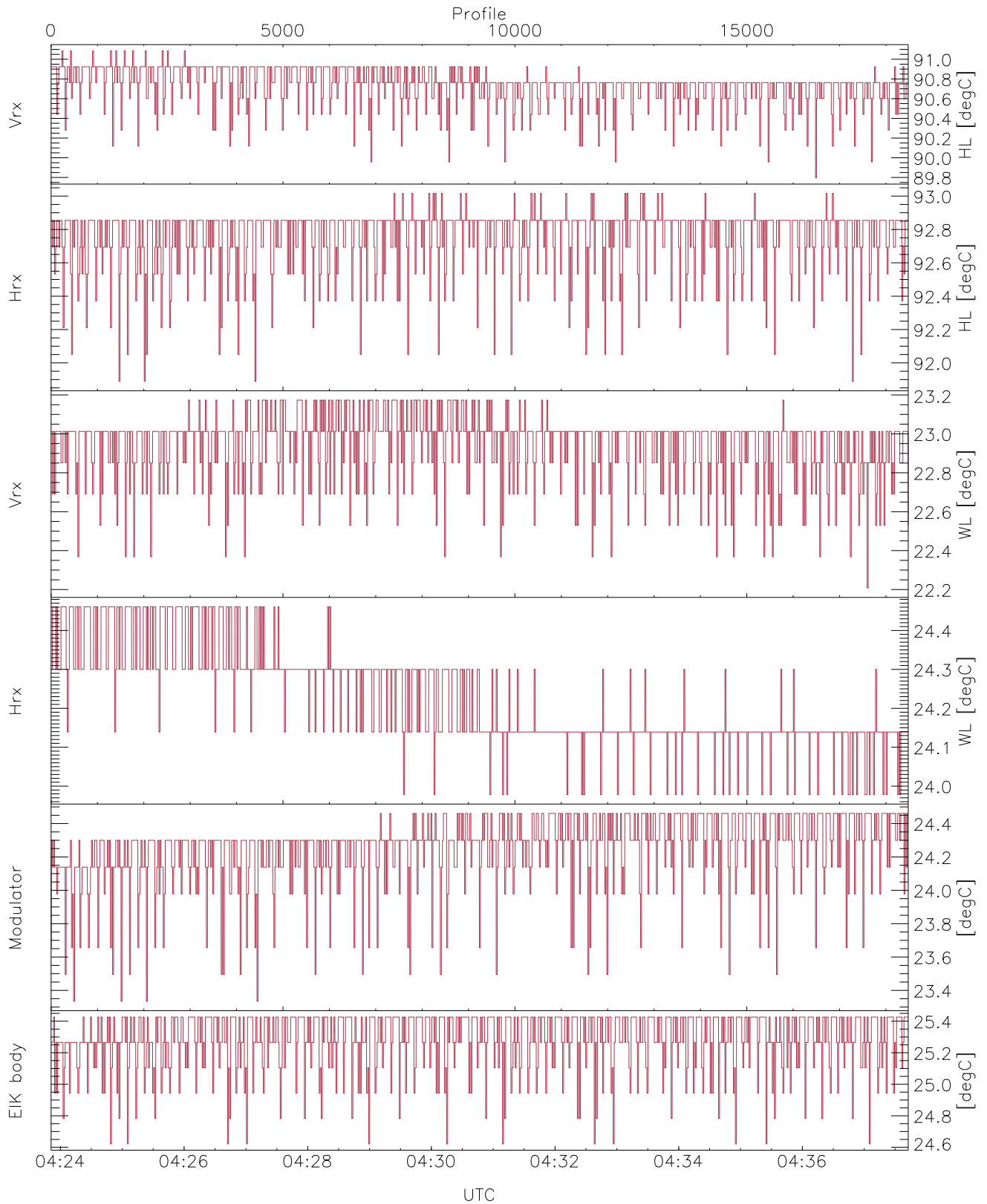


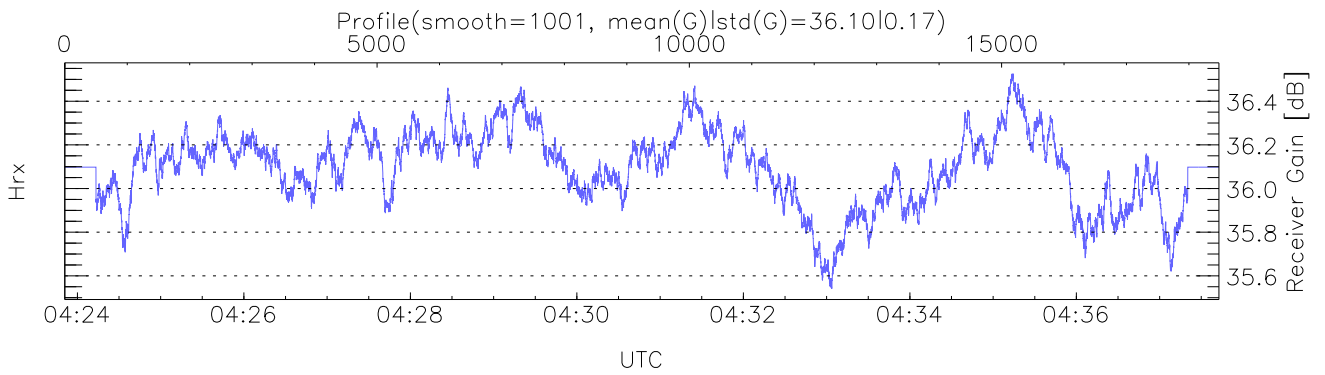
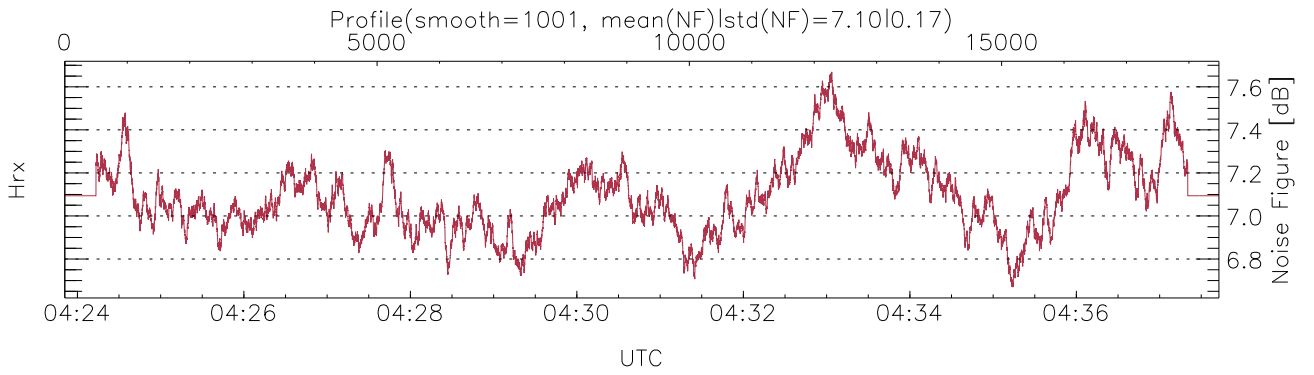
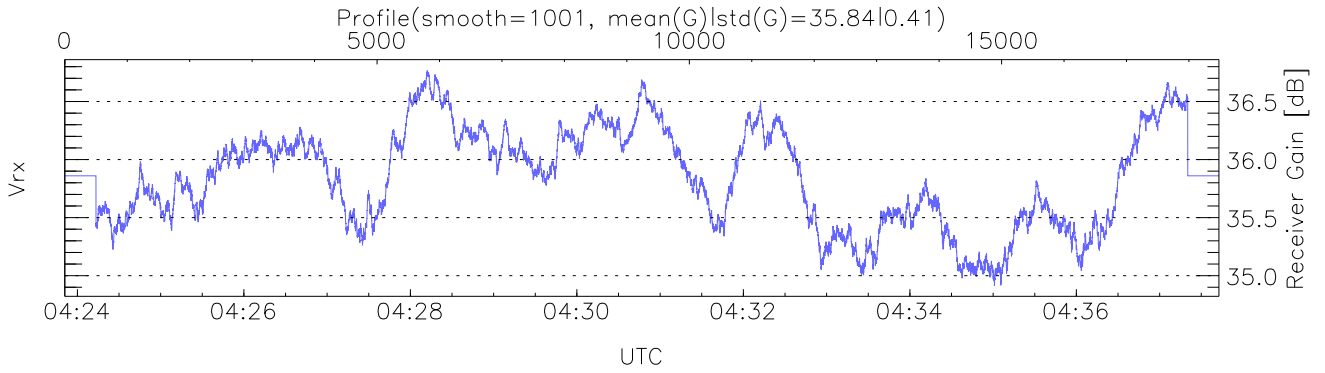
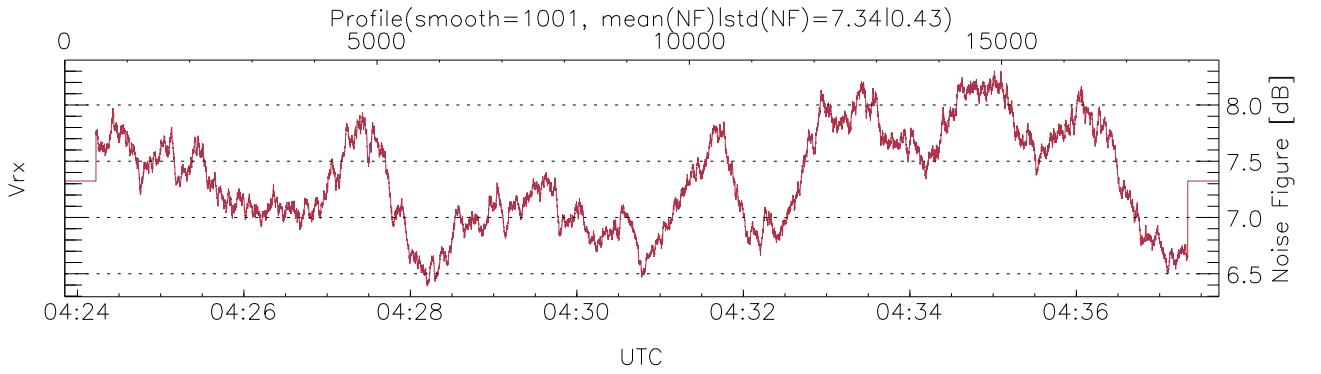
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:23:51-04:37:43, TimeCor: 0.00s, Dur: 831.85s  
 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): 18482/18482, 0-18481/04:23:51-04:37:43  
 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



