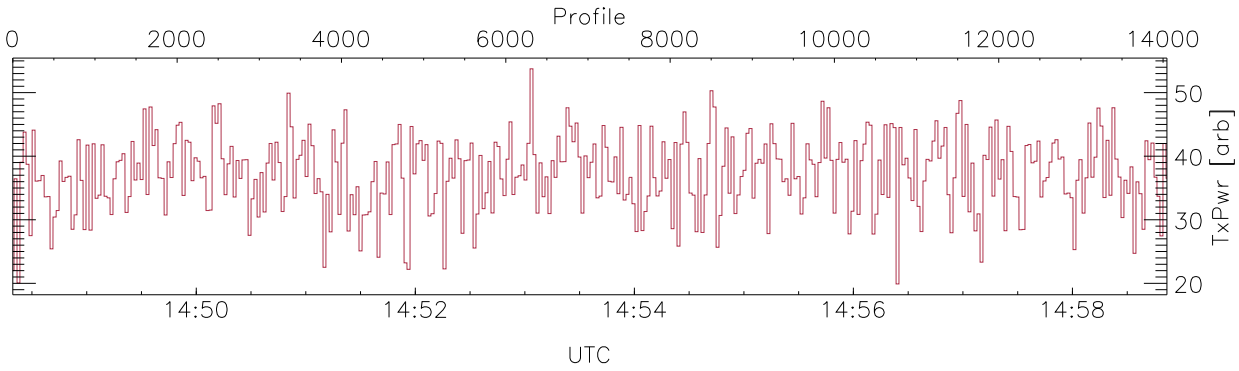
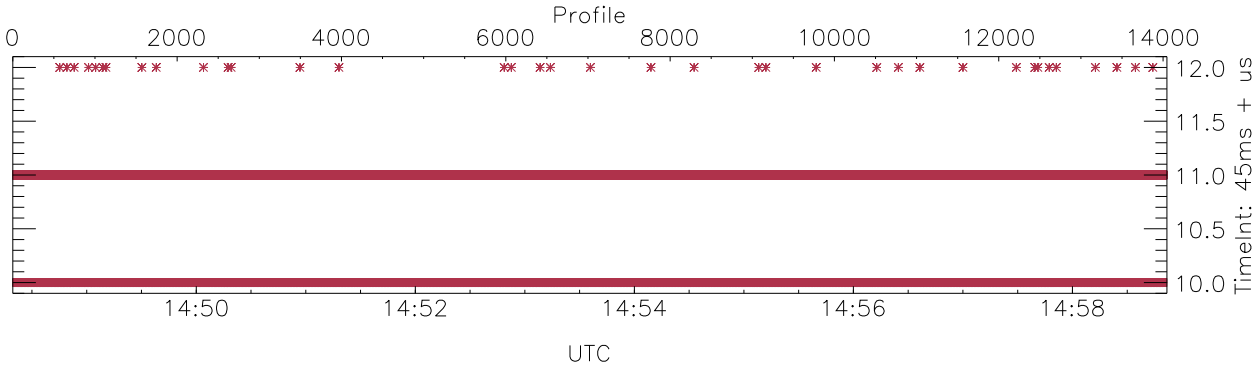
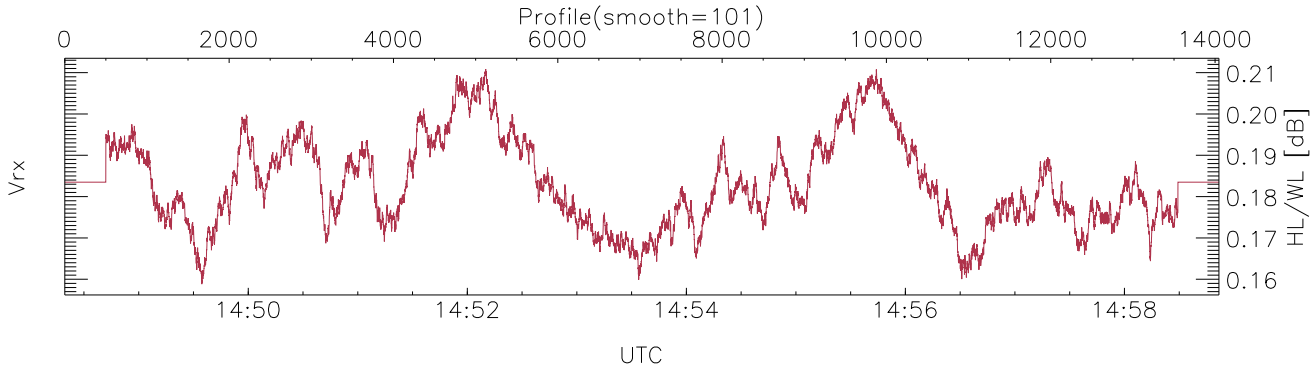
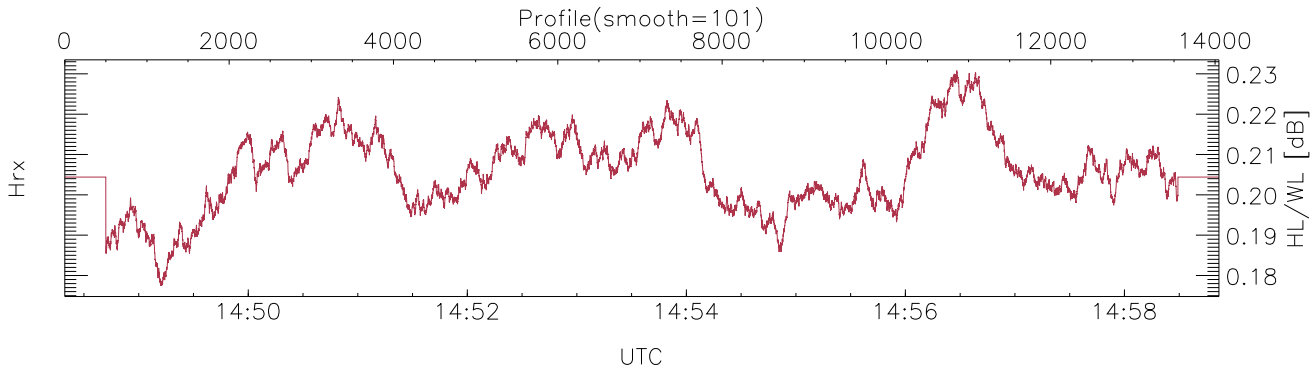


