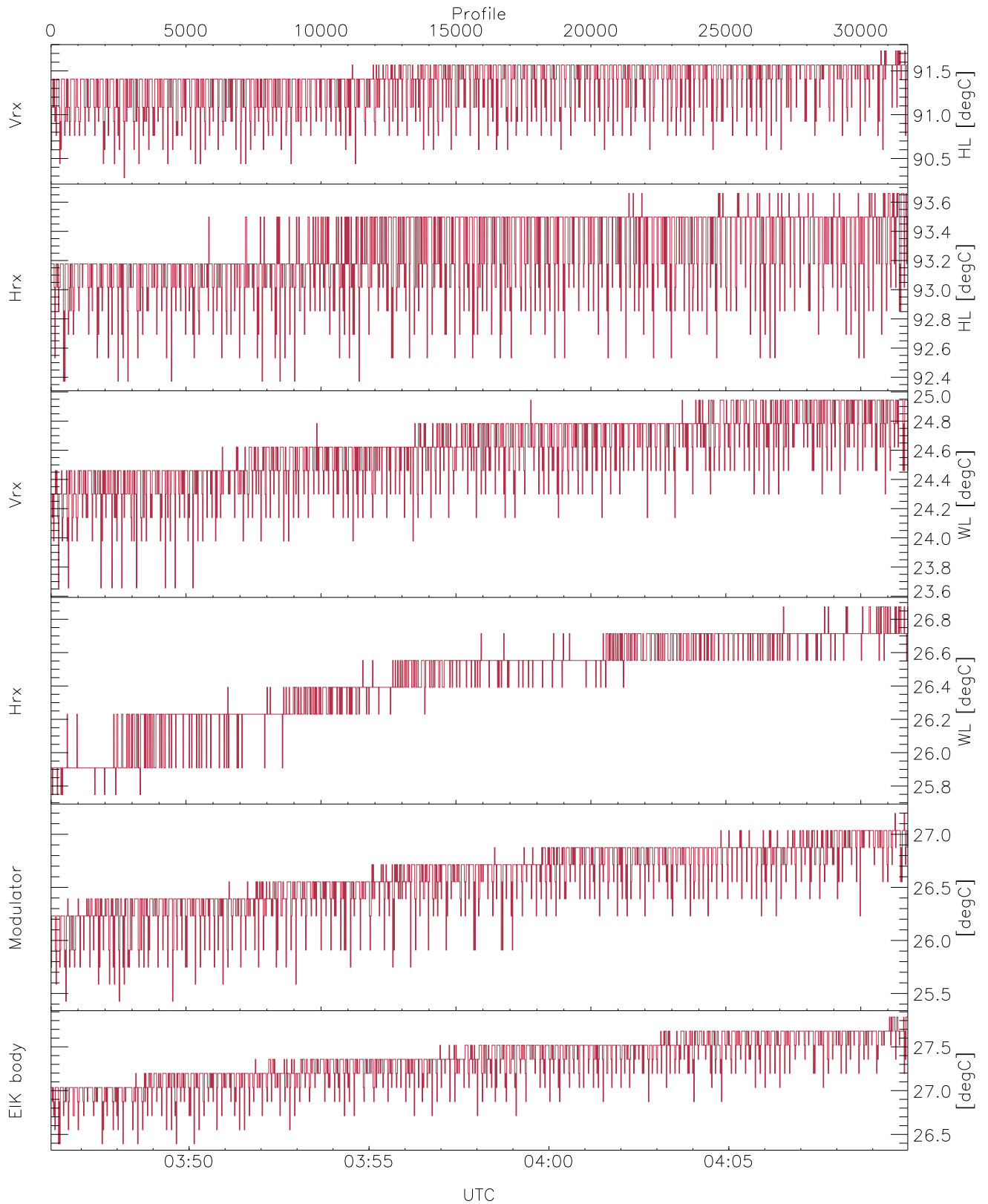


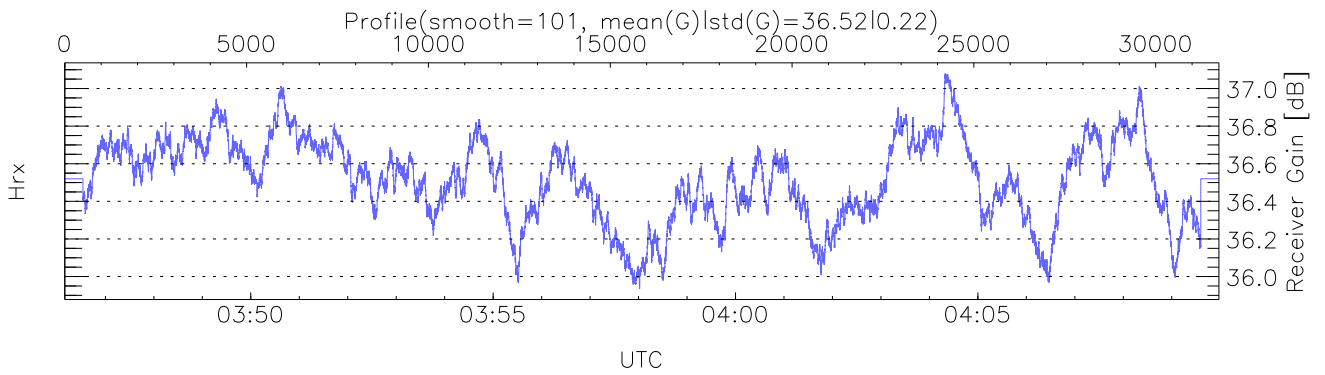
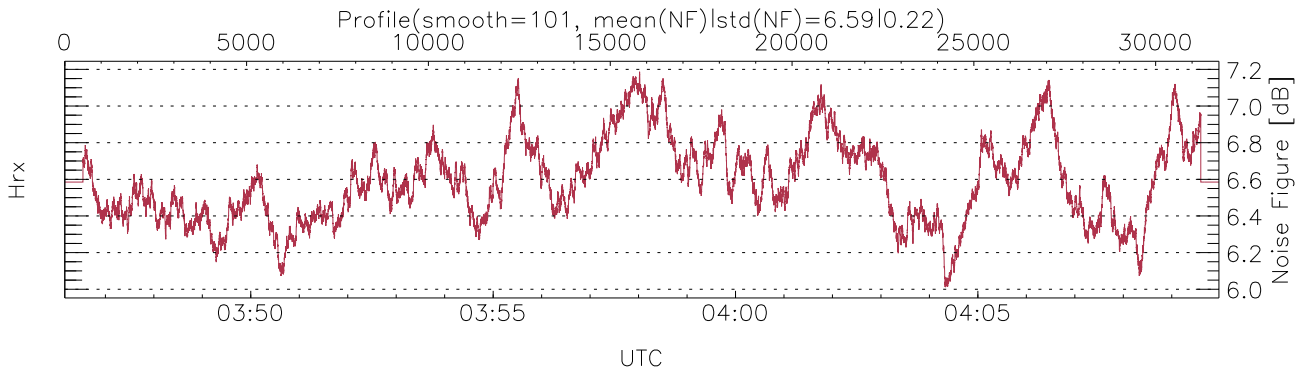
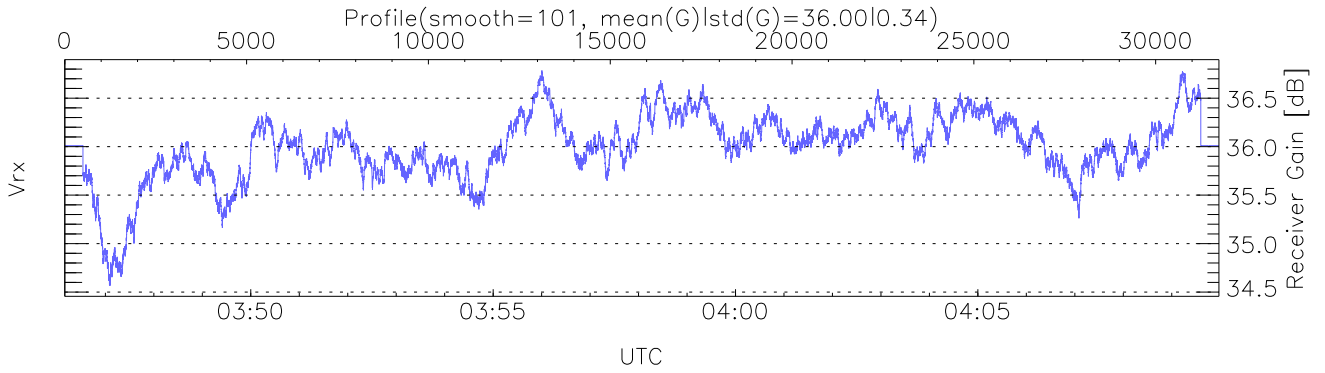
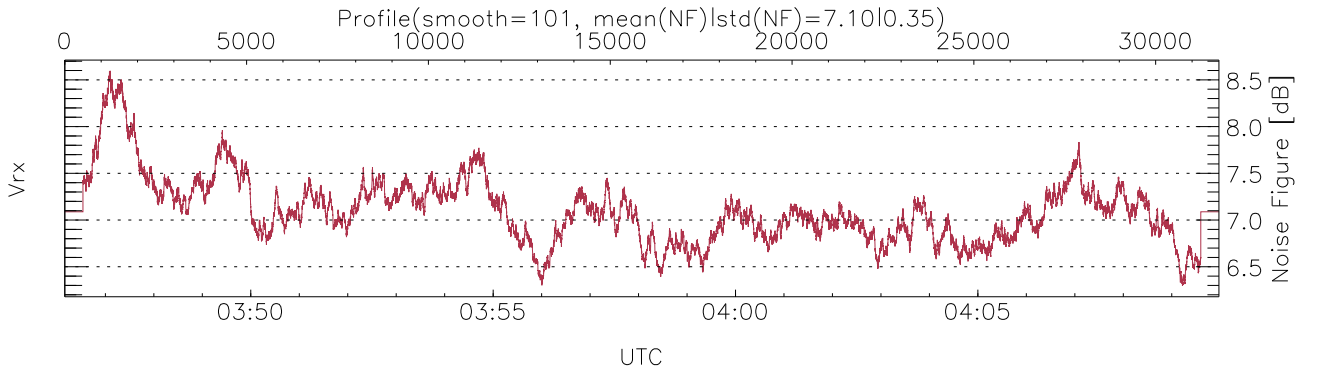
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:46:10-04:09:58, 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, 0-31740/03:46:10-04:09:58
 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