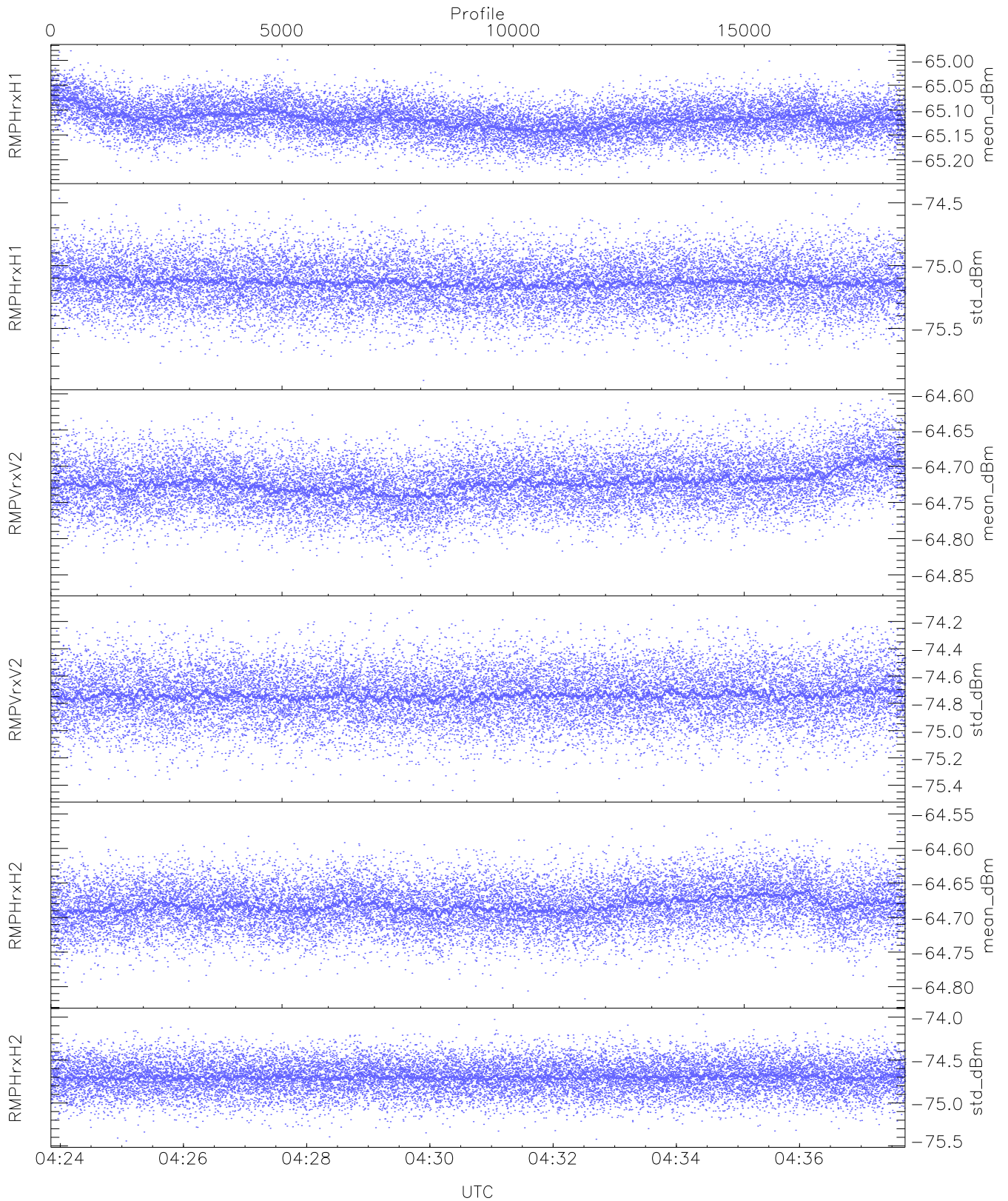
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,22,23,23,24`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,24,24,25`  
`LOalarm(20,240,2817,14861 MHz): 0,0,93,0`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)`



