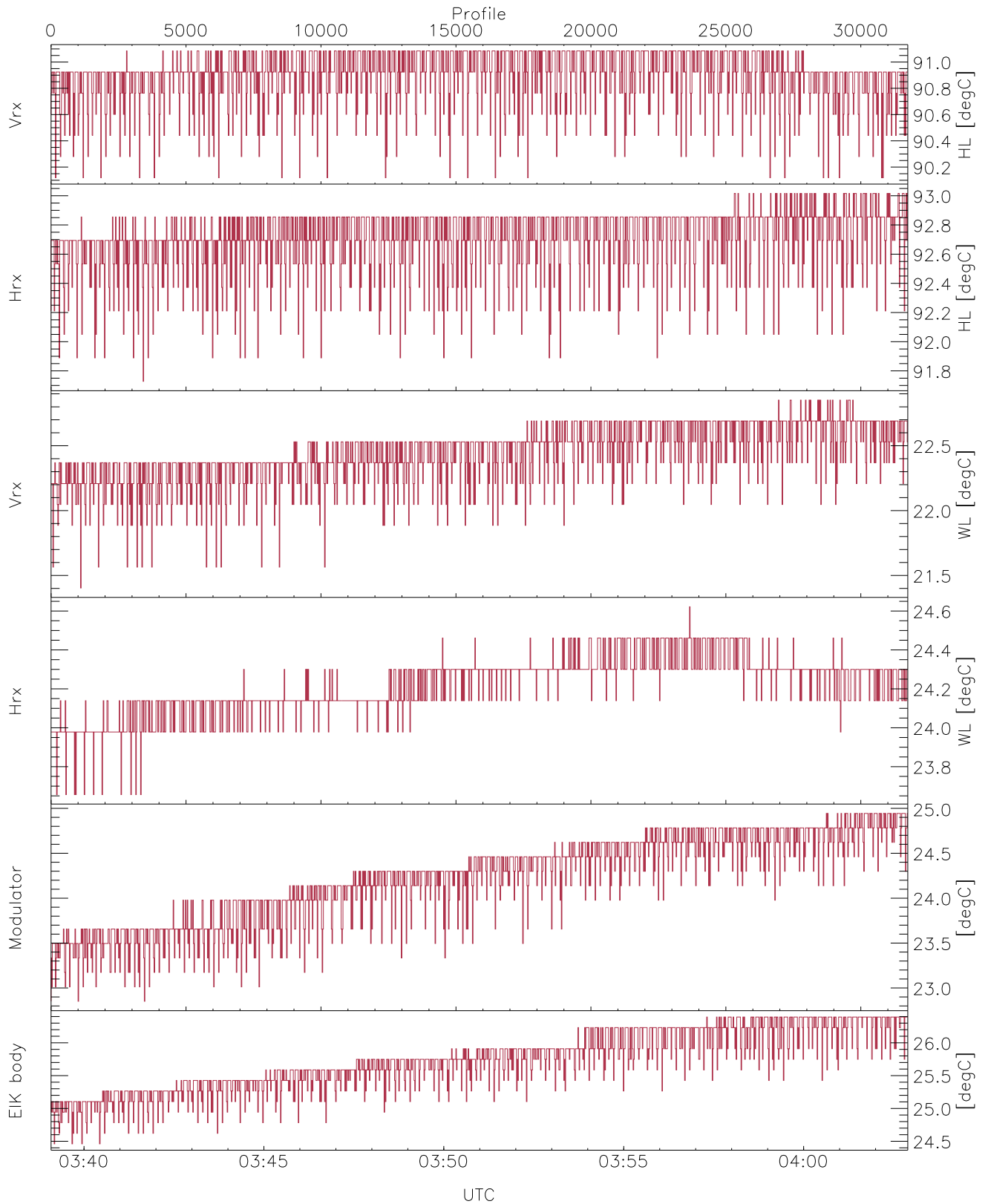


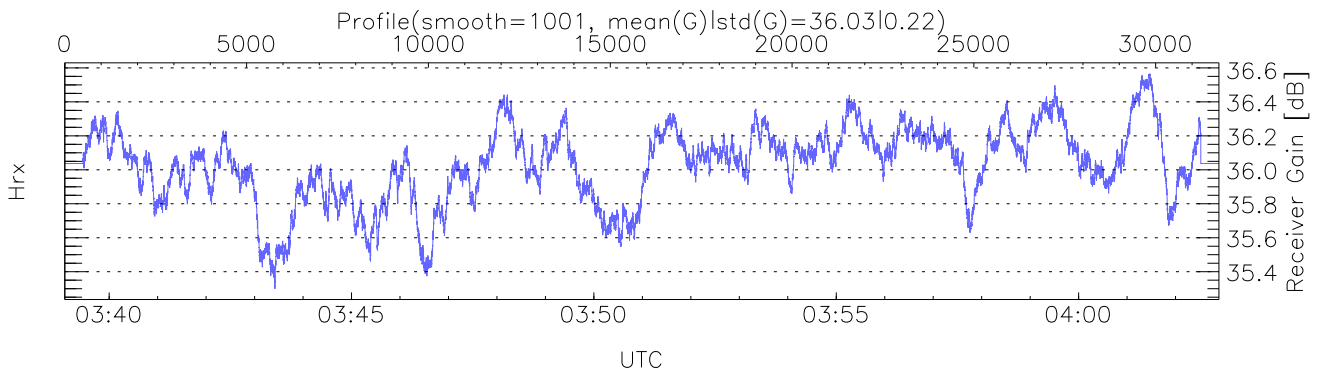
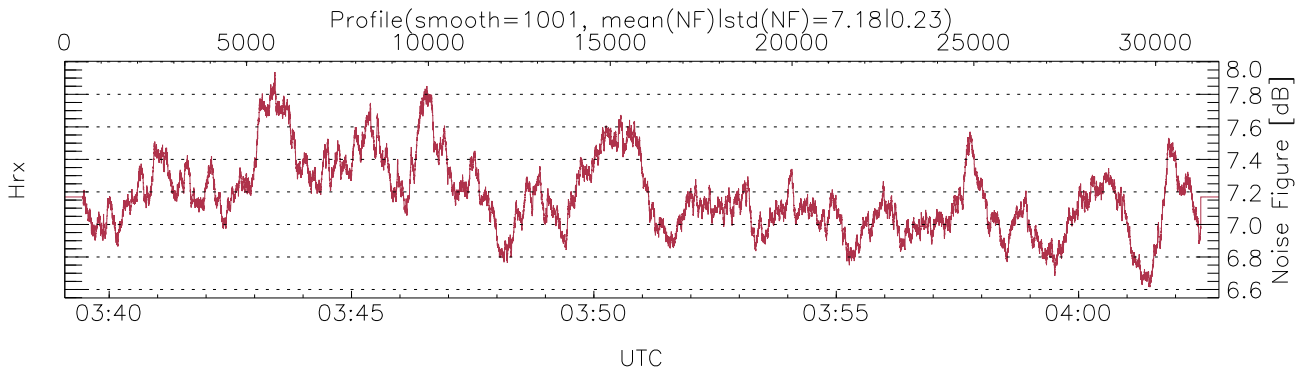
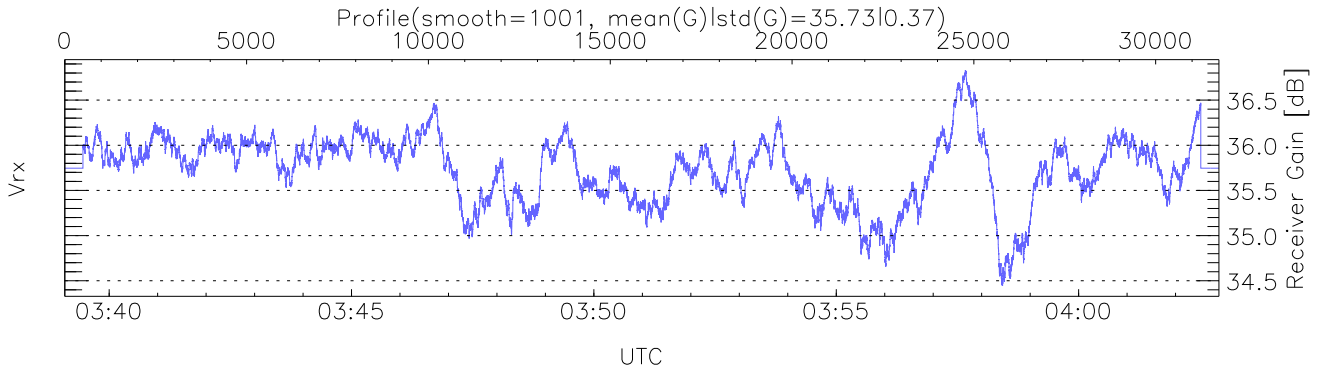
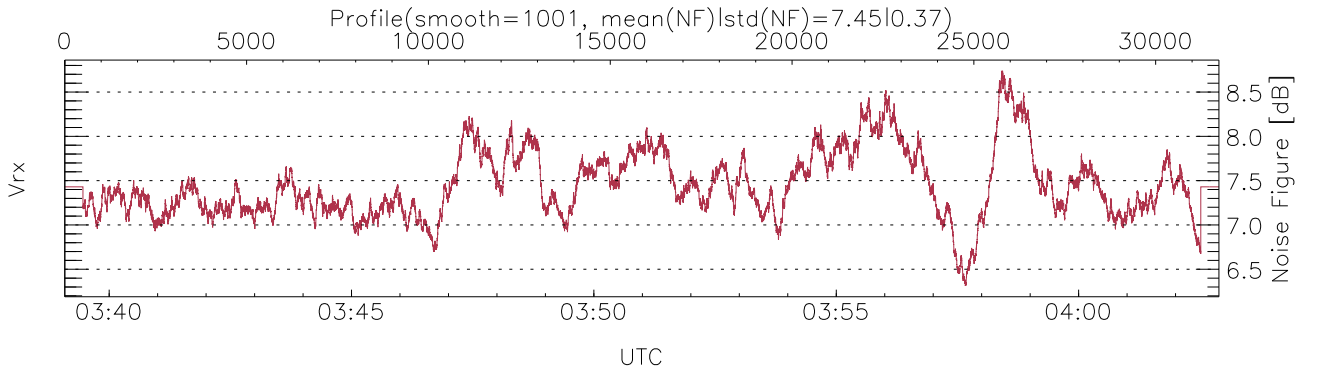
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:39:05-04:02:54, 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, 0-31740/03:39:05-04:02:54
 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



