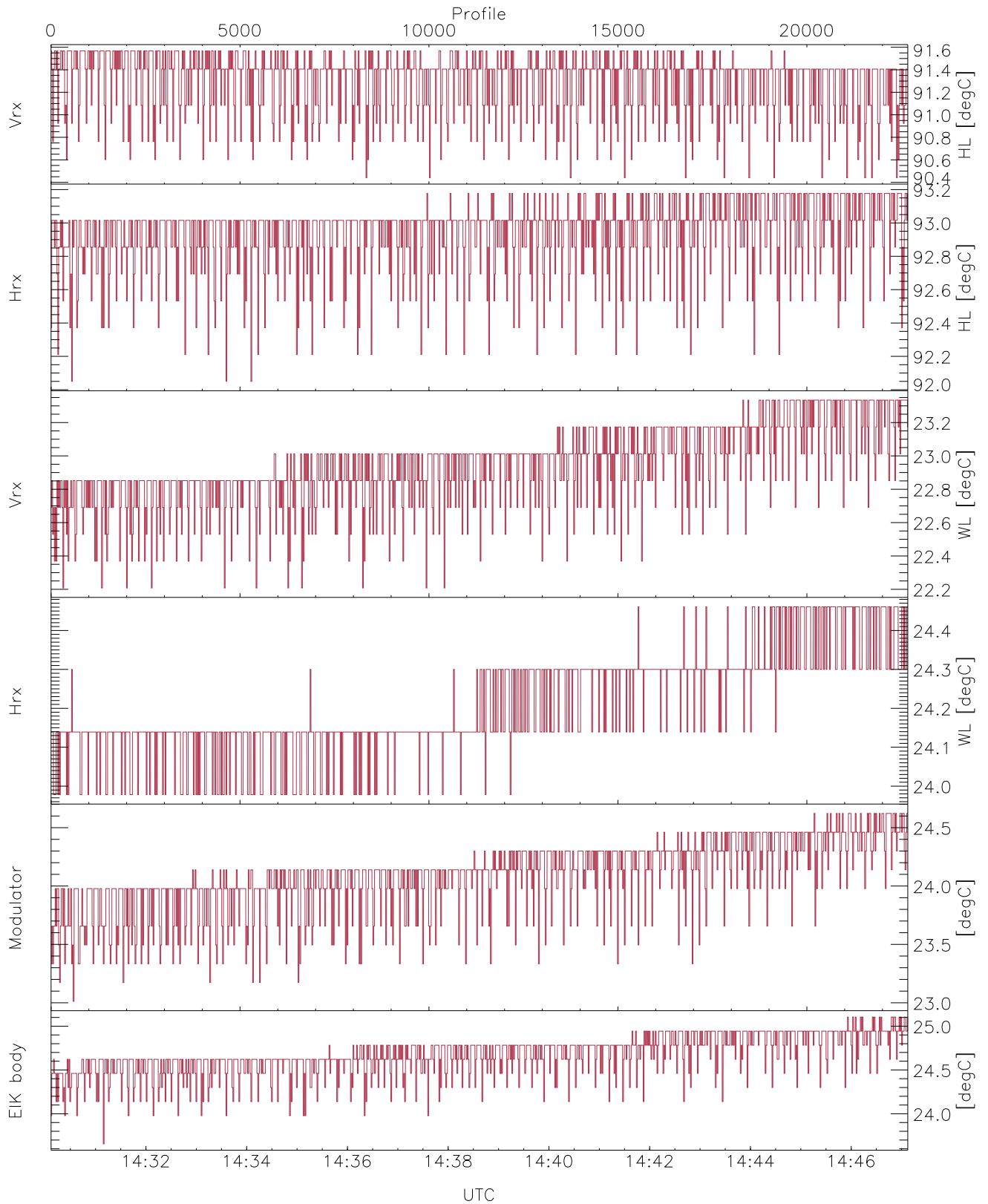


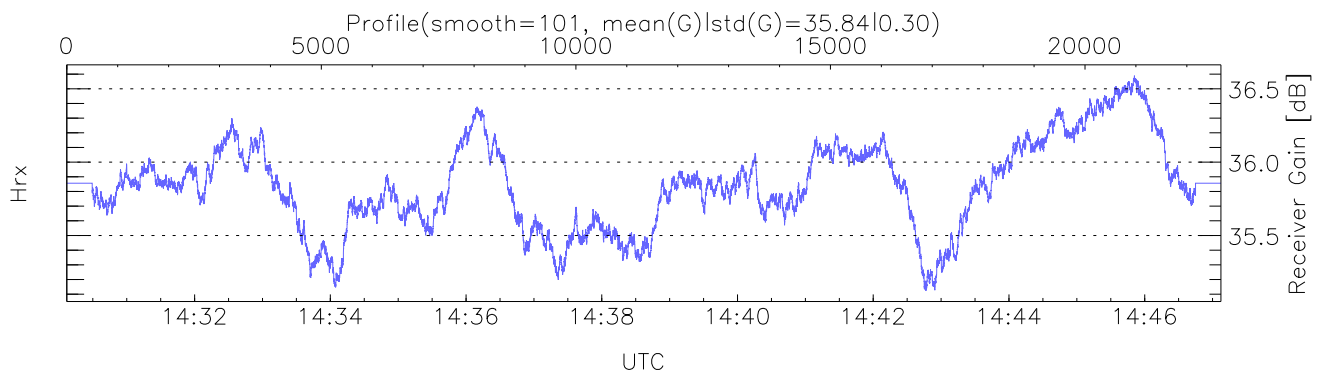
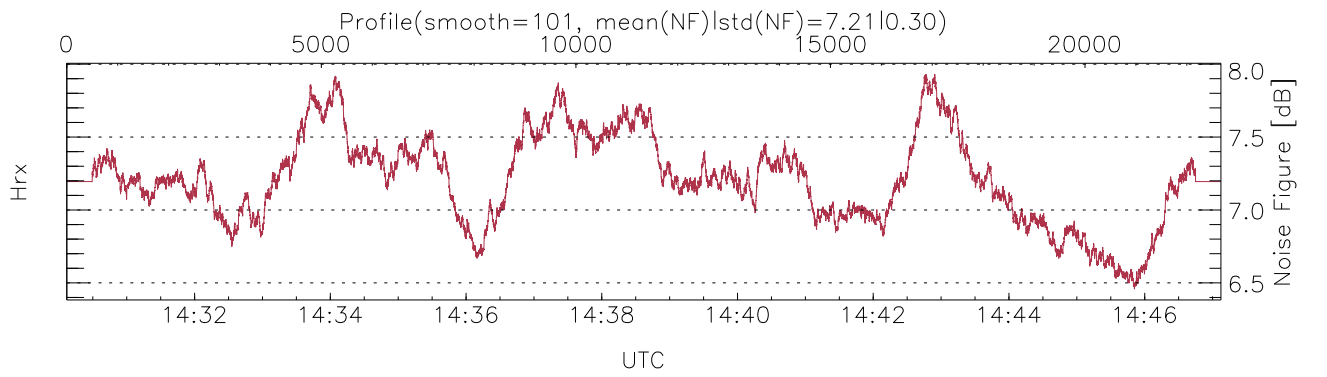
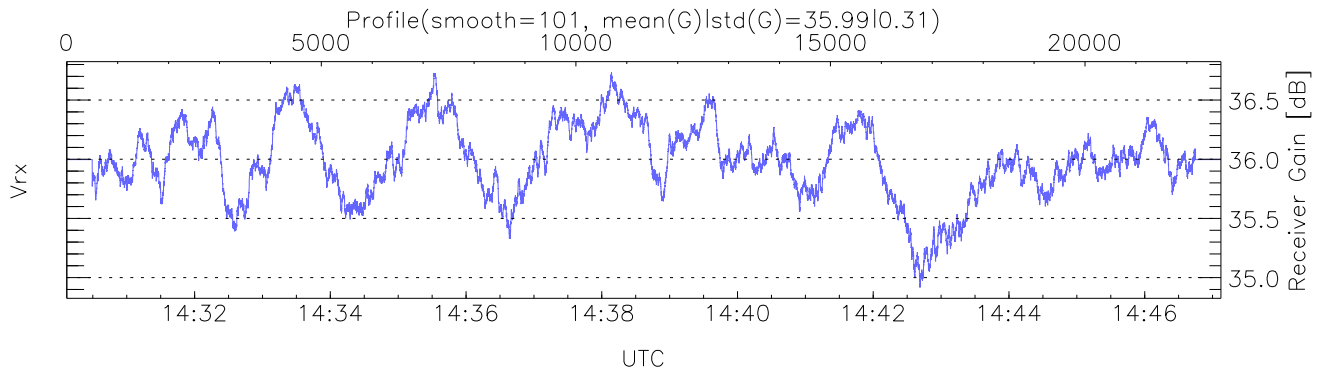
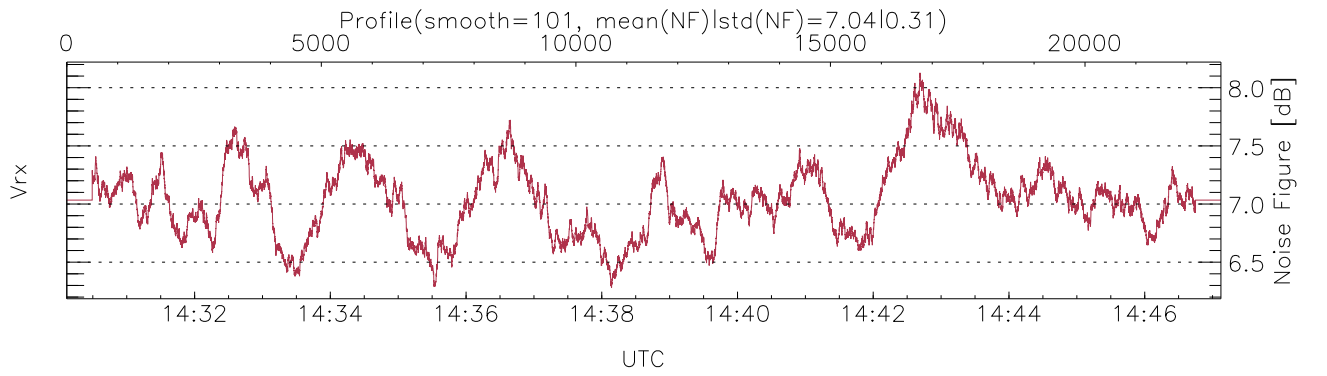
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:30:07-14:47:07, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/14:30:07-14:47:07
