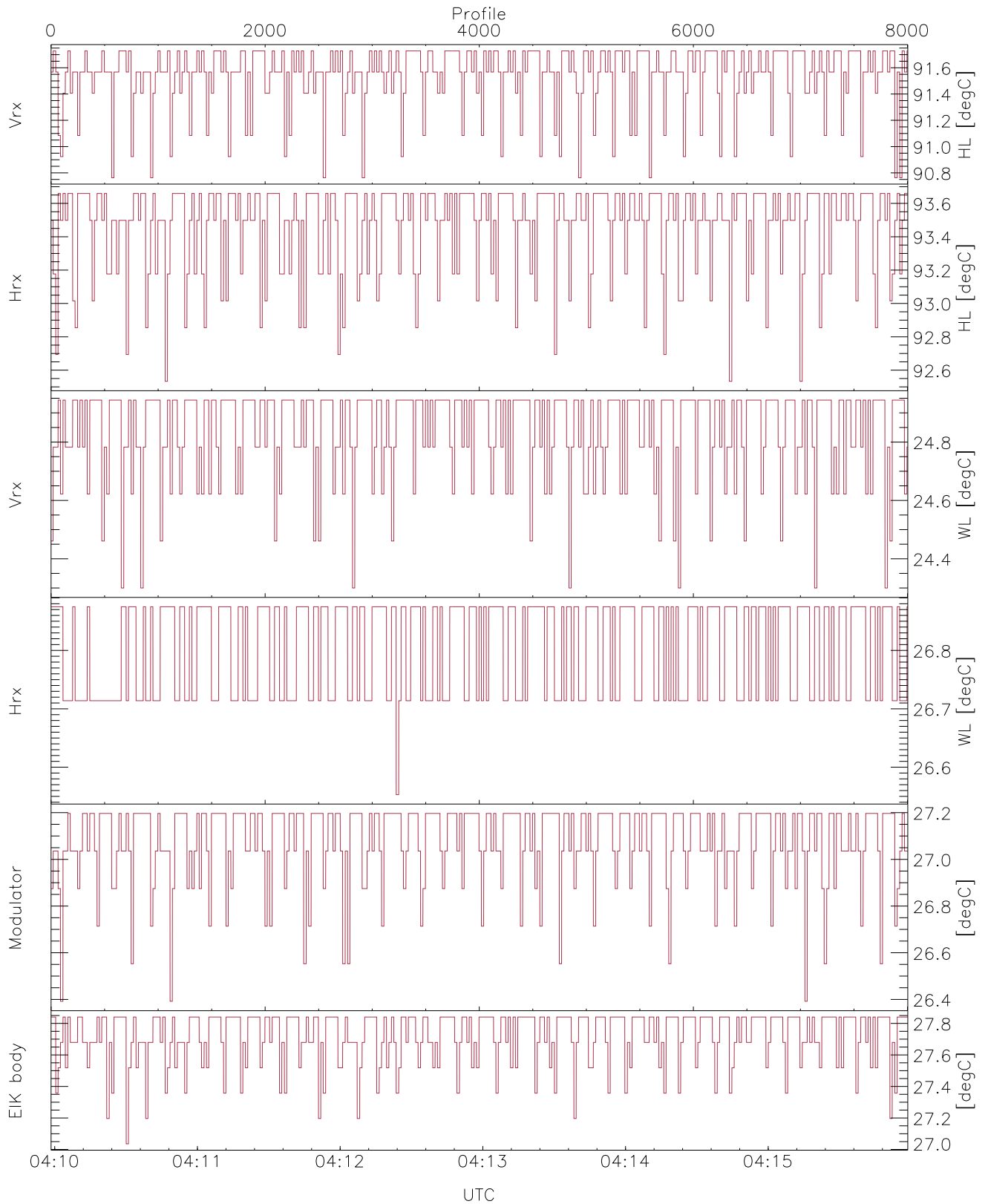


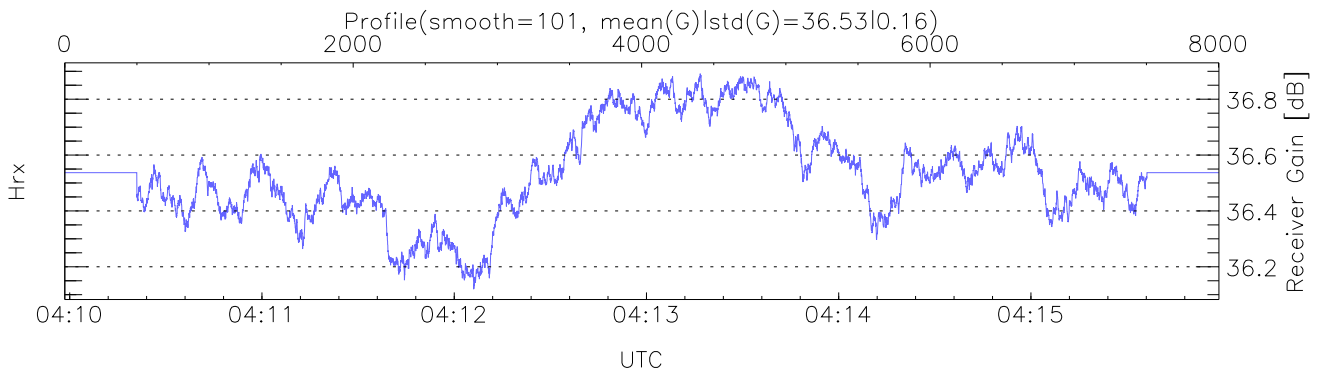
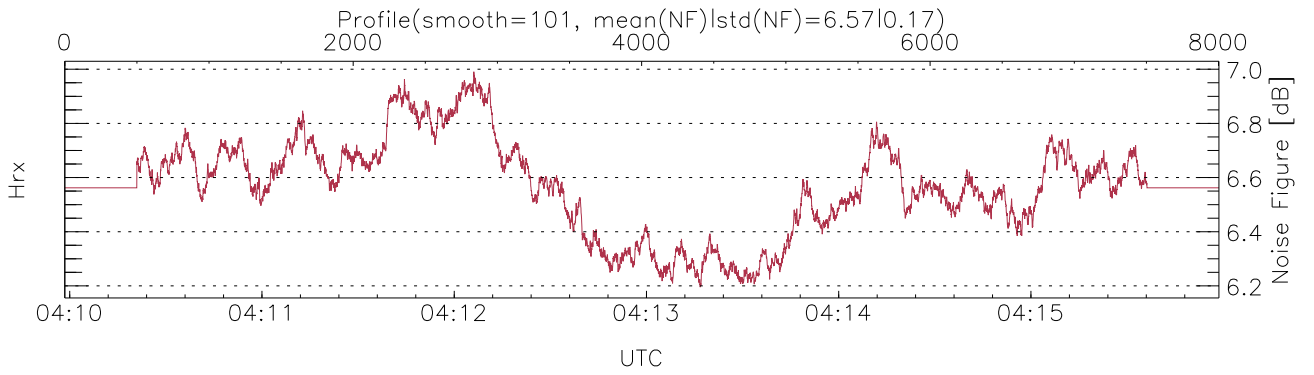
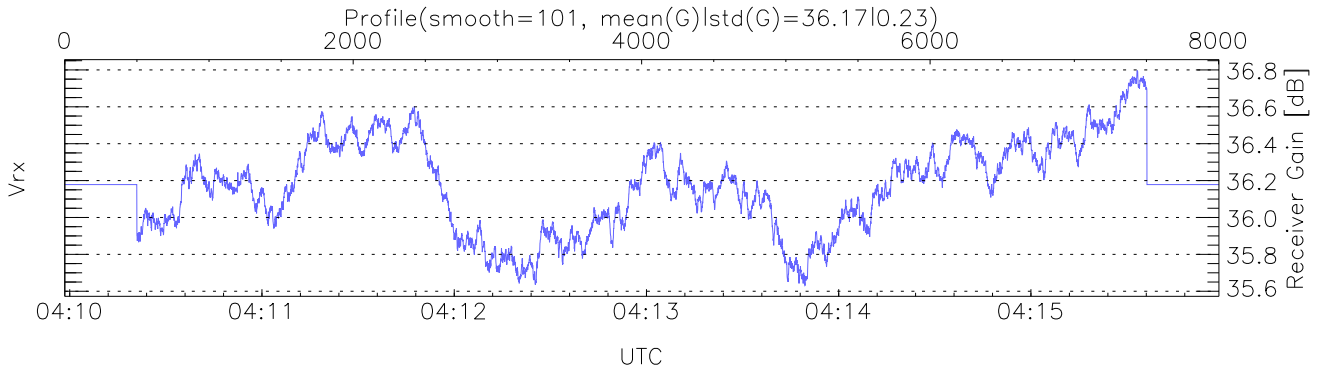
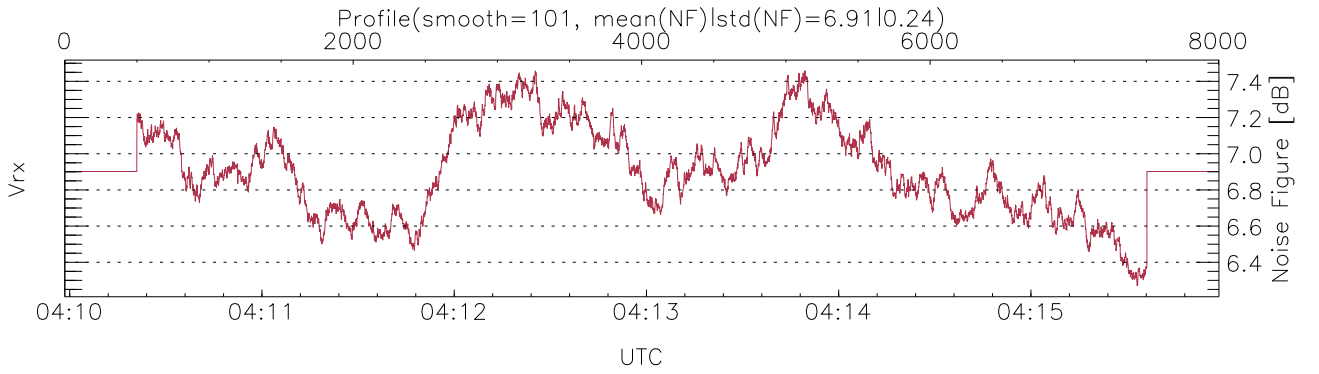
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:09:58-04:15:59, TimeCor: 0.00s, Dur: 360.22s  
 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): 8004/8004, 0-8003/04:09:58-04:15:59  
 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