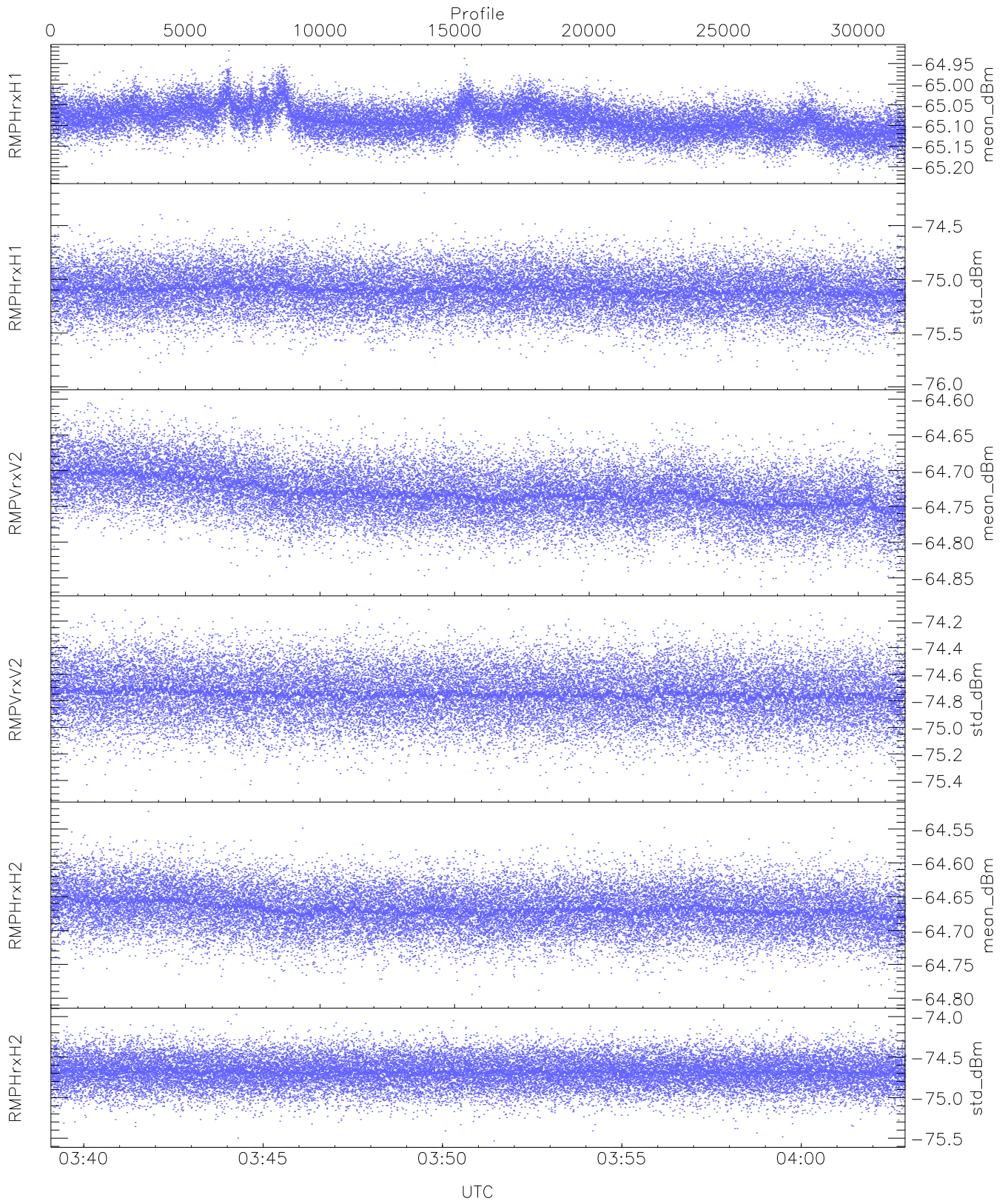
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,22,24
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,22,24,24,26
 LOalarm(20,240,2817,14861 MHz): 0,0,68,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (23,23,23,23,23,23,23,23)