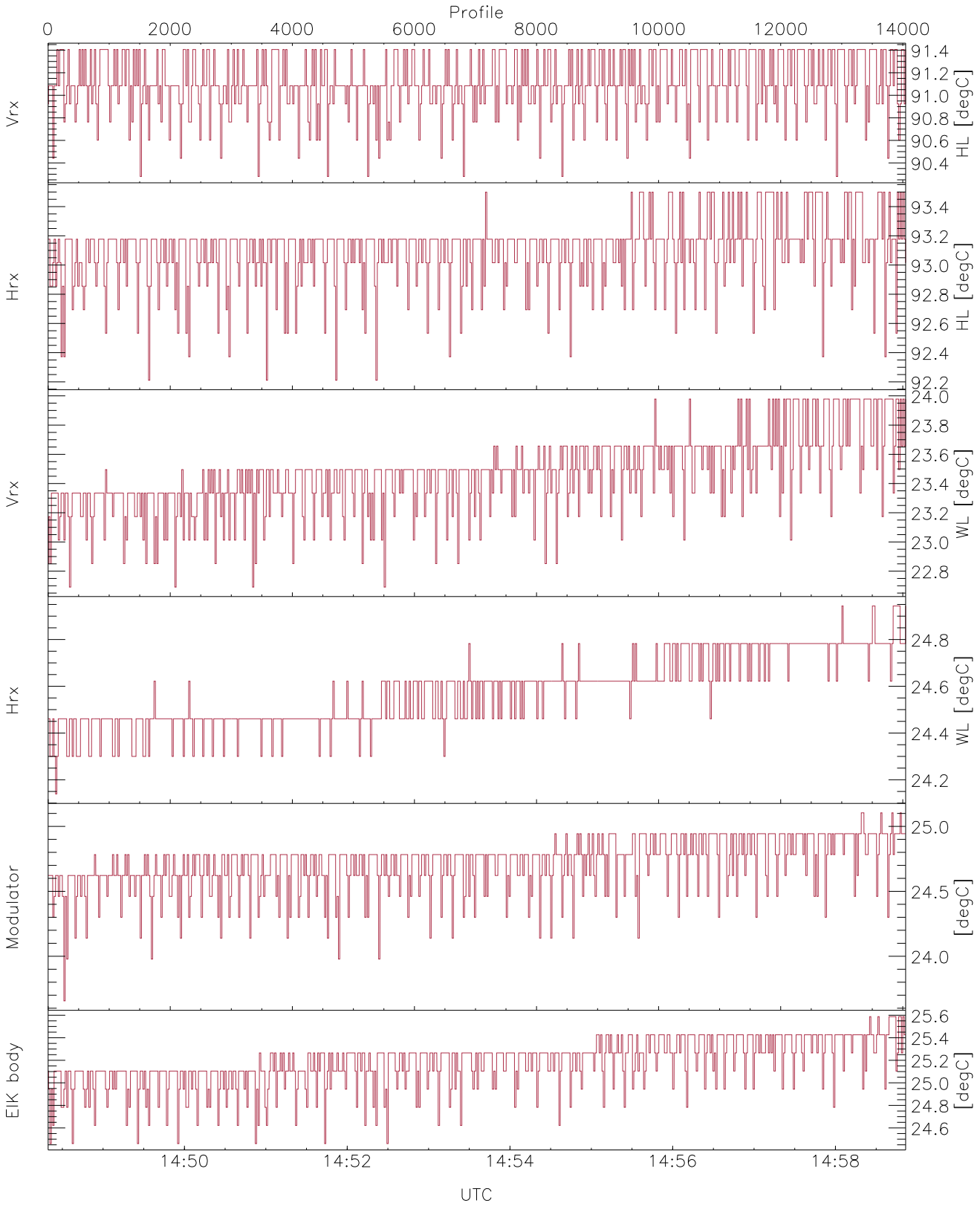






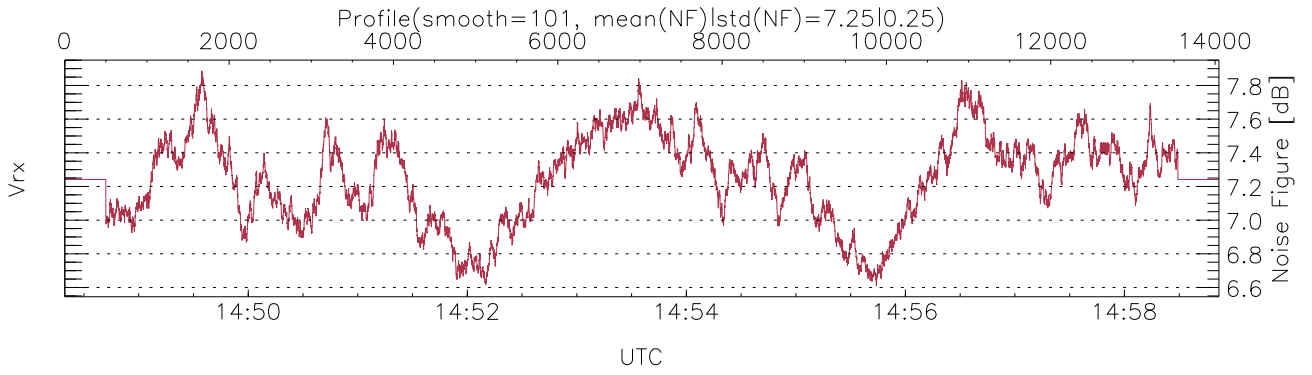
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

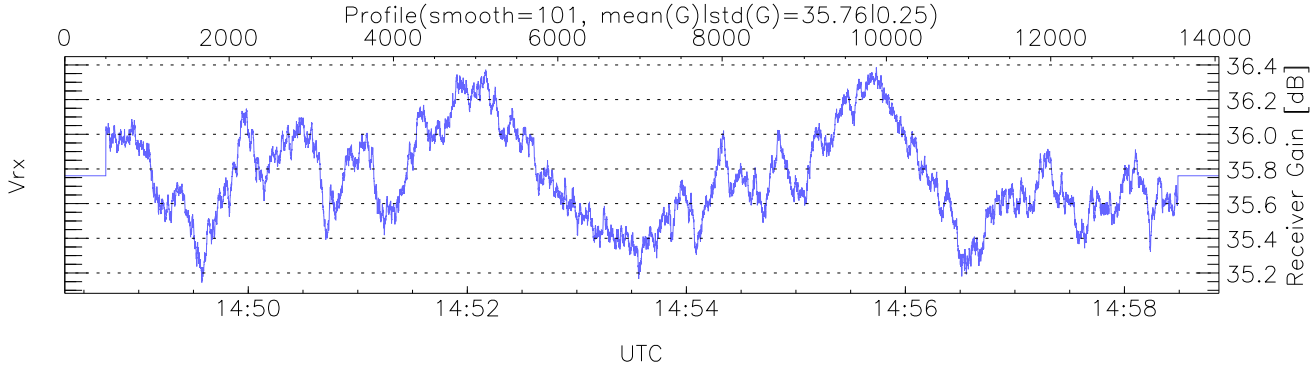
UTC: 14:48:19-14:58:52, TimeCor: 0.00s, Dur: 632.27s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 14048/14048, 0-14047/14:48:19-14:58:52
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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|sideluplerror): 1

