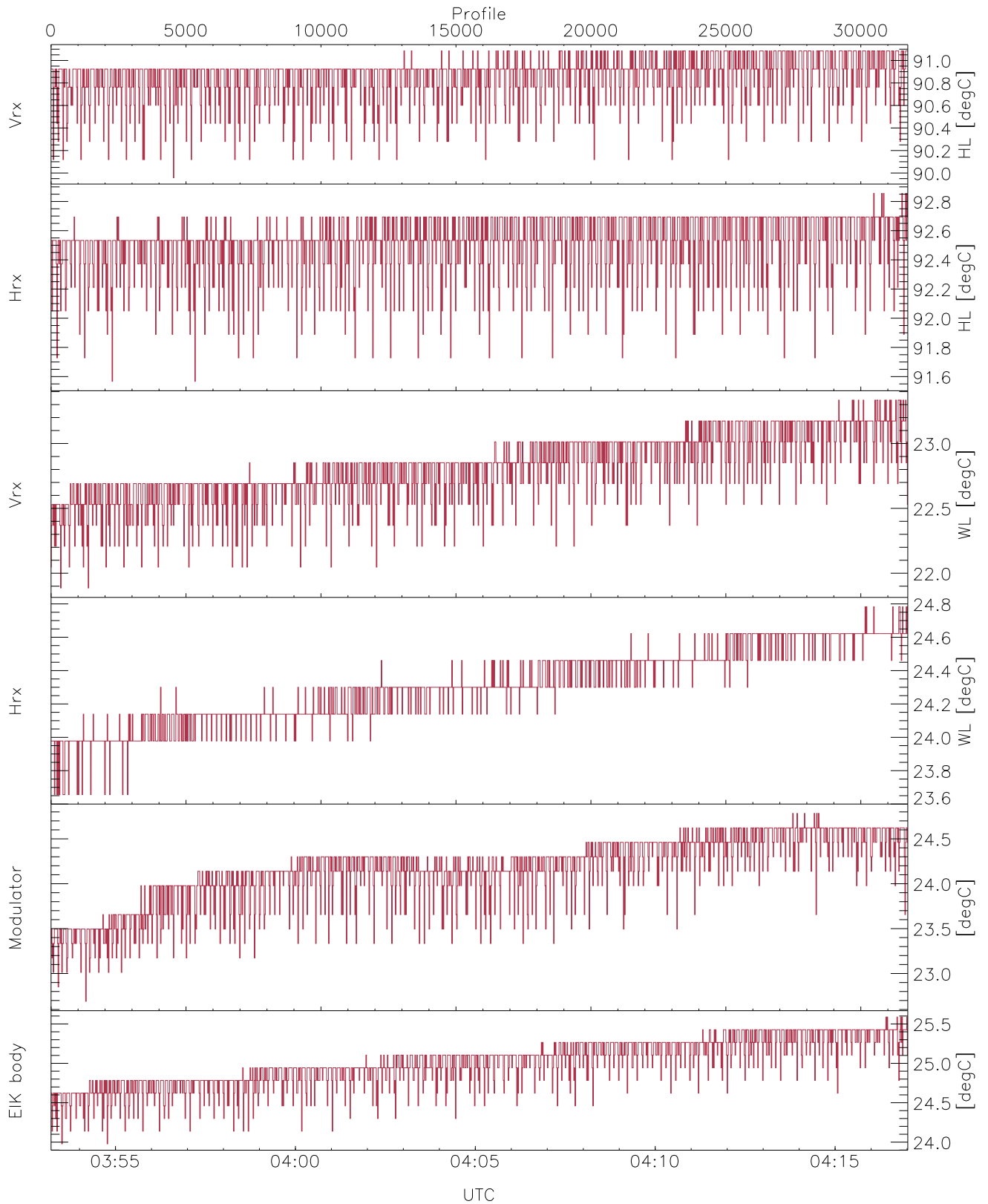


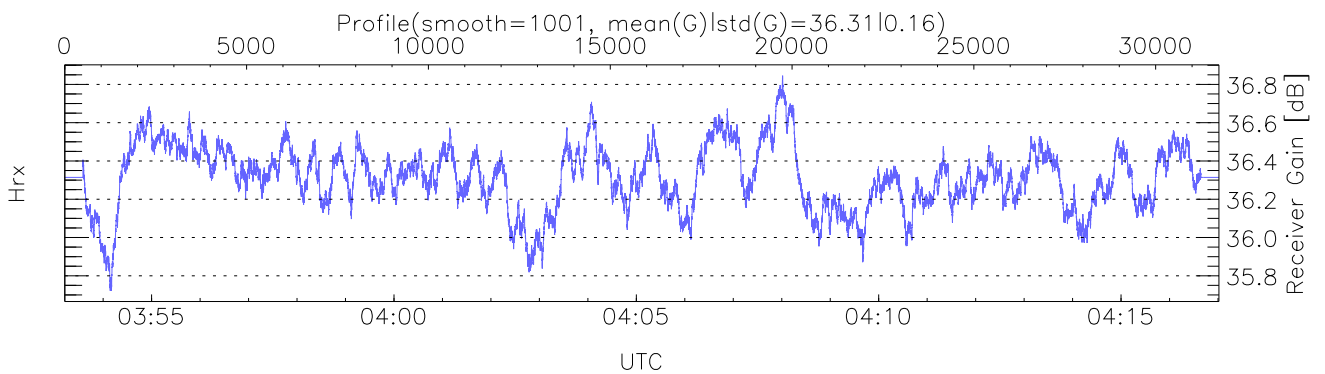
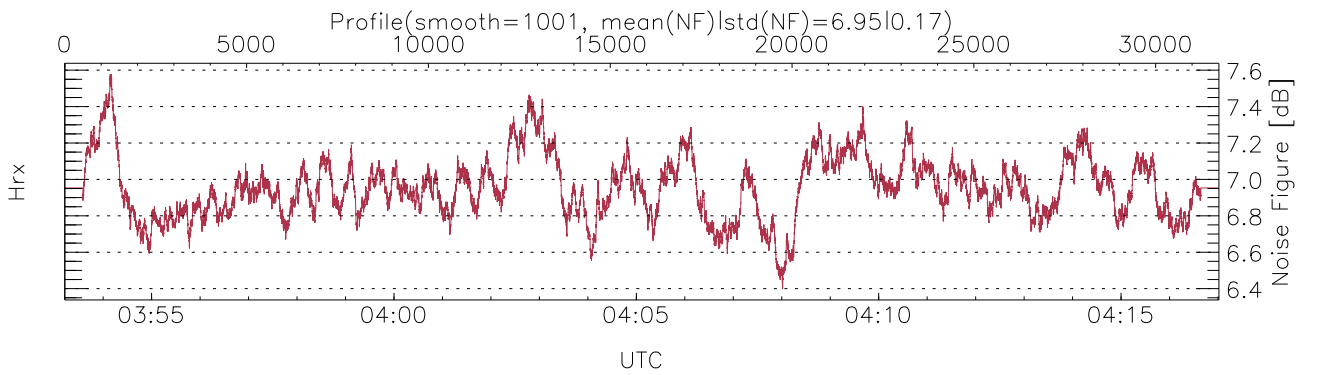
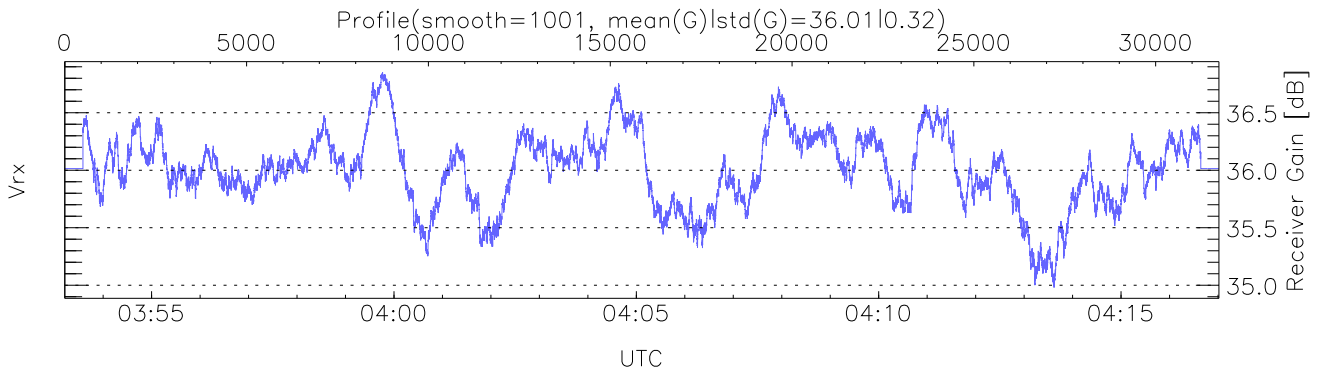
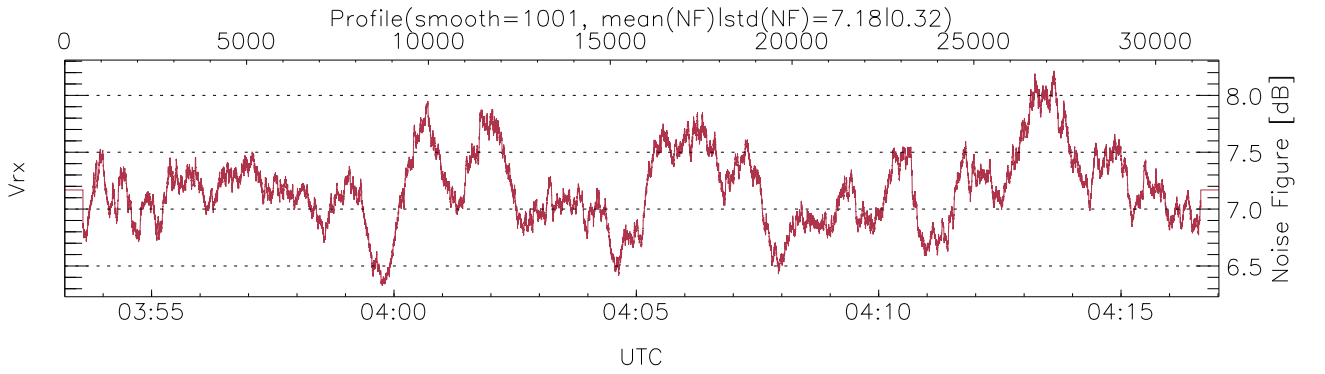
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:53:13-04:17:01, 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, 0-31740/03:53:13-04:17:01
 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



