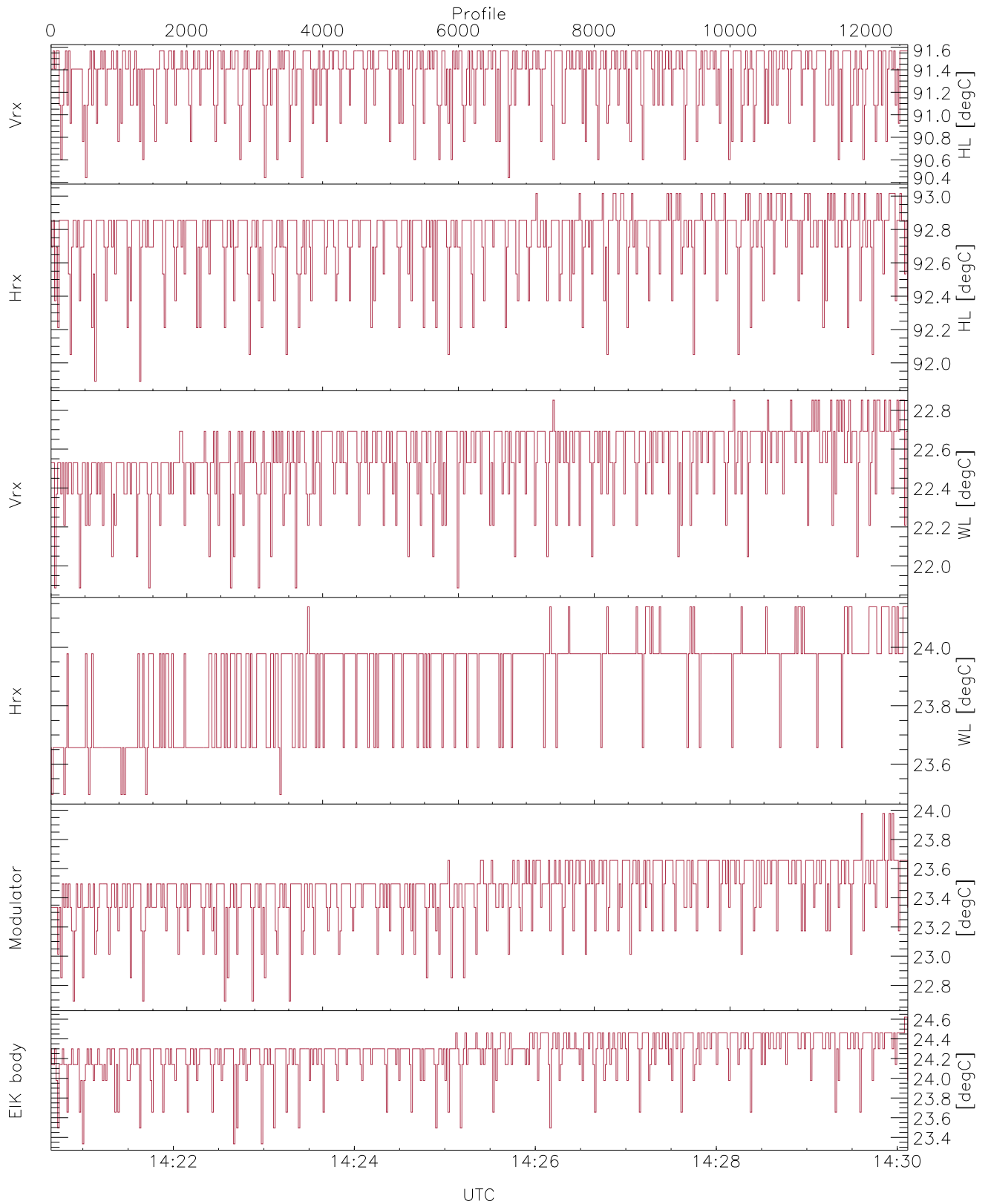


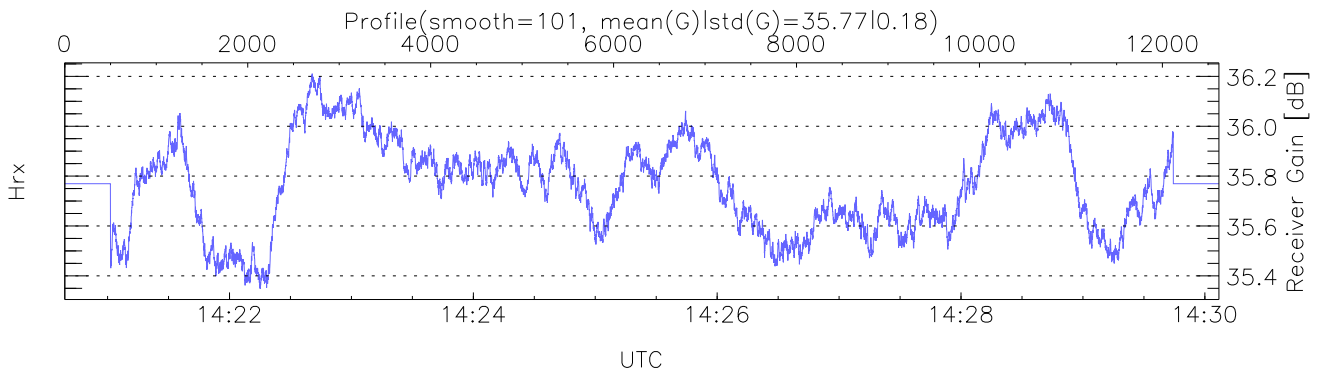
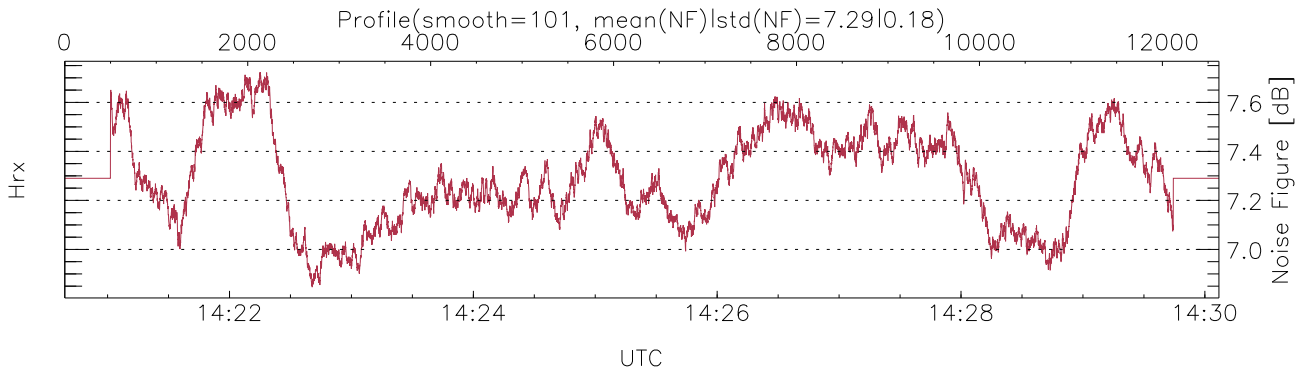
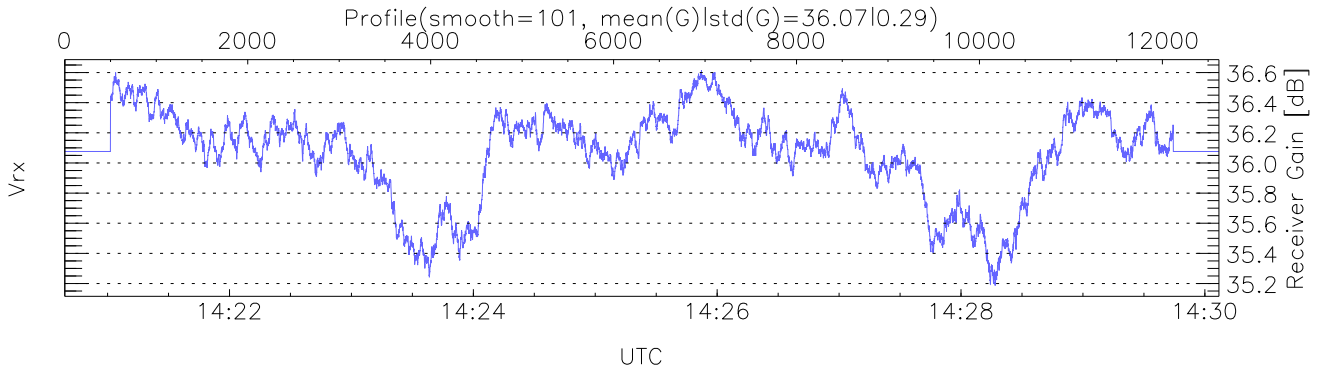
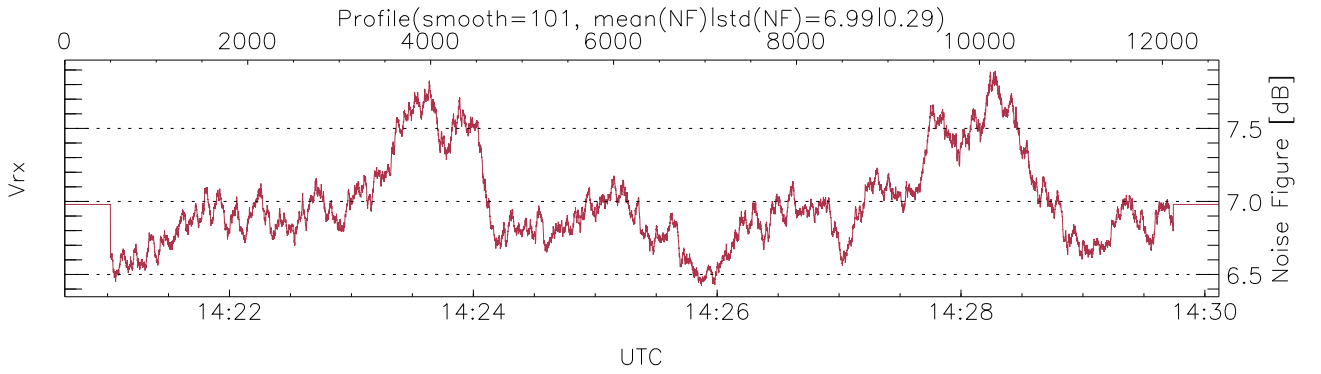
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:20:39-14:30:07, TimeCor: 0.00s, Dur: 568.00s
 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): 12620/12620, 0-12619/14:20:39-14:30:07
