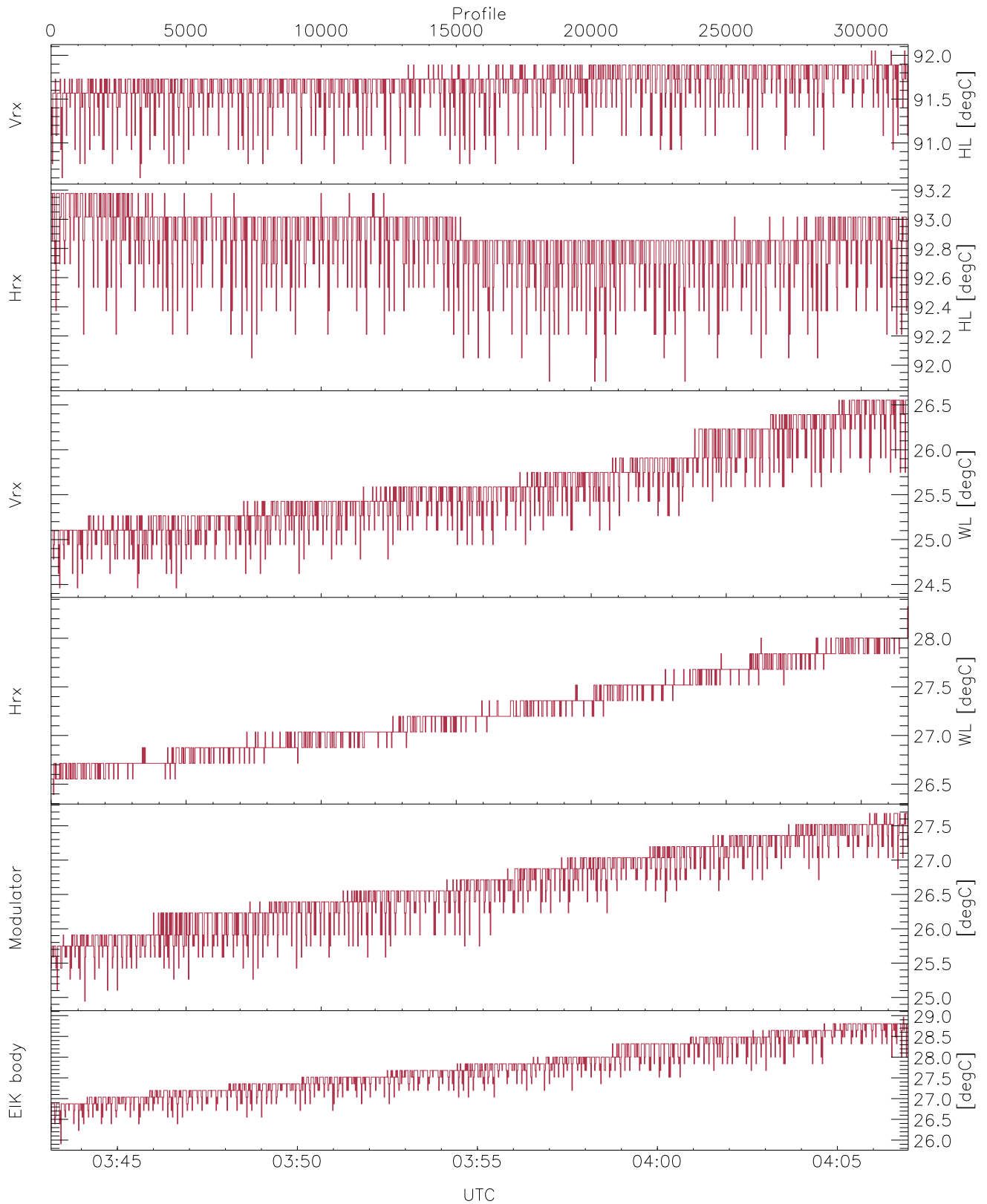


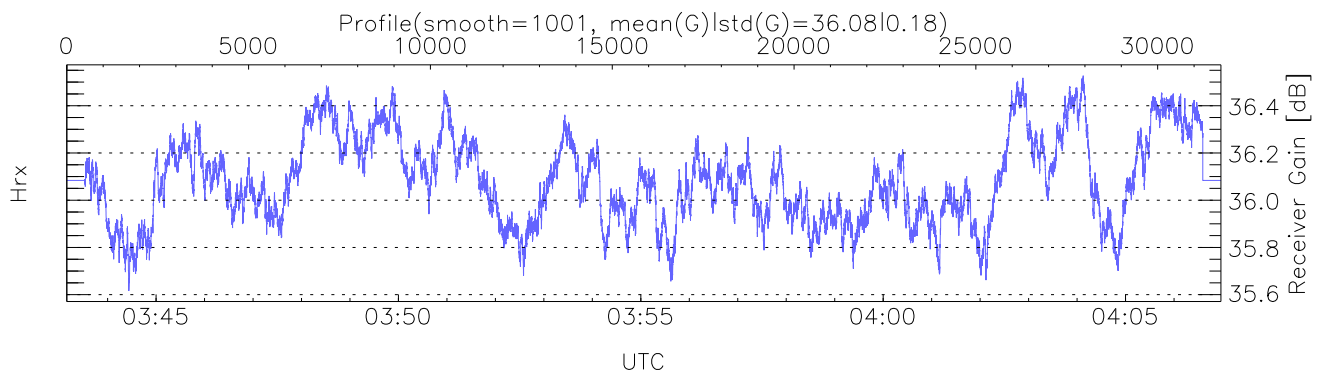
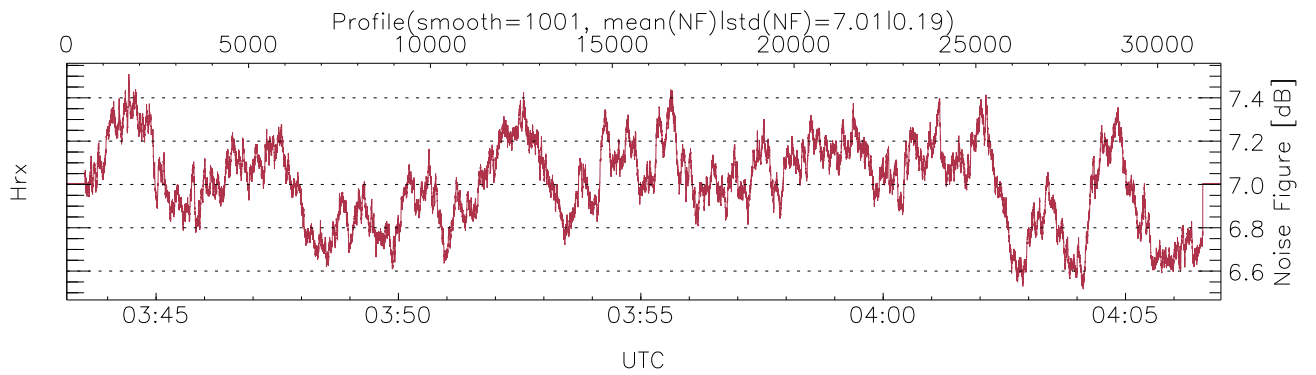
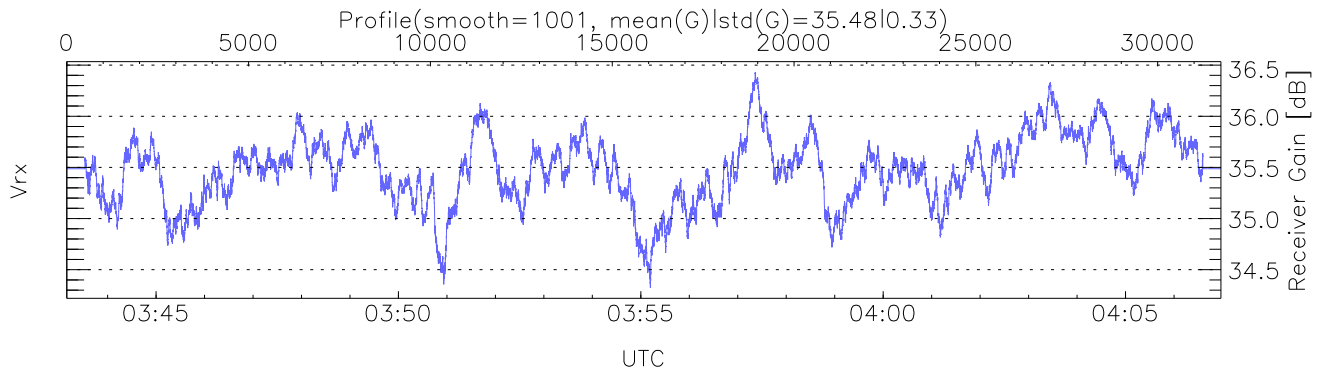
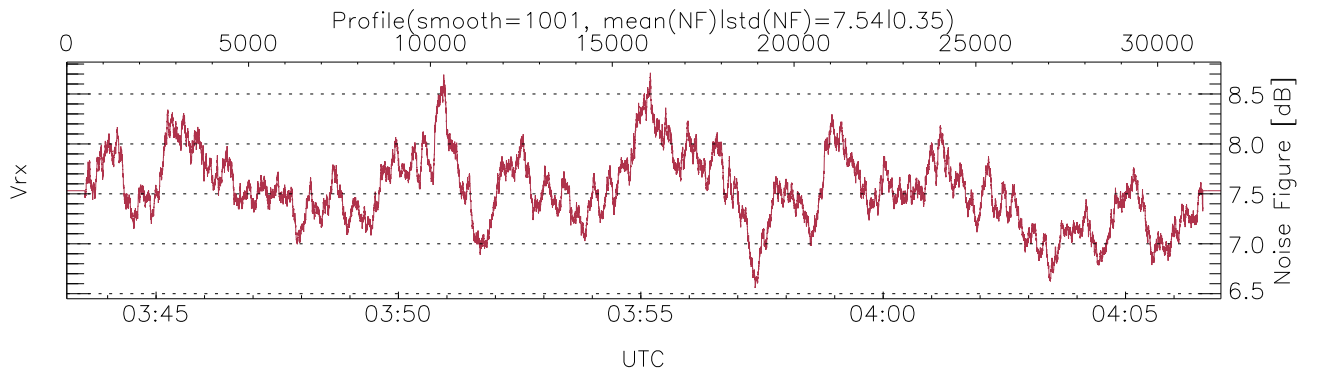
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:43:09-04:06:58, 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, 0-31740/03:43:09-04:06:58
 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