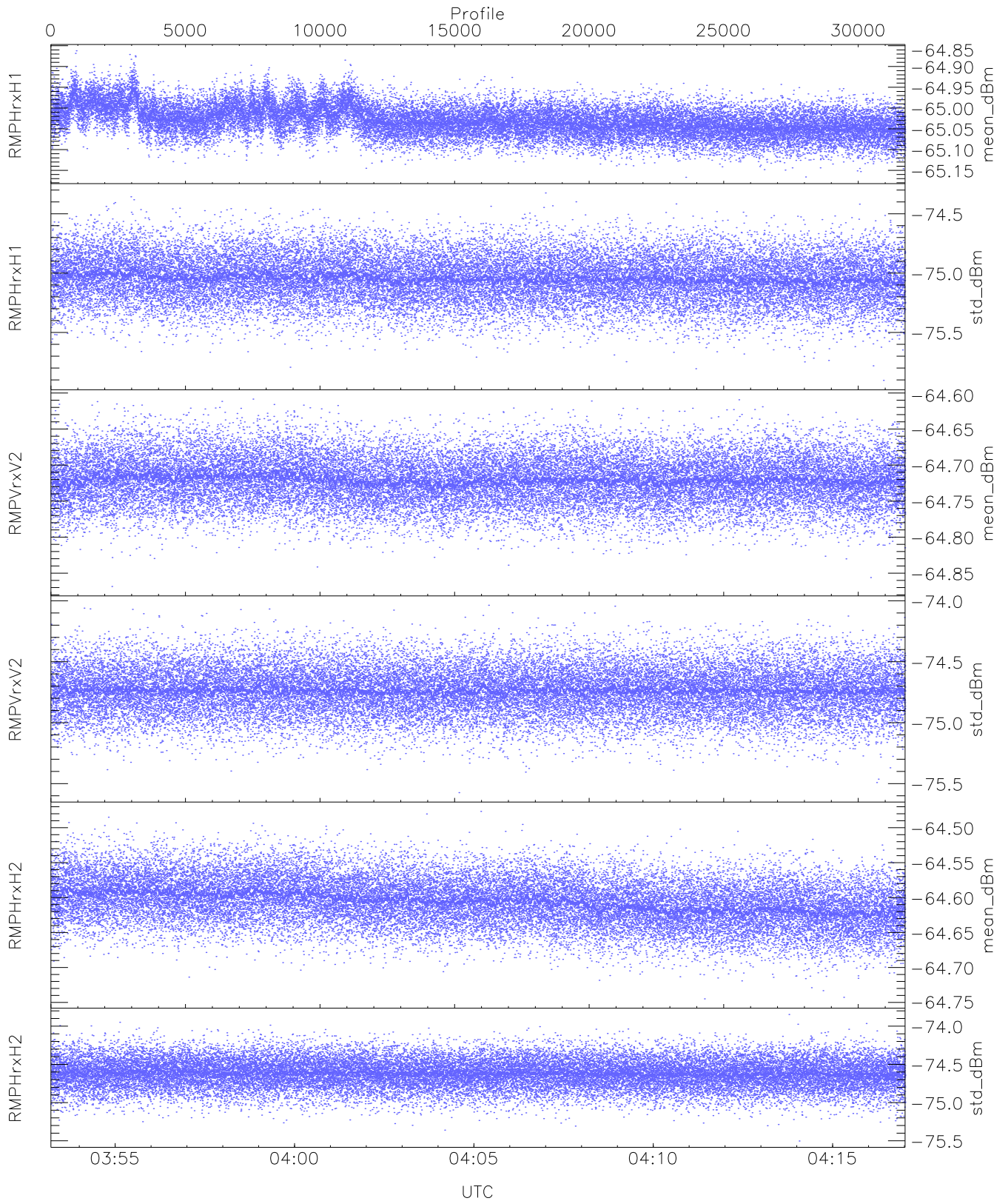
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,21,23,22,23
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,24,24,25
 LOalarm(20,240,2817,14861 MHz): 0,0,92,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,46,24,24)