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



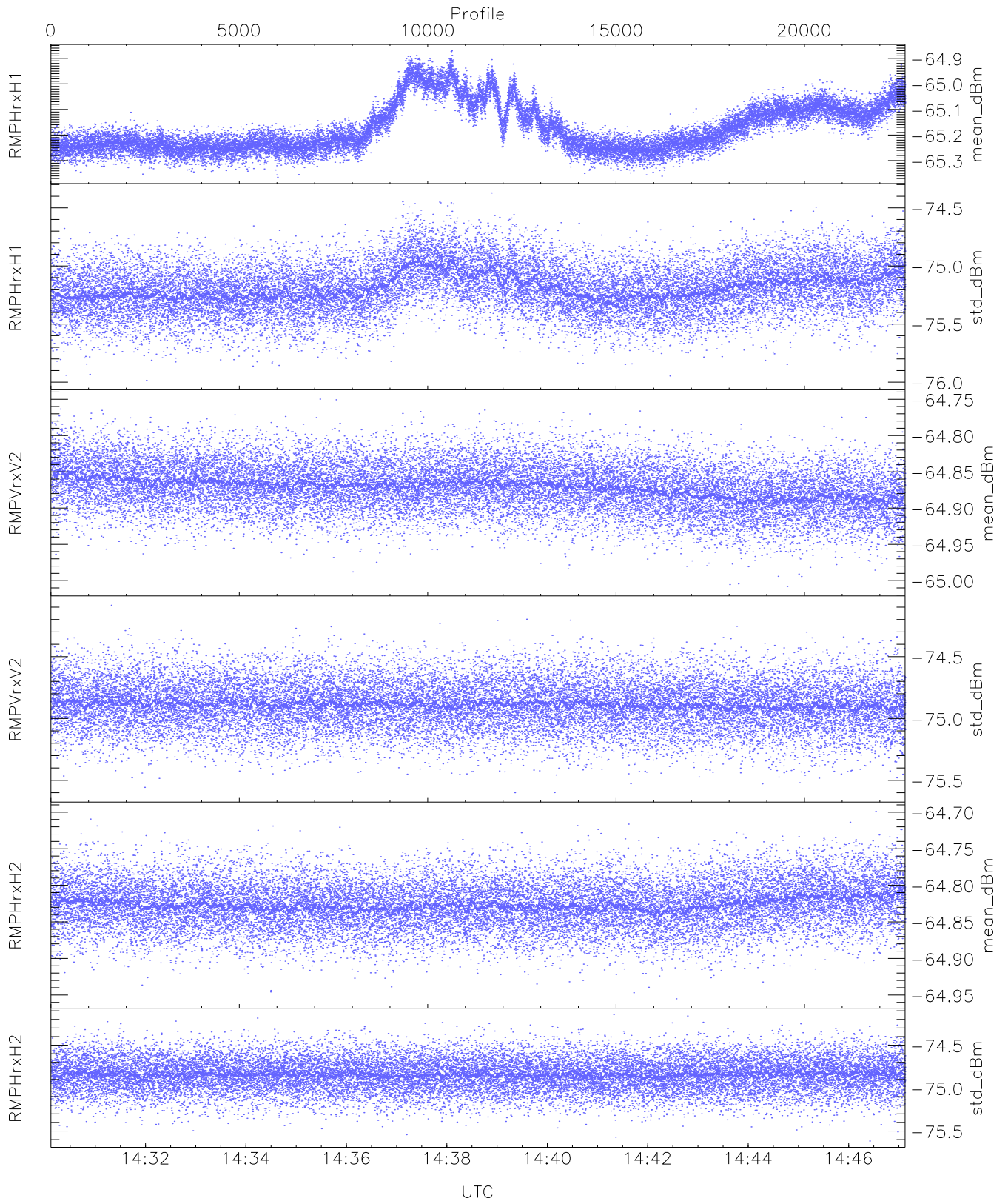
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,23,23,23`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,24,24,25`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