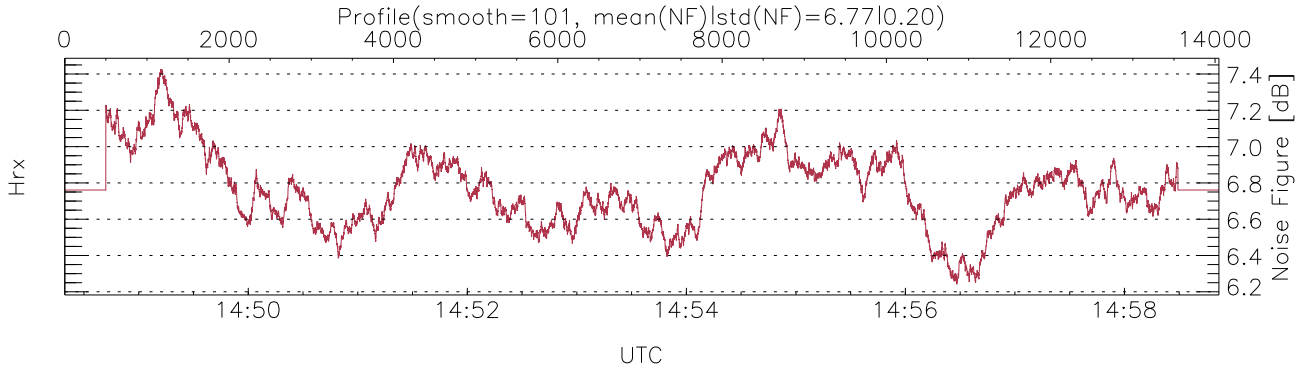


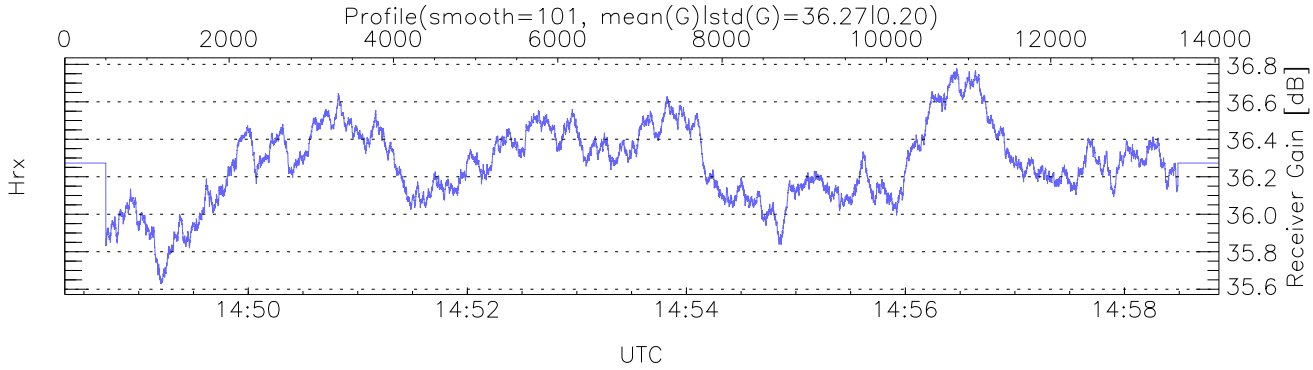
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