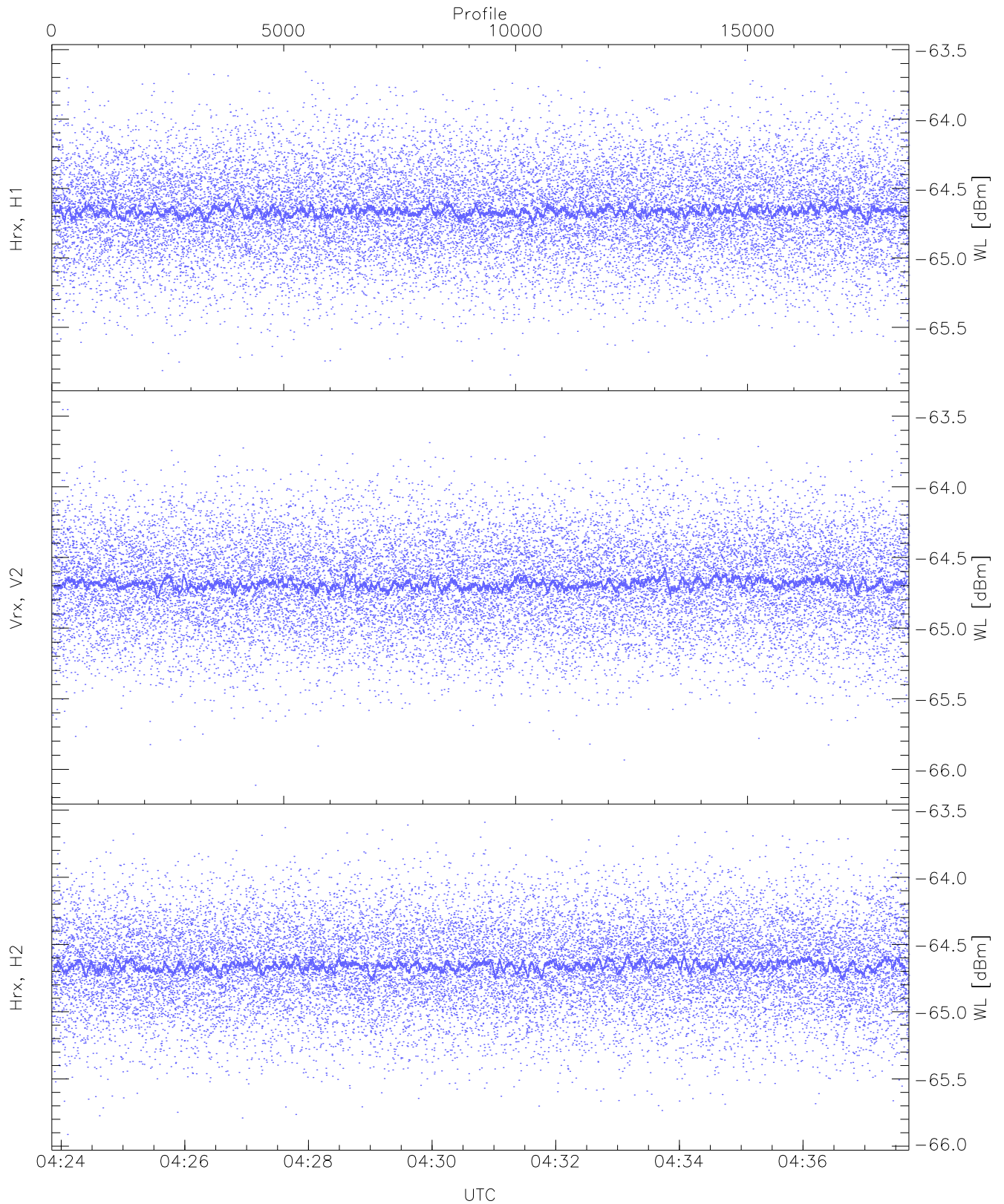
### WCR3 CPP Receivers Gain and Noise Figure

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



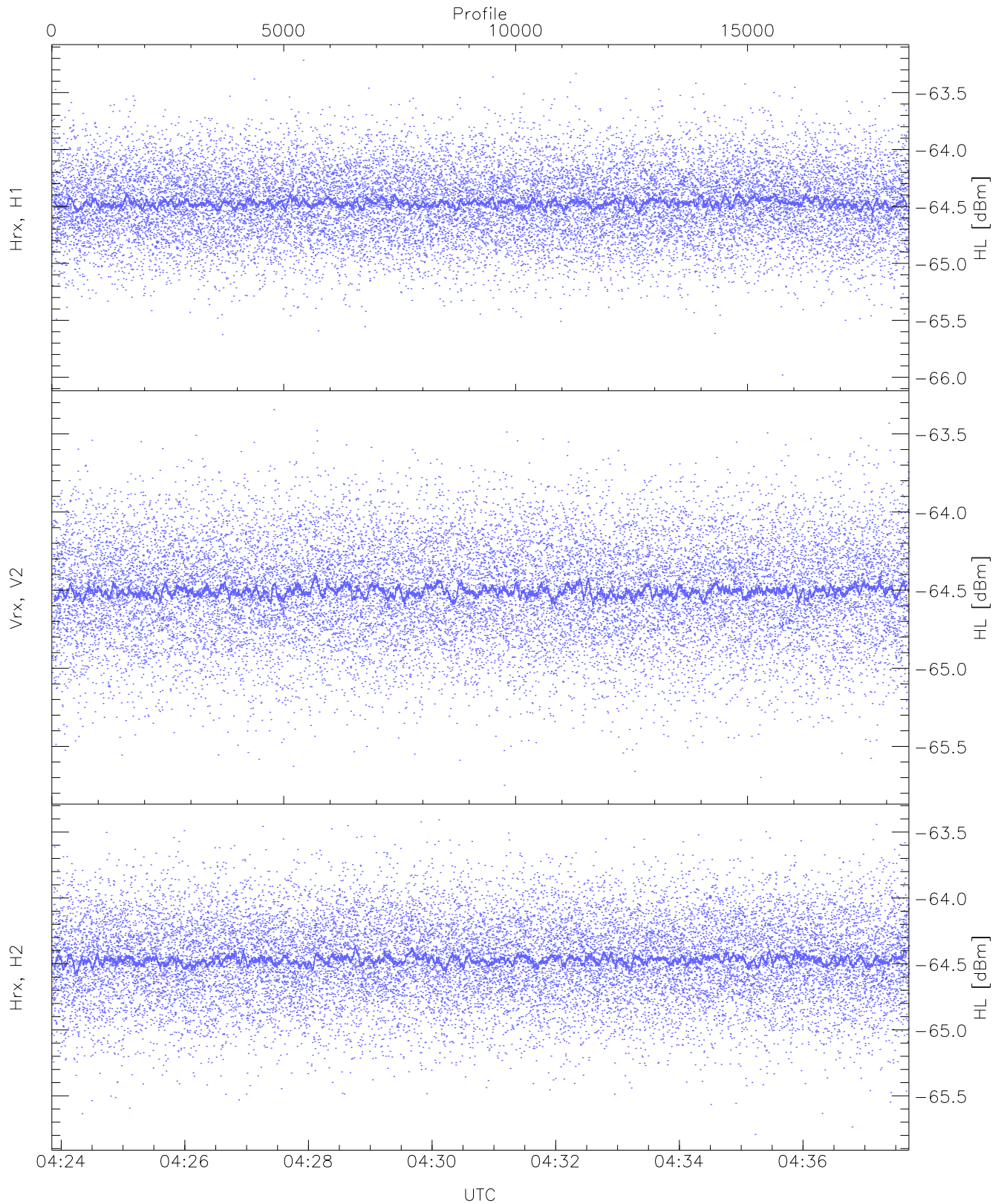
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.24	-64.98	-65.12	-65.12	-86.36
RMPHrxH1(std_dBm)	-75.91	-74.42	-75.13	-75.14	-88.97
RMPVrxV2(mean_dBm)	-64.87	-64.61	-64.72	-64.72	-86.08
RMPVrxV2(std_dBm)	-75.45	-74.08	-74.74	-74.74	-88.54
RMPHrxH2(mean_dBm)	-64.82	-64.55	-64.68	-64.68	-86.16
RMPHrxH2(std_dBm)	-75.44	-73.97	-74.70	-74.70	-88.52