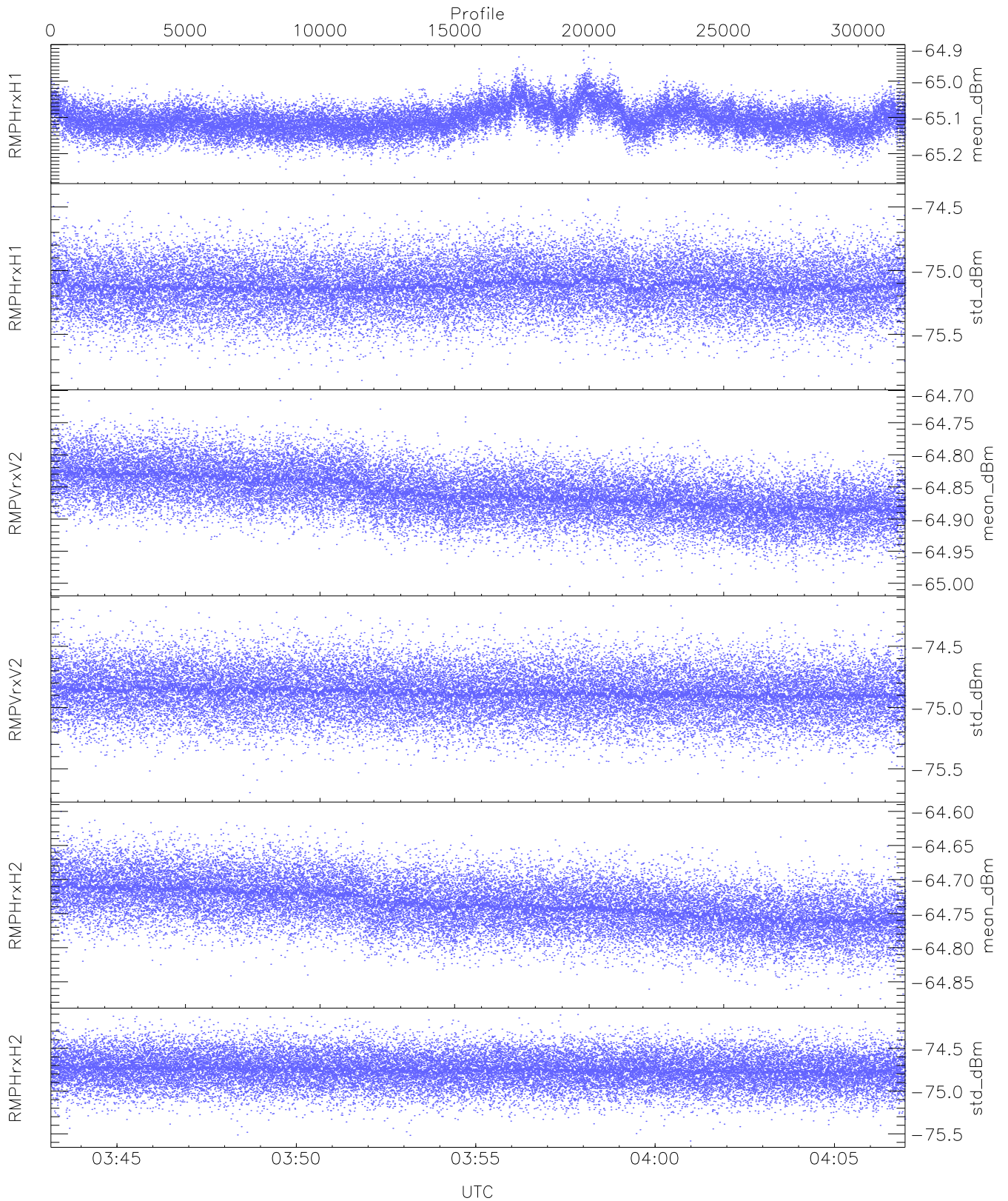
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,24,26,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,27,28
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (114,114,138,92,138,114,114,92)
```



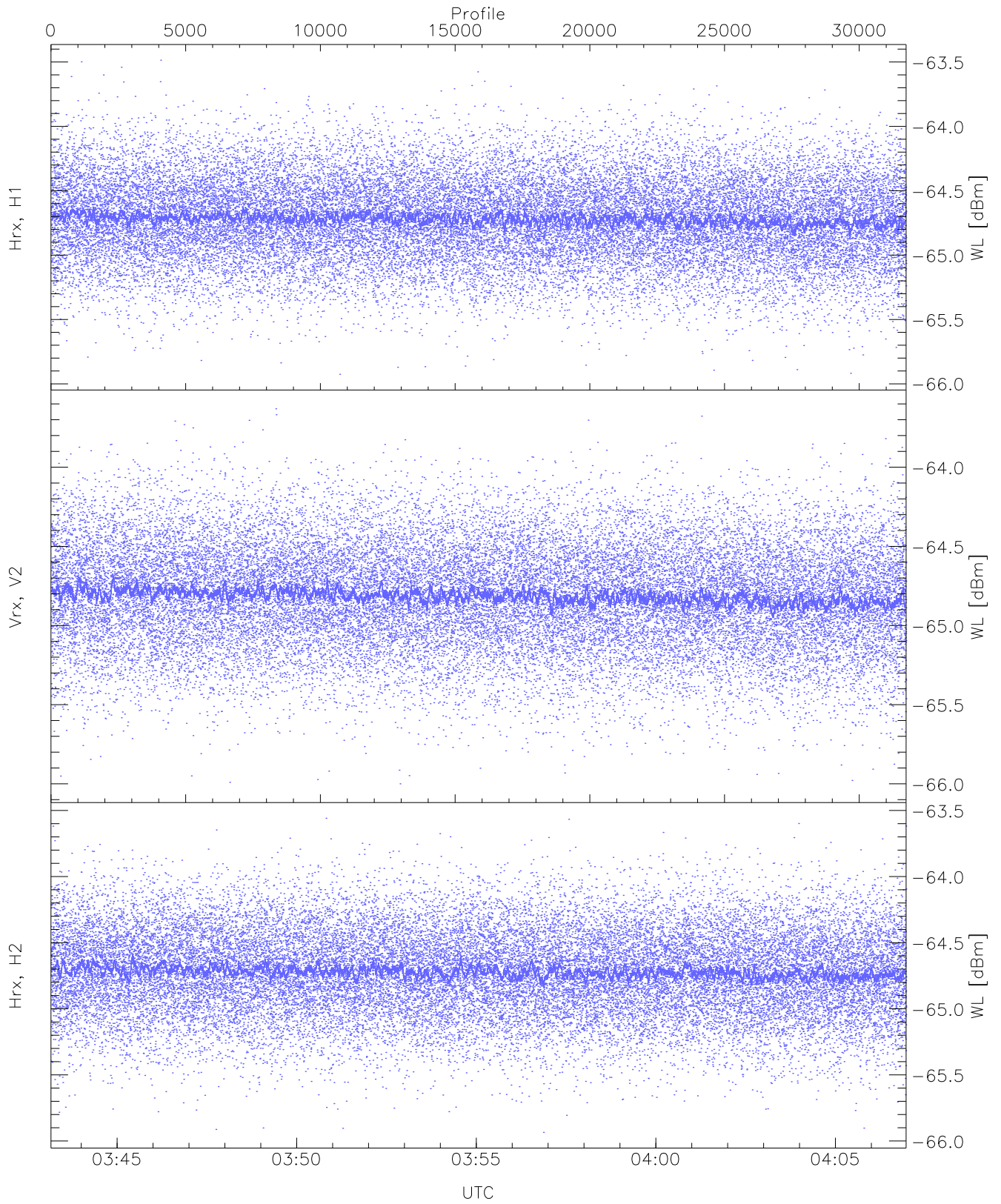
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 5 pixs, 3 gates, 5 profs, 1 prod(s)