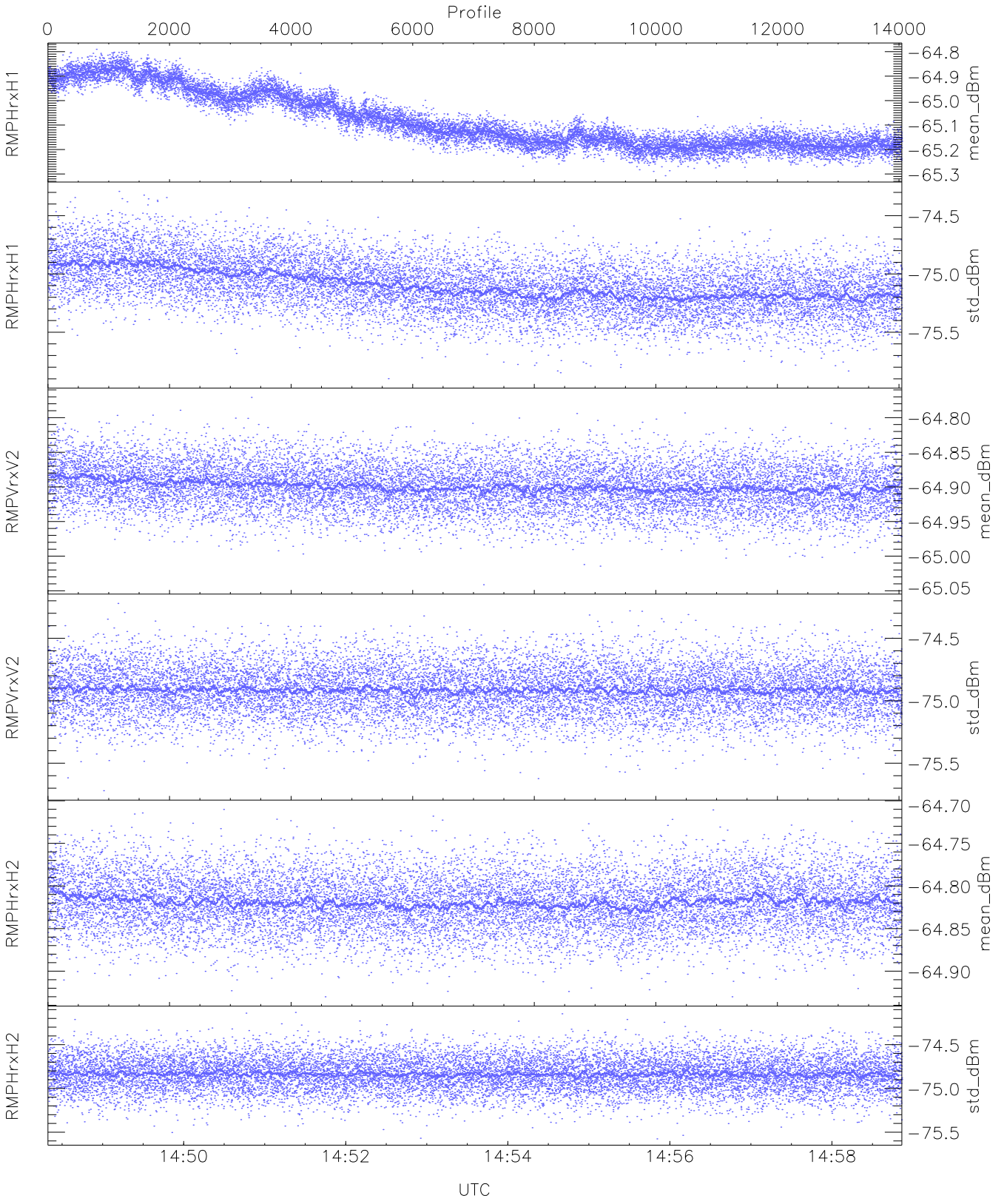






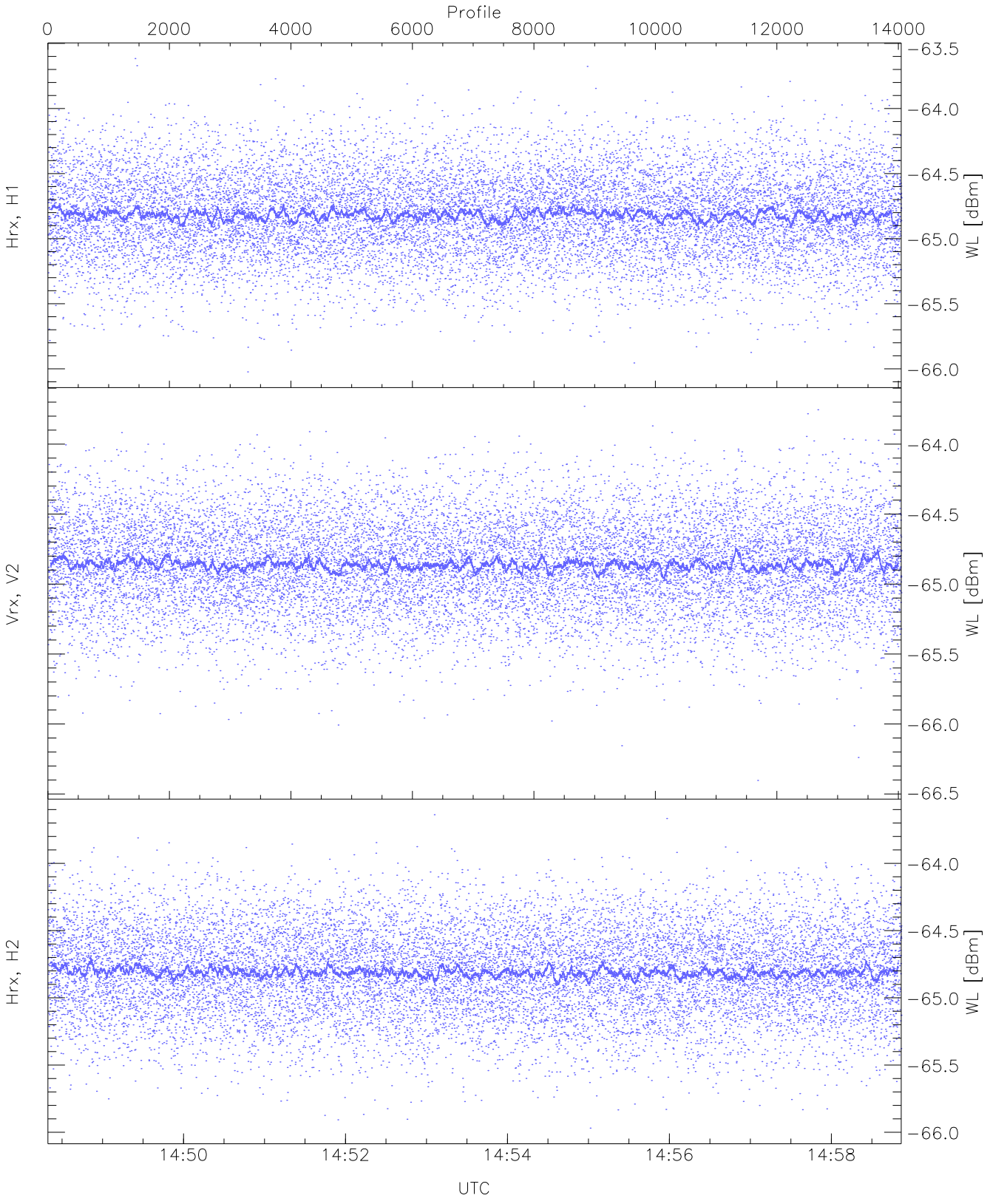
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 4 pixs, 3 gates, 4 profs, 1 prod(s)



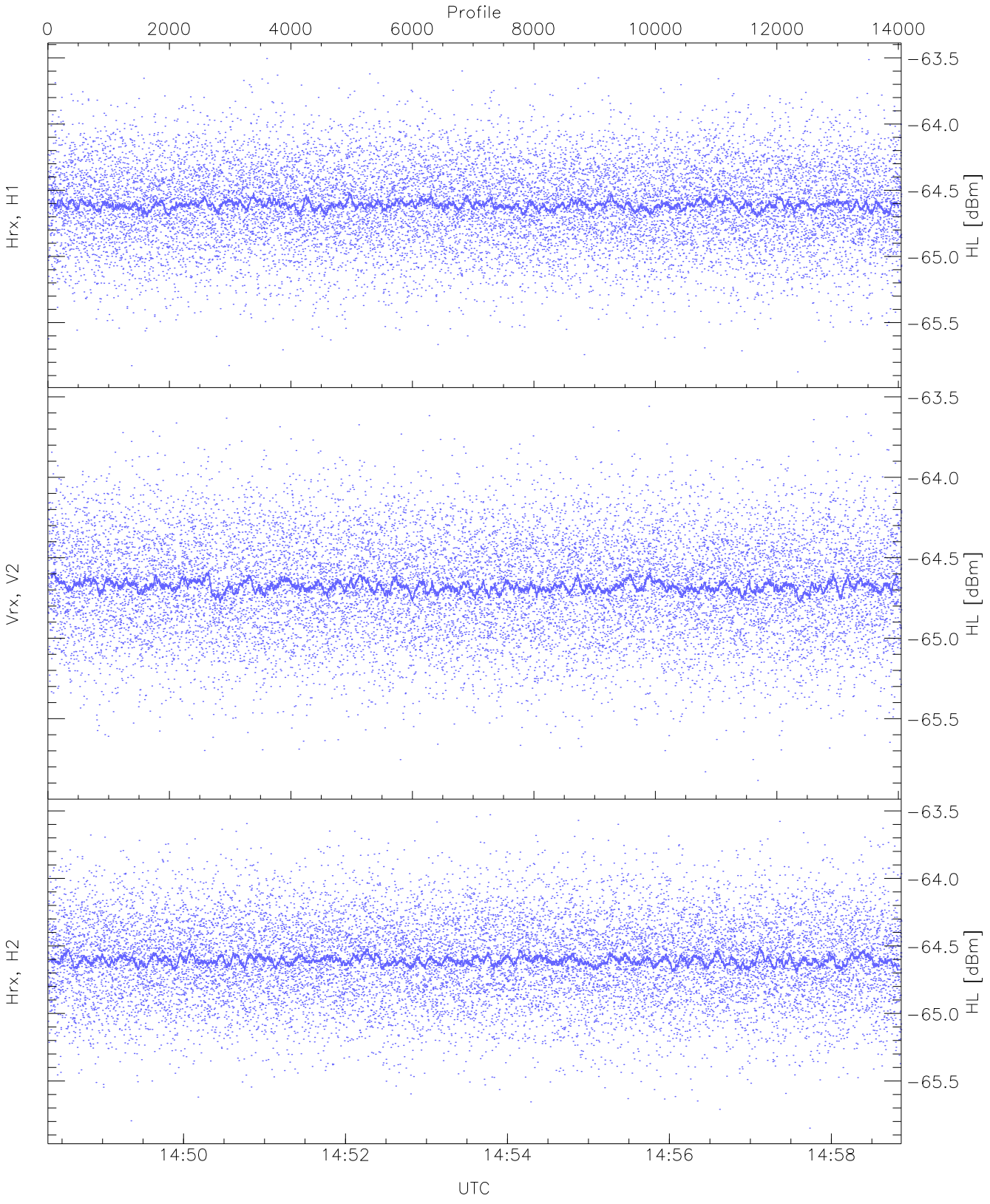
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.31	-64.79	-65.08	-65.12	-80.89
RMPHrxH1(std_dBm)	-75.90	-74.29	-75.09	-75.10	-88.20
RMPVrxV2(mean_dBm)	-65.04	-64.77	-64.90	-64.90	-86.41
RMPVrxV2(std_dBm)	-75.72	-74.22	-74.91	-74.92	-88.70
RMPHrxH2(mean_dBm)	-64.93	-64.71	-64.82	-64.82	-86.43
RMPHrxH2(std_dBm)	-75.58	-74.13	-74.83	-74.84	-88.69