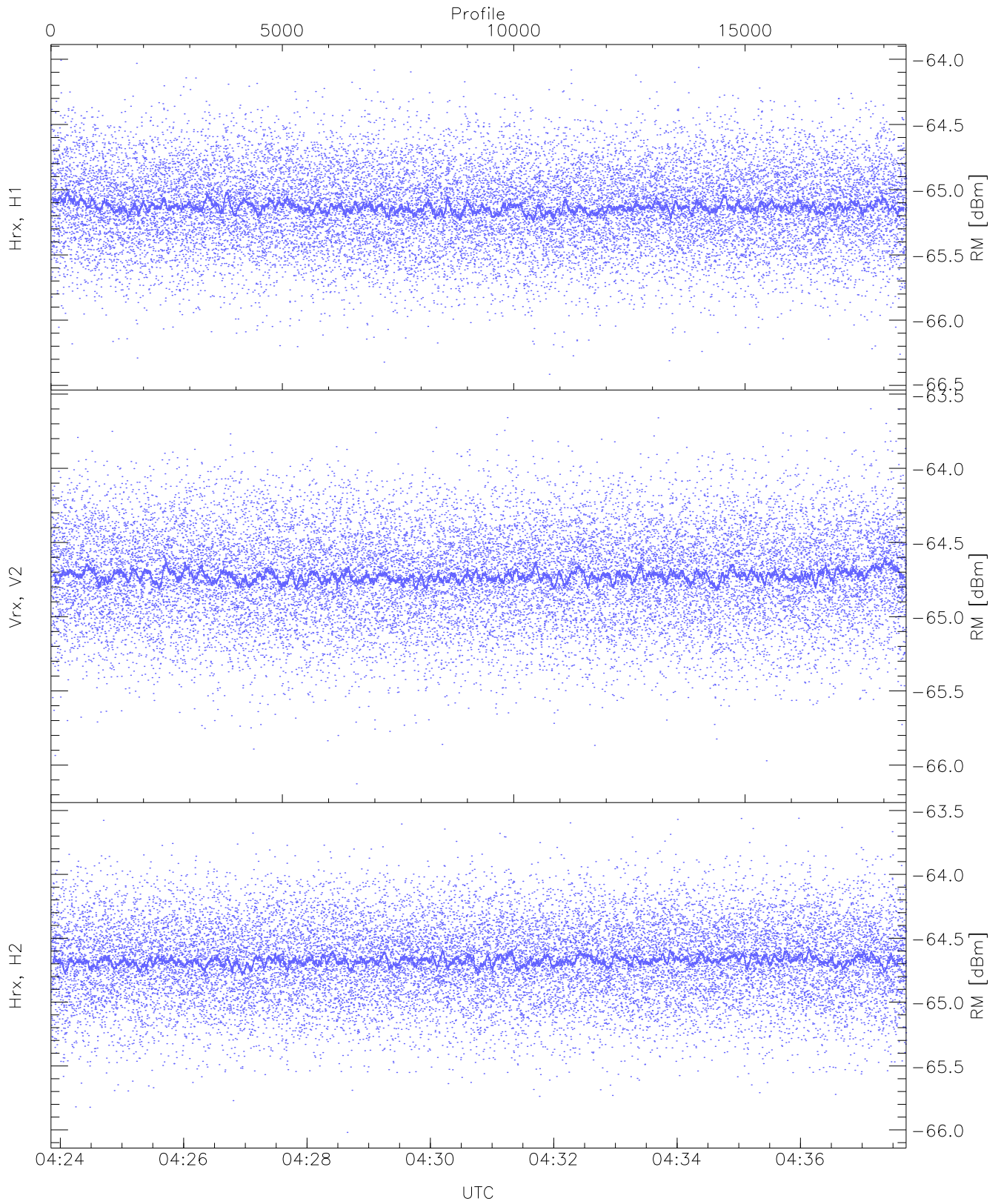
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.84	-63.58	-64.66	-64.66	-76.21
Vrx, V2 (WL [dBm])	-66.11	-63.45	-64.68	-64.69	-76.18
Hrx, H2 (WL [dBm])	-65.91	-63.57	-64.65	-64.66	-76.16