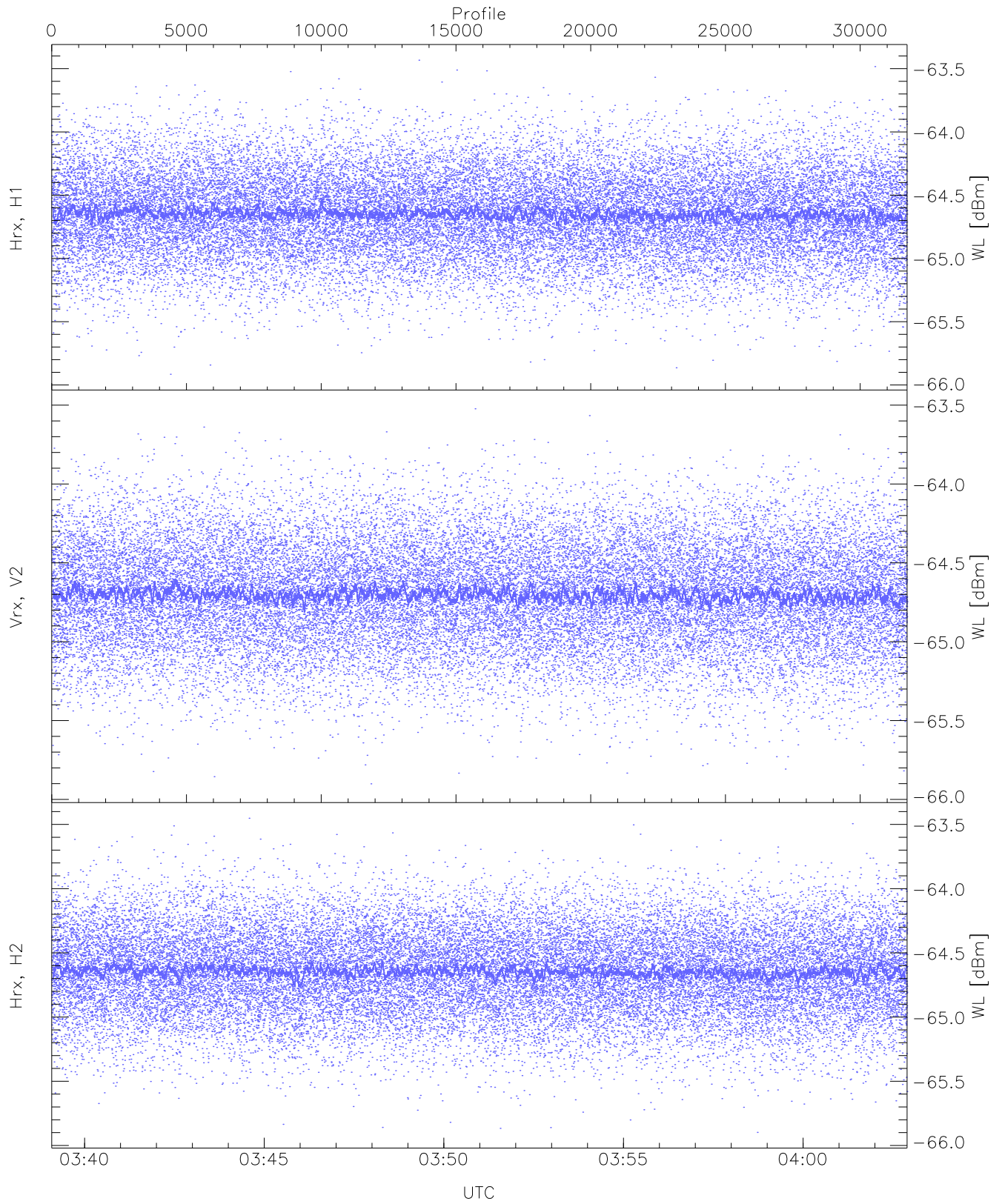
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 16 pixs, 3 gates, 15 profs, 1 prod(s)



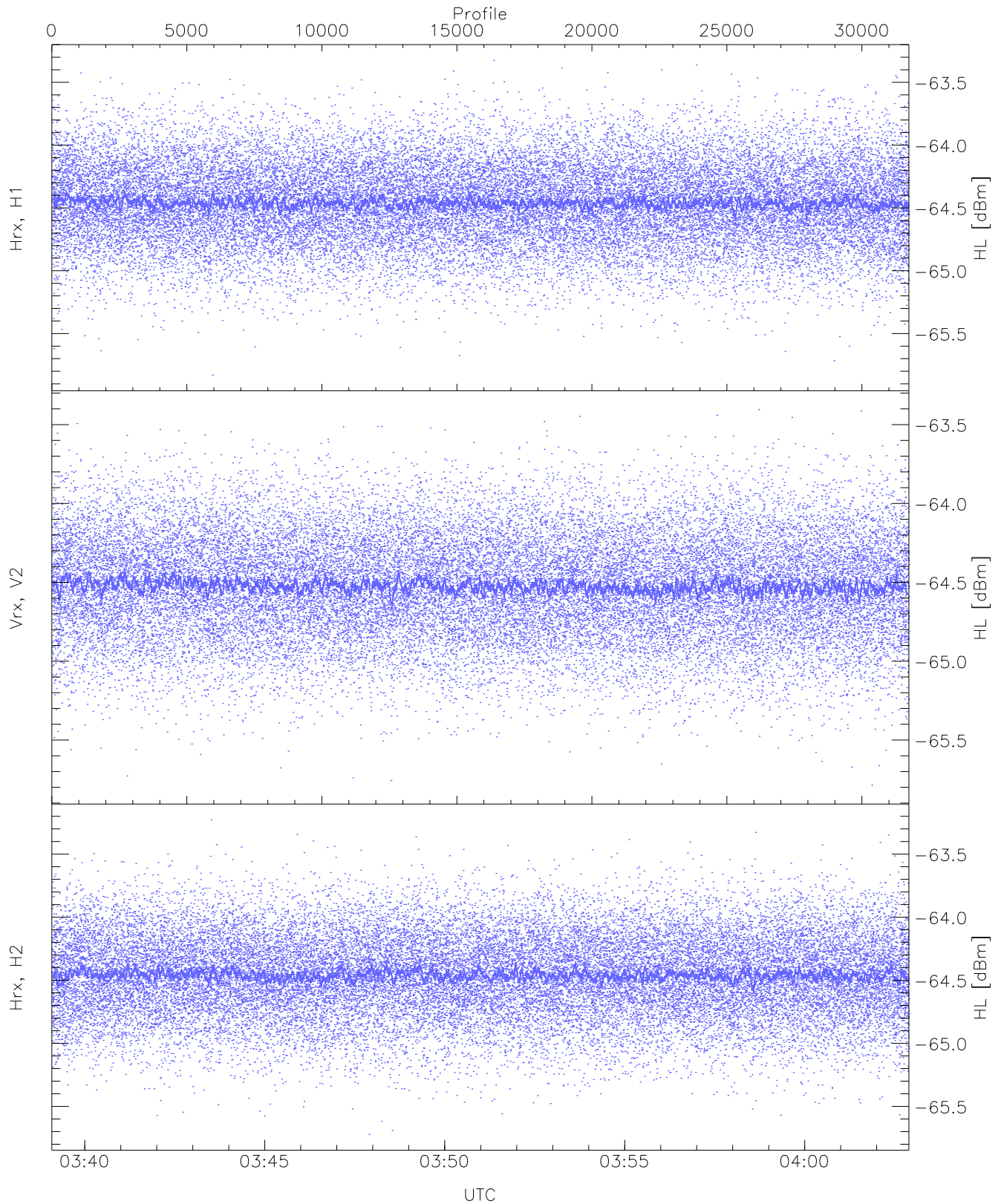
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.23	-64.92	-65.09	-65.09	-85.84
RMPHrxH1 (std_dBm)	-75.94	-74.20	-75.10	-75.10	-88.86
RMPVrxV2 (mean_dBm)	-64.86	-64.60	-64.73	-64.73	-85.82
RMPVrxV2 (std_dBm)	-75.49	-74.08	-74.75	-74.75	-88.53
RMPHrxH2 (mean_dBm)	-64.80	-64.52	-64.67	-64.67	-86.16
RMPHrxH2 (std_dBm)	-75.53	-73.97	-74.68	-74.69	-88.48



