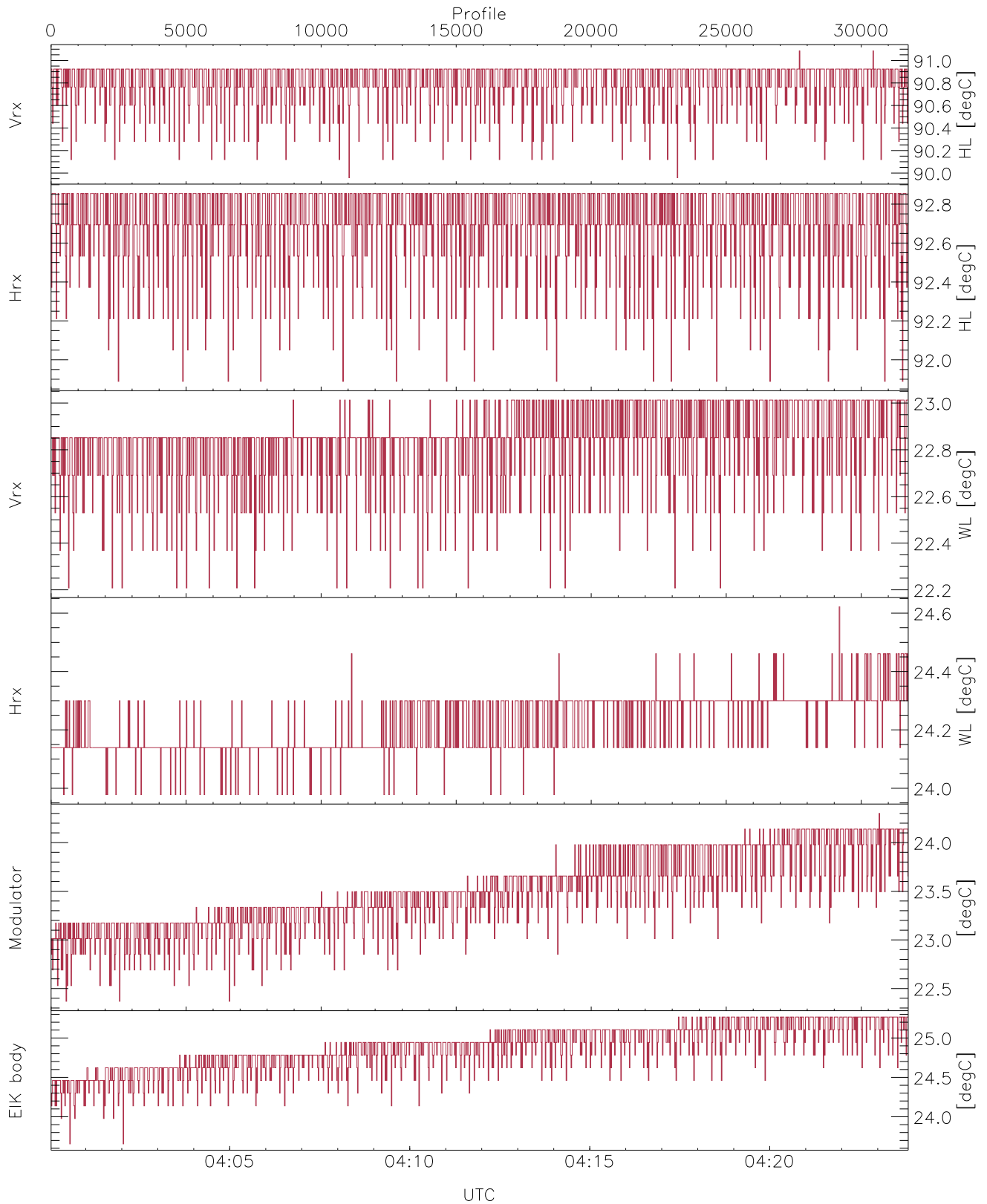


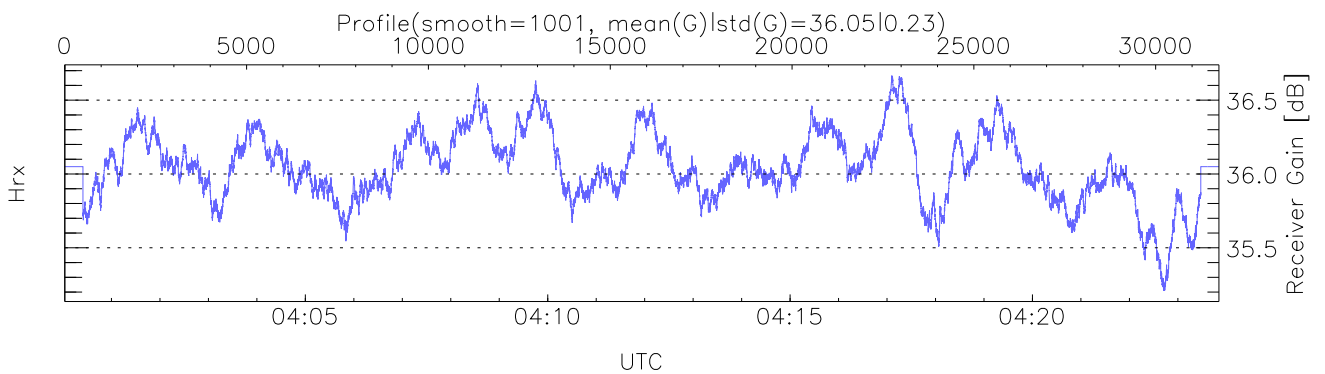
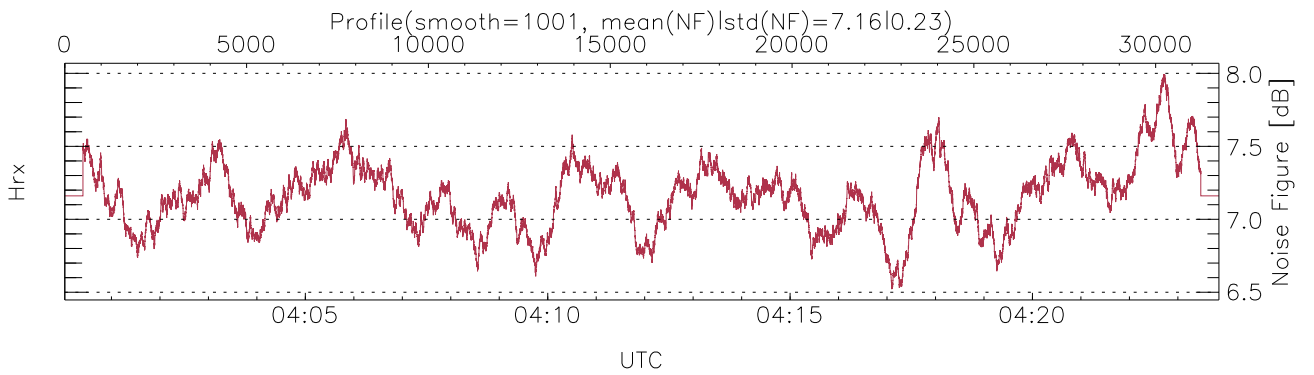
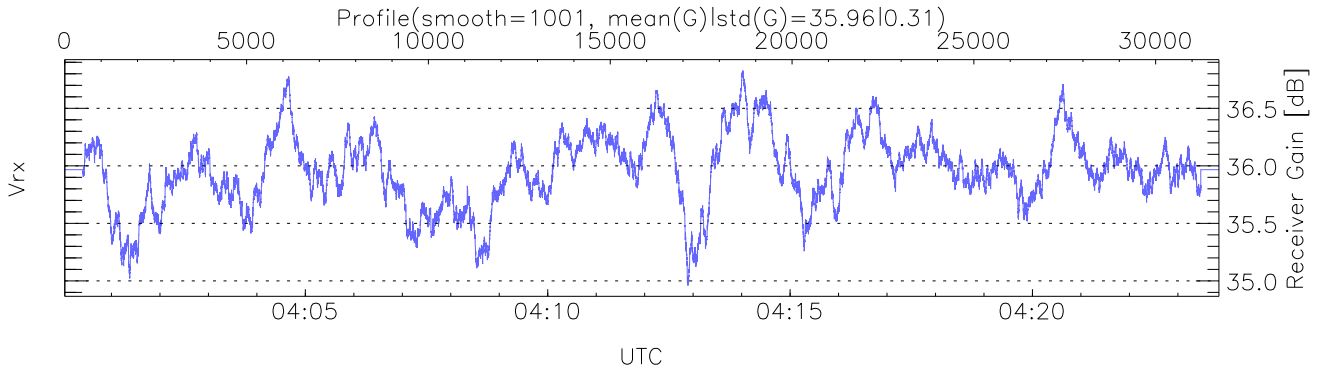
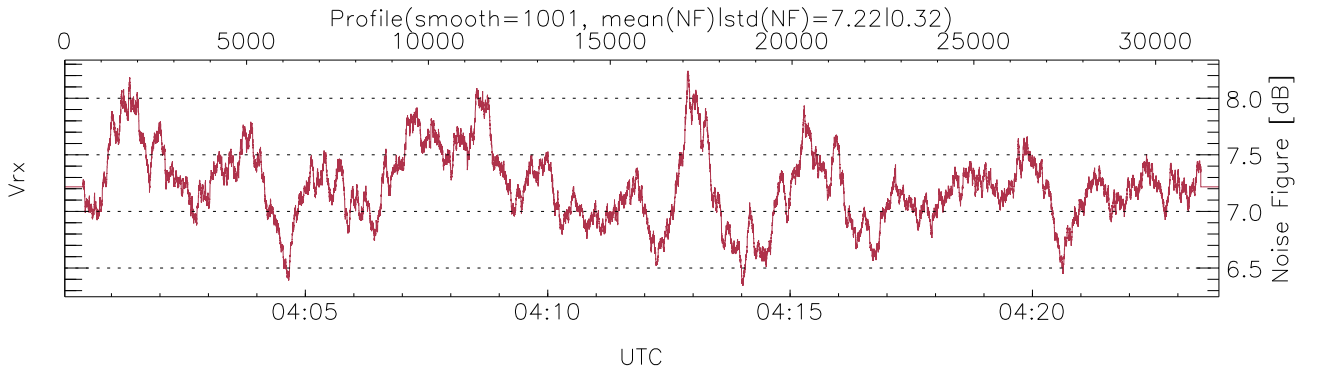
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:00:02-04:23:51, TimeCor: 0.00s, Dur: 1428.66s
 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): 31741/31741, 0-31740/04:00:02-04:23:51
 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