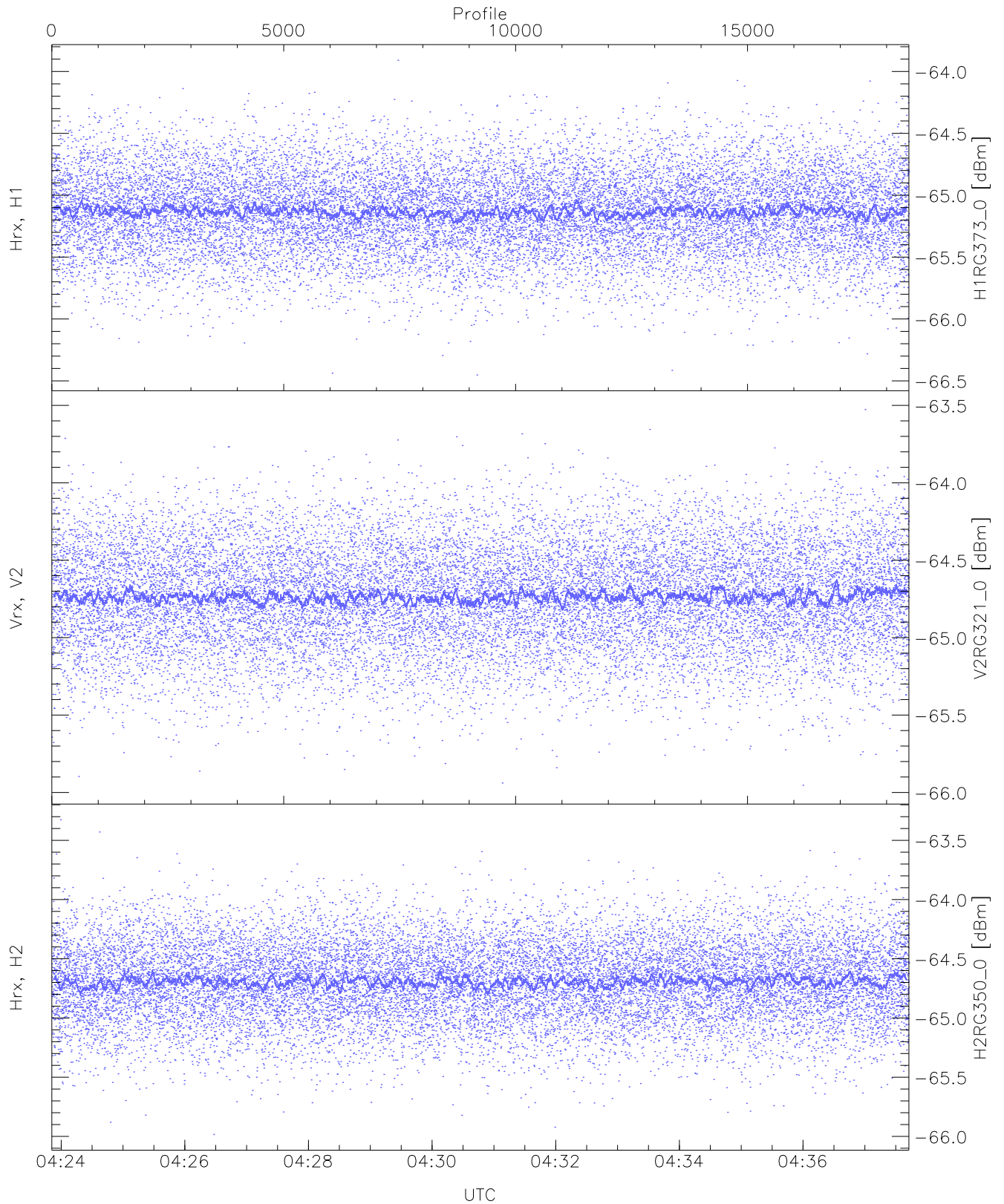
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.98	-63.22	-64.46	-64.47	-75.98
Vrx, V2 (HL [dBm])	-65.75	-63.34	-64.50	-64.51	-75.98
Hrx, H2 (HL [dBm])	-65.79	-63.41	-64.46	-64.47	-75.98



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

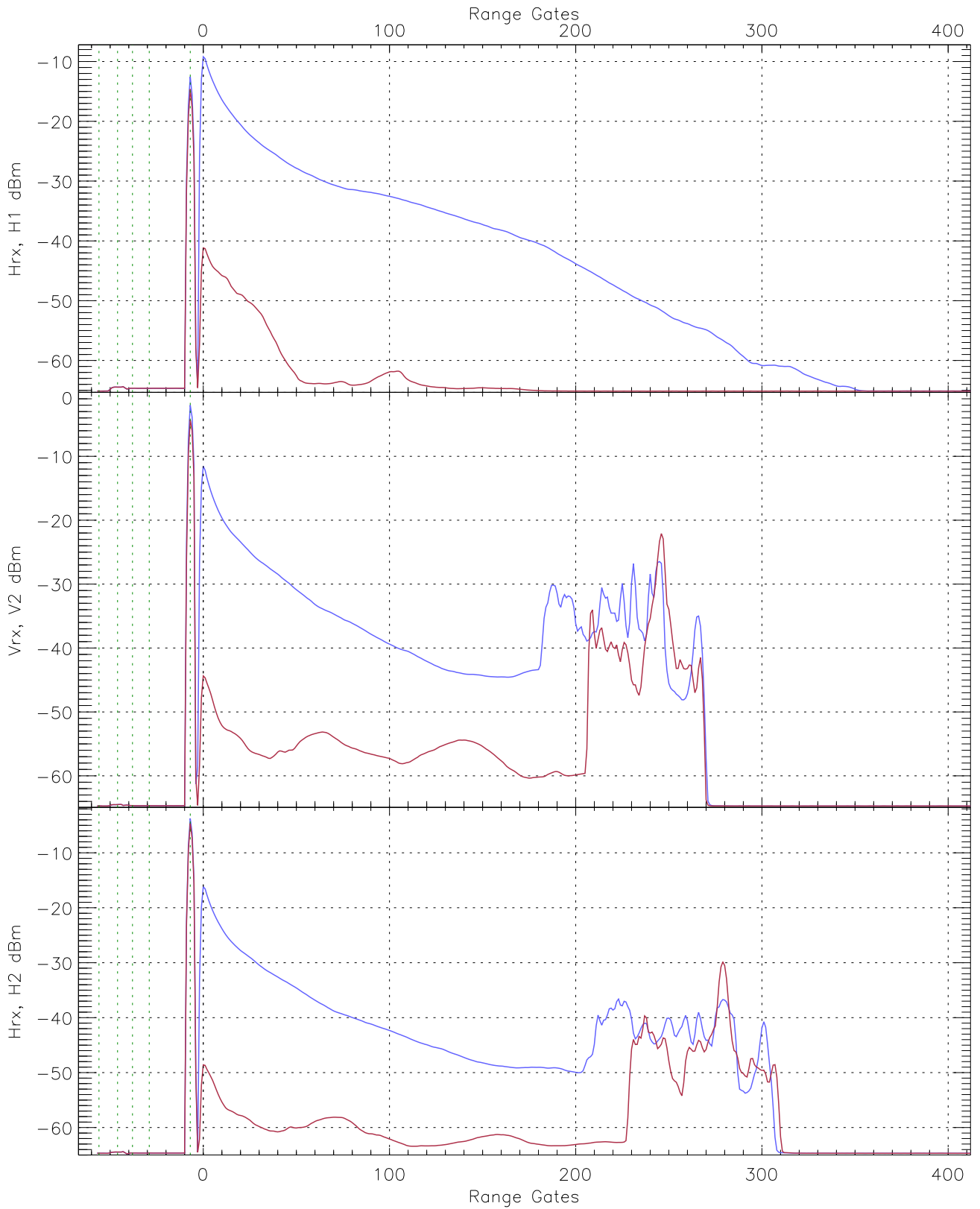
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.42	-64.01	-65.13	-65.13	-76.64
Vrx, V2 (RM [dBm])	-66.13	-63.60	-64.72	-64.72	-76.21
Hrx, H2 (RM [dBm])	-66.02	-63.56	-64.67	-64.67	-76.19



