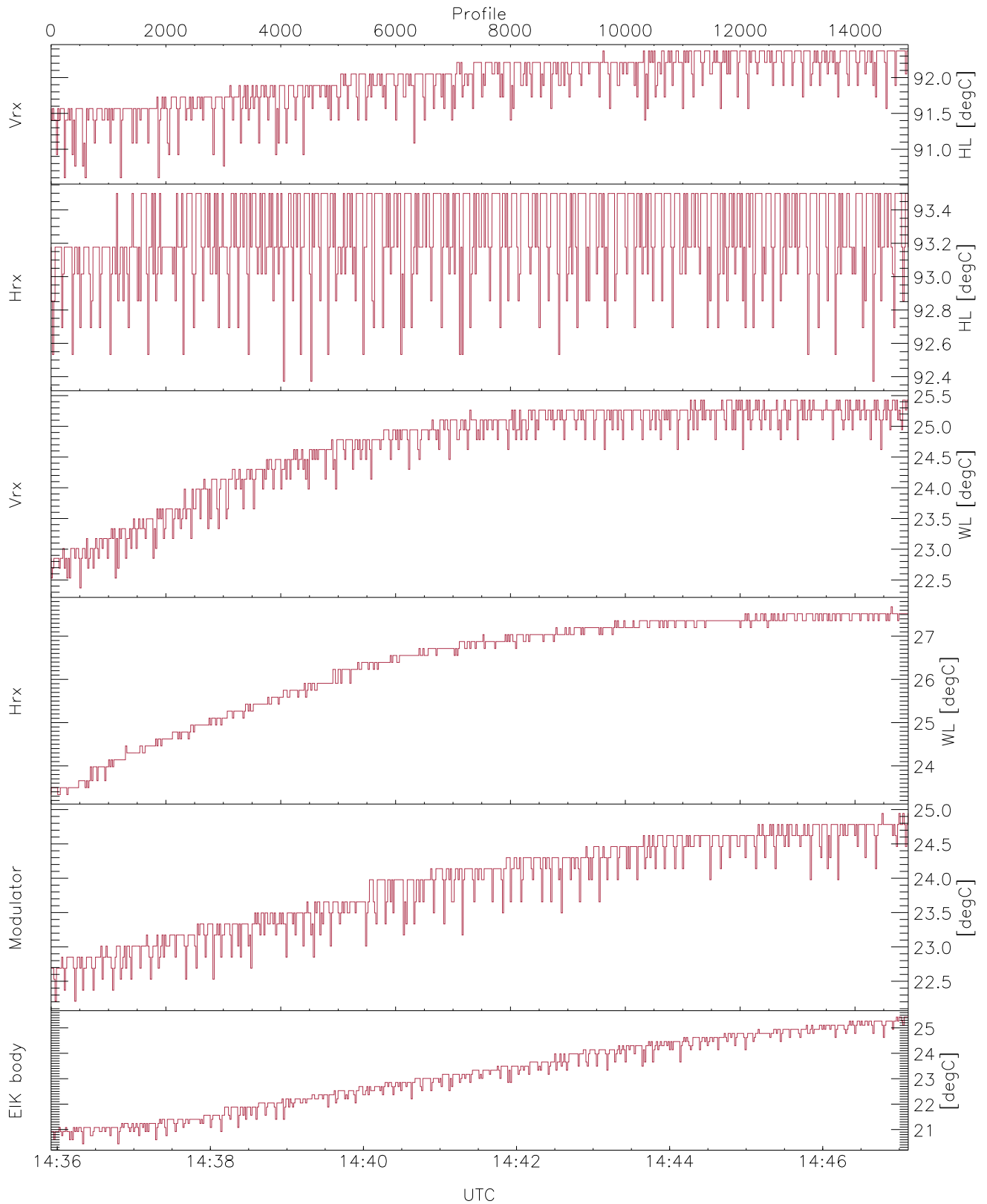


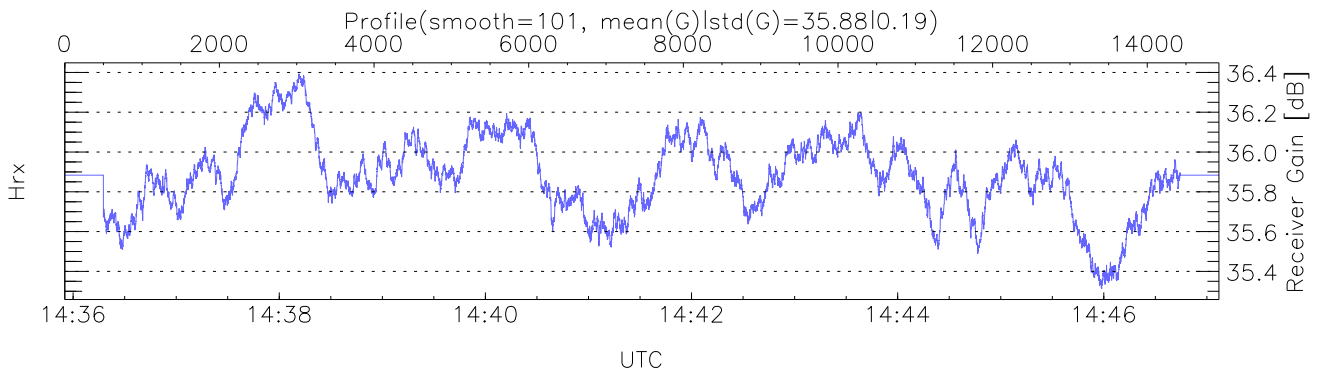
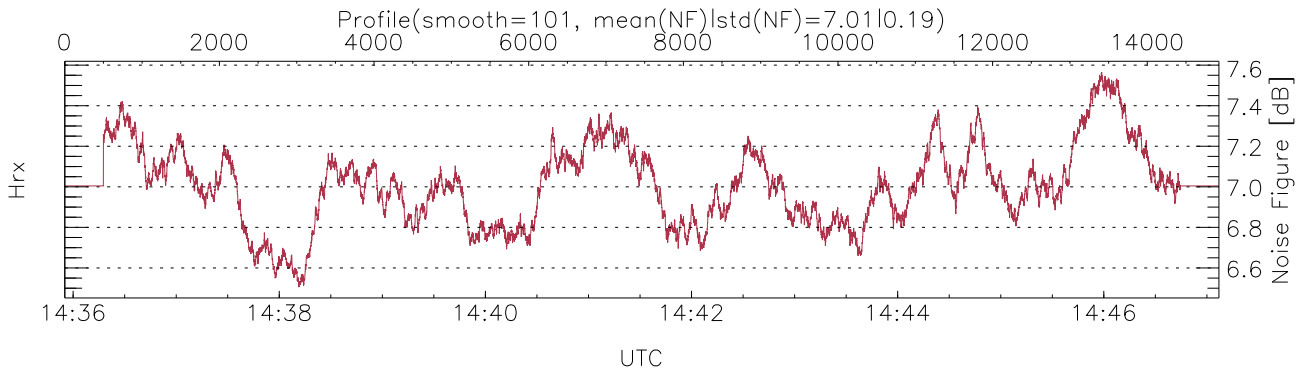
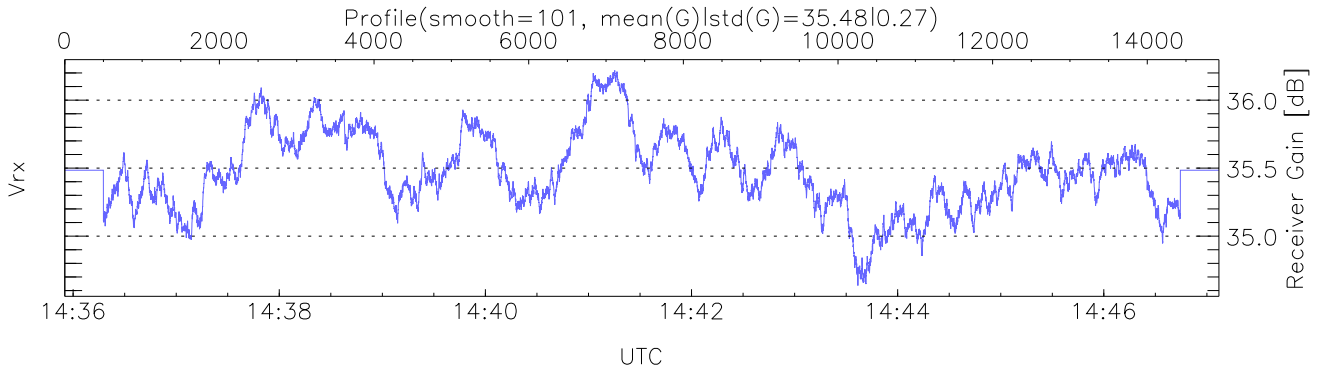
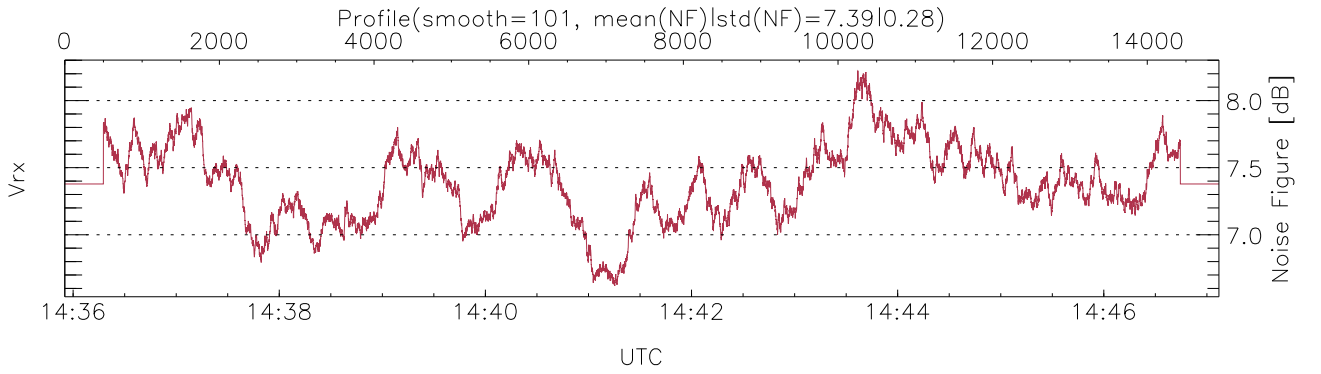
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:35:55-14:47:07, TimeCor: 0.00s, Dur: 671.88s  
 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): 14928/14928, 0-14927/14:35:55-14:47:07  