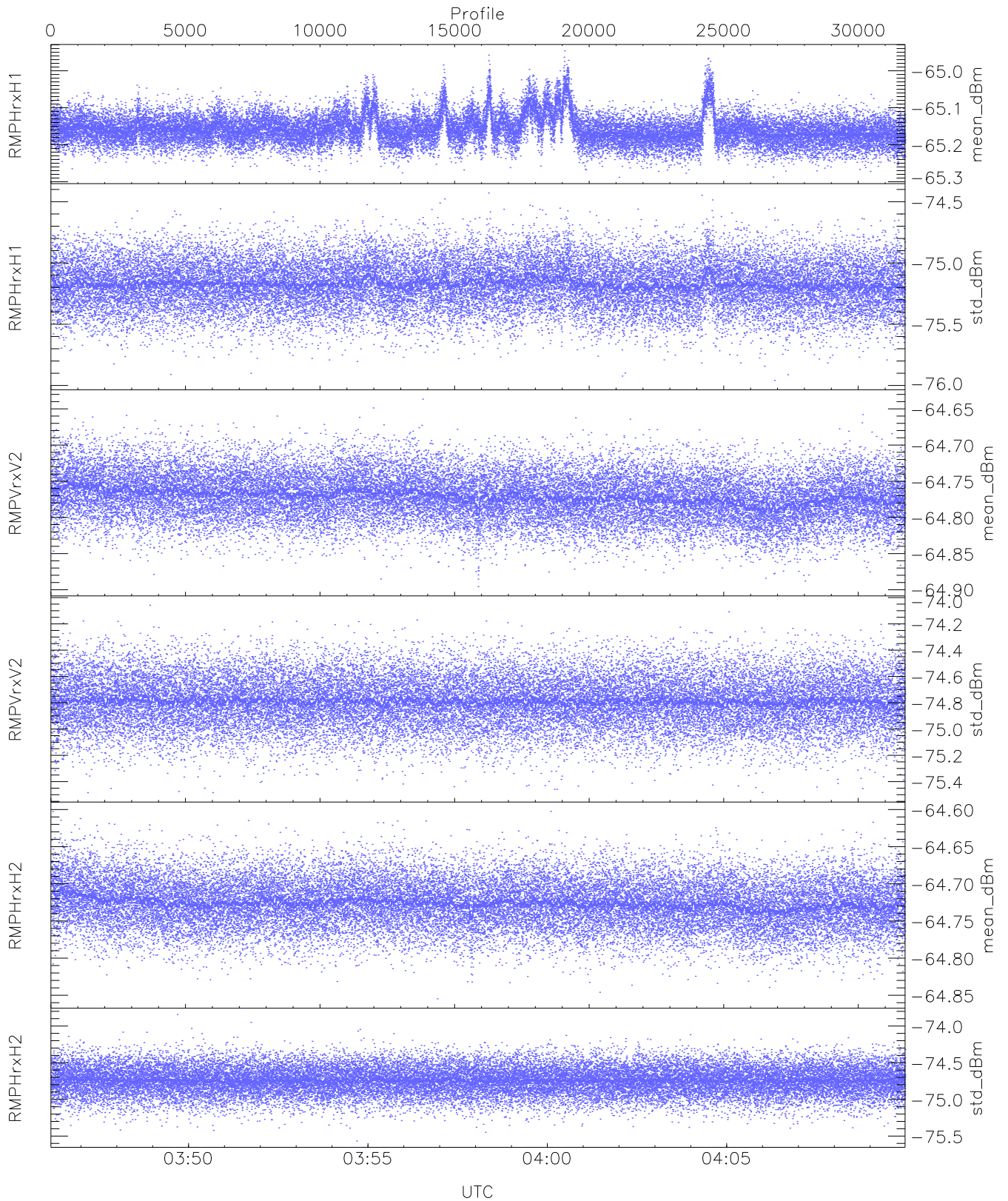
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

```
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,25,25,26  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,26,27,27  
LOalarm(20,240,2817,14861 MHz): 0,0,22,0  
EIK Faults(# prof affected):  
DeckF (22)
```