 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 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



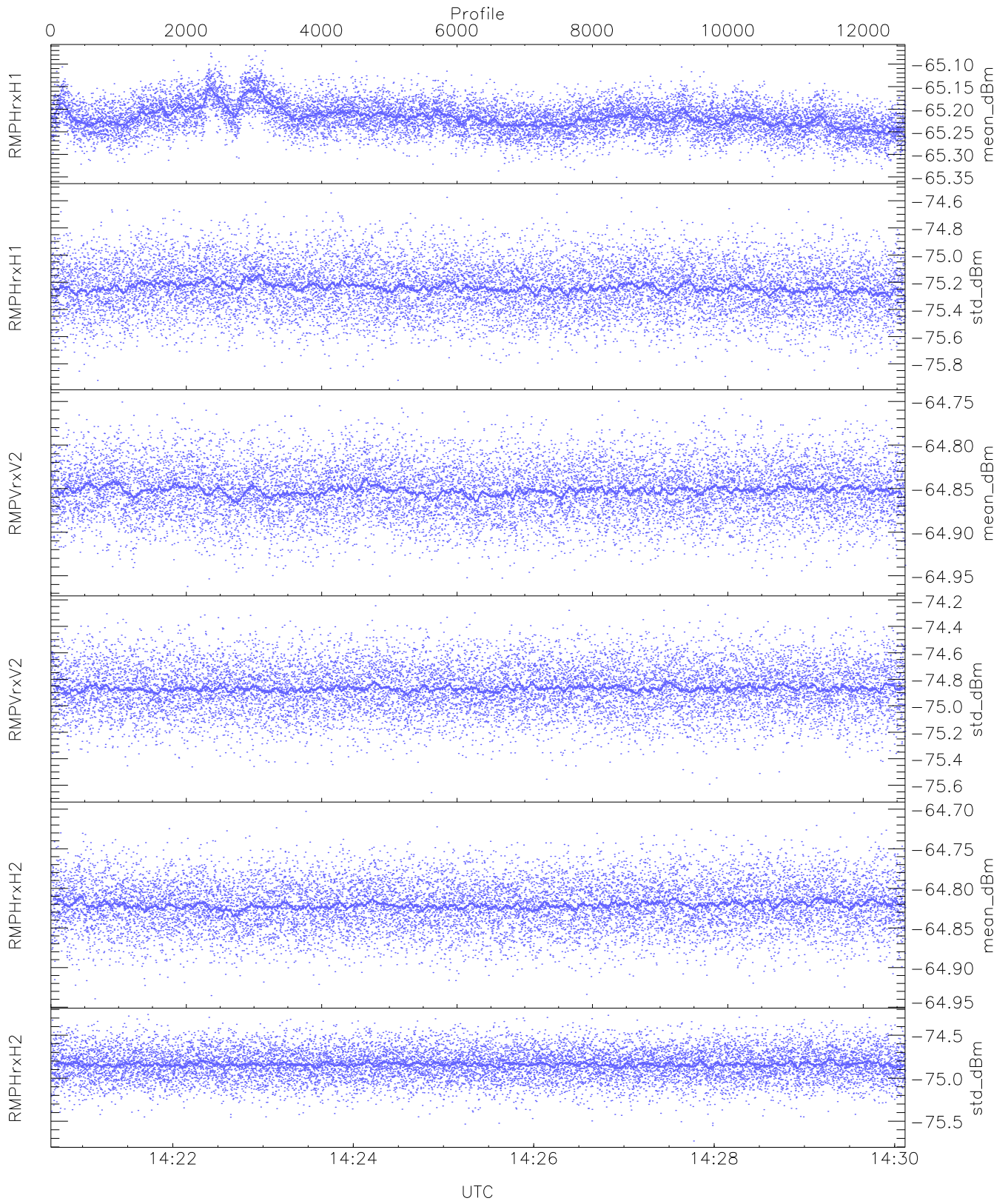
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,22,23`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,22,24,23,24`
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`
`EIK/Modulator Faults: None`