 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(-910|112,3,9x = no mirror|sidelup|error): 1



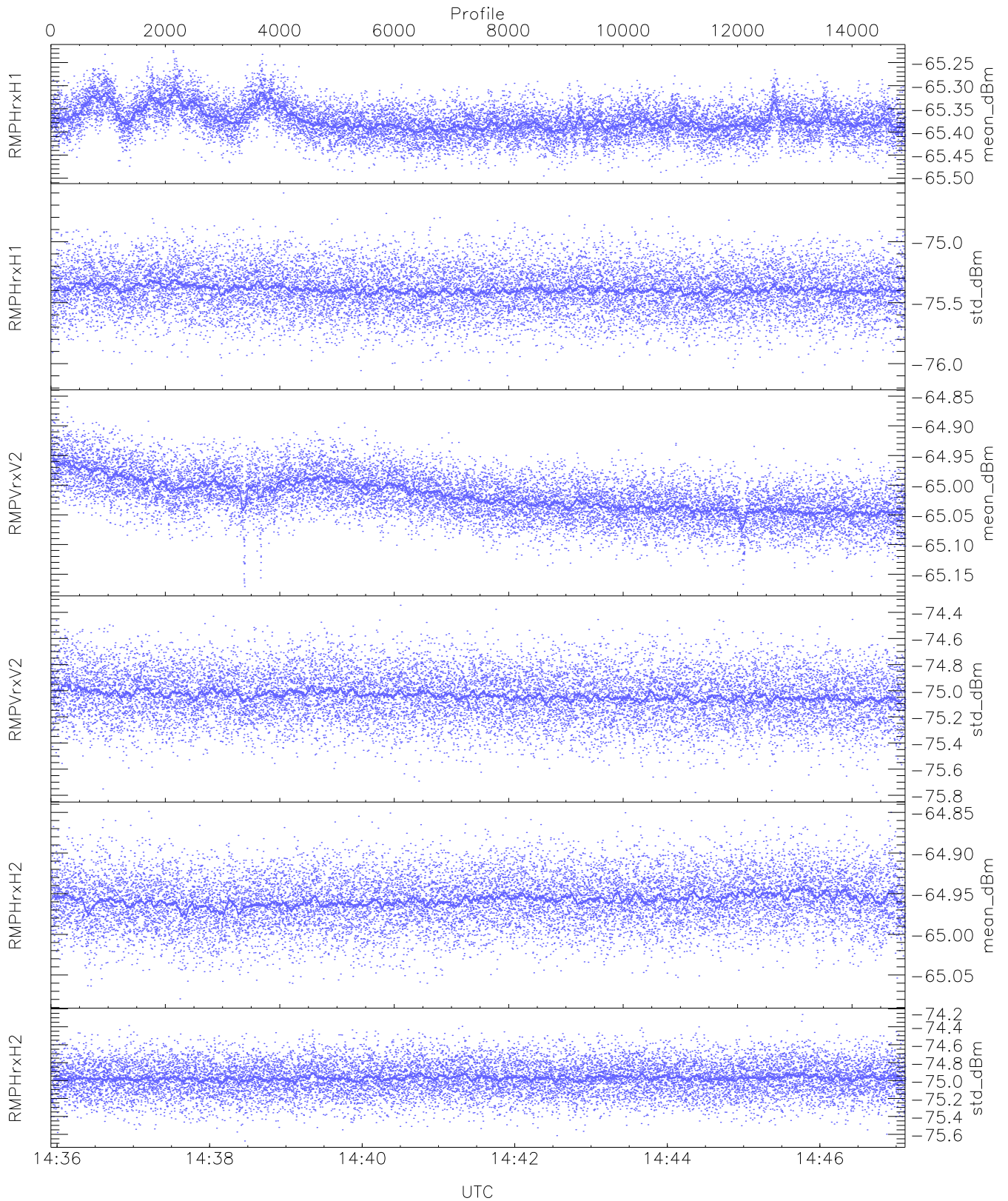
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,23,22,20`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,24,25`  
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`  
`EIK Faults(# prof affected):`  
`BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22)`