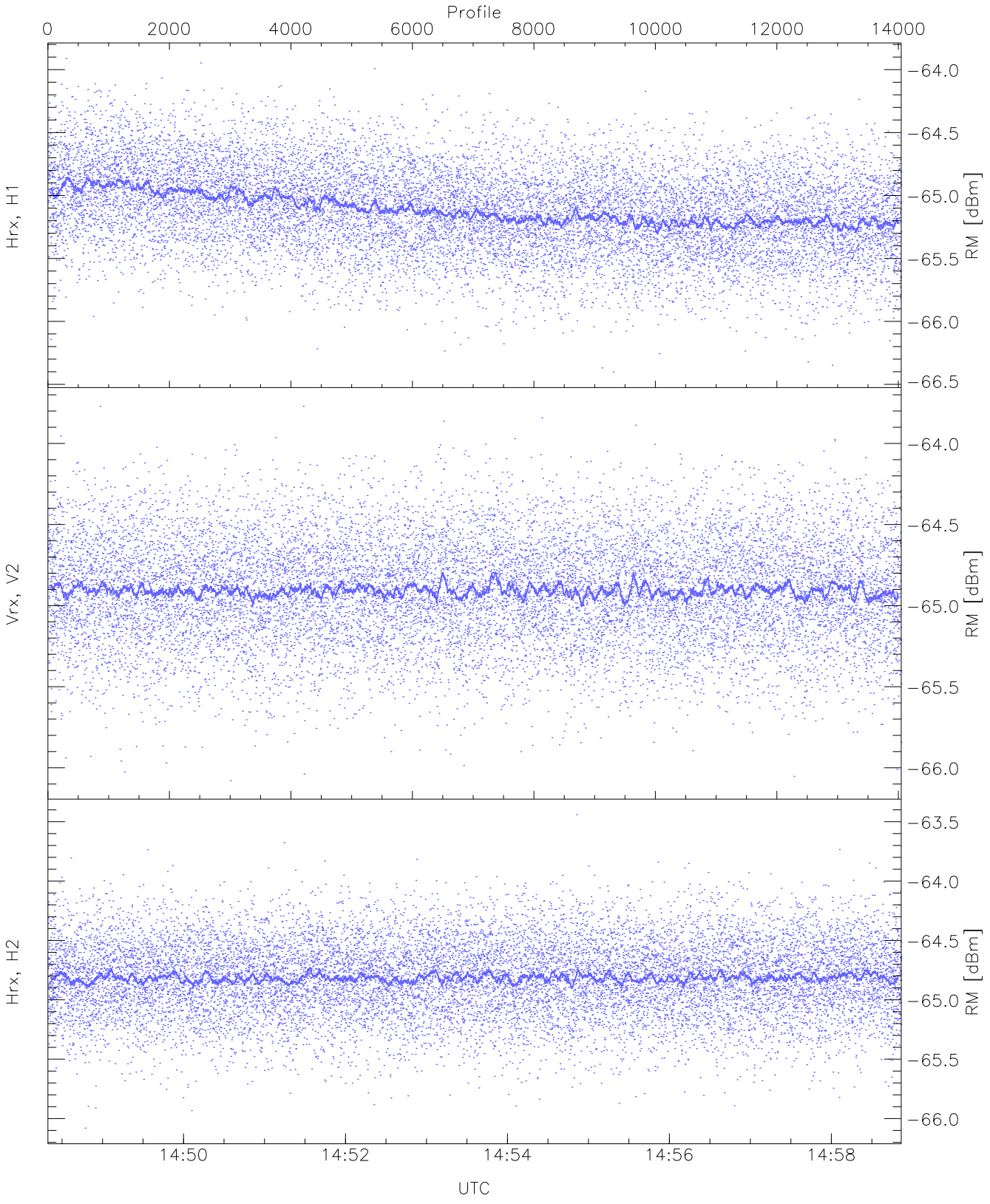
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.02	-63.62	-64.81	-64.82	-76.35
Vrx, V2(WL [dBm])	-66.40	-63.73	-64.85	-64.86	-76.37
Hrx, H2(WL [dBm])	-65.97	-63.64	-64.80	-64.81	-76.32



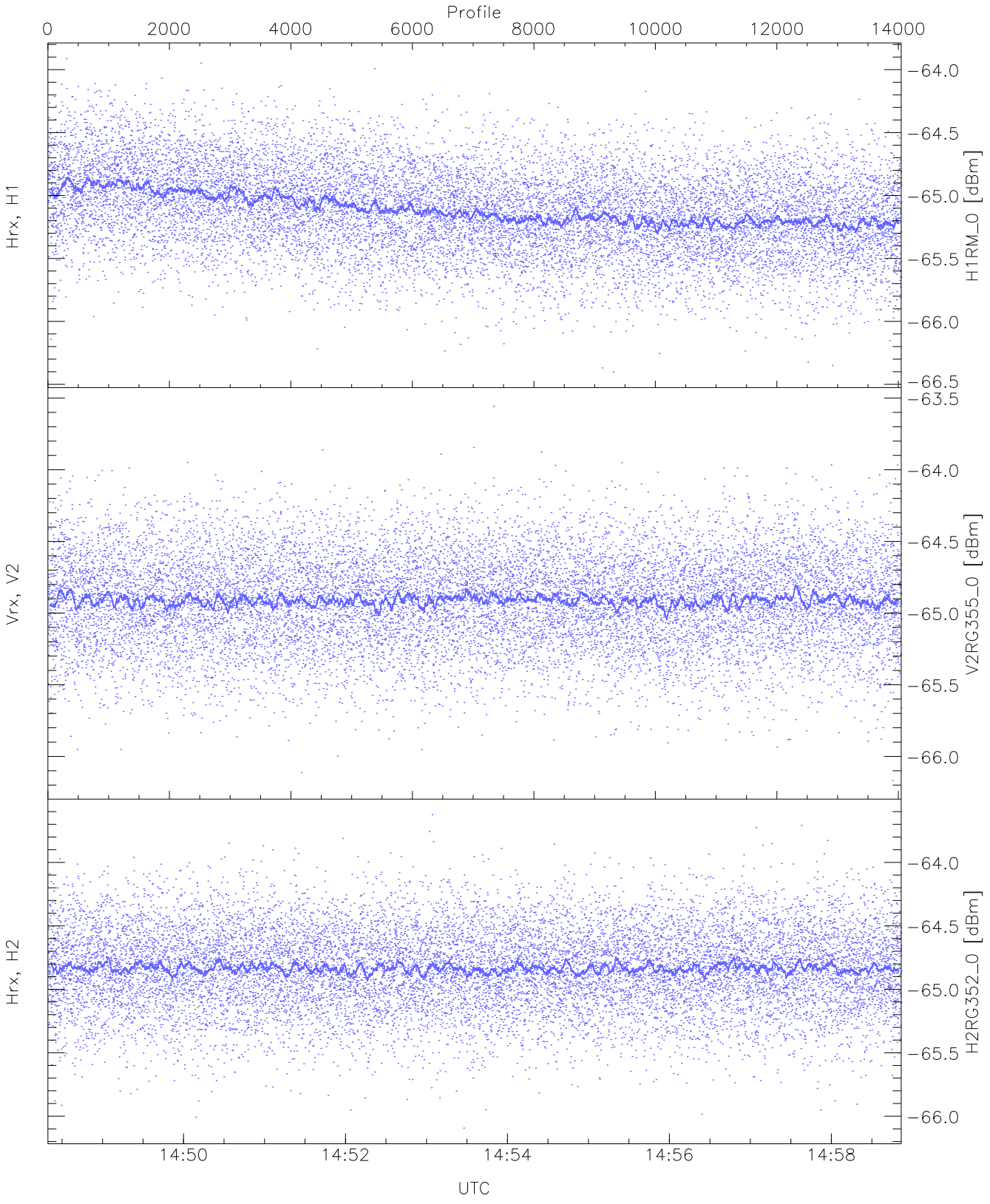
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.87	-63.51	-64.60	-64.61	-76.12
Vrx, V2(HL [dBm])	-65.88	-63.56	-64.67	-64.68	-76.19
Hrx, H2(HL [dBm])	-65.85	-63.53	-64.60	-64.61	-76.10