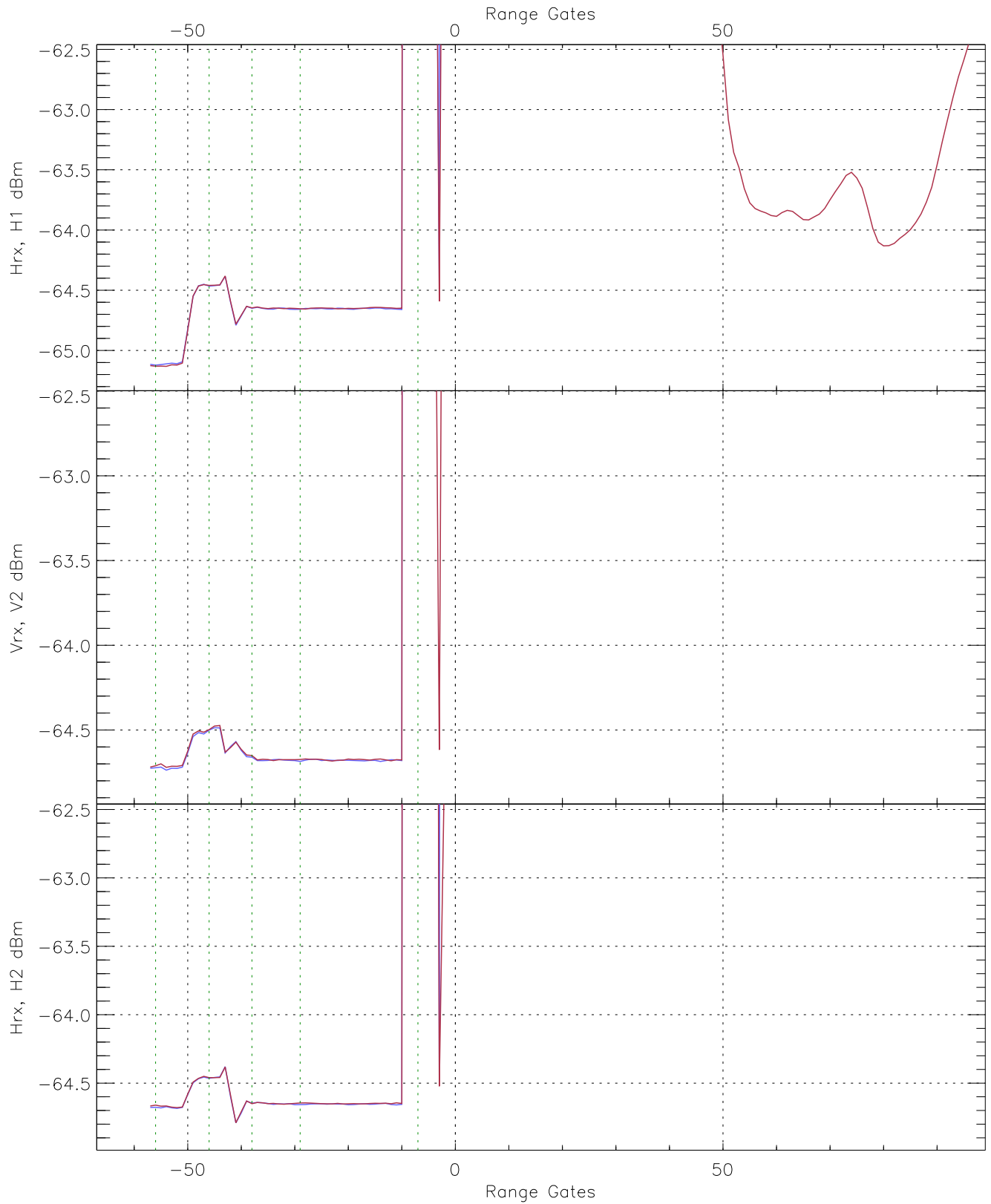
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG373_0 [dBm]	-66.45	-63.91	-65.13	-65.13	-76.61
V2RG321_0 [dBm]	-65.95	-63.53	-64.73	-64.73	-76.21
H2RG350_0 [dBm]	-65.98	-63.33	-64.69	-64.69	-76.15