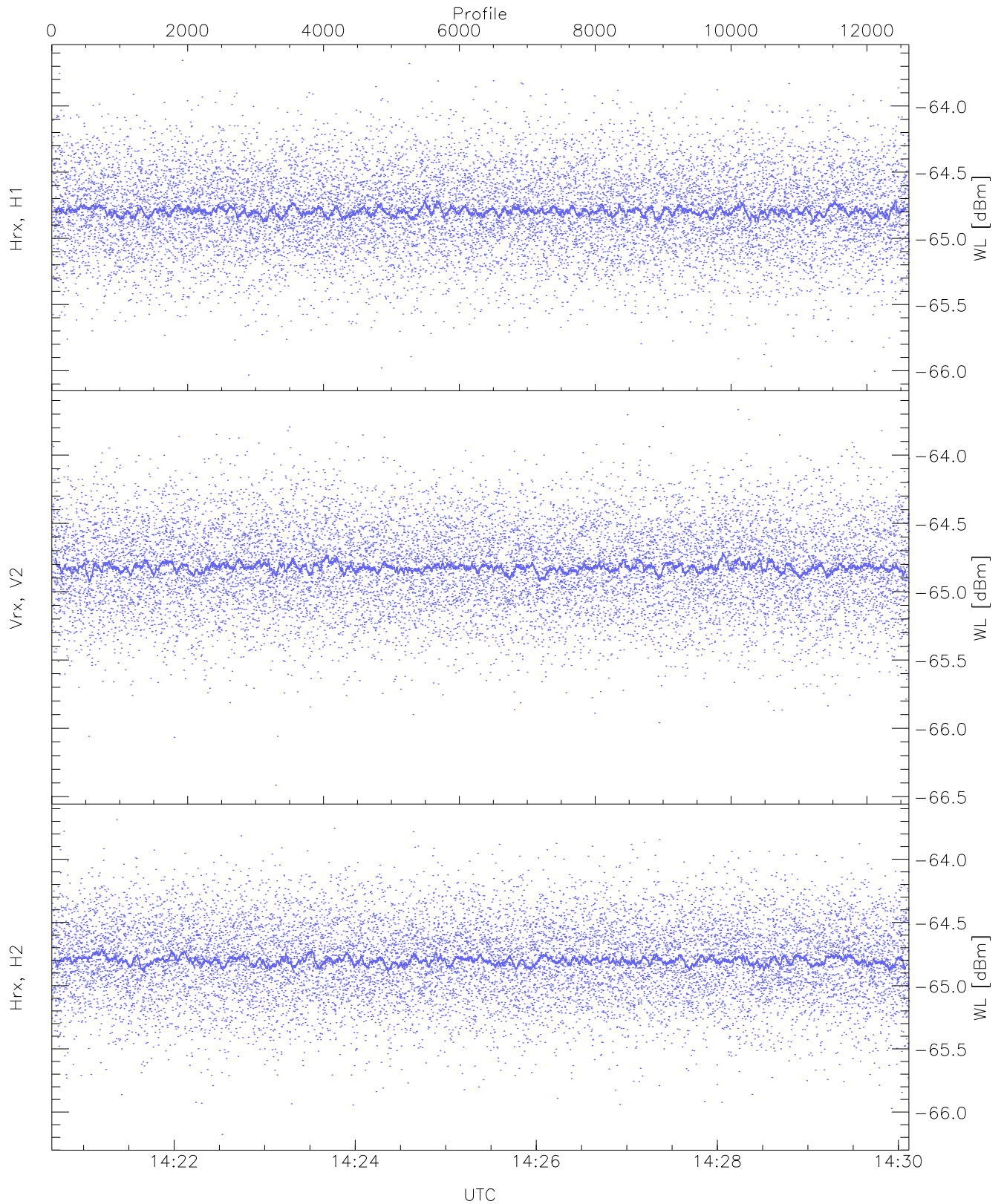
WCR3 CPP Receivers Gain and Noise Figure