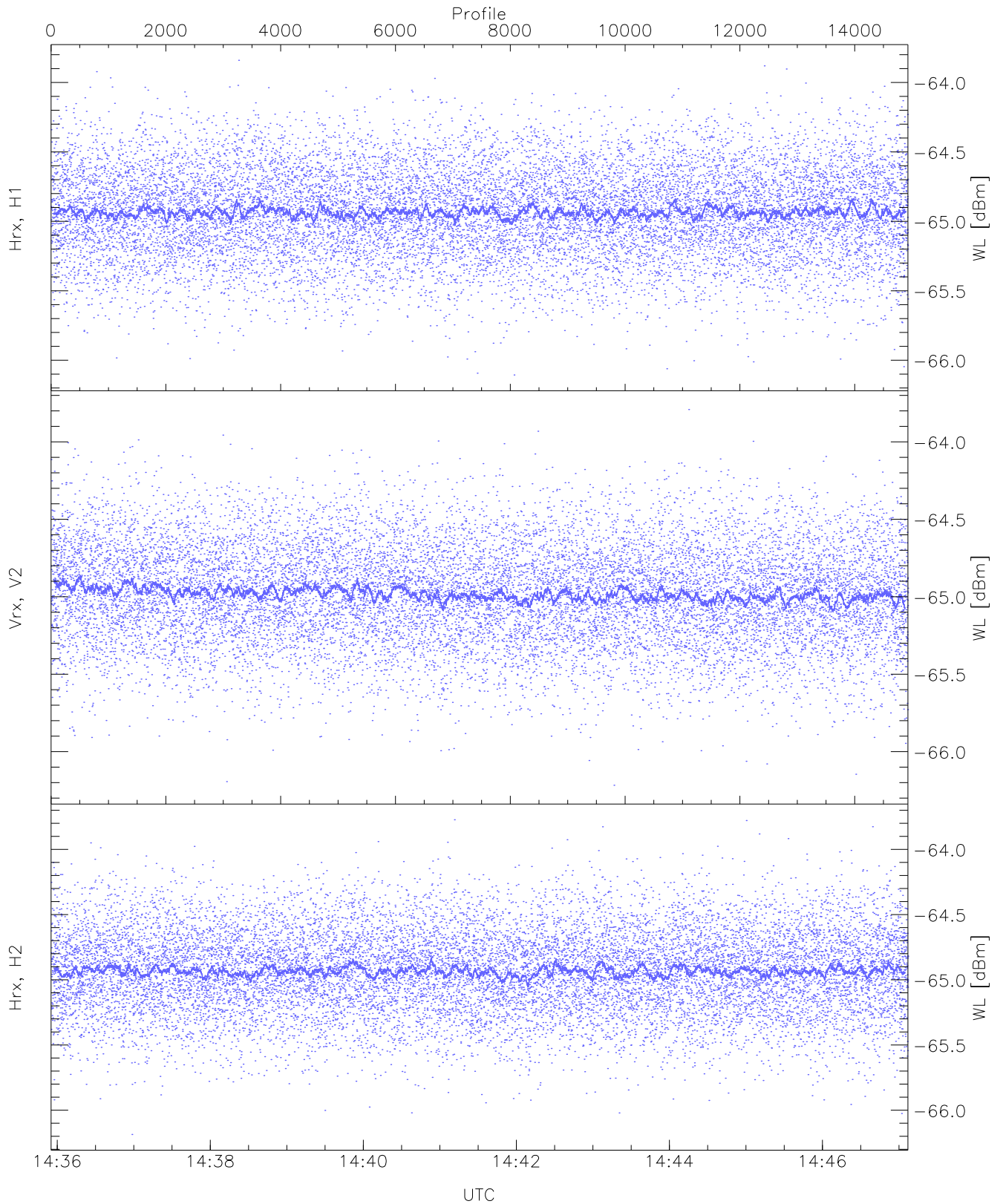
### WCR3 CPP Receivers Gain and Noise Figure

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



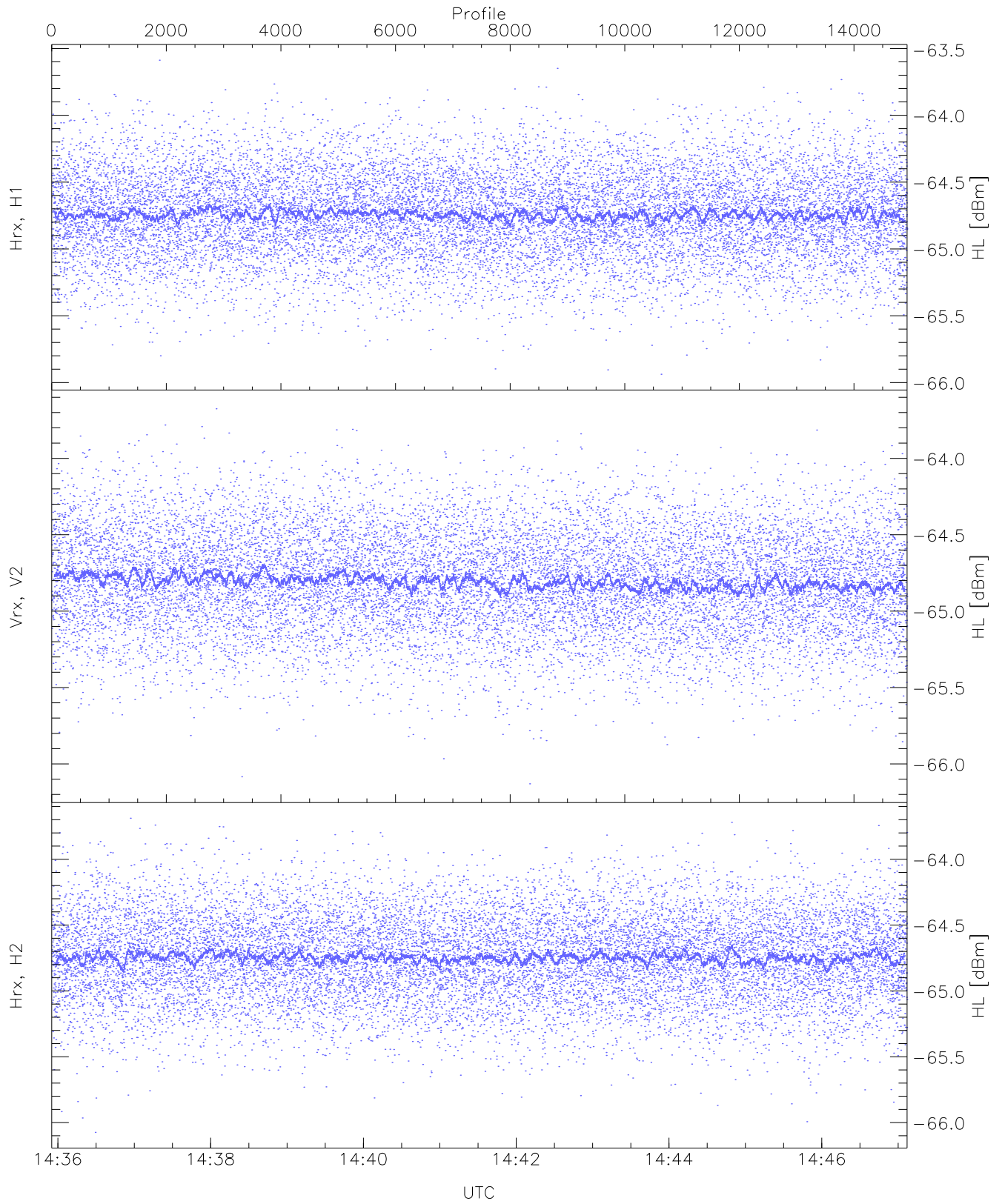
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.22	-65.37	-65.38	-86.12
RMPHrxH1(std_dBm)	-76.14	-74.60	-75.39	-75.39	-89.15
RMPVrxV2(mean_dBm)	-65.17	-64.86	-65.02	-65.02	-85.50
RMPVrxV2(std_dBm)	-75.78	-74.35	-75.04	-75.04	-88.77
RMPHrxH2(mean_dBm)	-65.08	-64.85	-64.96	-64.96	-86.48
RMPHrxH2(std_dBm)	-75.67	-74.26	-74.97	-74.97	-88.76