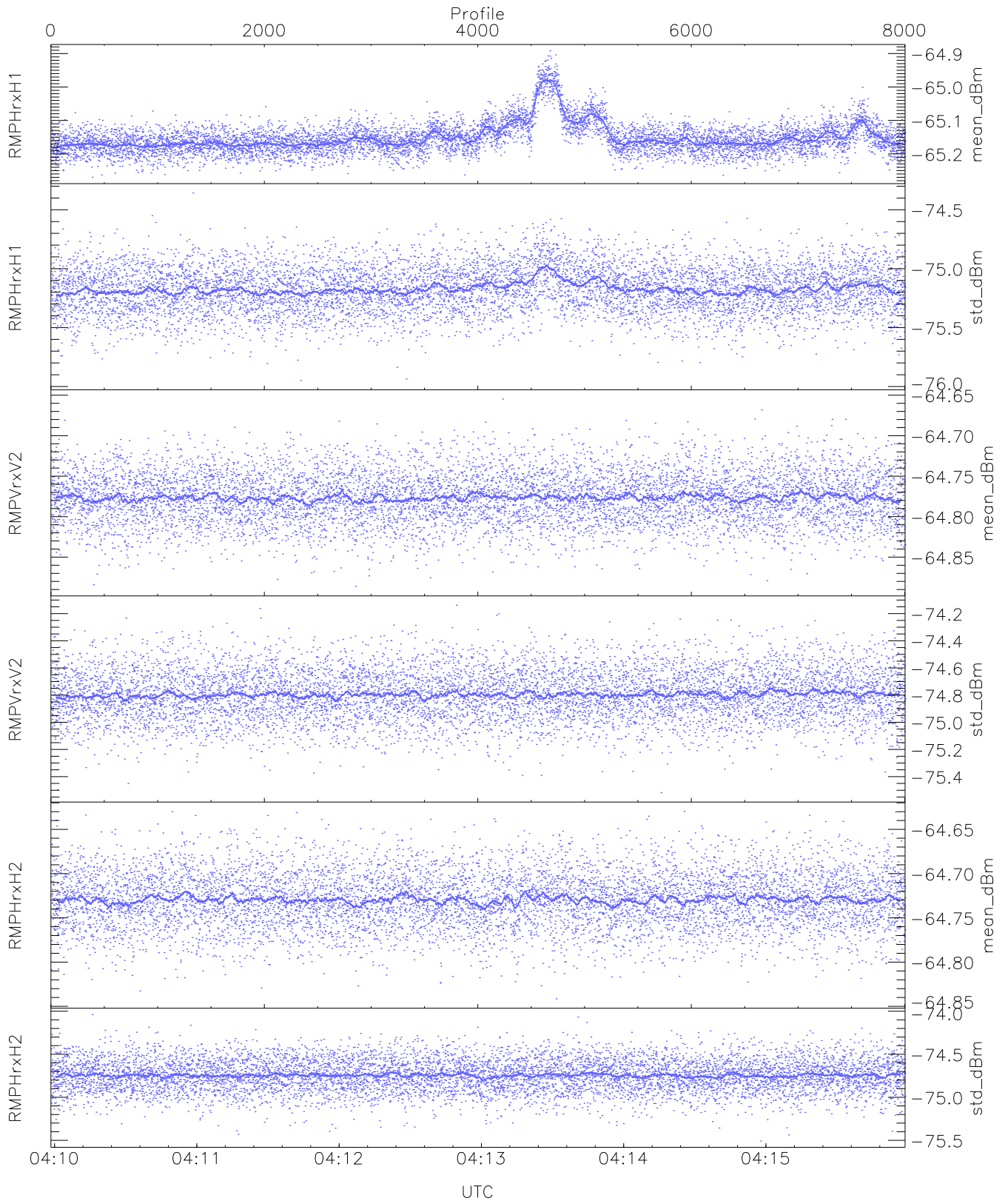
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,26,26,27  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,26,27,27  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