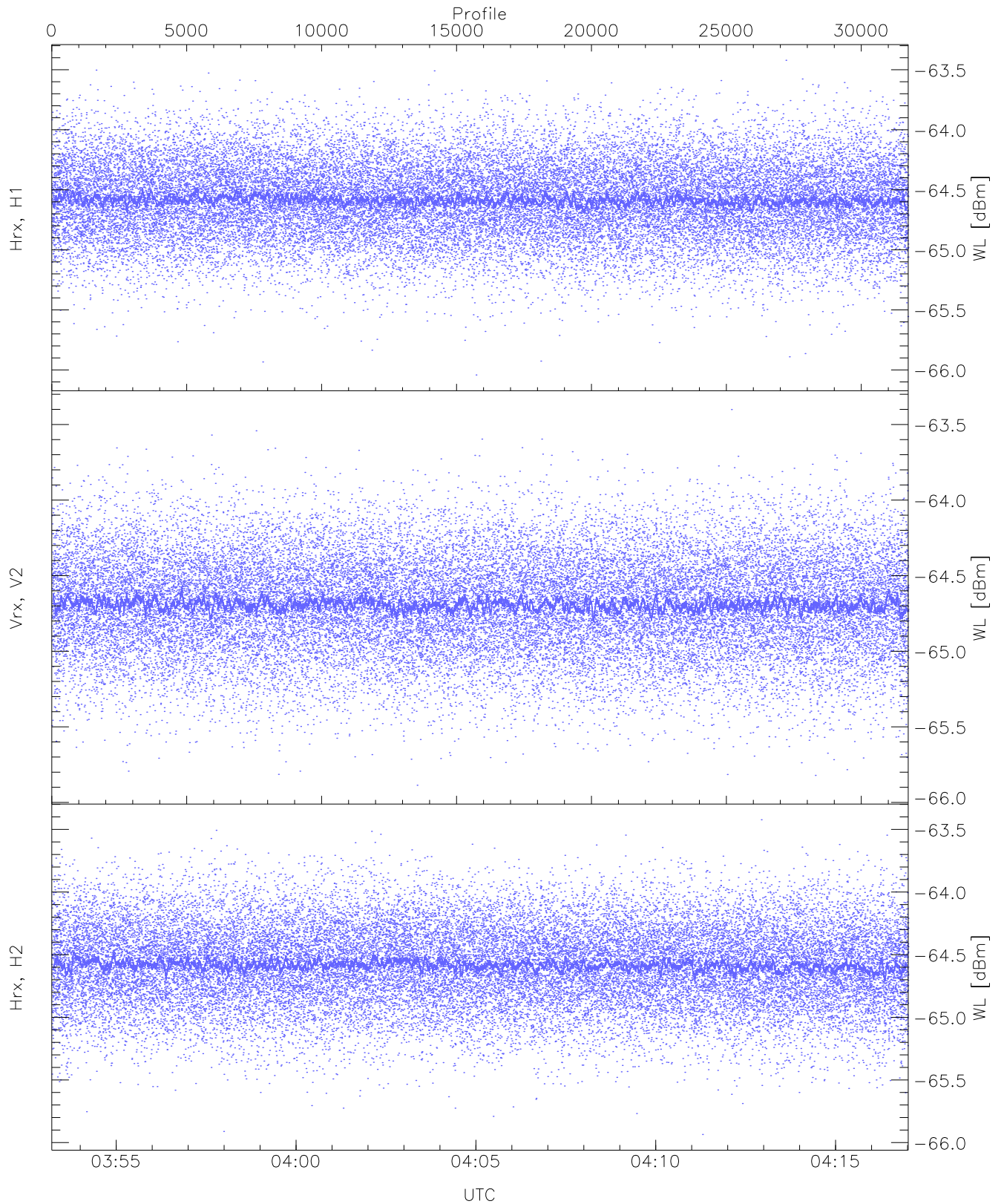
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 4 pixs, 1 gates, 4 profs, 1 prod(s)



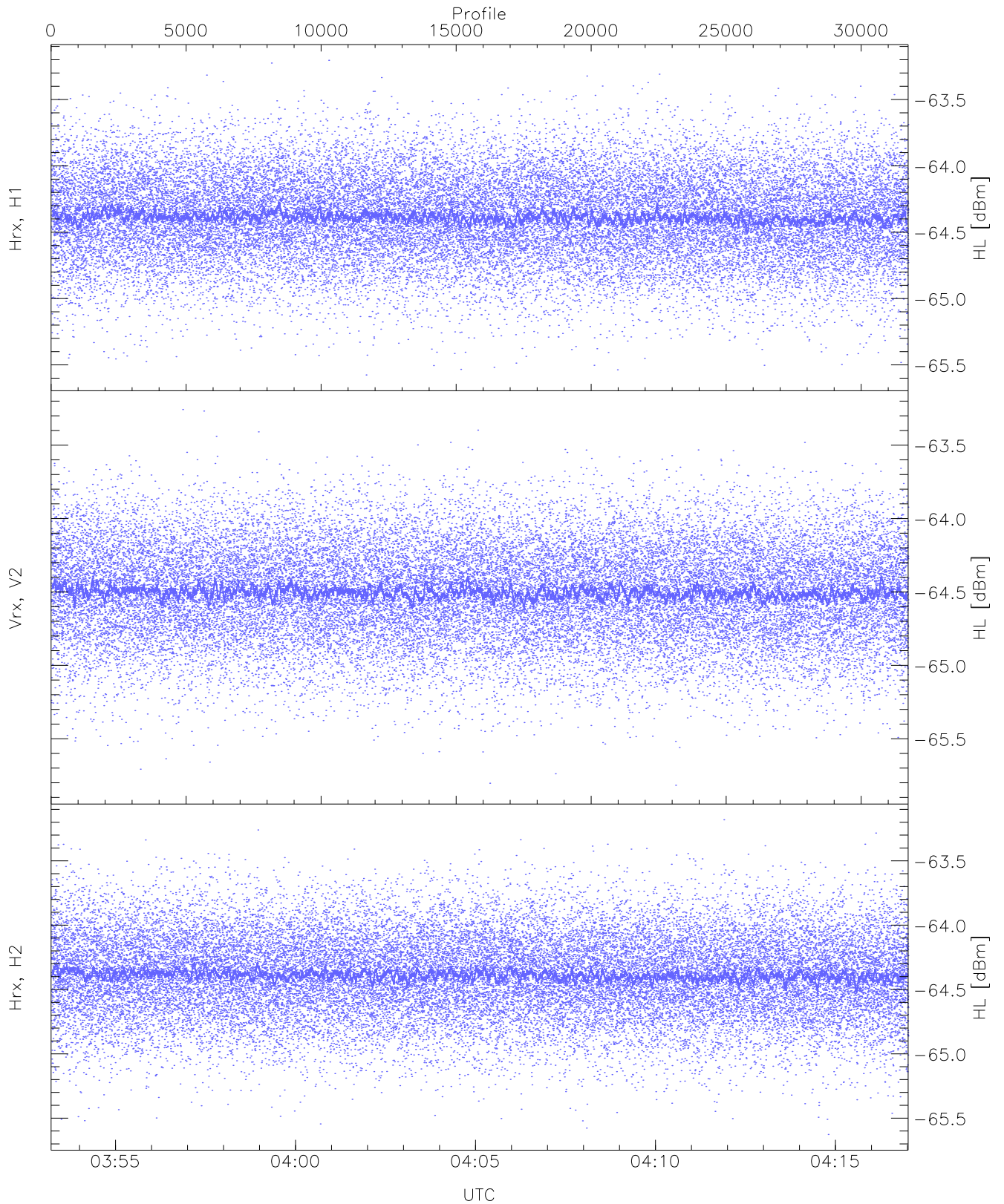
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.17	-64.86	-65.03	-65.03	-85.78
RMPHrxH1(std_dBm)	-75.90	-74.32	-75.04	-75.05	-88.78
RMPVrxV2(mean_dBm)	-64.87	-64.61	-64.72	-64.72	-86.16
RMPVrxV2(std_dBm)	-75.57	-74.04	-74.74	-74.74	-88.53
RMPHrxH2(mean_dBm)	-64.74	-64.48	-64.61	-64.61	-85.93
RMPHrxH2(std_dBm)	-75.50	-73.85	-74.62	-74.62	-88.41