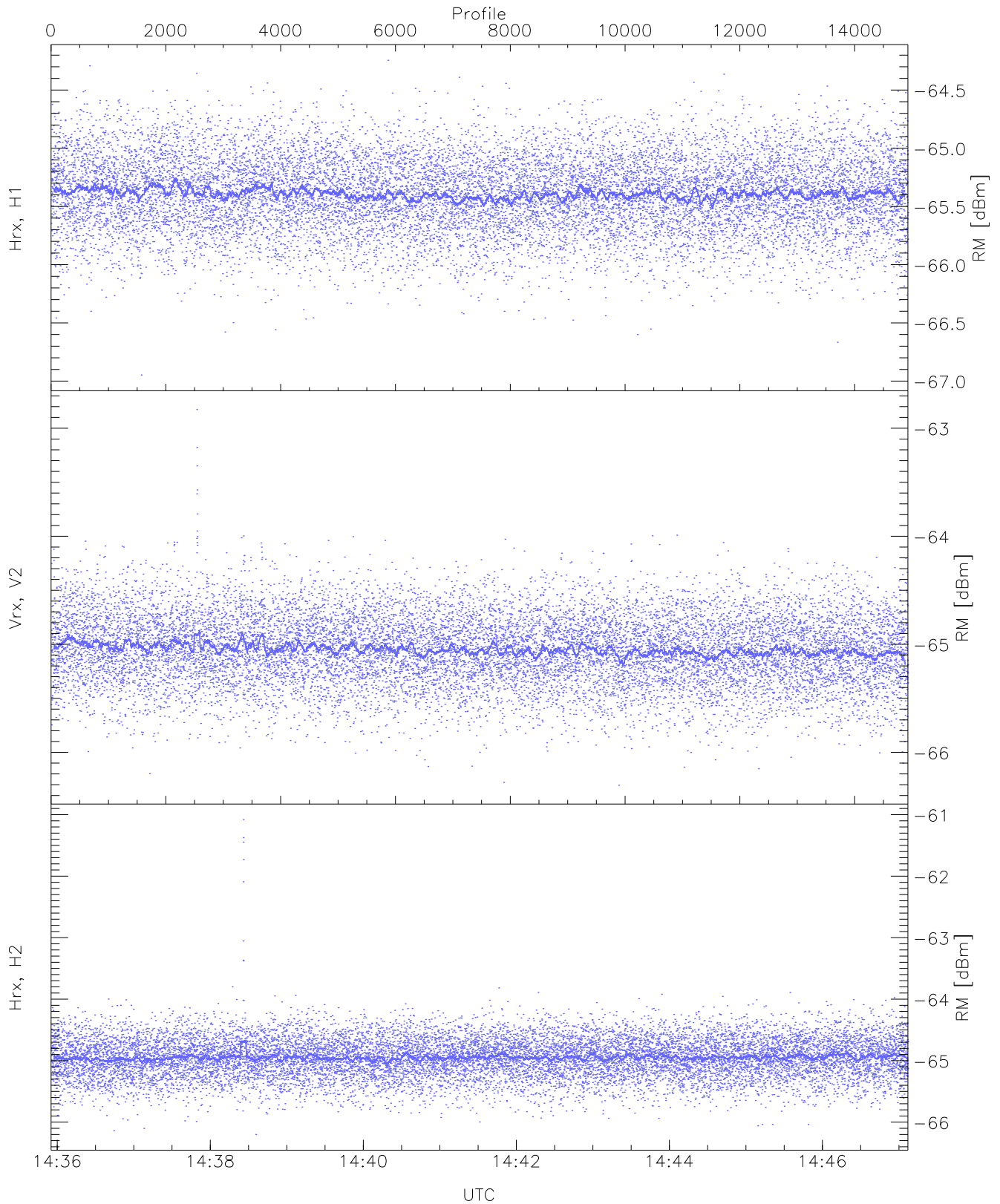
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.11	-63.84	-64.93	-64.93	-76.44
Vrx, V2 (WL [dBm])	-66.22	-63.79	-64.97	-64.98	-76.50
Hrx, H2 (WL [dBm])	-66.19	-63.77	-64.93	-64.93	-76.44