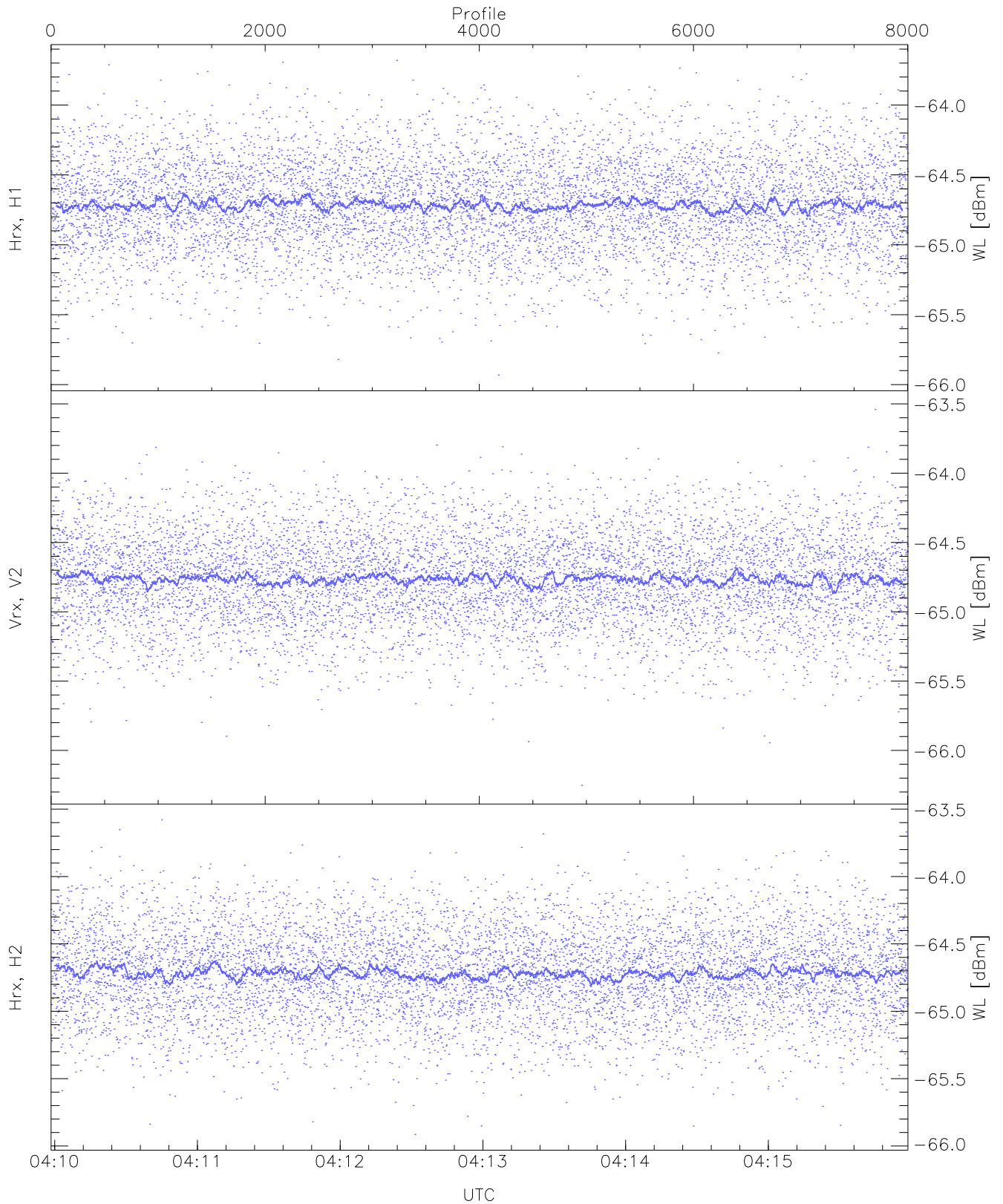
### WCR3 CPP Receivers Gain and Noise Figure

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



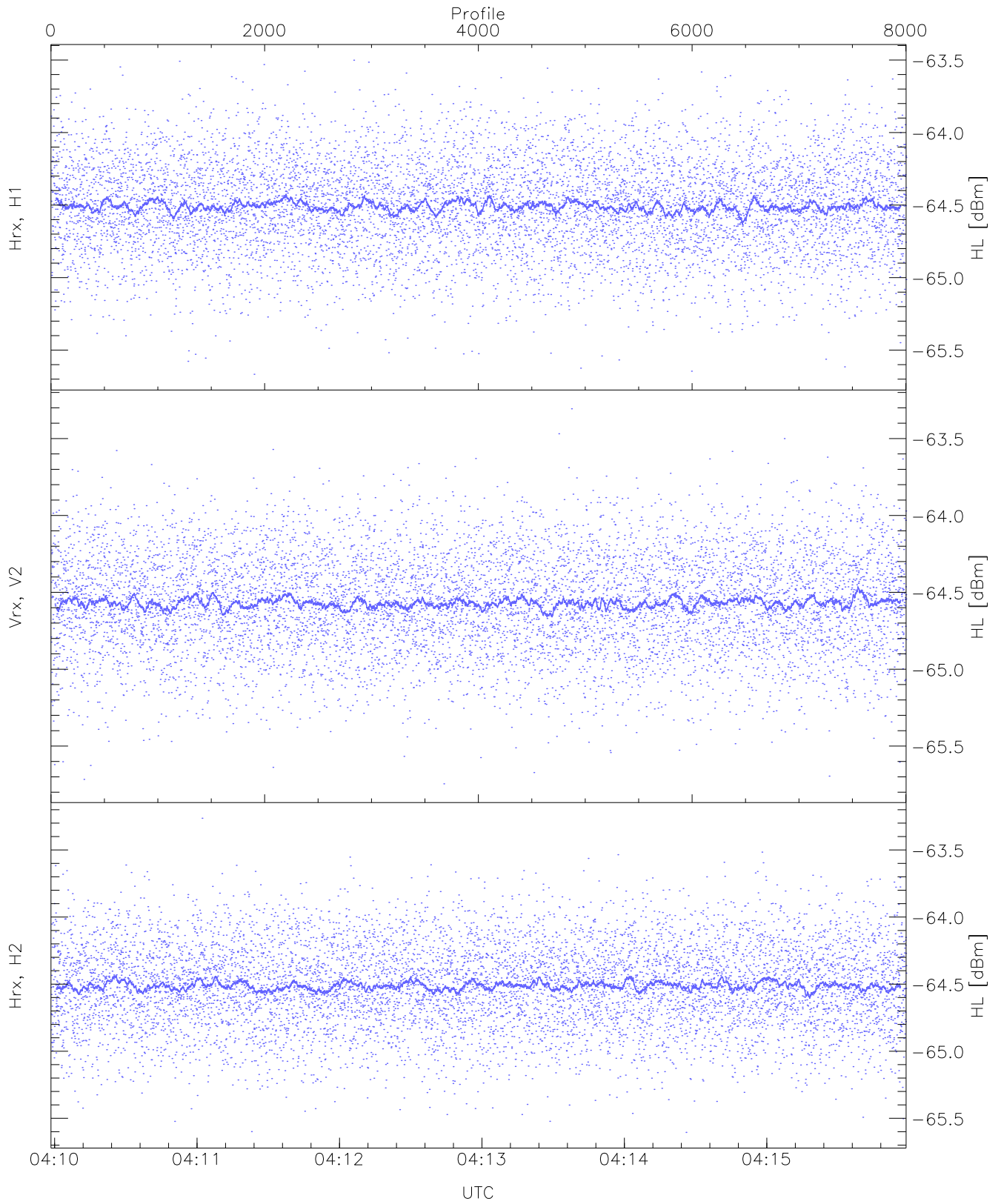
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.27	-64.89	-65.15	-65.16	-84.73
RMPHrxH1(std_dBm)	-75.95	-74.36	-75.17	-75.17	-88.83
RMPVrxV2(mean_dBm)	-64.89	-64.65	-64.78	-64.78	-86.36
RMPVrxV2(std_dBm)	-75.52	-74.14	-74.79	-74.80	-88.69
RMPHrxH2(mean_dBm)	-64.84	-64.63	-64.73	-64.73	-86.35
RMPHrxH2(std_dBm)	-75.51	-74.04	-74.74	-74.75	-88.56



