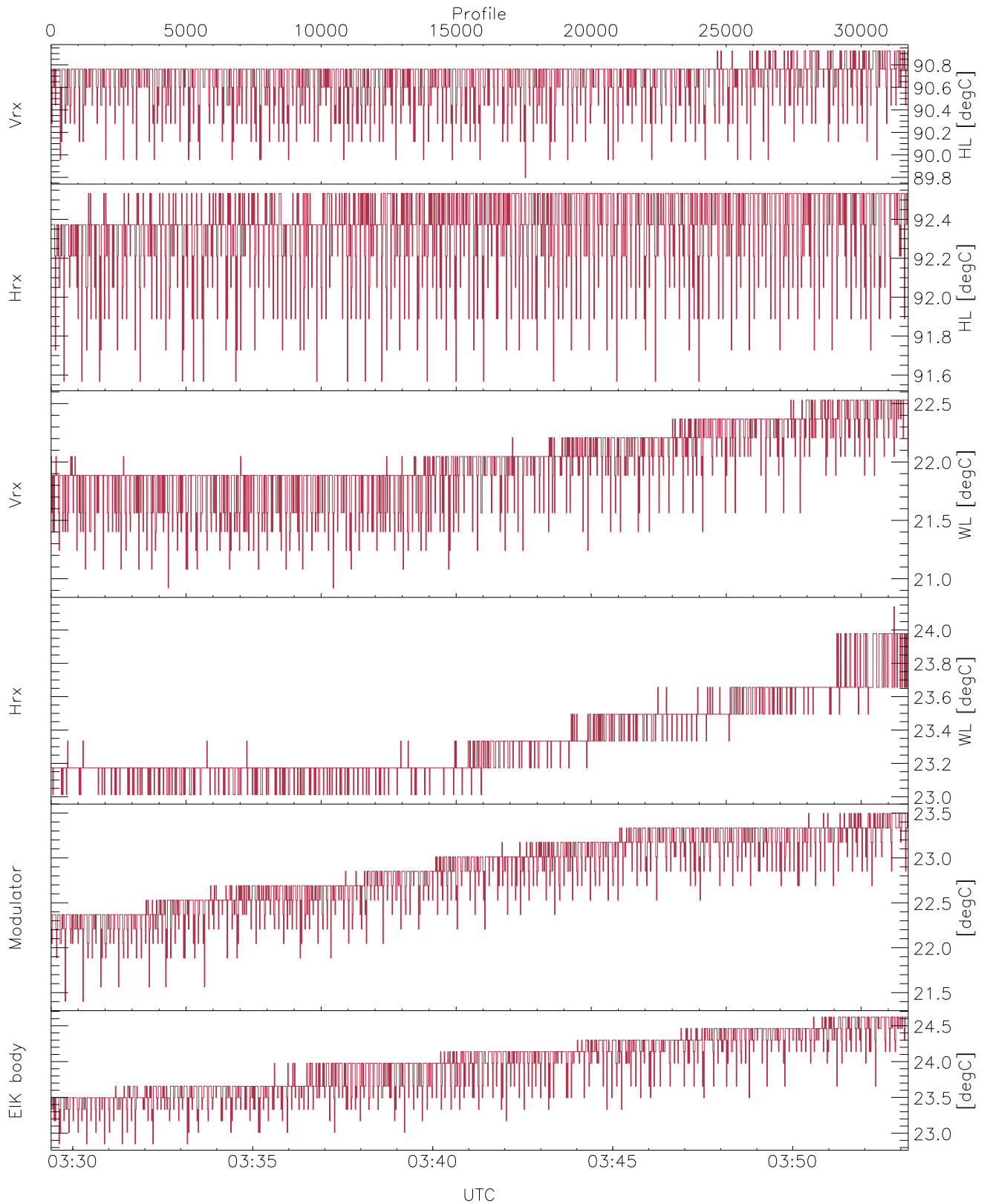


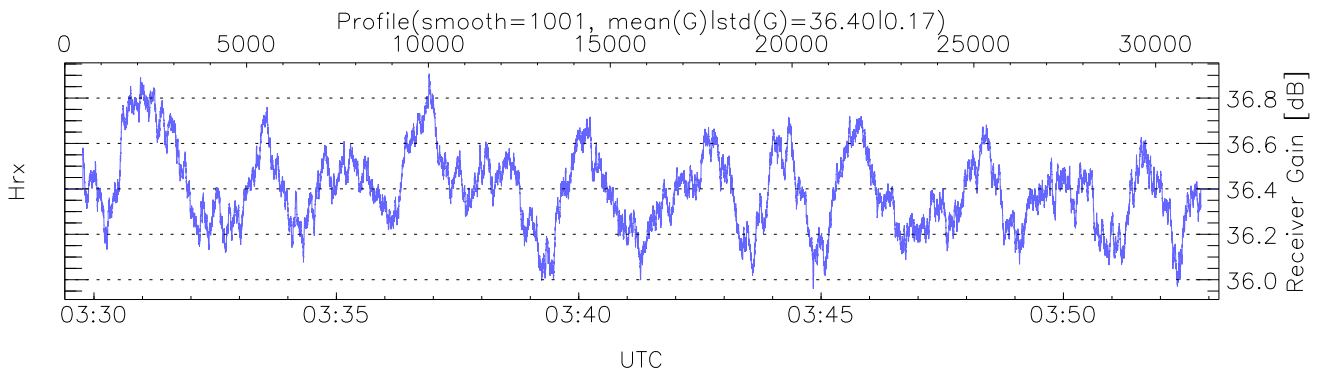
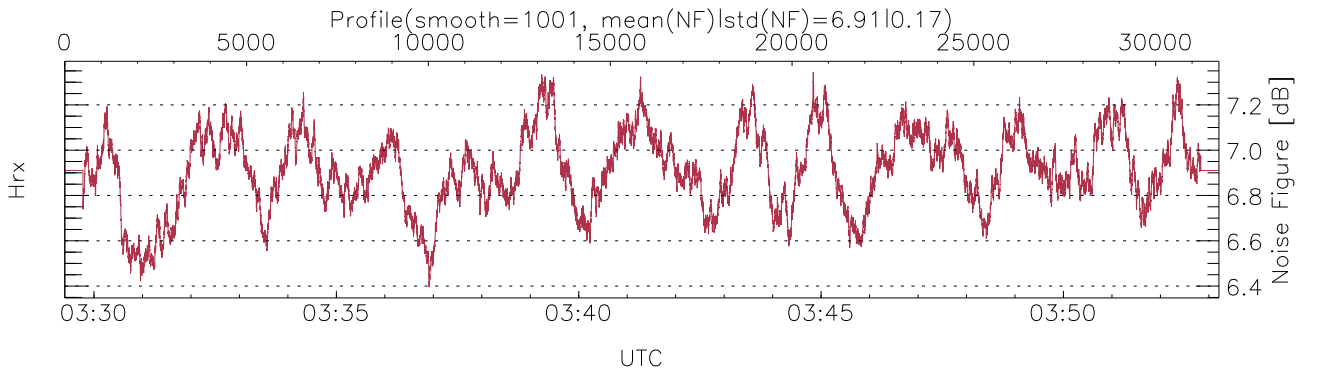
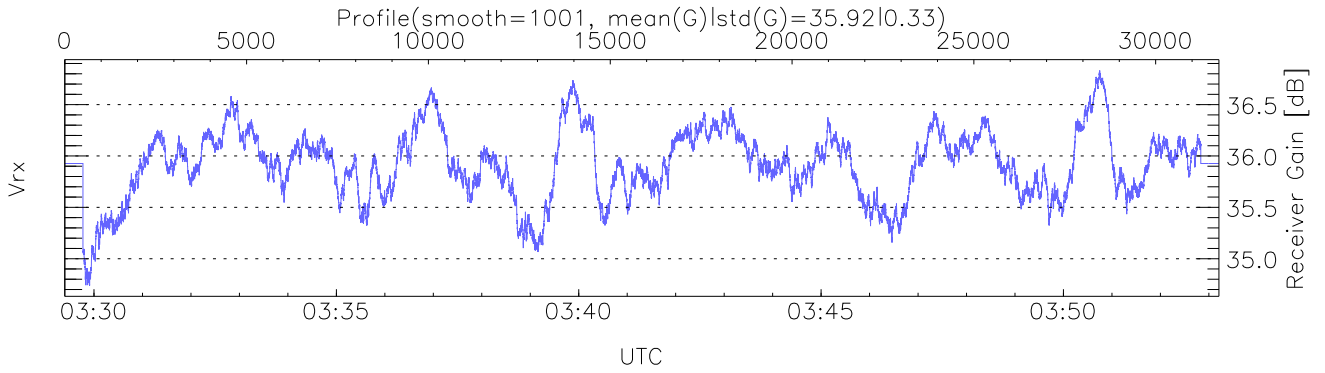
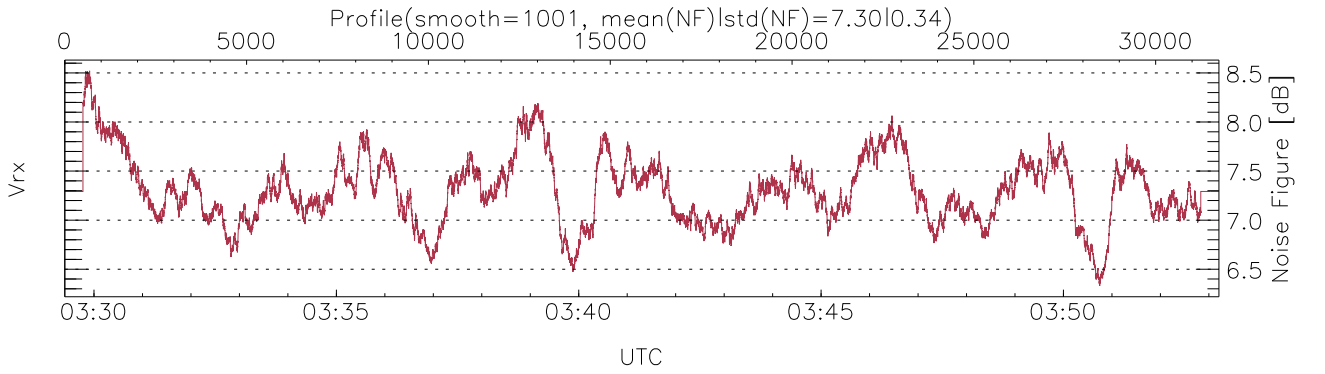
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:29:24-03:53:12, 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, 0-31740/03:29:24-03:53:12
 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