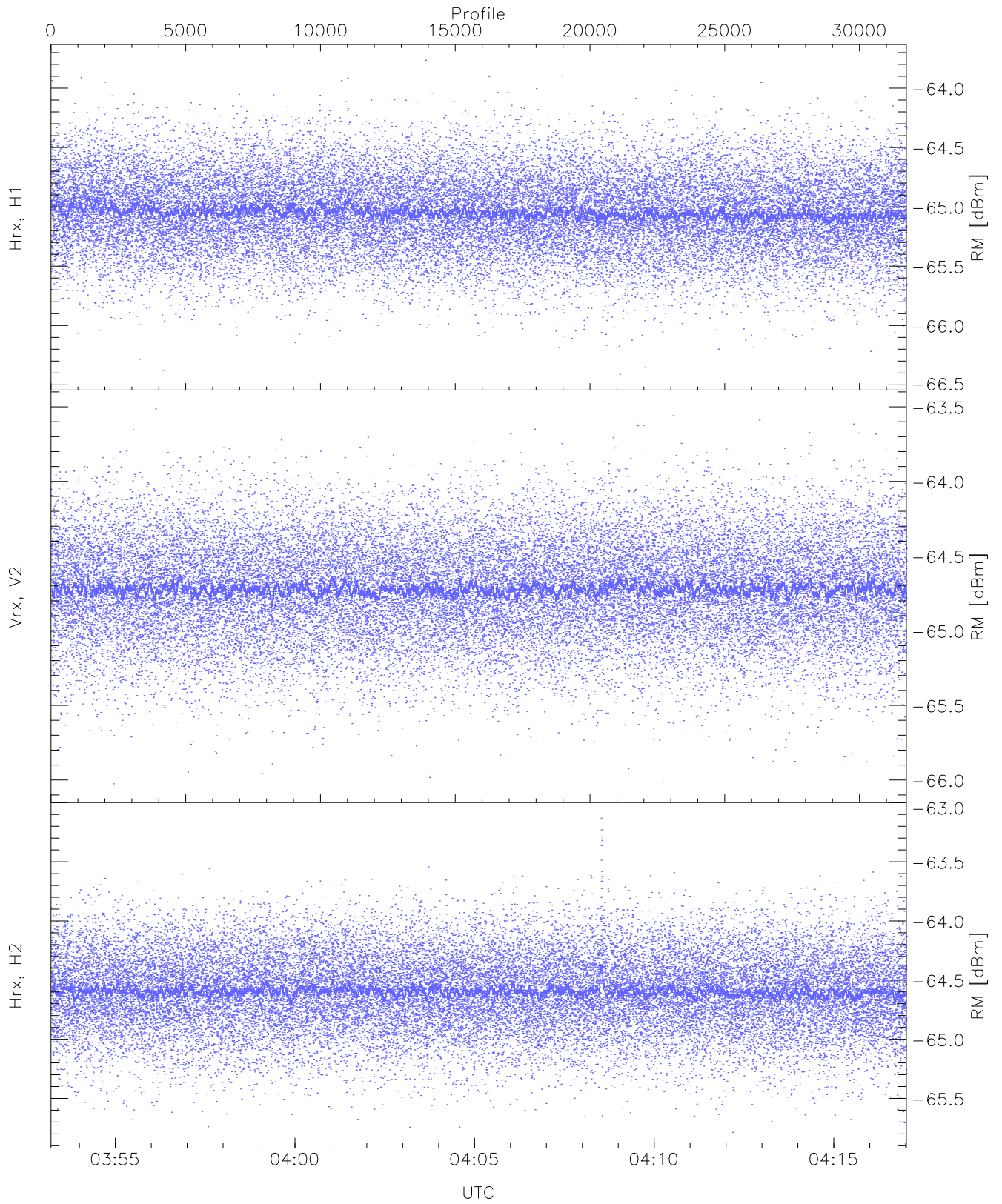
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.04	-63.42	-64.58	-64.59	-76.08
Vrx, V2 (WL [dBm])	-65.89	-63.40	-64.68	-64.69	-76.21
Hrx, H2 (WL [dBm])	-65.94	-63.42	-64.58	-64.58	-76.07



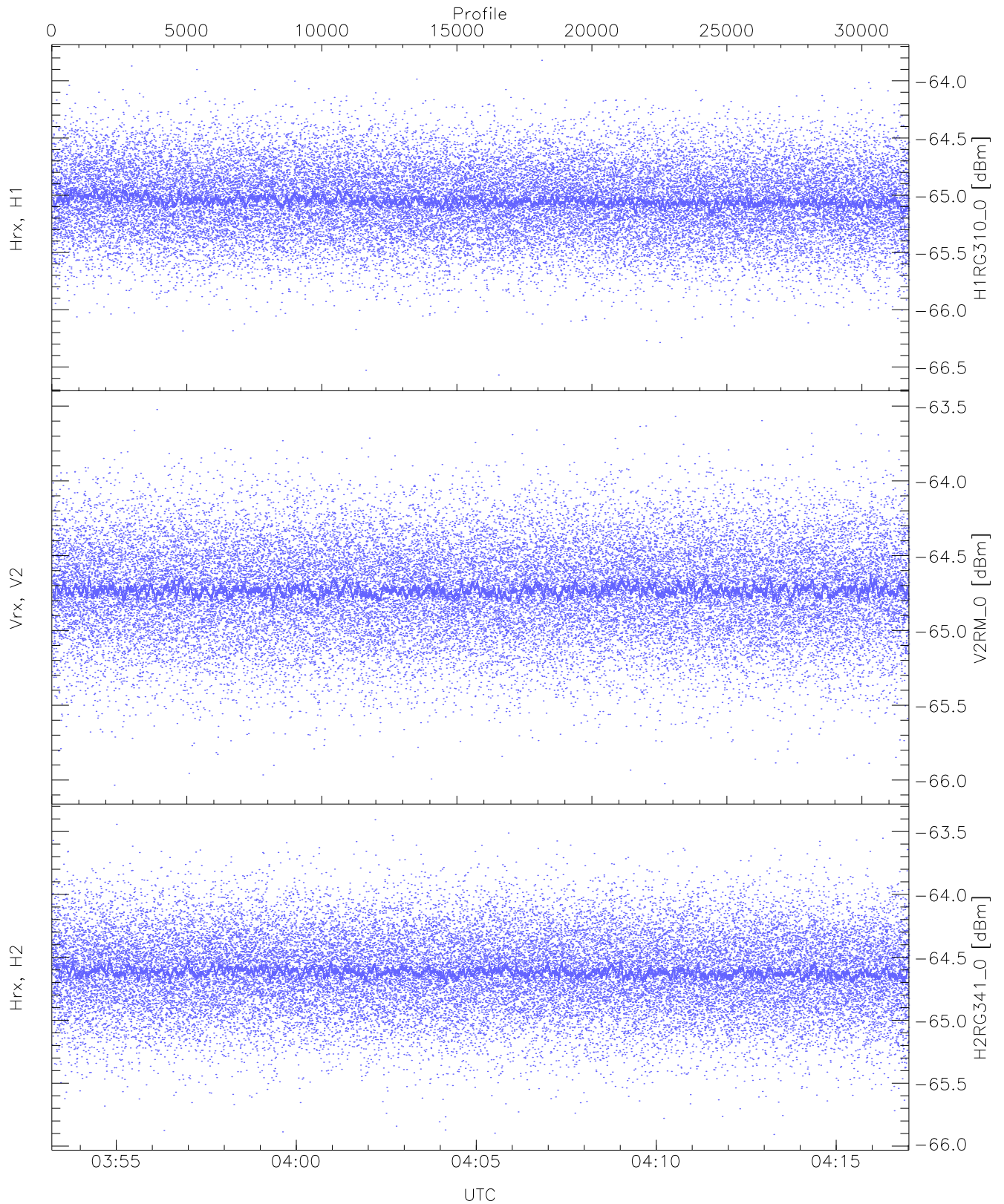
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.58	-63.20	-64.38	-64.39	-75.90
Vrx, V2 (HL [dBm])	-65.82	-63.26	-64.50	-64.50	-76.00
Hrx, H2 (HL [dBm])	-65.63	-63.18	-64.38	-64.39	-75.90