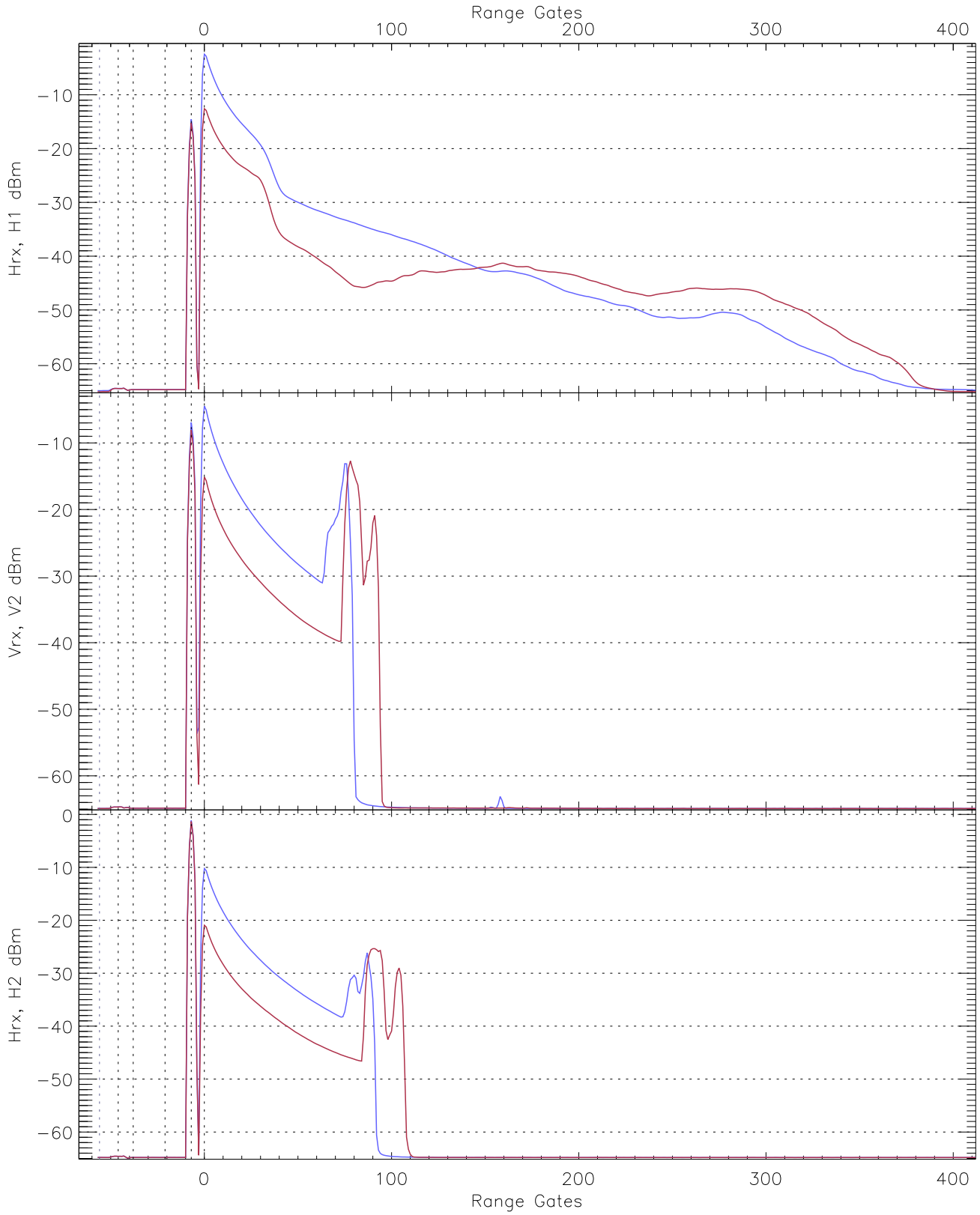
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.40	-63.91	-65.10	-65.11	-76.33
Vrx, V2(RM [dBm])	-66.08	-63.77	-64.90	-64.91	-76.41
Hrx, H2(RM [dBm])	-66.08	-63.44	-64.81	-64.81	-76.32

