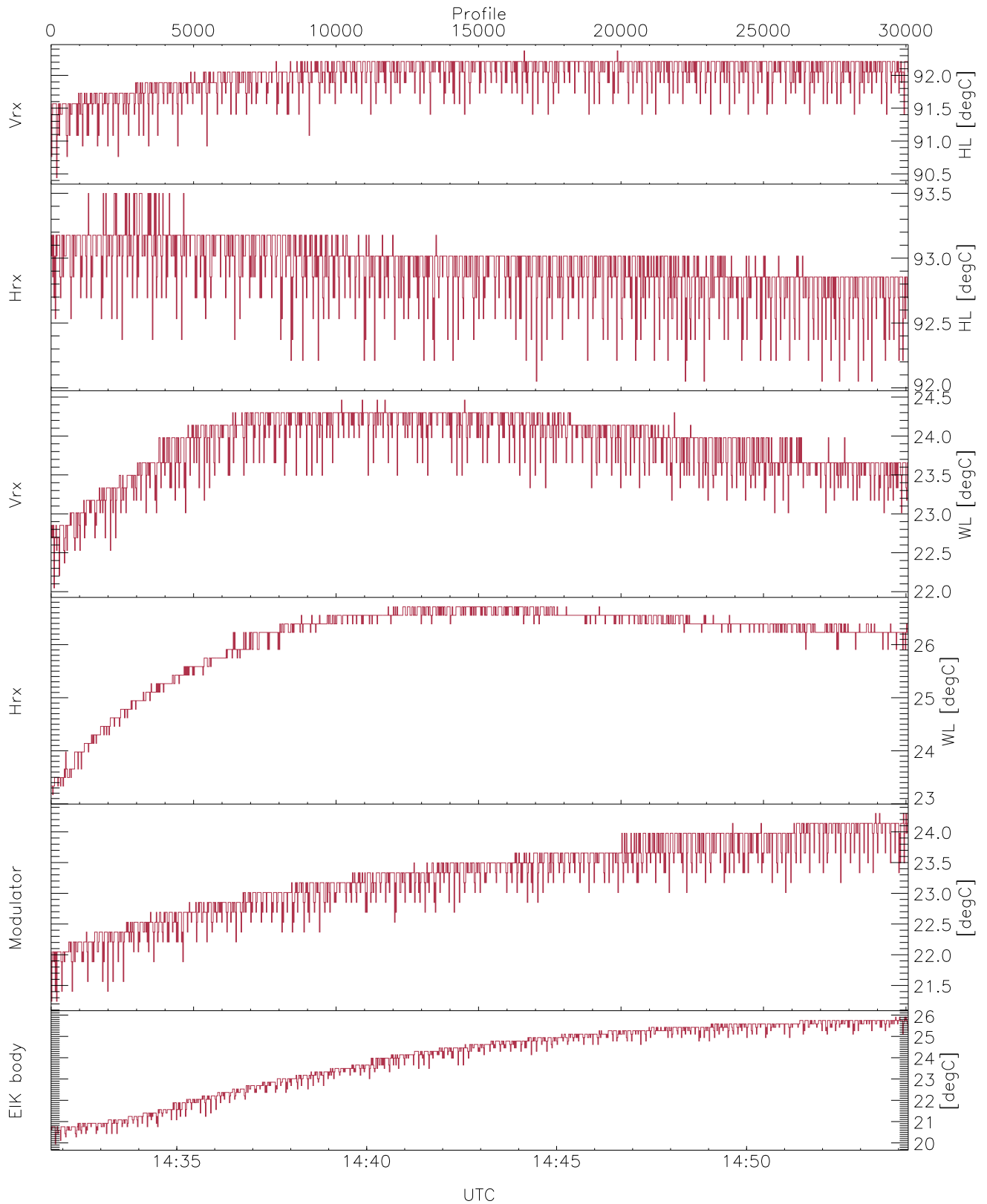


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

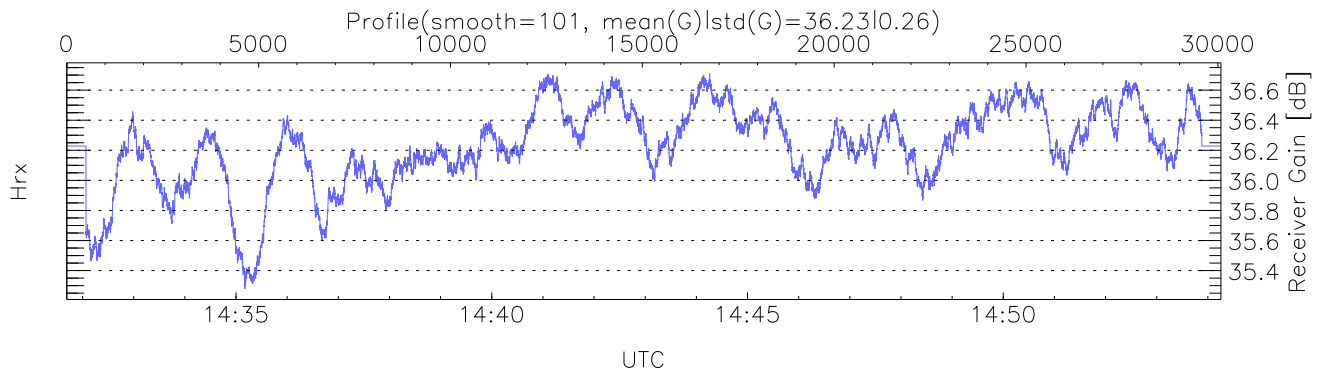
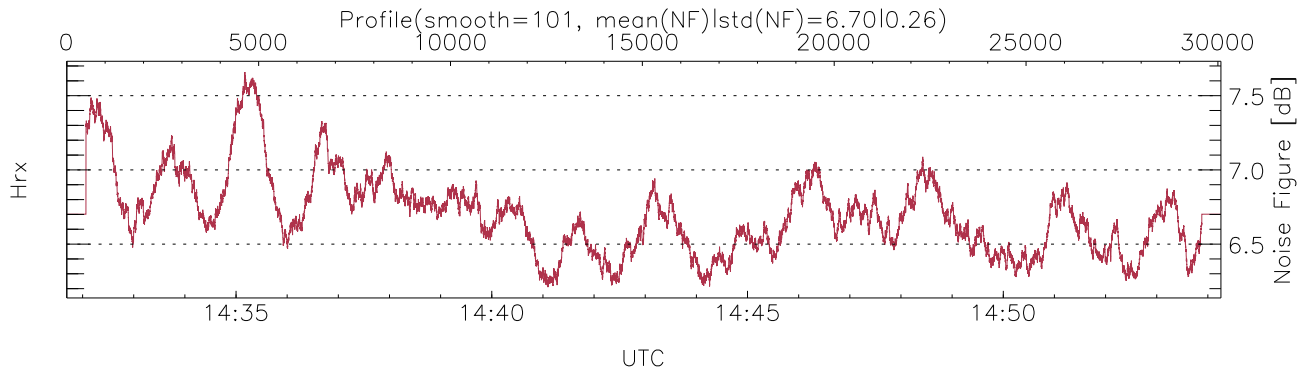
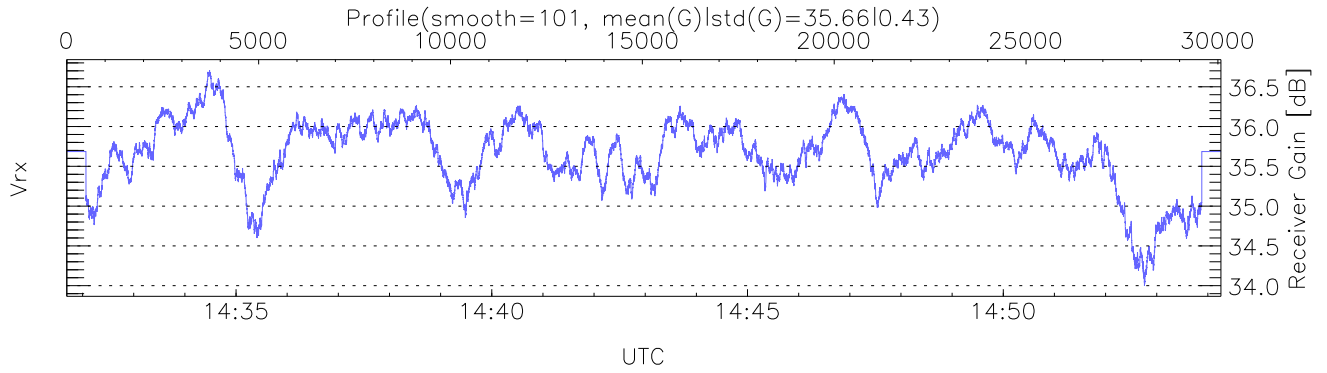
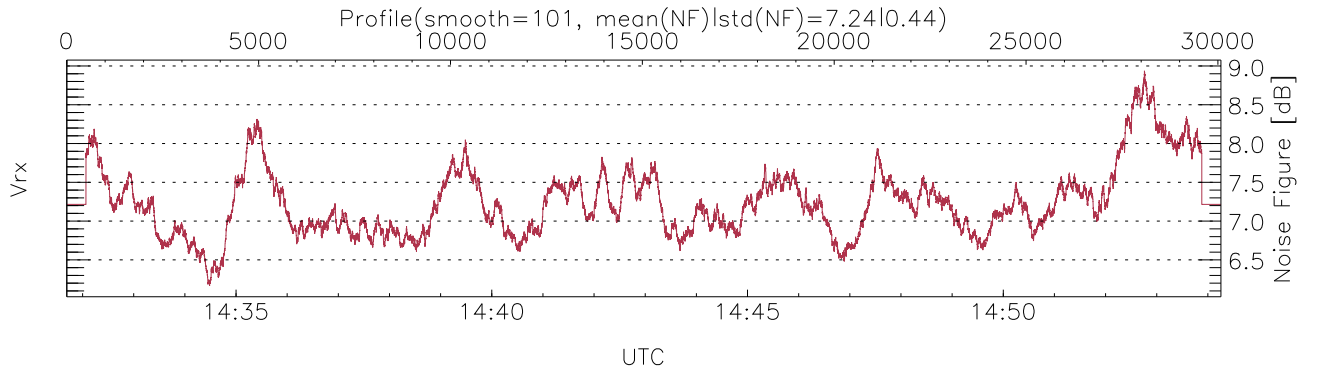
