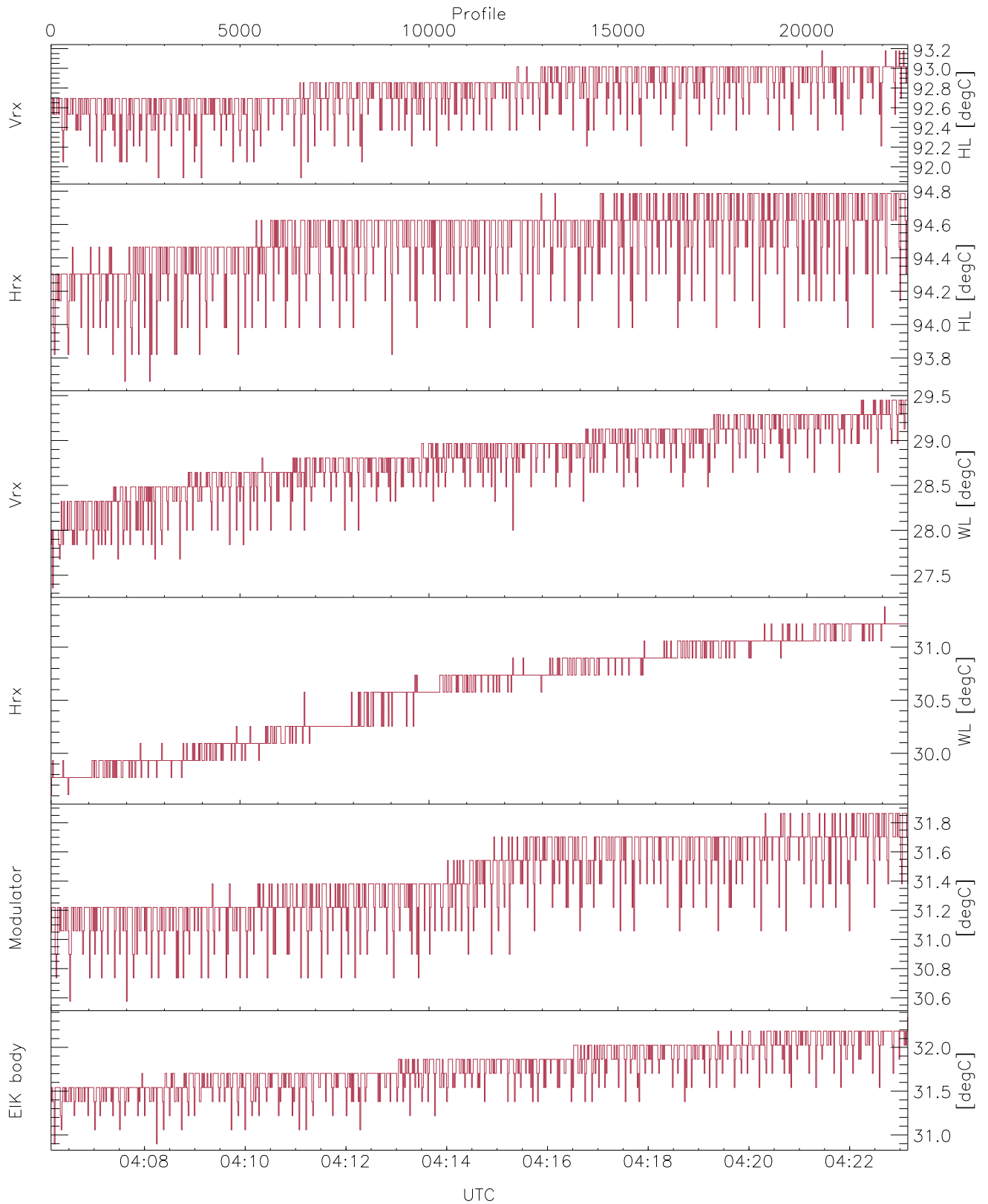


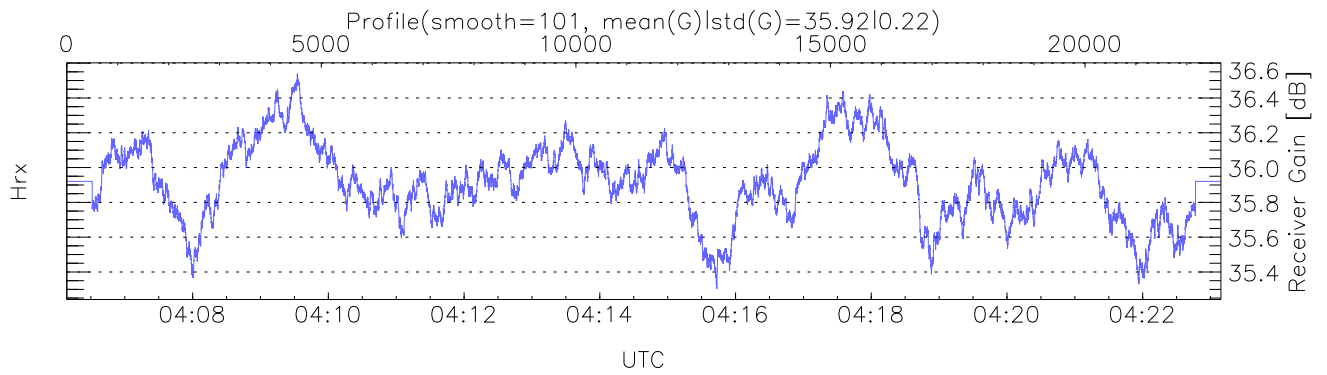
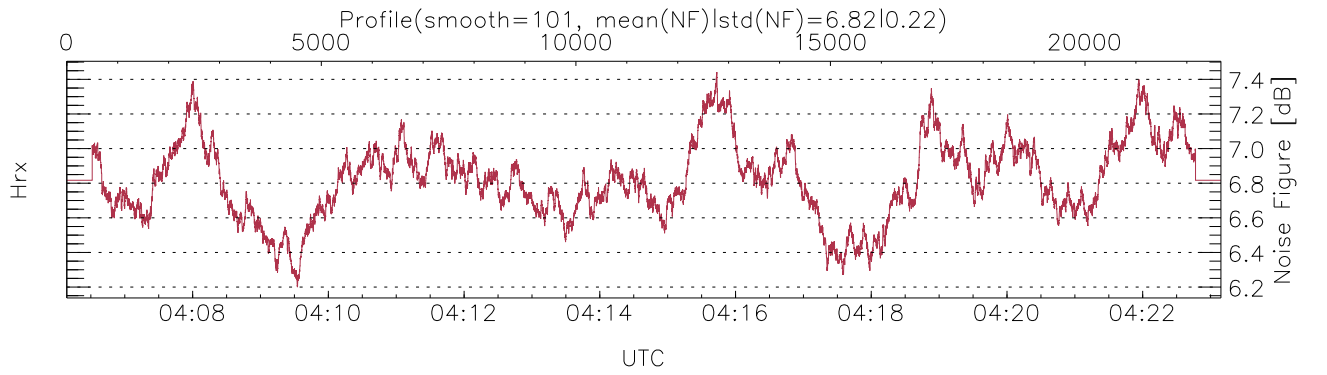
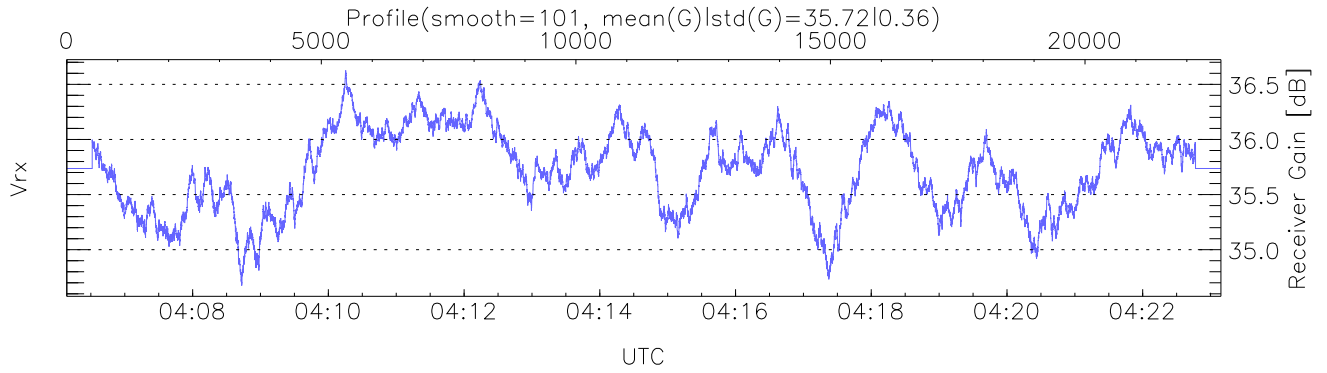
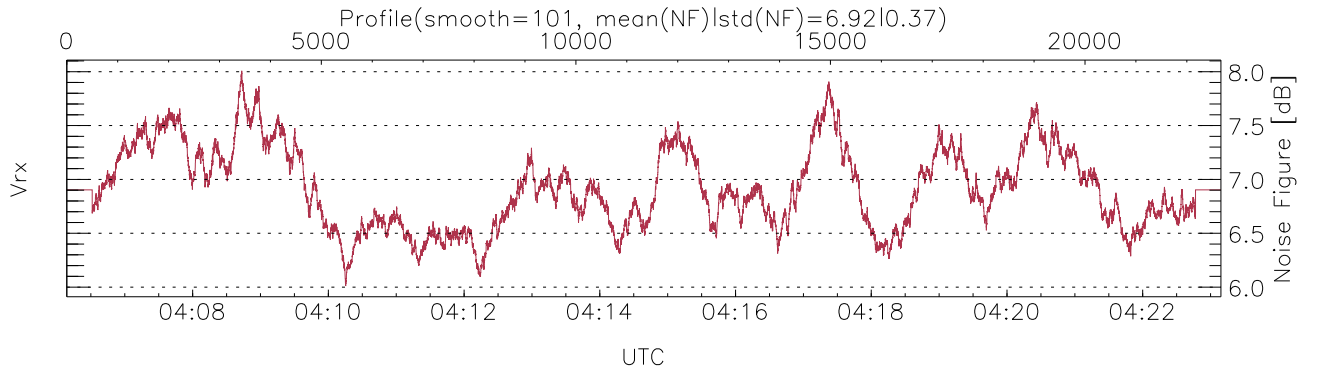
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:06:09-04:23:09, 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, 0-22671/04:06:09-04:23:09
 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