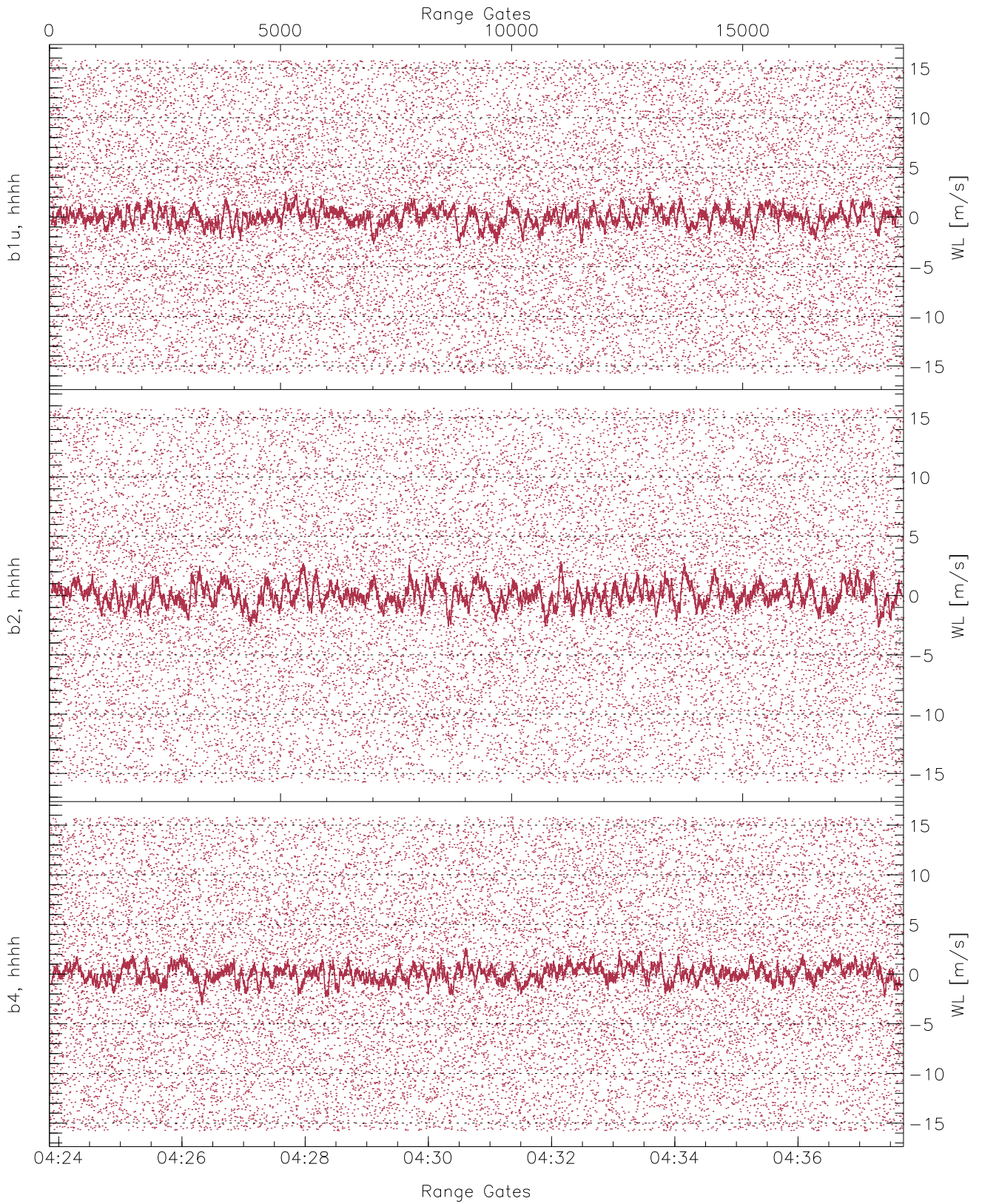




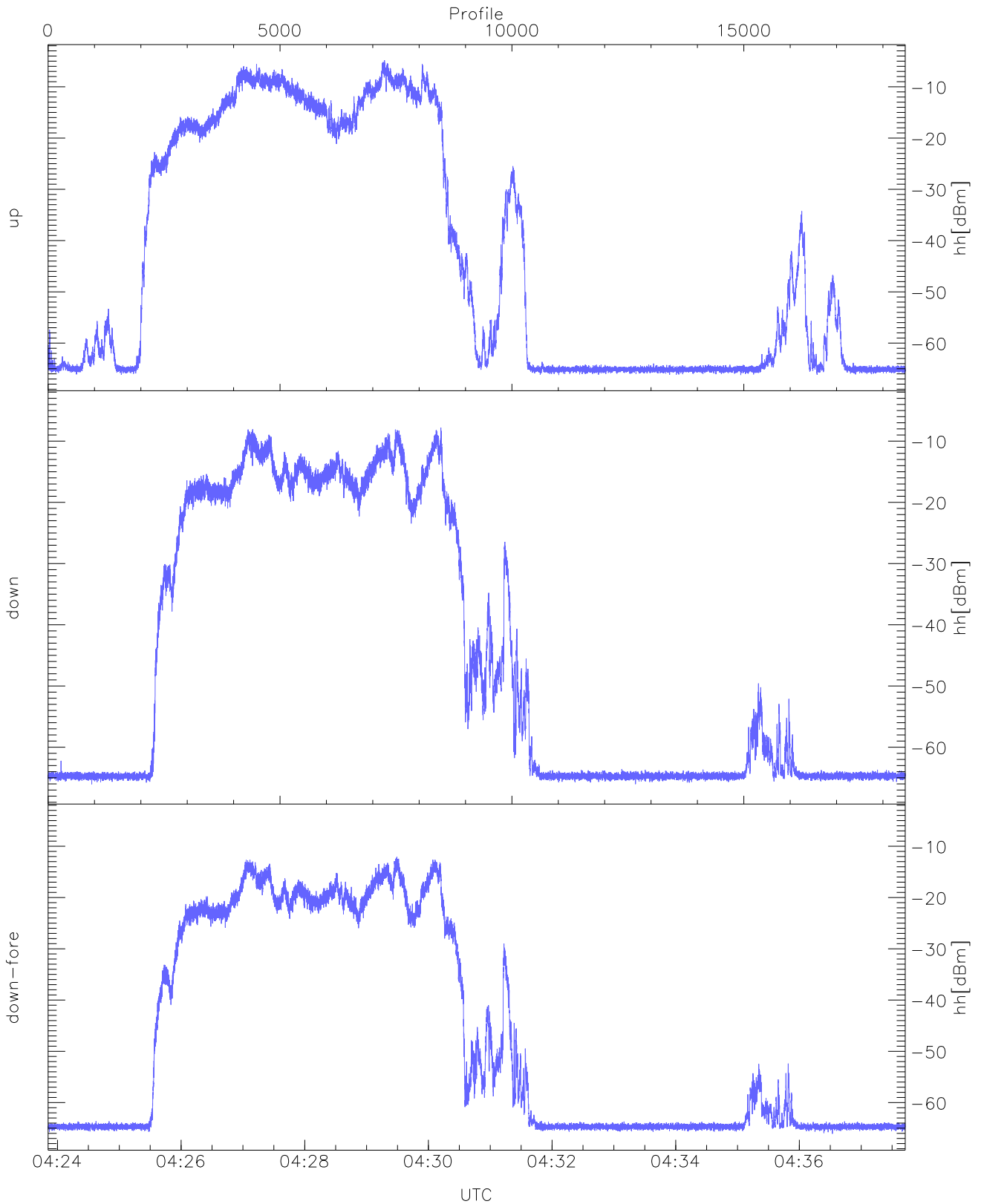
WCR3 CPP Averaged Received power for all recorded gates  
blue: 042351-043047, 9242 profiles averaged  
red: 043047-043743, 9241 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 042351-043047, 9242 profiles averaged  
red: 043047-043743, 9241 profiles averaged

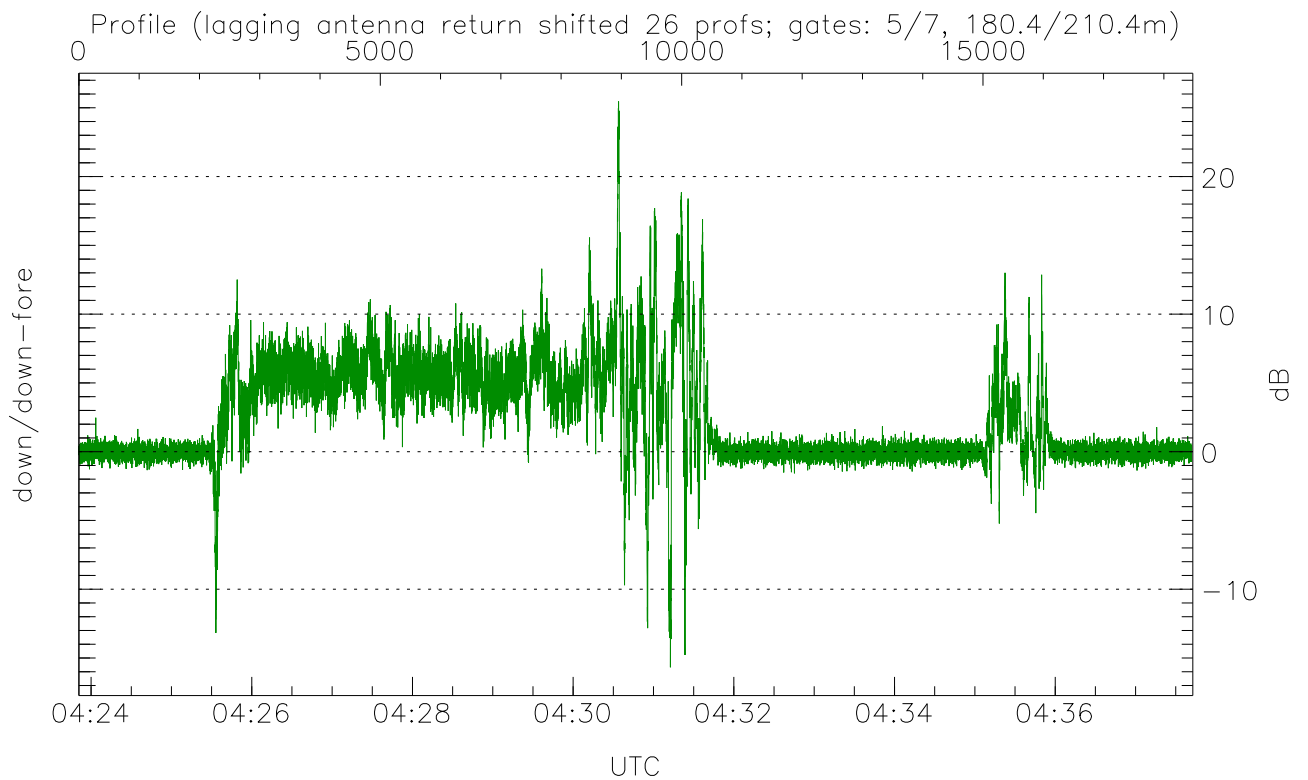
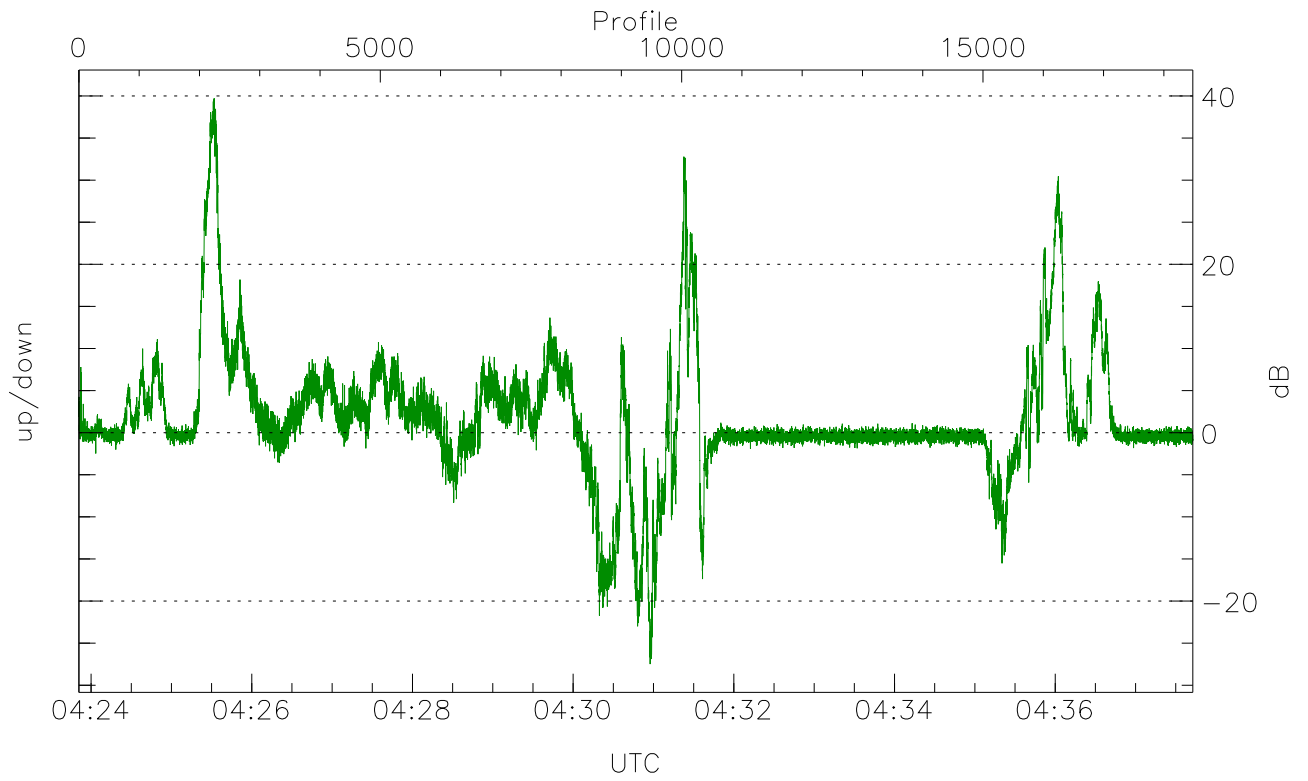