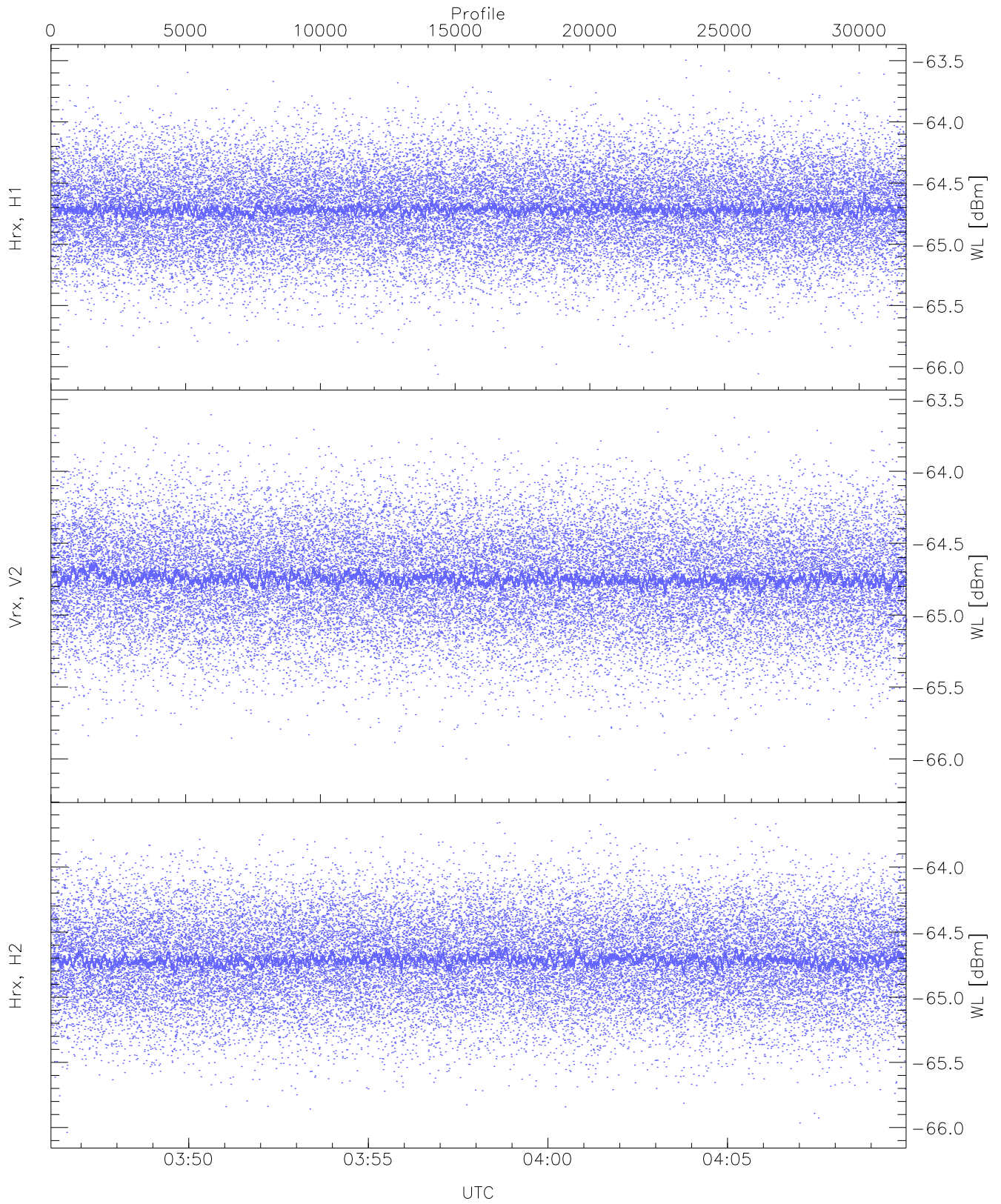
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 11 pixs, 1 gates, 11 profs, 1 prod(s)



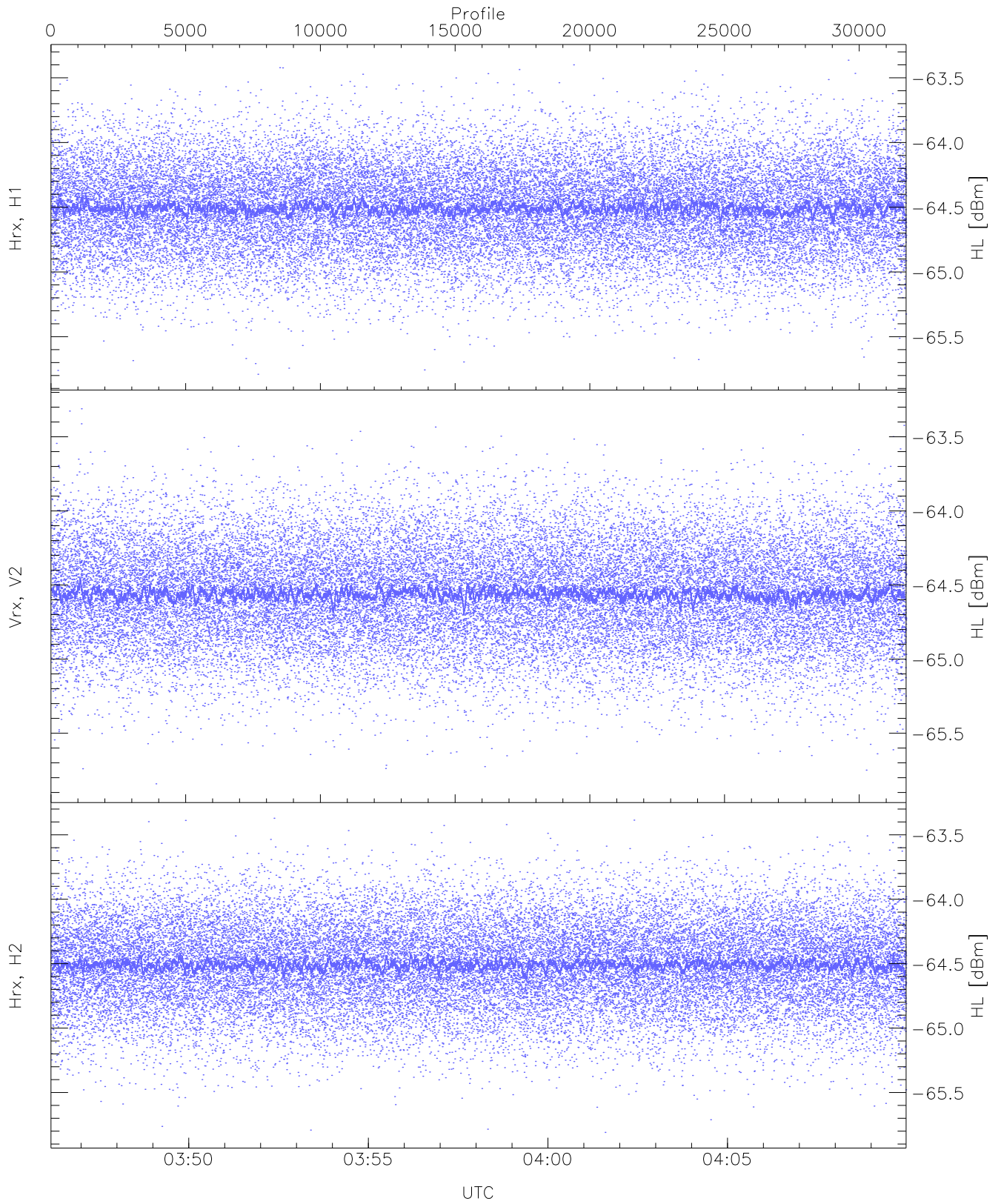
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.29	-64.95	-65.16	-65.16	-85.57
RMPHrxH1(std_dBm)	-75.96	-74.43	-75.17	-75.17	-88.91
RMPVrxV2(mean_dBm)	-64.90	-64.64	-64.77	-64.77	-86.26
RMPVrxV2(std_dBm)	-75.48	-74.06	-74.79	-74.79	-88.58
RMPHrxH2(mean_dBm)	-64.85	-64.60	-64.73	-64.73	-86.27
RMPHrxH2(std_dBm)	-75.57	-73.84	-74.74	-74.74	-88.55



