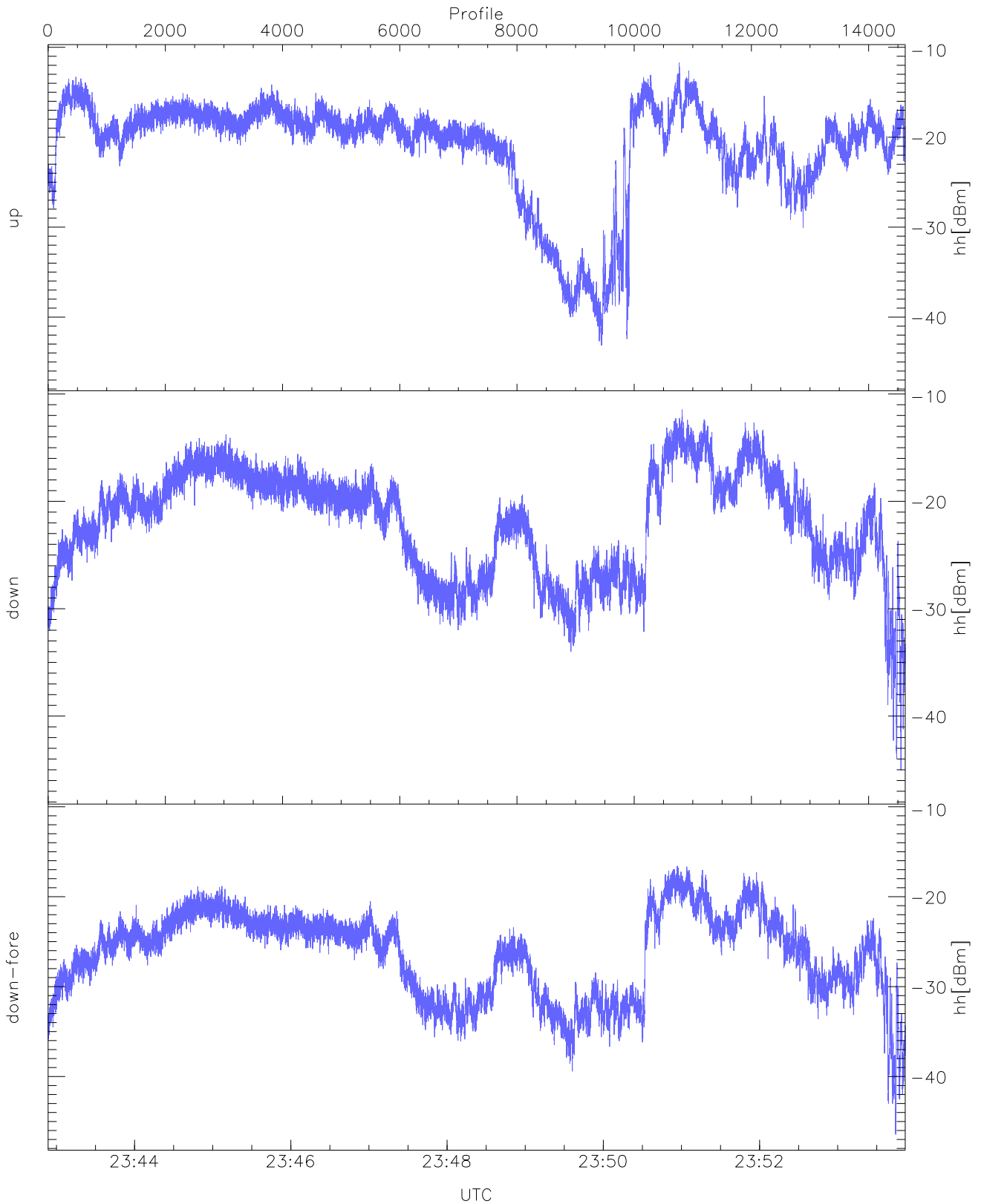
WCR3 CPP Averaged Received power for all recorded gates  
blue: 234254-234823, 7314 profiles averaged  
red: 234823-235352, 7313 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 234254-234823, 7314 profiles averaged  
red: 234823-235352, 7313 profiles averaged