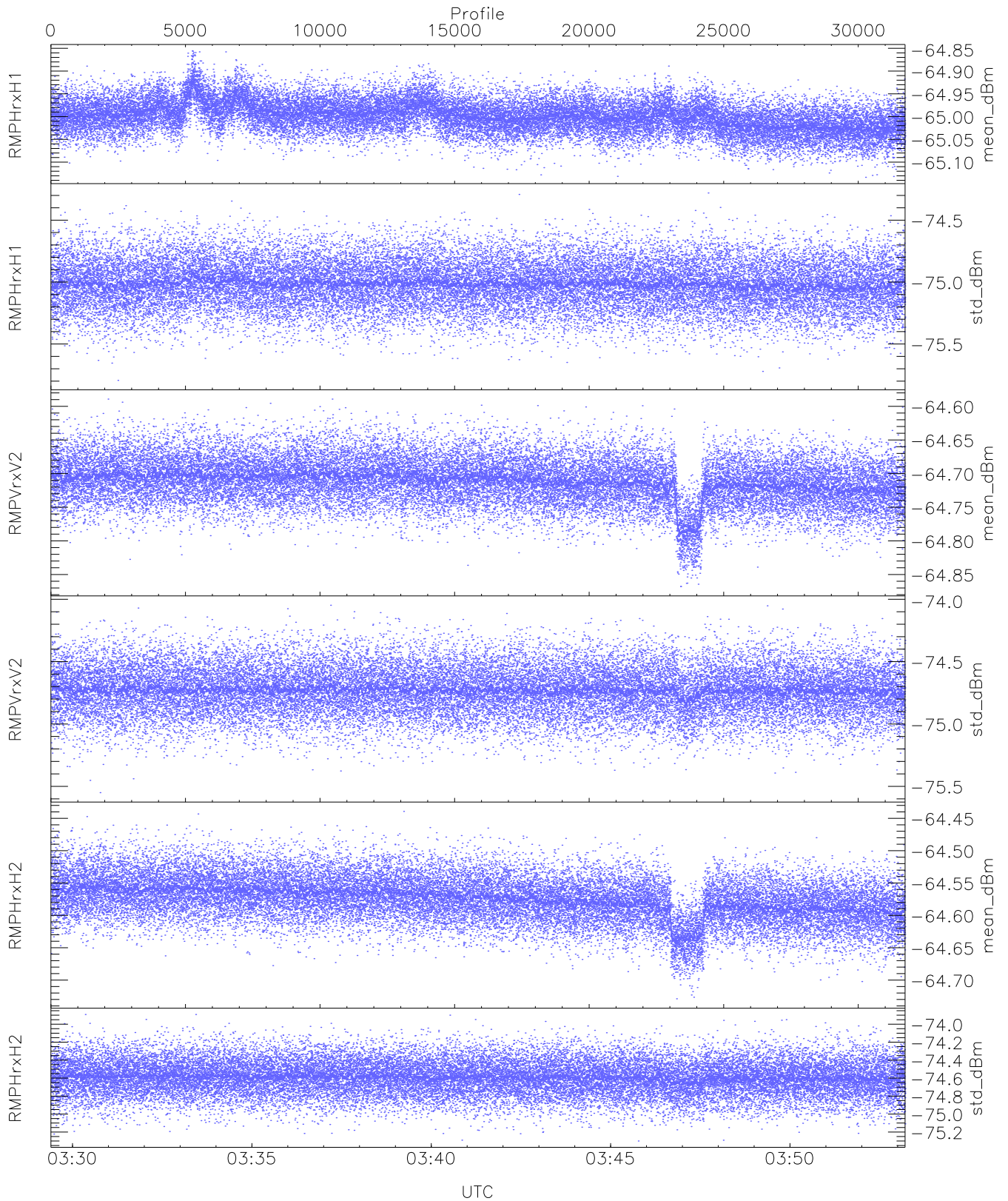
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,20,23,21,22
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,23,24
 LOalarm(20,240,2817,14861 MHz): 0,0,92,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (94,94,94,72,94,94,72,72)



