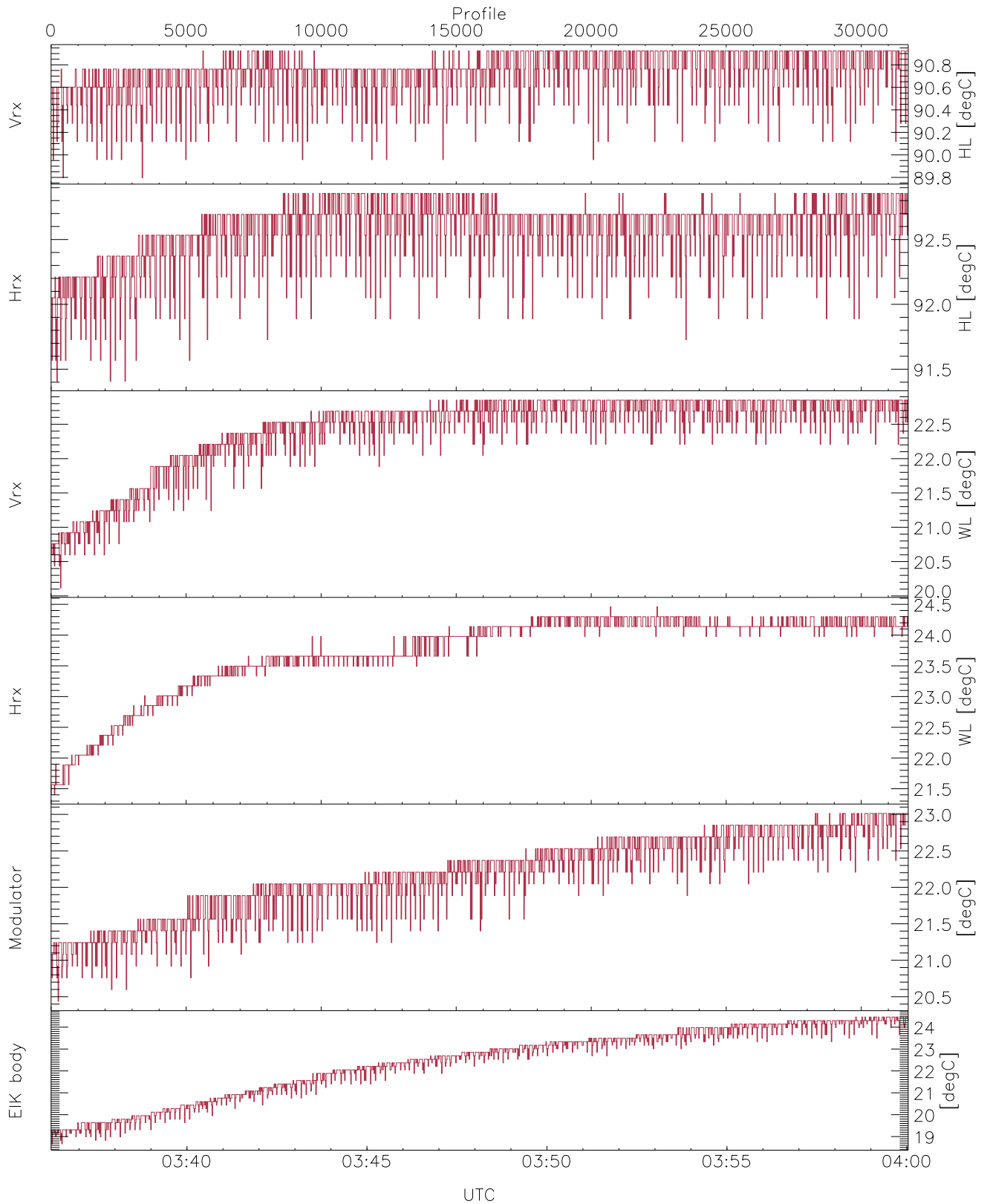


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

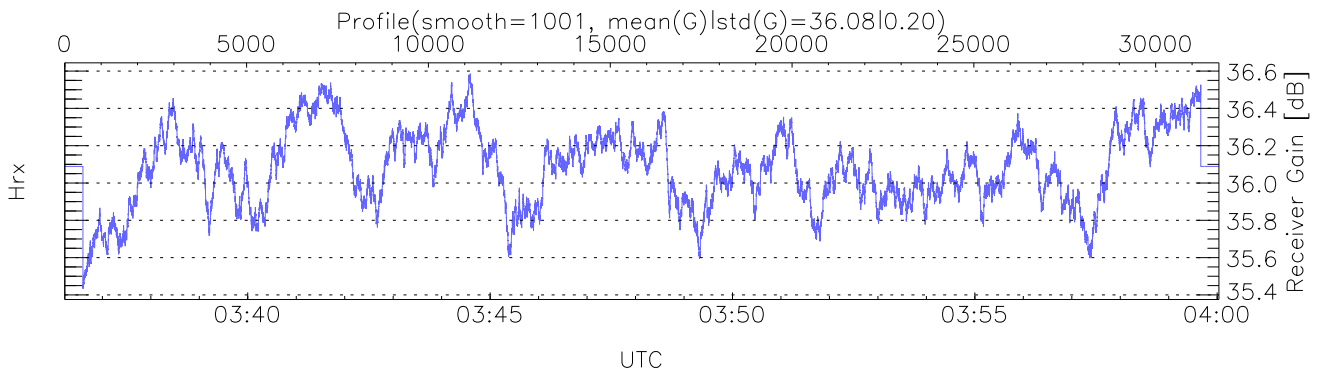
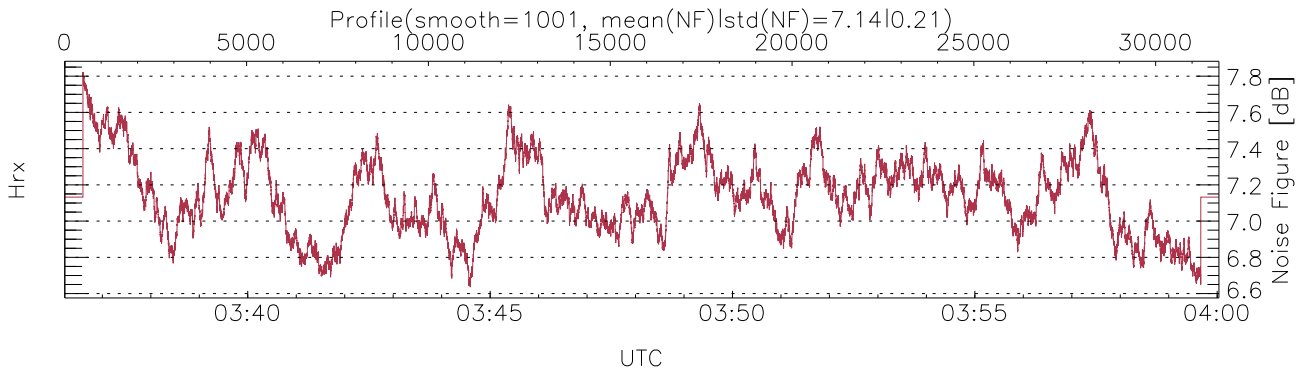
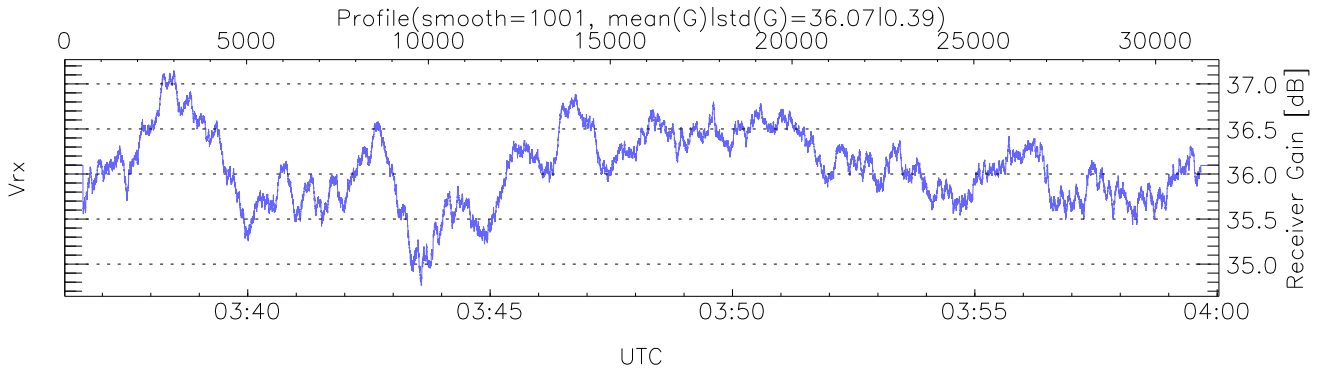
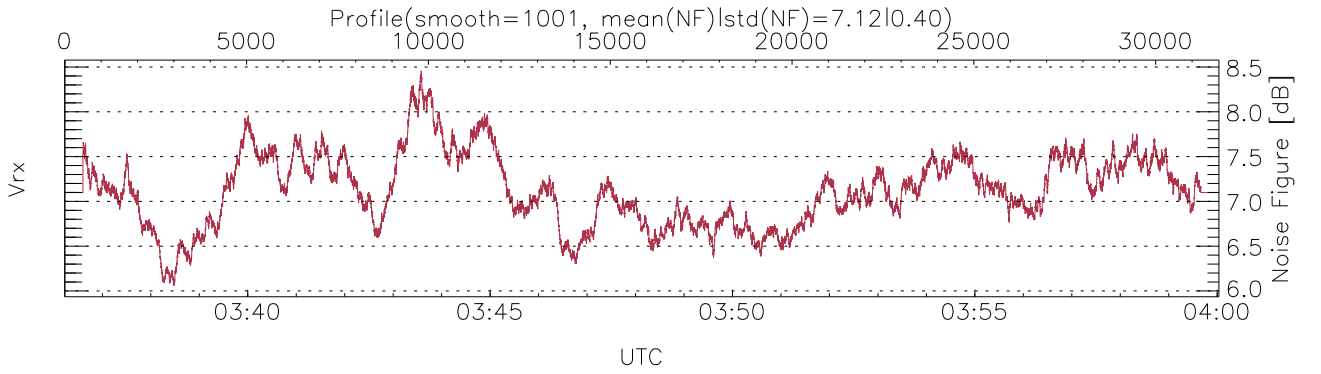
UTC: 03:36:14-04:00:02, TimeCor: 0.00s, Dur: 1428.66s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 31741/31741, 0-31740/03:36:14-04:00:02
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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