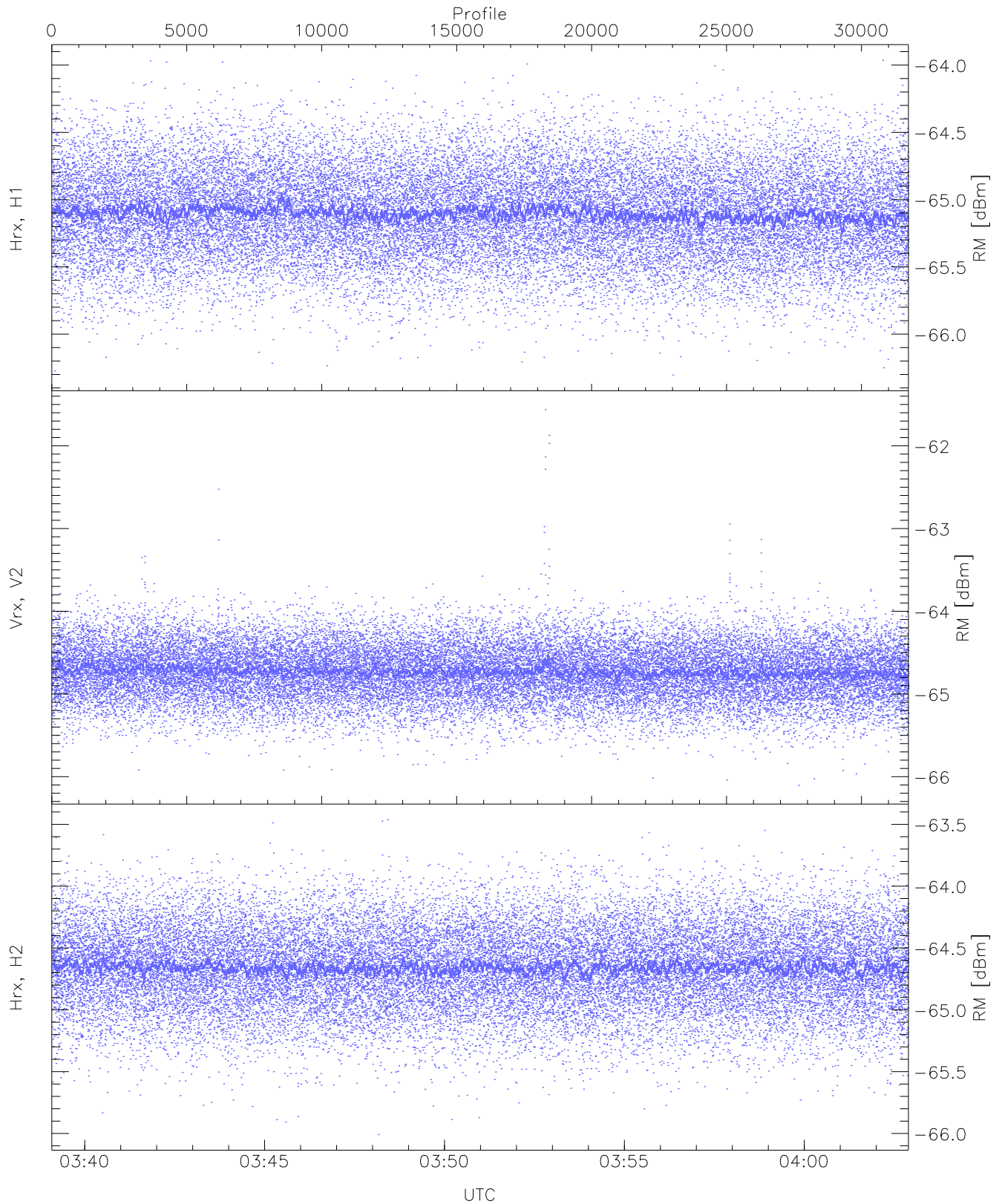
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.92	-63.43	-64.64	-64.65	-76.11
Vrx, V2 (WL [dBm])	-65.90	-63.52	-64.70	-64.70	-76.22
Hrx, H2 (WL [dBm])	-65.90	-63.45	-64.64	-64.65	-76.14



