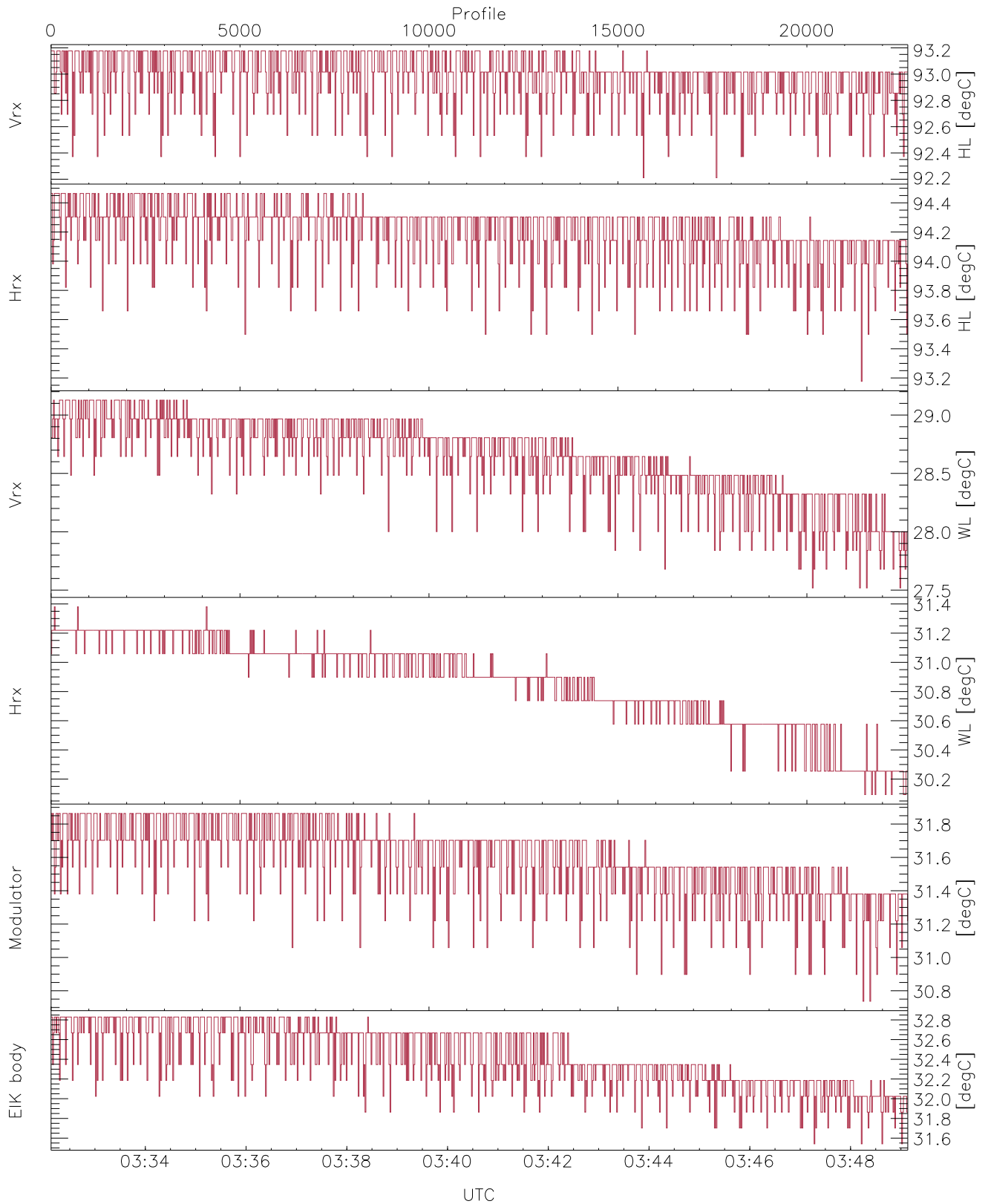


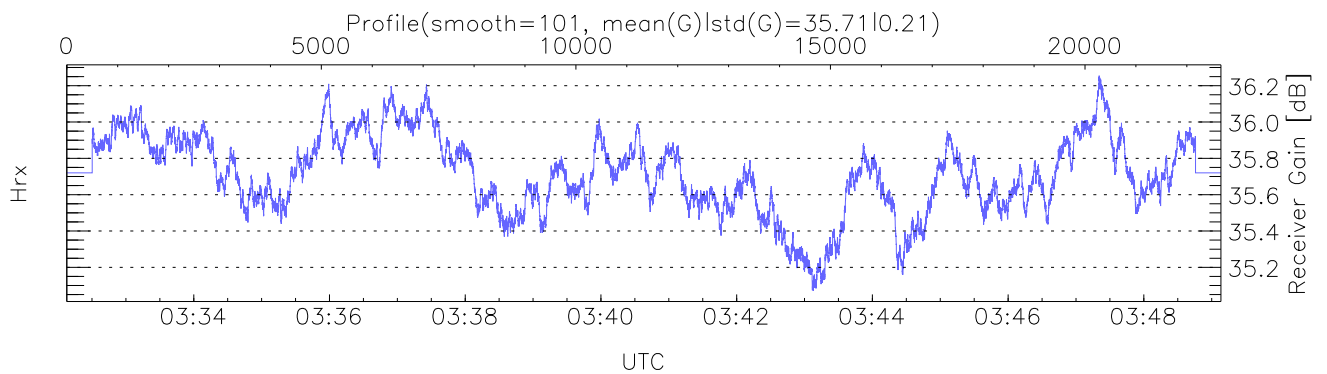
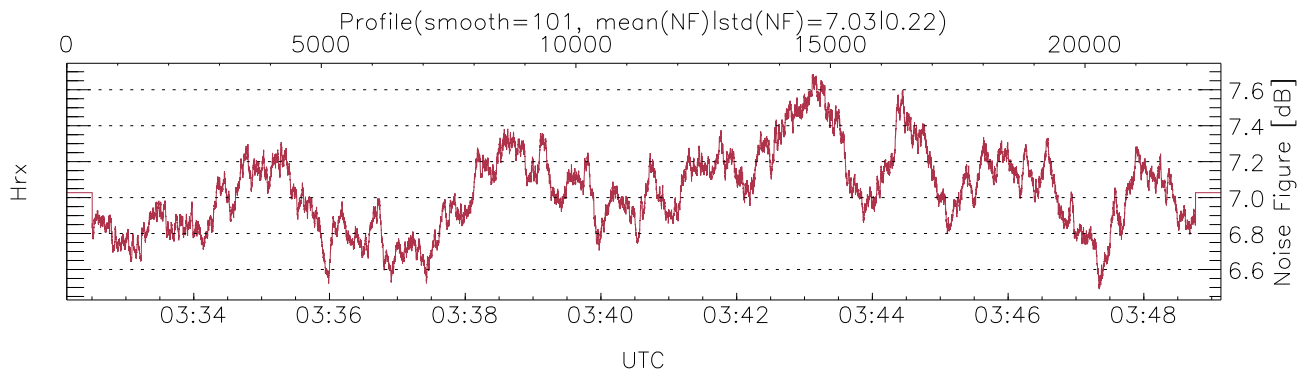
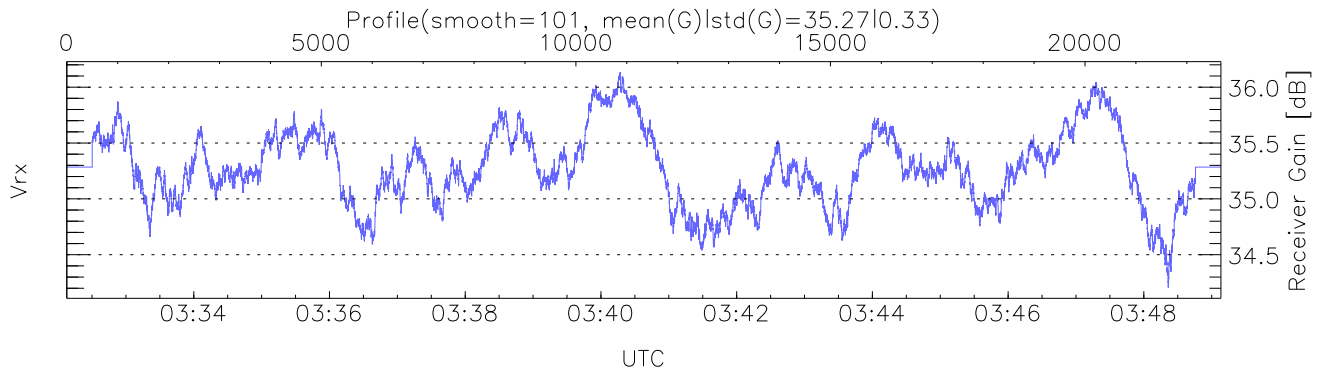
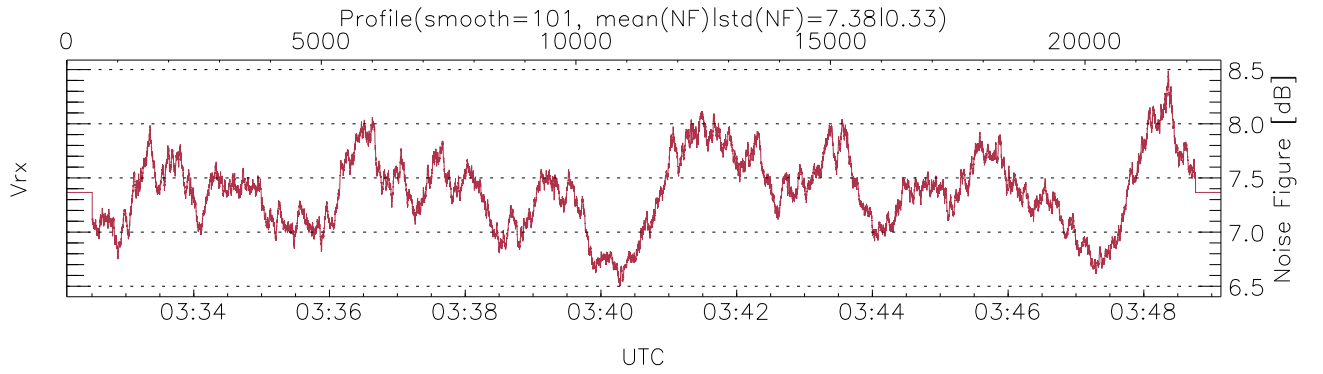
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:32:08-03:49:08, 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, 0-22671/03:32:08-03:49:08
 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