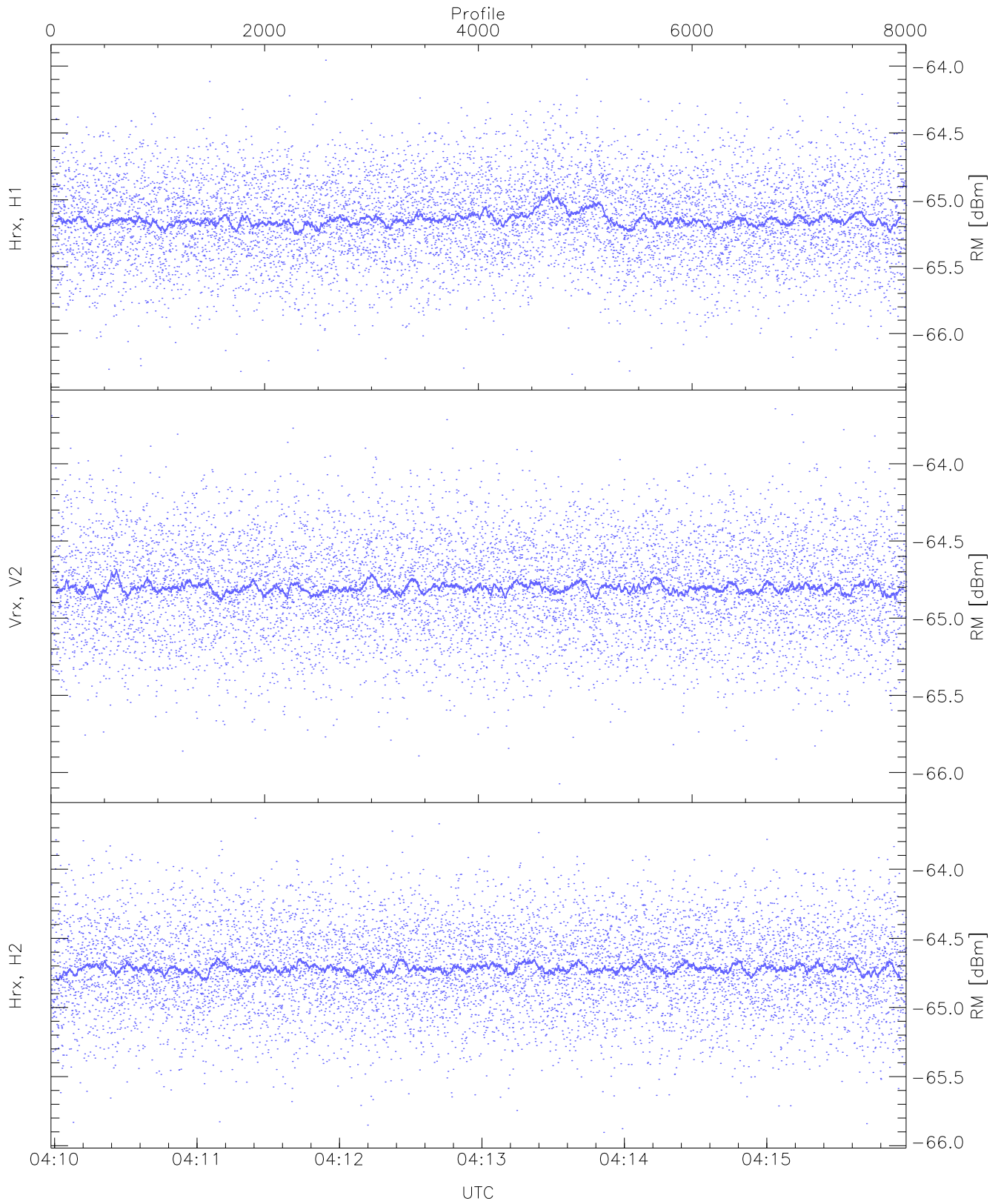
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.93	-63.68	-64.71	-64.72	-76.18
Vrx, V2 (WL [dBm])	-66.25	-63.54	-64.76	-64.76	-76.23
Hrx, H2 (WL [dBm])	-65.91	-63.58	-64.71	-64.72	-76.16



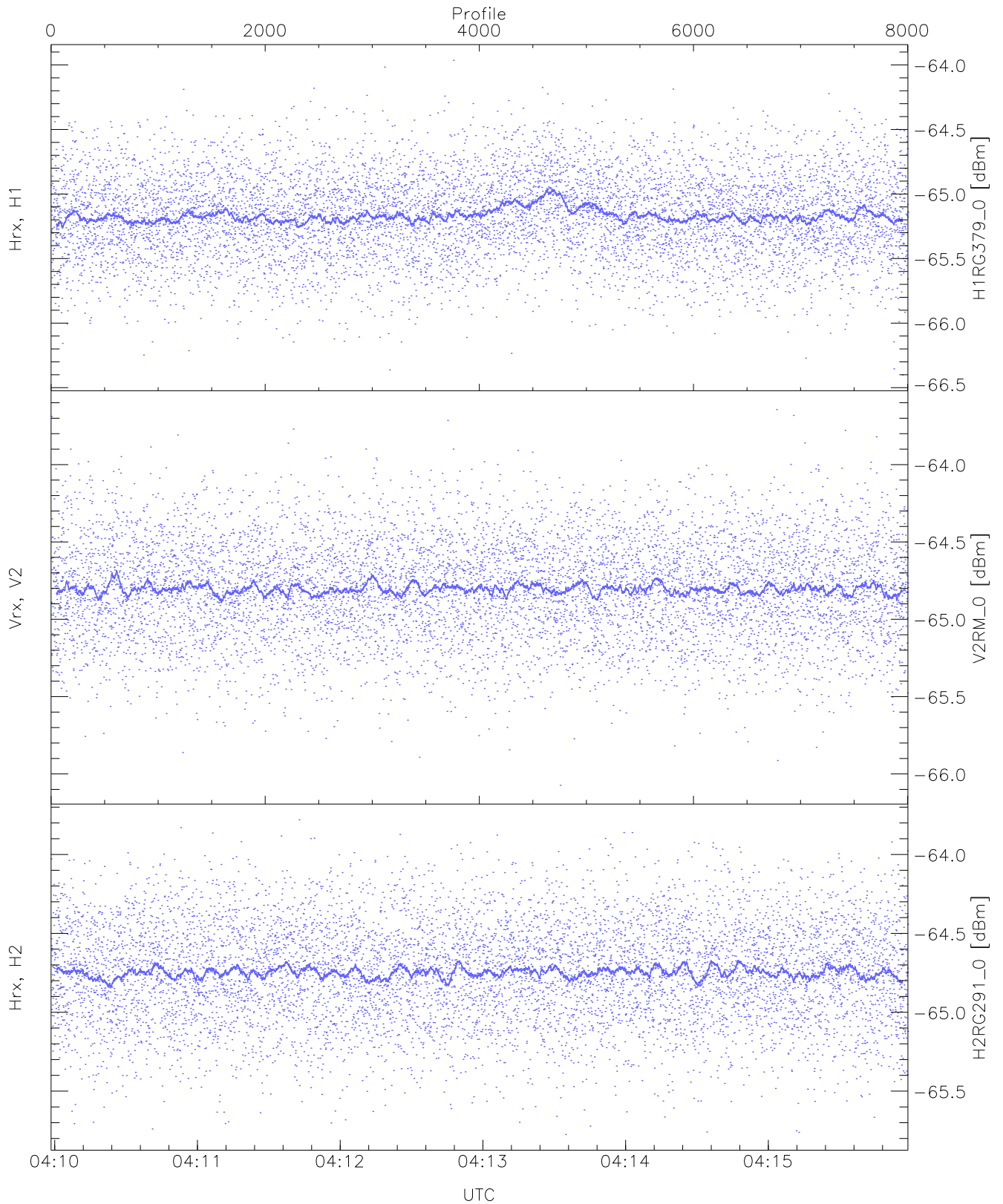
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.67	-63.50	-64.50	-64.51	-76.01
Vrx, V2 (HL [dBm])	-65.75	-63.31	-64.56	-64.57	-76.02
Hrx, H2 (HL [dBm])	-65.60	-63.26	-64.50	-64.51	-76.00