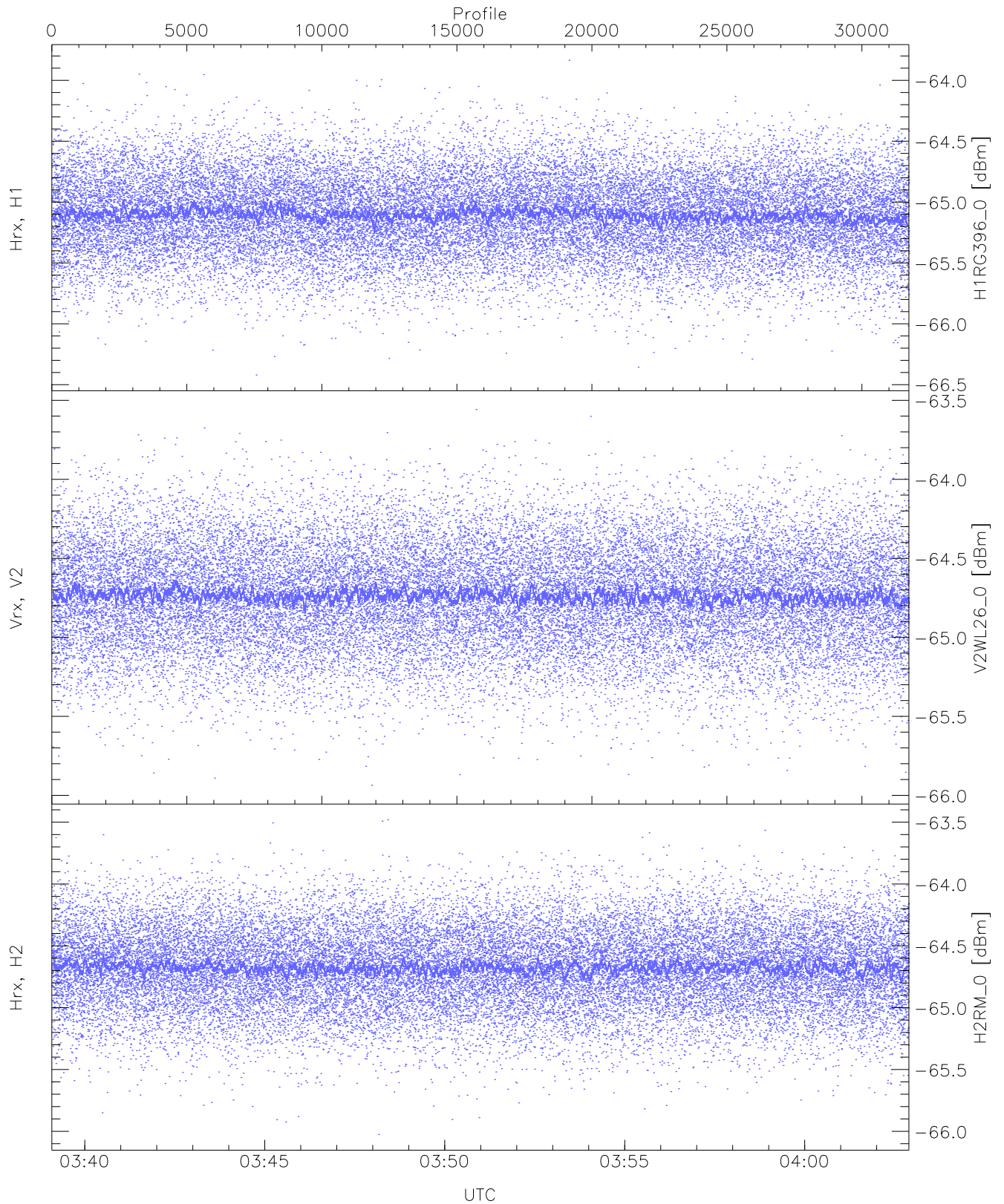
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.83	-63.32	-64.45	-64.46	-75.96
Vrx, V2 (HL [dBm])	-65.79	-63.40	-64.52	-64.53	-76.04
Hrx, H2 (HL [dBm])	-65.72	-63.23	-64.45	-64.46	-75.95



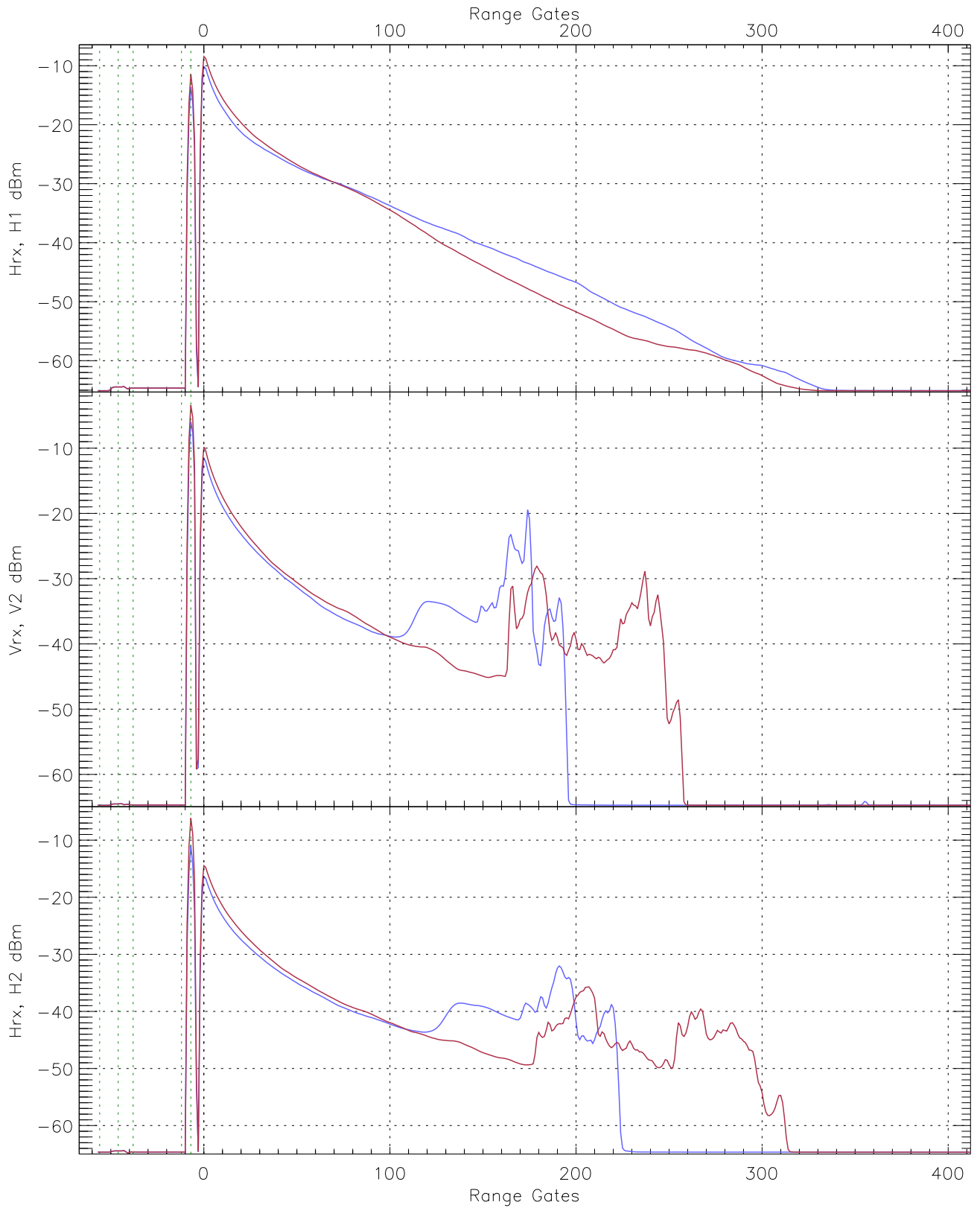
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.30	-63.96	-65.10	-65.11	-76.56
Vrx, V2 (RM [dBm])	-66.10	-61.56	-64.72	-64.73	-76.11
Hrx, H2 (RM [dBm])	-66.01	-63.46	-64.65	-64.66	-76.16