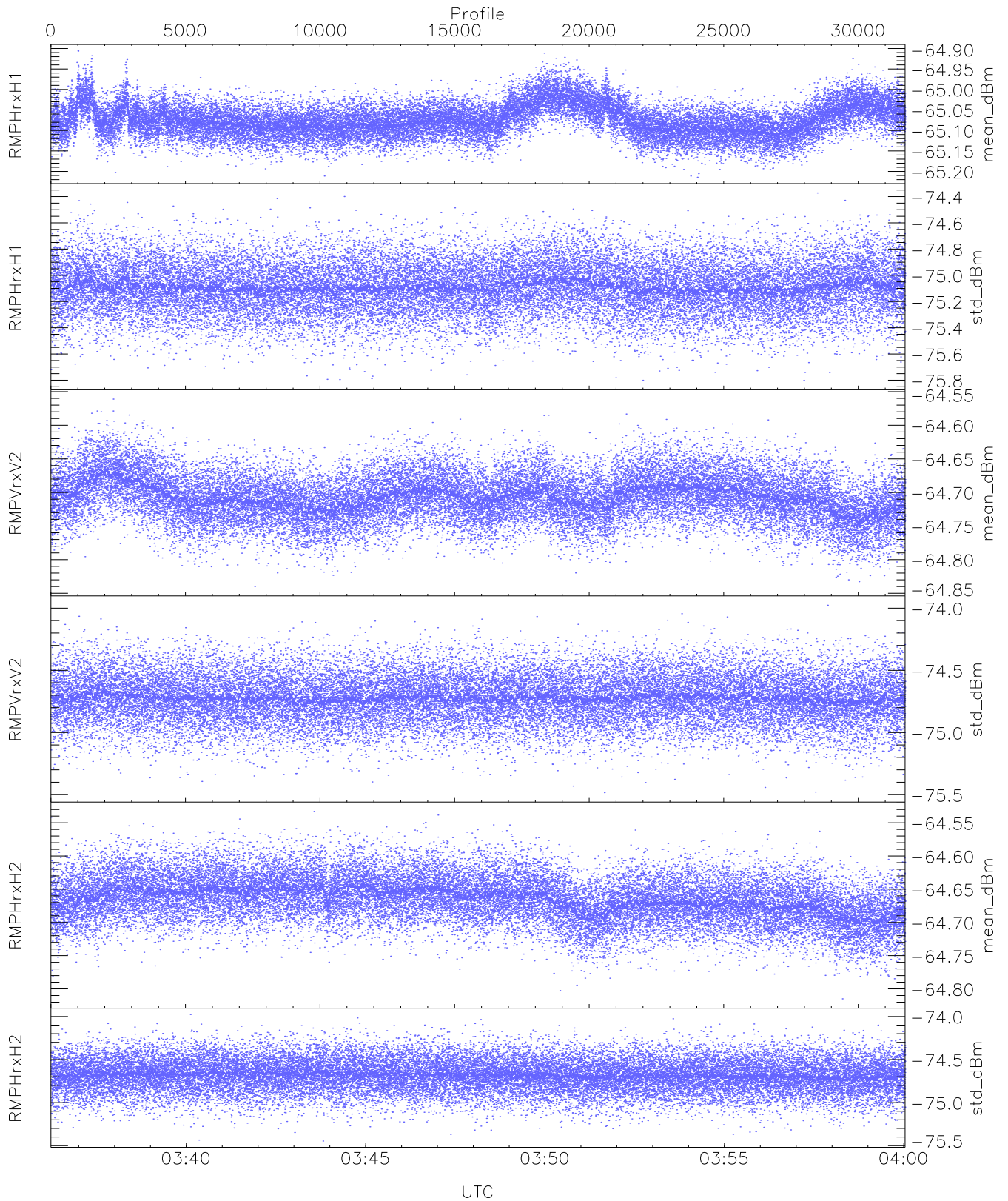
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,20,21,20,18`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,23,24`
`LOalarm(20,240,2817,14861 MHz): None`