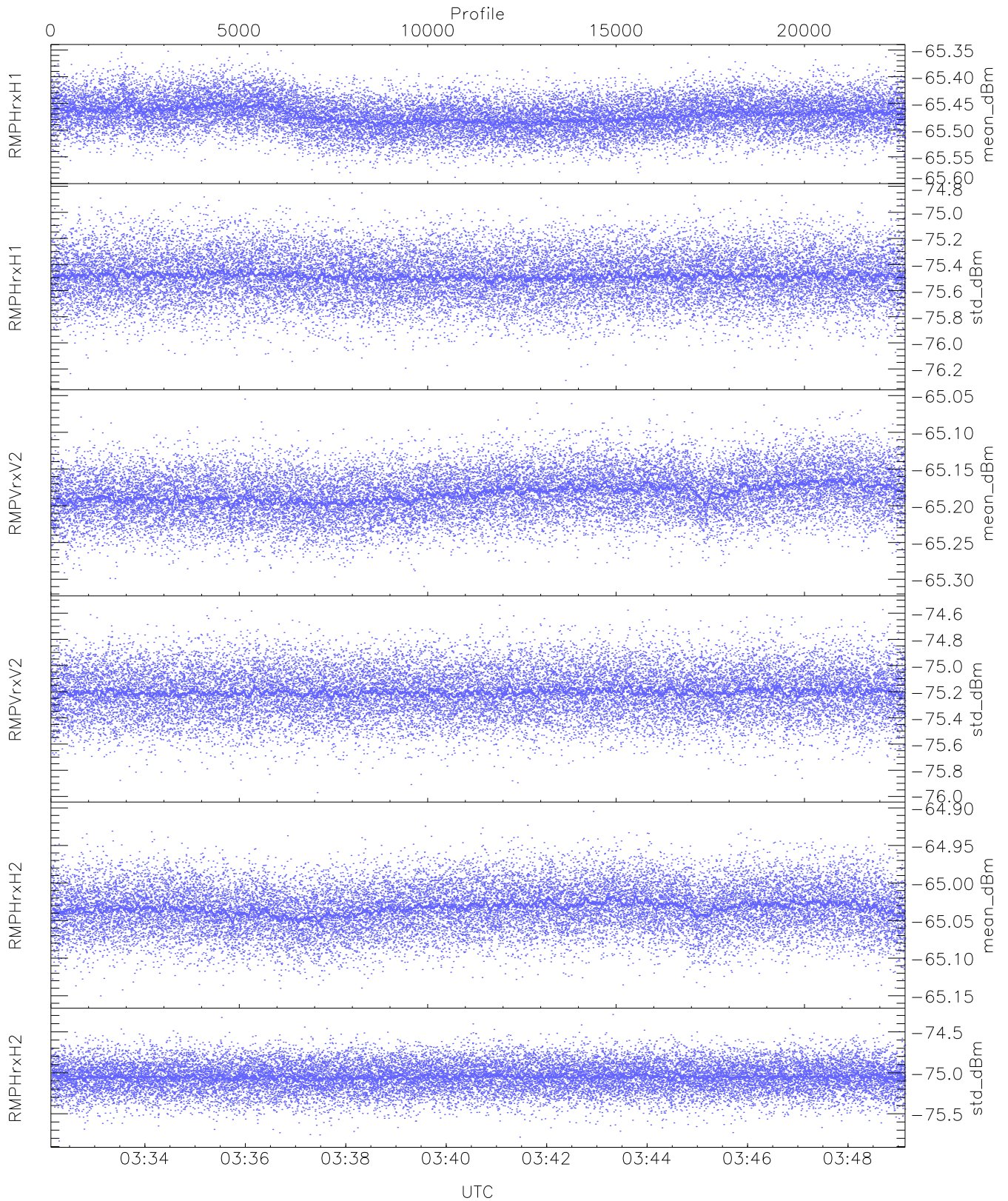
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,30,30,31
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,31,31,32
 LOalarm(20,240,2817,14861 MHz): None
 EIK/Modulator Faults: None