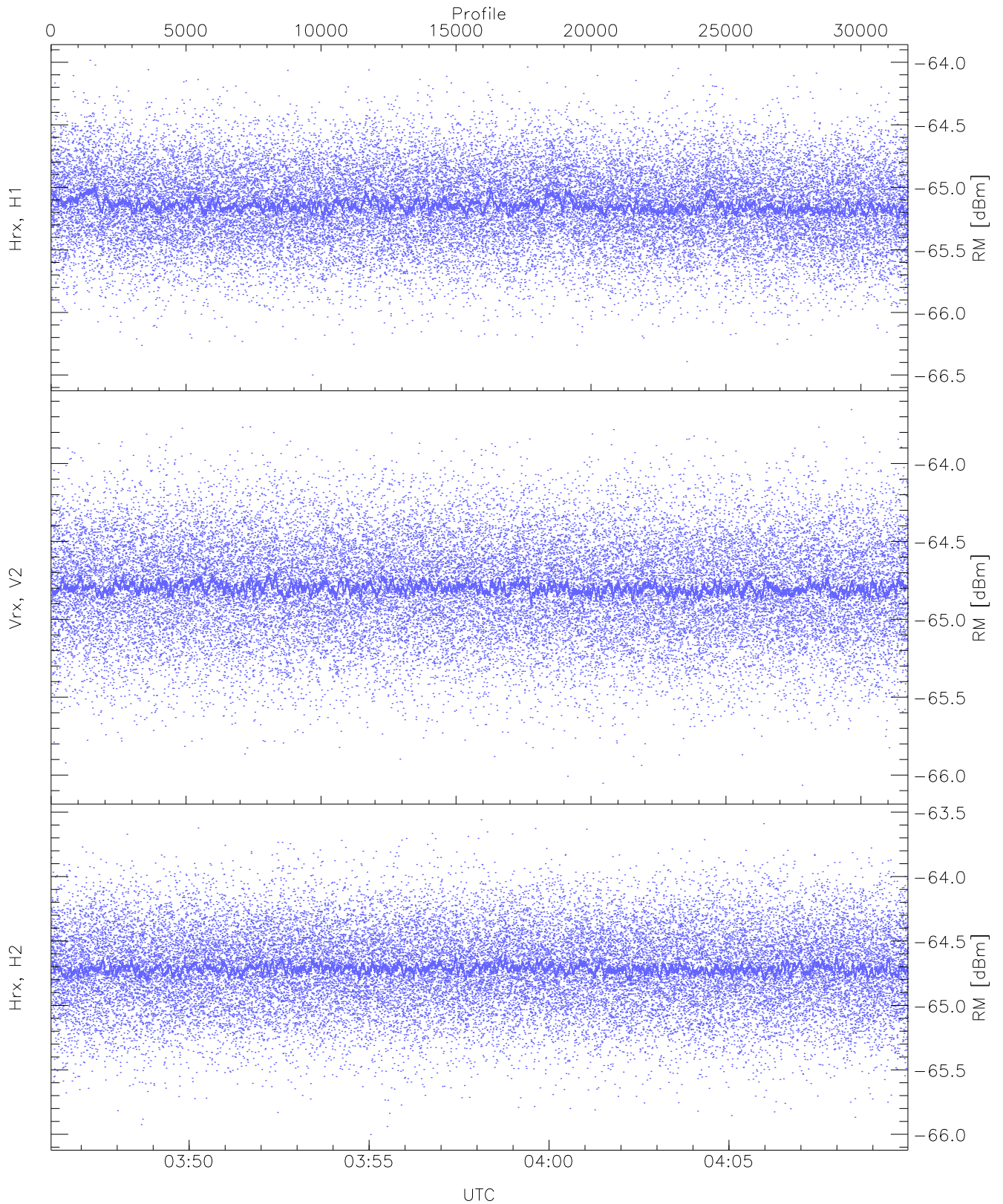
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.06	-63.50	-64.71	-64.71	-76.24
Vrx, V2 (WL [dBm])	-66.17	-63.57	-64.74	-64.75	-76.22
Hrx, H2 (WL [dBm])	-66.04	-63.63	-64.71	-64.72	-76.21