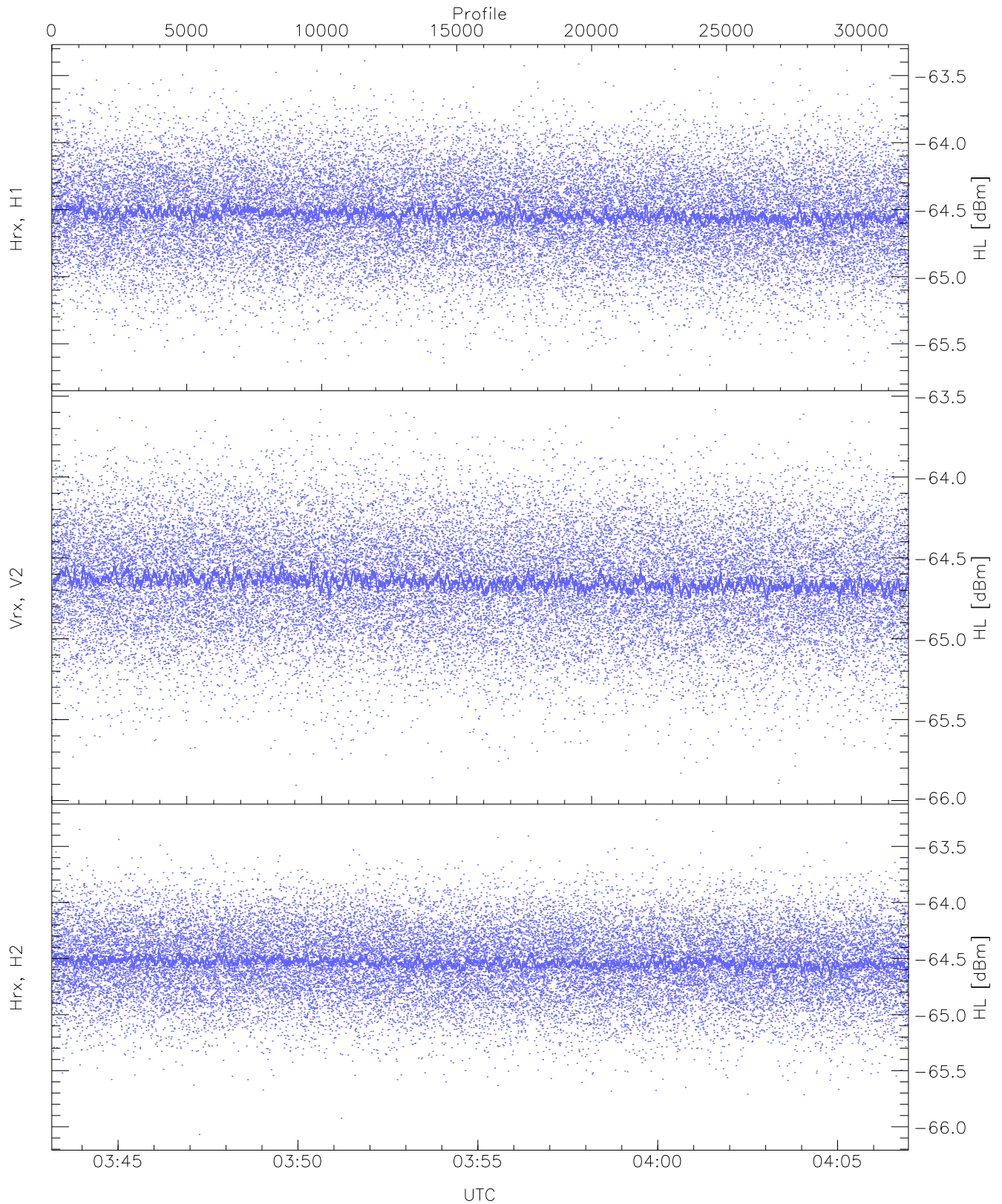
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.26	-64.92	-65.11	-65.11	-85.72
RMPHrxH1 (std_dBm)	-75.86	-74.39	-75.12	-75.12	-88.92
RMPVrxV2 (mean_dBm)	-65.01	-64.71	-64.86	-64.86	-85.59
RMPVrxV2 (std_dBm)	-75.69	-74.17	-74.88	-74.88	-88.64
RMPHrxH2 (mean_dBm)	-64.87	-64.60	-64.74	-64.74	-85.67
RMPHrxH2 (std_dBm)	-75.58	-74.10	-74.75	-74.76	-88.50