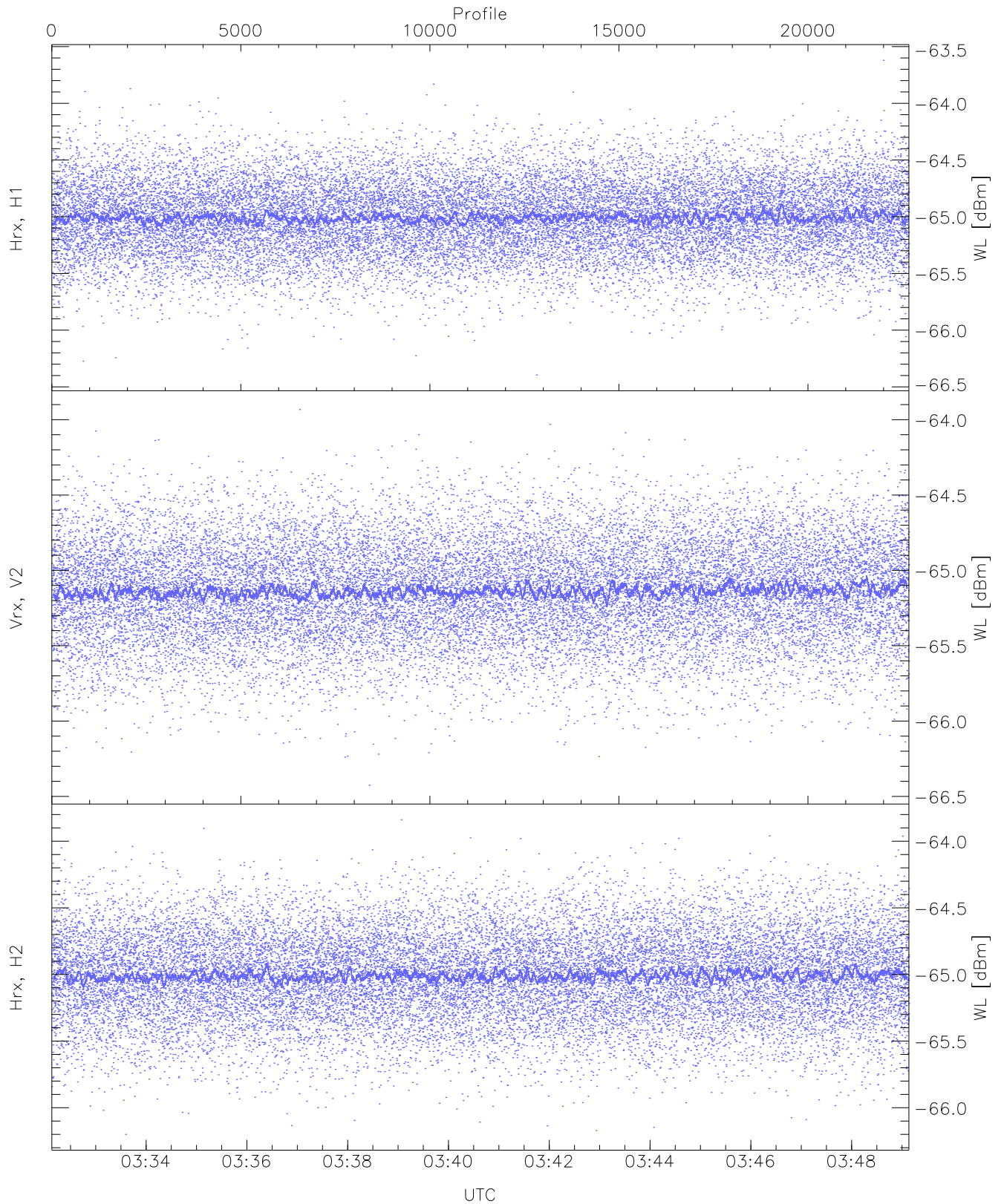
WCR3 CPP Receivers Gain and Noise Figure

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



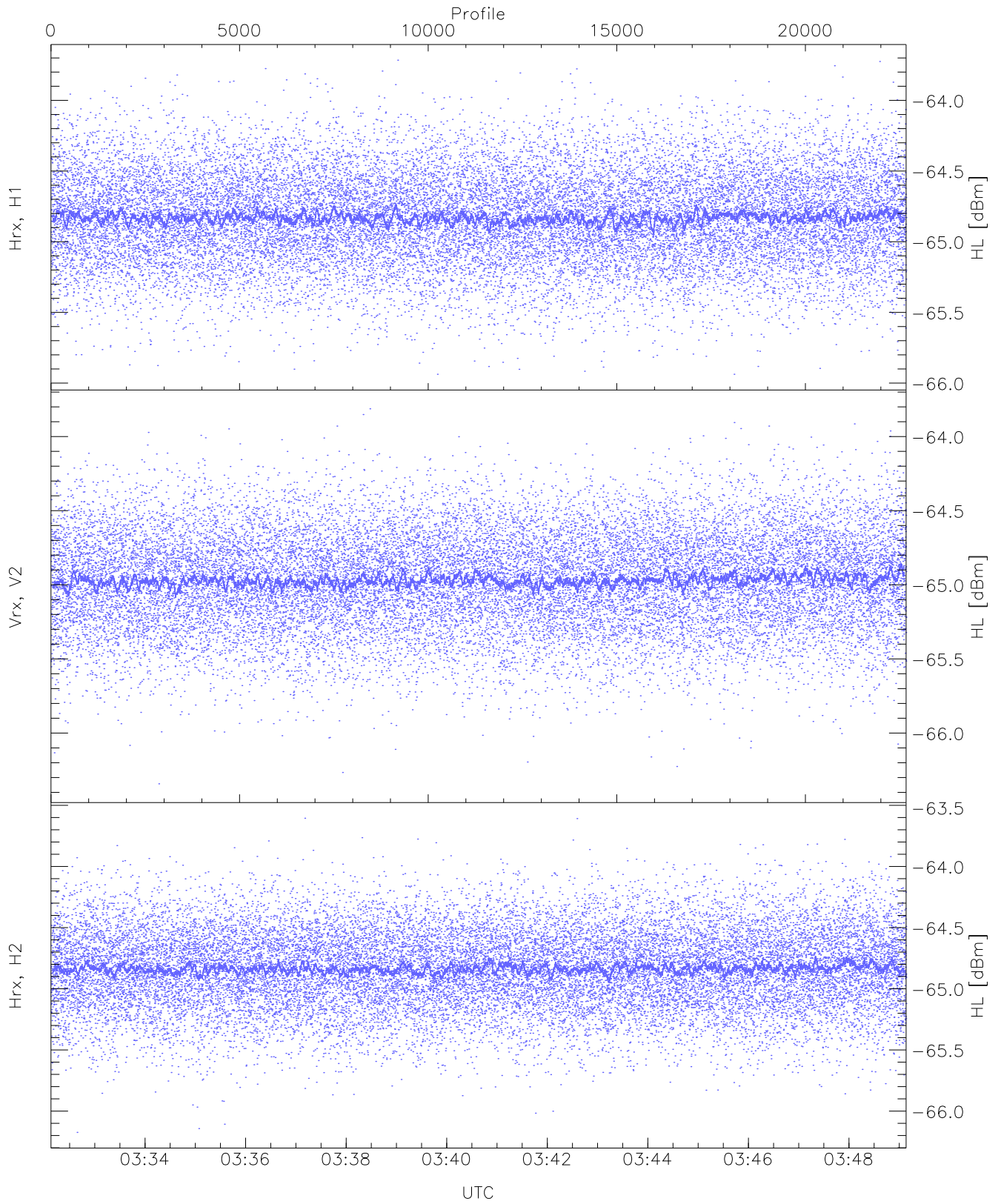
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.59	-65.35	-65.47	-65.47	-86.84
RMPHrxH1 (std_dBm)	-76.29	-74.85	-75.49	-75.49	-89.28
RMPVrxV2 (mean_dBm)	-65.31	-65.05	-65.18	-65.18	-86.61
RMPVrxV2 (std_dBm)	-75.97	-74.54	-75.20	-75.20	-89.03
RMPHrxH2 (mean_dBm)	-65.15	-64.90	-65.03	-65.03	-86.58
RMPHrxH2 (std_dBm)	-75.83	-74.29	-75.05	-75.05	-88.87