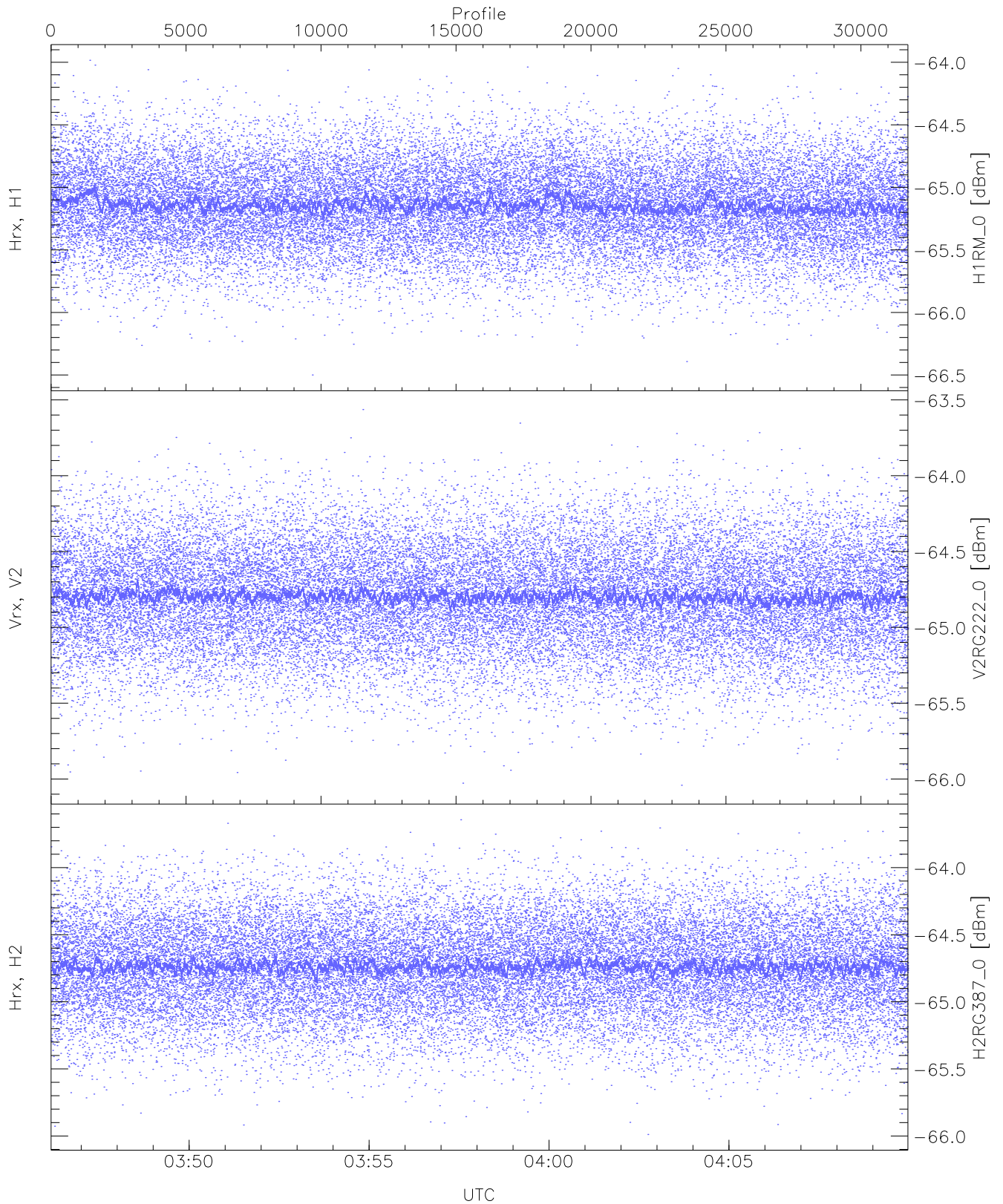
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.79	-63.36	-64.50	-64.51	-76.00
Vrx, V2 (HL [dBm])	-65.84	-63.31	-64.55	-64.56	-76.03
Hrx, H2 (HL [dBm])	-65.81	-63.37	-64.50	-64.51	-76.00



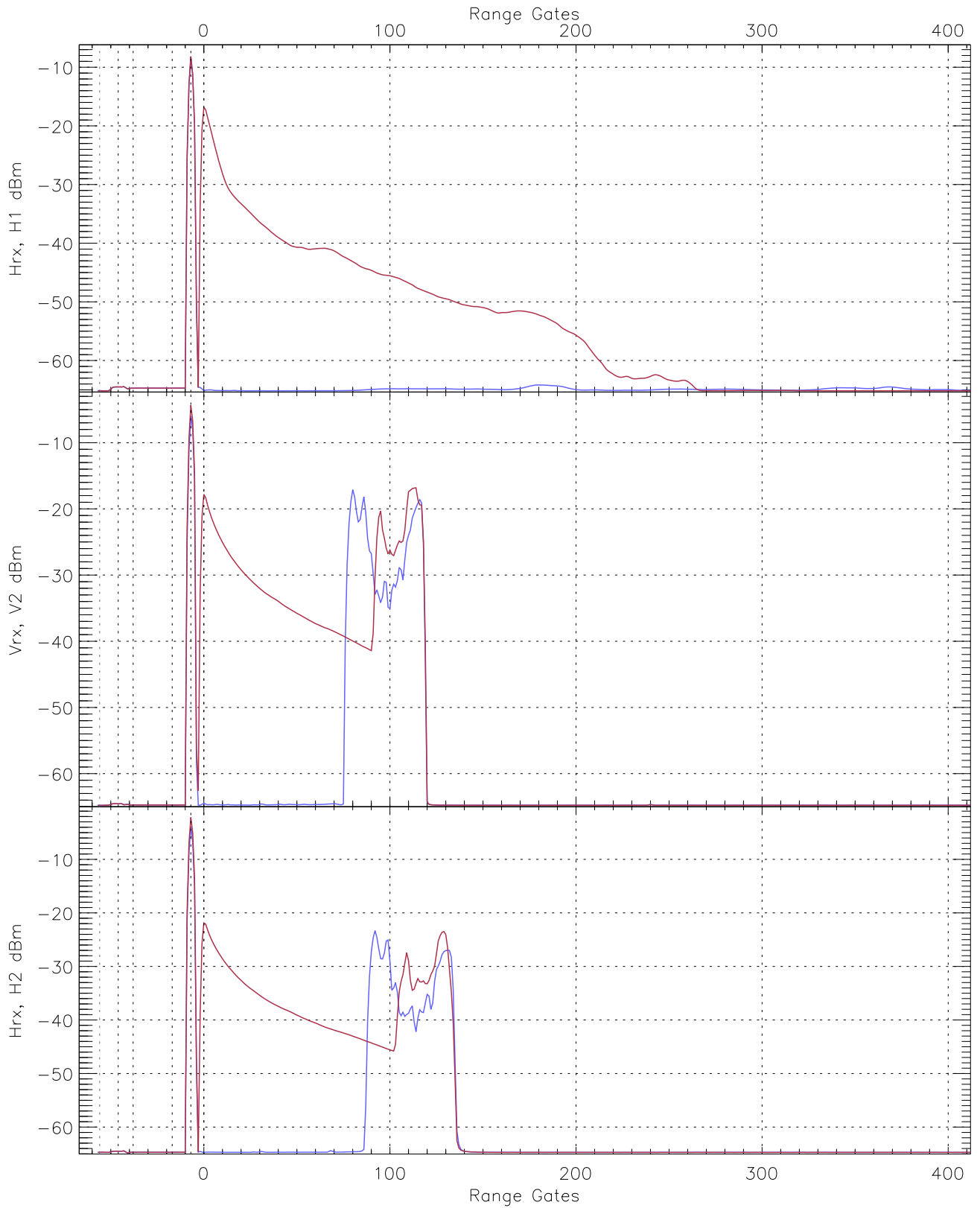
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.50	-63.98	-65.14	-65.15	-76.62
Vrx, V2 (RM [dBm])	-66.07	-63.65	-64.79	-64.80	-76.31
Hrx, H2 (RM [dBm])	-66.00	-63.56	-64.71	-64.72	-76.20