`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (90,90,90,68,90,90,90,68)`



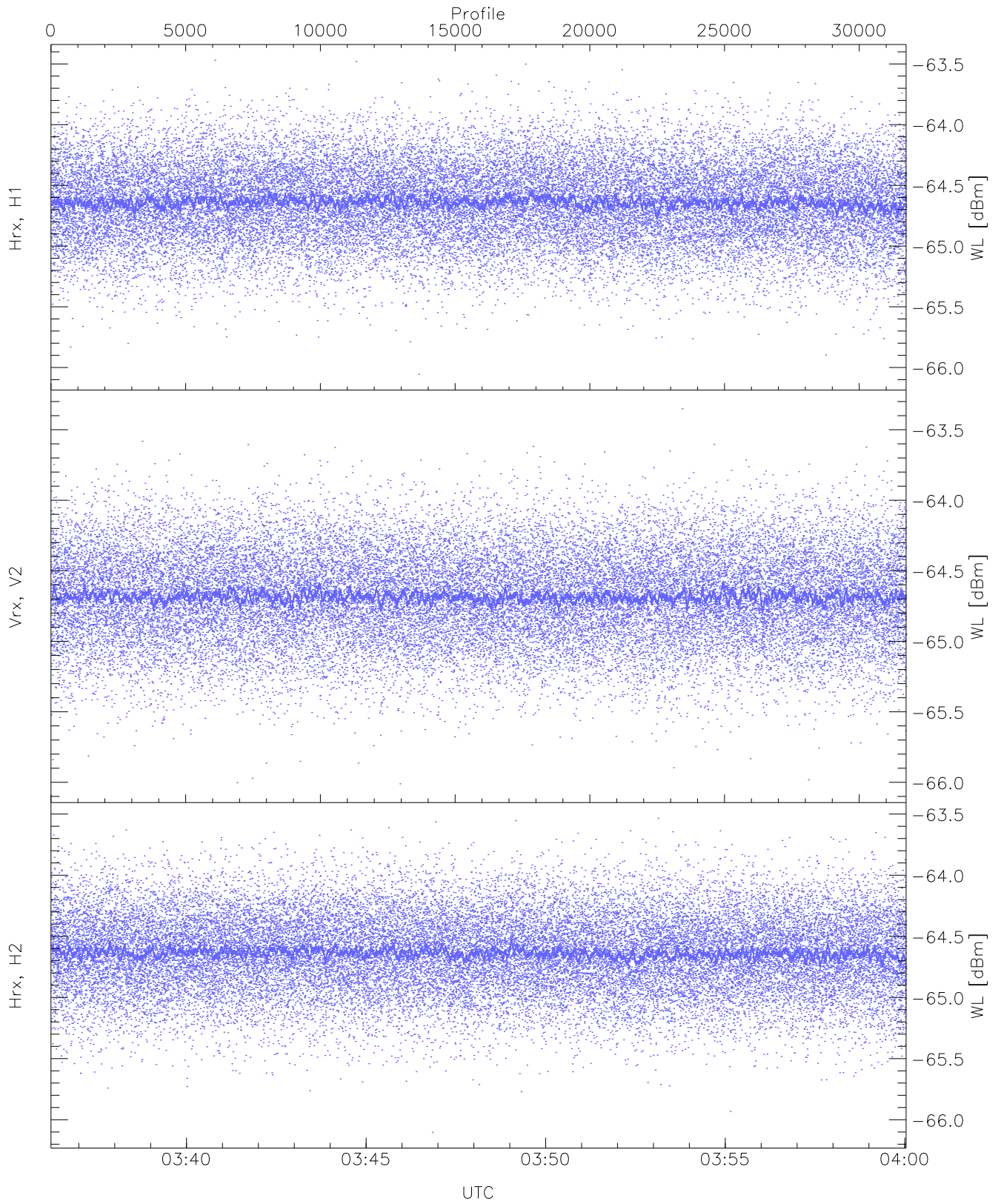
WCR3 CPP Receivers Gain and Noise Figure

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



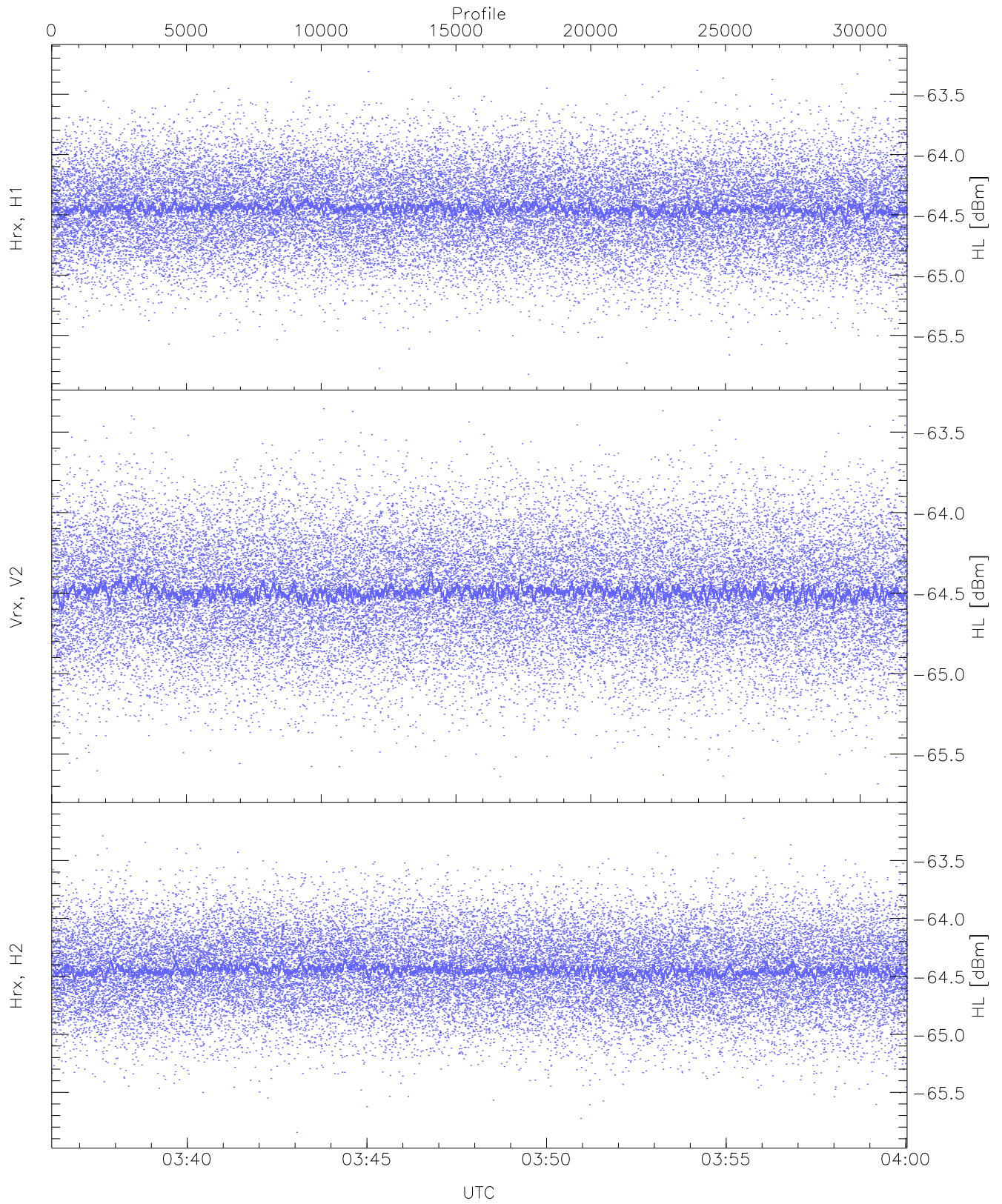
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.21	-64.91	-65.07	-65.08	-85.54
RMPHrxH1 (std_dBm)	-75.80	-74.37	-75.09	-75.09	-88.84
RMPVrxV2 (mean_dBm)	-64.84	-64.56	-64.71	-64.71	-85.82
RMPVrxV2 (std_dBm)	-75.48	-73.98	-74.72	-74.73	-88.51
RMPHrxH2 (mean_dBm)	-64.81	-64.53	-64.67	-64.66	-85.80
RMPHrxH2 (std_dBm)	-75.45	-73.98	-74.68	-74.68	-88.49