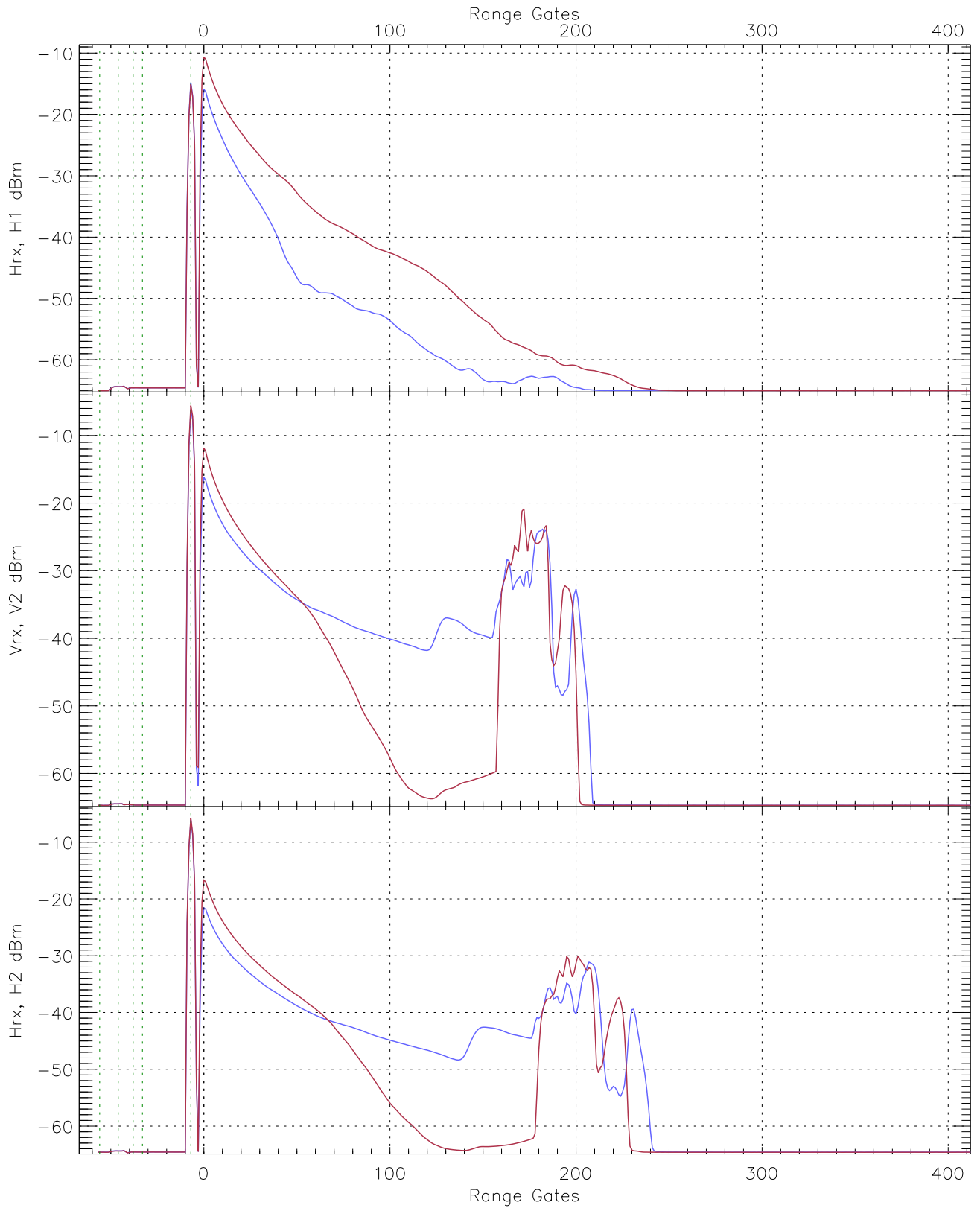
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.41	-63.76	-65.04	-65.05	-76.54
Vrx, V2 (RM [dBm])	-66.03	-63.51	-64.71	-64.72	-76.23
Hrx, H2 (RM [dBm])	-65.79	-63.13	-64.59	-64.60	-76.11