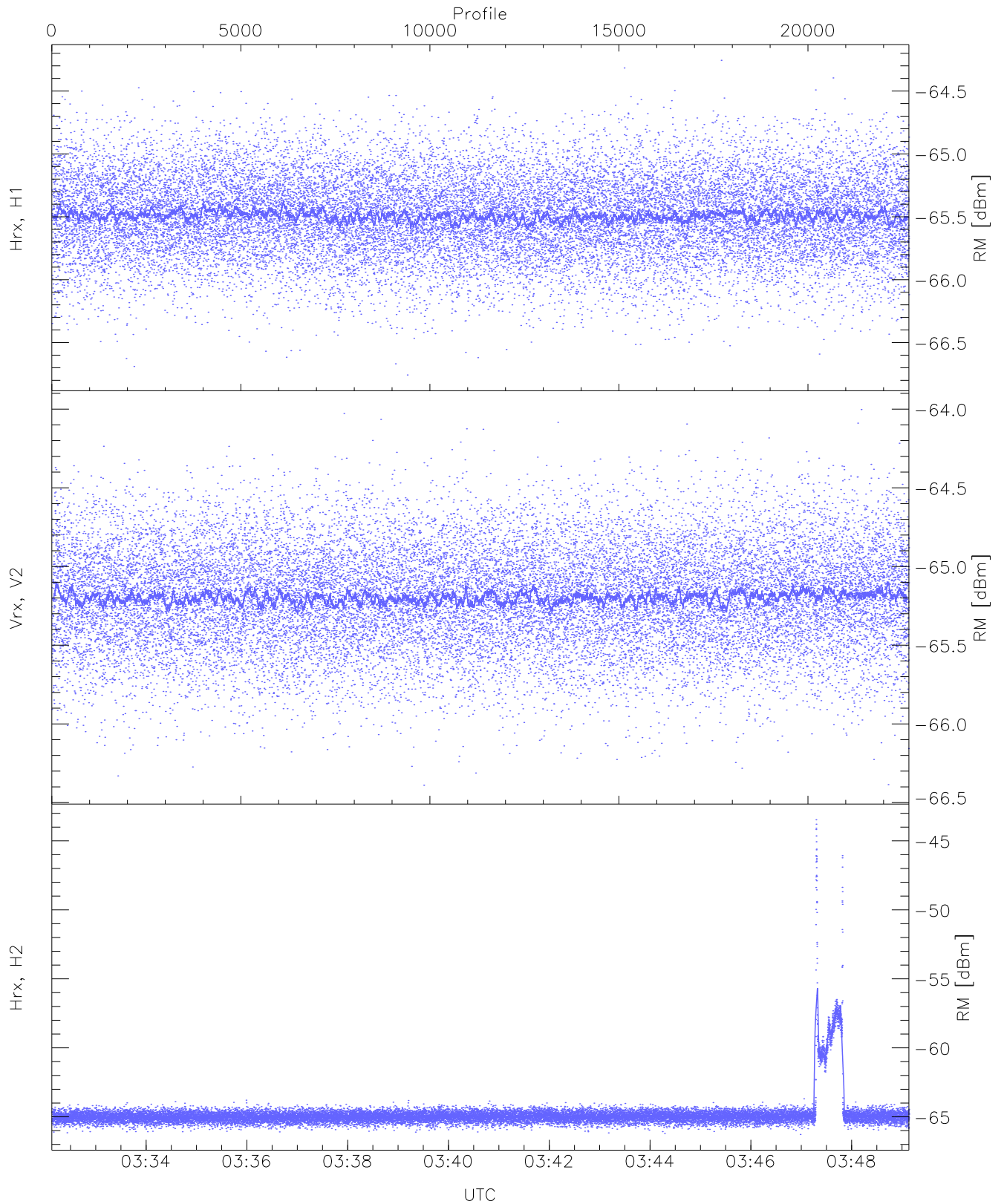
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.40	-63.62	-65.00	-65.01	-76.50
Vrx, V2 (WL [dBm])	-66.43	-63.93	-65.13	-65.14	-76.64
Hrx, H2 (WL [dBm])	-66.20	-63.84	-65.00	-65.01	-76.50



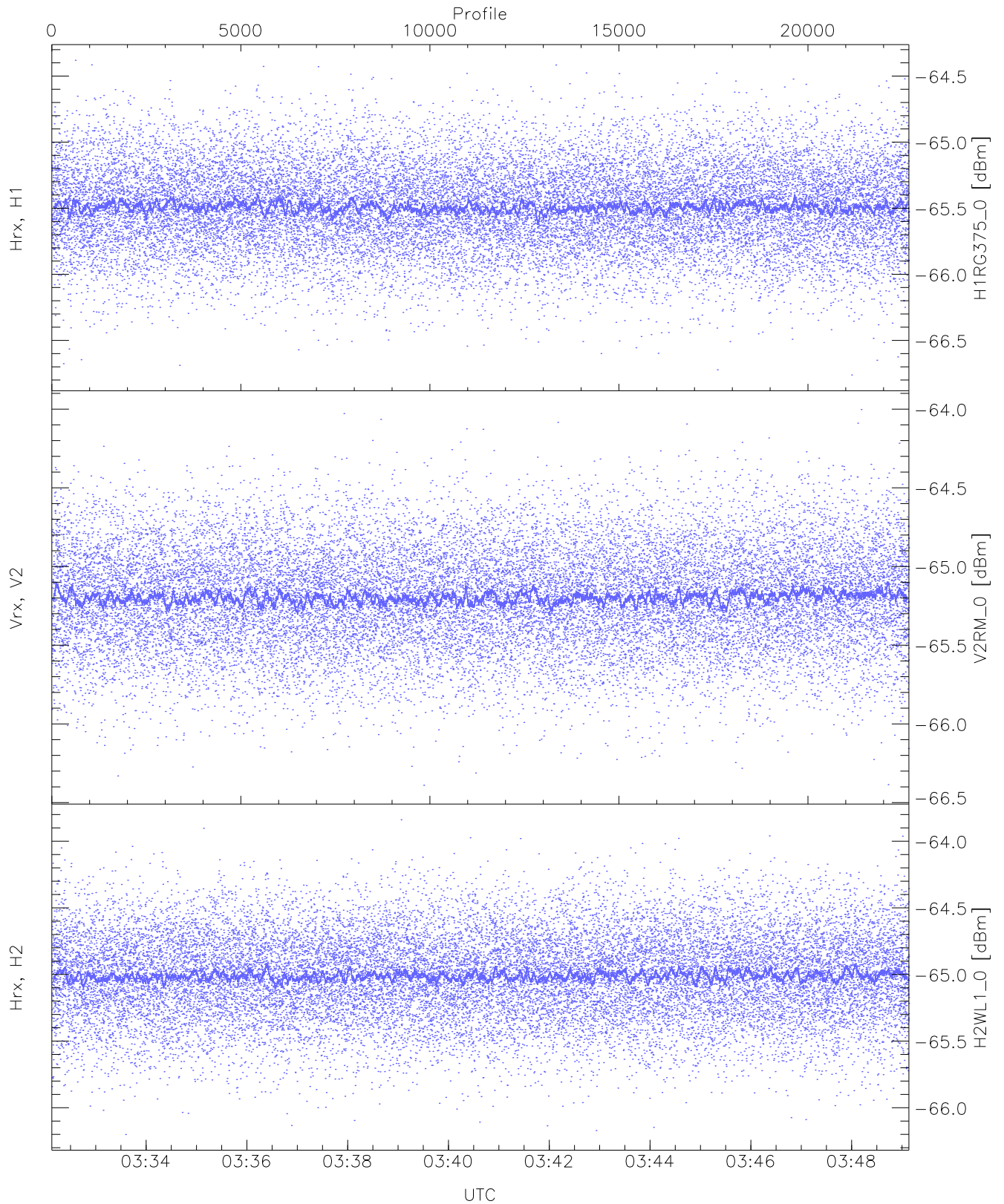
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.94	-63.72	-64.82	-64.83	-76.33
Vrx, V2 (HL [dBm])	-66.34	-63.81	-64.96	-64.97	-76.46
Hrx, H2 (HL [dBm])	-66.17	-63.61	-64.83	-64.84	-76.33