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

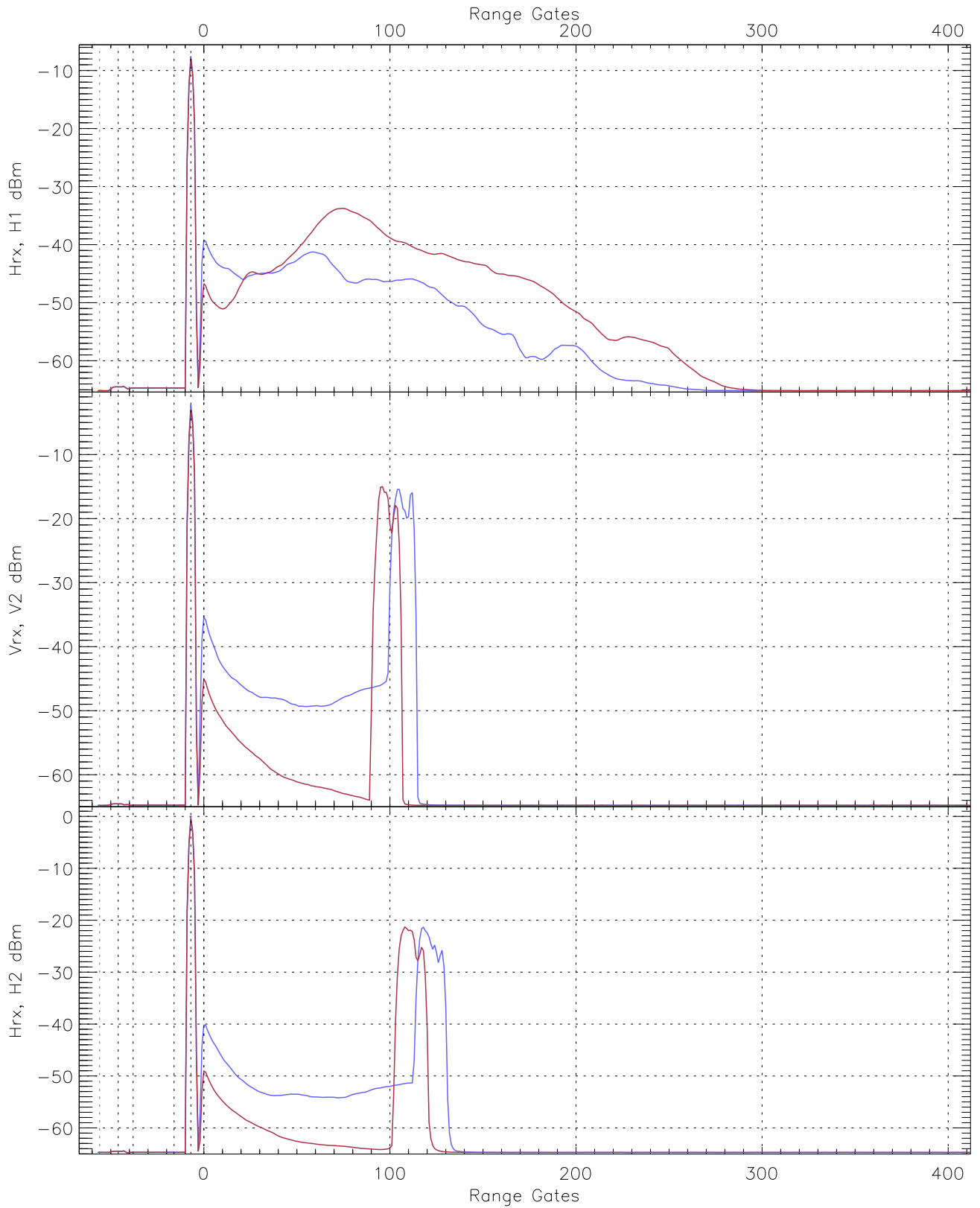
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.30	-63.96	-65.14	-65.15	-76.64
Vrx, V2 (RM [dBm])	-66.07	-63.64	-64.80	-64.80	-76.27
Hrx, H2 (RM [dBm])	-65.90	-63.63	-64.71	-64.72	-76.21