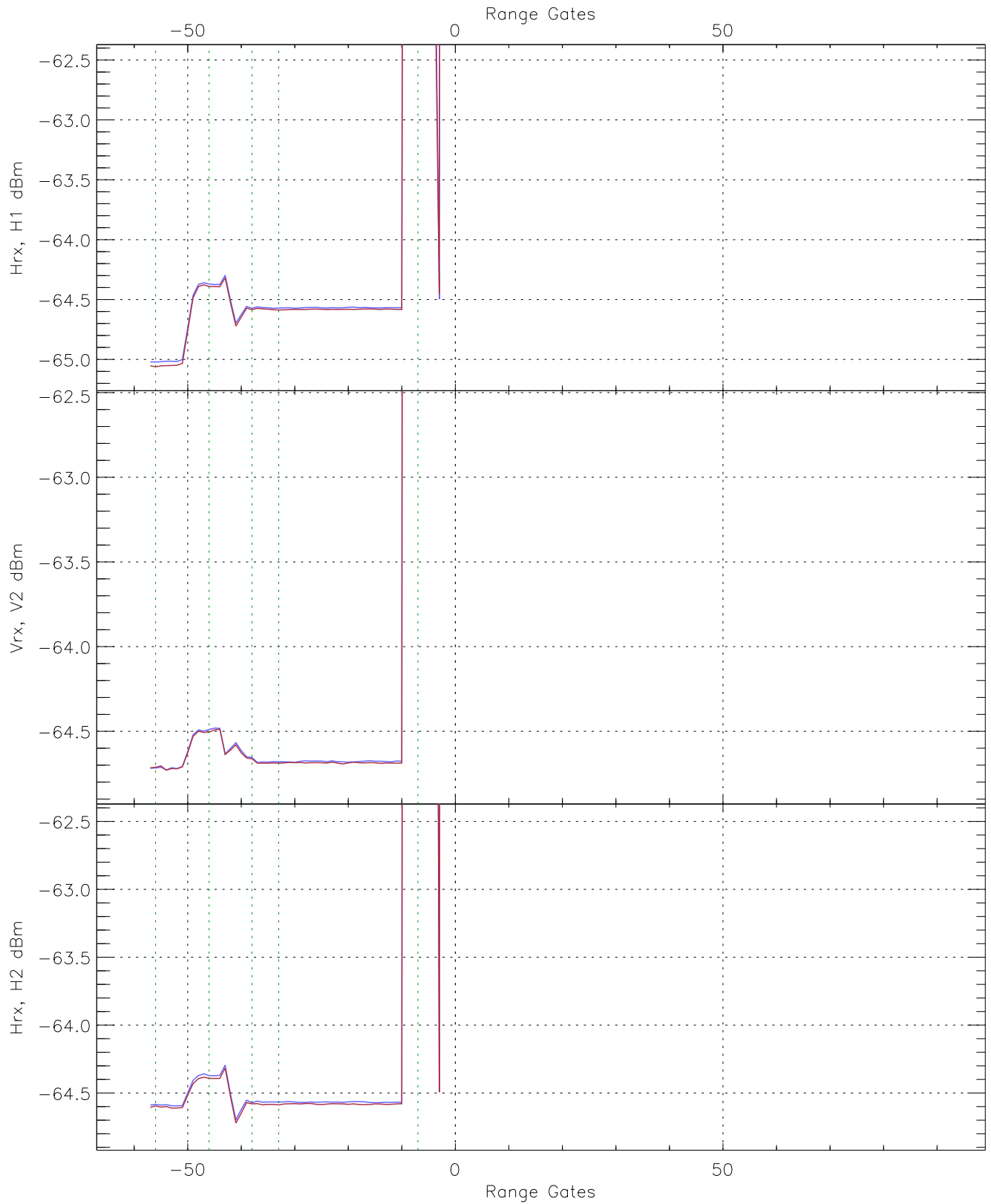


WCR3 CPP "Best" estimate Receivers Noise Power

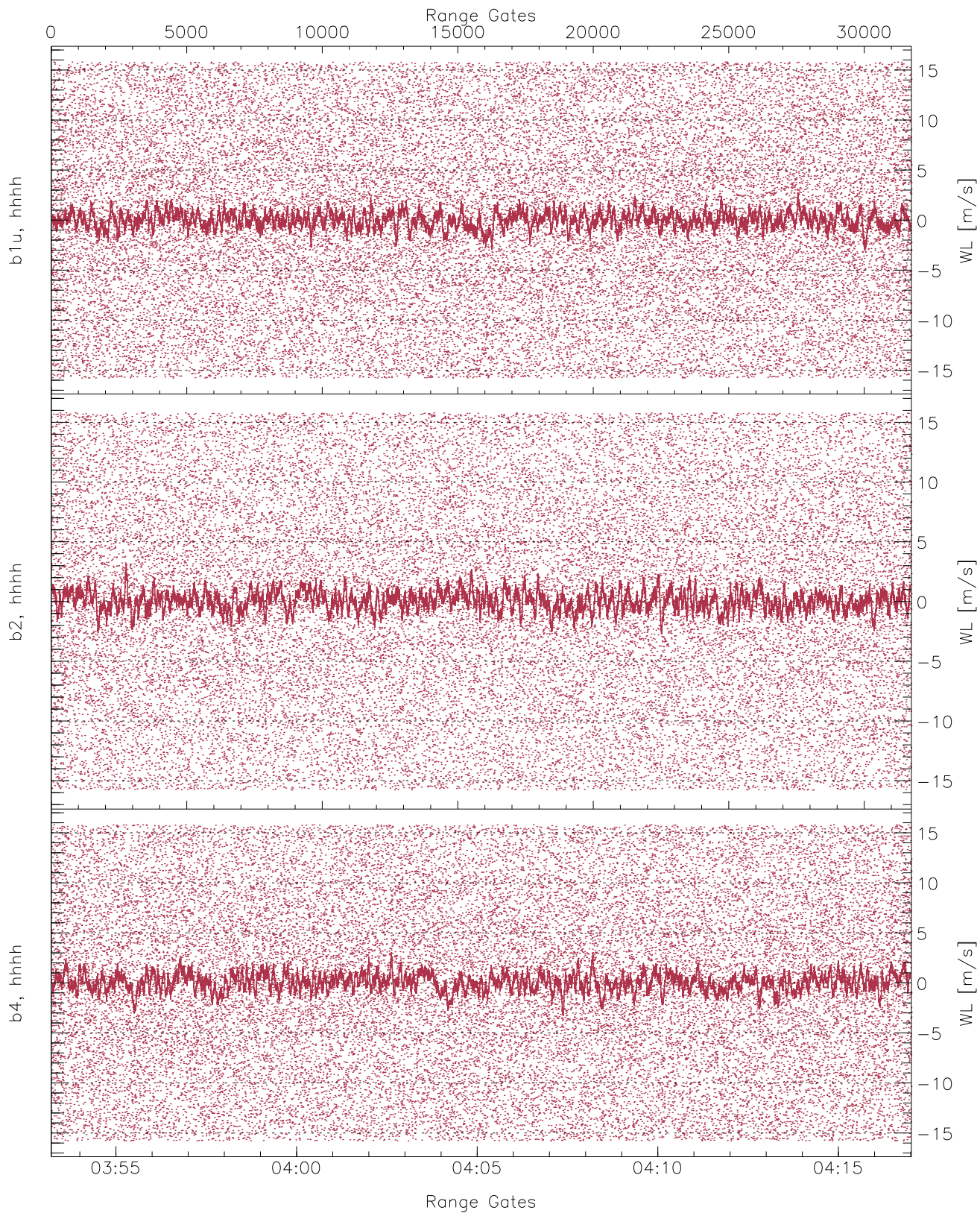
	Min	Max	Mean	Median	StDev
H1RG310_0 [dBm]	-66.57	-63.82	-65.04	-65.05	-76.54
V2RM_0 [dBm]	-66.03	-63.52	-64.72	-64.73	-76.24
H2RG341_0 [dBm]	-65.91	-63.41	-64.61	-64.62	-76.08