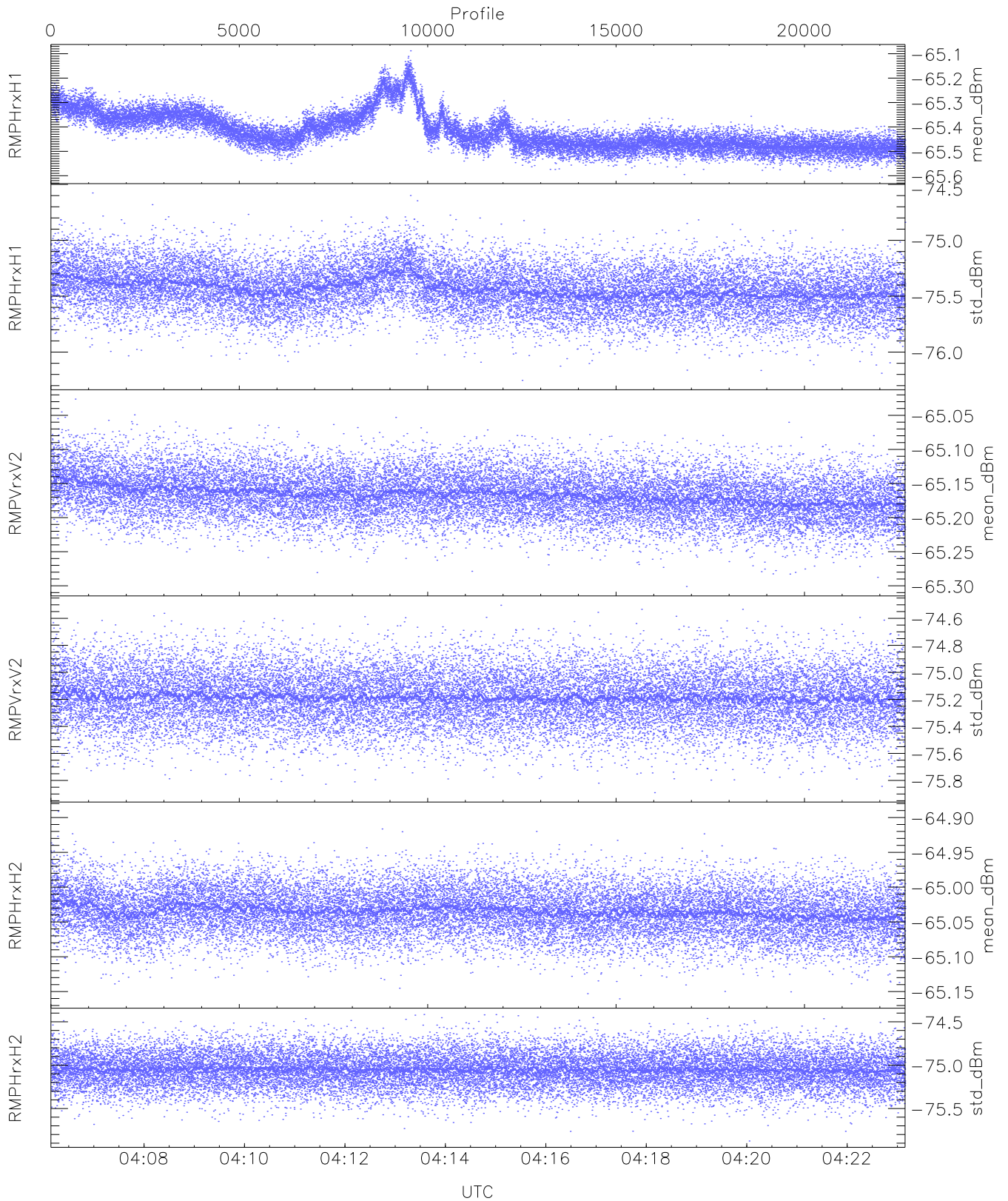
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,27,29,30,30
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,31,31,32
 LOalarm(20,240,2817,14861 MHz): 0,0,24,0
 EIK Faults(# prof affected):
 DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (24,24,24,24,24,24)