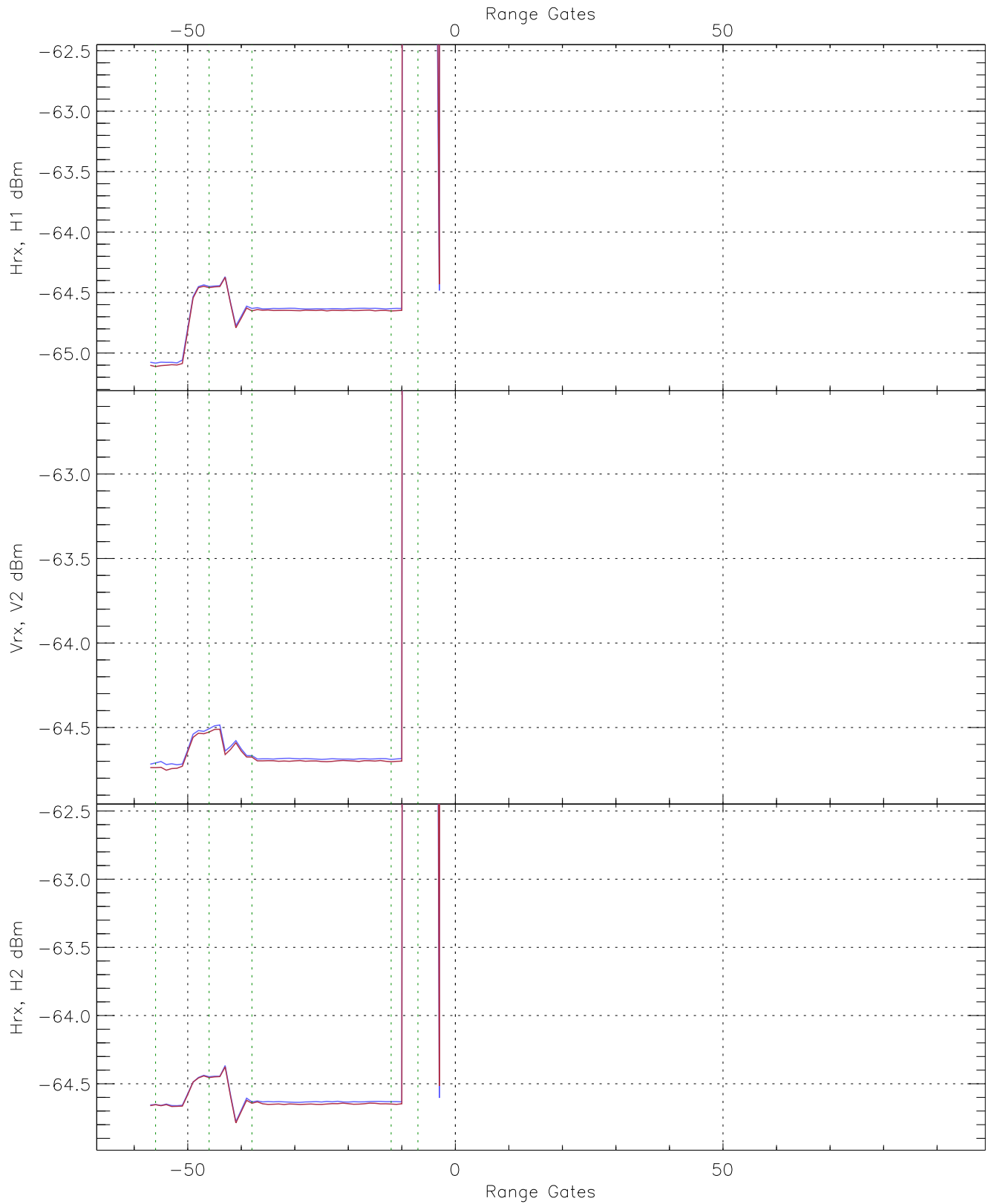


WCR3 CPP "Best" estimate Receivers Noise Power

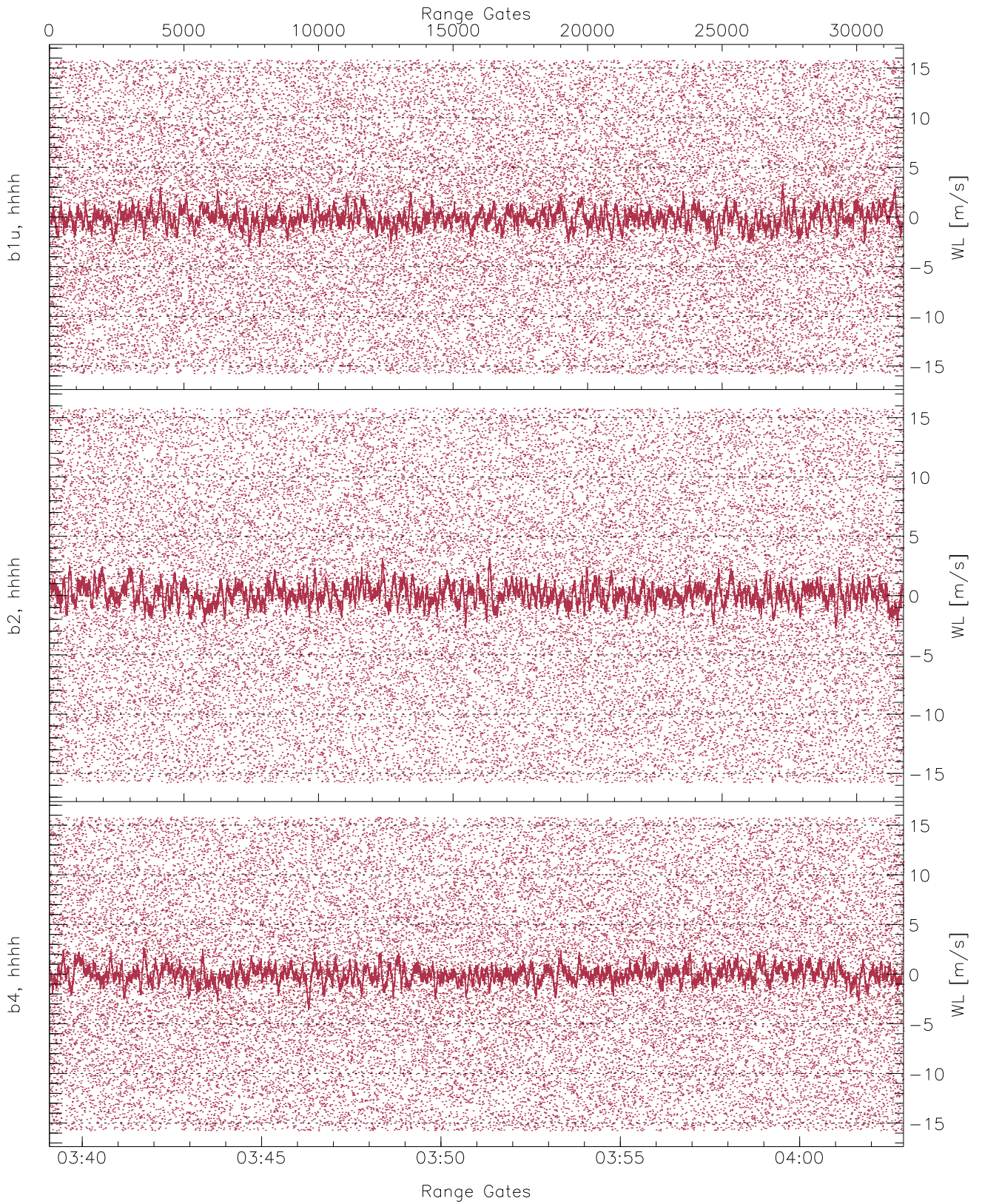
	Min	Max	Mean	Median	StDev
H1RG396_0 [dBm]	-66.42	-63.84	-65.10	-65.10	-76.57
V2WL26_0 [dBm]	-65.94	-63.56	-64.73	-64.74	-76.26
H2RM_0 [dBm]	-66.03	-63.48	-64.67	-64.68	-76.18