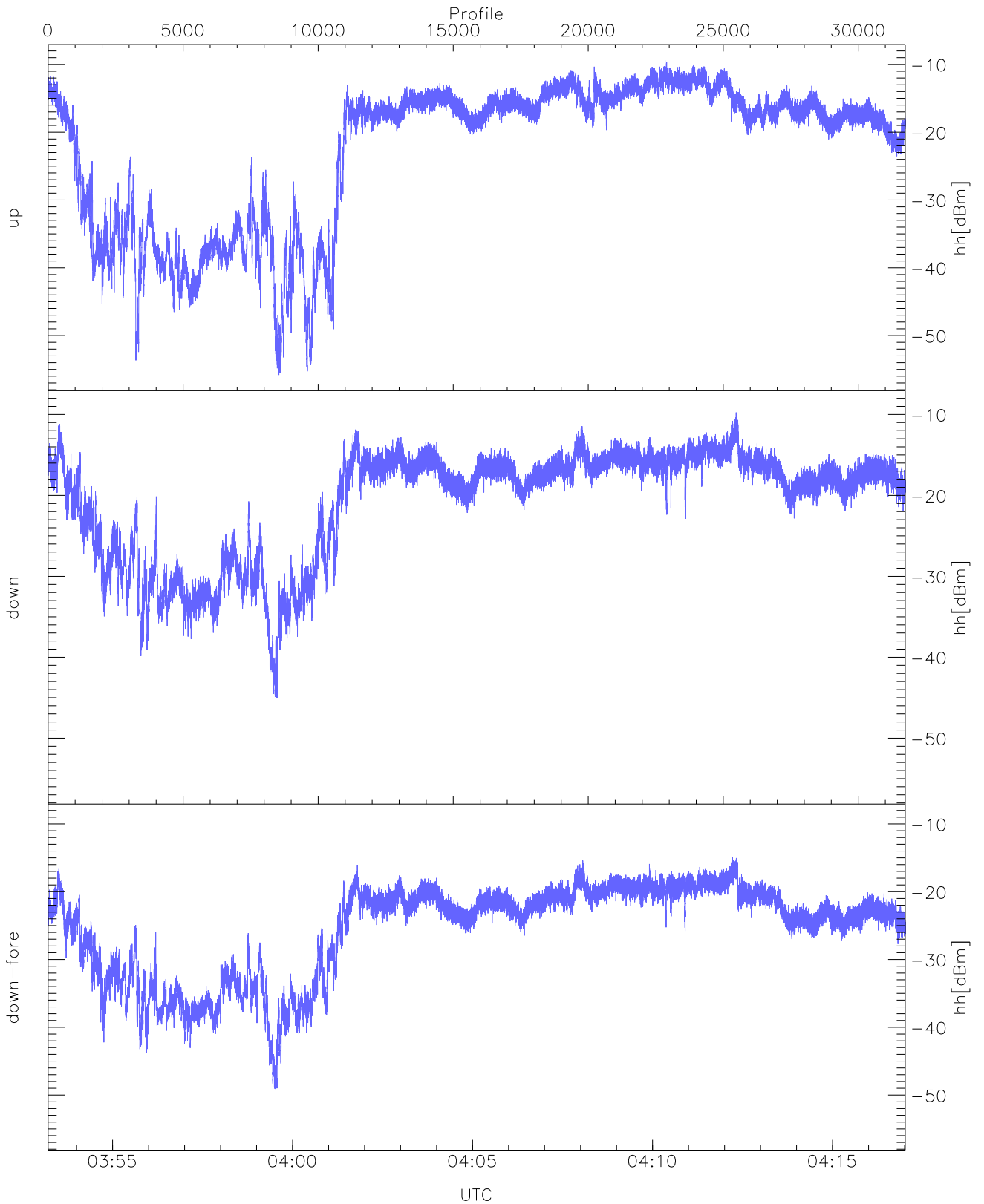
WCR3 CPP Averaged Received power for all recorded gates
blue: 035313-040507, 15871 profiles averaged
red: 040507-041701, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 035313-040507, 15871 profiles averaged
red: 040507-041701, 15871 profiles averaged

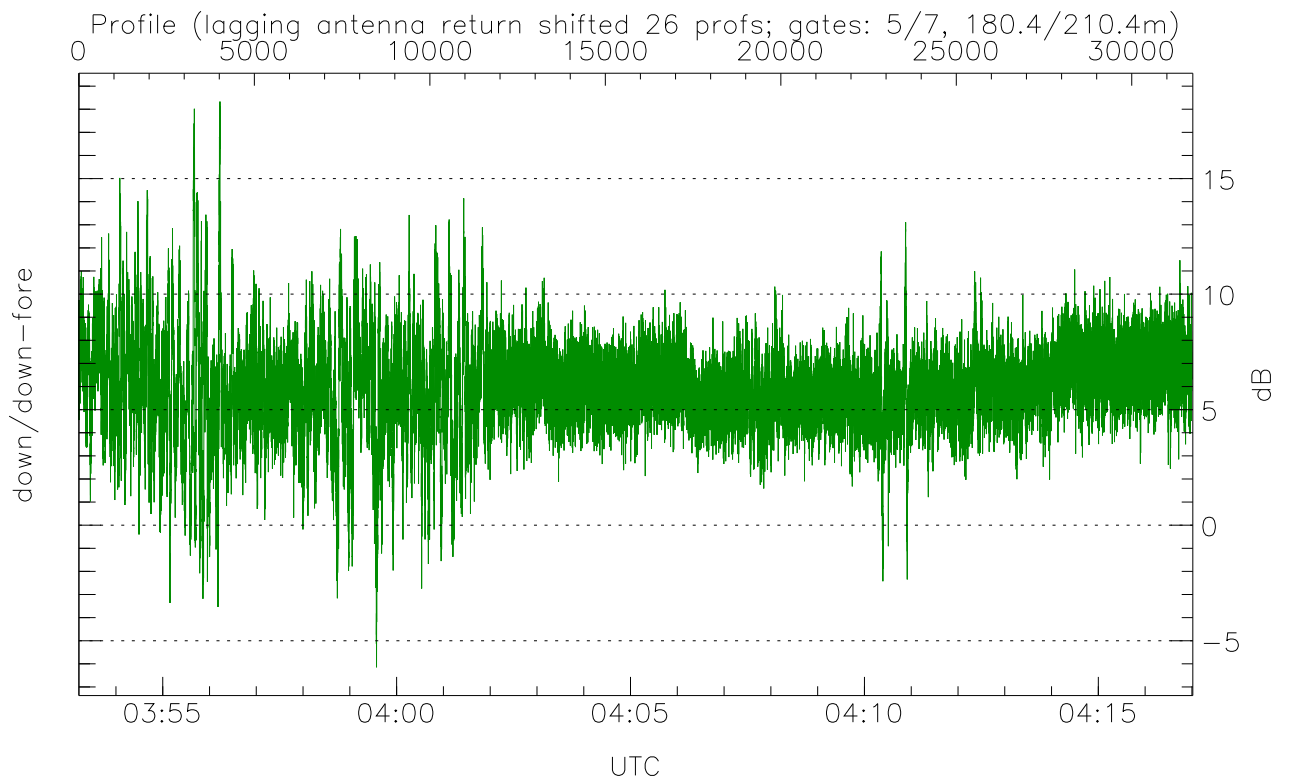
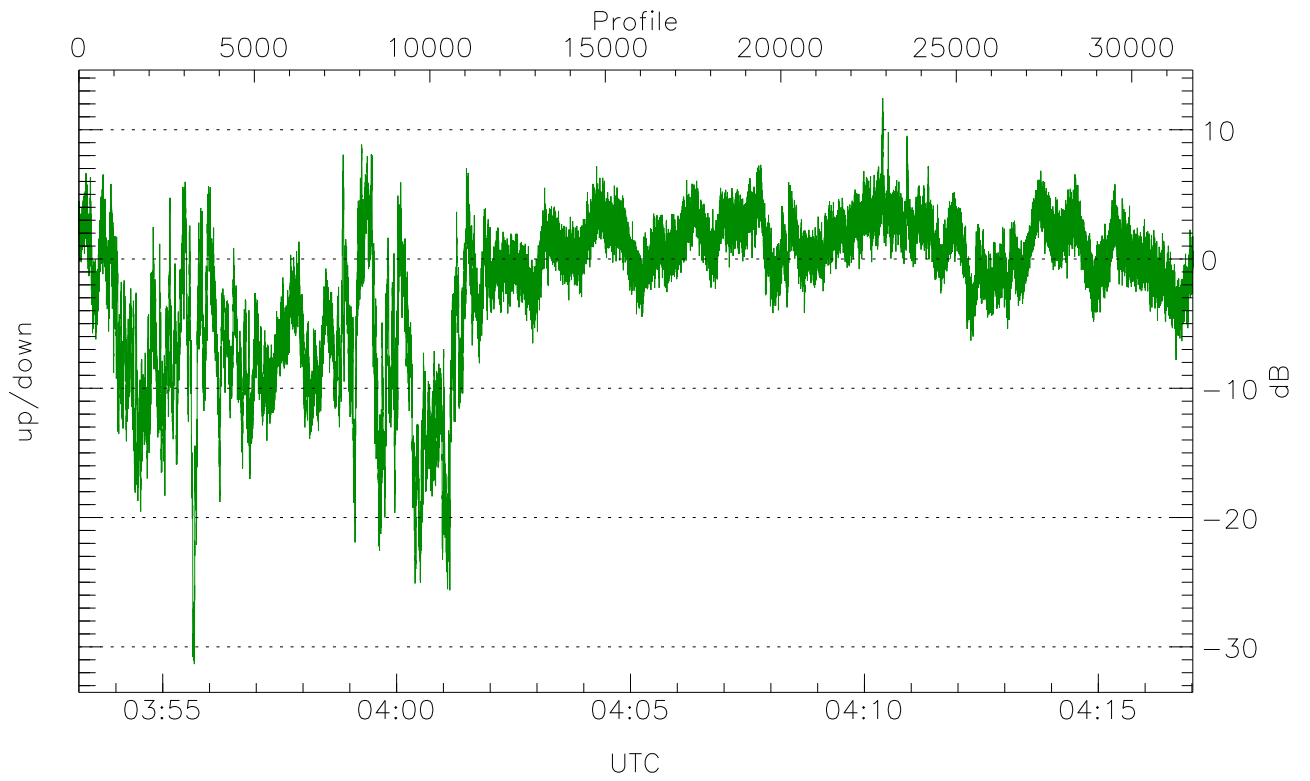