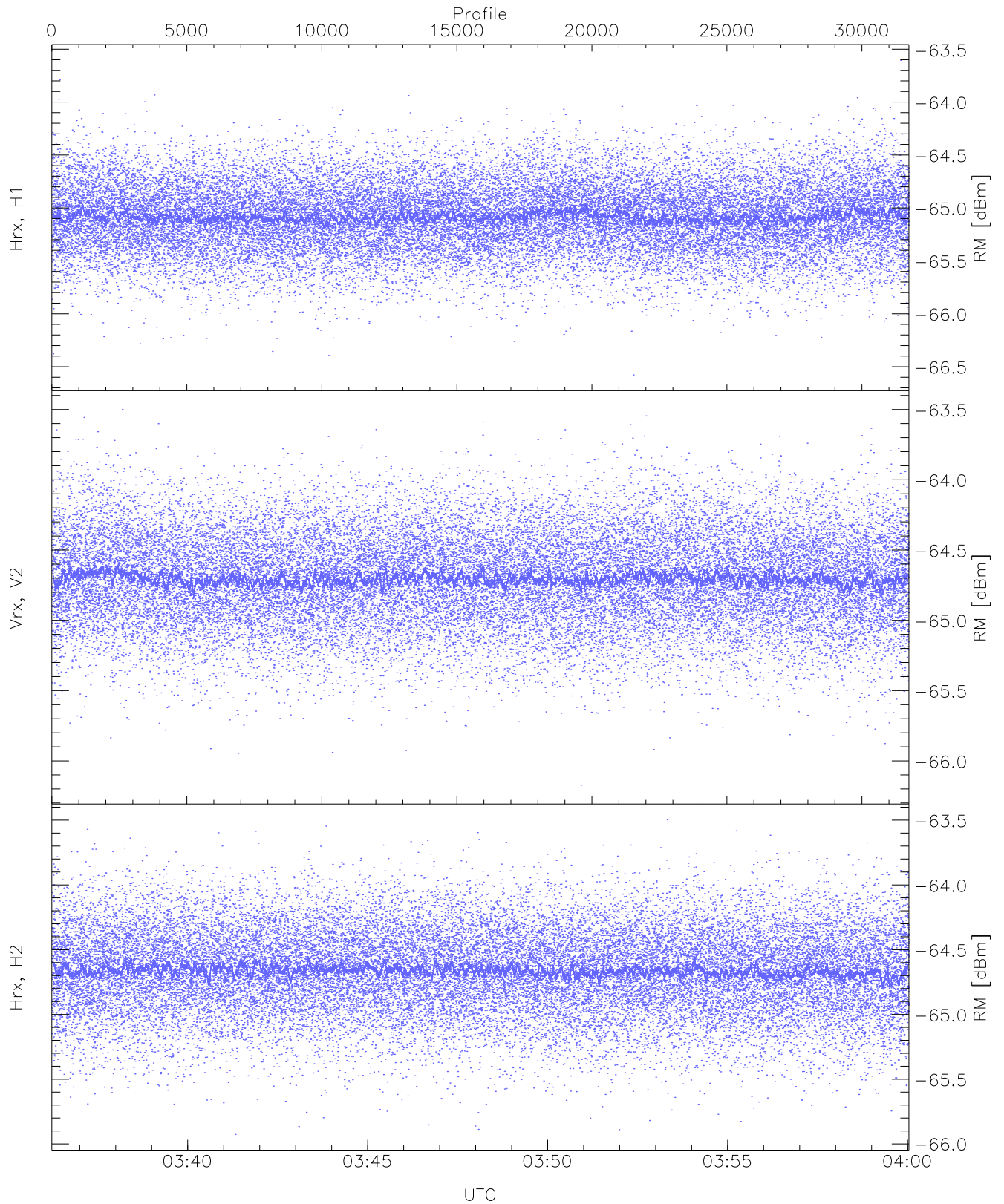
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.06	-63.47	-64.63	-64.64	-76.13
Vrx, V2 (WL [dBm])	-66.01	-63.35	-64.68	-64.69	-76.17
Hrx, H2 (WL [dBm])	-66.10	-63.53	-64.63	-64.64	-76.15