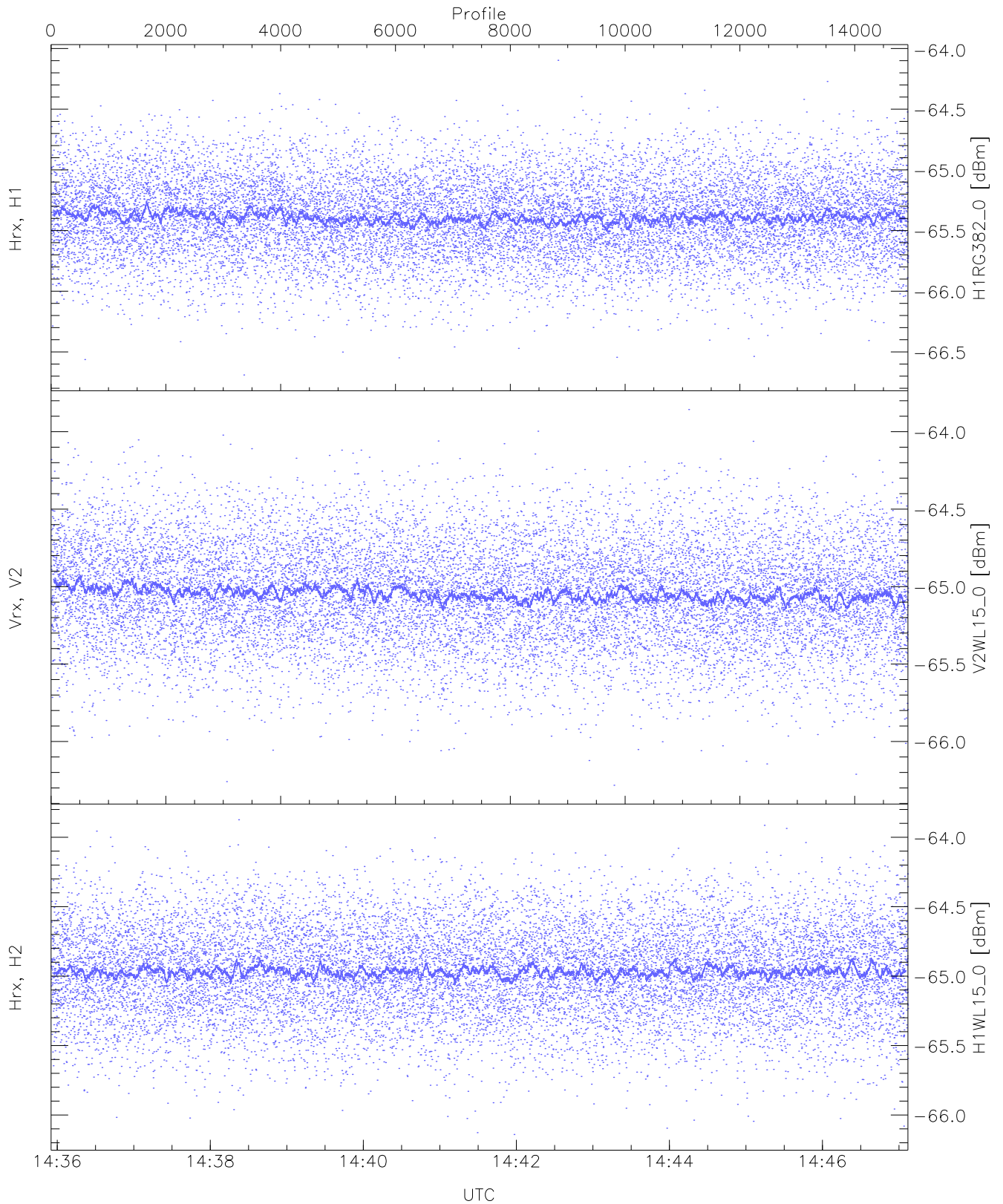
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.94	-63.59	-64.74	-64.74	-76.25
Vrx, V2 (HL [dBm])	-66.13	-63.68	-64.80	-64.81	-76.28
Hrx, H2 (HL [dBm])	-66.07	-63.69	-64.74	-64.74	-76.26



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

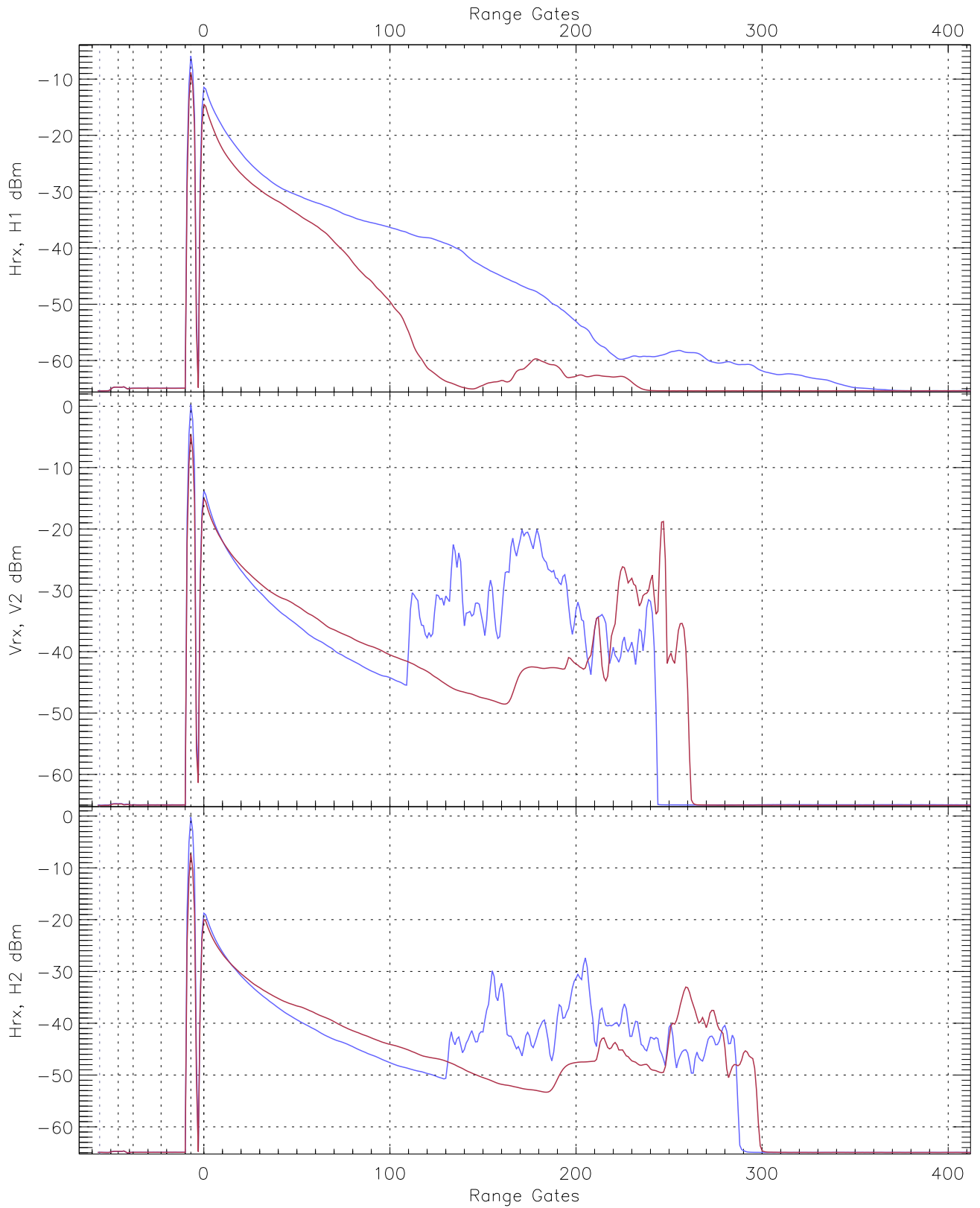
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.95	-64.24	-65.38	-65.39	-76.85
Vrx, V2 (RM [dBm])	-66.30	-62.83	-65.04	-65.05	-76.44
Hrx, H2 (RM [dBm])	-66.20	-61.08	-64.94	-64.95	-76.22