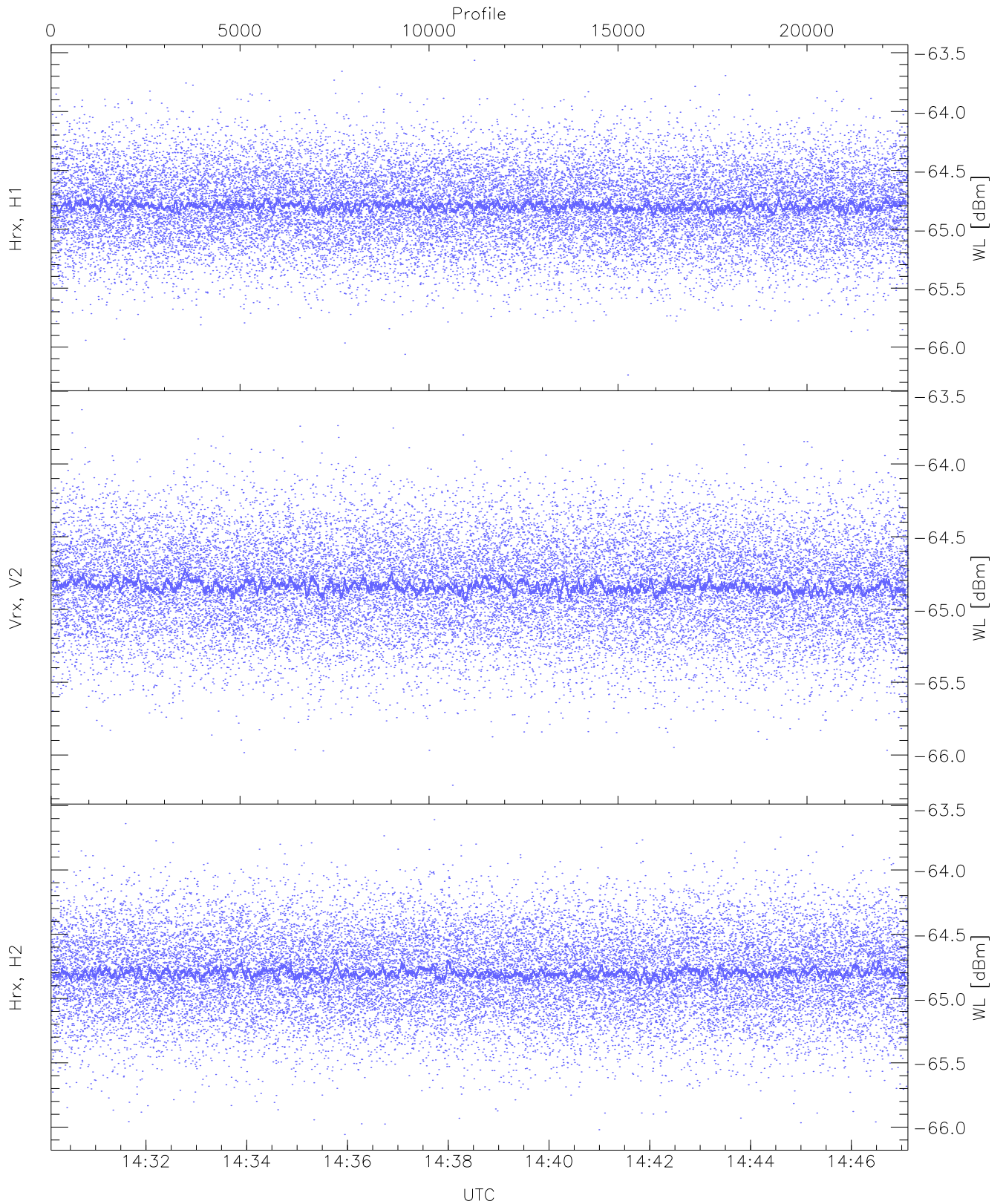
WCR3 CPP Receivers Gain and Noise Figure