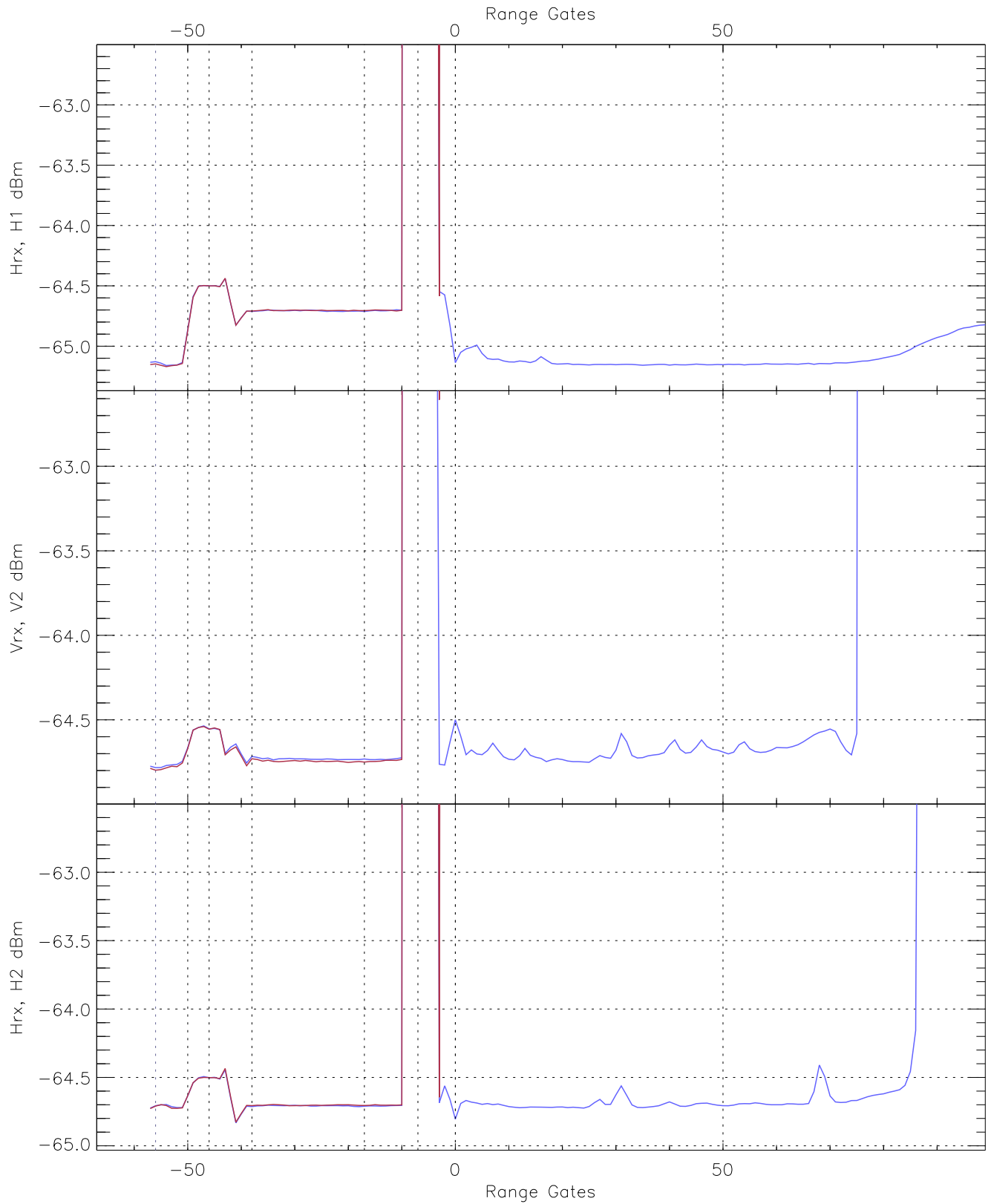


WCR3 CPP "Best" estimate Receivers Noise Power

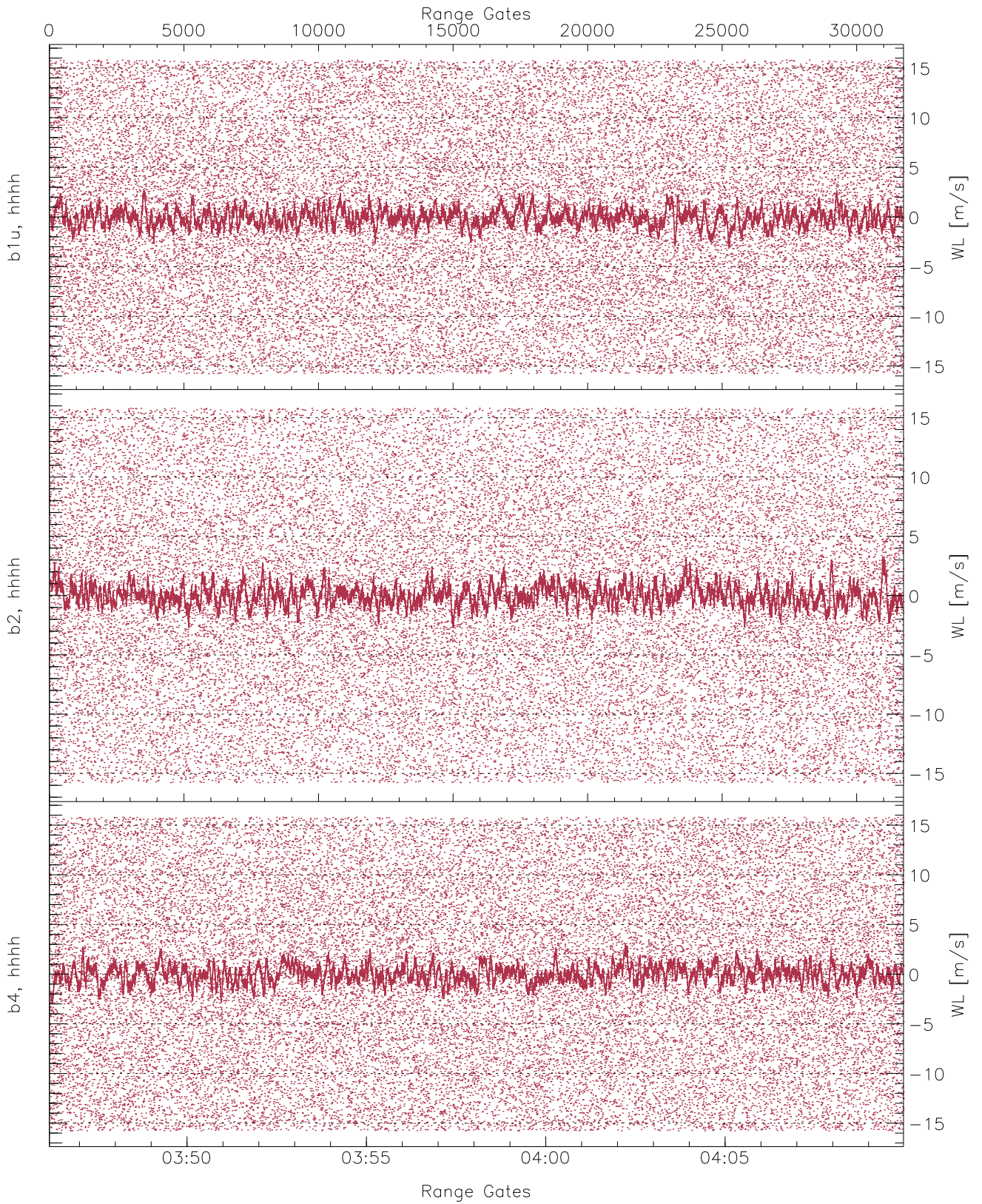
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.50	-63.98	-65.14	-65.15	-76.62
V2RG222_0 [dBm]	-66.04	-63.56	-64.79	-64.80	-76.30
H2RG387_0 [dBm]	-65.99	-63.64	-64.73	-64.74	-76.24