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



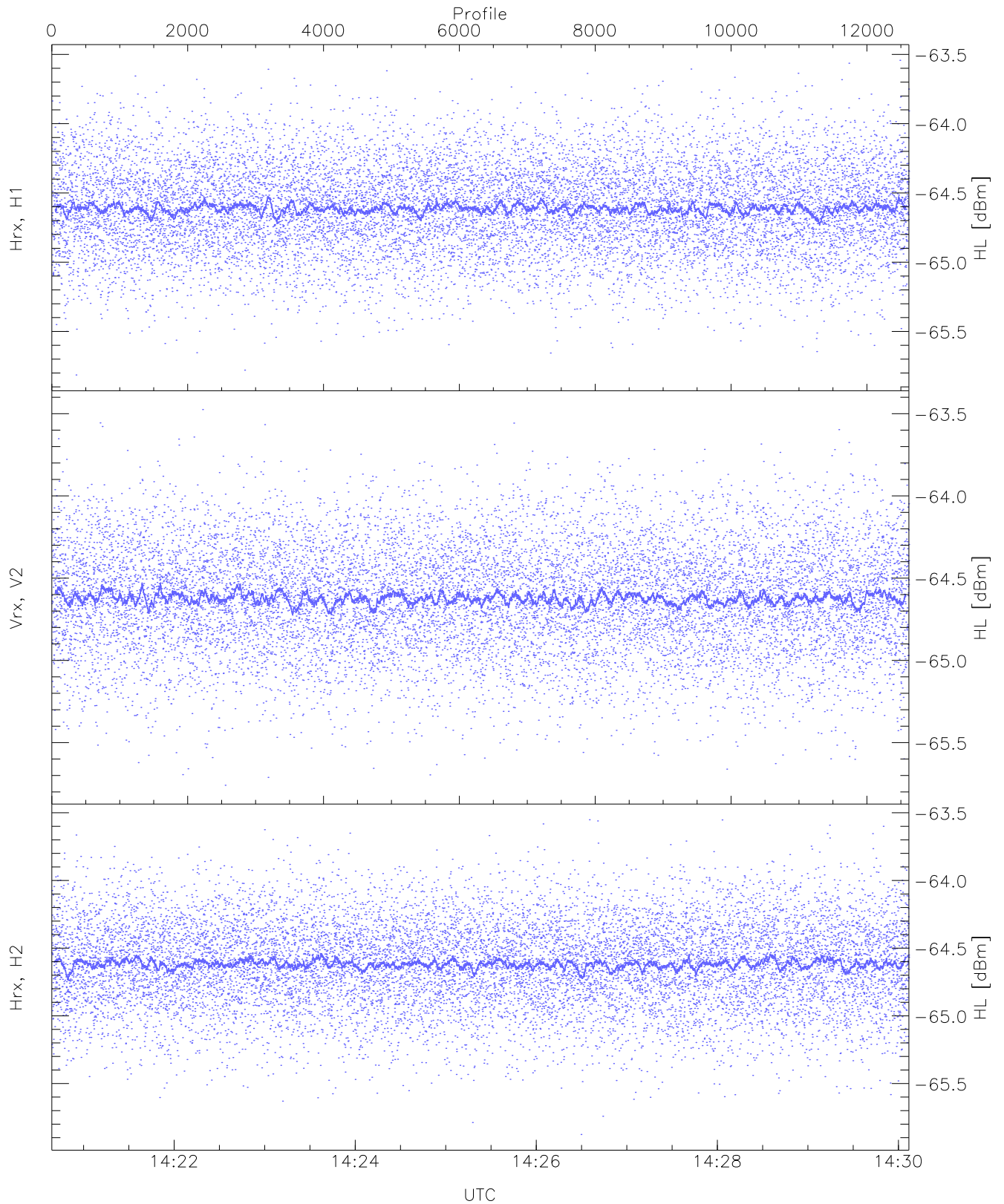
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.35	-65.07	-65.22	-65.22	-86.09
RMPHrxH1(std_dBm)	-75.92	-74.54	-75.24	-75.24	-88.98
RMPVrxV2(mean_dBm)	-64.96	-64.75	-64.85	-64.85	-86.48
RMPVrxV2(std_dBm)	-75.66	-74.24	-74.87	-74.87	-88.68
RMPHrxH2(mean_dBm)	-64.94	-64.70	-64.82	-64.82	-86.42
RMPHrxH2(std_dBm)	-75.73	-74.26	-74.84	-74.84	-88.62



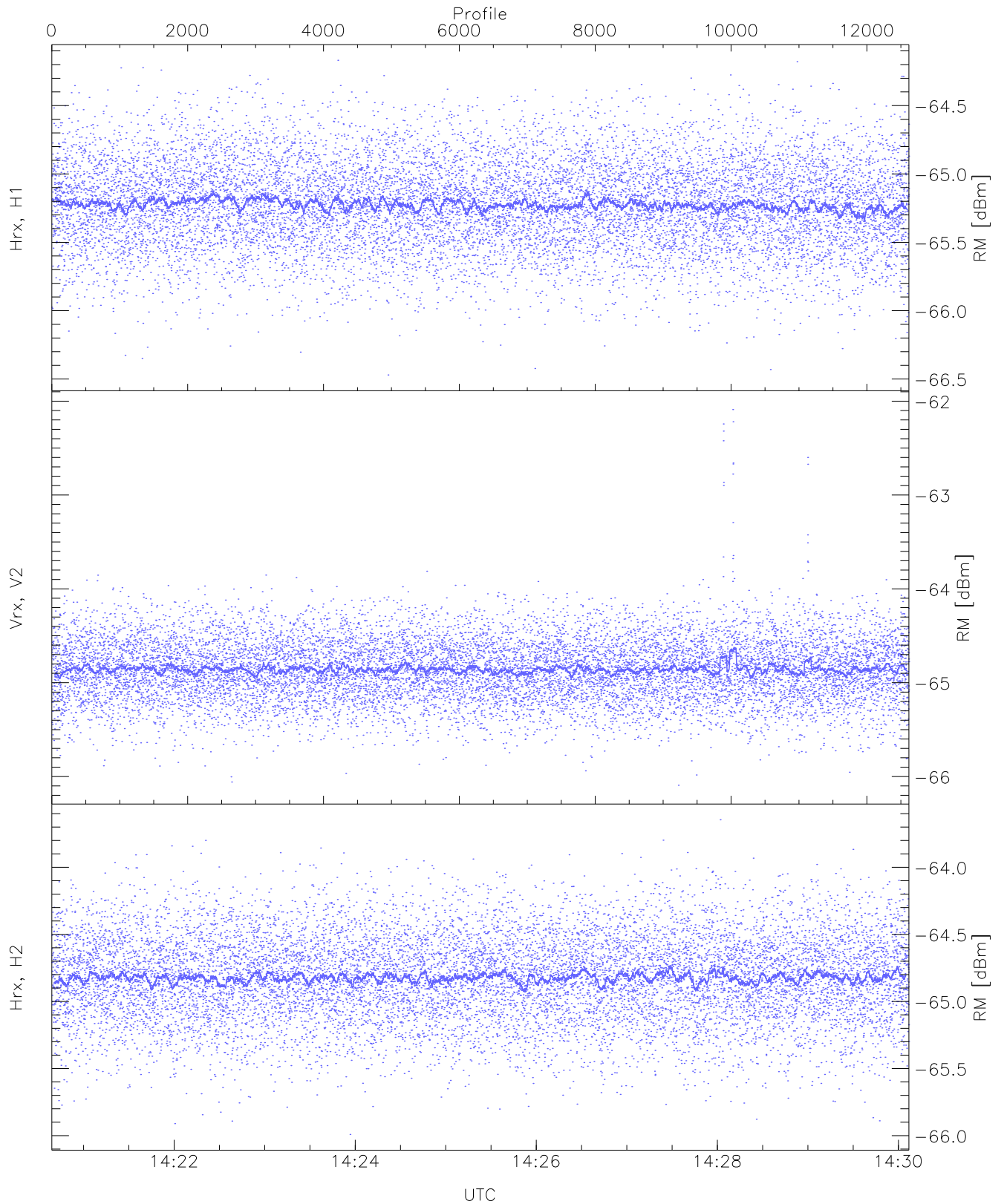
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.03	-63.66	-64.79	-64.80	-76.32
Vrx, V2 (WL [dBm])	-66.42	-63.67	-64.81	-64.82	-76.30
Hrx, H2 (WL [dBm])	-66.18	-63.69	-64.79	-64.80	-76.33