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



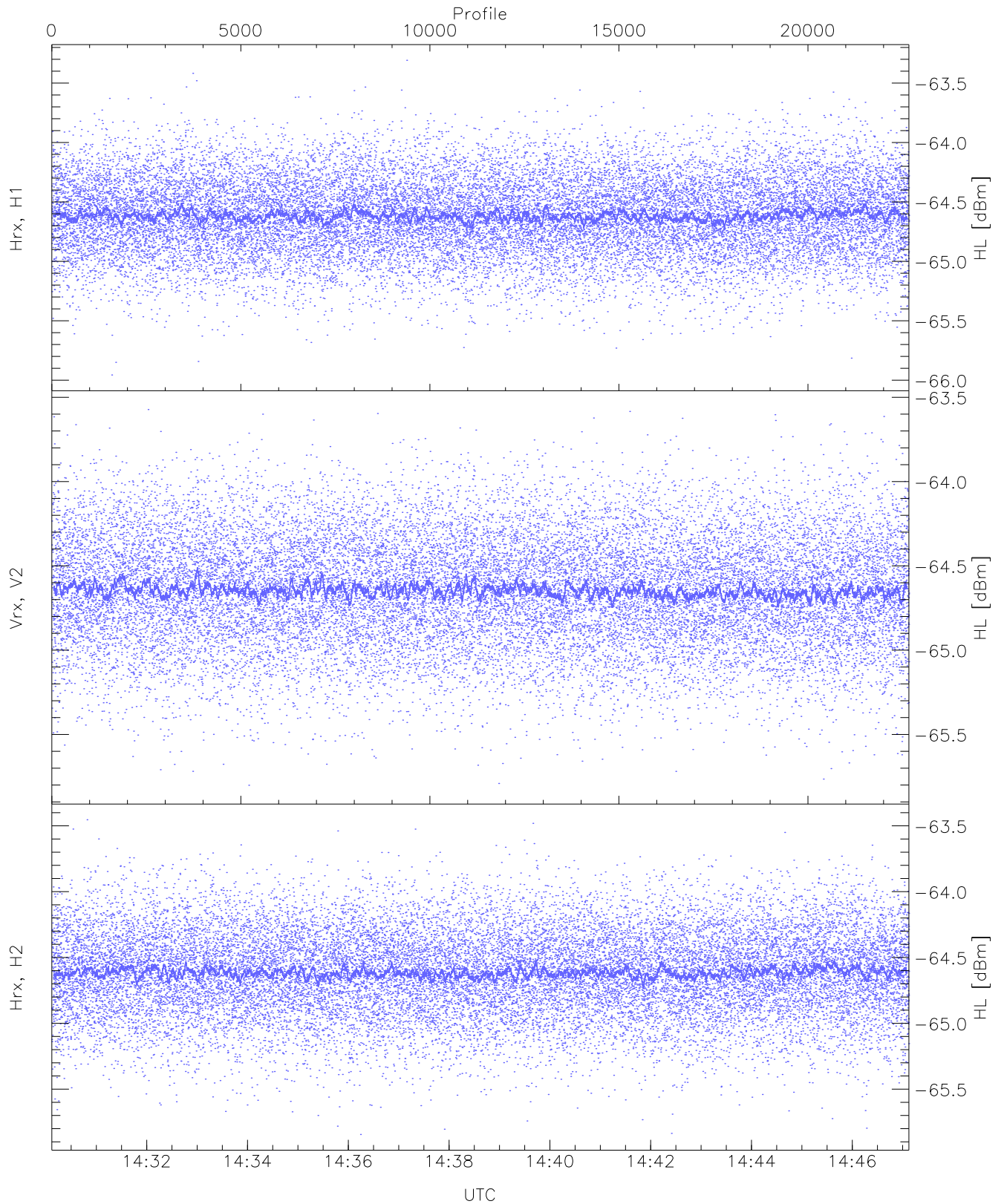
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.37	-64.87	-65.17	-65.20	-81.90
RMPHrxH1(std_dBm)	-75.98	-74.37	-75.19	-75.19	-88.50
RMPVrxV2(mean_dBm)	-65.01	-64.75	-64.87	-64.87	-86.25
RMPVrxV2(std_dBm)	-75.60	-74.08	-74.89	-74.89	-88.65
RMPHrxH2(mean_dBm)	-64.96	-64.70	-64.83	-64.83	-86.35
RMPHrxH2(std_dBm)	-75.62	-74.14	-74.84	-74.84	-88.65



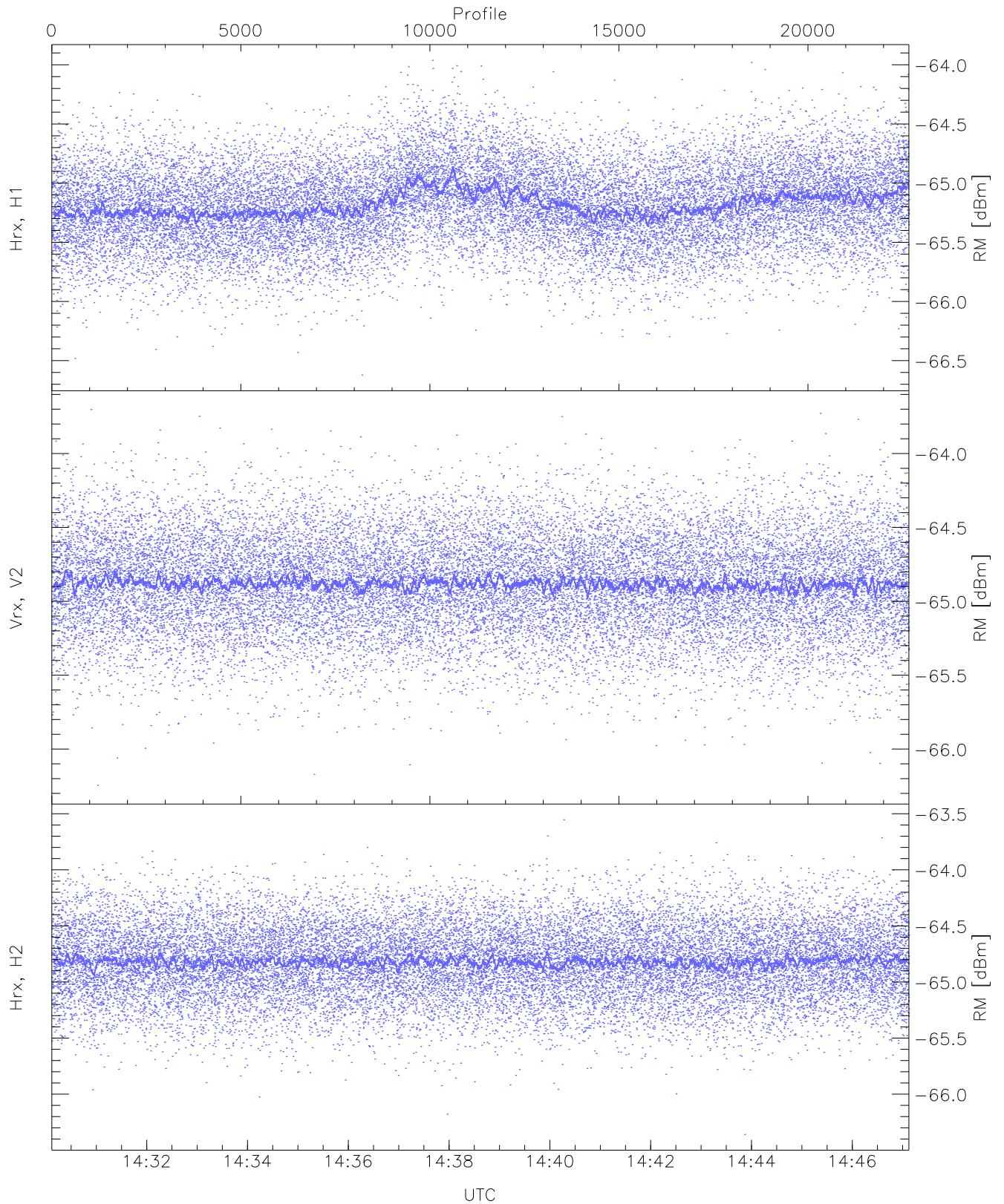
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.56	-64.80	-64.80	-76.30
Vrx, V2 (WL [dBm])	-66.21	-63.63	-64.83	-64.84	-76.35
Hrx, H2 (WL [dBm])	-66.06	-63.61	-64.79	-64.80	-76.29