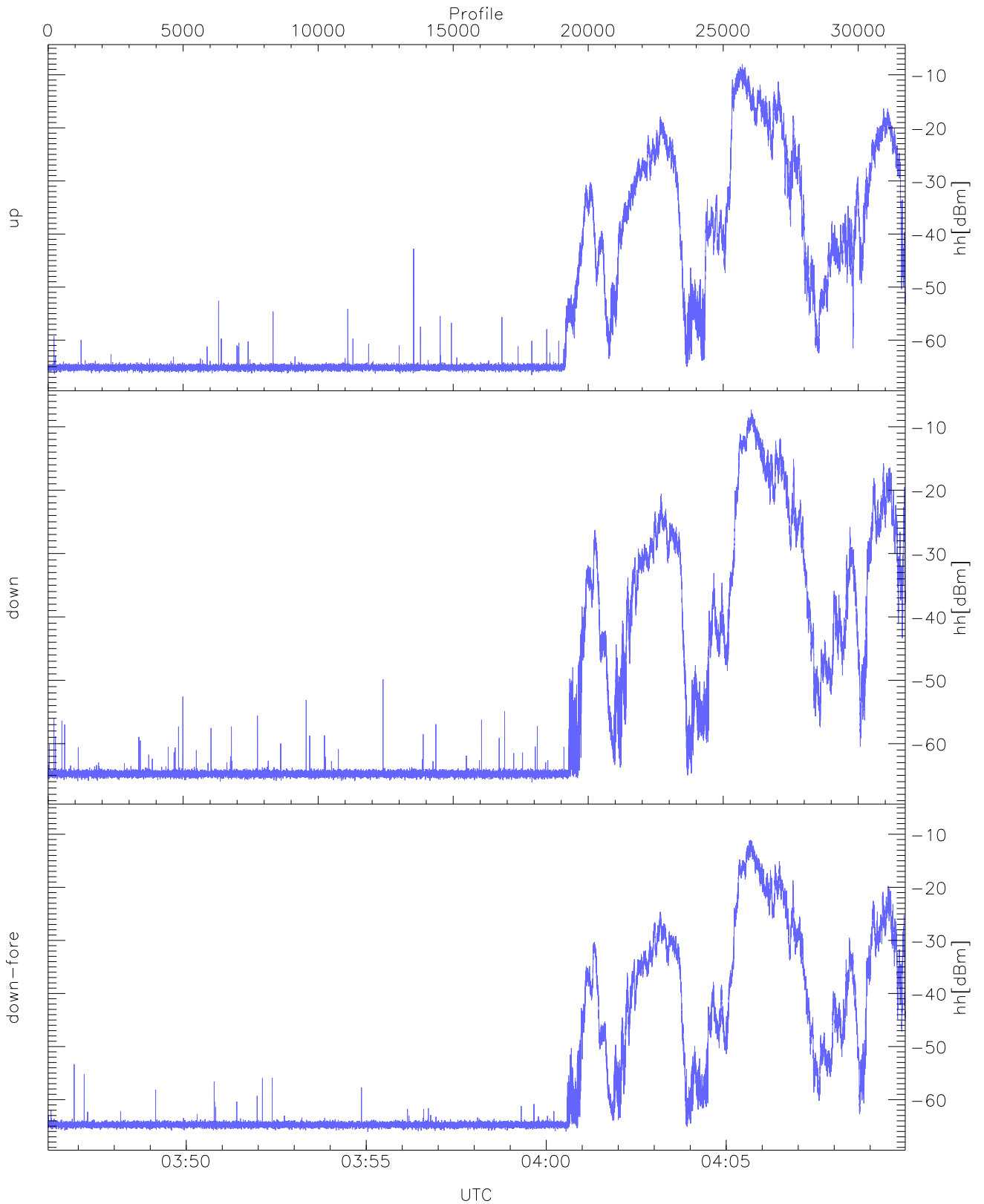
WCR3 CPP Averaged Received power for all recorded gates
blue: 034610-035804, 15871 profiles averaged
red: 035804-040958, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 034610-035804, 15871 profiles averaged
red: 035804-040958, 15871 profiles averaged

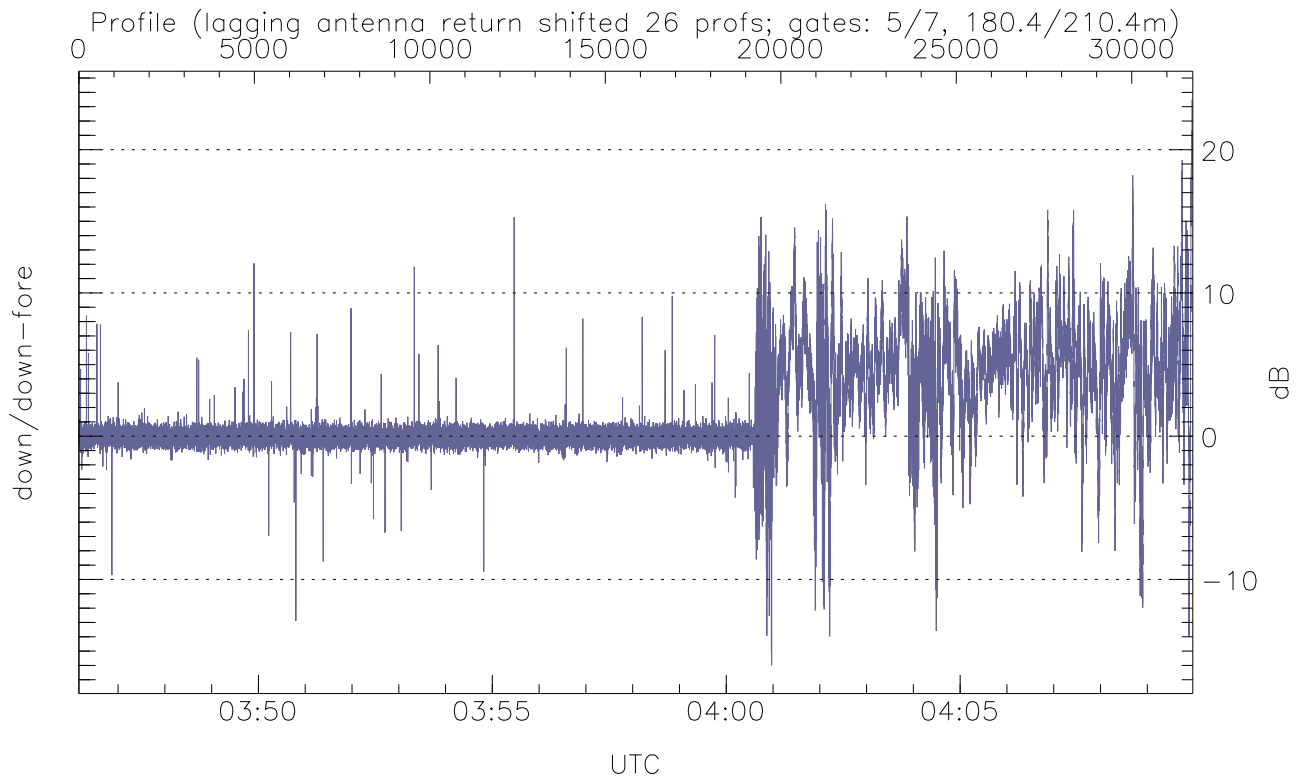
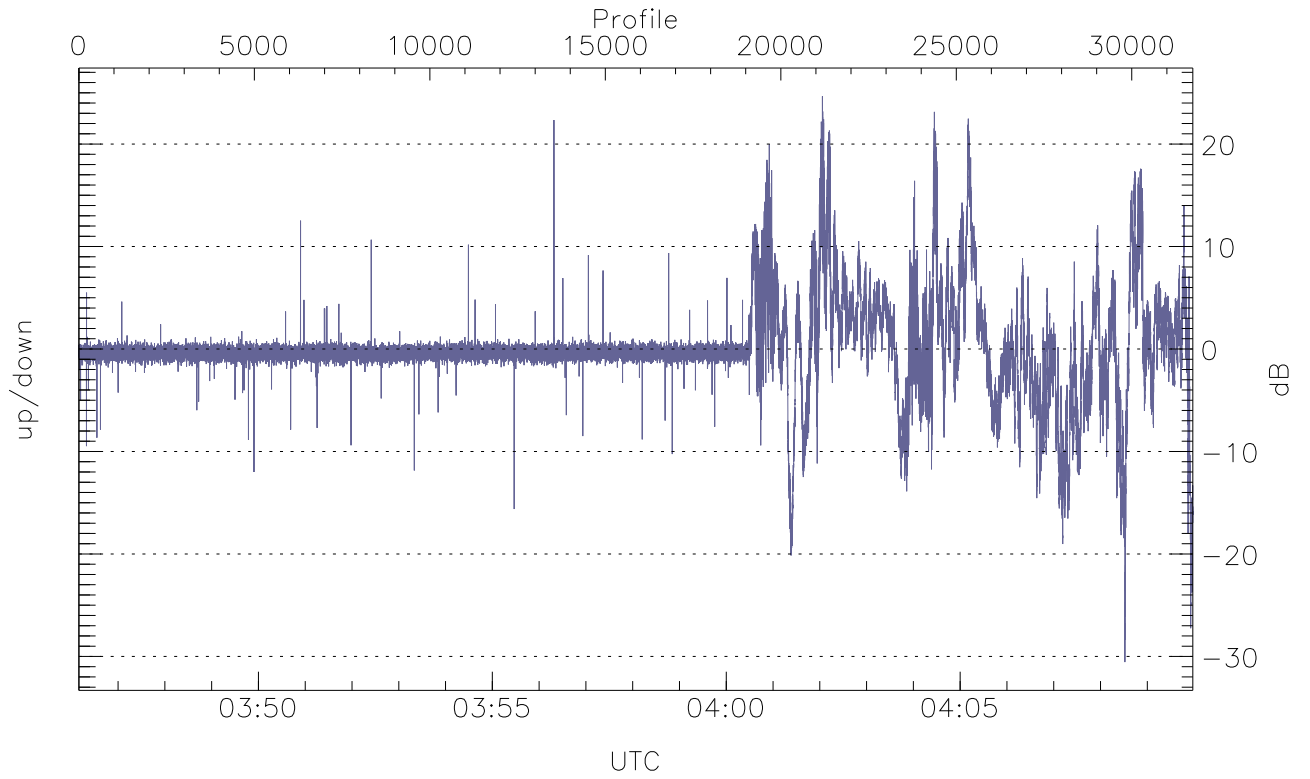