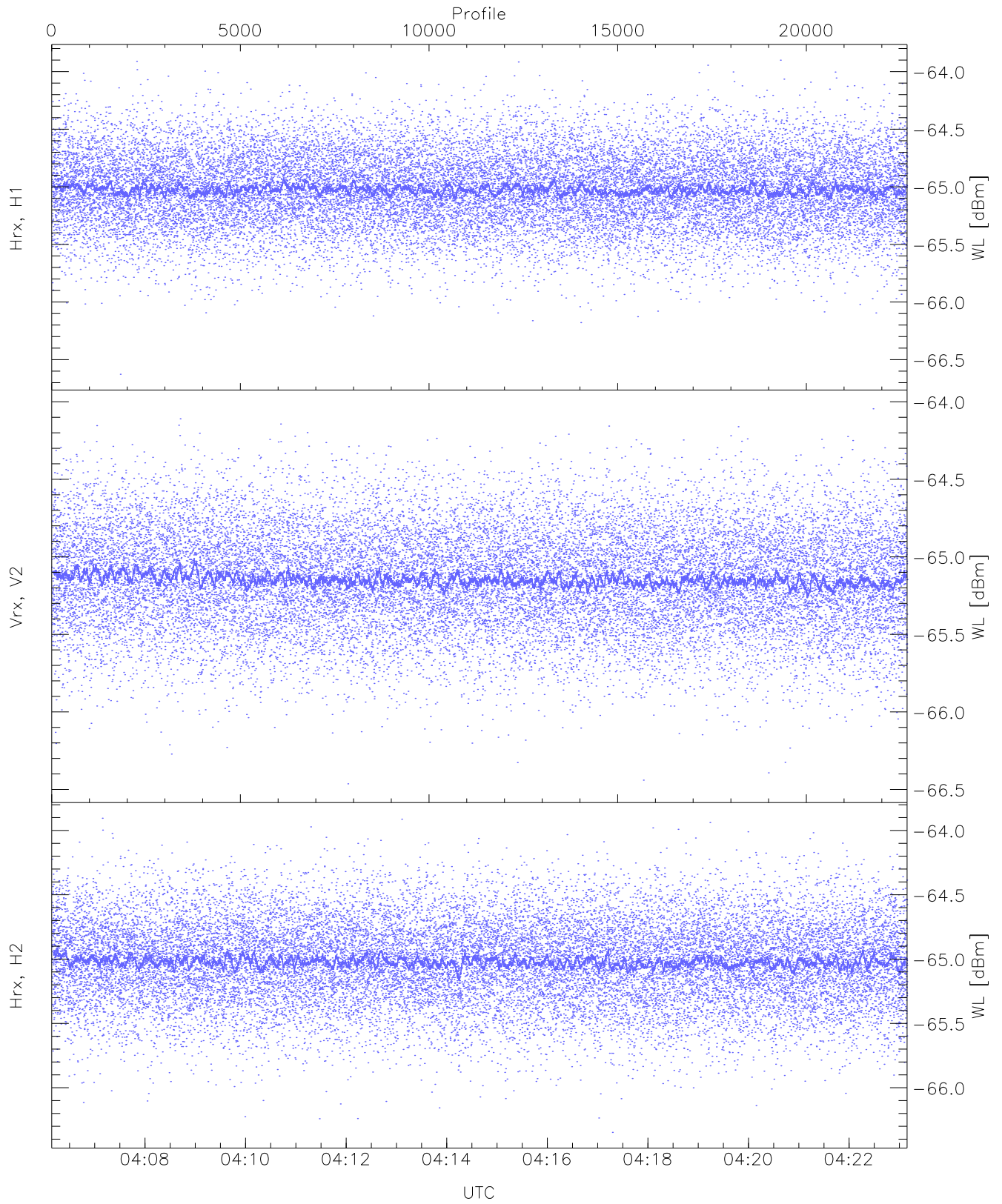
WCR3 CPP Receivers Gain and Noise Figure

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



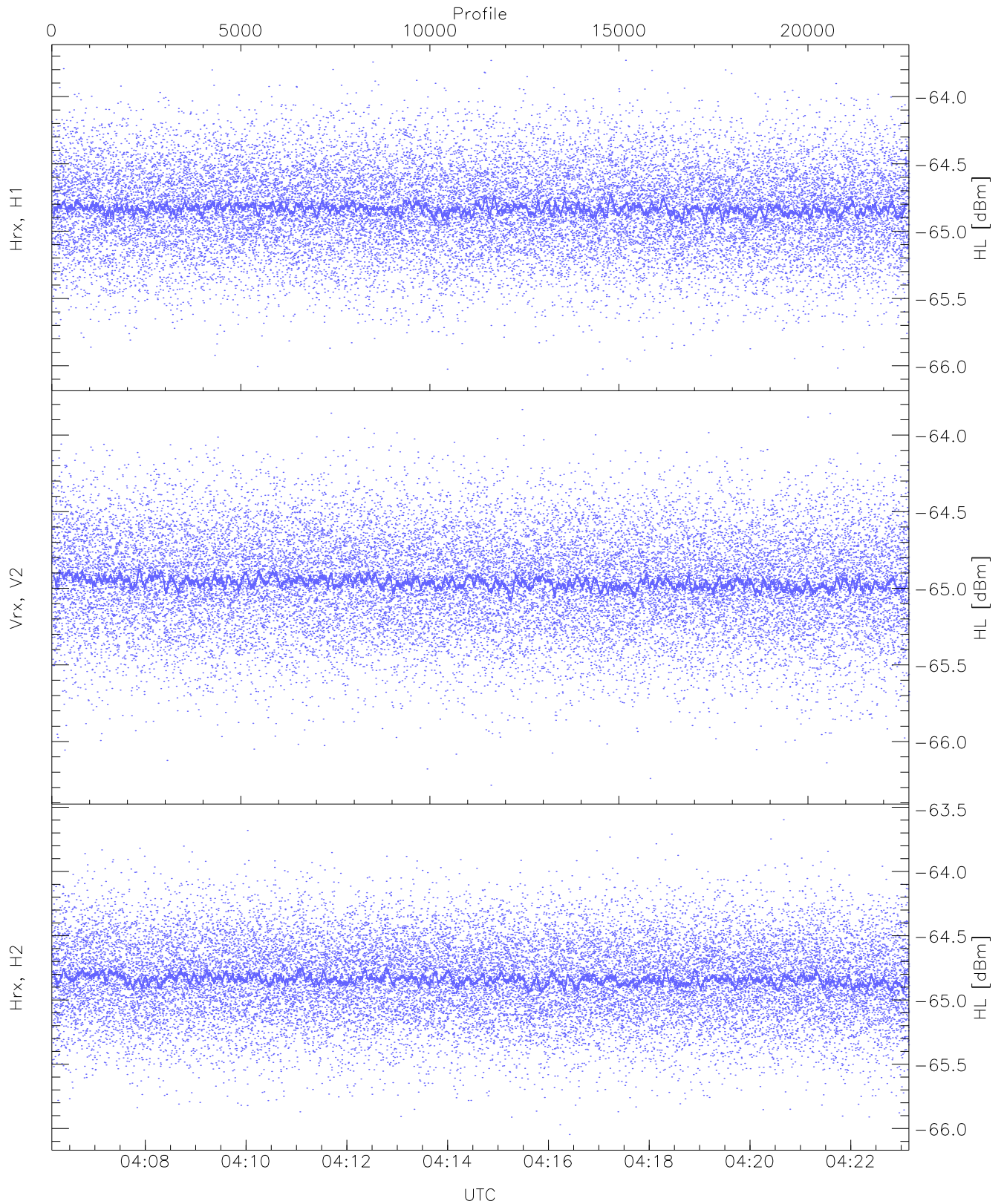
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.61	-65.09	-65.42	-65.44	-83.03
RMPHrxH1(std_dBm)	-76.25	-74.58	-75.43	-75.44	-88.97
RMPVrxV2(mean_dBm)	-65.30	-65.03	-65.17	-65.17	-86.59
RMPVrxV2(std_dBm)	-75.89	-74.50	-75.18	-75.19	-88.96
RMPHrxH2(mean_dBm)	-65.16	-64.89	-65.04	-65.04	-86.56
RMPHrxH2(std_dBm)	-75.87	-74.42	-75.05	-75.05	-88.84