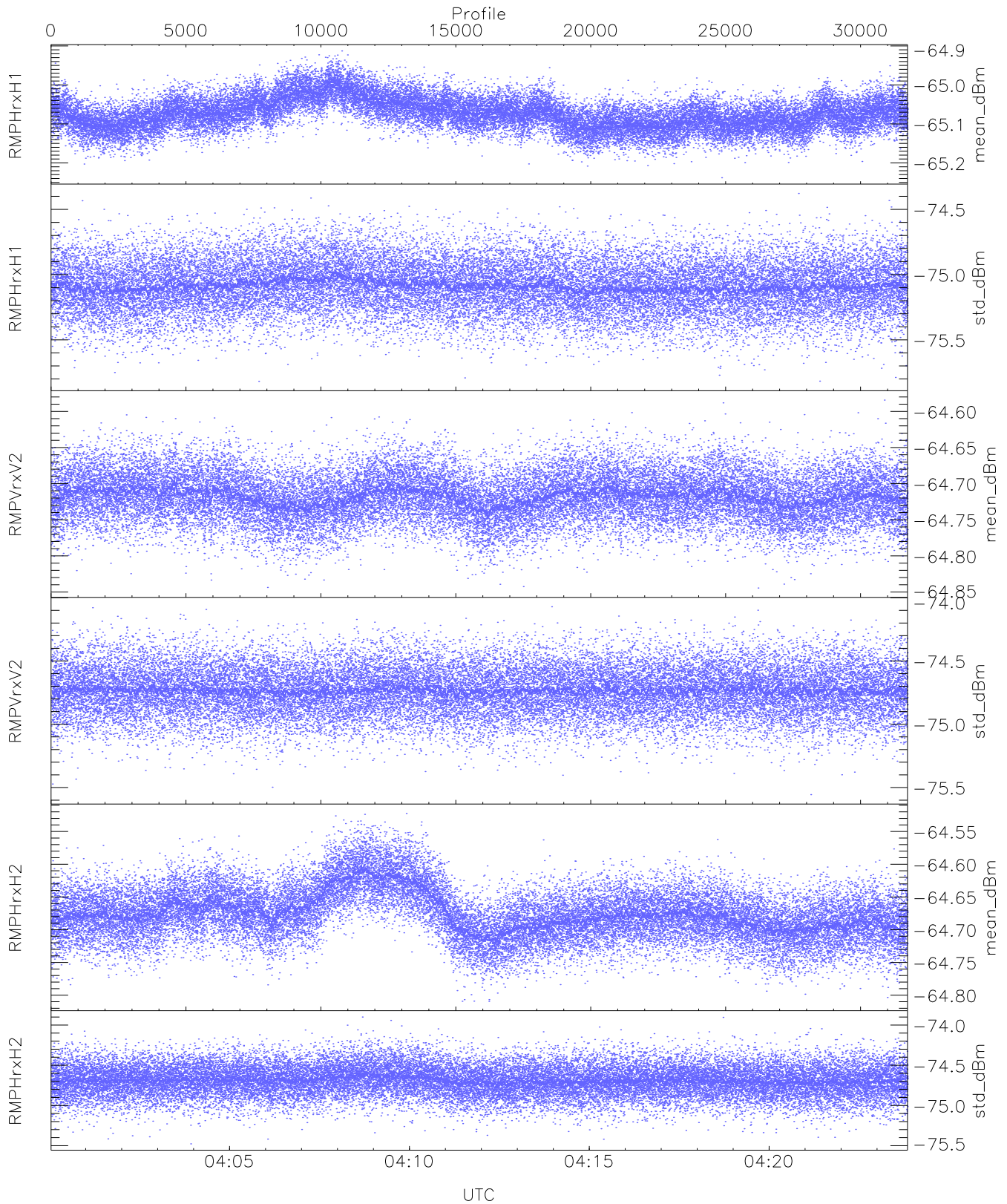
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,22,23,22,23
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,24,24,25
 LOalarm(20,240,2817,14861 MHz): 0,0,22,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (92,92,92,68,92,92,92,46)