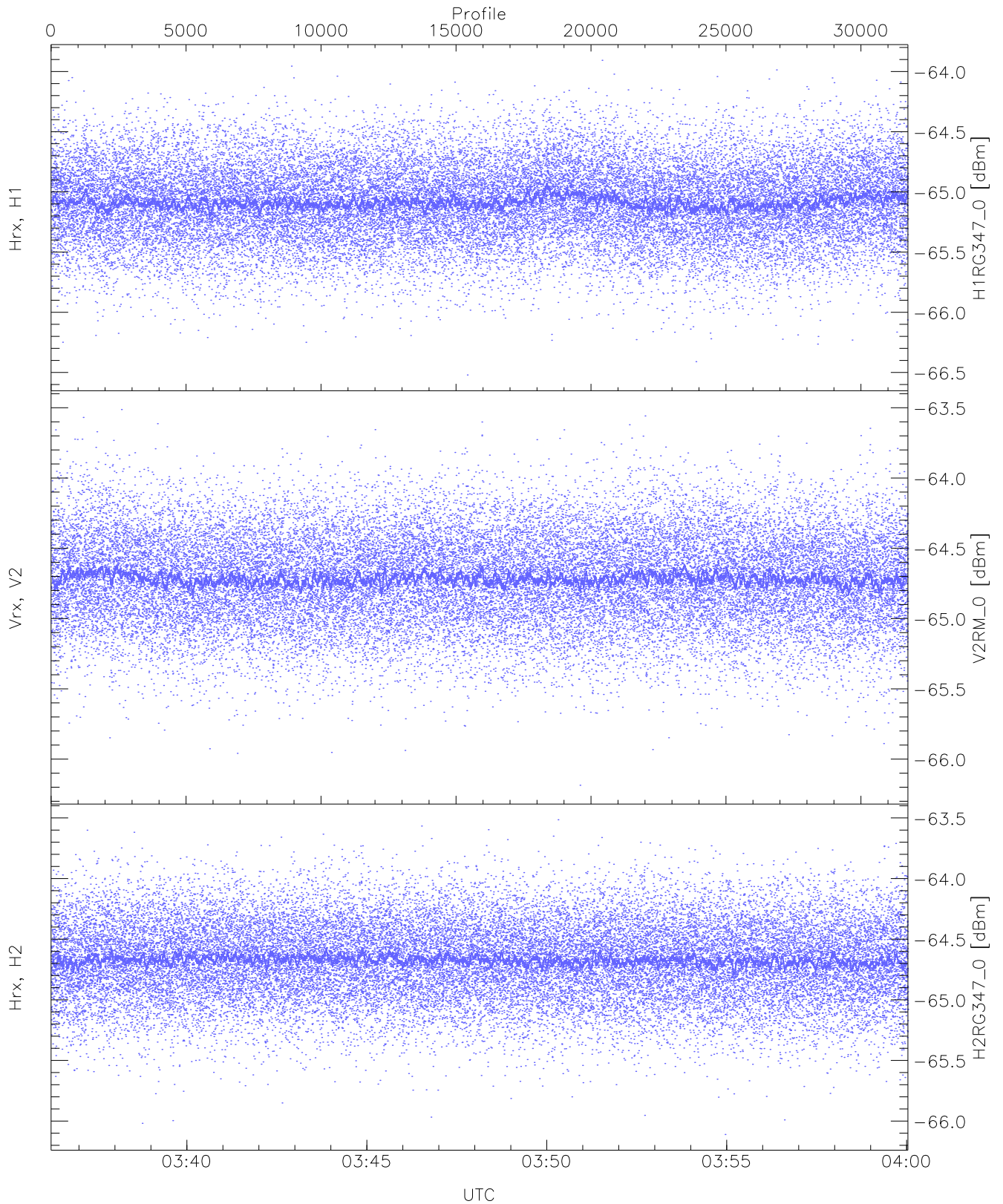
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.82	-63.22	-64.44	-64.45	-75.94
Vrx, V2 (HL [dBm])	-65.68	-63.35	-64.49	-64.49	-76.01
Hrx, H2 (HL [dBm])	-65.85	-63.14	-64.44	-64.45	-75.93



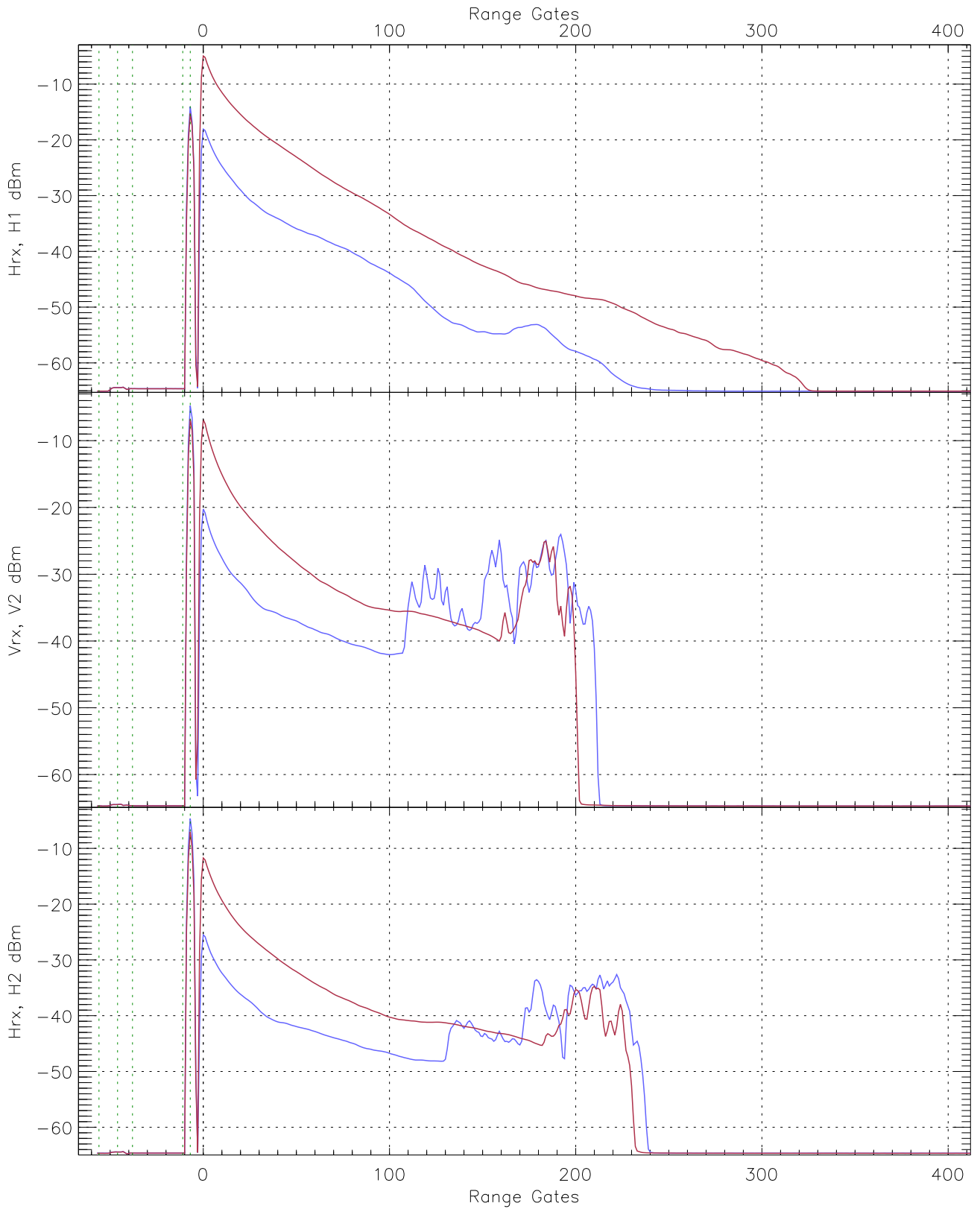
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.58	-63.61	-65.08	-65.09	-76.57
Vrx, V2 (RM [dBm])	-66.17	-63.50	-64.70	-64.71	-76.20
Hrx, H2 (RM [dBm])	-65.93	-63.50	-64.66	-64.66	-76.18