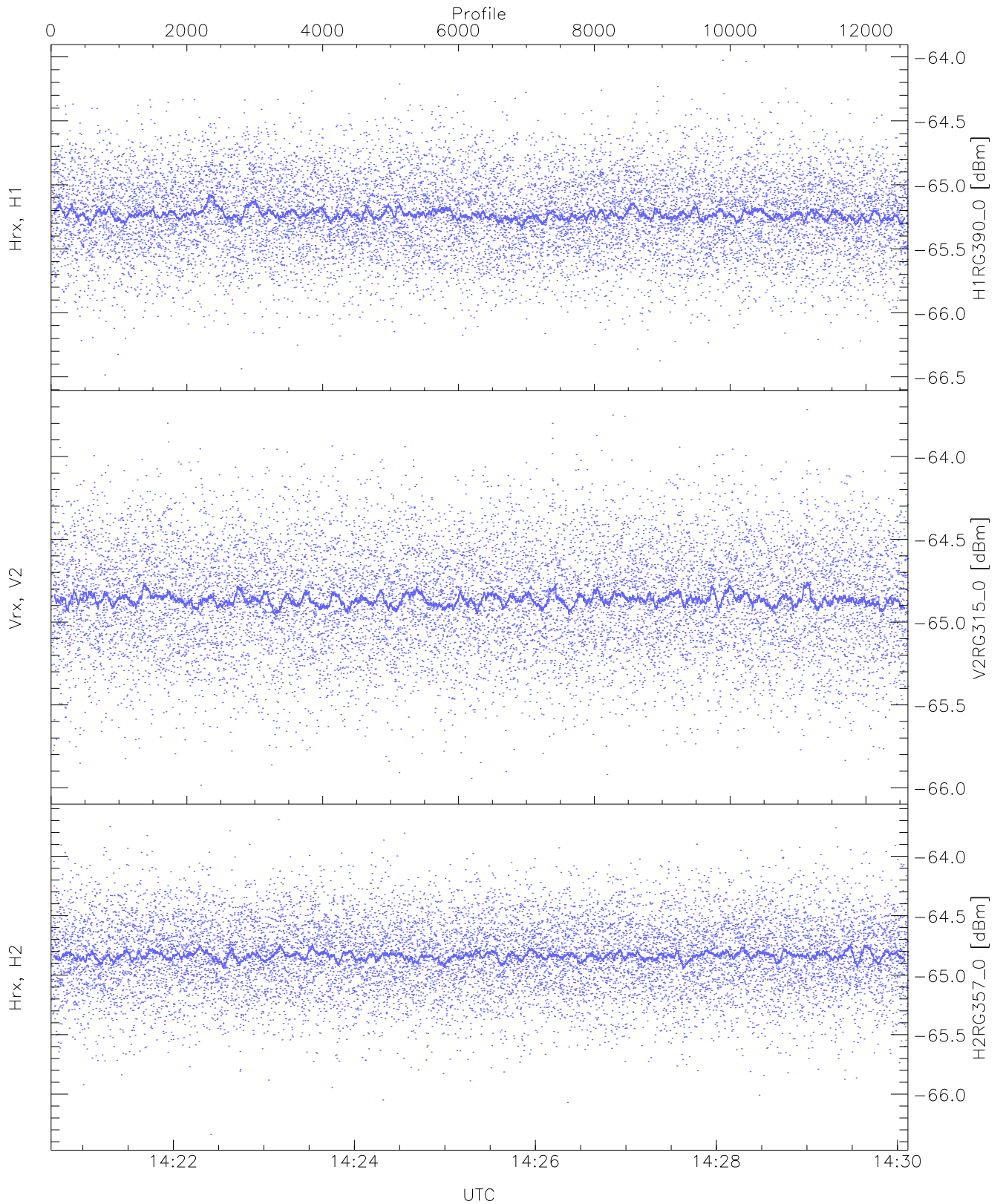
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.81	-63.54	-64.60	-64.61	-76.13
Vrx, V2 (HL [dBm])	-65.76	-63.47	-64.61	-64.62	-76.11
Hrx, H2 (HL [dBm])	-65.88	-63.55	-64.61	-64.61	-76.12