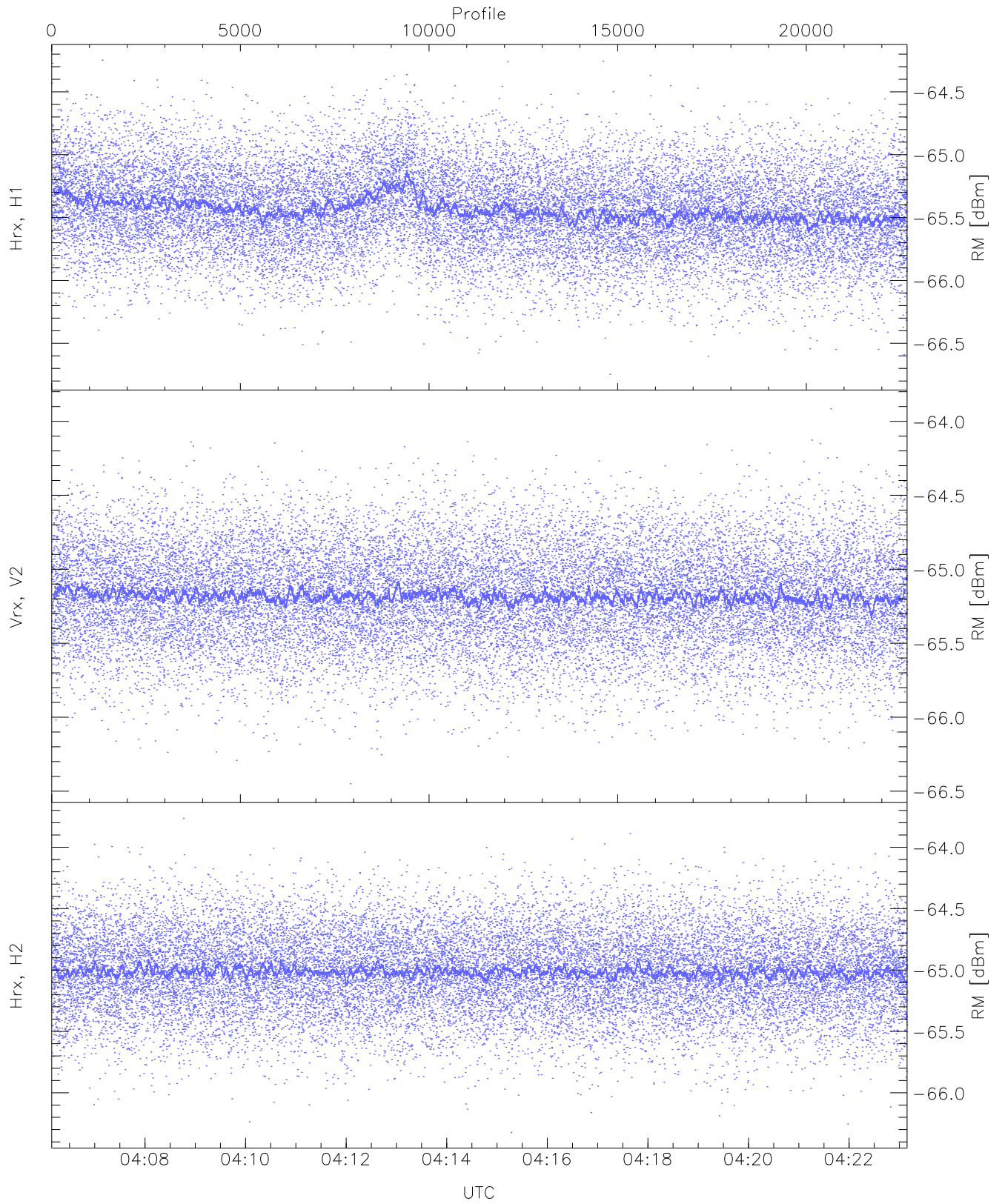
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.63	-63.90	-65.02	-65.03	-76.52
Vrx, V2 (WL [dBm])	-66.46	-64.05	-65.14	-65.15	-76.66
Hrx, H2 (WL [dBm])	-66.35	-63.91	-65.01	-65.02	-76.51