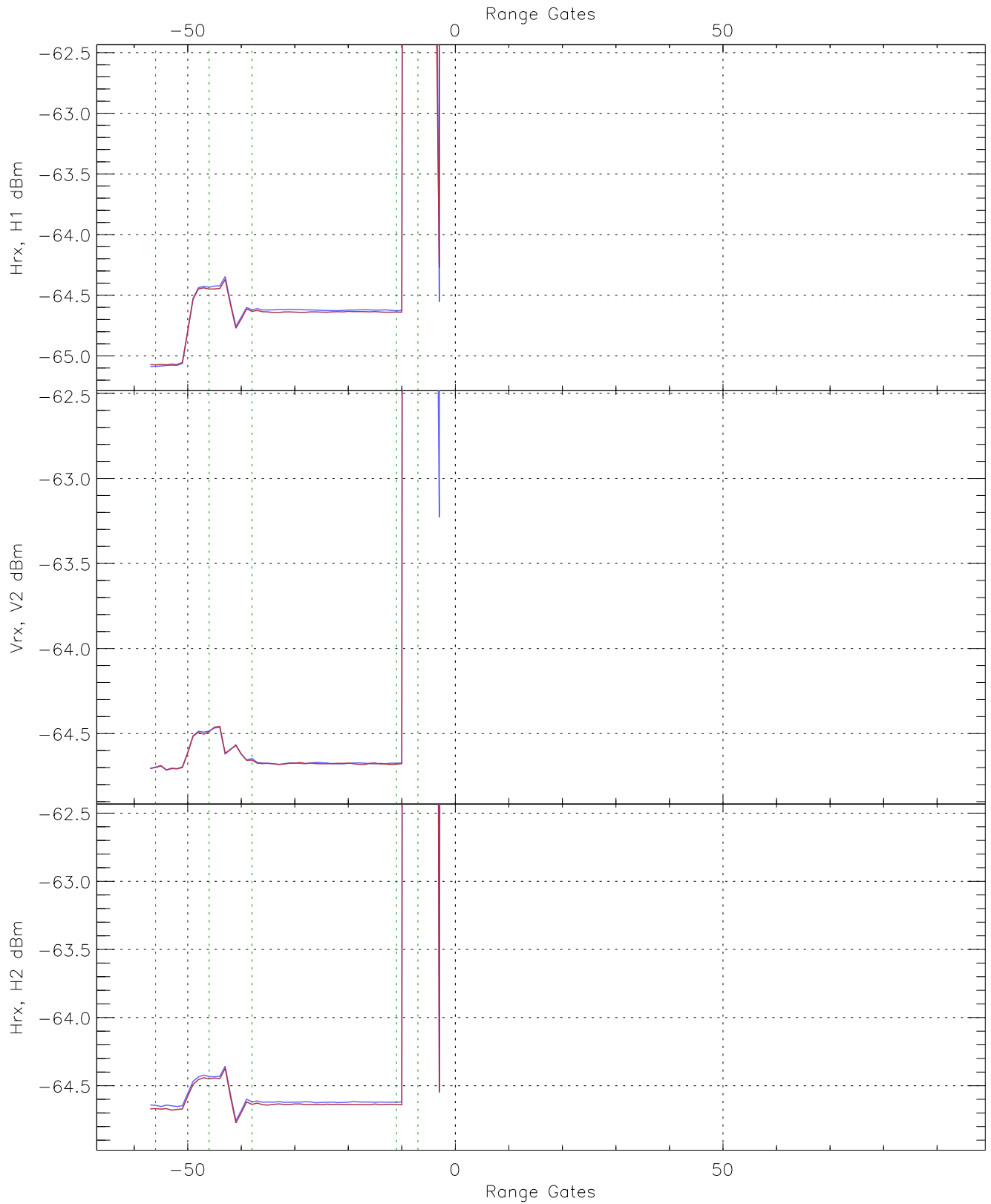


WCR3 CPP "Best" estimate Receivers Noise Power

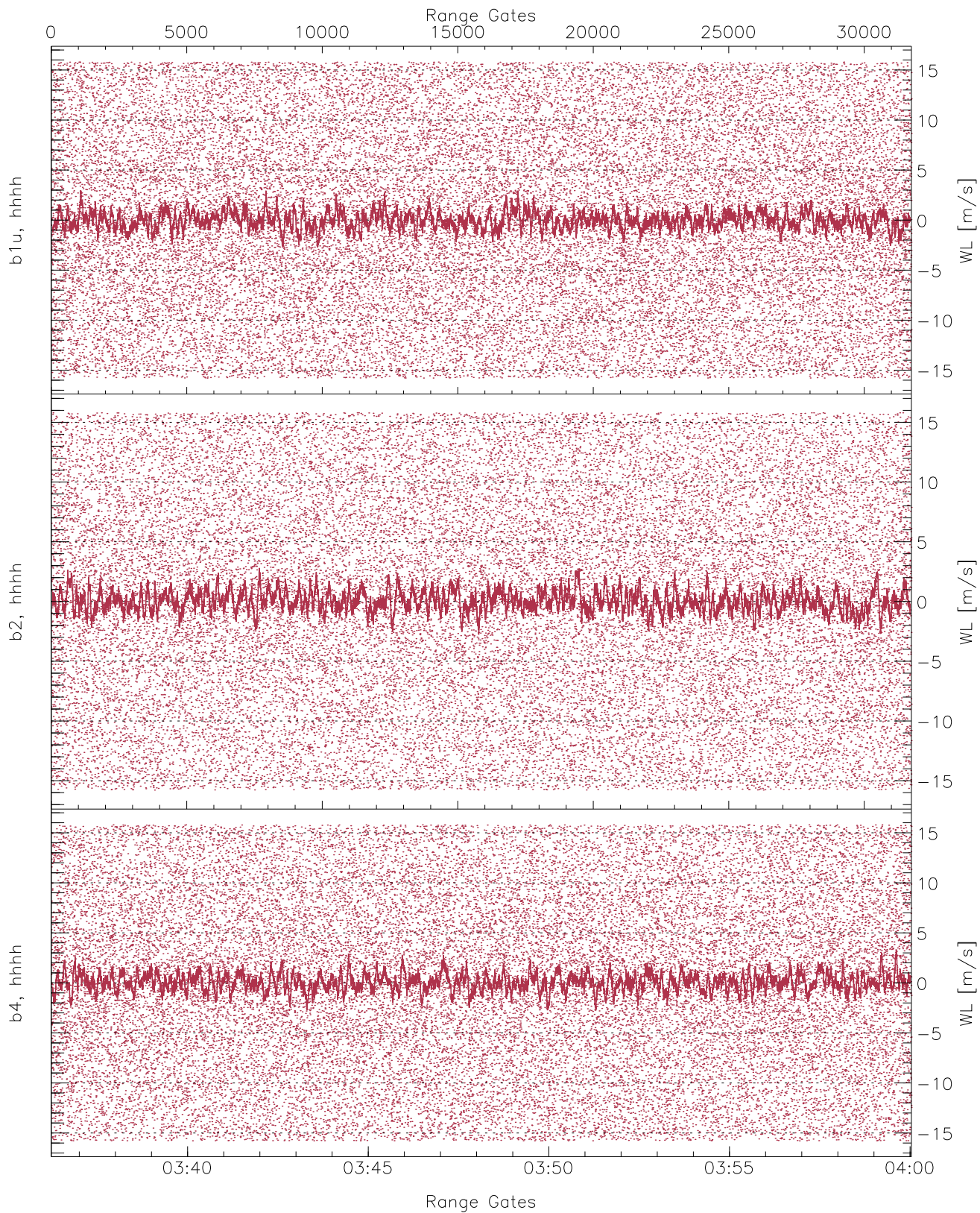
	Min	Max	Mean	Median	StDev
H1RG347_0 [dBm]	-66.52	-63.91	-65.08	-65.09	-76.56
V2RM_0 [dBm]	-66.19	-63.51	-64.71	-64.72	-76.21
H2RG347_0 [dBm]	-66.11	-63.52	-64.67	-64.67	-76.16