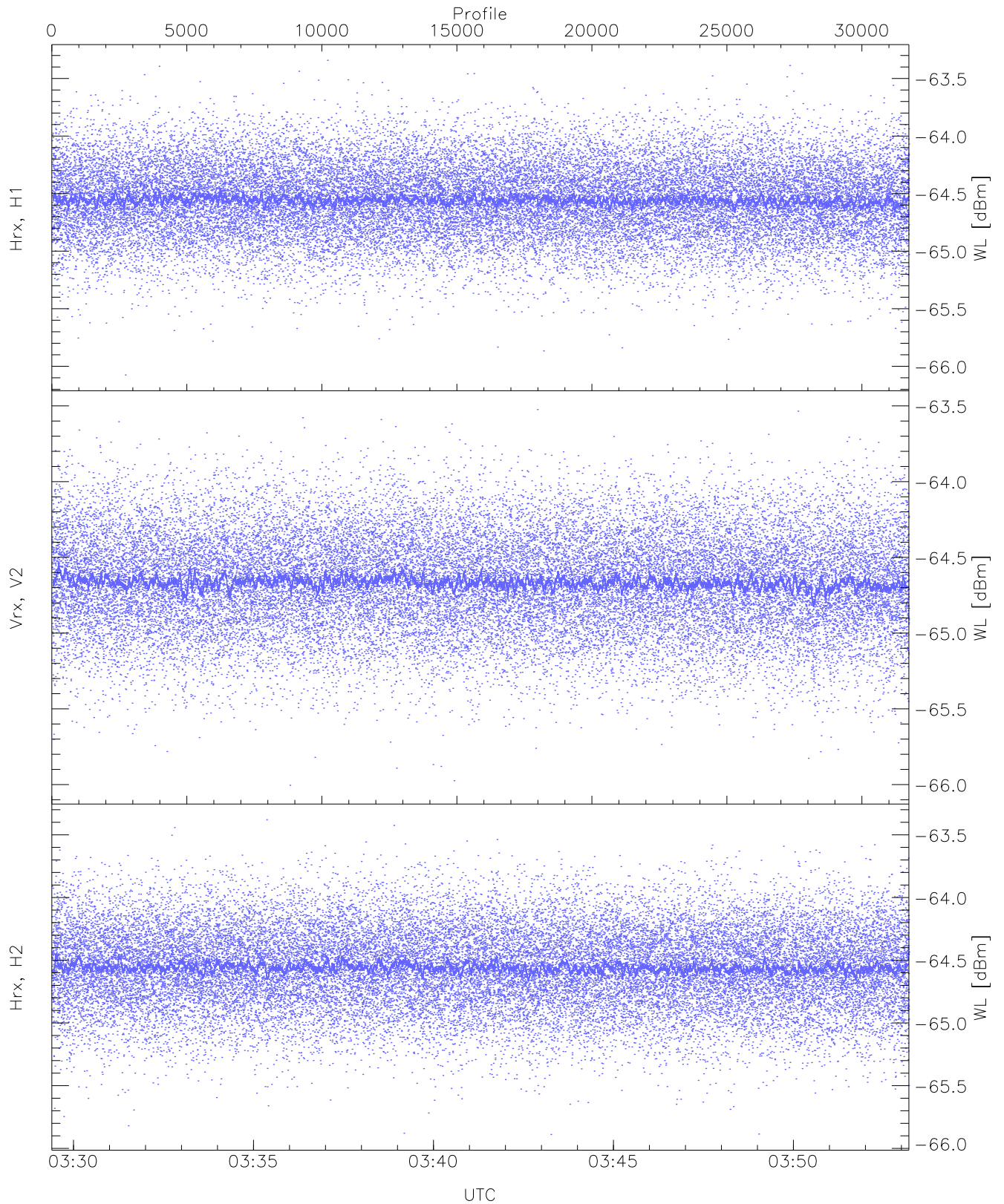
WCR3 CPP Receivers Gain and Noise Figure

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



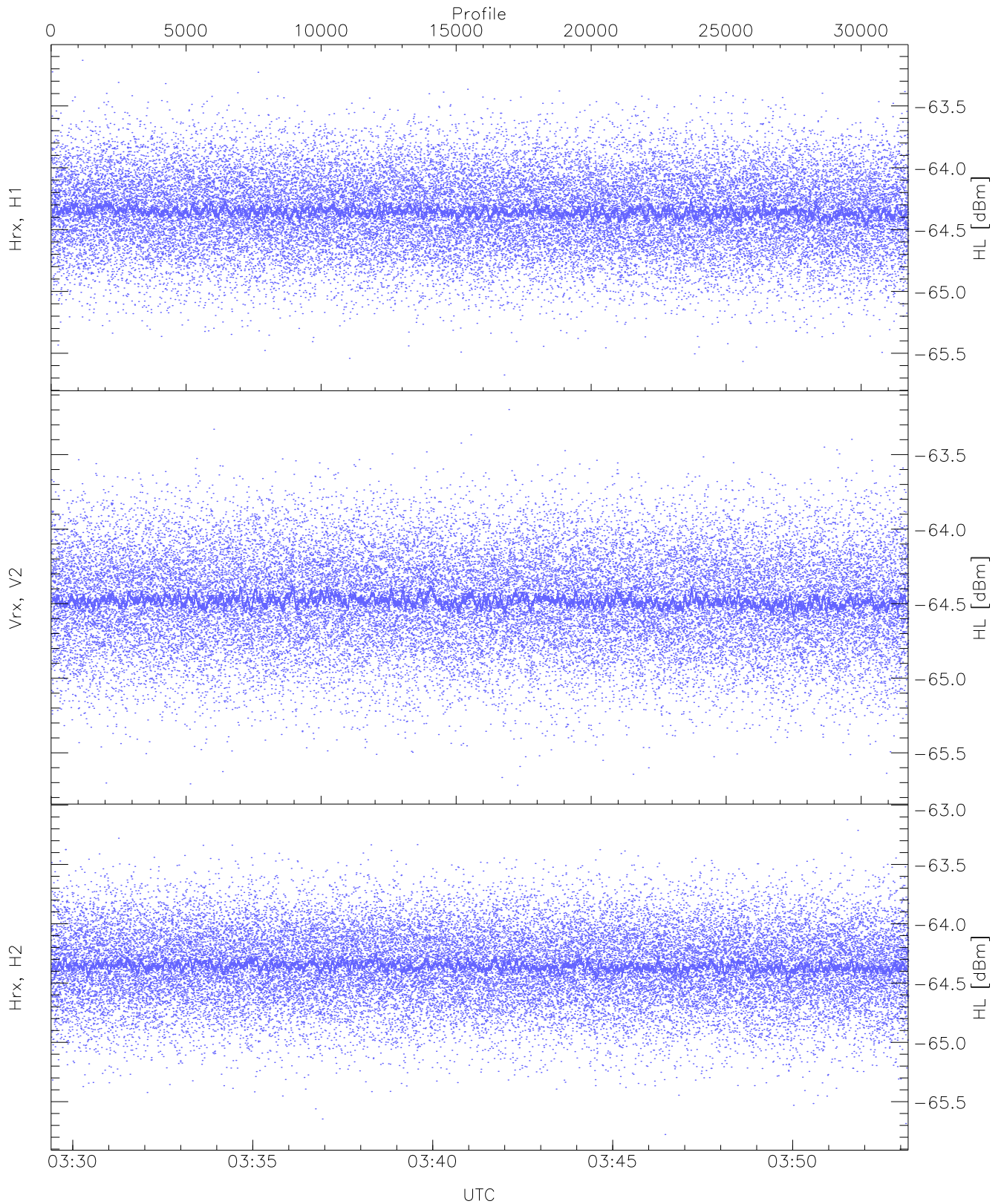
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.13	-64.86	-65.00	-65.00	-85.95
RMPHrxH1(std_dBm)	-75.79	-74.28	-75.01	-75.02	-88.80
RMPVrxV2(mean_dBm)	-64.87	-64.59	-64.71	-64.71	-85.80
RMPVrxV2(std_dBm)	-75.55	-74.05	-74.73	-74.73	-88.52
RMPHrxH2(mean_dBm)	-64.73	-64.44	-64.58	-64.58	-85.59
RMPHrxH2(std_dBm)	-75.30	-73.89	-74.59	-74.59	-88.37