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



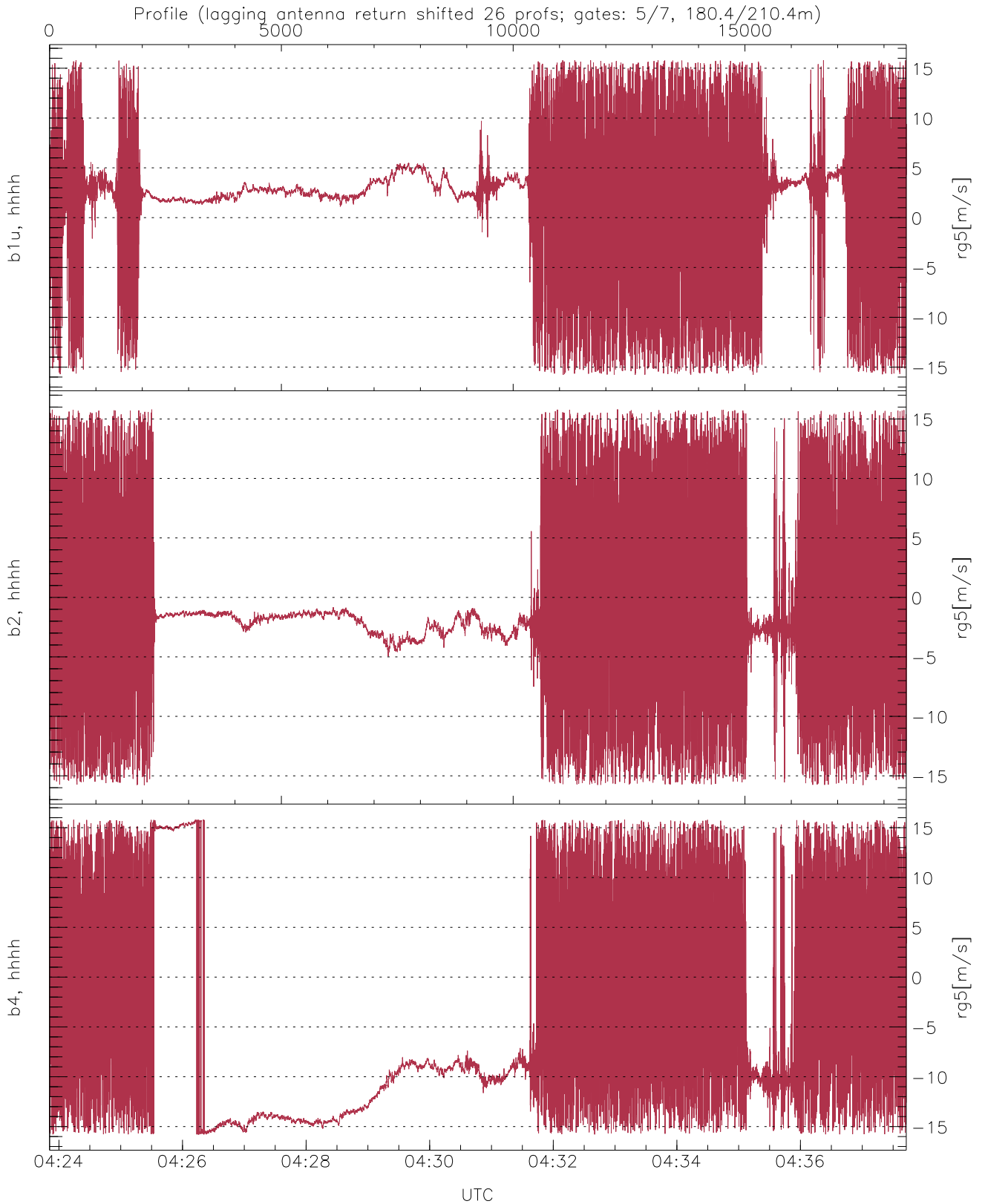
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.22	-4.83	-16.19
down(hh[dBm])	-66.05	-7.78	-19.27
down-fore(hh[dBm])	-66.08	-12.09	-23.46



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

	Min	Max	Mean
up/down (dB)	-27.49	39.72	1.74
down/down-fore (dB)	-15.67	25.46	2.52



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.86	5.60
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.14	6.16
b4, hhhh(rg5[m/s])	-15.79	15.79	-4.45	9.75