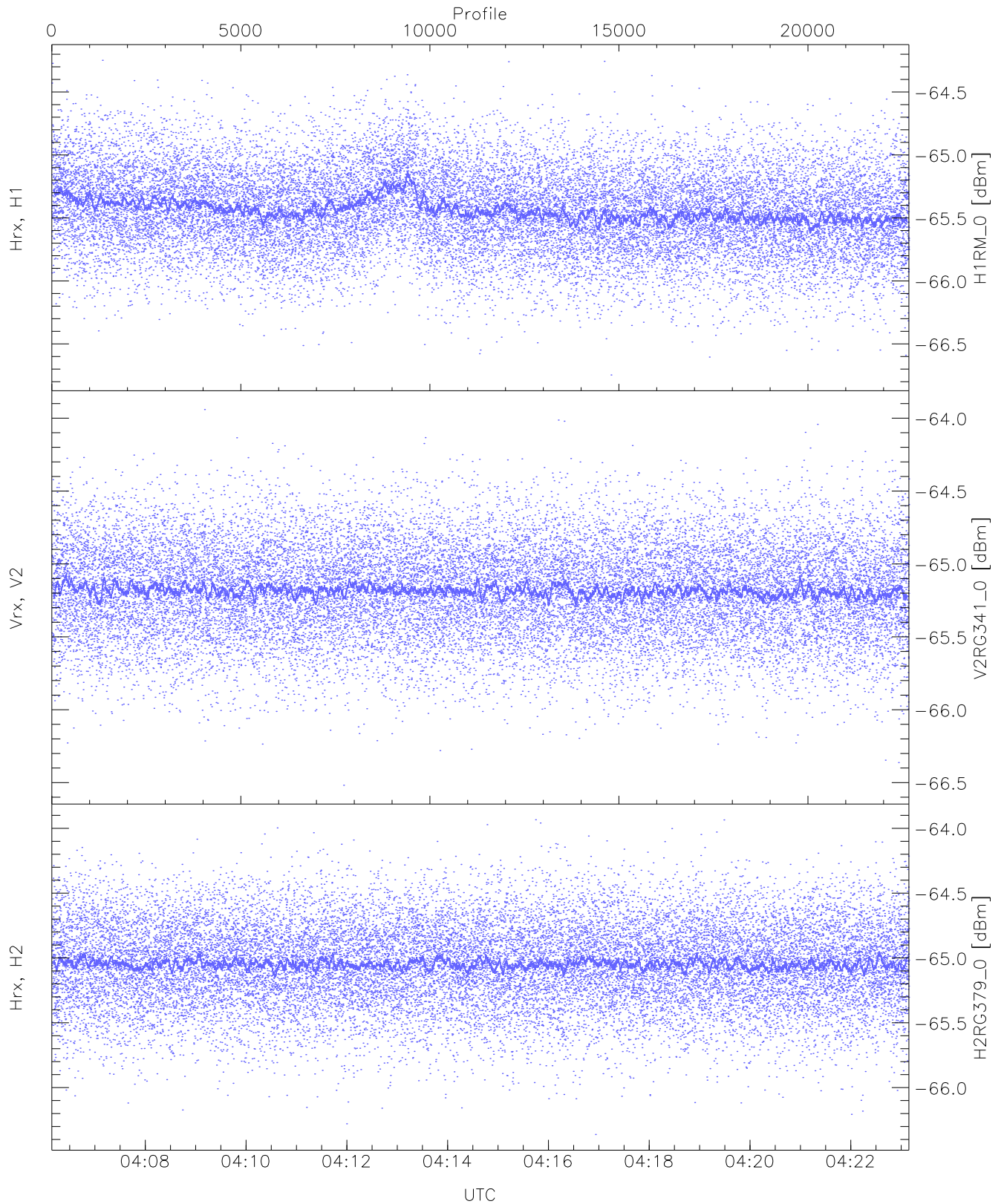
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.07	-63.73	-64.83	-64.83	-76.33
Vrx, V2 (HL [dBm])	-66.29	-63.83	-64.96	-64.96	-76.45
Hrx, H2 (HL [dBm])	-66.05	-63.60	-64.83	-64.84	-76.35



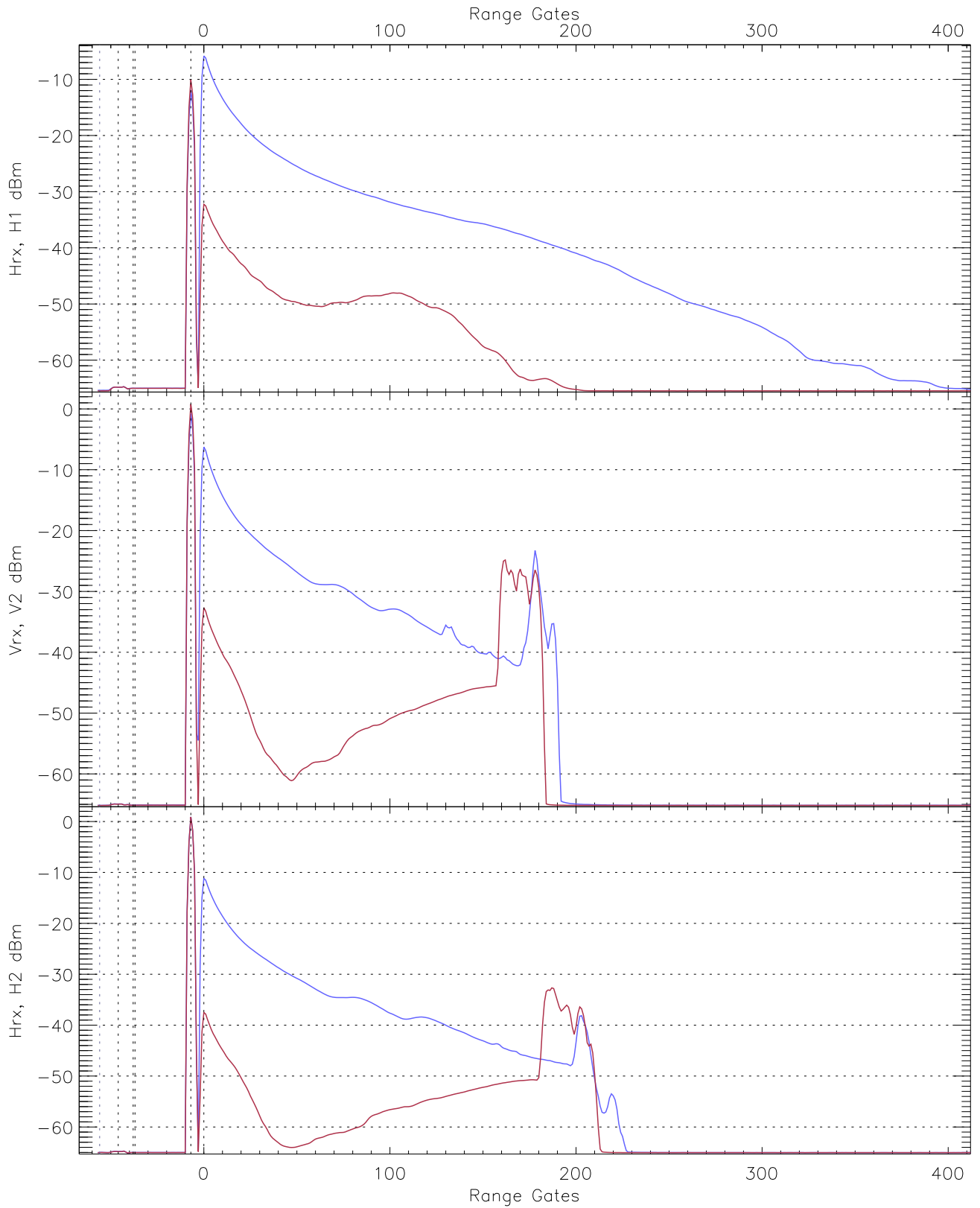
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.75	-64.25	-65.43	-65.44	-76.81
Vrx, V2 (RM [dBm])	-66.45	-63.92	-65.18	-65.18	-76.70
Hrx, H2 (RM [dBm])	-66.32	-63.76	-65.01	-65.02	-76.48