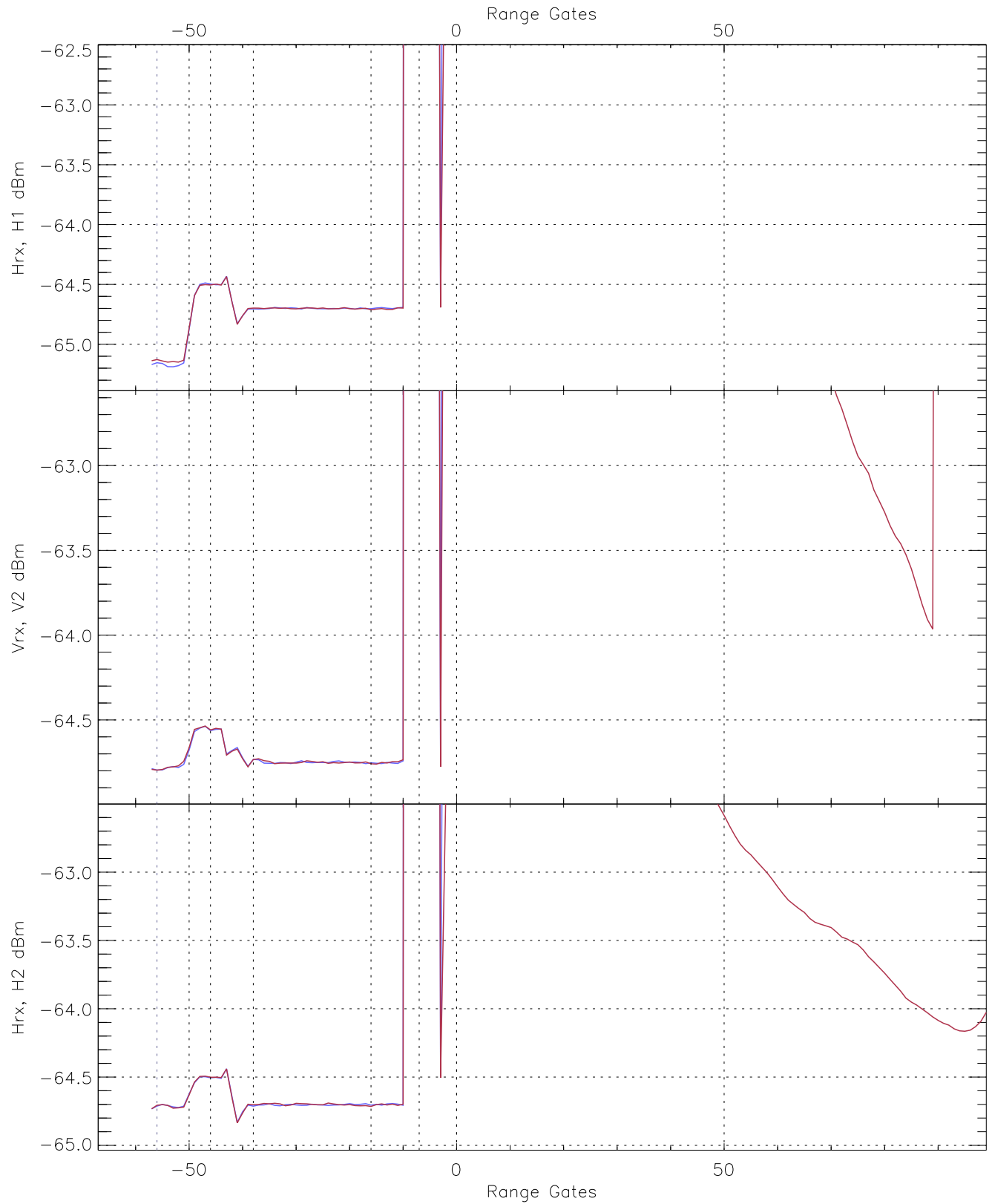
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG379_0 [dBm]	-66.40	-63.96	-65.16	-65.16	-76.58
V2RM_0 [dBm]	-66.07	-63.64	-64.80	-64.80	-76.27
H2RG291_0 [dBm]	-65.77	-63.78	-64.74	-64.75	-76.28