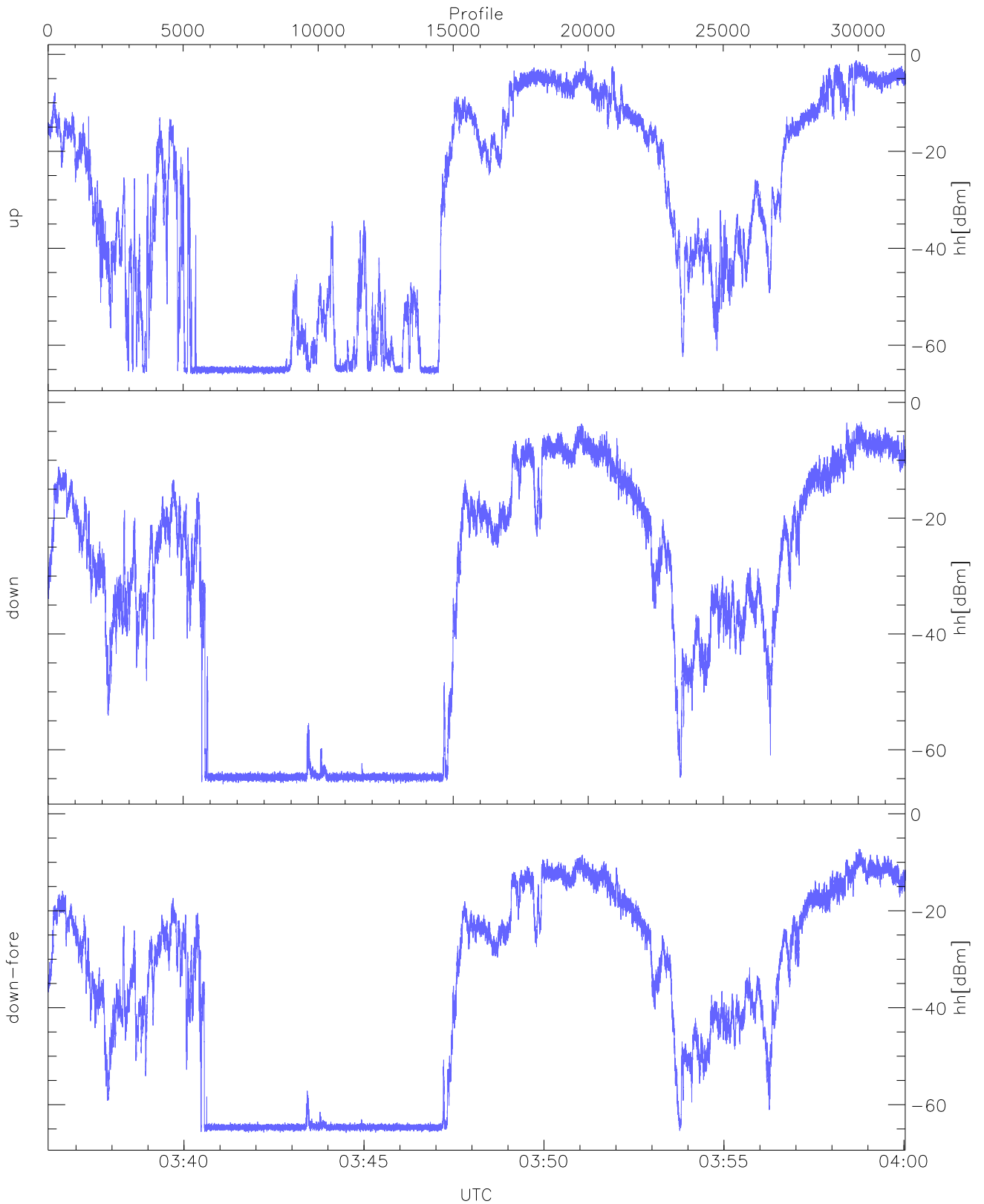
WCR3 CPP Averaged Received power for all recorded gates
blue: 033614-034808, 15871 profiles averaged
red: 034808-040002, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 033614-034808, 15871 profiles averaged
red: 034808-040002, 15871 profiles averaged

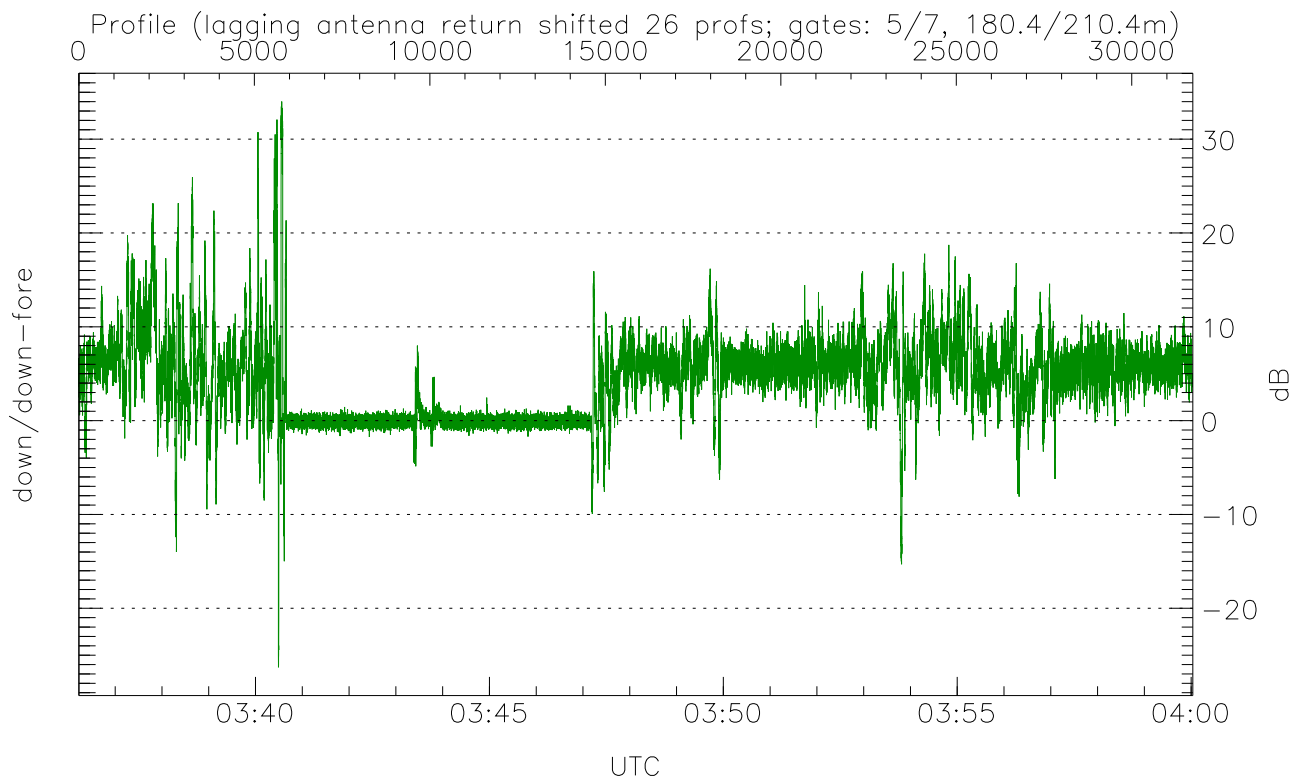
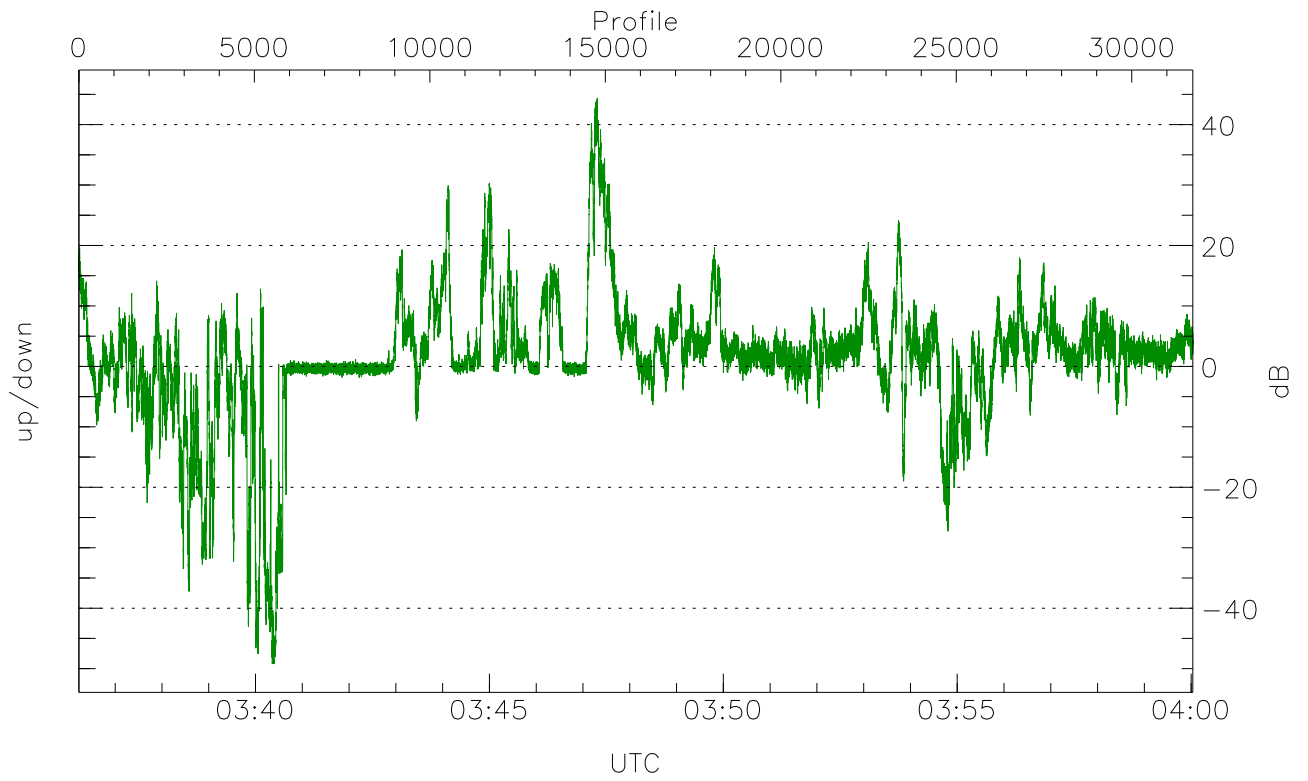