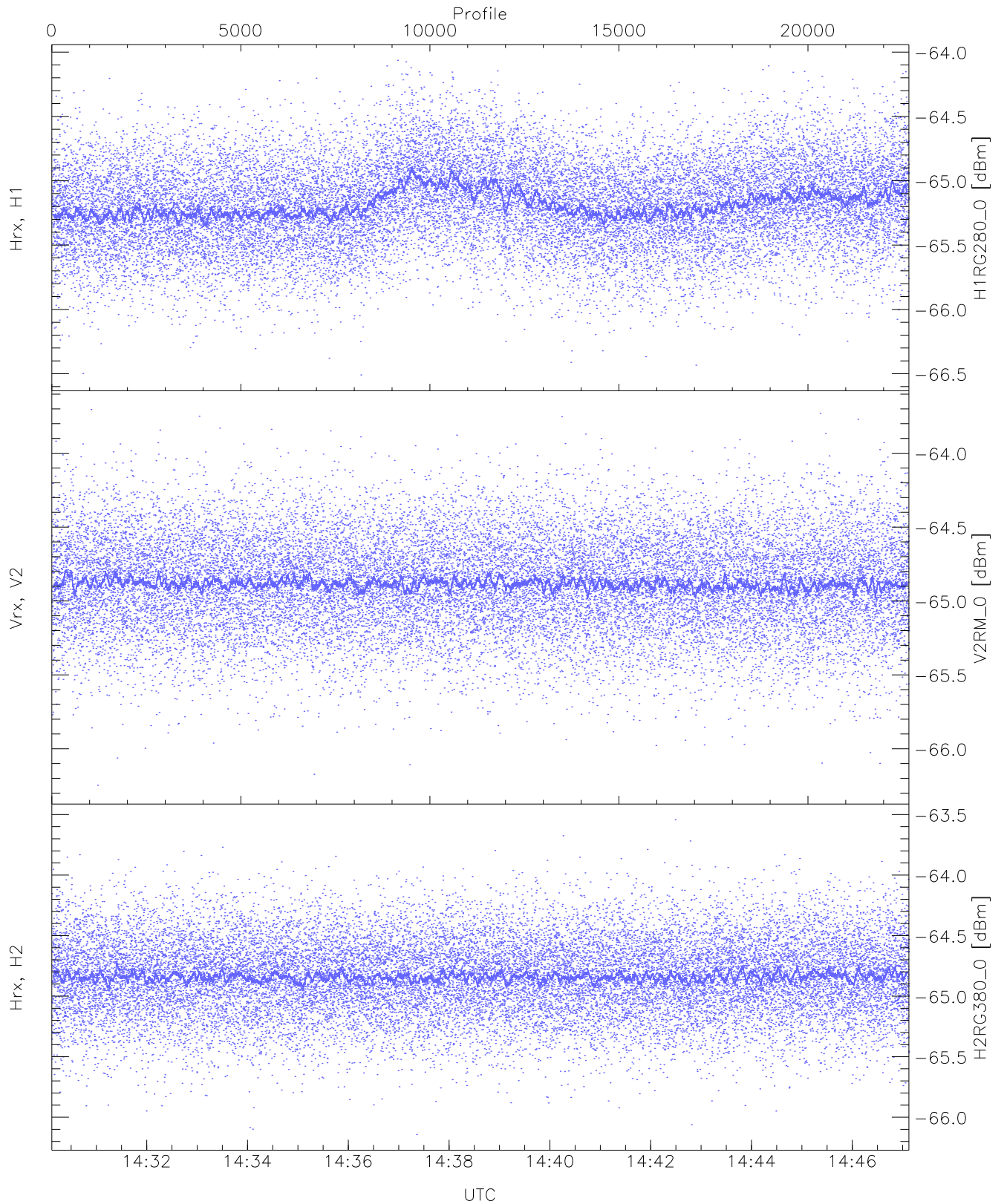
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.96	-63.31	-64.61	-64.62	-76.12
Vrx, V2 (HL [dBm])	-65.80	-63.57	-64.64	-64.65	-76.14
Hrx, H2 (HL [dBm])	-65.84	-63.45	-64.61	-64.61	-76.12