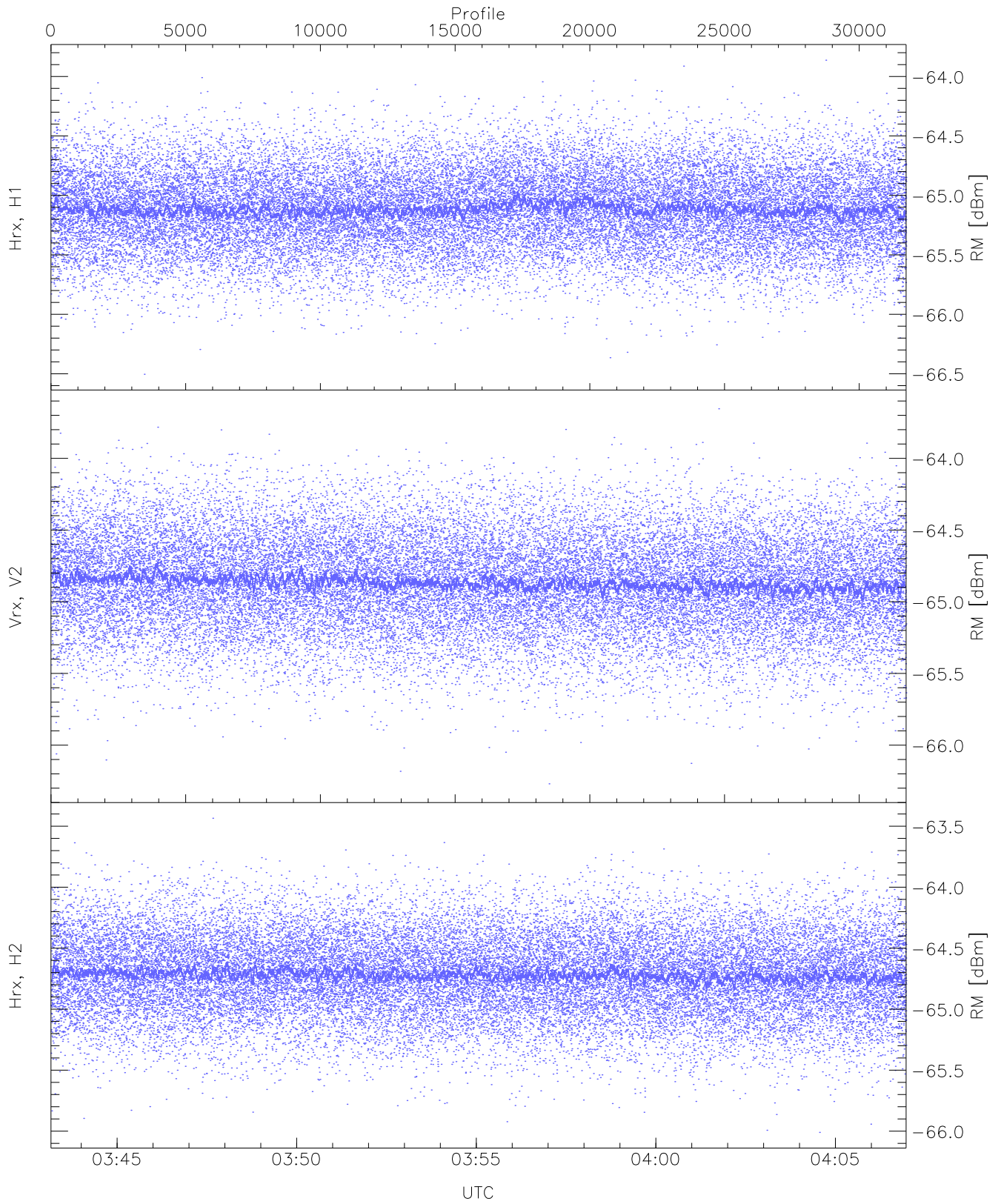
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.93	-63.49	-64.71	-64.72	-76.21
Vrx, V2 (WL [dBm])	-66.00	-63.63	-64.81	-64.81	-76.30
Hrx, H2 (WL [dBm])	-65.93	-63.56	-64.71	-64.72	-76.19



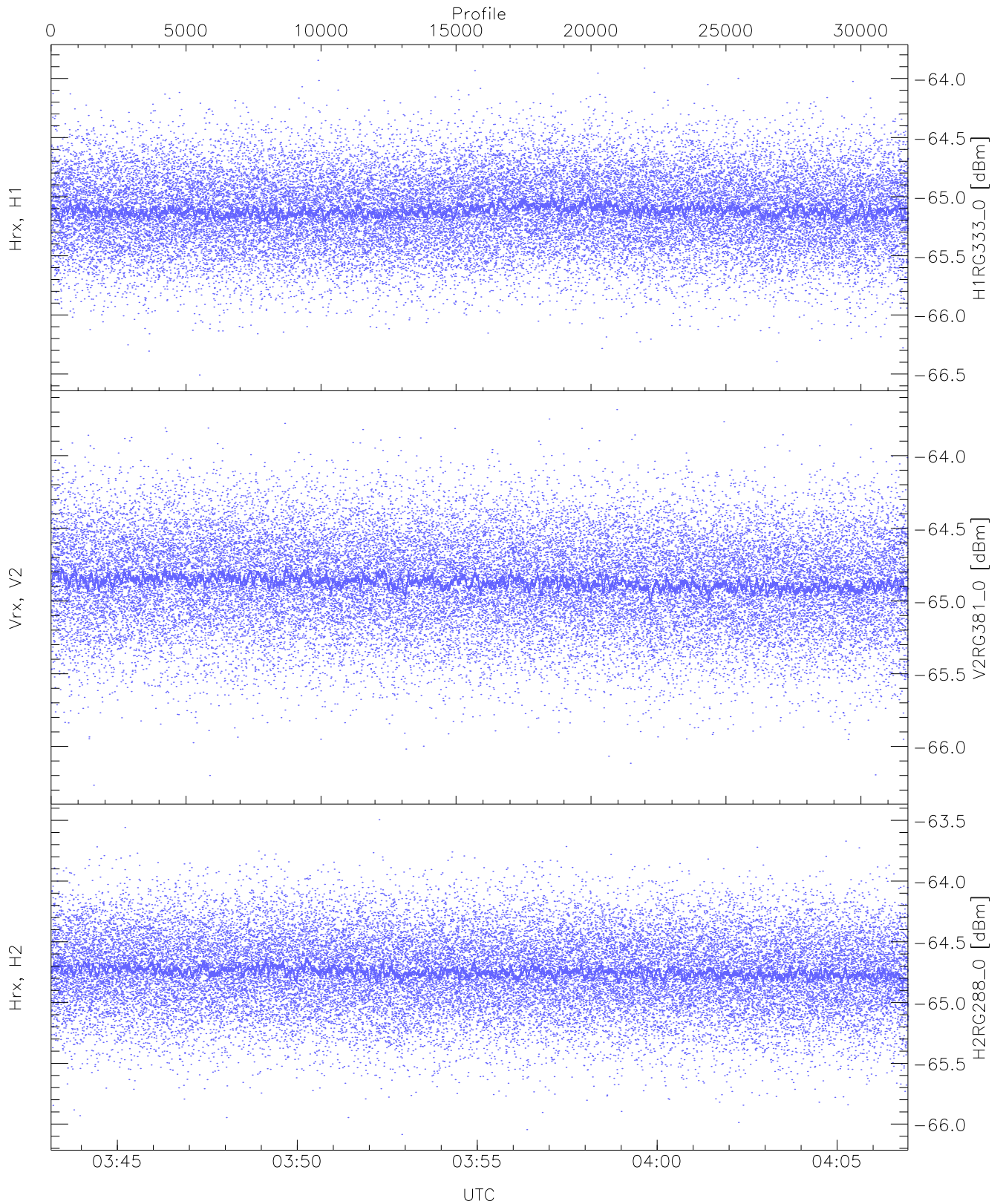
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.73	-63.39	-64.53	-64.54	-76.01