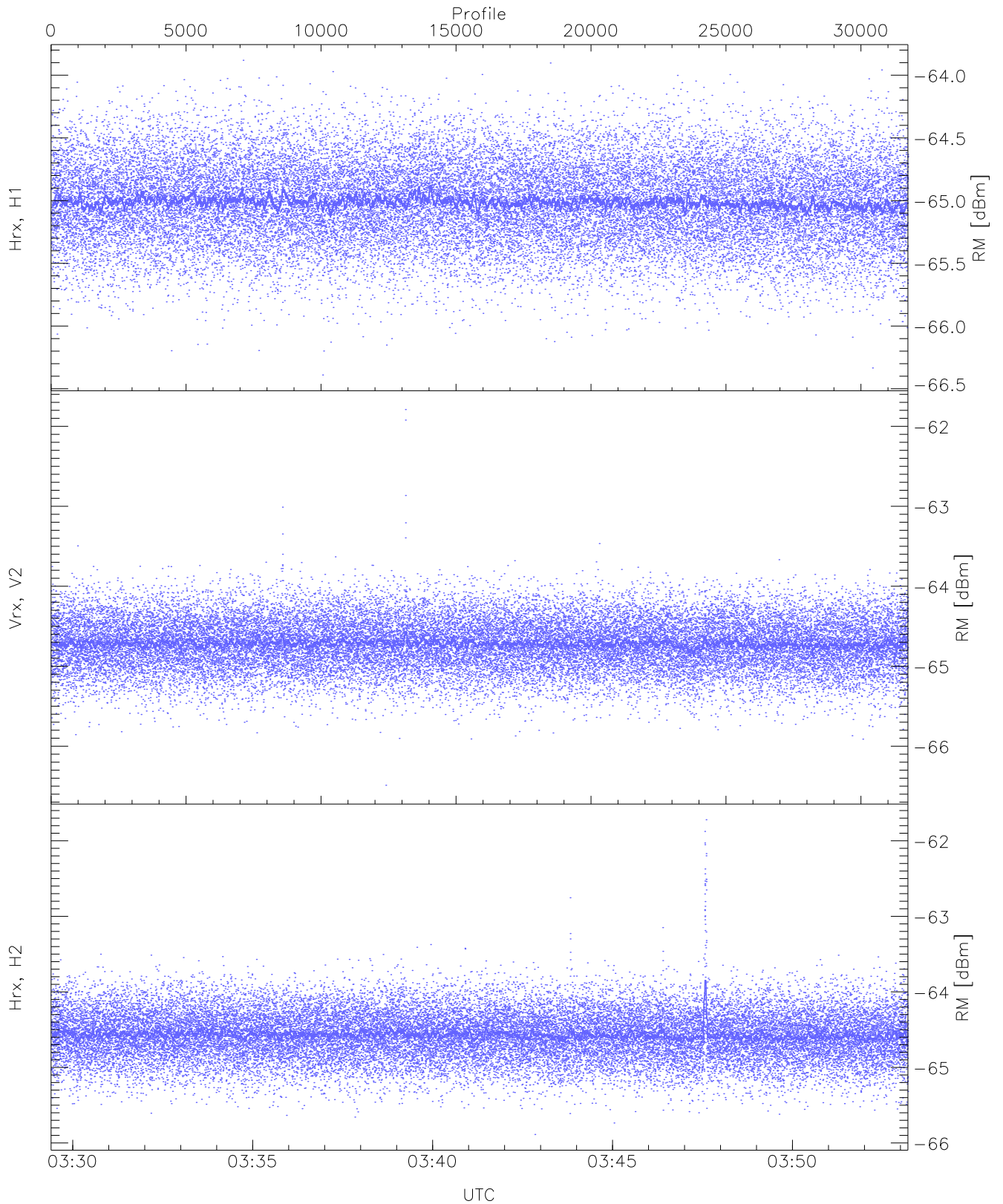
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.08	-63.34	-64.55	-64.56	-76.05
Vrx, V2 (WL [dBm])	-66.00	-63.52	-64.66	-64.67	-76.16
Hrx, H2 (WL [dBm])	-65.89	-63.38	-64.55	-64.56	-76.06



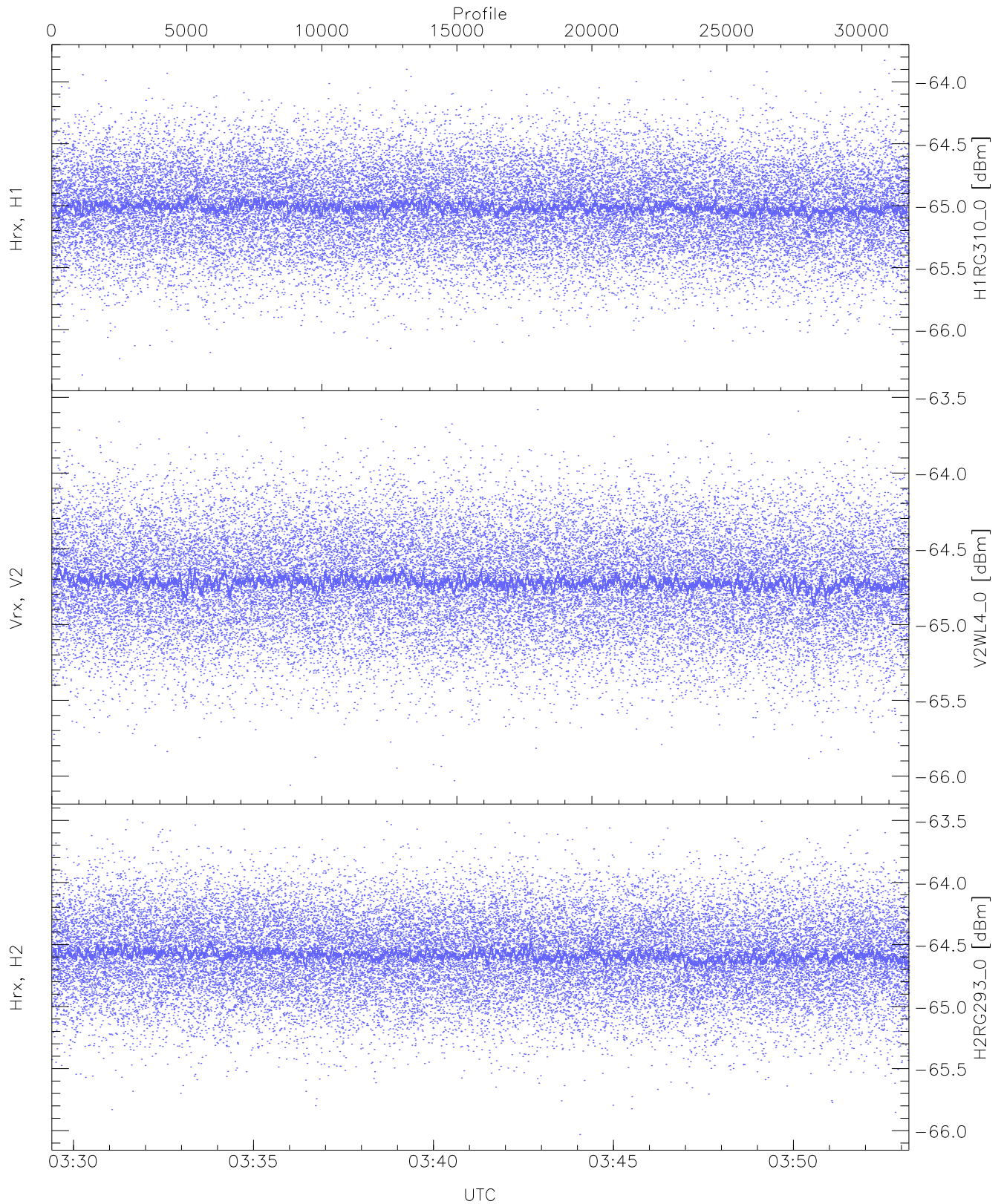
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.68	-63.13	-64.35	-64.36	-75.89
Vrx, V2 (HL [dBm])	-65.72	-63.20	-64.47	-64.48	-75.98
Hrx, H2 (HL [dBm])	-65.78	-63.12	-64.35	-64.36	-75.85