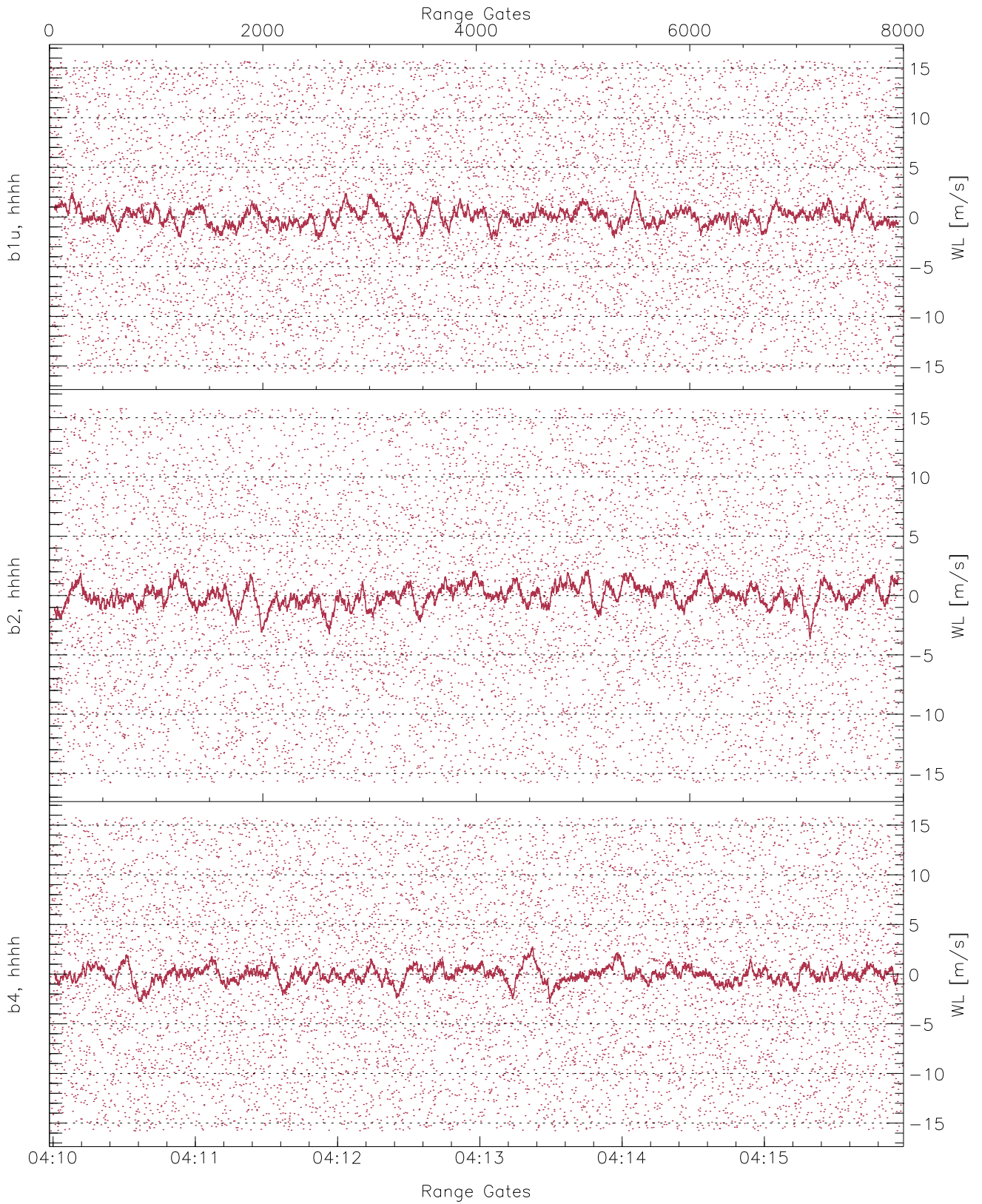




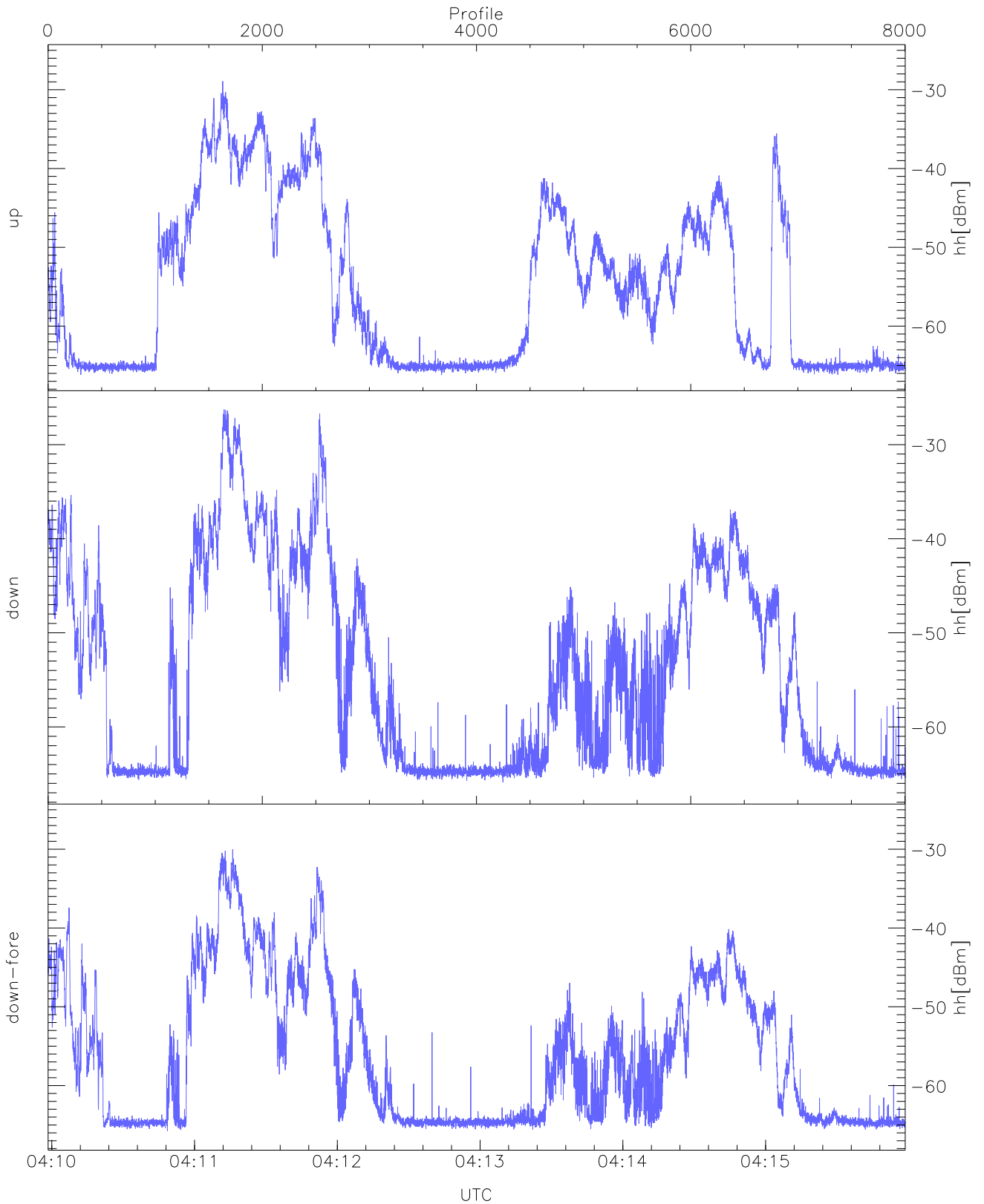
WCR3 CPP Averaged Received power for all recorded gates  
blue: 040958-041259, 4003 profiles averaged  
red: 041259-041559, 4002 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 040958-041259, 4003 profiles averaged  
red: 041259-041559, 4002 profiles averaged

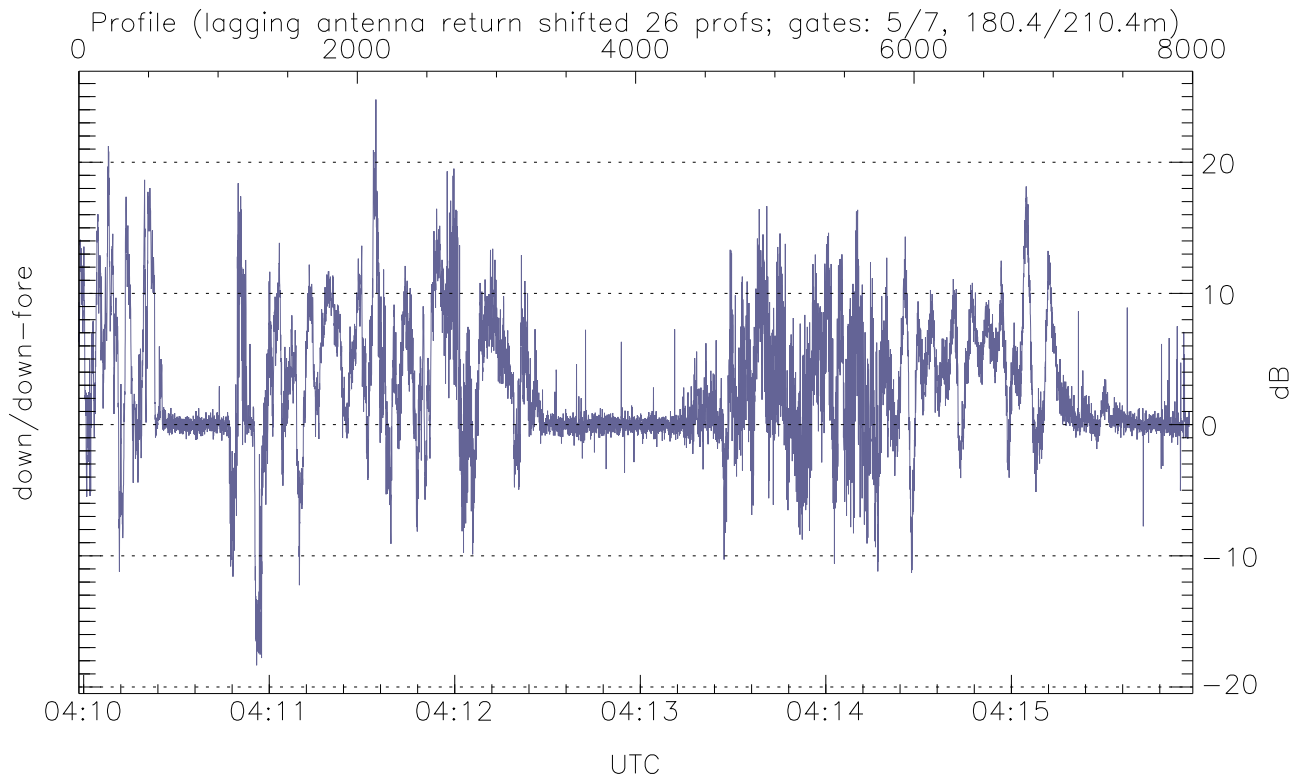
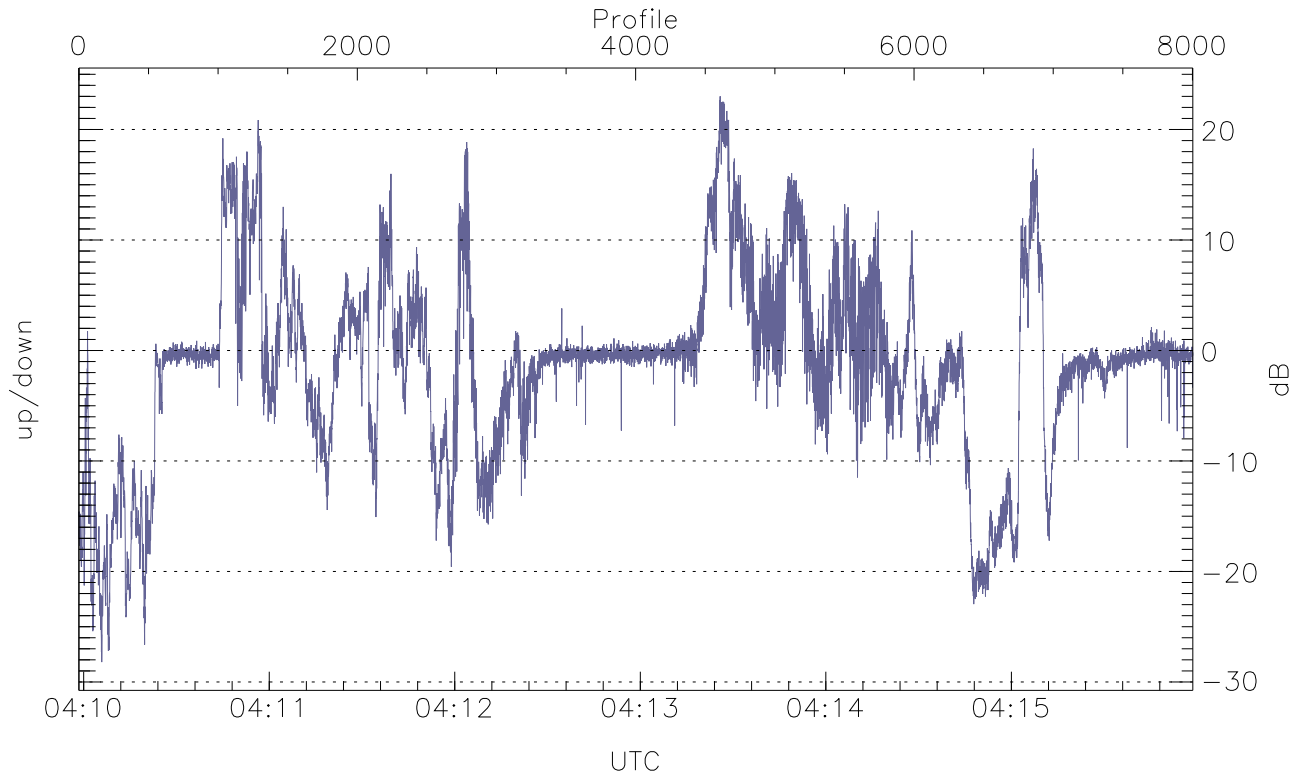