Vrx, V2 (HL [dBm])	-65.91	-63.58	-64.64	-64.65	-76.14
Hrx, H2 (HL [dBm])	-66.07	-63.26	-64.53	-64.54	-76.03



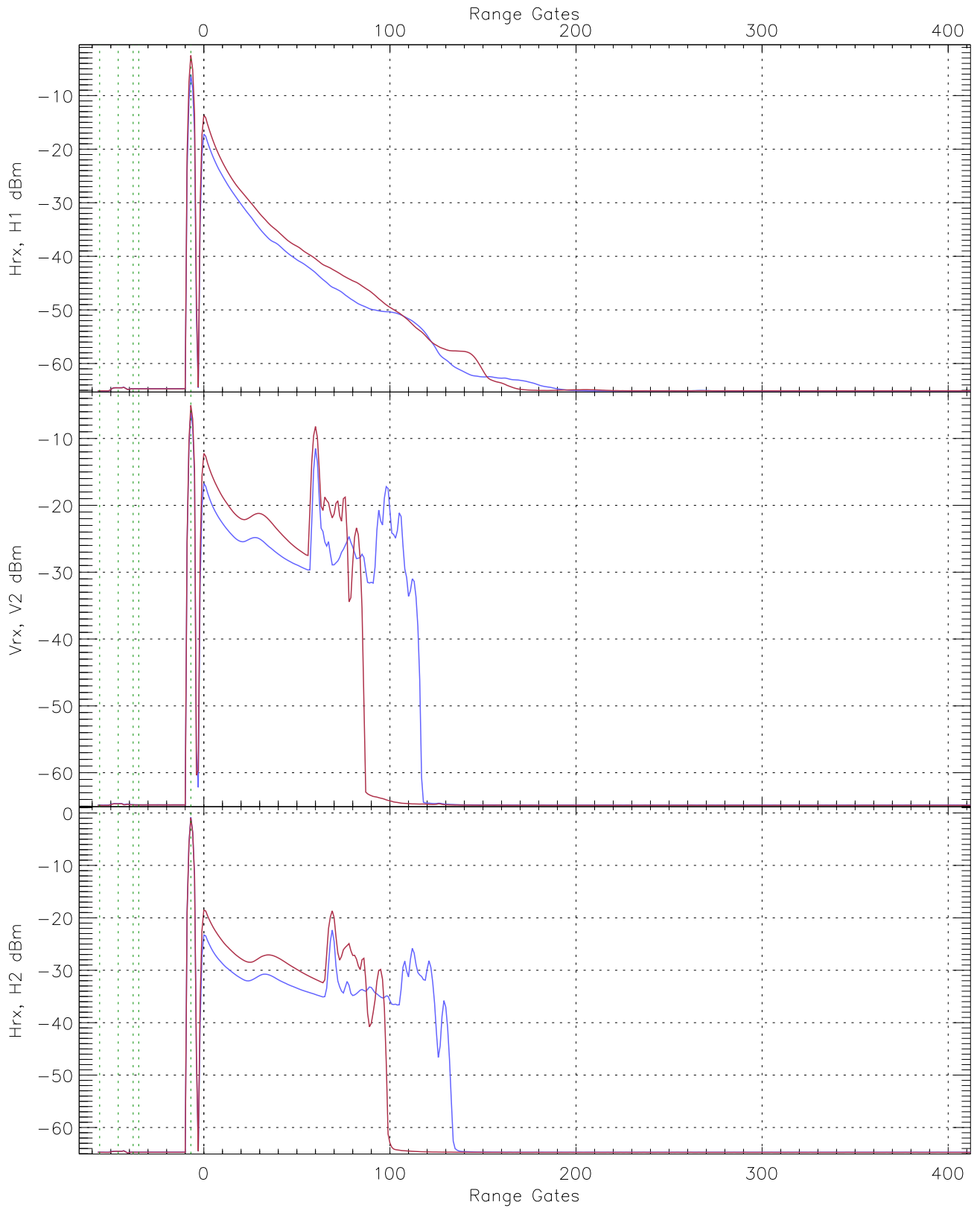
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.50	-63.86	-65.11	-65.12	-76.59
Vrx, V2 (RM [dBm])	-66.27	-63.65	-64.86	-64.87	-76.34
Hrx, H2 (RM [dBm])	-66.01	-63.43	-64.71	-64.72	-76.21

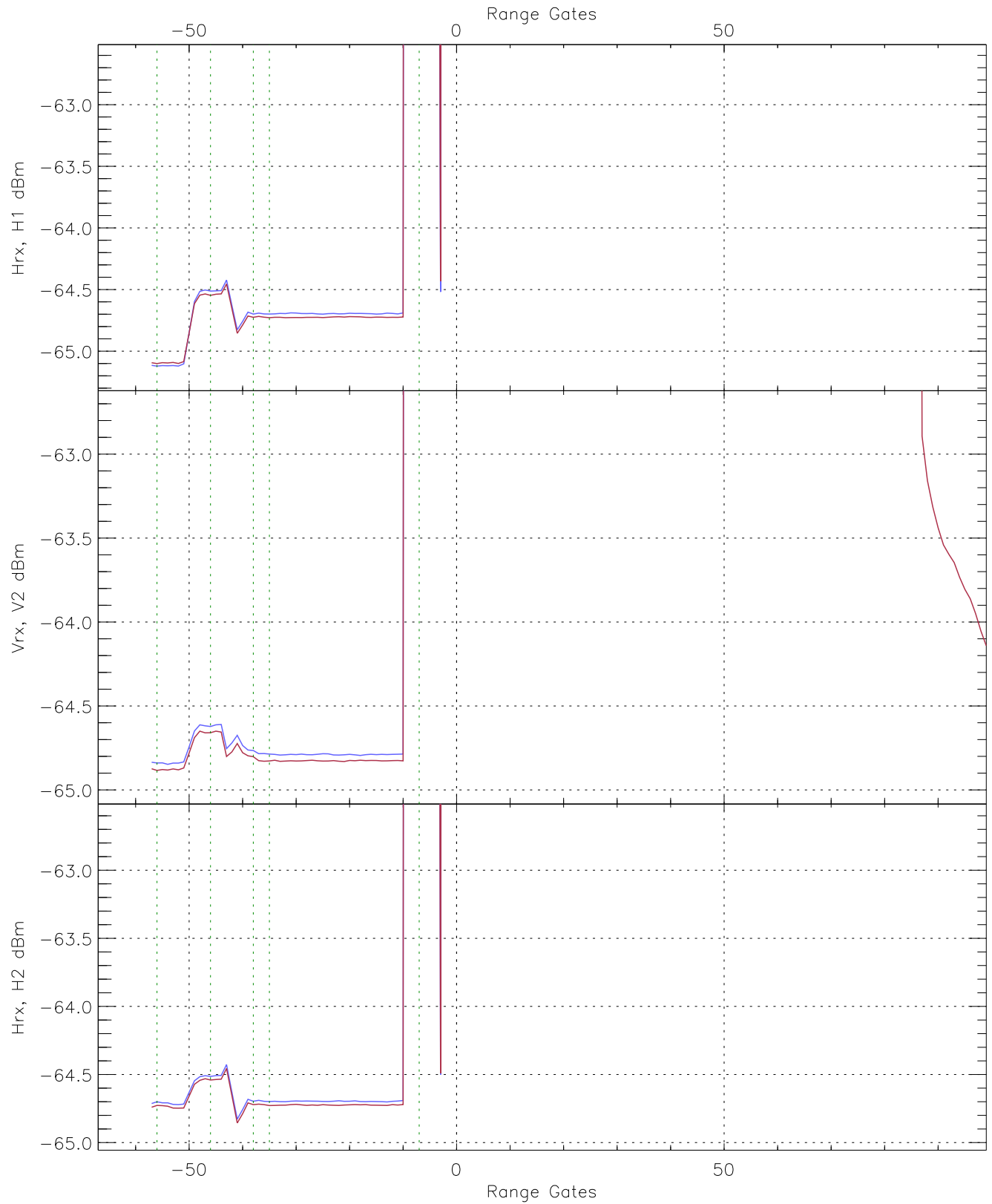