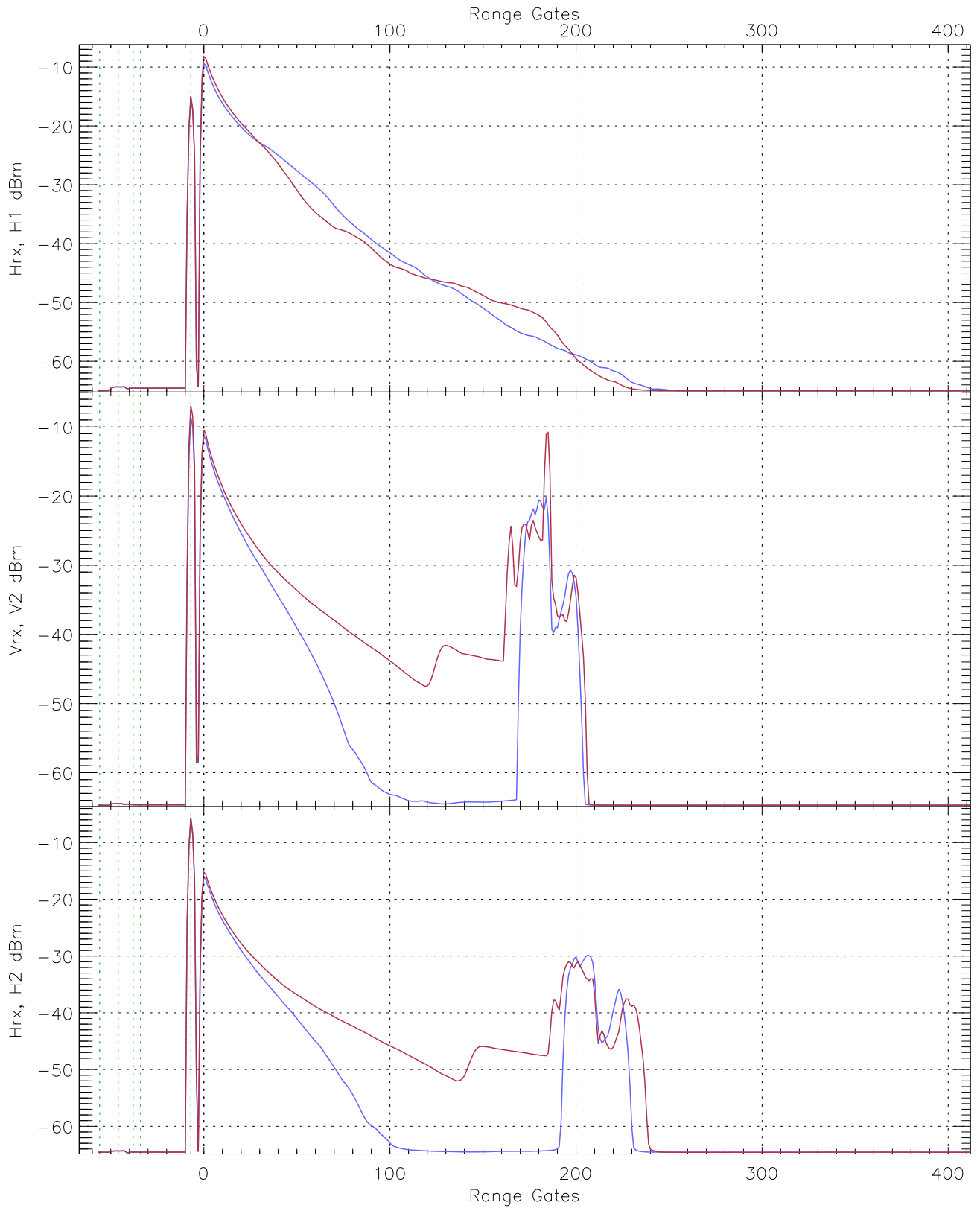
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.39	-63.88	-65.01	-65.01	-76.51
Vrx, V2 (RM [dBm])	-66.49	-61.79	-64.71	-64.72	-76.17
Hrx, H2 (RM [dBm])	-65.89	-61.72	-64.56	-64.57	-75.91