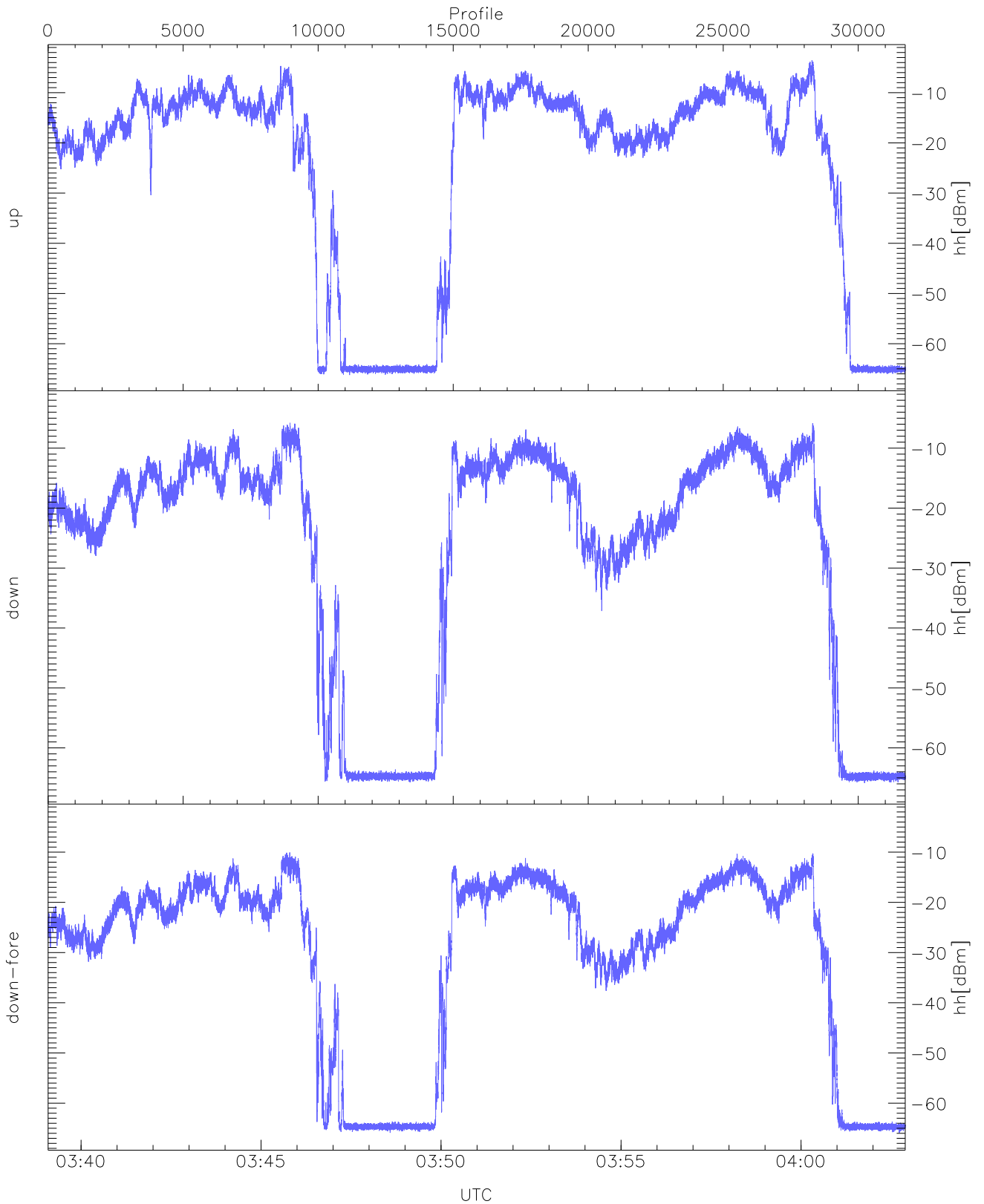
WCR3 CPP Averaged Received power for all recorded gates
blue: 033905-035059, 15871 profiles averaged
red: 035059-040254, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 033905-035059, 15871 profiles averaged
red: 035059-040254, 15871 profiles averaged

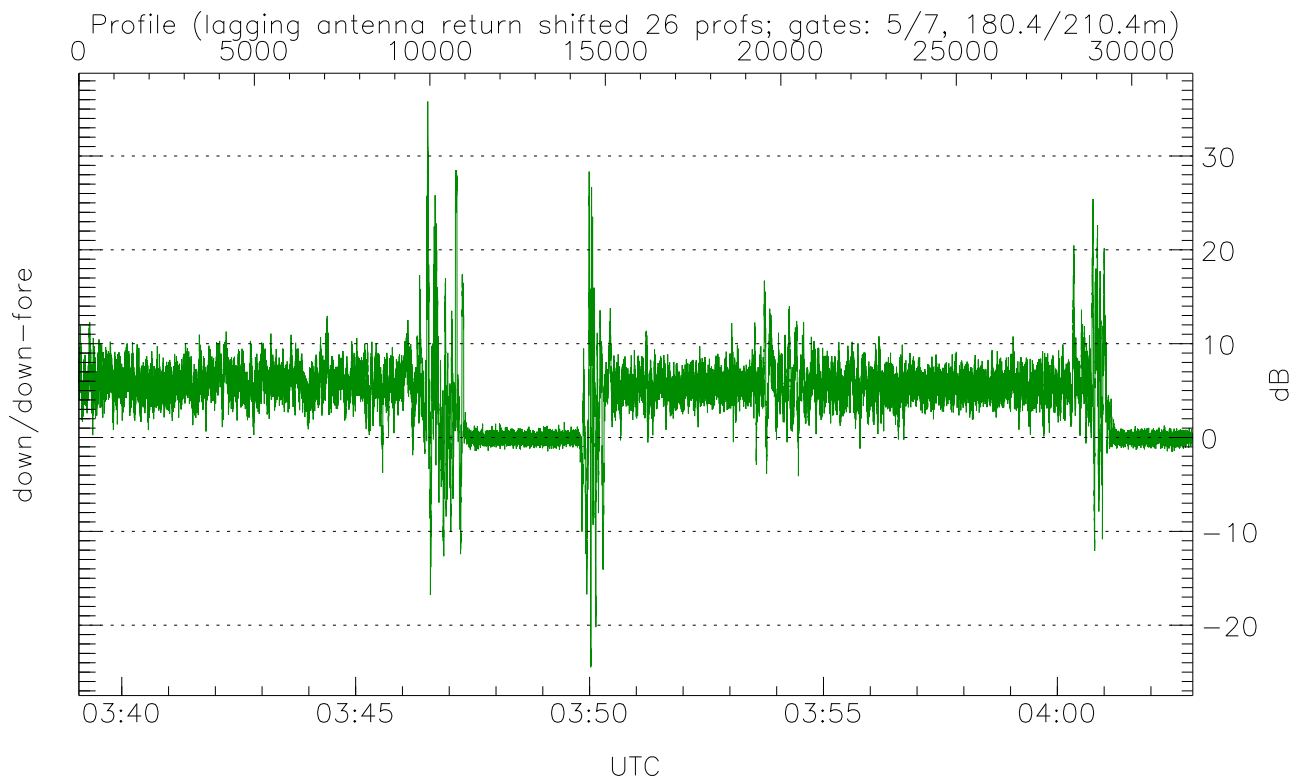
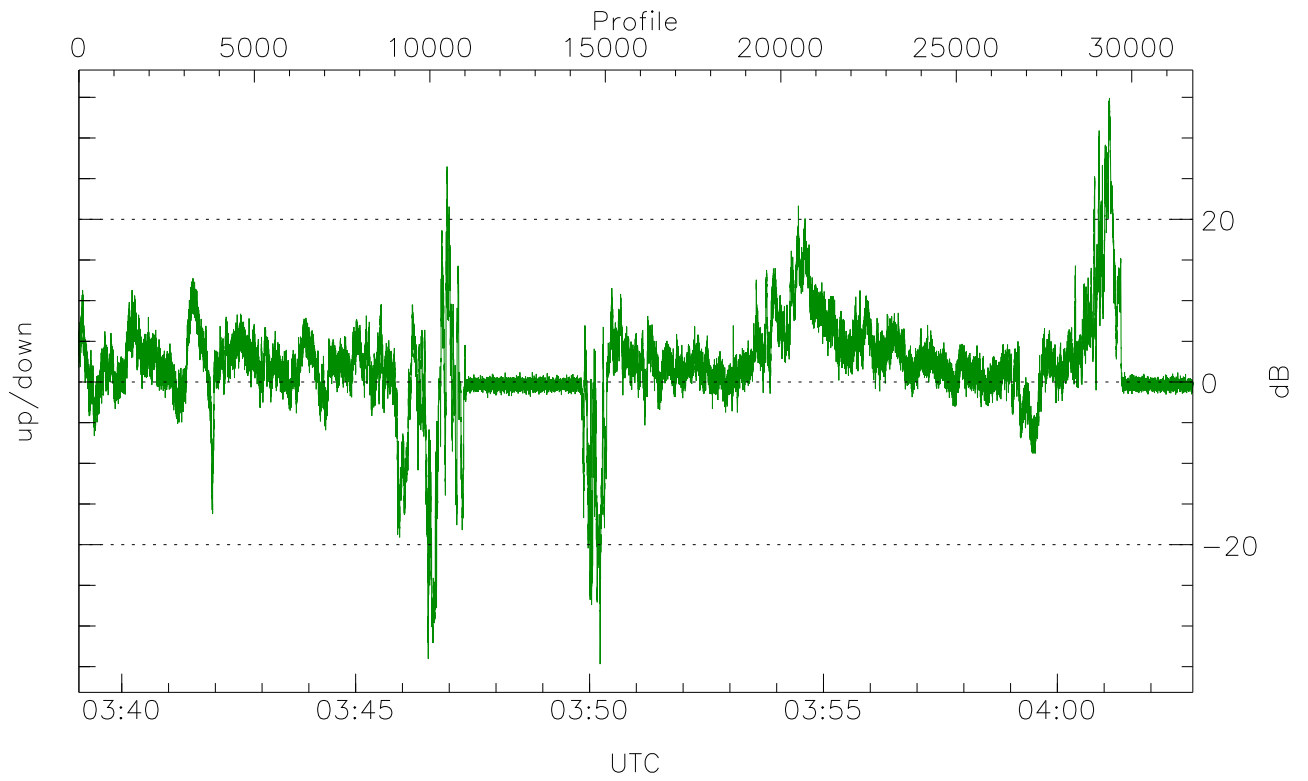