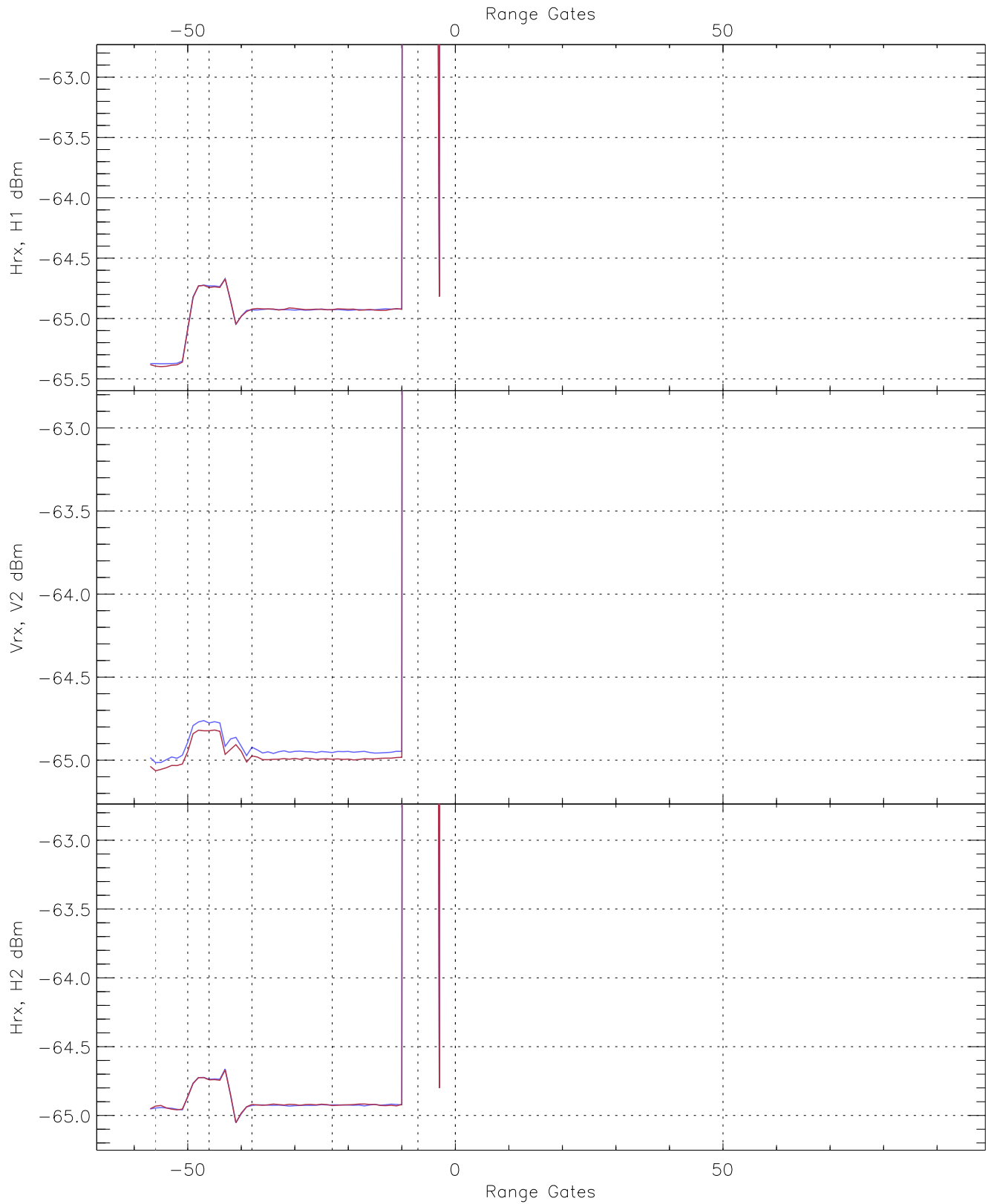
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG382_0 [dBm]	-66.69	-64.10	-65.38	-65.39	-76.87
V2WL15_0 [dBm]	-66.28	-63.86	-65.04	-65.05	-76.57
H1WL15_0 [dBm]	-66.14	-63.87	-64.96	-64.97	-76.47