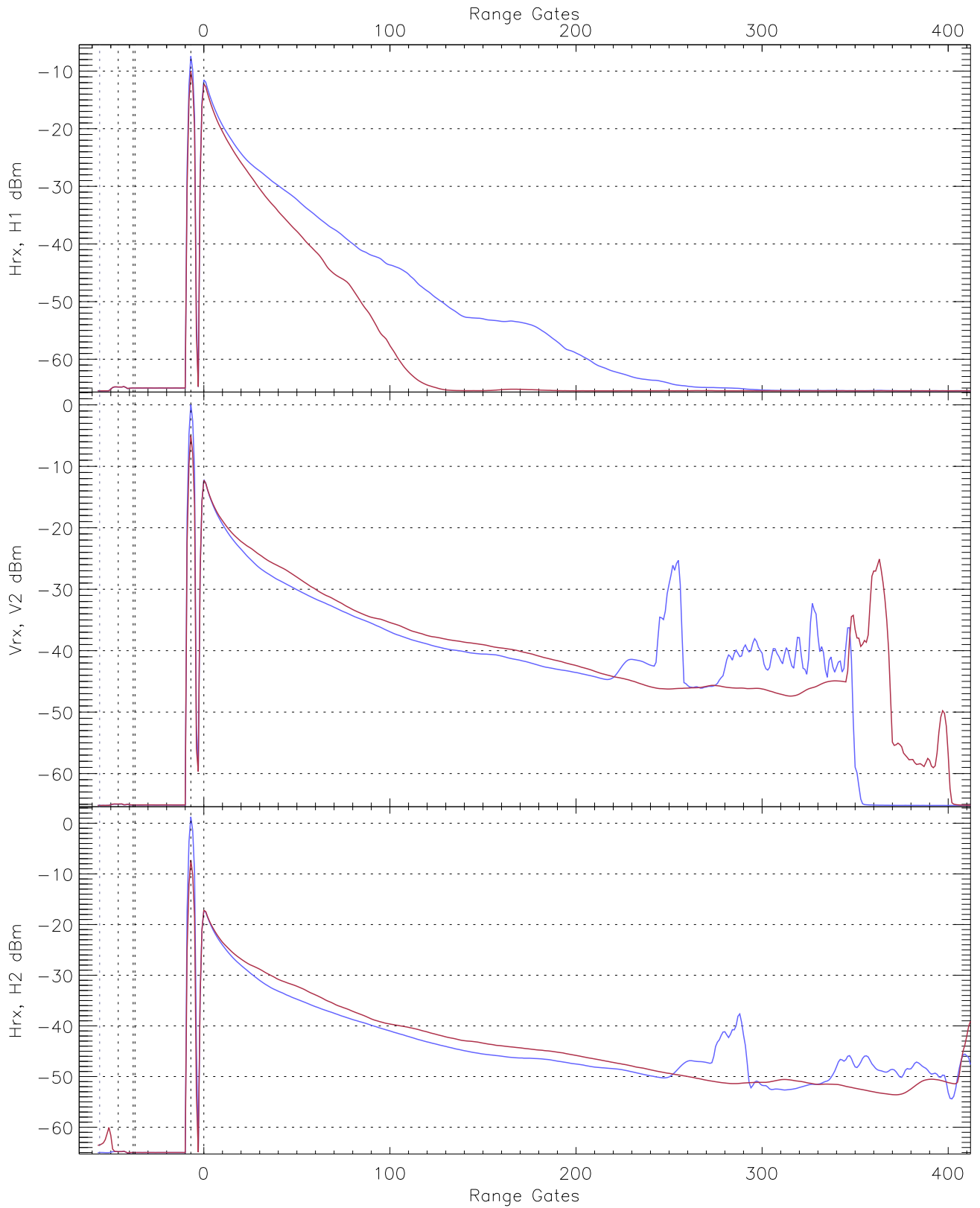
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.76	-64.26	-65.48	-65.49	-76.99
Vrx, V2 (RM [dBm])	-66.39	-64.00	-65.19	-65.20	-76.72
Hrx, H2 (RM [dBm])	-66.28	-43.47	-64.18	-64.98	-60.27