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



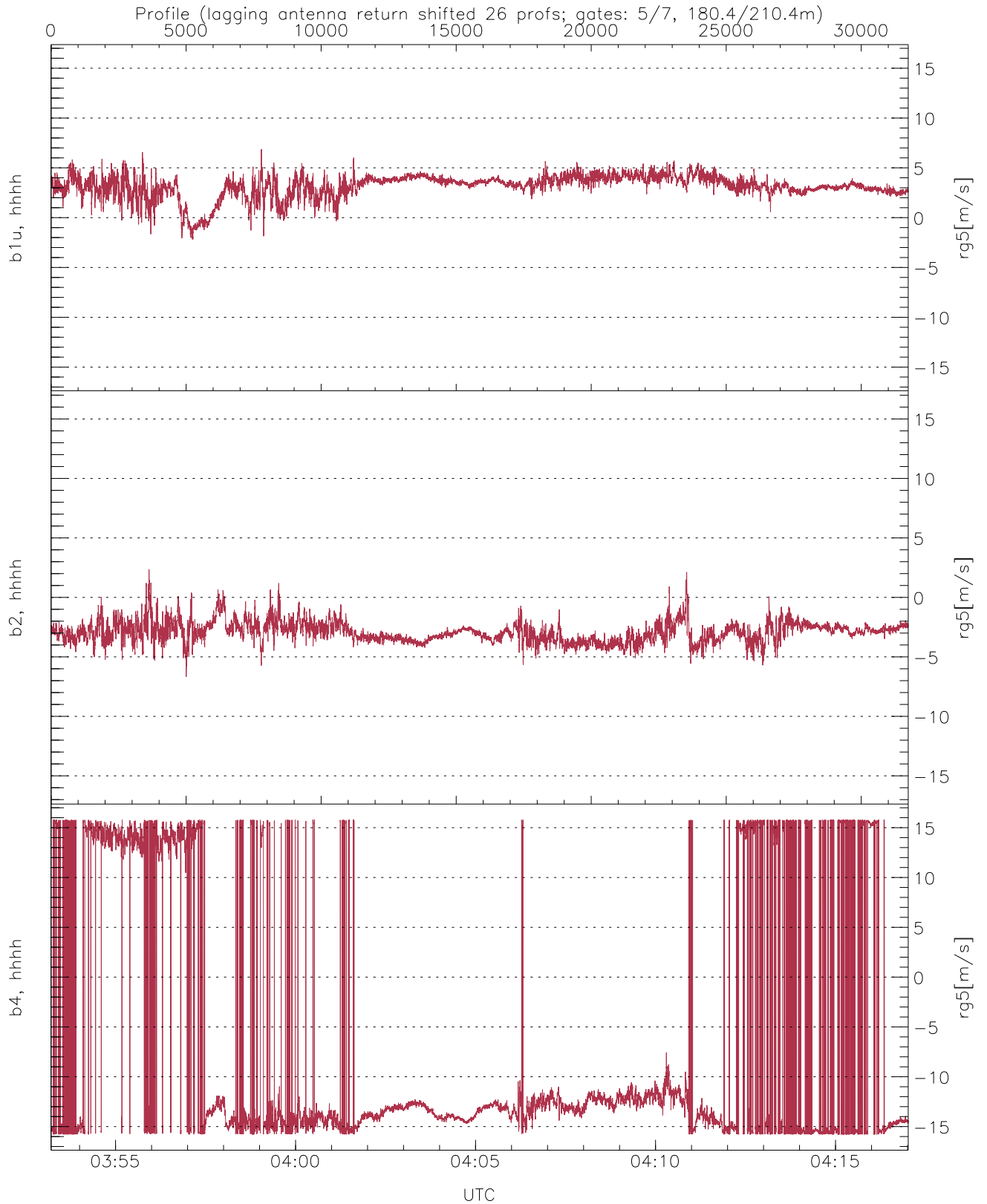
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-55.82	-9.39	-16.79
down(hh[dBm])	-45.01	-9.75	-17.76
down-fore(hh[dBm])	-49.14	-14.92	-22.32



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

	Min	Max	Mean
up/down (dB)	-31.33	12.43	-1.86
down/down-fore (dB)	-6.15	18.33	5.94



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.20	6.87	3.13	1.16
b2, hhhh(rg5[m/s])	-6.68	2.34	-2.92	0.86
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.13	12.20