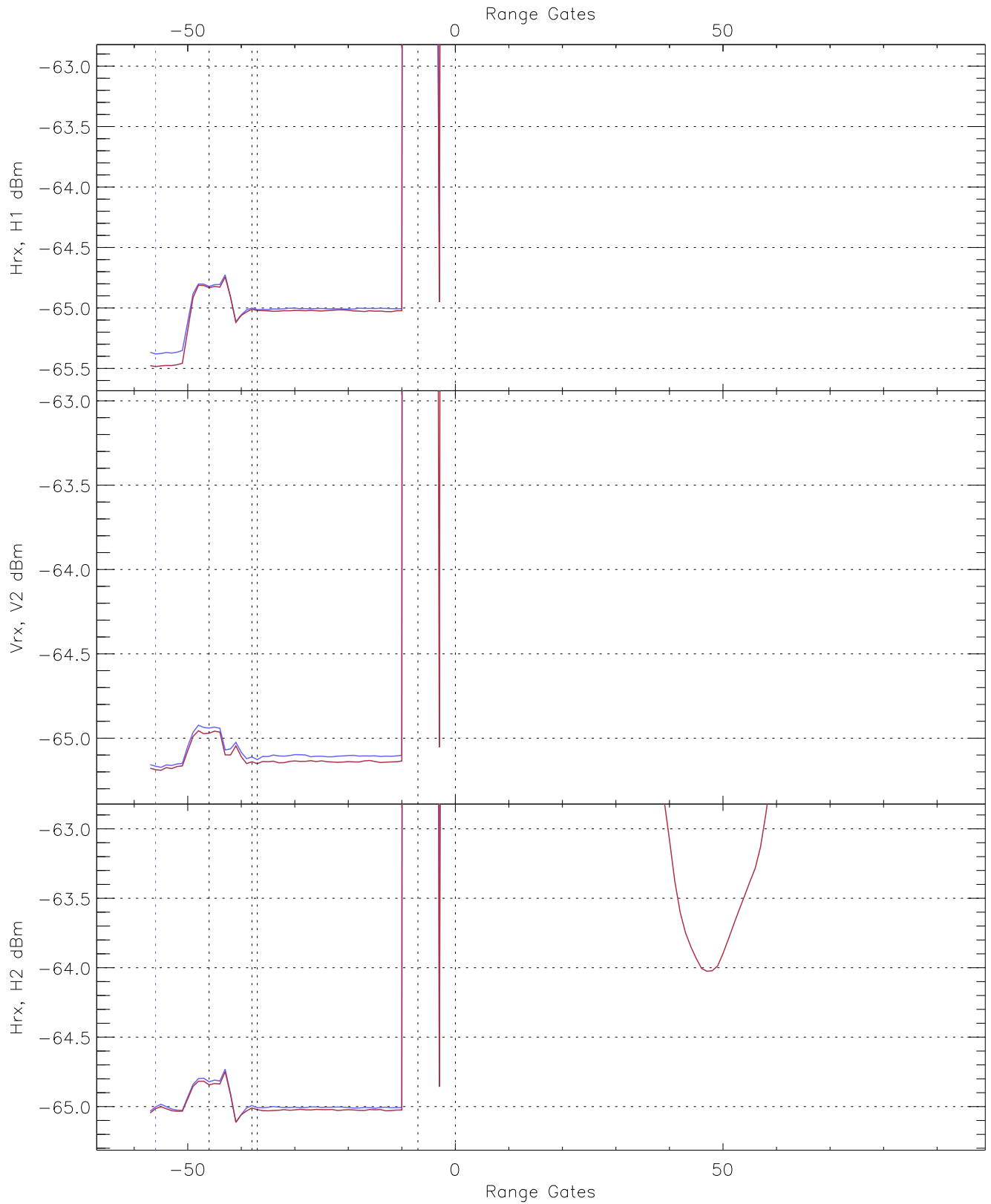


WCR3 CPP "Best" estimate Receivers Noise Power

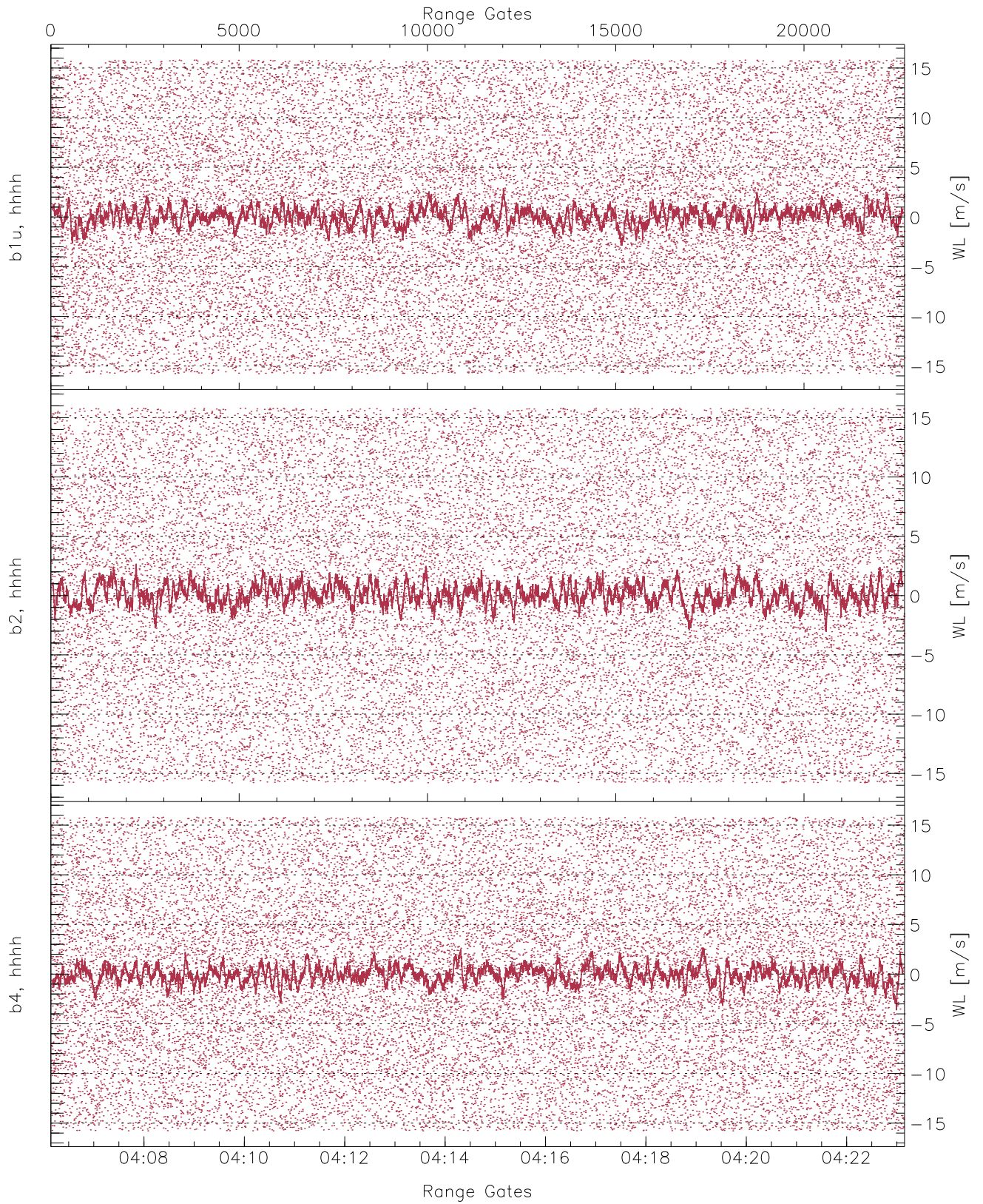
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.75	-64.25	-65.43	-65.44	-76.81
V2RG341_0 [dBm]	-66.52	-63.94	-65.18	-65.18	-76.69
H2RG379_0 [dBm]	-66.36	-63.93	-65.04	-65.05	-76.53