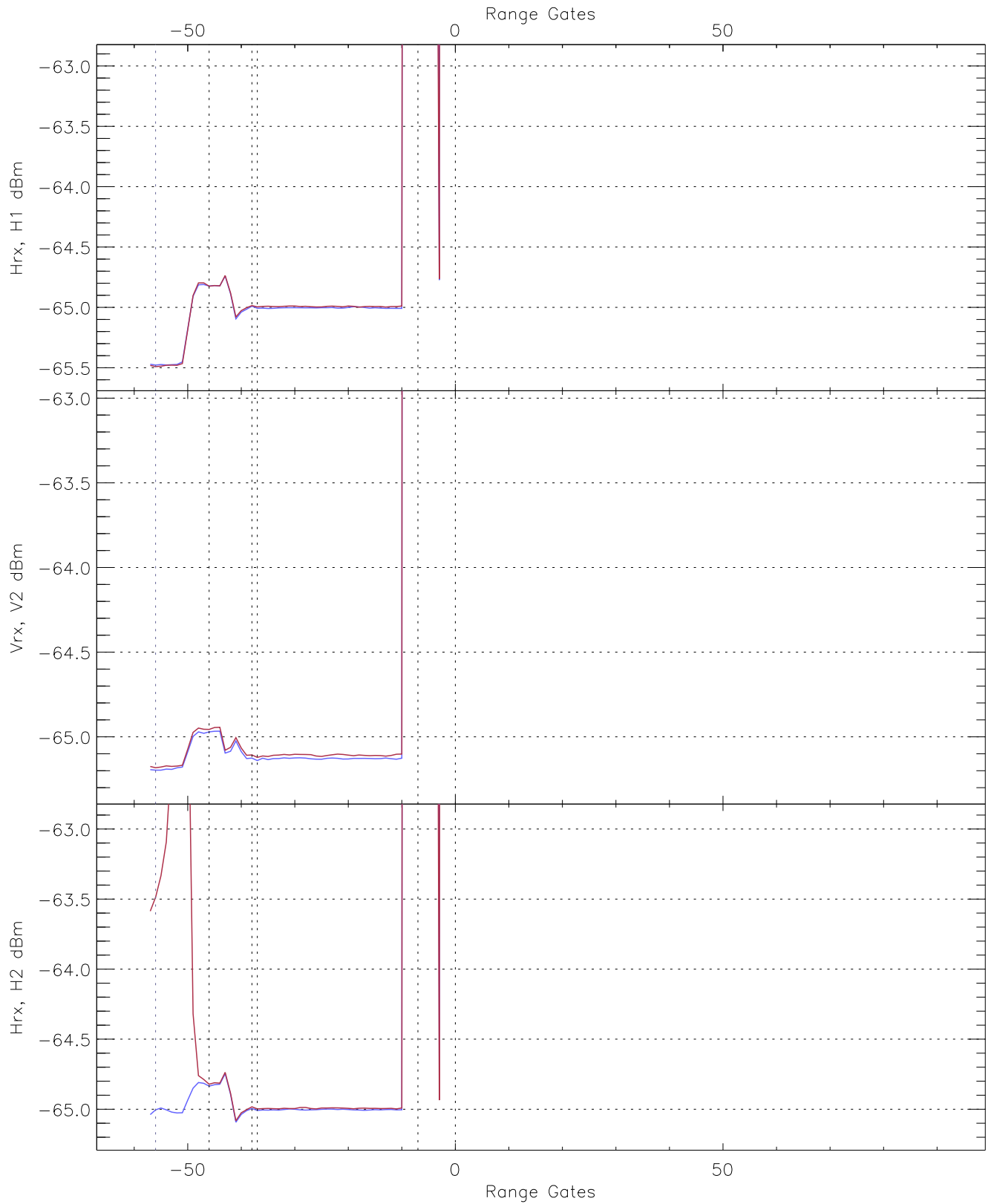


WCR3 CPP "Best" estimate Receivers Noise Power

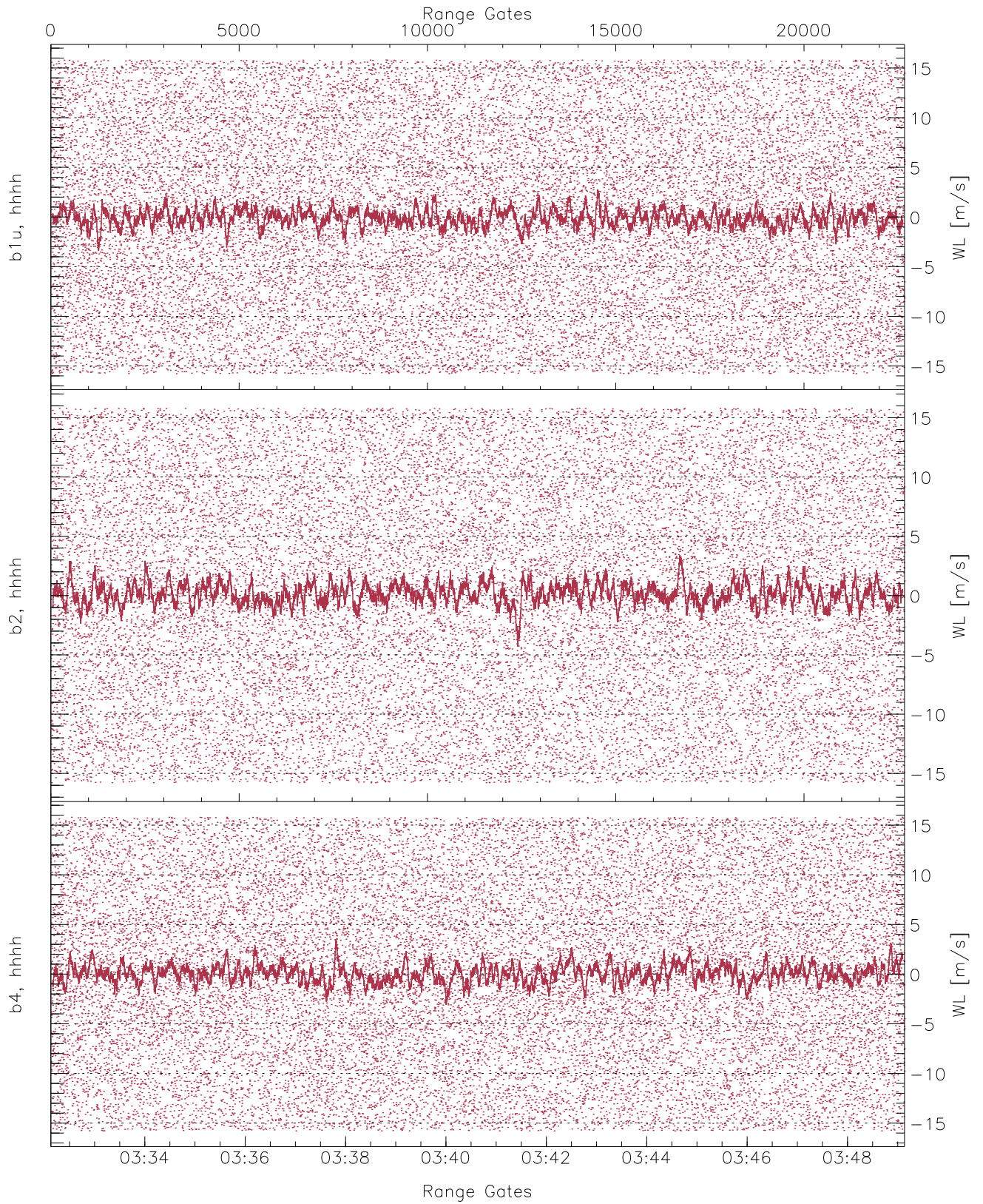
	Min	Max	Mean	Median	StDev
H1RG375_0 [dBm]	-66.76	-64.38	-65.48	-65.49	-76.99
V2RM_0 [dBm]	-66.39	-64.00	-65.19	-65.20	-76.72
H2WLI_0 [dBm]	-66.20	-63.84	-65.00	-65.01	-76.50