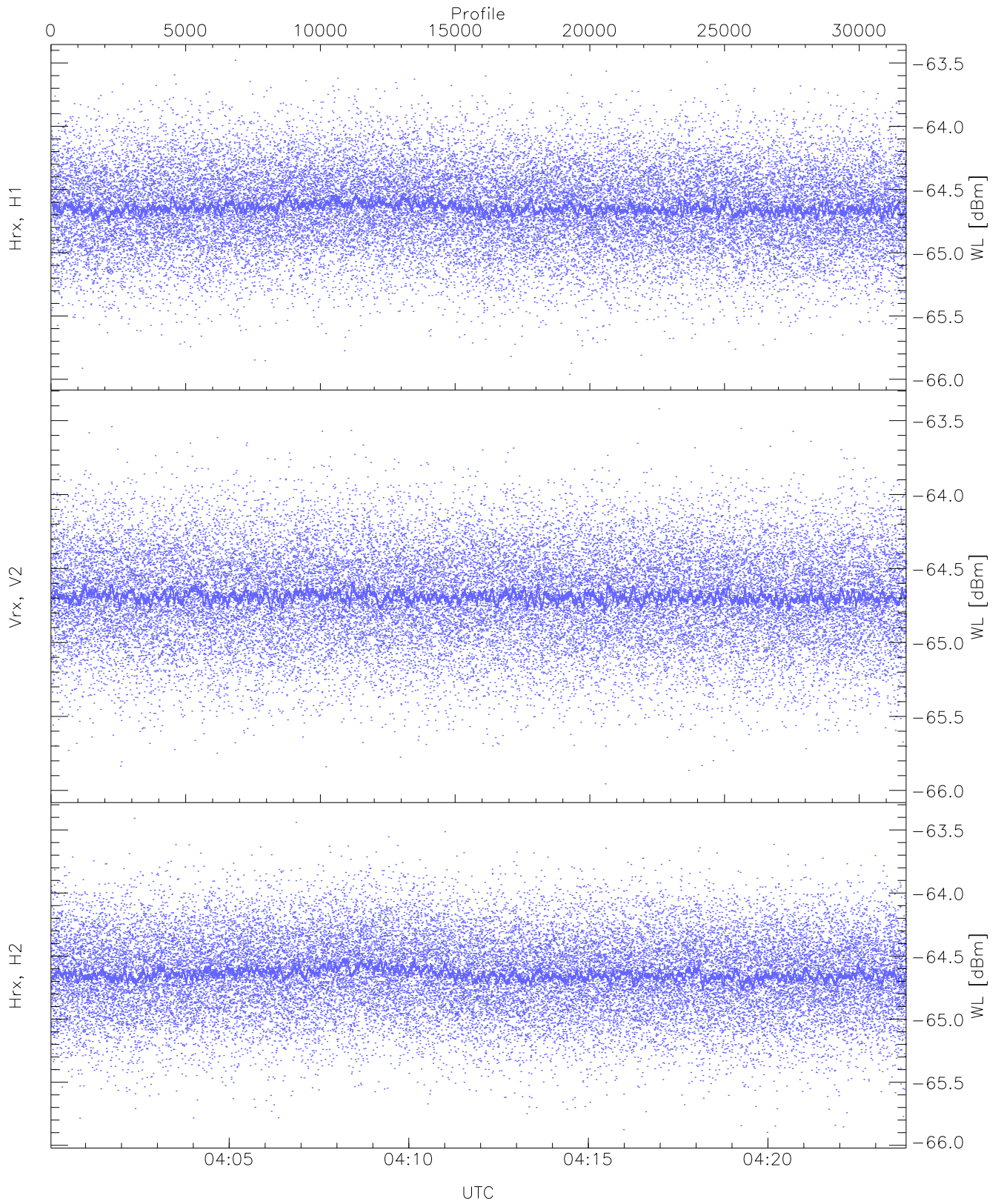
WCR3 CPP Receivers Gain and Noise Figure

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



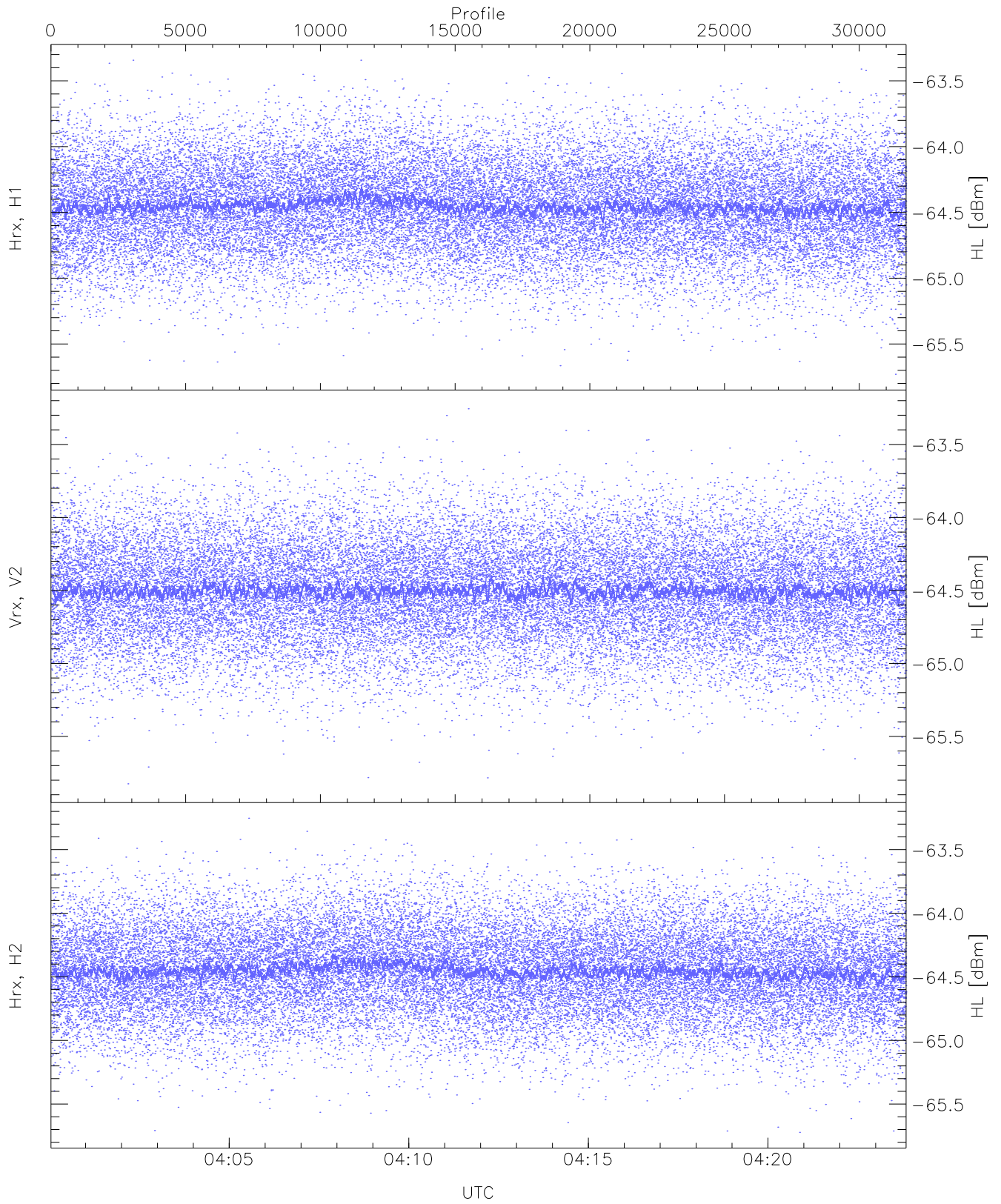
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.24	-64.91	-65.07	-65.08	-85.39
RMPHrxH1(std_dBm)	-75.82	-74.38	-75.09	-75.09	-88.84
RMPVrxV2(mean_dBm)	-64.84	-64.58	-64.72	-64.72	-86.12
RMPVrxV2(std_dBm)	-75.56	-74.07	-74.73	-74.74	-88.55
RMPHrxH2(mean_dBm)	-64.81	-64.52	-64.68	-64.68	-85.21
RMPHrxH2(std_dBm)	-75.48	-73.90	-74.69	-74.69	-88.47