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



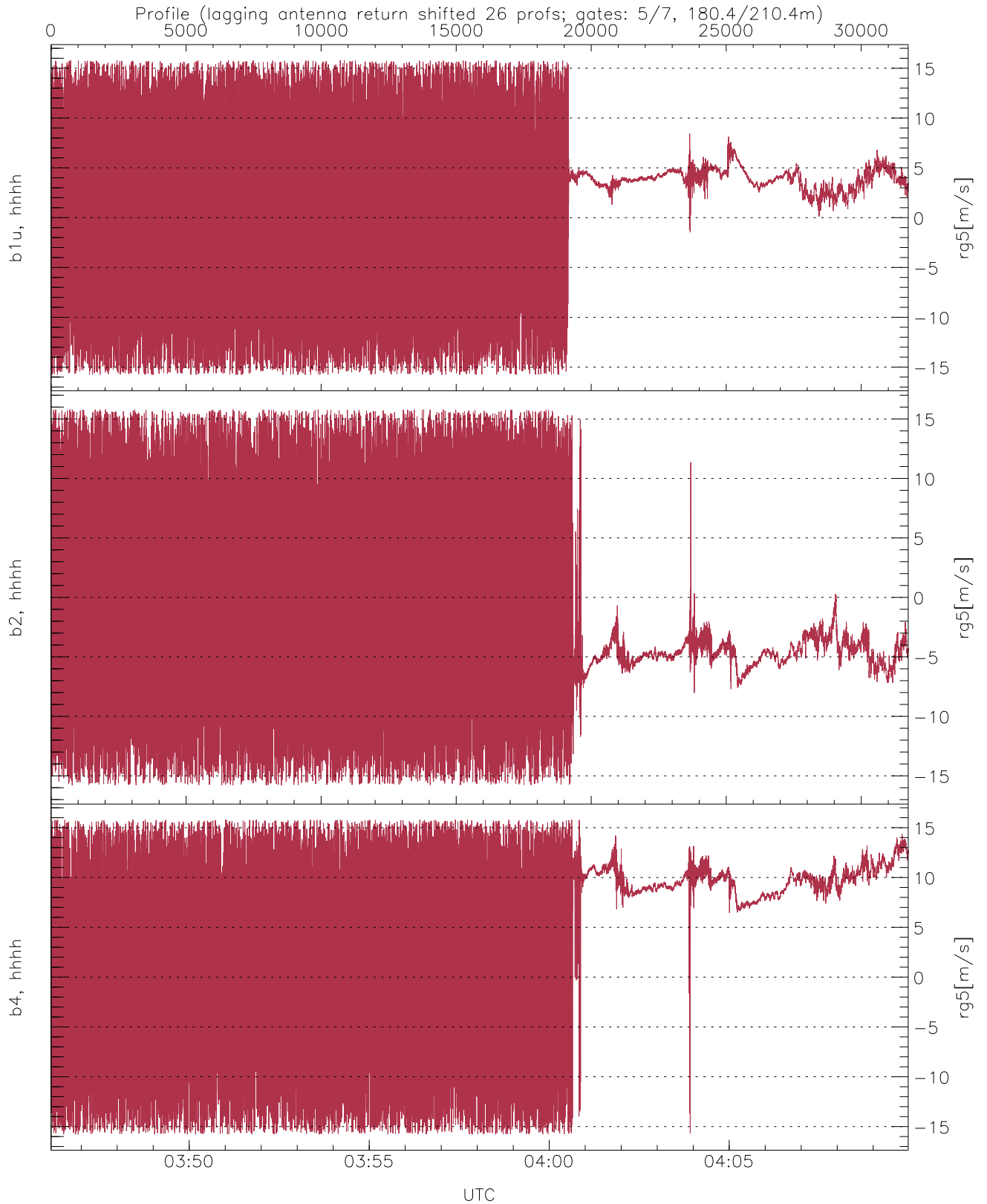
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.56	-8.02	-25.30
down(hh[dBm])	-66.06	-7.28	-24.99
down-fore(hh[dBm])	-66.05	-11.09	-28.63



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

	Min	Max	Mean
up/down (dB)	-30.55	24.66	0.01
down/down-fore (dB)	-15.99	23.50	1.73



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	1.59	7.00
b2, hhhh(rg5[m/s])	-15.79	15.79	-1.79	6.95
b4, hhhh(rg5[m/s])	-15.79	15.79	3.87	8.36