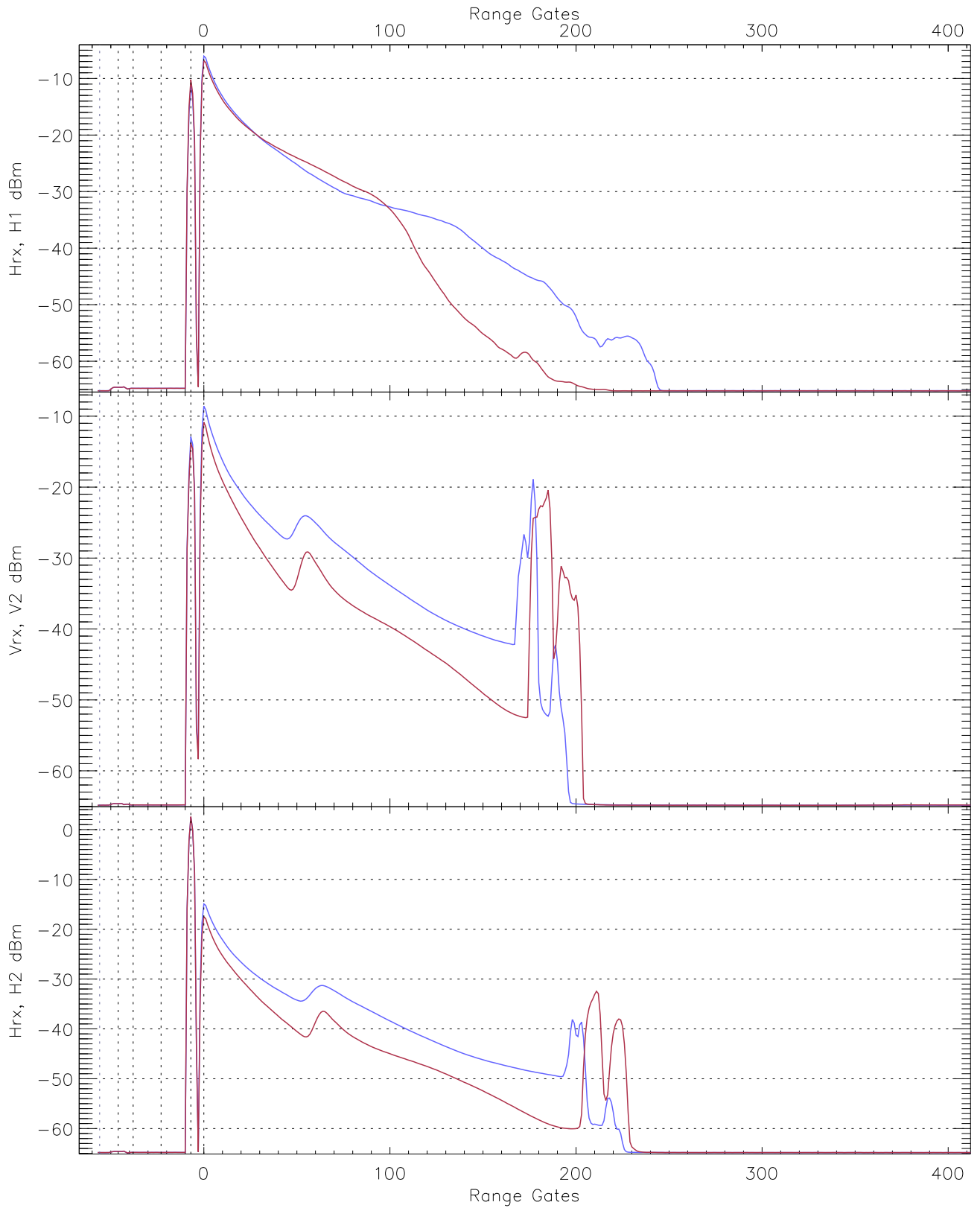
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.47	-64.17	-65.22	-65.23	-76.70
Vrx, V2 (RM [dBm])	-66.09	-62.09	-64.85	-64.86	-76.08
Hrx, H2 (RM [dBm])	-65.99	-63.65	-64.81	-64.82	-76.35