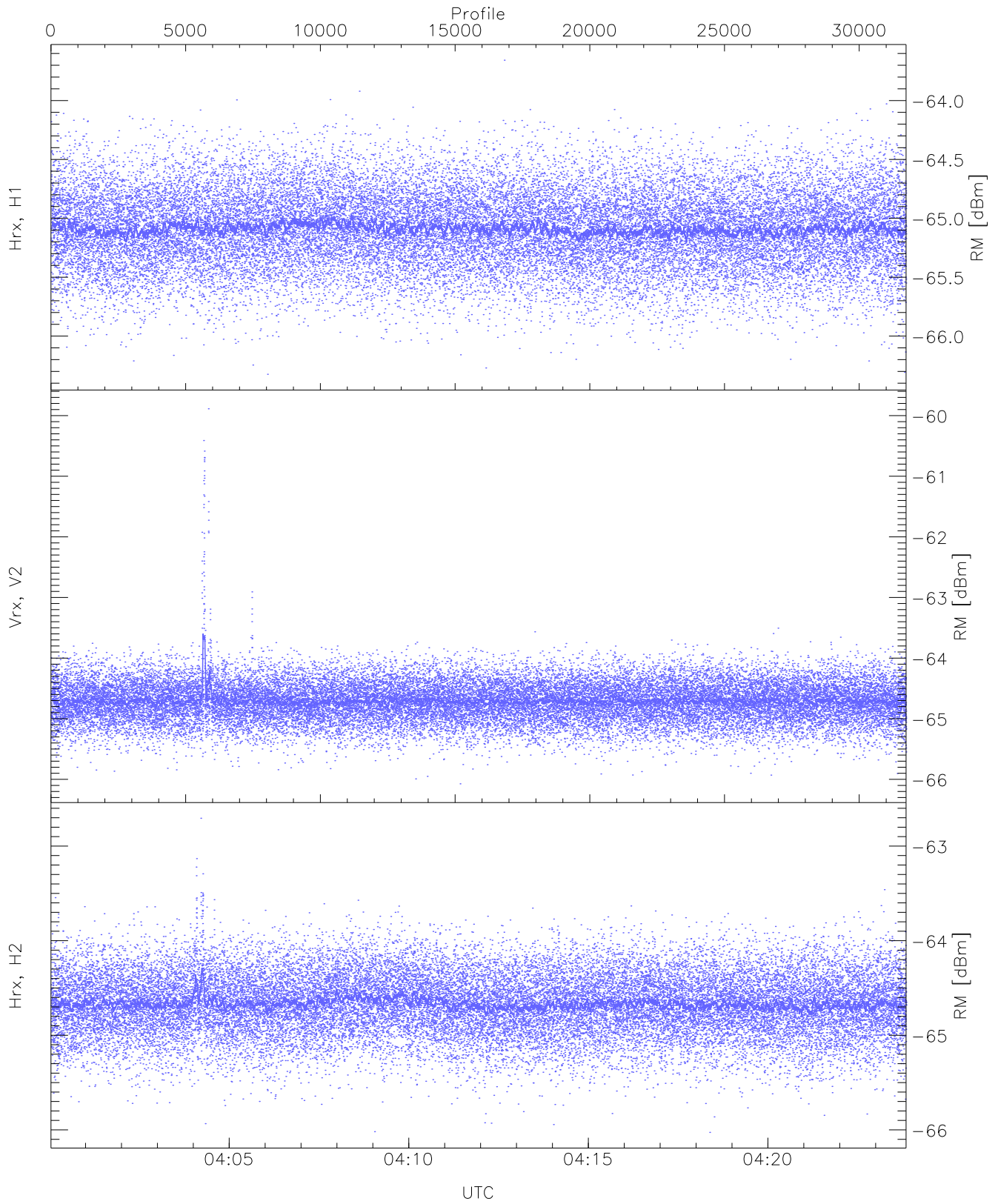
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.96	-63.48	-64.64	-64.64	-76.10
Vrx, V2 (WL [dBm])	-65.96	-63.42	-64.68	-64.69	-76.20
Hrx, H2 (WL [dBm])	-65.90	-63.41	-64.64	-64.64	-76.17



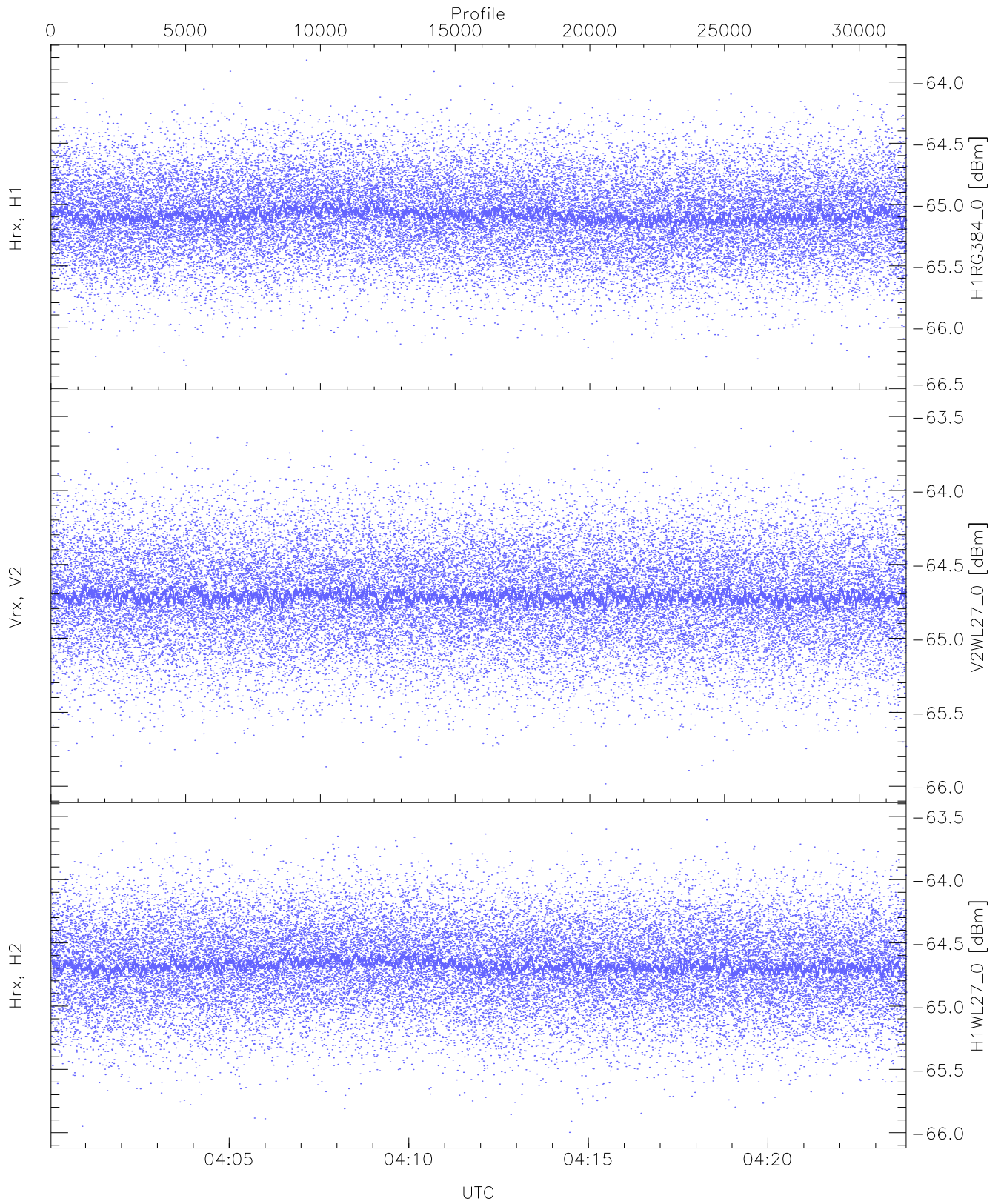
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.73	-63.34	-64.45	-64.46	-75.94
Vrx, V2 (HL [dBm])	-65.82	-63.26	-64.50	-64.50	-75.98
Hrx, H2 (HL [dBm])	-65.72	-63.25	-64.45	-64.46	-75.94