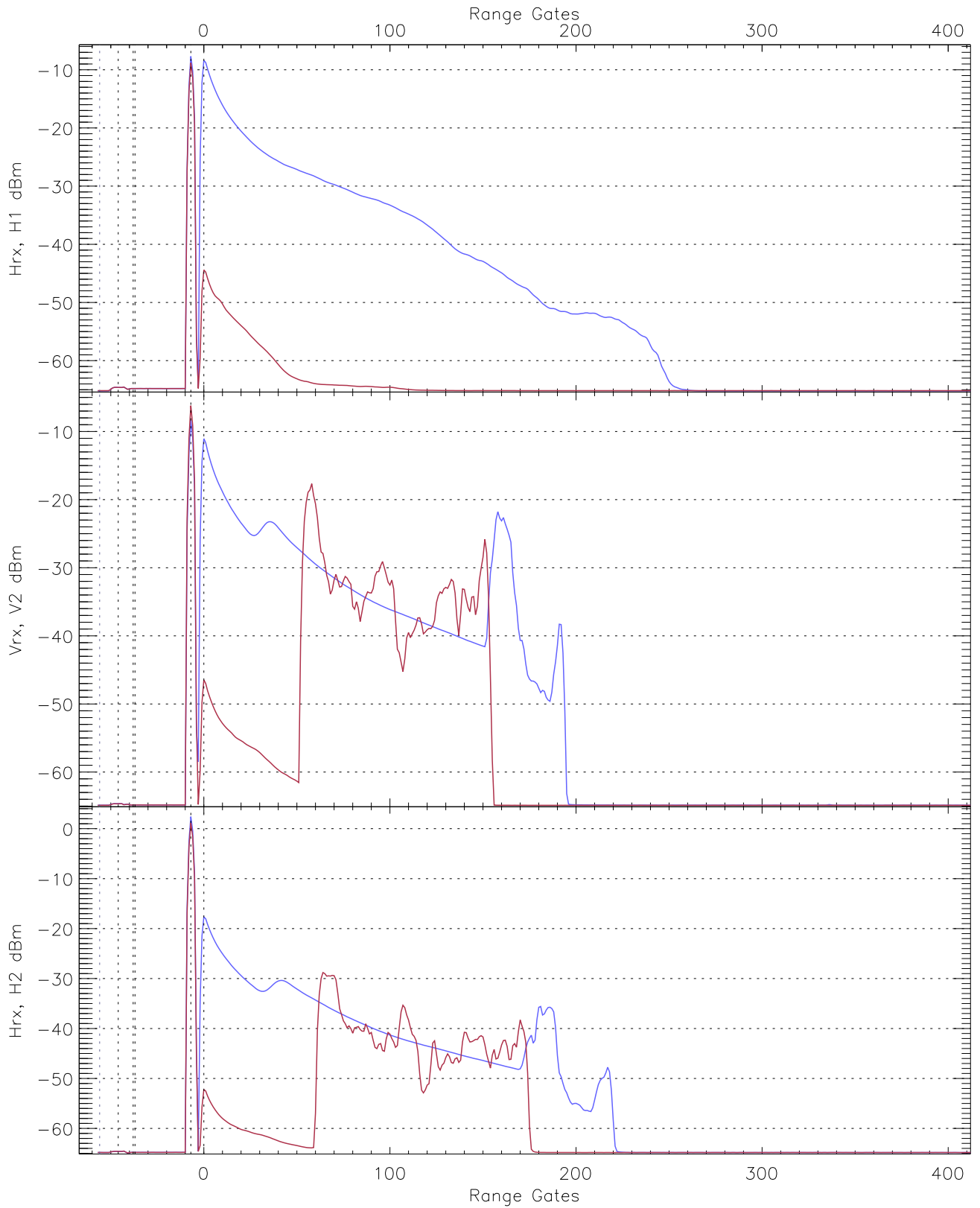
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.62	-63.96	-65.18	-65.18	-76.50
Vrx, V2 (RM [dBm])	-66.24	-63.70	-64.87	-64.88	-76.40
Hrx, H2 (RM [dBm])	-66.36	-63.55	-64.81	-64.82	-76.30