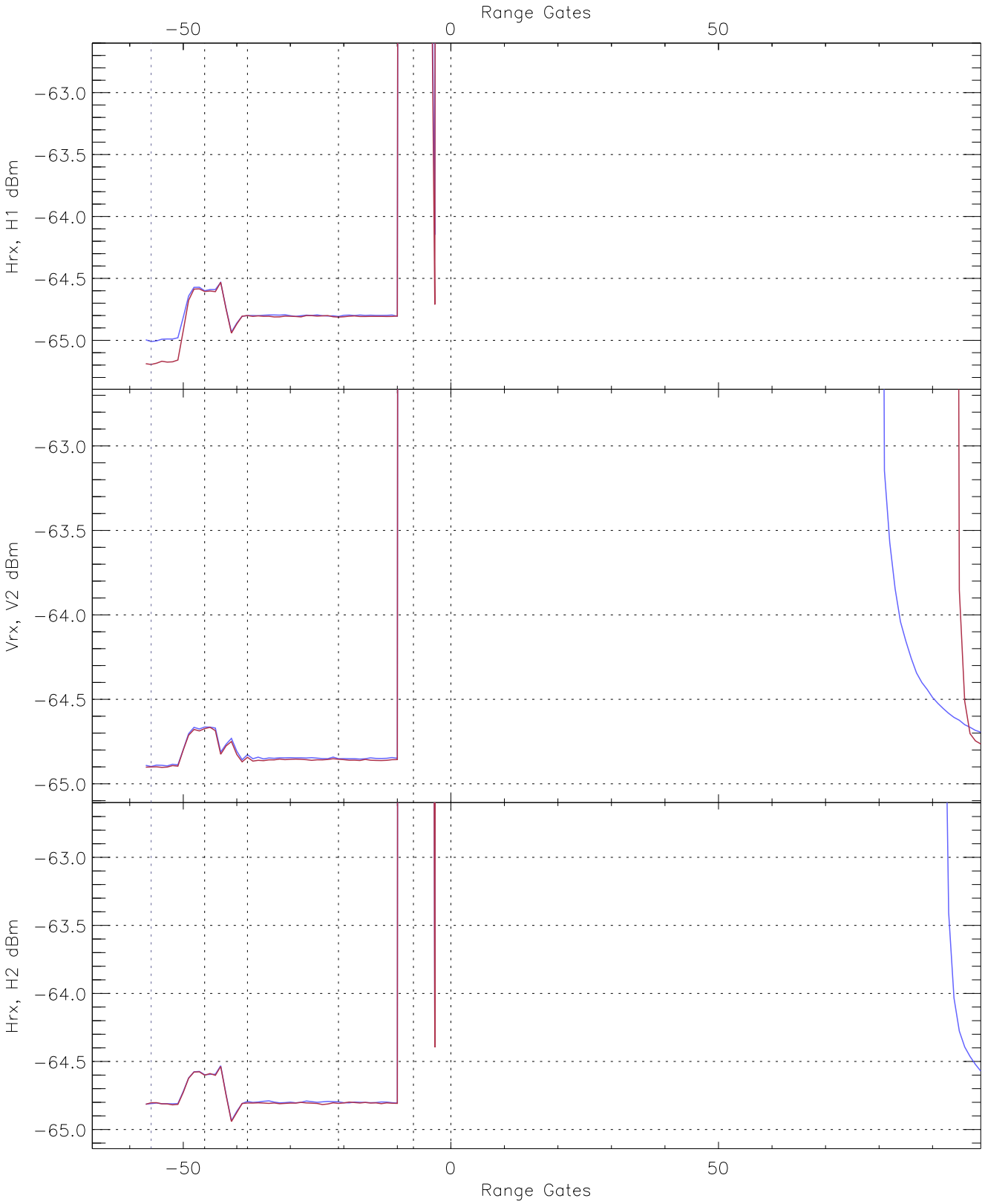


WCR3 CPP "Best" estimate Receivers Noise Power

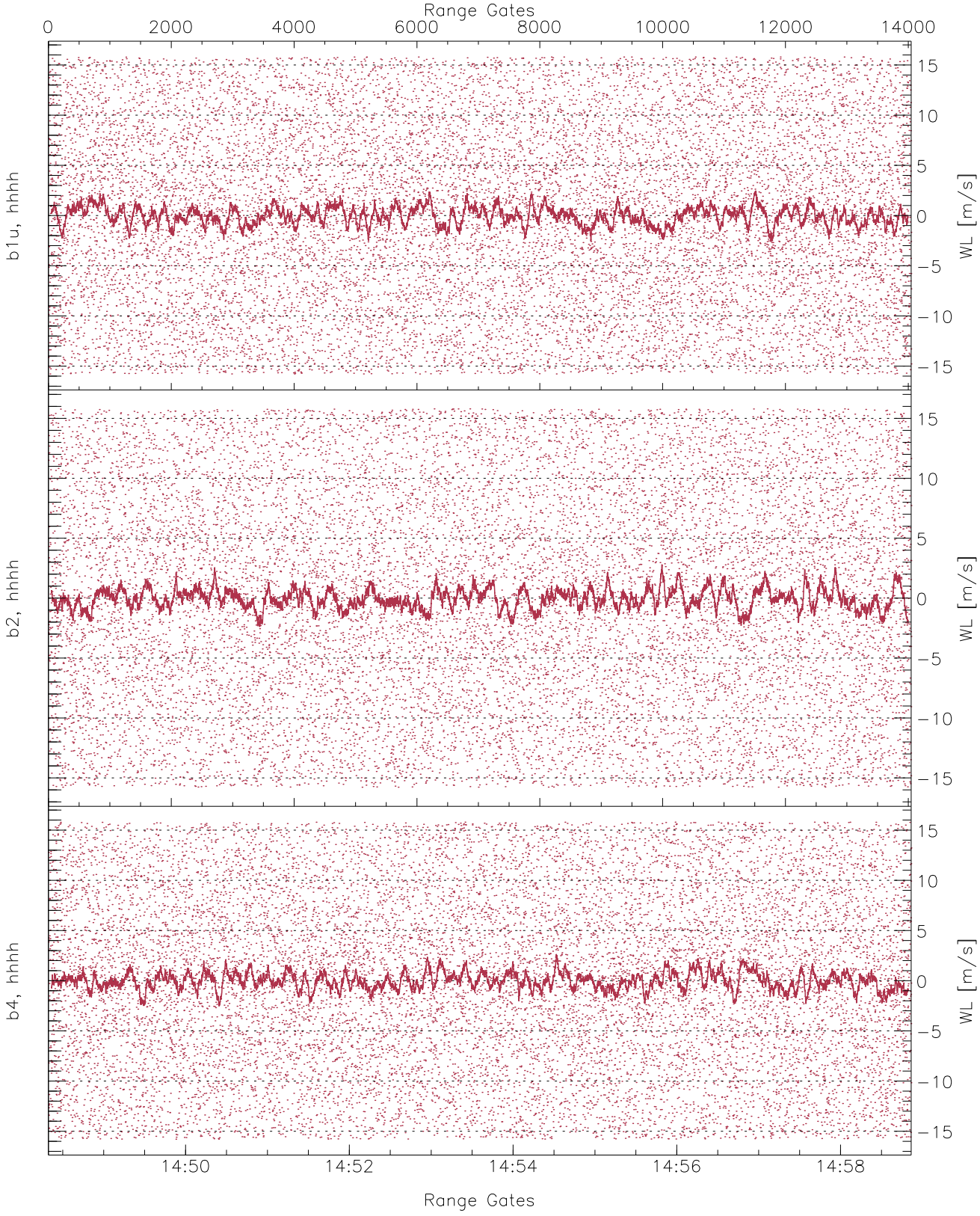
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.40	-63.91	-65.10	-65.11	-76.33
V2RG355_0 [dBm]	-66.17	-63.56	-64.90	-64.91	-76.38
H2RG352_0 [dBm]	-66.09	-63.62	-64.83	-64.83	-76.31