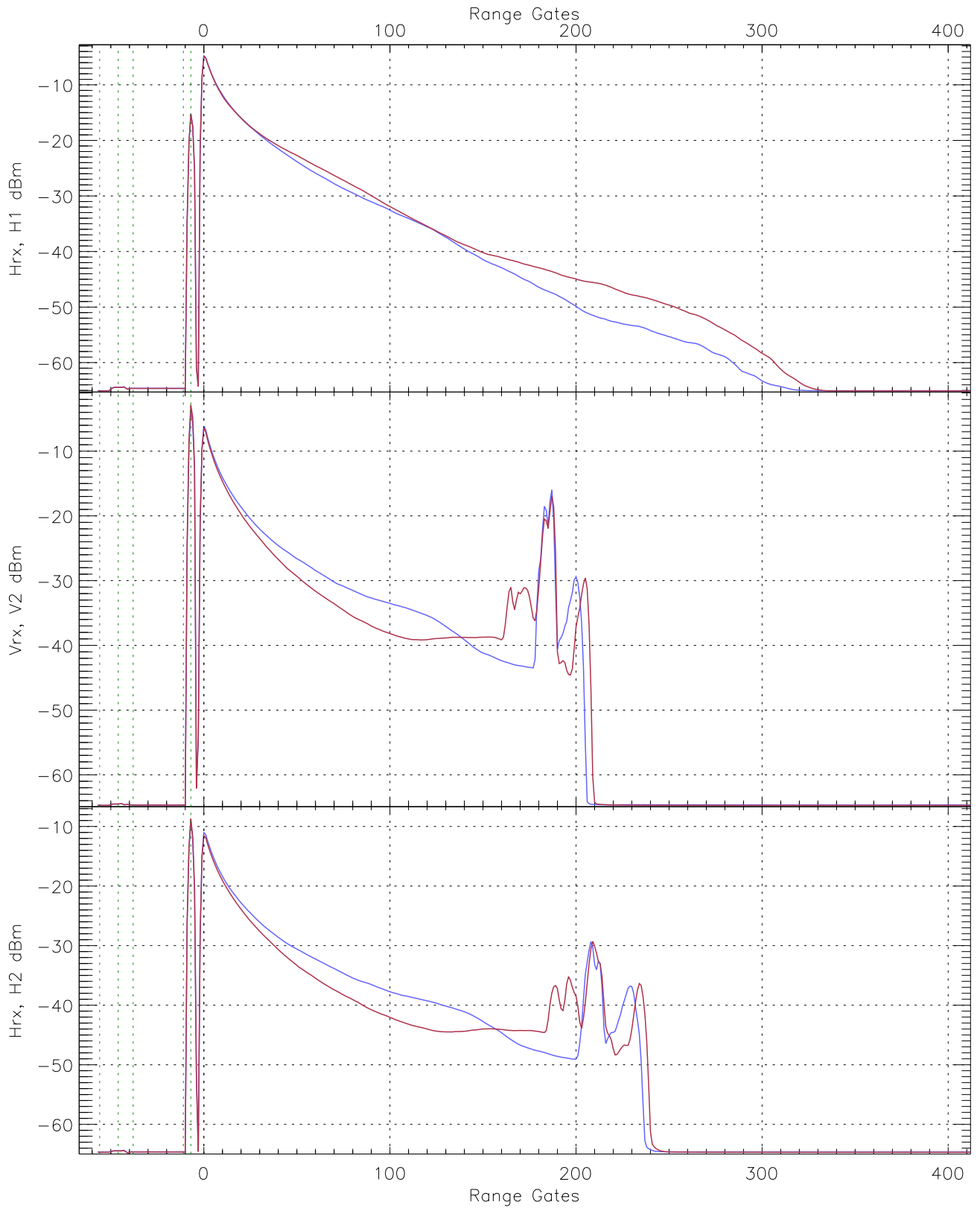
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.32	-63.66	-65.08	-65.09	-76.58
Vrx, V2 (RM [dBm])	-66.07	-59.89	-64.70	-64.72	-75.62
Hrx, H2 (RM [dBm])	-66.03	-62.71	-64.66	-64.67	-76.07