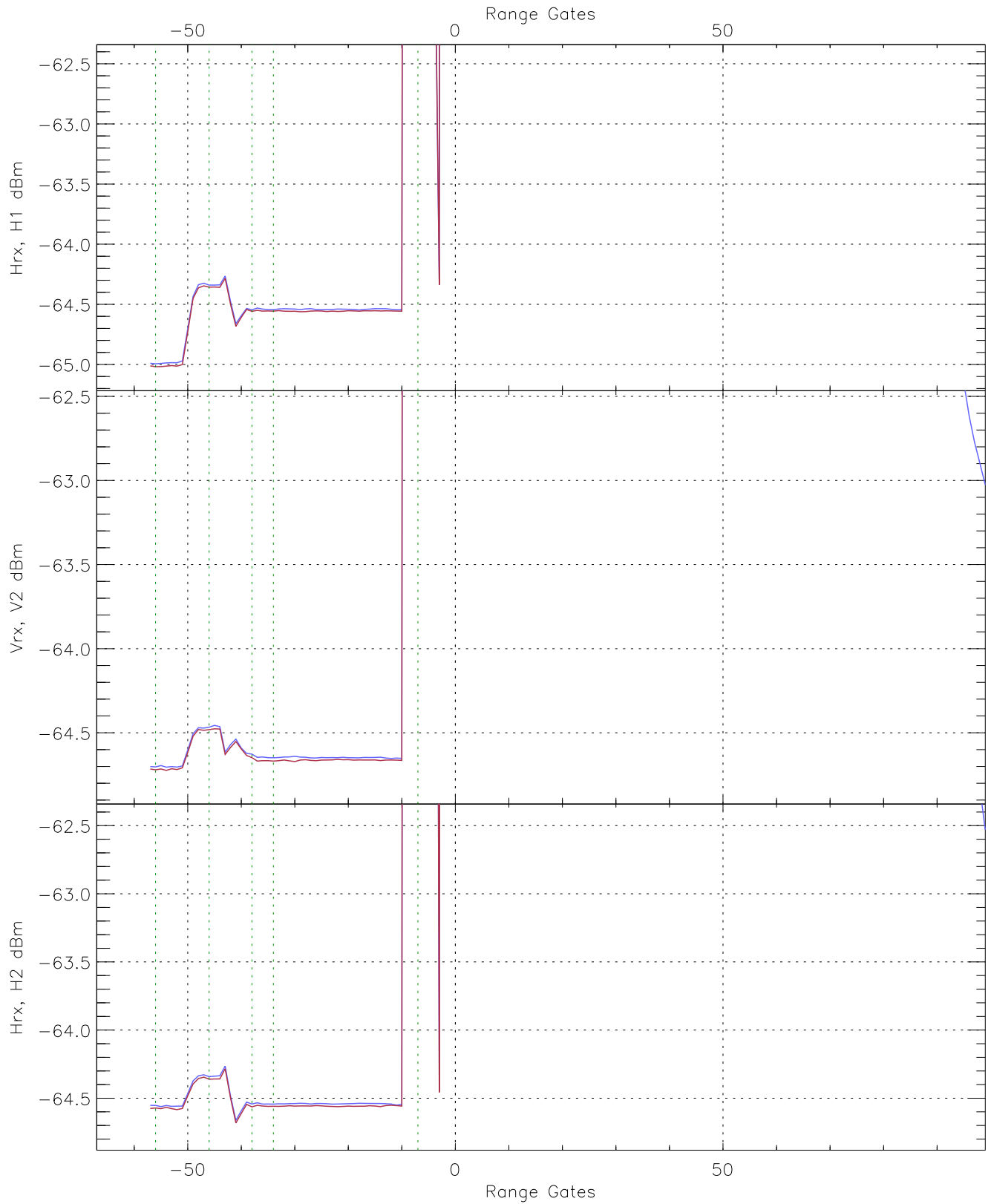


WCR3 CPP "Best" estimate Receivers Noise Power

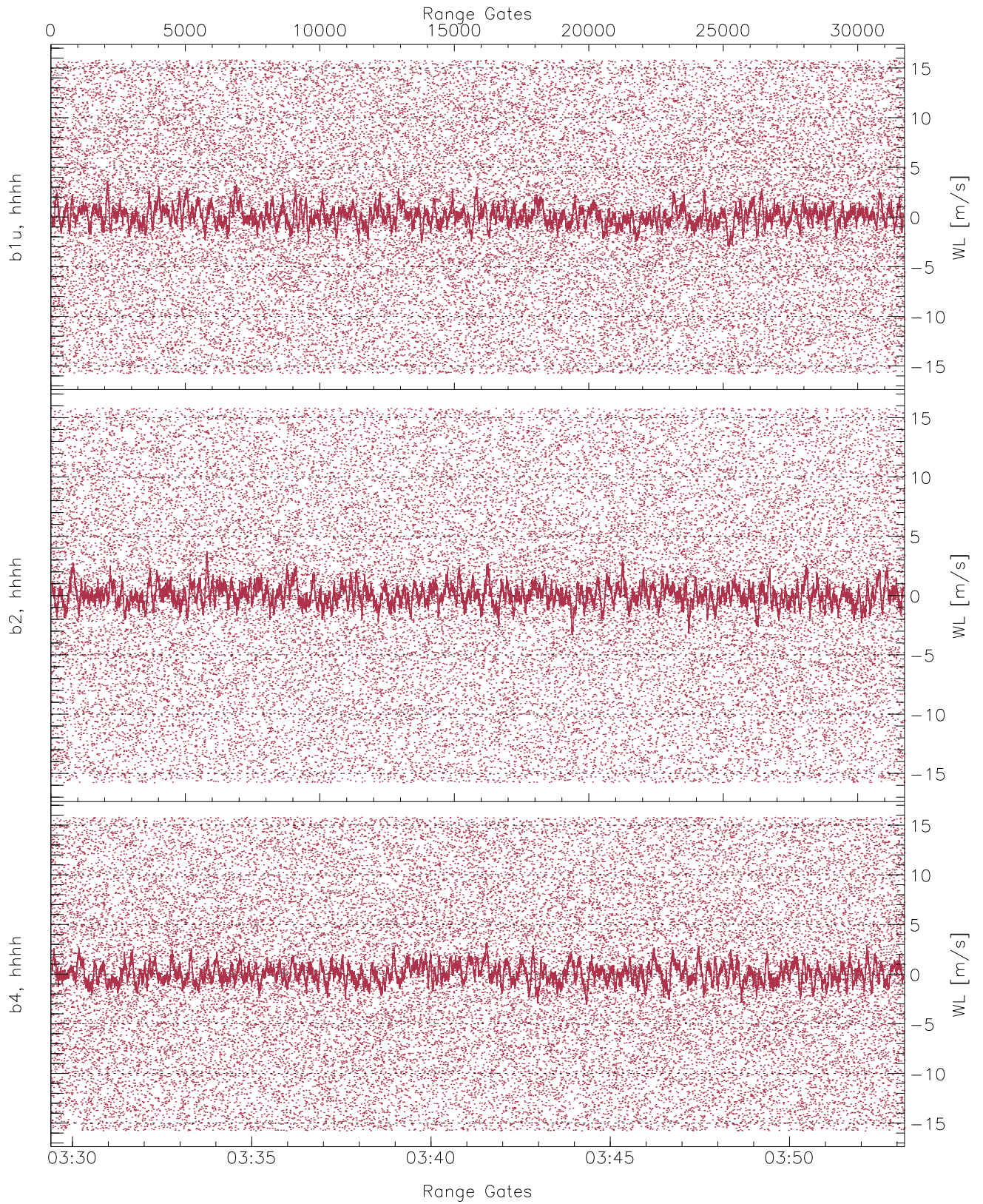
	Min	Max	Mean	Median	StDev
H1RG310_0 [dBm]	-66.37	-63.83	-65.01	-65.01	-76.50
V2WL4_0 [dBm]	-66.06	-63.58	-64.71	-64.72	-76.22
H2RG293_0 [dBm]	-66.03	-63.49	-64.58	-64.59	-76.08