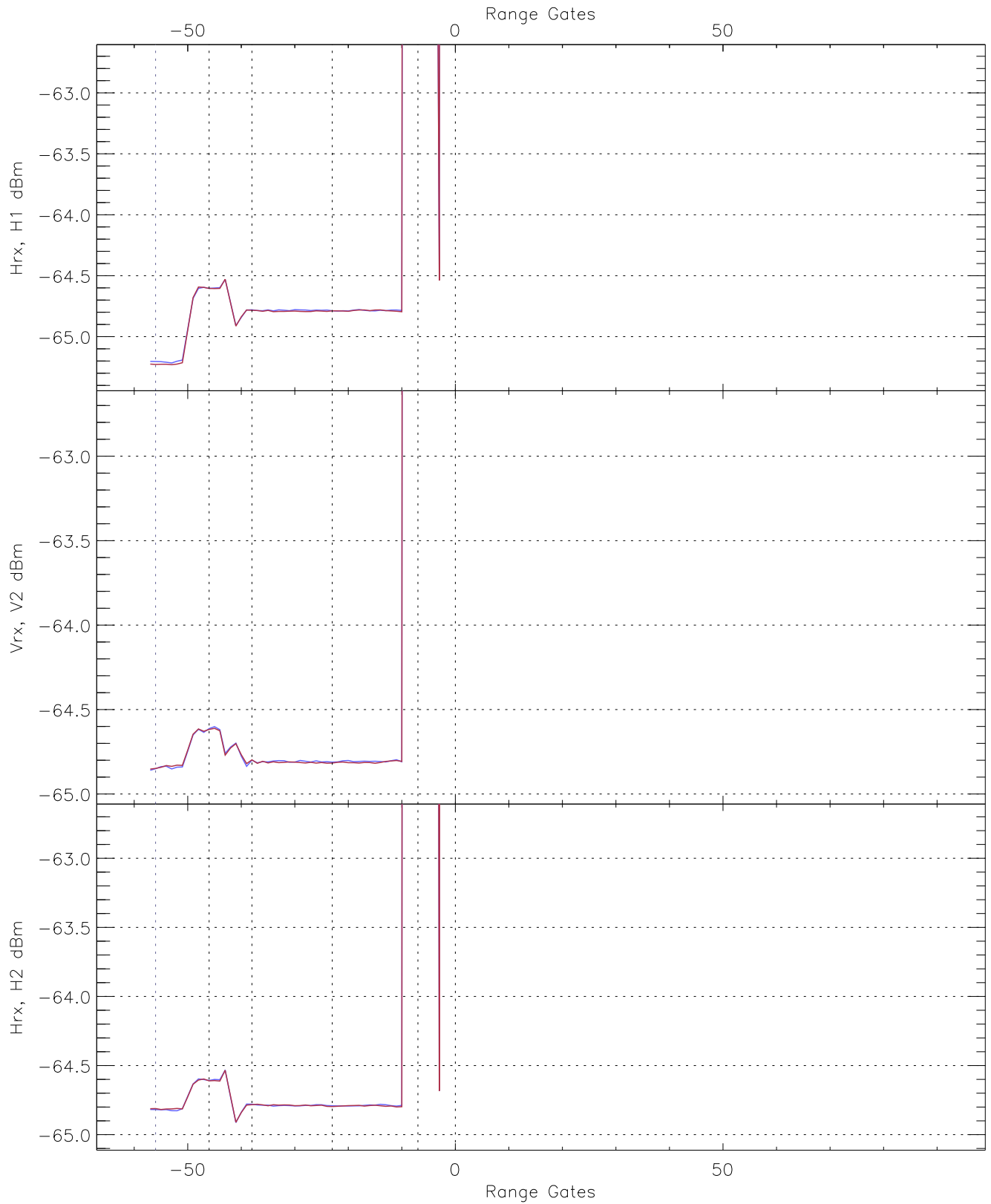


WCR3 CPP "Best" estimate Receivers Noise Power

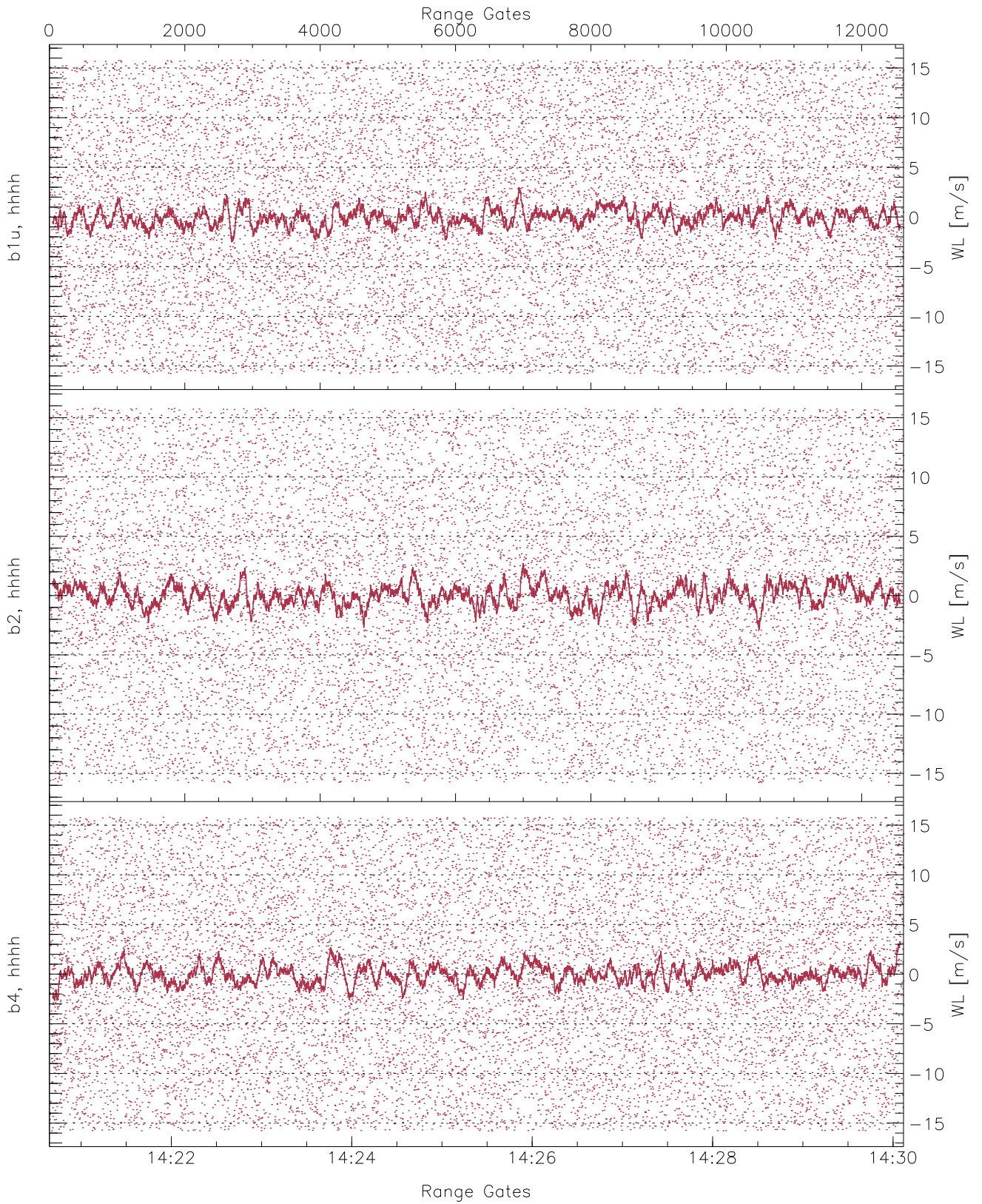
	Min	Max	Mean	Median	StDev
H1RG390_0 [dBm]	-66.49	-64.03	-65.22	-65.23	-76.73
V2RG315_0 [dBm]	-65.99	-63.72	-64.86	-64.87	-76.34
H2RG357_0 [dBm]	-66.34	-63.69	-64.83	-64.84	-76.35