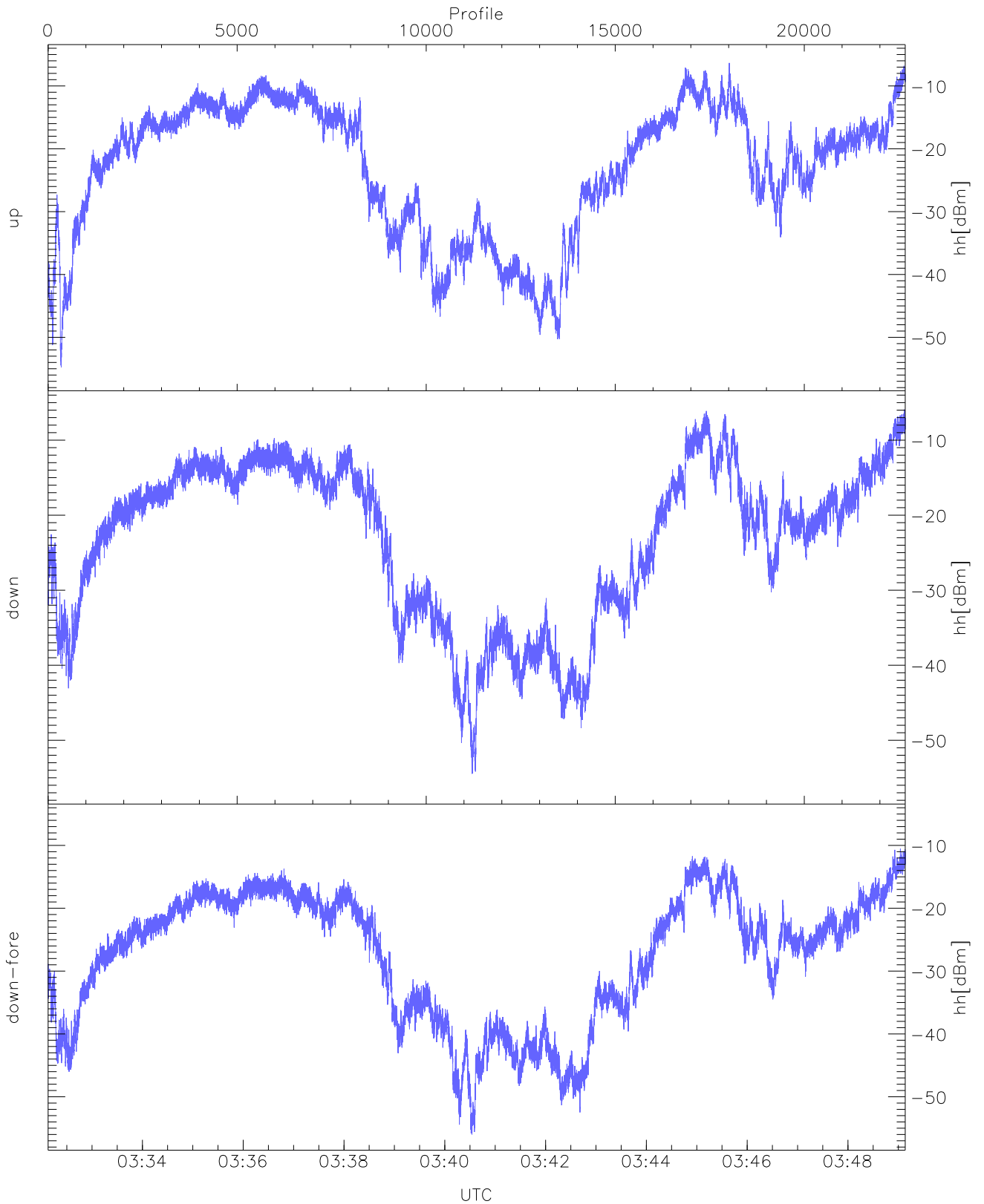
WCR3 CPP Averaged Received power for all recorded gates
blue: 033208-034038, 11337 profiles averaged
red: 034038-034908, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 033208-034038, 11337 profiles averaged
red: 034038-034908, 11336 profiles averaged

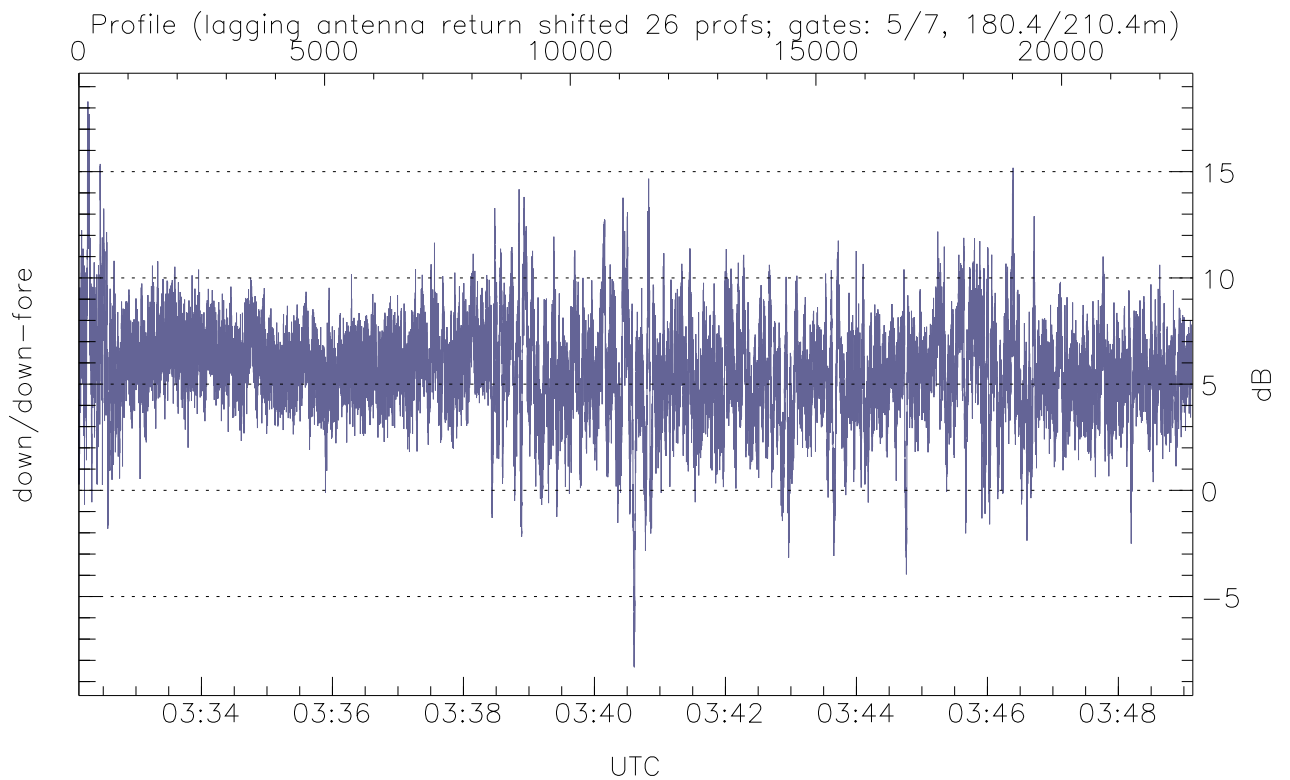
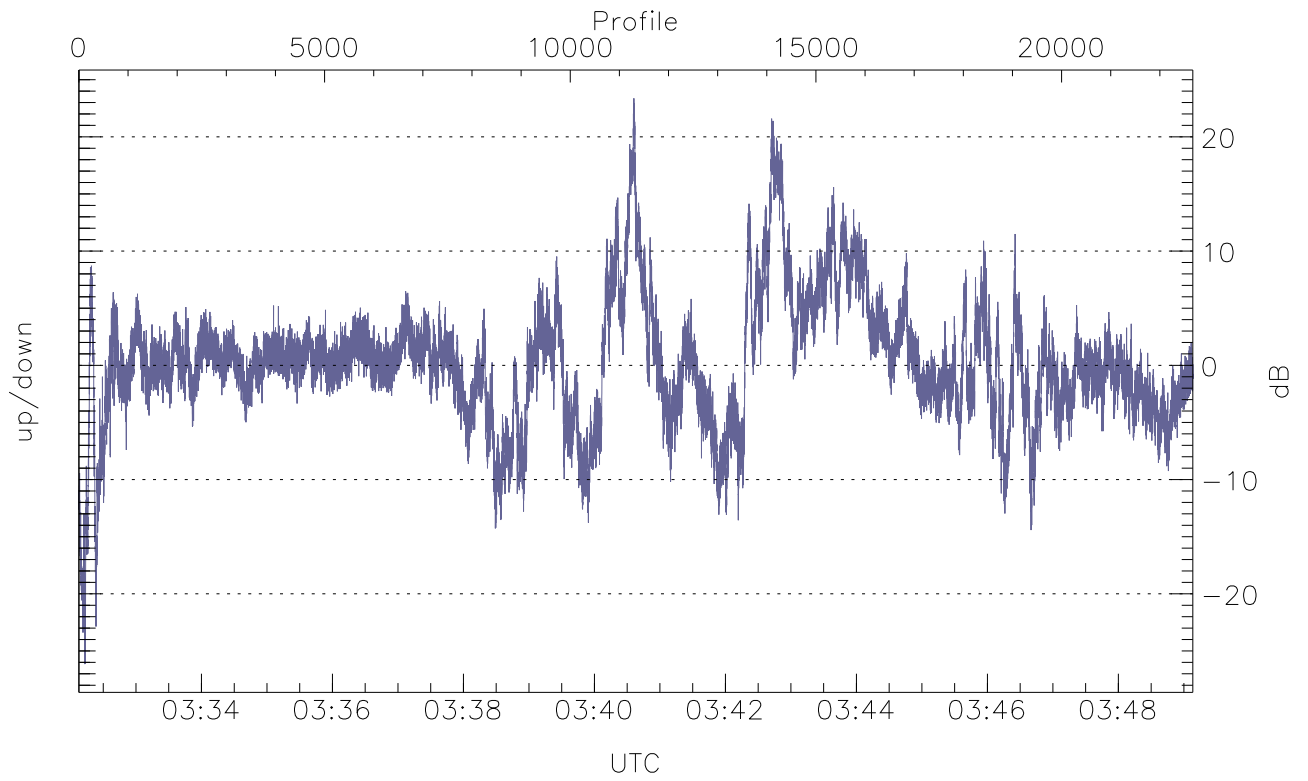