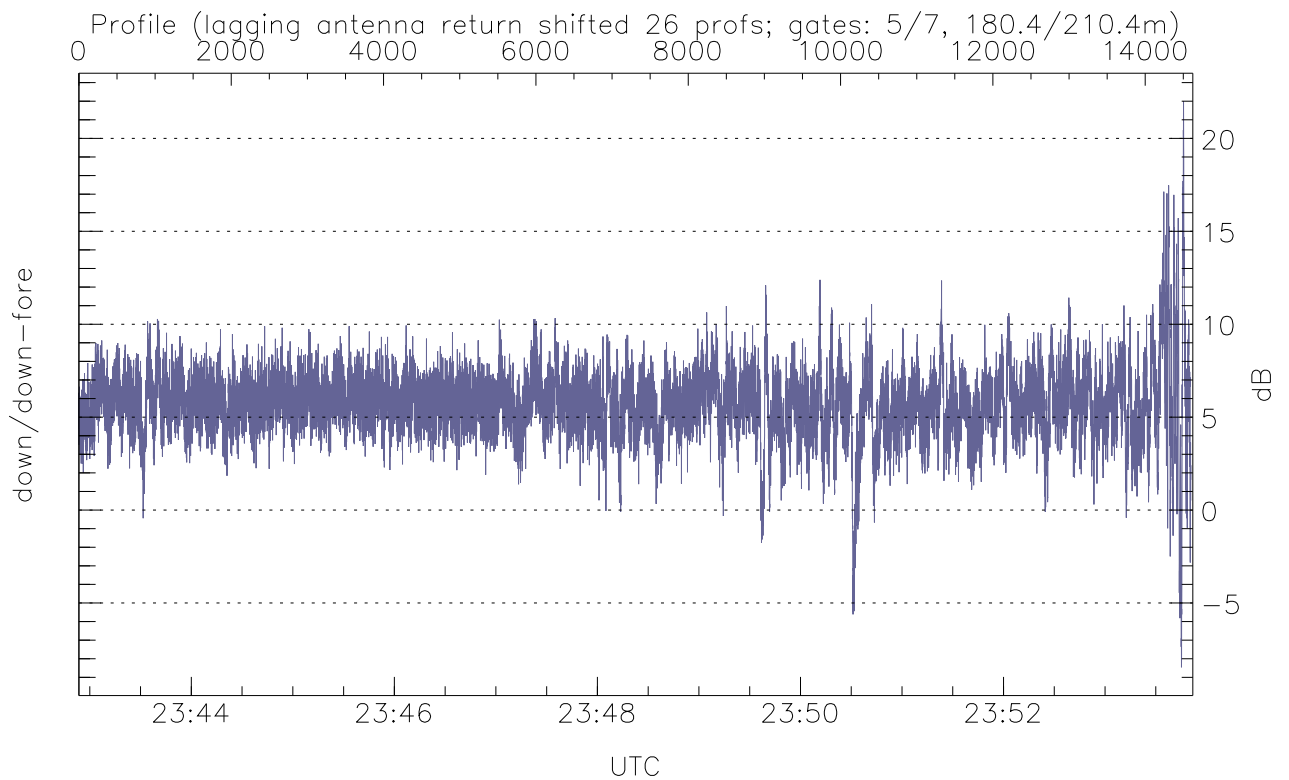
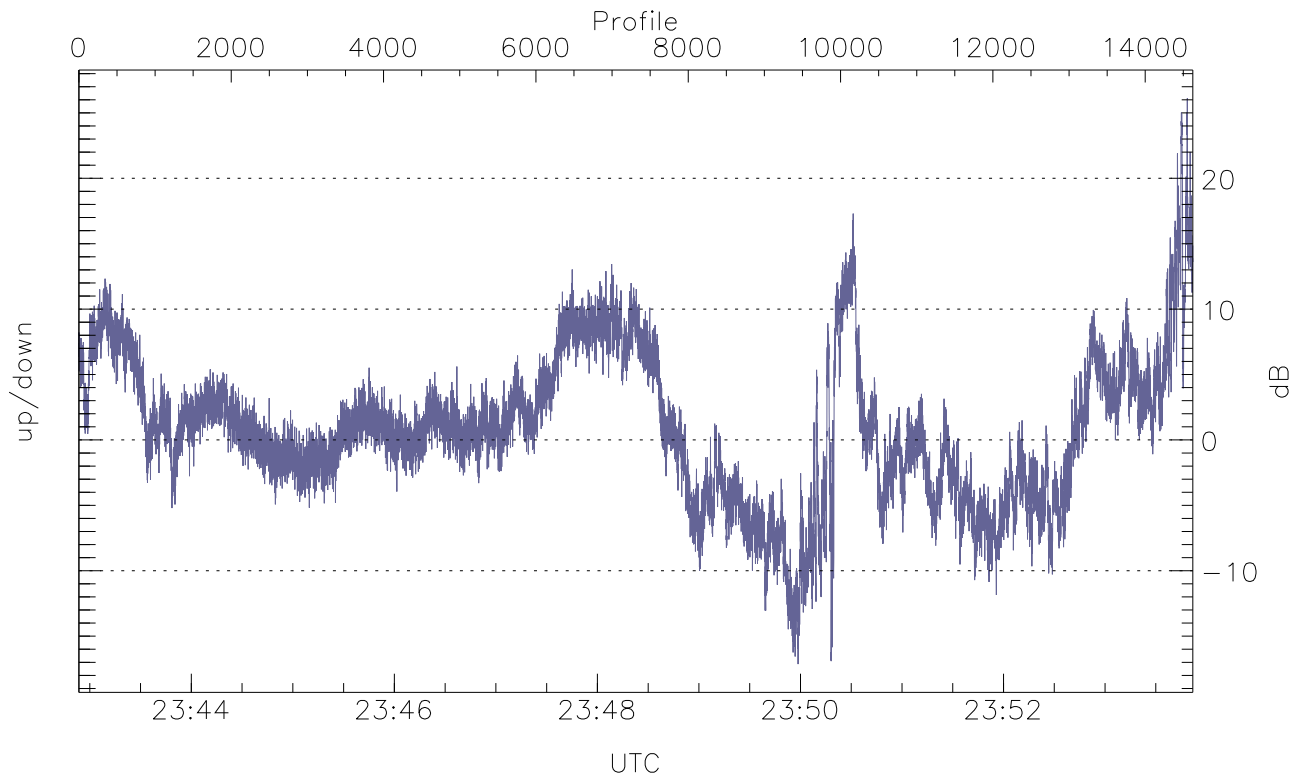