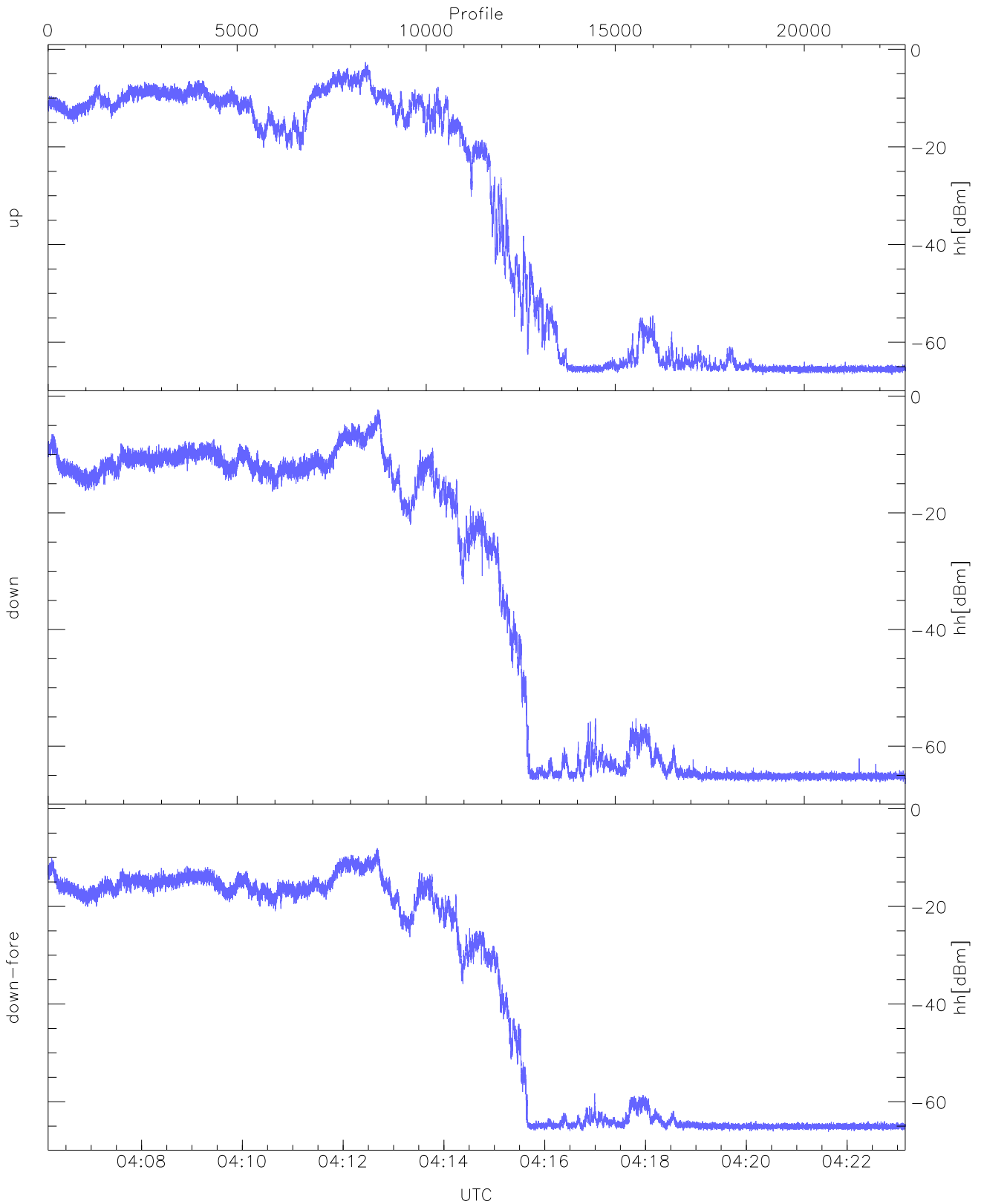
WCR3 CPP Averaged Received power for all recorded gates
blue: 040609-041439, 11337 profiles averaged
red: 041439-042309, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 040609-041439, 11337 profiles averaged
red: 041439-042309, 11336 profiles averaged

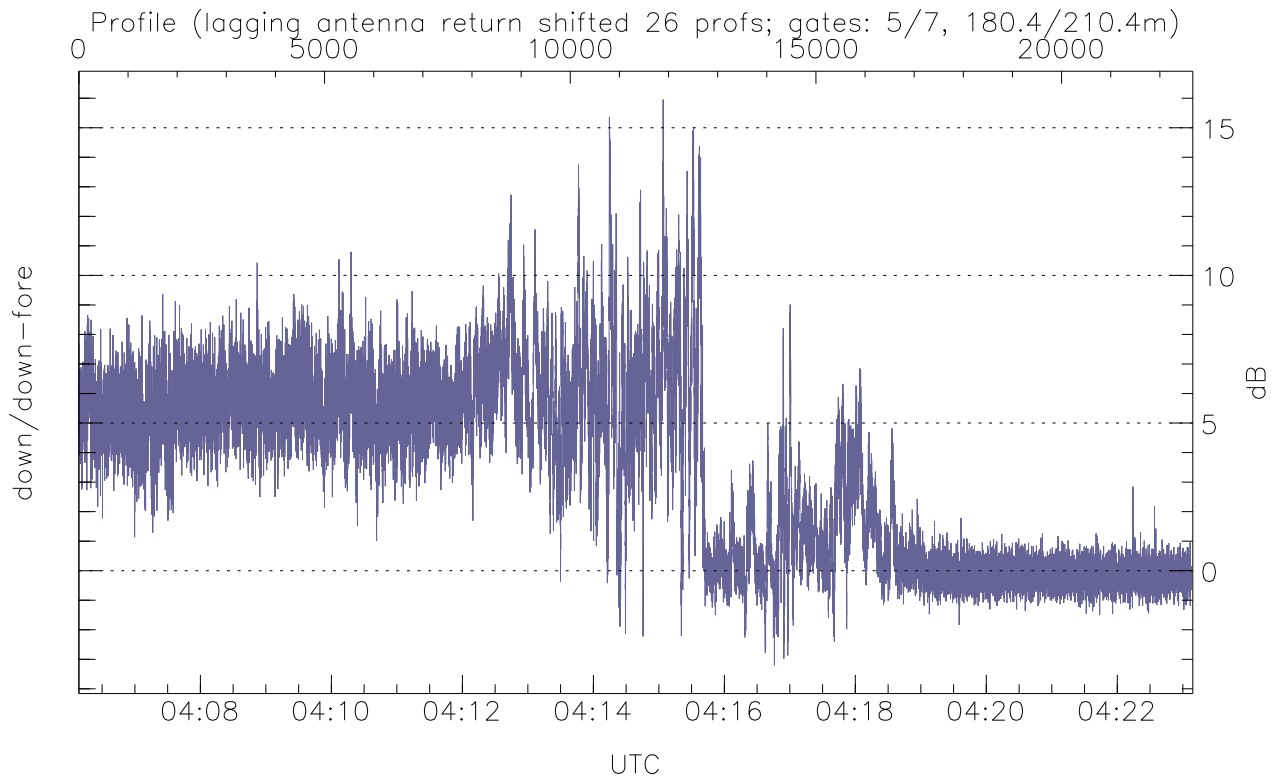
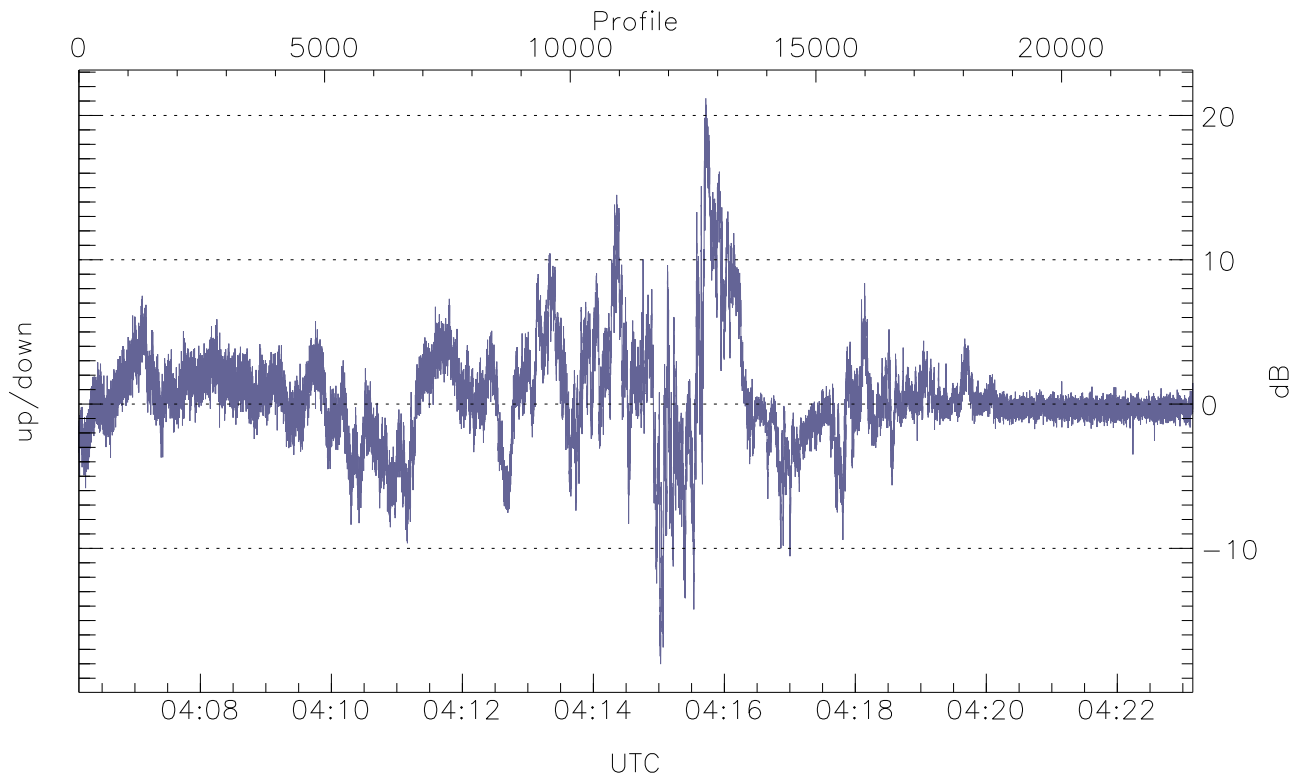