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



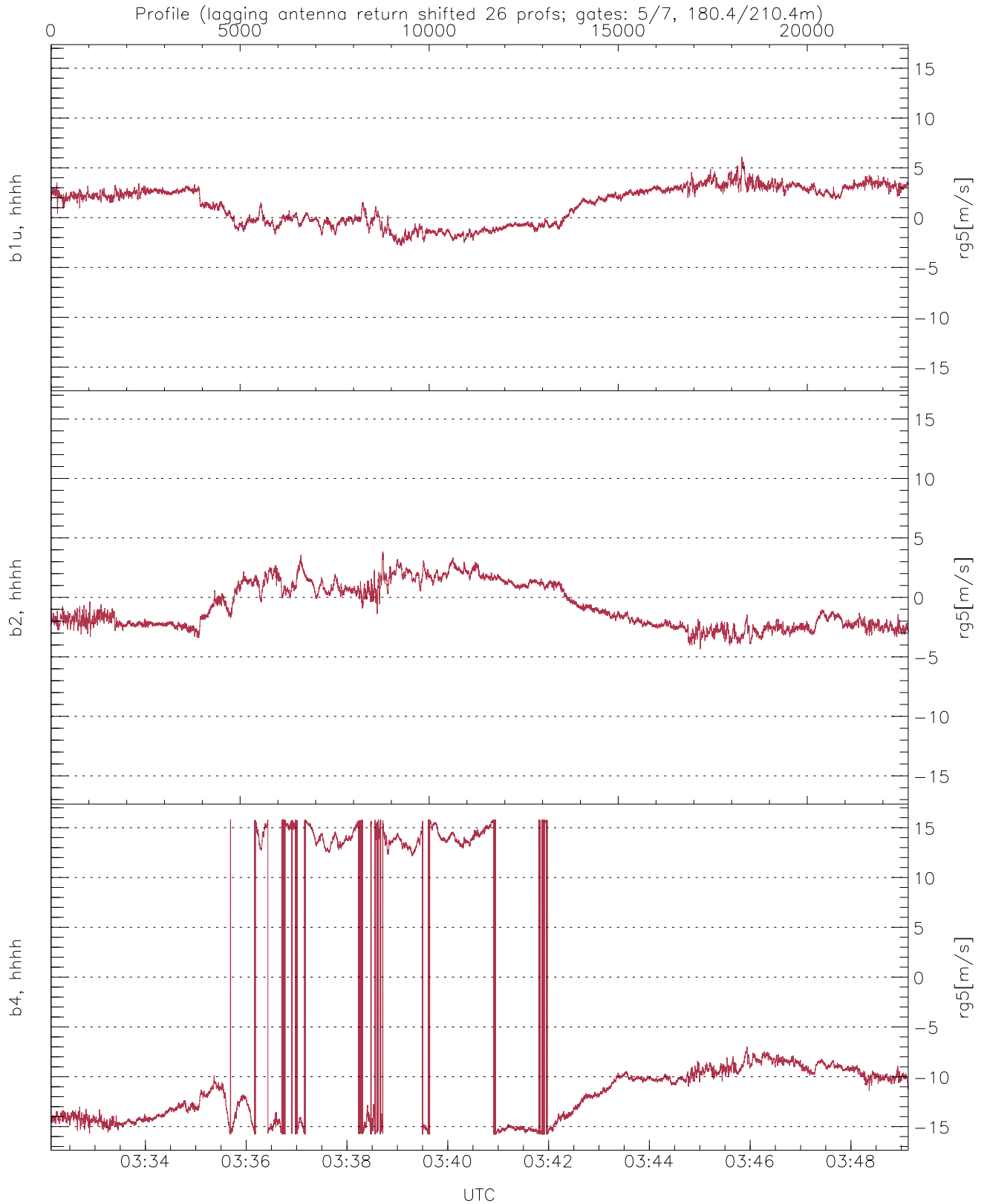
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-54.80	-6.34	-16.33
down(hh[dBm])	-54.46	-5.92	-16.29
down-fore(hh[dBm])	-56.00	-10.54	-20.91



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

	Min	Max	Mean
up/down (dB)	-26.15	23.37	0.22
down/down-fore (dB)	-8.33	18.30	5.64



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.82	6.10	1.27	1.87
b2, hhhh(rg5[m/s])	-4.37	3.86	-0.76	1.86
b4, hhhh(rg5[m/s])	-15.79	15.79	-5.96	11.17