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



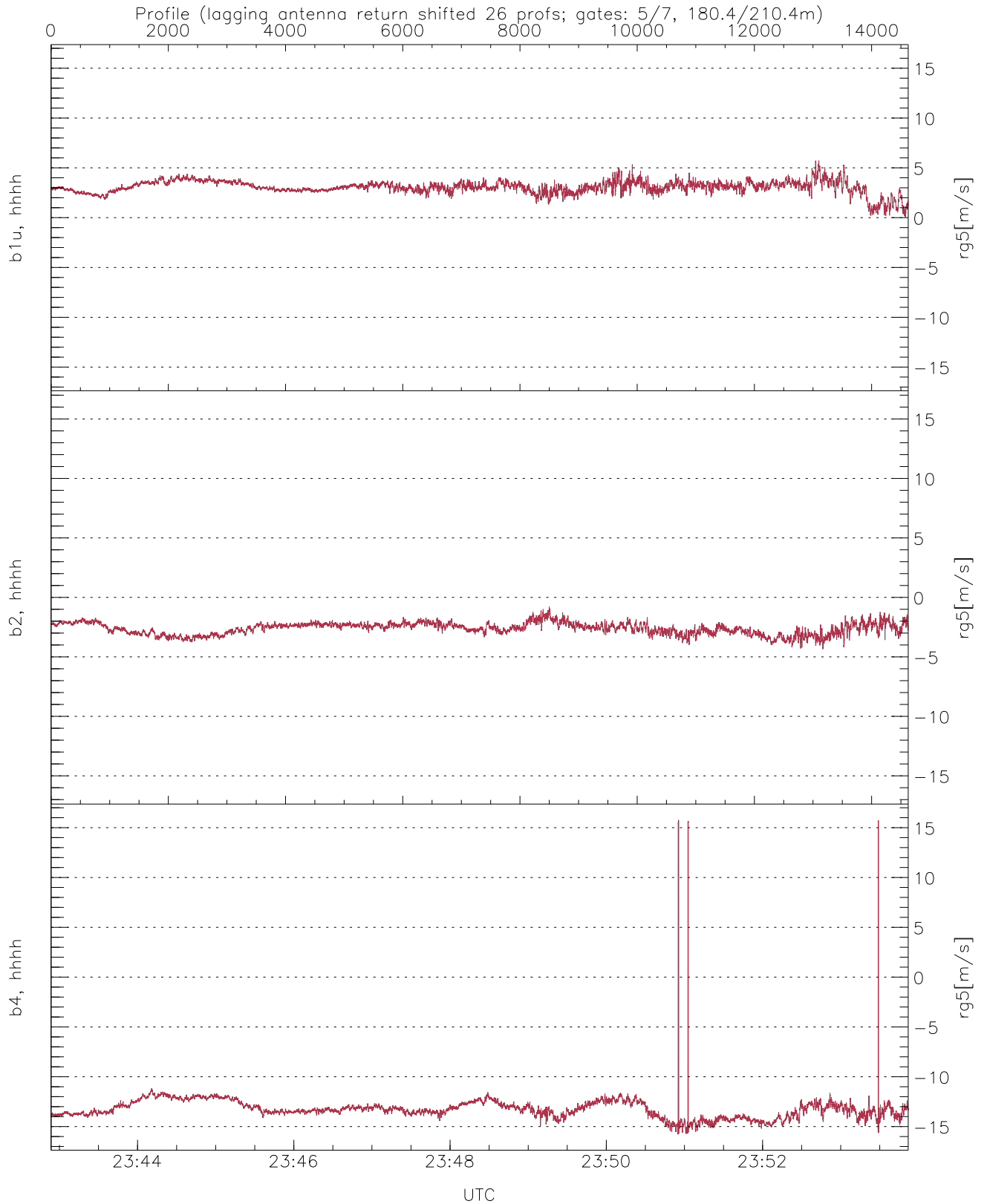
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-43.16	-11.70	-19.14
down(hh[dBm])	-45.03	-11.45	-19.80
down-fore(hh[dBm])	-46.44	-16.59	-24.39



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-17.13	26.11	0.88
down/down-fore (dB)	-8.46	21.98	5.71



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.05	5.74	3.04	0.65
b2, hhhh(rg5[m/s])	-4.35	-0.76	-2.62	0.50
b4, hhhh(rg5[m/s])	-15.79	15.77	-13.25	1.25