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



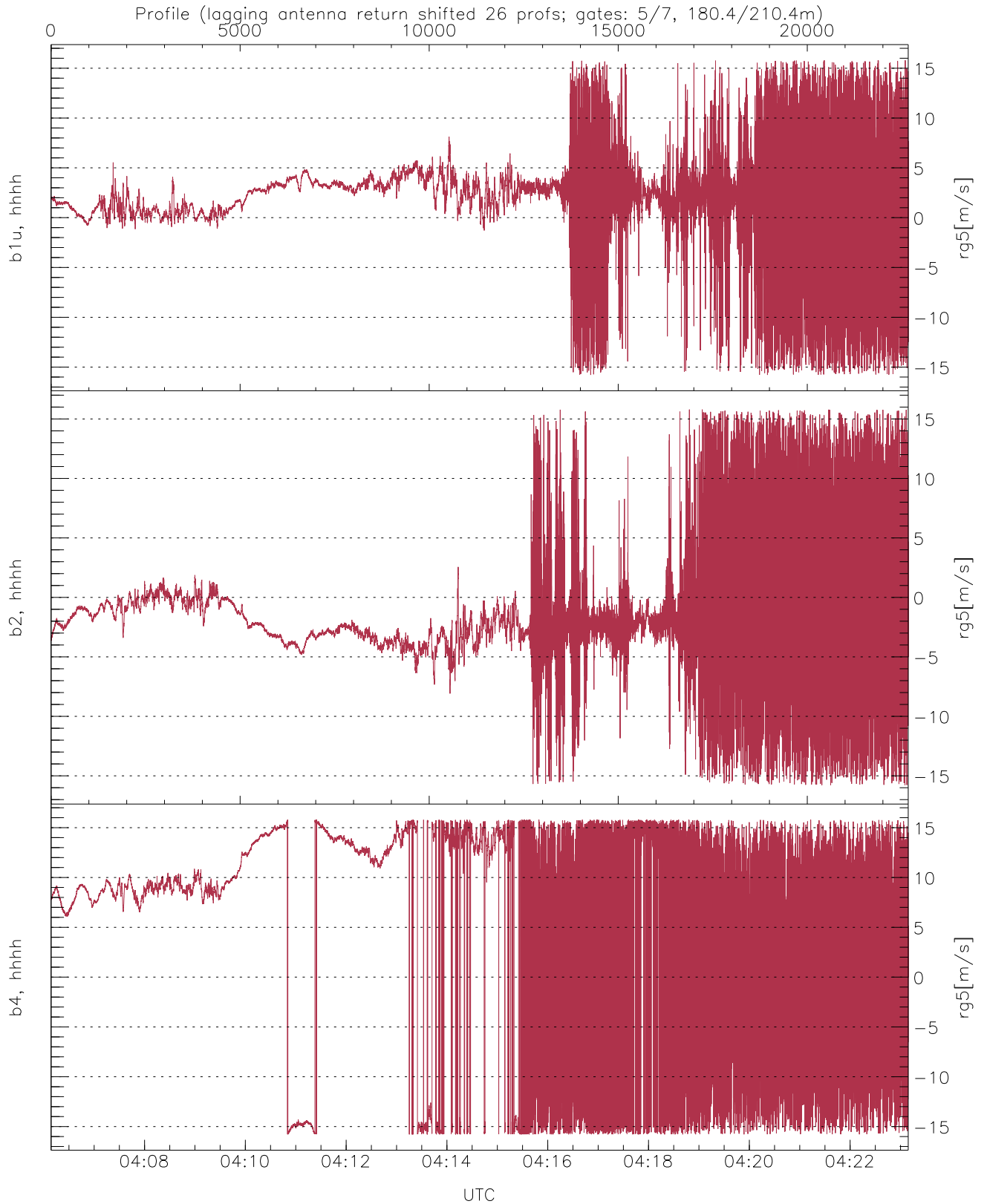
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.71	-2.65	-13.08
down(hh[dBm])	-66.46	-2.27	-13.80
down-fore(hh[dBm])	-66.13	-8.09	-18.26



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

	Min	Max	Mean
up/down (dB)	-18.02	21.19	0.49
down/down-fore (dB)	-3.20	15.96	3.48



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.77	4.45
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.65	4.56
b4, hhhh(rg5[m/s])	-15.79	15.79	4.72	10.70