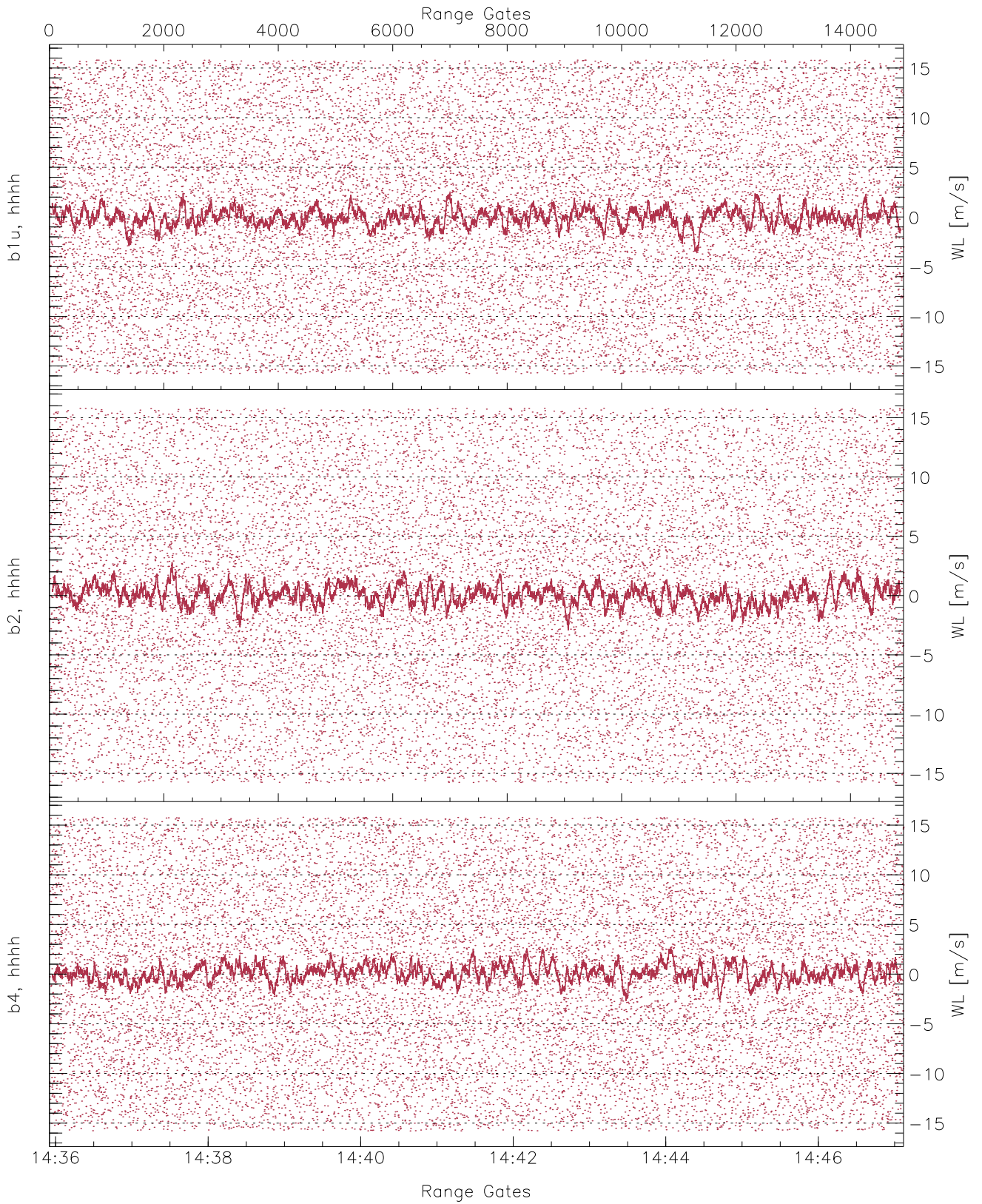




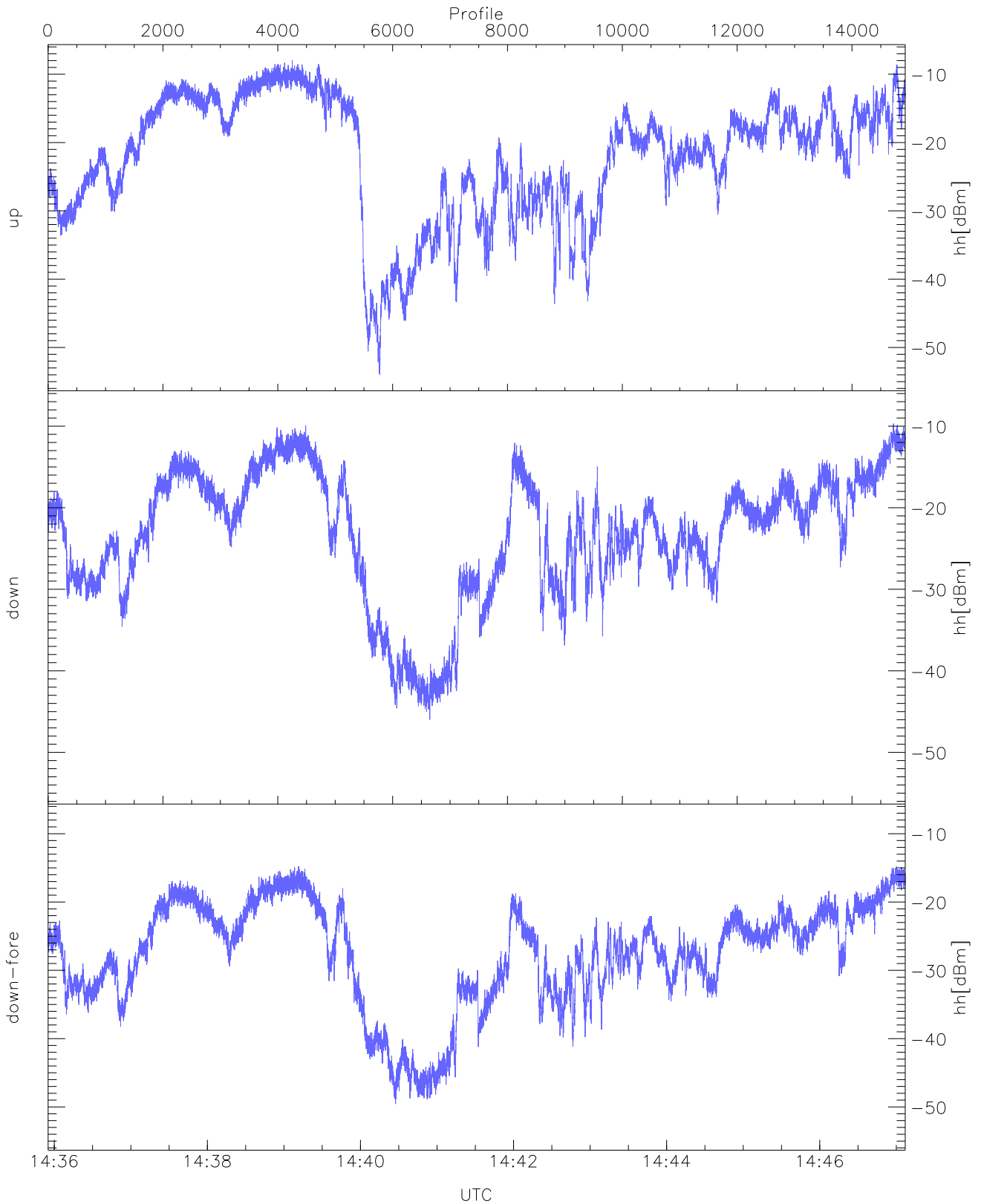
WCR3 CPP Averaged Received power for all recorded gates  
blue: 143555-144131, 7465 profiles averaged  
red: 144131-144707, 7464 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 143555-144131, 7465 profiles averaged  
red: 144131-144707, 7464 profiles averaged

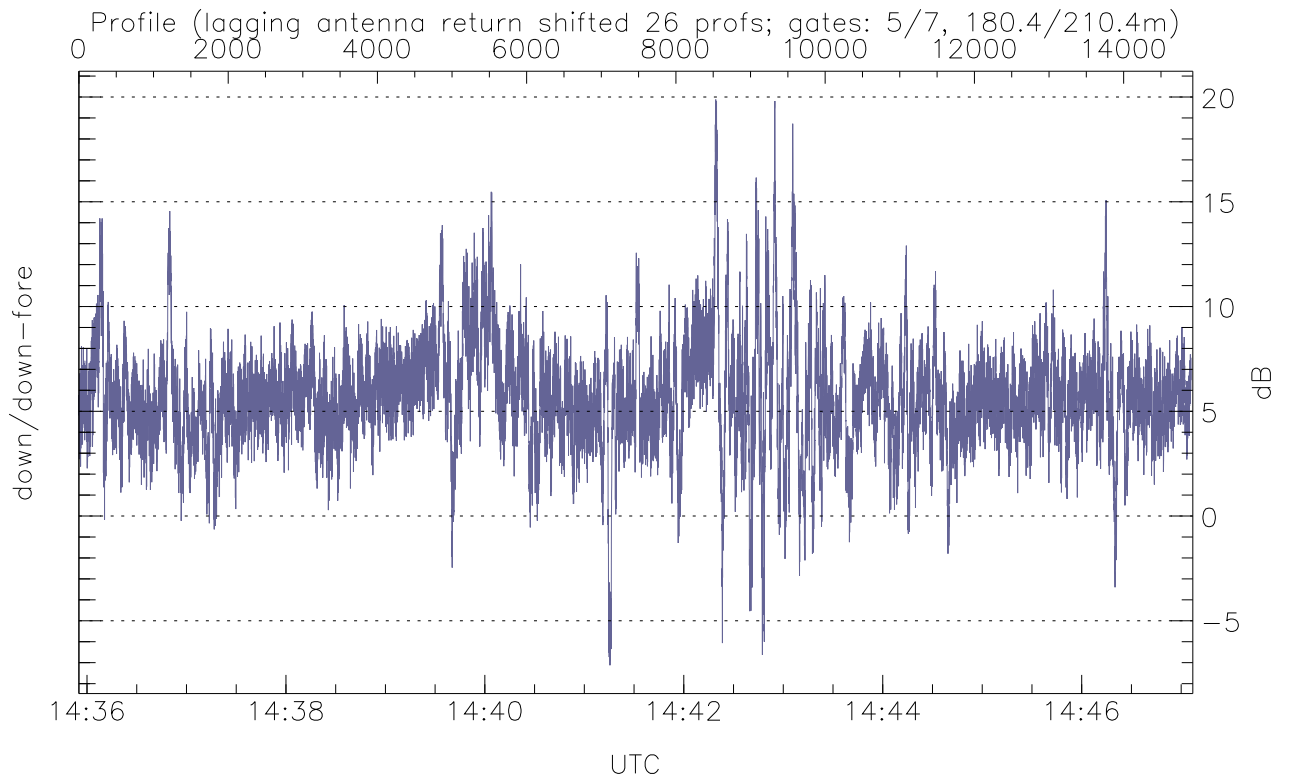
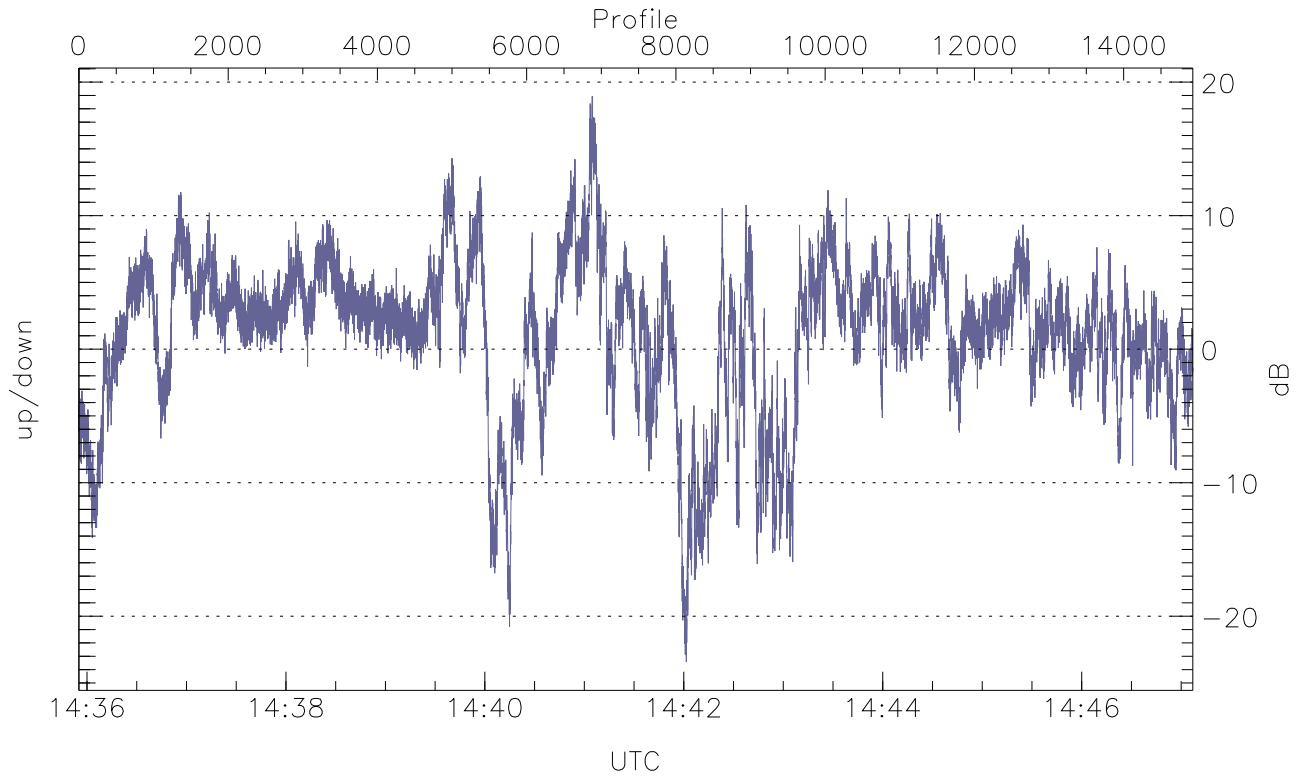