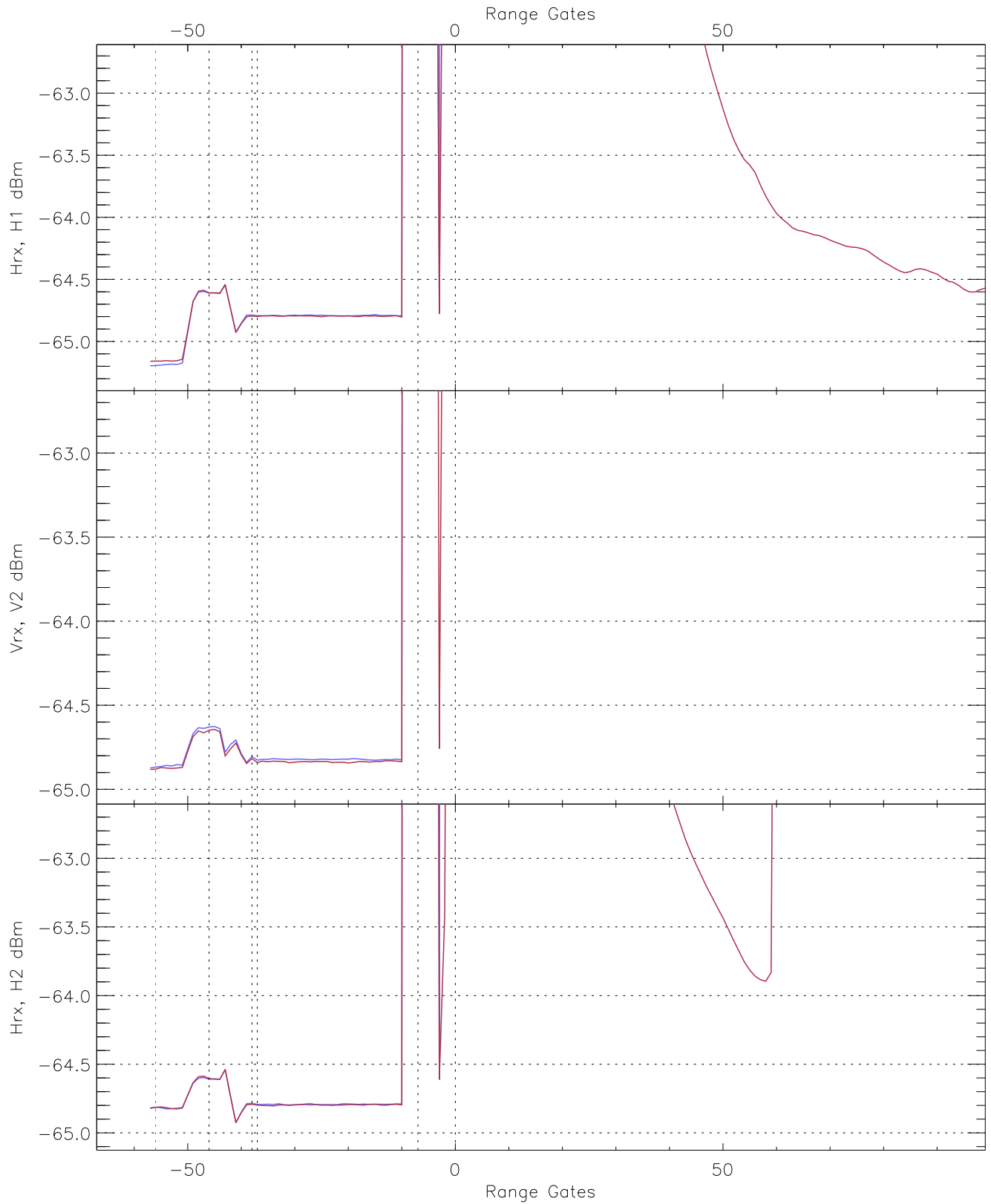


WCR3 CPP "Best" estimate Receivers Noise Power

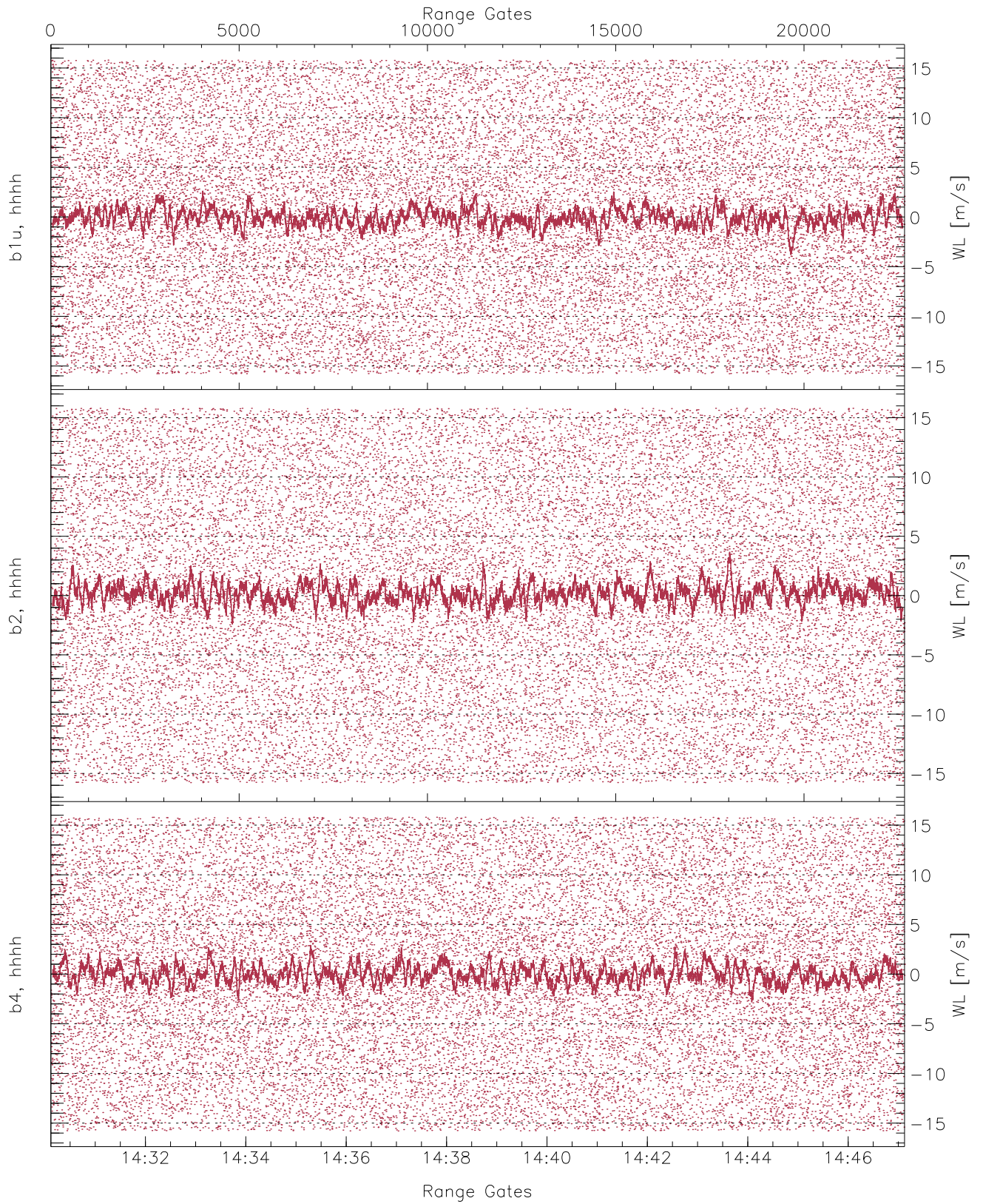
	Min	Max	Mean	Median	StDev
H1RG280_0 [dBm]	-66.51	-64.06	-65.18	-65.19	-76.50
V2RM_0 [dBm]	-66.25	-63.70	-64.88	-64.88	-76.41
H2RG380_0 [dBm]	-66.14	-63.54	-64.83	-64.84	-76.34