WCR3 CPP "Best" estimate Receivers Noise Power

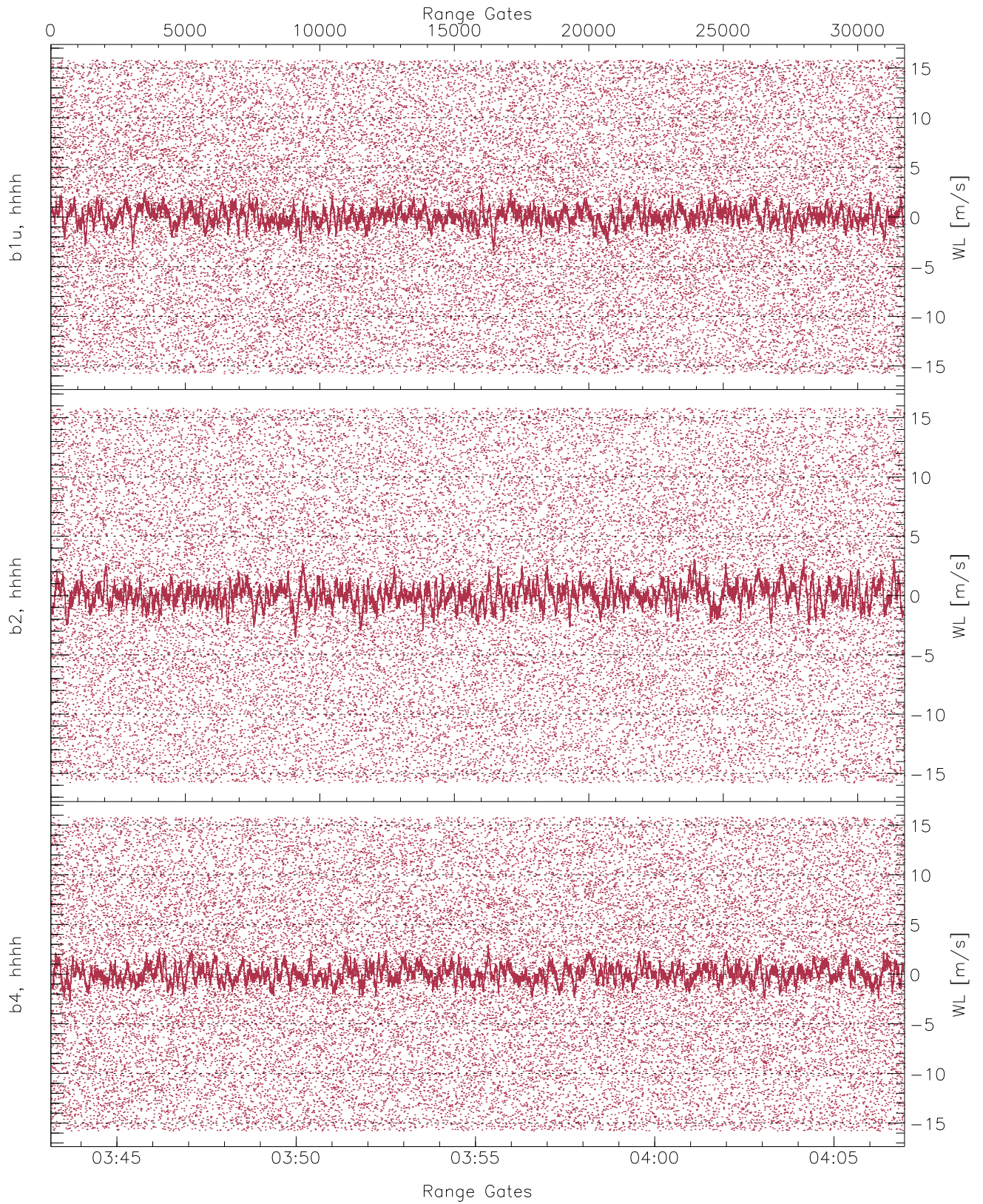
	Min	Max	Mean	Median	StDev
H1RG333_0 [dBm]	-66.51	-63.85	-65.11	-65.12	-76.59
V2RG381_0 [dBm]	-66.27	-63.68	-64.86	-64.87	-76.35
H2RG288_0 [dBm]	-66.09	-63.50	-64.74	-64.75	-76.22



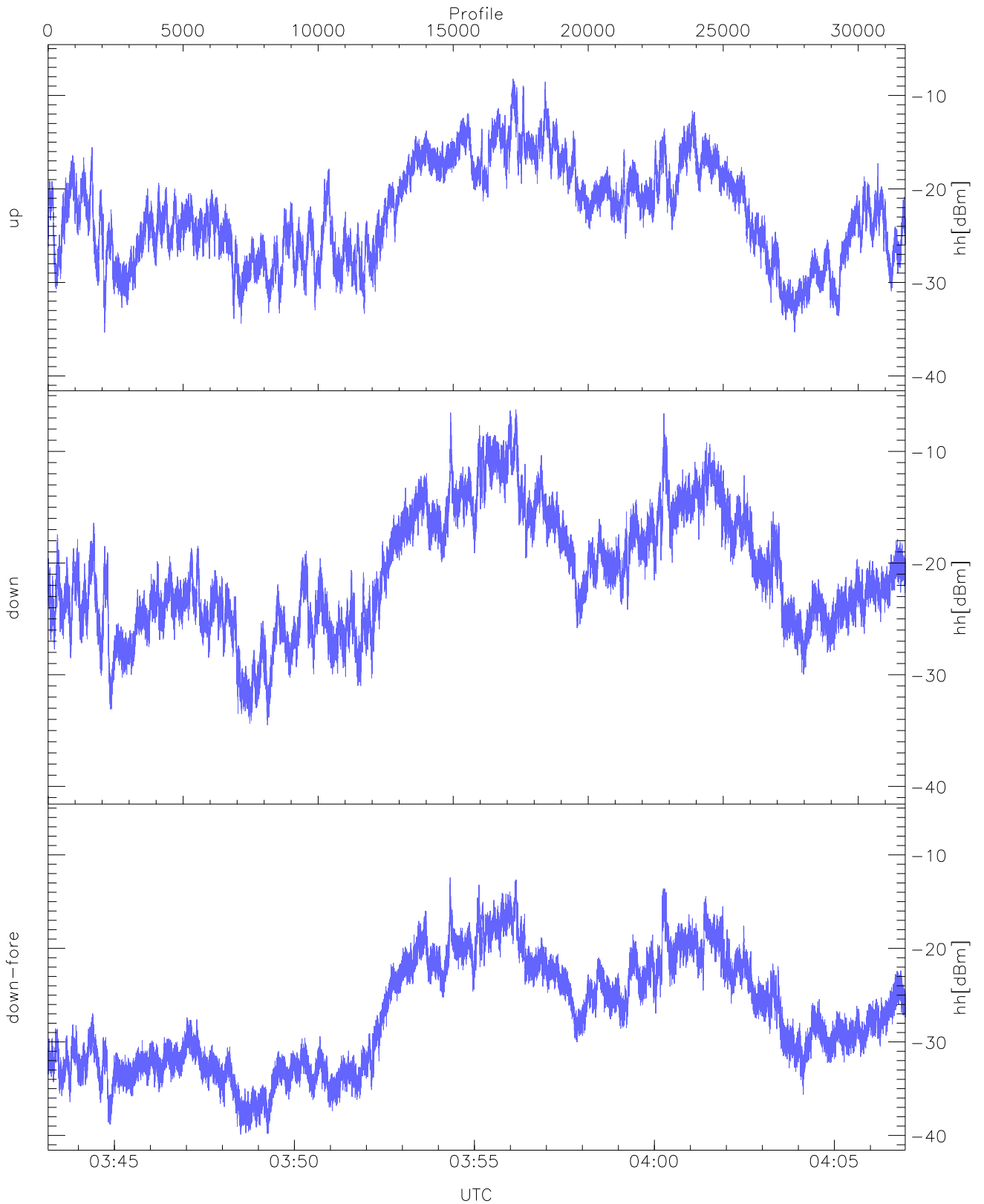
WCR3 CPP Averaged Received power for all recorded gates
blue: 034309-035504, 15871 profiles averaged