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



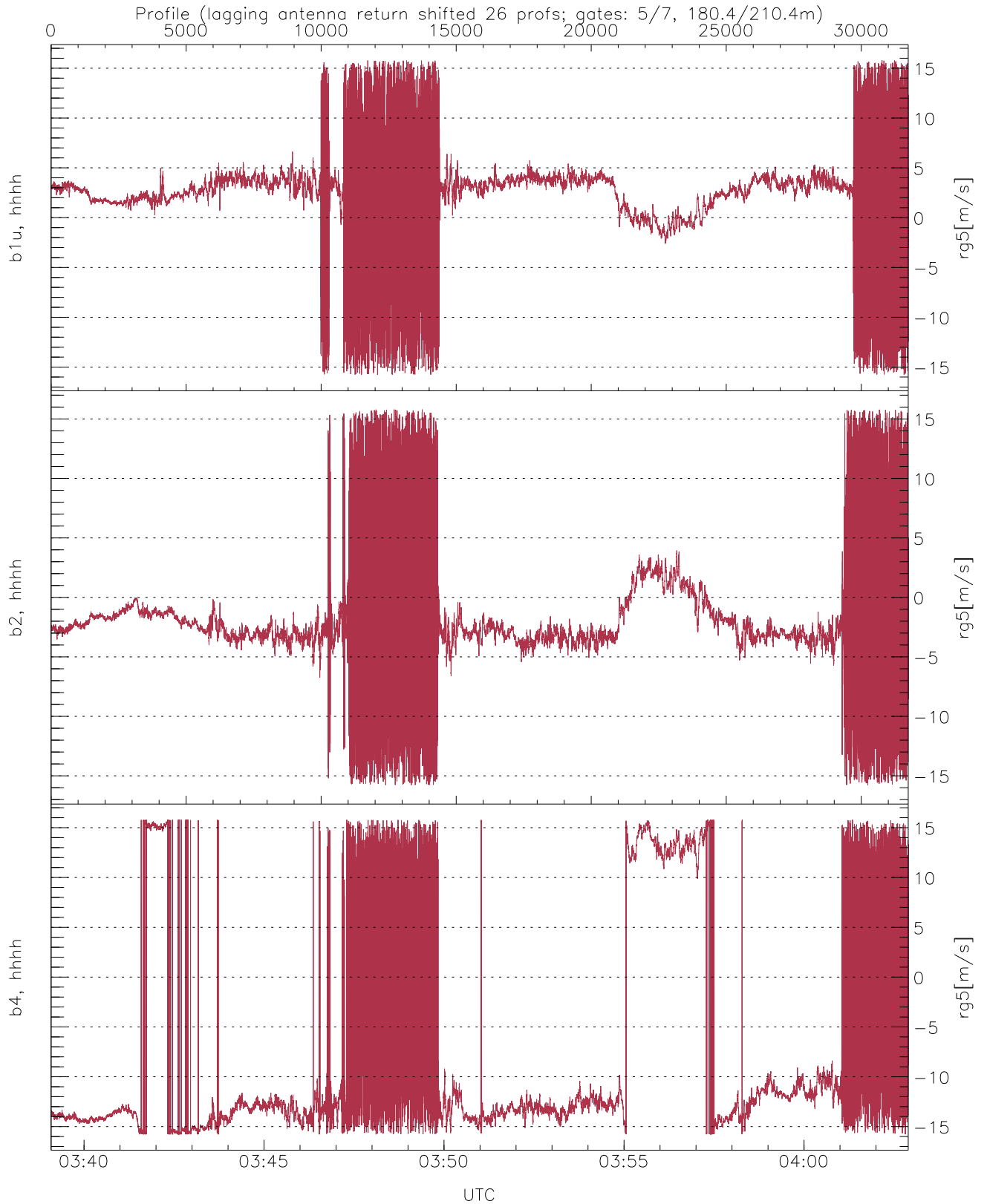
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.23	-3.56	-13.17
down(hh[dBm])	-65.85	-5.78	-14.92
down-fore(hh[dBm])	-65.91	-10.07	-19.19



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

	Min	Max	Mean
up/down (dB)	-34.68	34.88	1.88
down/down-fore (dB)	-24.48	35.80	4.58



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.78	2.22	3.91
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.82	4.07
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.27	10.40