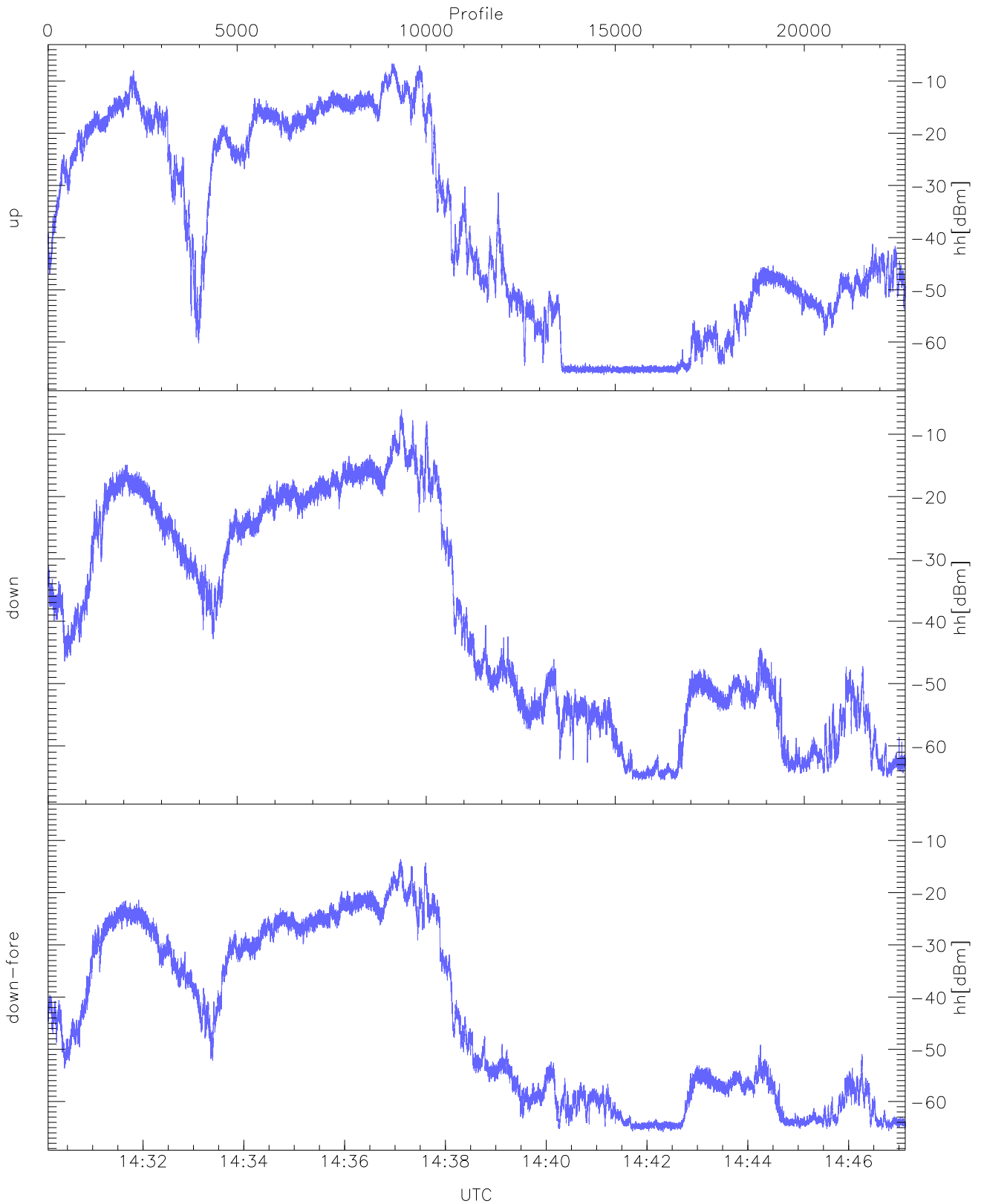
WCR3 CPP Averaged Received power for all recorded gates
blue: 143007-143837, 11337 profiles averaged
red: 143837-144707, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 143007-143837, 11337 profiles averaged
red: 143837-144707, 11336 profiles averaged

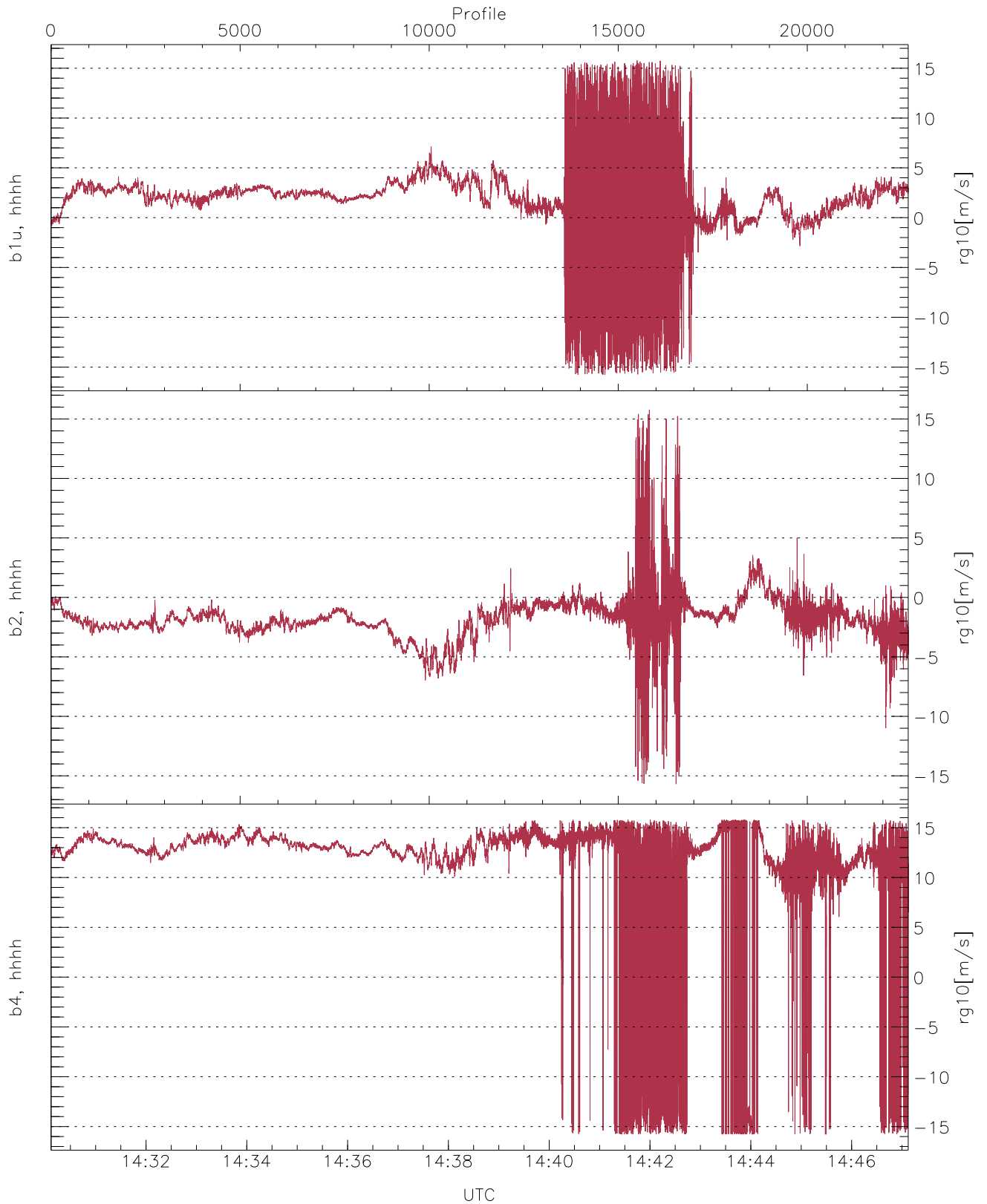


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 10 (255.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.31	-6.67	-19.09
down(hh[dBm])	-65.53	-6.04	-21.85
down-fore(hh[dBm])	-65.85	-13.60	-28.05



WCR3 CPP Doppler Velocity Products at 255.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg10[m/s])	-15.76	15.77	1.78	3.48
b2, hhhh(rg10[m/s])	-15.69	15.77	-1.80	1.81
b4, hhhh(rg10[m/s])	-15.79	15.79	11.50	6.10