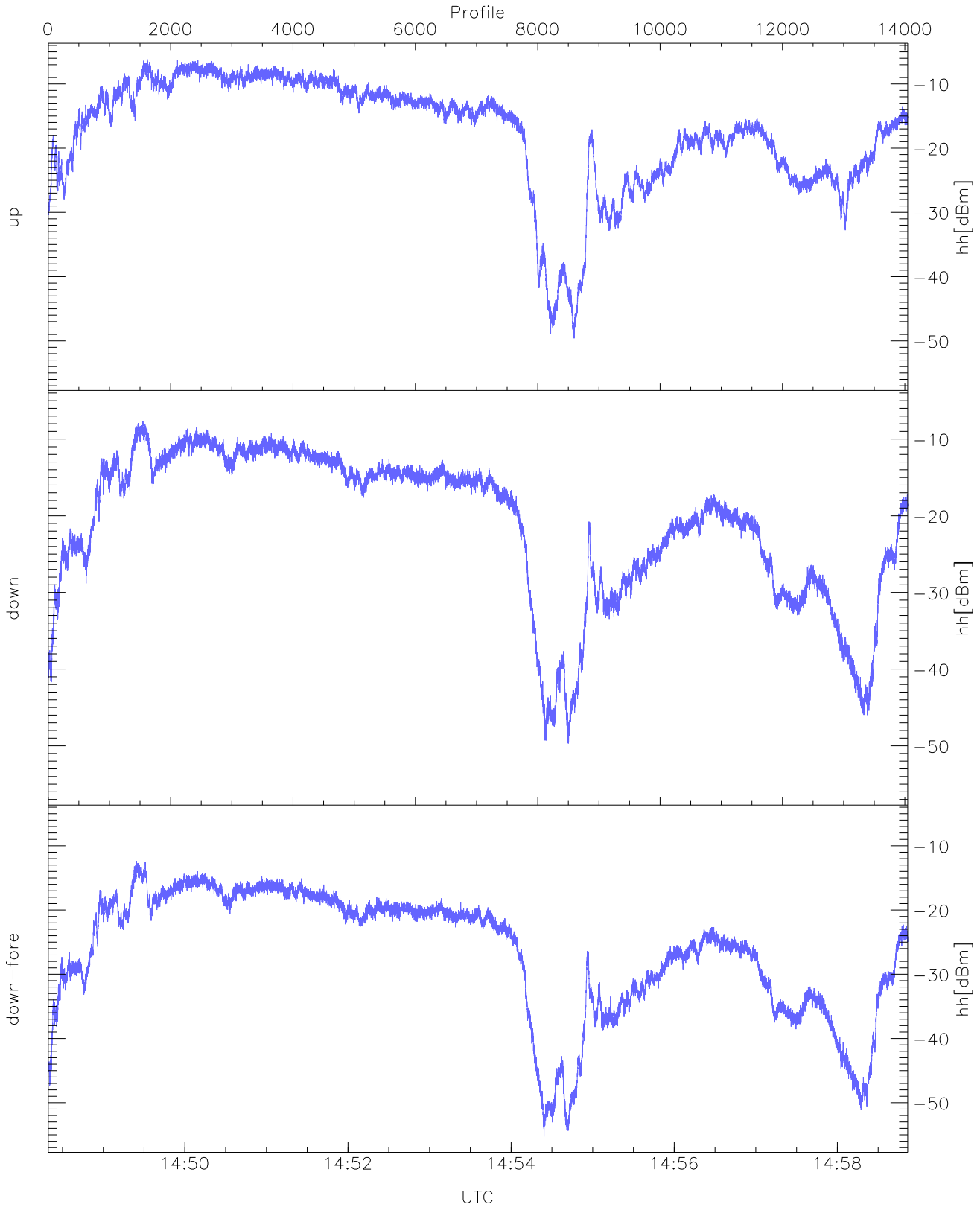
WCR3 CPP Averaged Received power for all recorded gates
blue: 144819-145336, 7025 profiles averaged
red: 145336-145852, 7024 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 144819-145336, 7025 profiles averaged
red: 145336-145852, 7024 profiles averaged

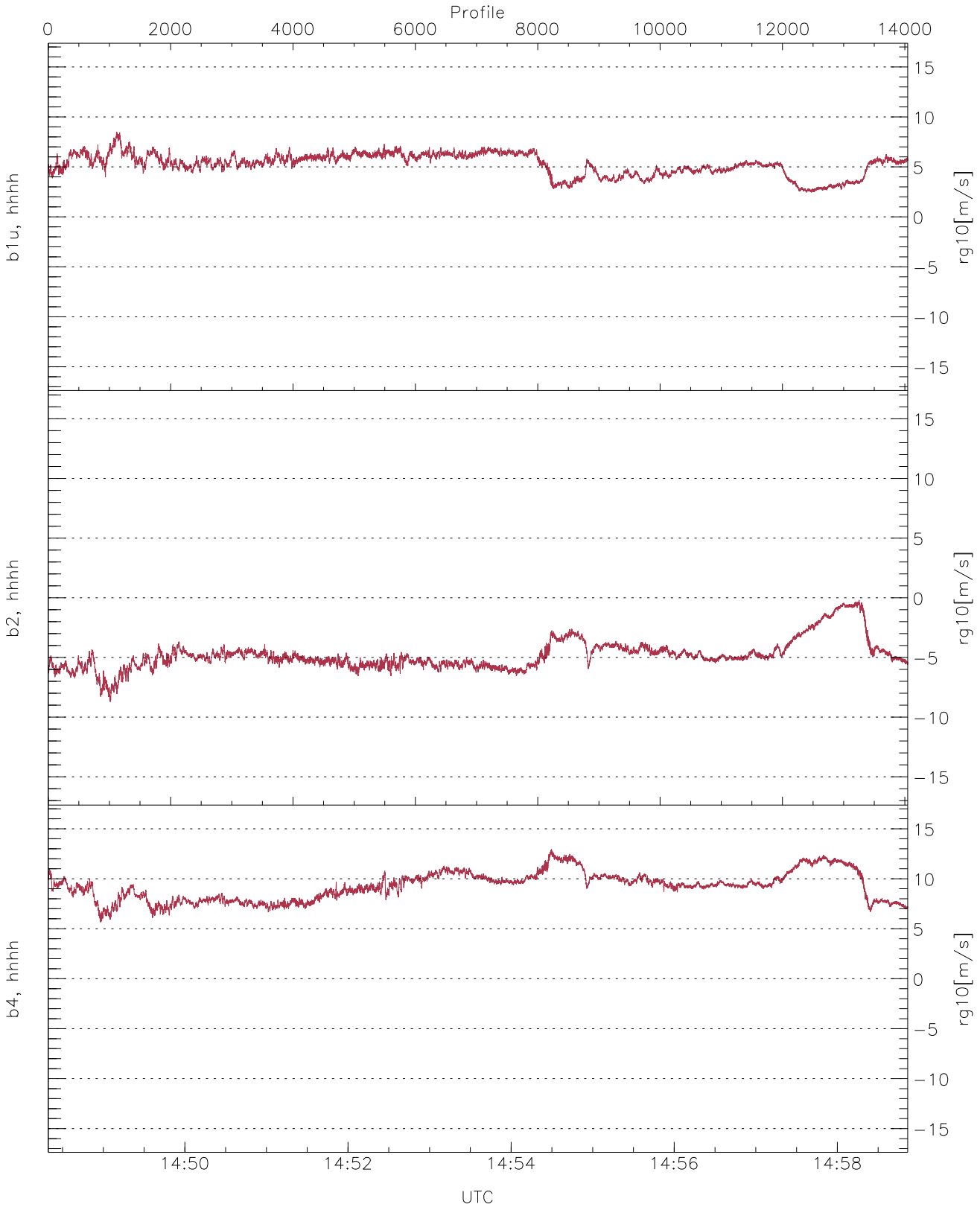


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

	Min	Max	Mean
up(hh[dBm])	-49.61	-6.12	-13.04
down(hh[dBm])	-49.69	-7.64	-15.60
down-fore(hh[dBm])	-55.27	-12.40	-20.98



WCR3 CPP Doppler Velocity Products at 255.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg10[m/s])	2.44	8.51	5.25	1.12
b2, hhhh(rg10[m/s])	-8.72	-0.19	-4.79	1.27
b4, hhhh(rg10[m/s])	5.67	12.95	9.27	1.42