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



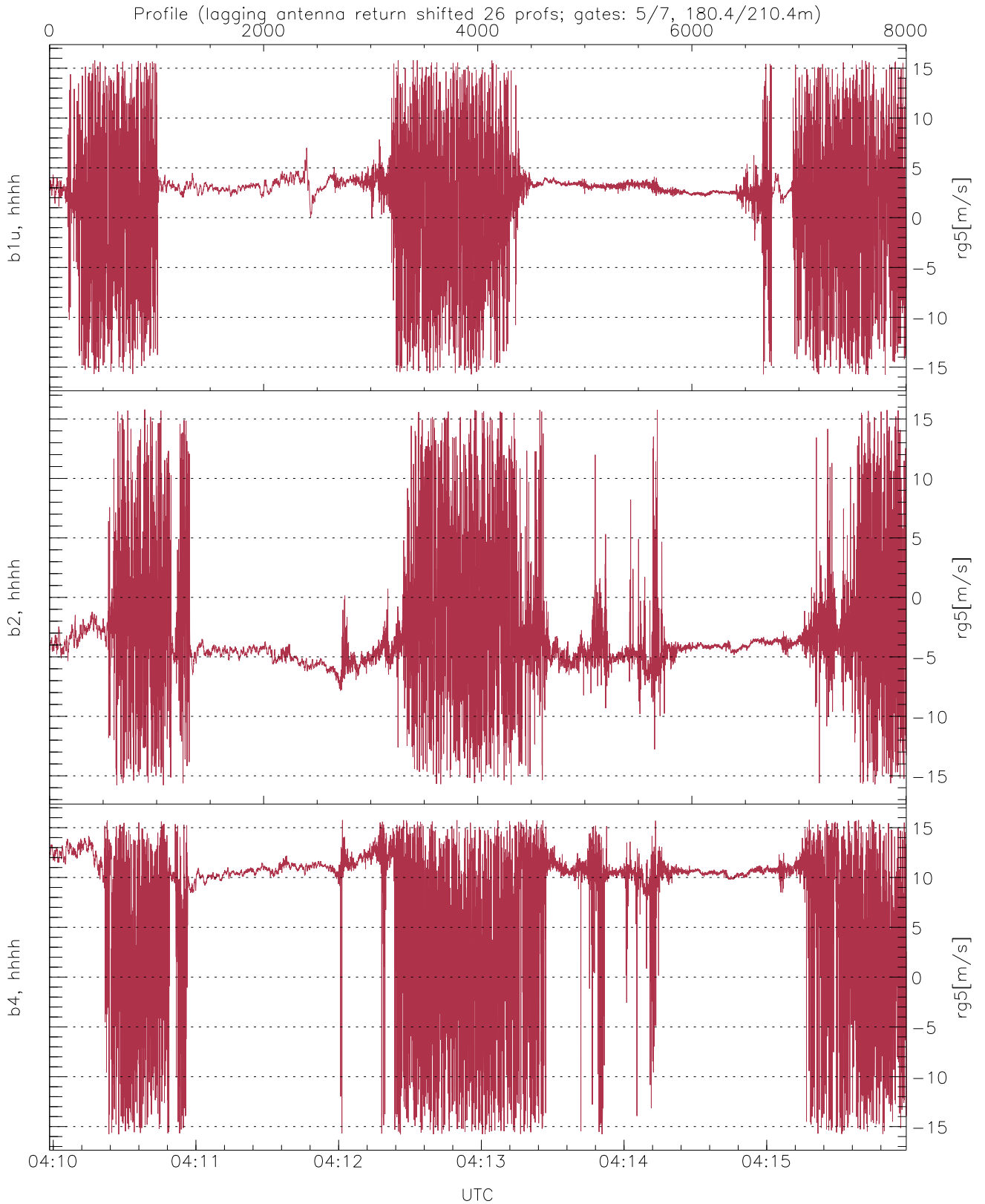
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.20	-28.92	-44.60
down(hh[dBm])	-65.88	-26.27	-42.18
down-fore(hh[dBm])	-65.75	-30.00	-45.96



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

	Min	Max	Mean
up/down (dB)	-28.20	23.01	-1.25
down/down-fore (dB)	-18.34	24.78	2.76



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.23	5.15
b2, hhhh(rg5[m/s])	-15.78	15.79	-3.21	4.70
b4, hhhh(rg5[m/s])	-15.78	15.79	7.48	7.36