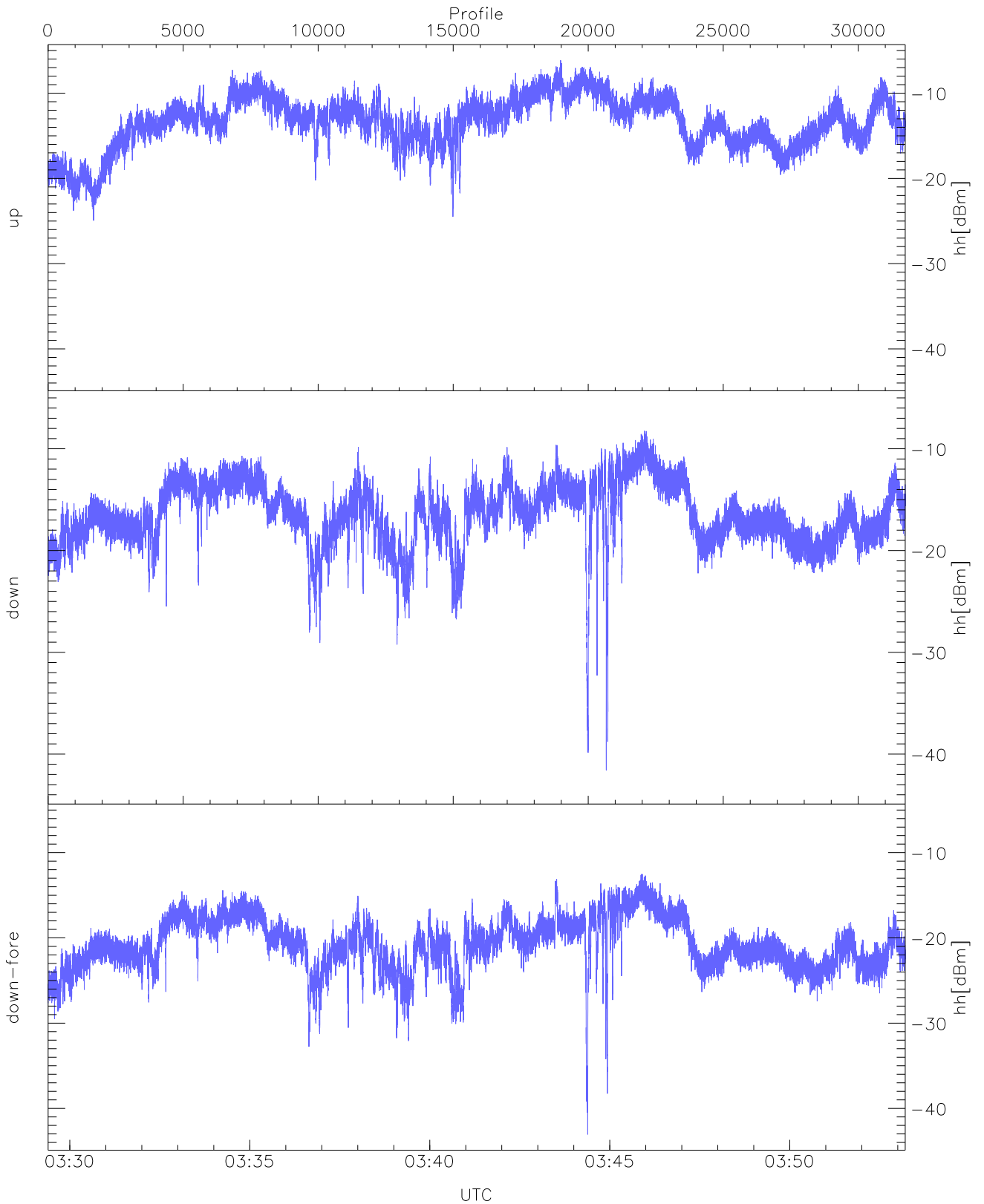
WCR3 CPP Averaged Received power for all recorded gates
blue: 032924-034118, 15871 profiles averaged
red: 034118-035312, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 032924-034118, 15871 profiles averaged
red: 034118-035312, 15871 profiles averaged

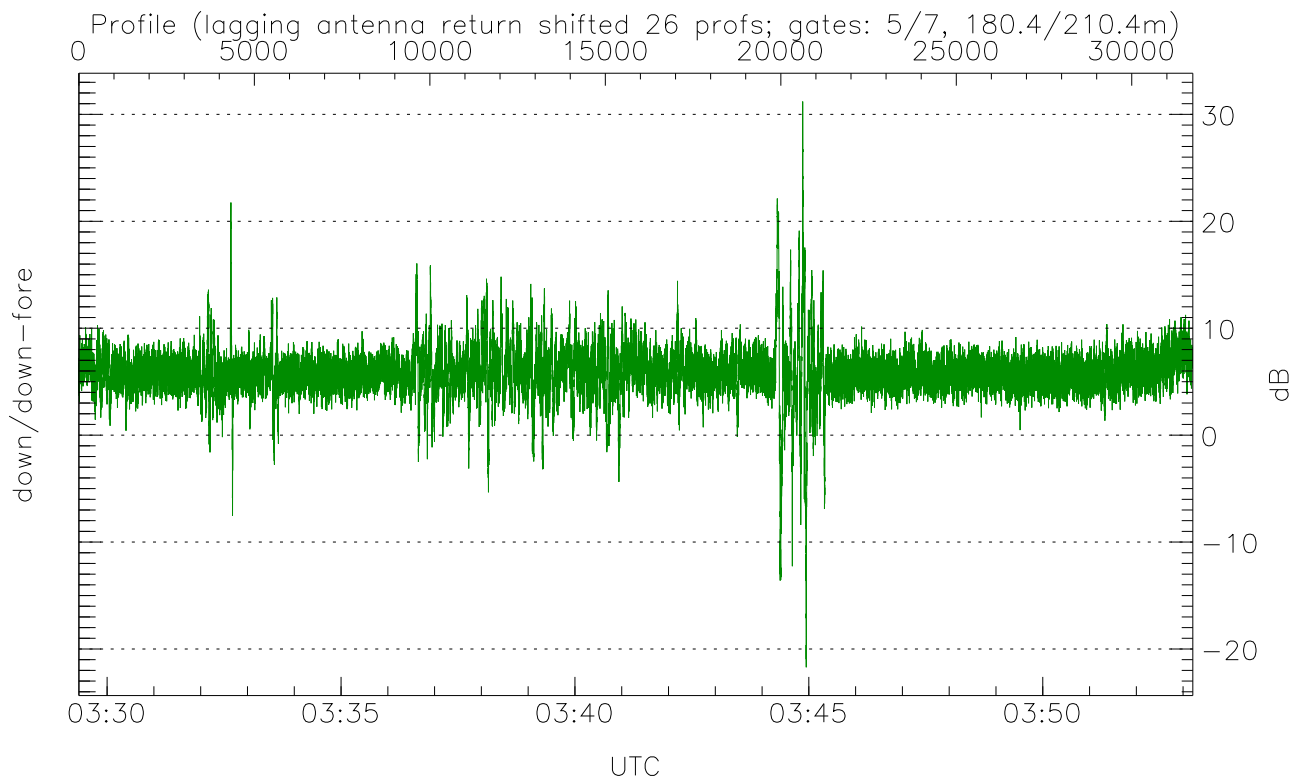
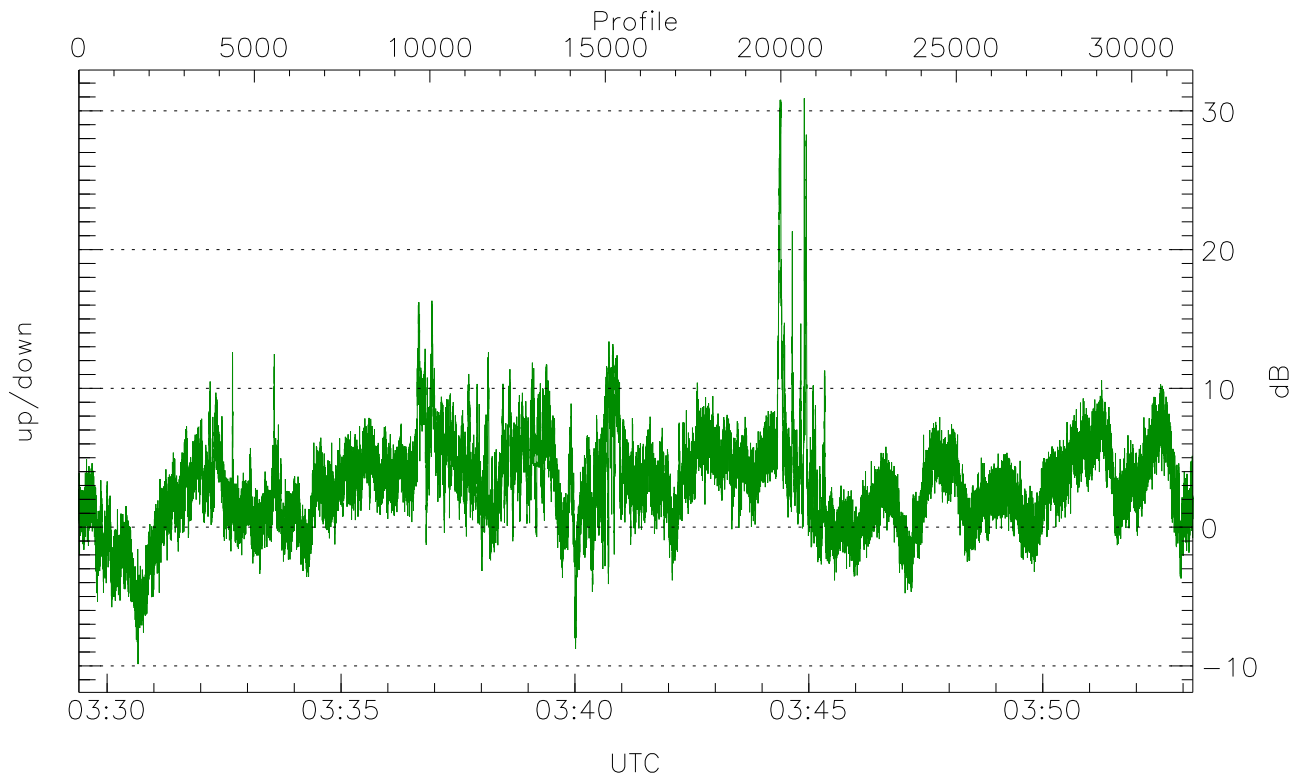