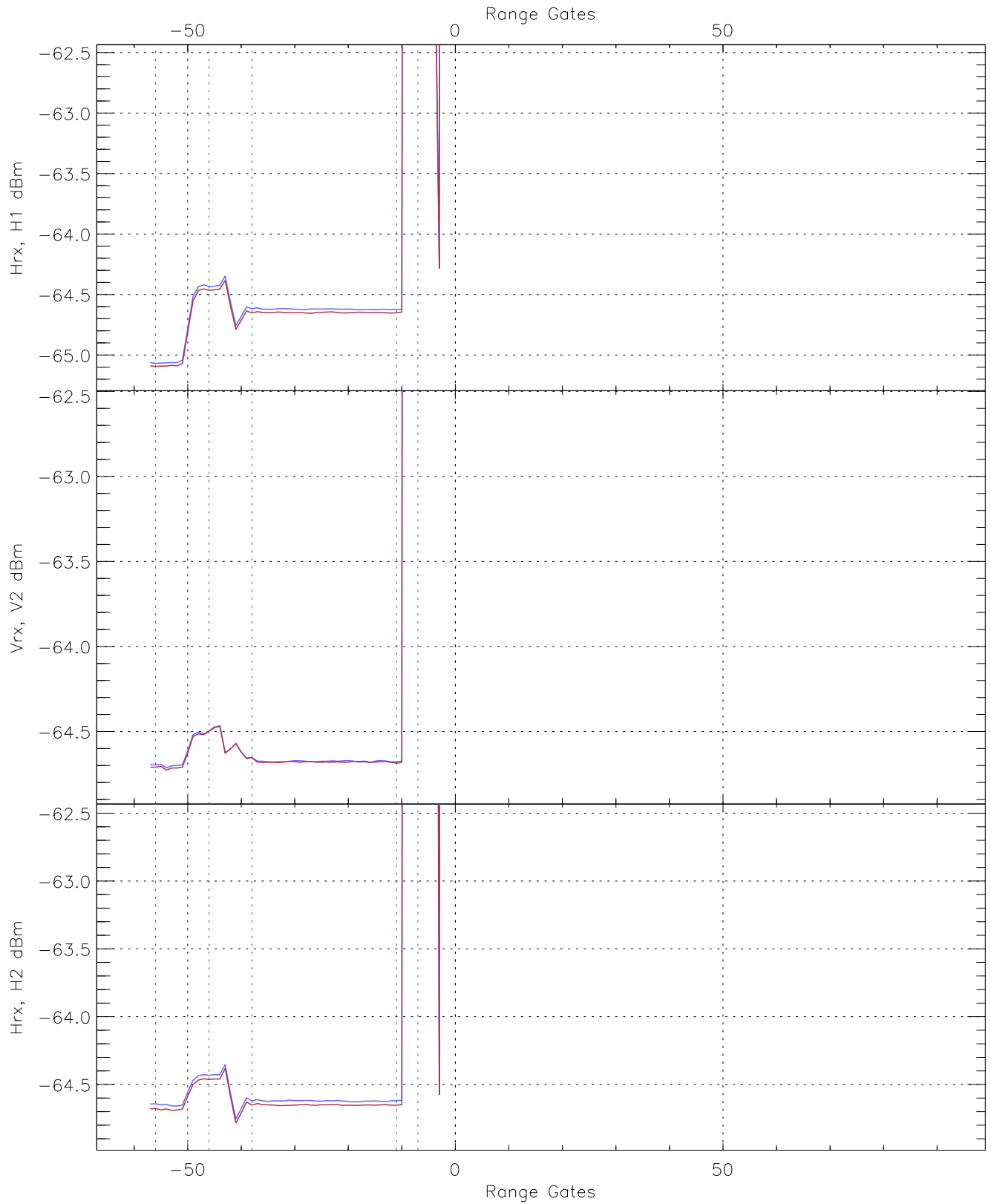


WCR3 CPP "Best" estimate Receivers Noise Power

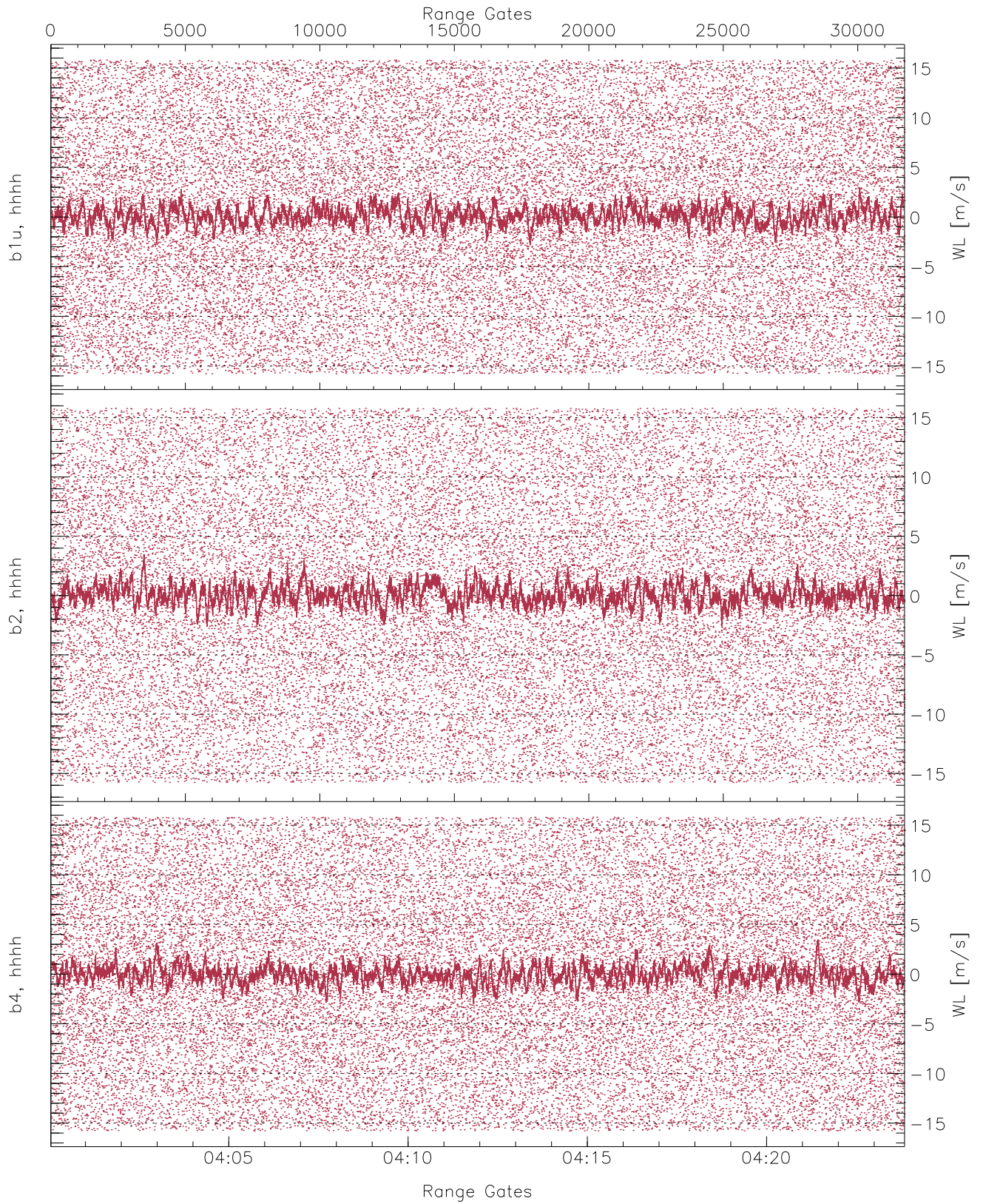
	Min	Max	Mean	Median	StDev
H1RG384_0 [dBm]	-66.38	-63.82	-65.08	-65.09	-76.58
V2WL27_0 [dBm]	-65.98	-63.45	-64.71	-64.72	-76.22
H1WL27_0 [dBm]	-66.00	-63.51	-64.67	-64.68	-76.13