red: 035504-040658, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 034309-035504, 15871 profiles averaged
red: 035504-040658, 15871 profiles averaged

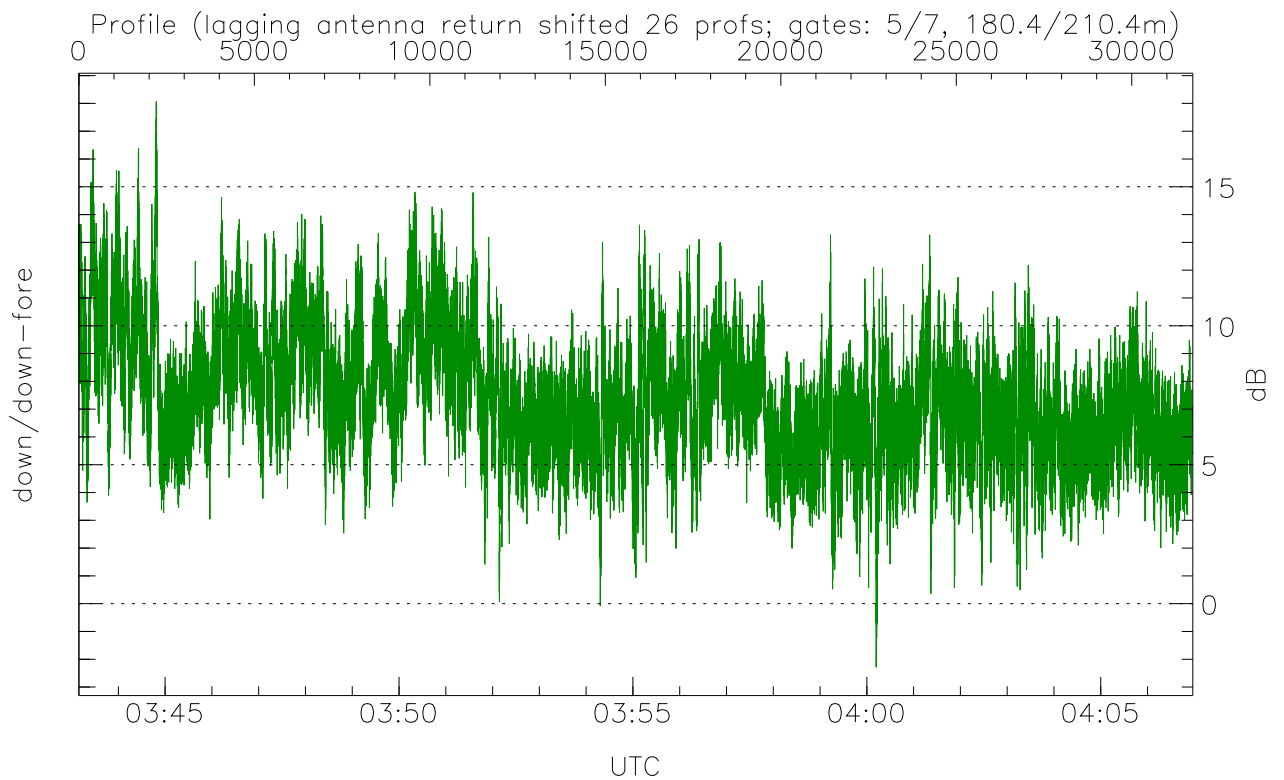
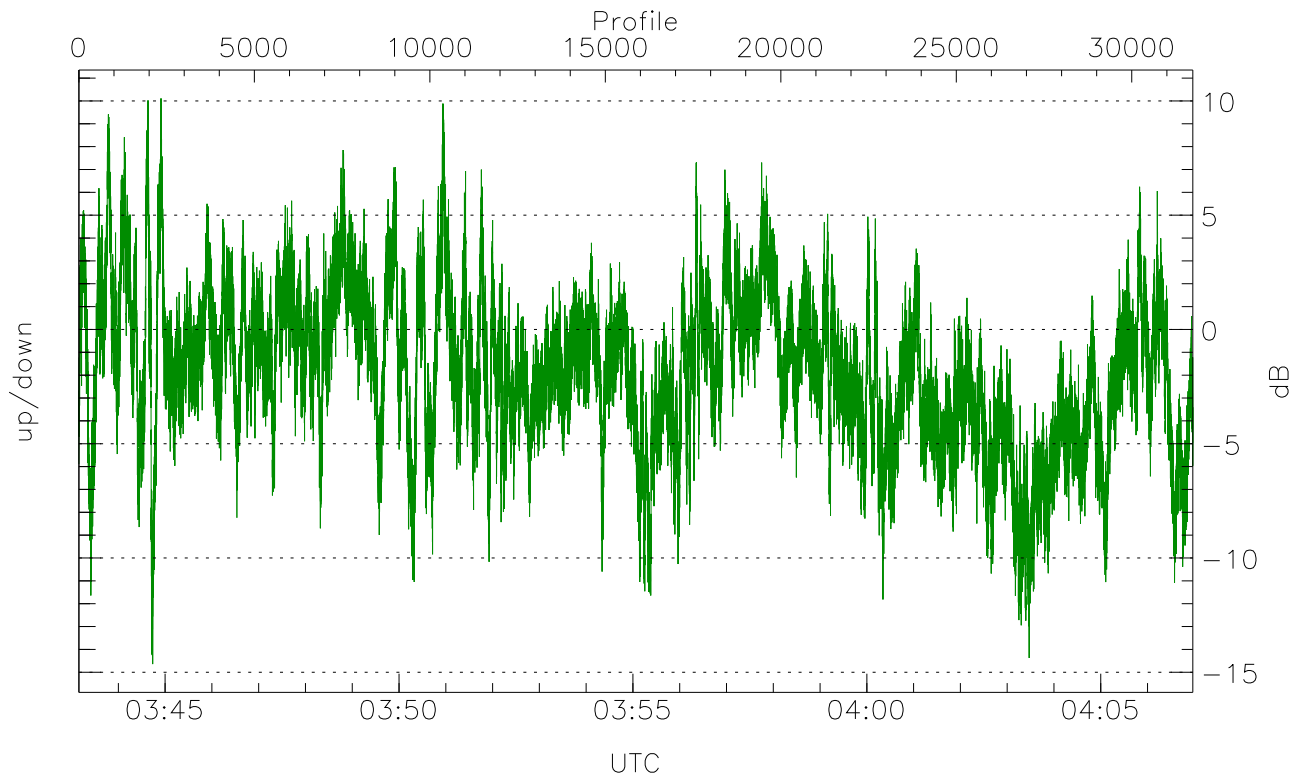


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



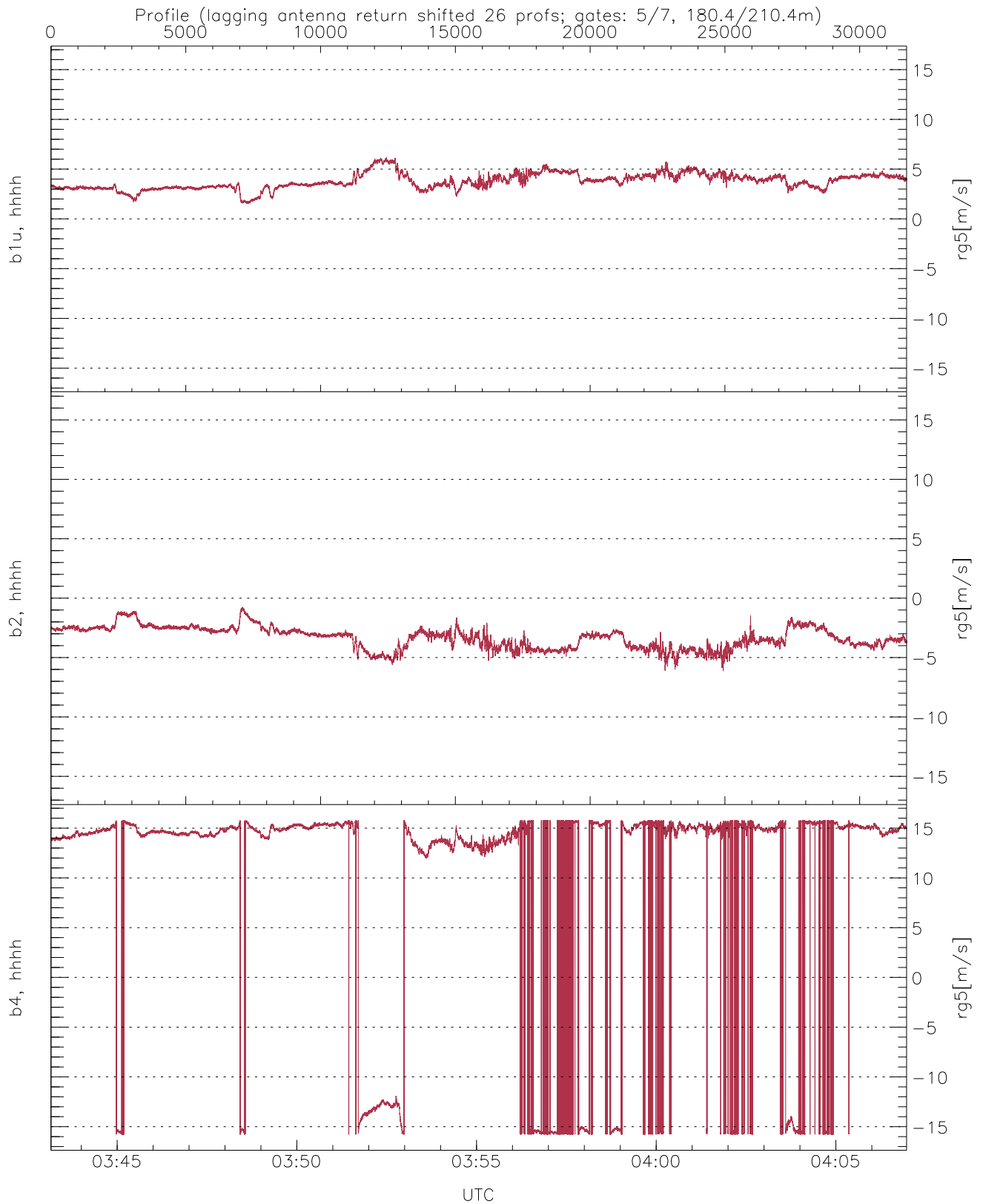
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-35.35	-8.22	-19.72
down(hh[dBm])	-34.51	-6.25	-17.60
down-fore(hh[dBm])	-39.90	-12.43	-23.52



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

	Min	Max	Mean
up/down (dB)	-14.64	10.11	-1.80
down/down-fore (dB)	-2.29	18.07	7.41



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.51	6.16	3.77	0.79
b2, hhhh(rg5[m/s])	-6.14	-0.76	-3.33	0.91
b4, hhhh(rg5[m/s])	-15.79	15.79	9.41	11.41