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



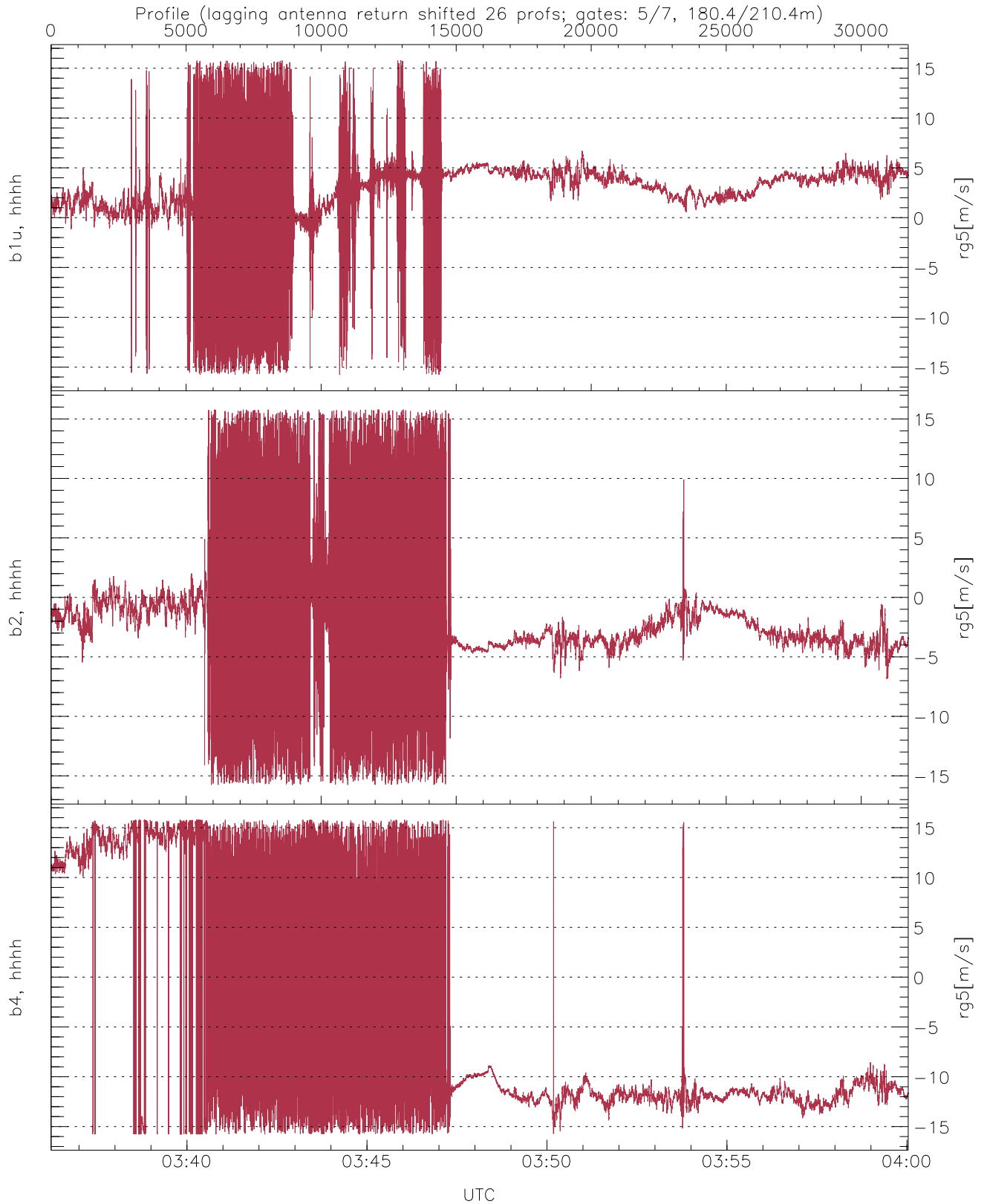
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.14	-1.23	-11.48
down(hh[dBm])	-65.95	-3.38	-14.31
down-fore(hh[dBm])	-65.81	-7.24	-18.72



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

	Min	Max	Mean
up/down (dB)	-49.24	44.35	1.40
down/down-fore (dB)	-26.29	34.01	4.33



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	2.63	3.83
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.89	4.73
b4, hhhh(rg5[m/s])	-15.79	15.79	-4.42	10.58