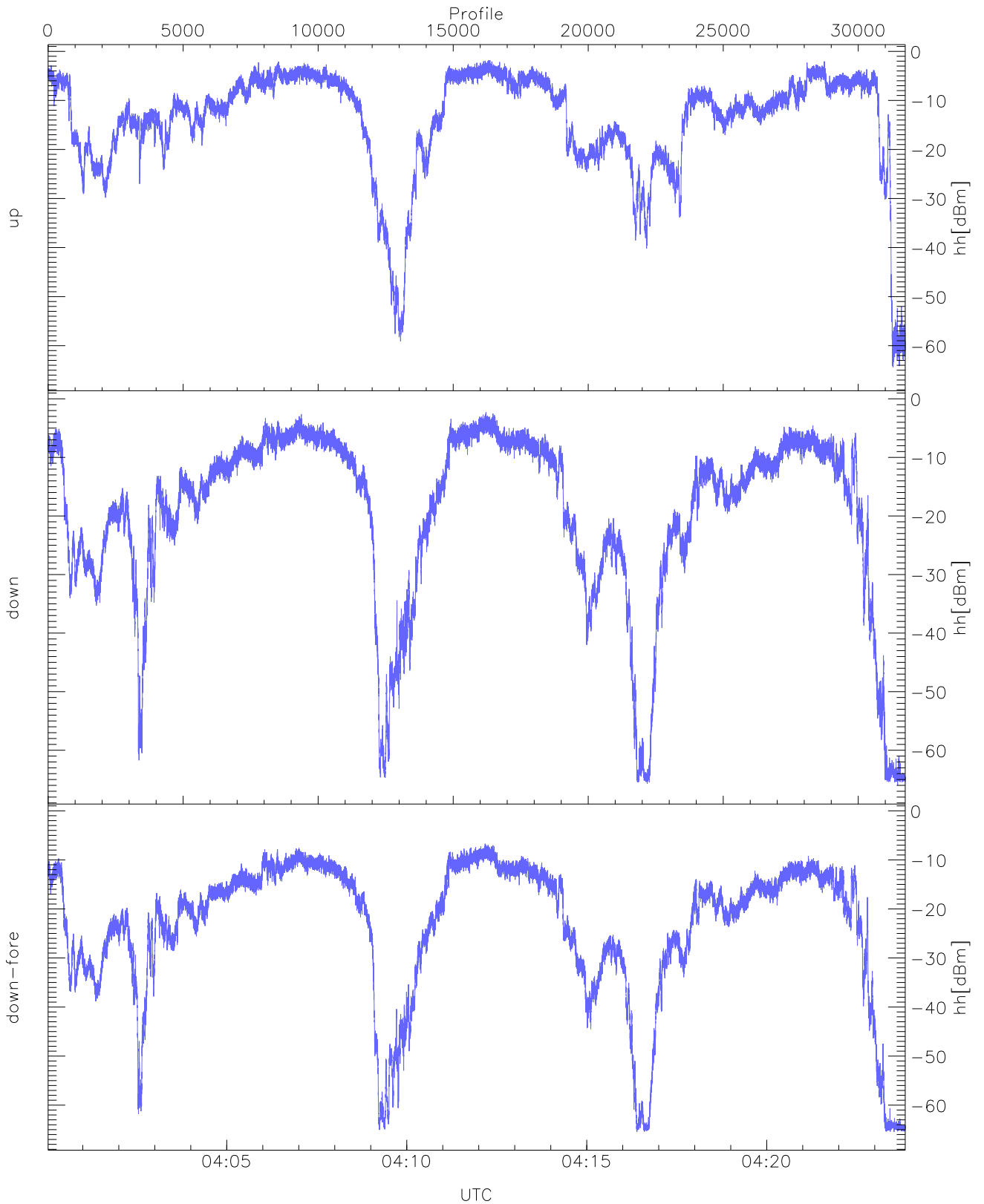
WCR3 CPP Averaged Received power for all recorded gates
blue: 040002-041157, 15871 profiles averaged
red: 041157-042351, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 040002-041157, 15871 profiles averaged
red: 041157-042351, 15871 profiles averaged

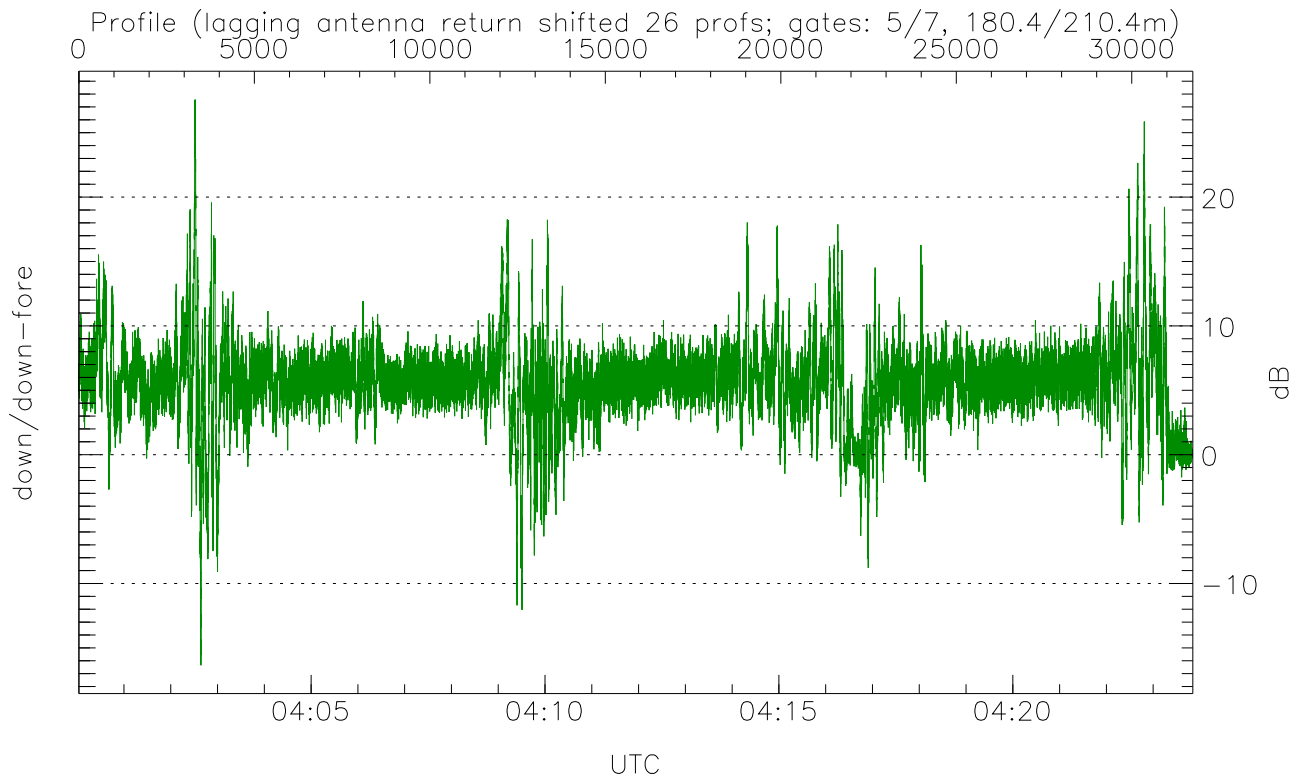
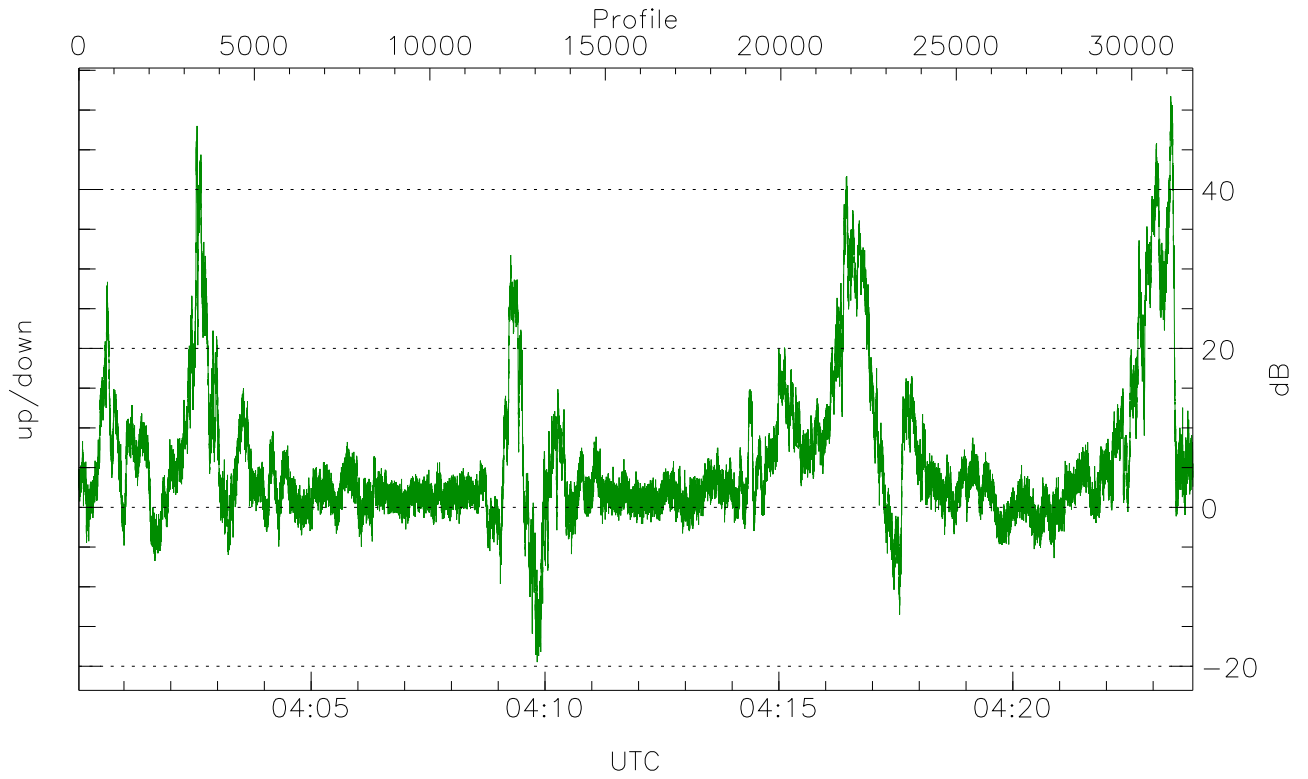