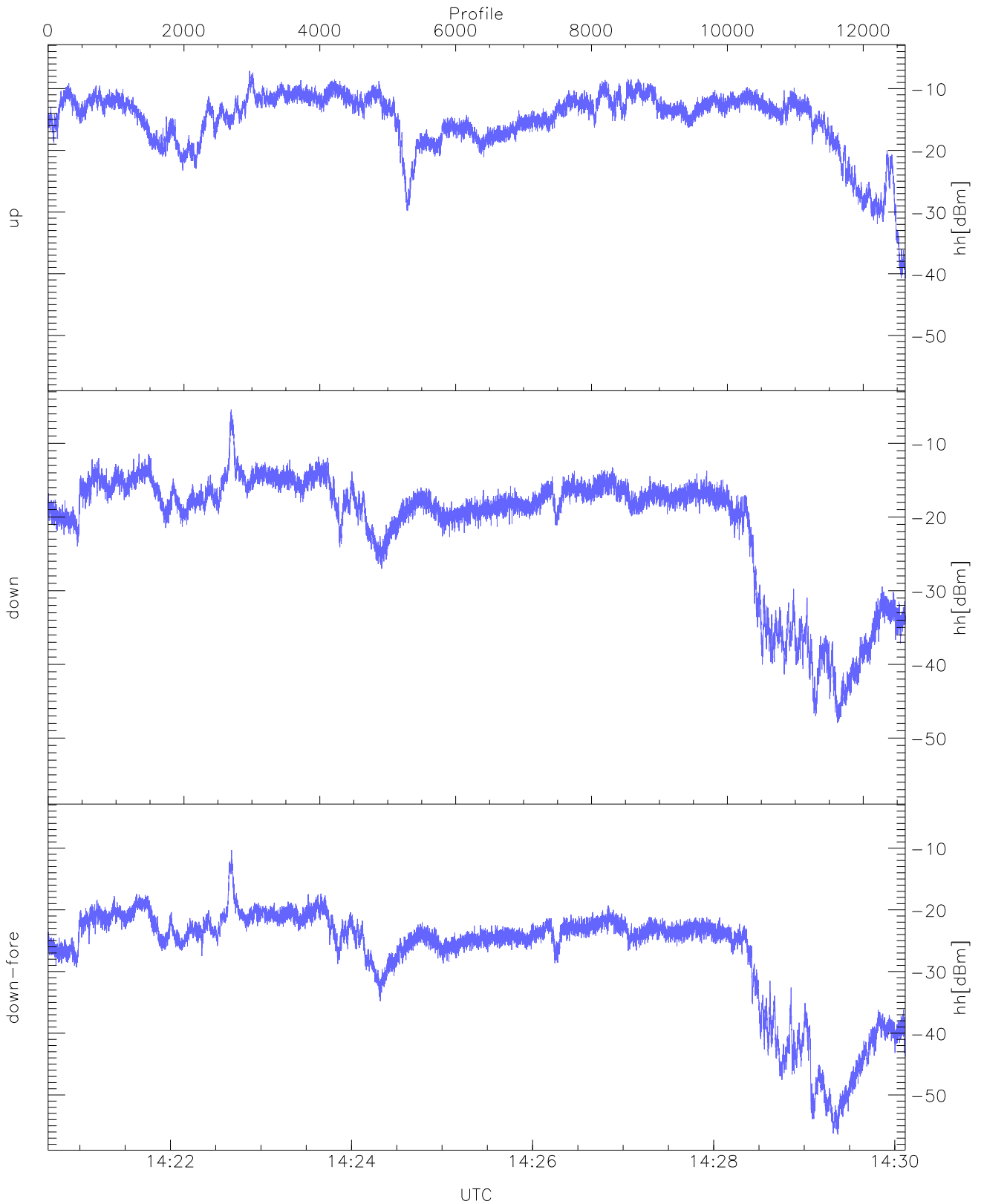
WCR3 CPP Averaged Received power for all recorded gates
blue: 142039-142523, 6311 profiles averaged
red: 142523-143007, 6310 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 142039-142523, 6311 profiles averaged
red: 142523-143007, 6310 profiles averaged

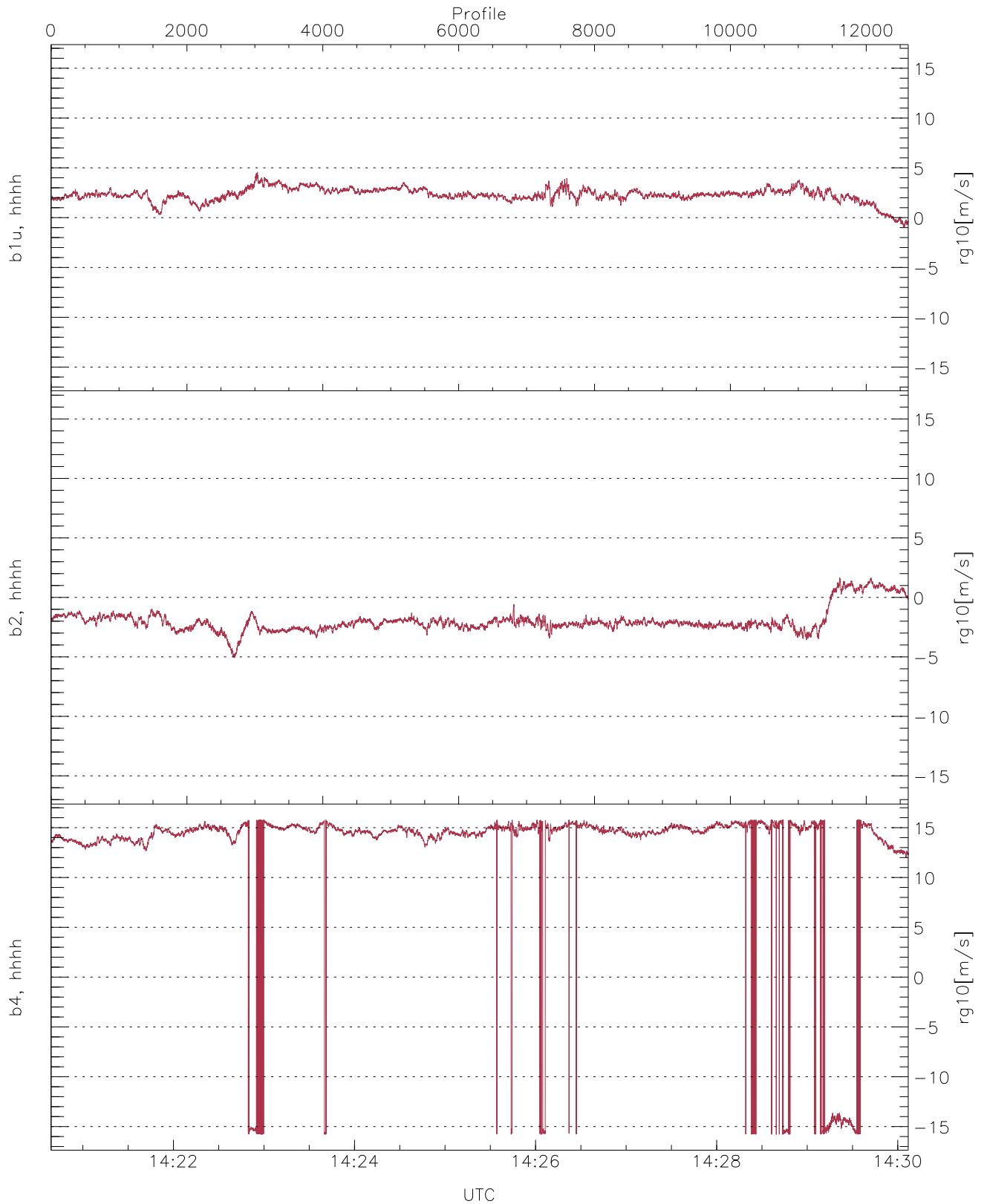


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

	Min	Max	Mean
up(hh[dBm])	-40.75	-7.11	-13.47
down(hh[dBm])	-47.93	-5.41	-17.46
down-fore(hh[dBm])	-56.41	-10.31	-23.43



WCR3 CPP Doppler Velocity Products at 255.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg10[m/s])	-0.94	4.58	2.29	0.71
b2, hhhh(rg10[m/s])	-5.05	1.65	-1.97	1.01
b4, hhhh(rg10[m/s])	-15.79	15.79	12.43	7.79