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



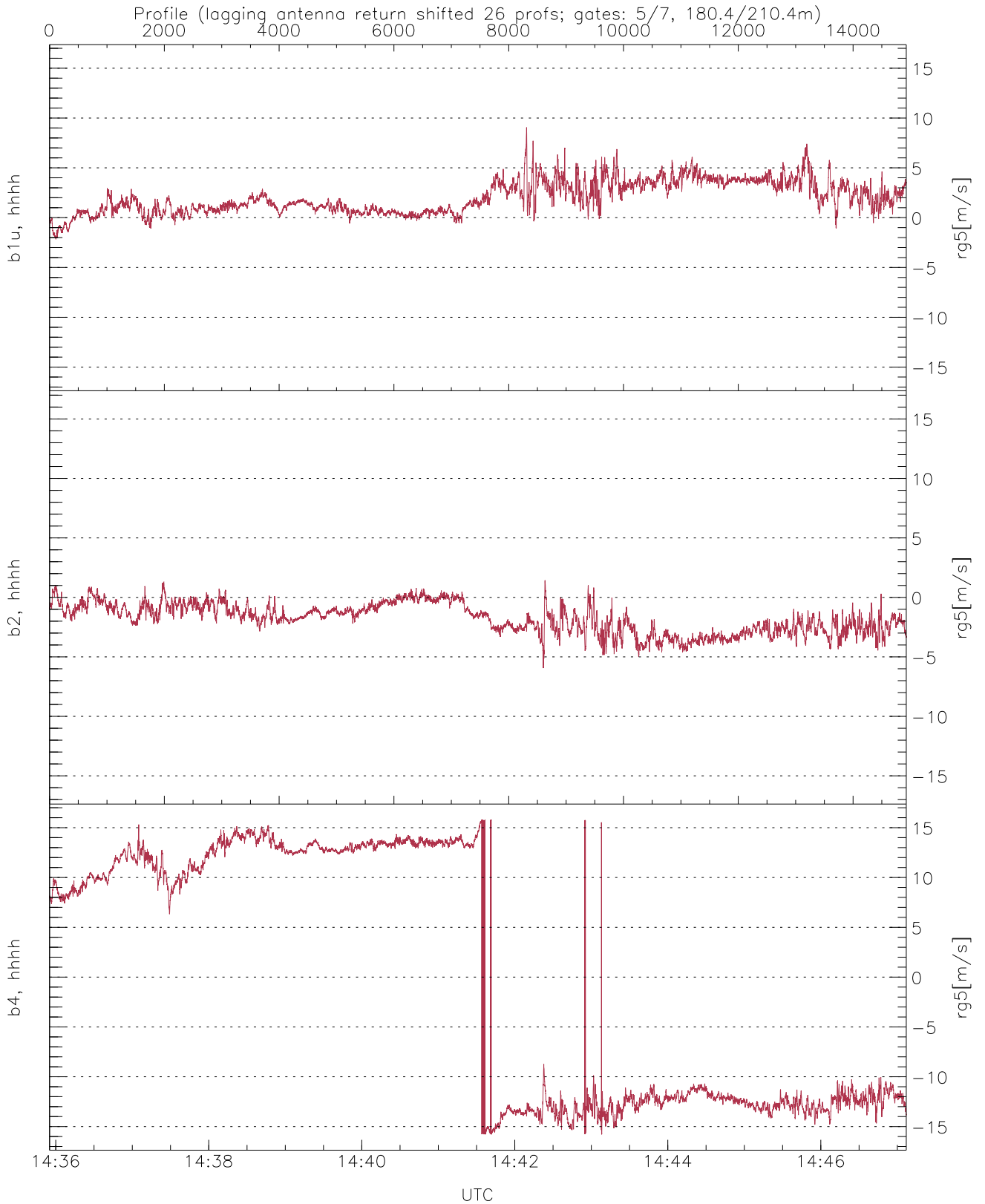
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-54.03	-7.96	-16.72
down(hh[dBm])	-45.98	-9.67	-18.78
down-fore(hh[dBm])	-49.56	-14.77	-23.32



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

	Min	Max	Mean
up/down (dB)	-23.43	18.94	1.18
down/down-fore (dB)	-7.12	19.88	5.68



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.17	9.05	2.02	1.60
b2, hhhh(rg5[m/s])	-5.94	1.43	-1.79	1.24
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.01	12.63