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



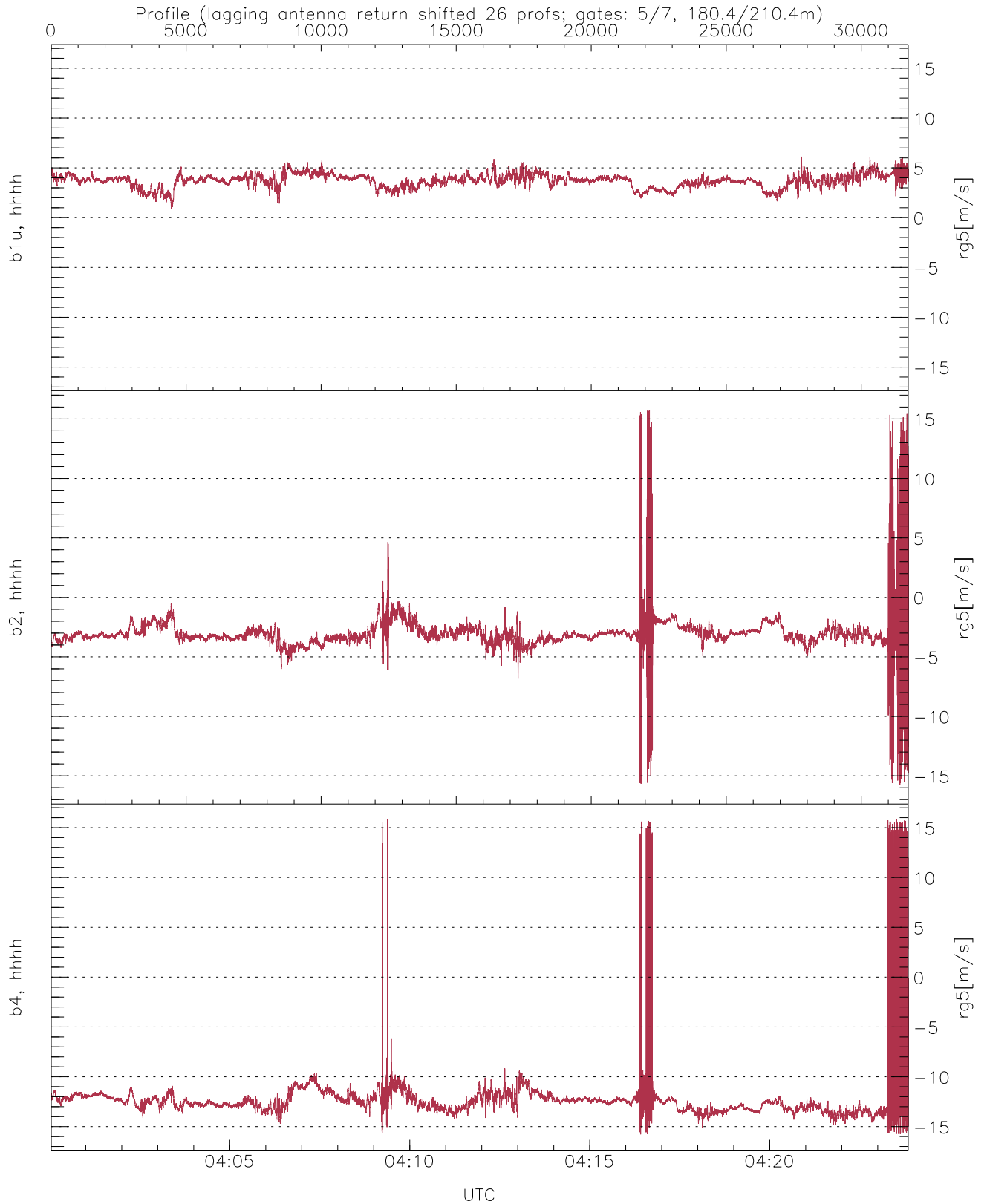
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.37	-1.82	-8.73
down(hh[dBm])	-65.98	-2.25	-10.86
down-fore(hh[dBm])	-65.45	-6.71	-15.33



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

	Min	Max	Mean
up/down (dB)	-19.47	51.73	5.66
down/down-fore (dB)	-16.35	27.58	5.66



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.89	6.13	3.70	0.66
b2, hhhh(rg5[m/s])	-15.73	15.73	-3.01	1.46
b4, hhhh(rg5[m/s])	-15.78	15.79	-12.20	2.57