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



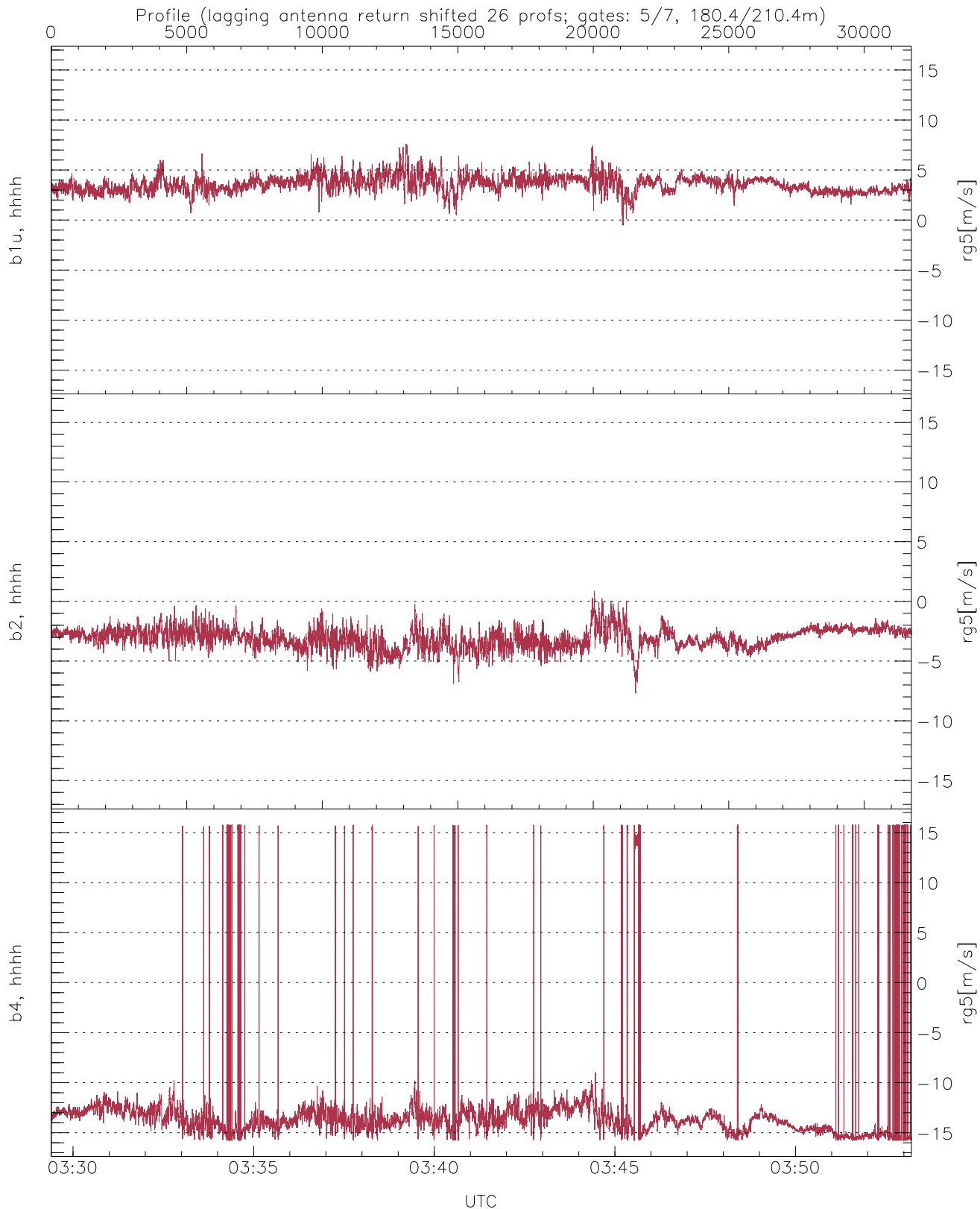
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-24.95	-6.14	-12.55
down(hh[dBm])	-41.59	-8.24	-15.48
down-fore(hh[dBm])	-43.06	-12.52	-19.77



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

	Min	Max	Mean
up/down (dB)	-9.87	30.90	3.02
down/down-fore (dB)	-21.71	31.20	5.86



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.52	7.62	3.58	0.80
b2, hhhh(rg5[m/s])	-7.70	0.87	-3.09	0.84
b4, hhhh(rg5[m/s])	-15.79	15.79	-13.02	4.55