UTC: 14:31:41-14:54:15, TimeCor: 0.00s, Dur: 1353.89s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 30080/30080, 0-30079/14:31:41-14:54:15
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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

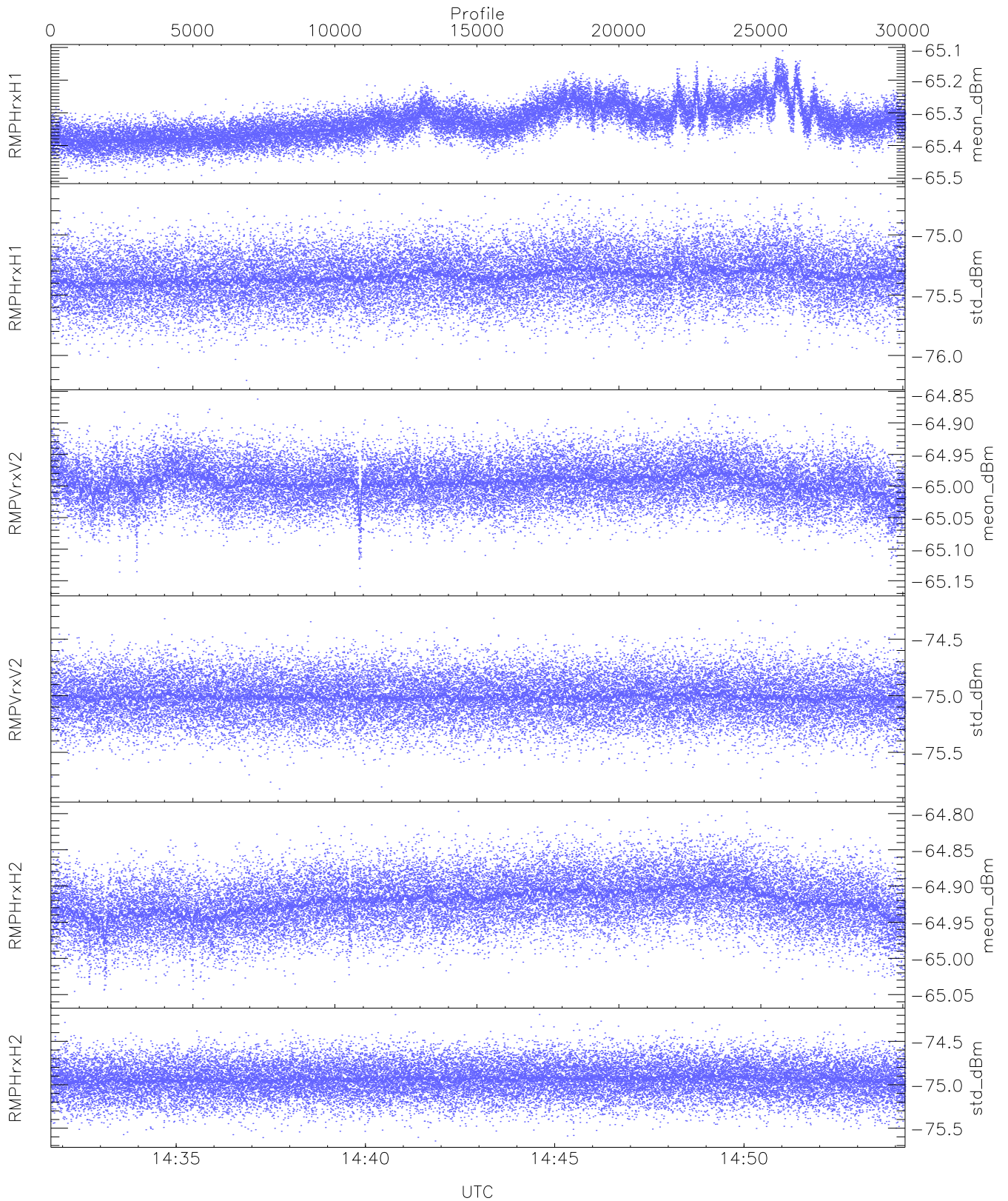
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,23,21,19
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,24,25
 LOalarm(20,240,2817,14861 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,46,46,46,46,46)



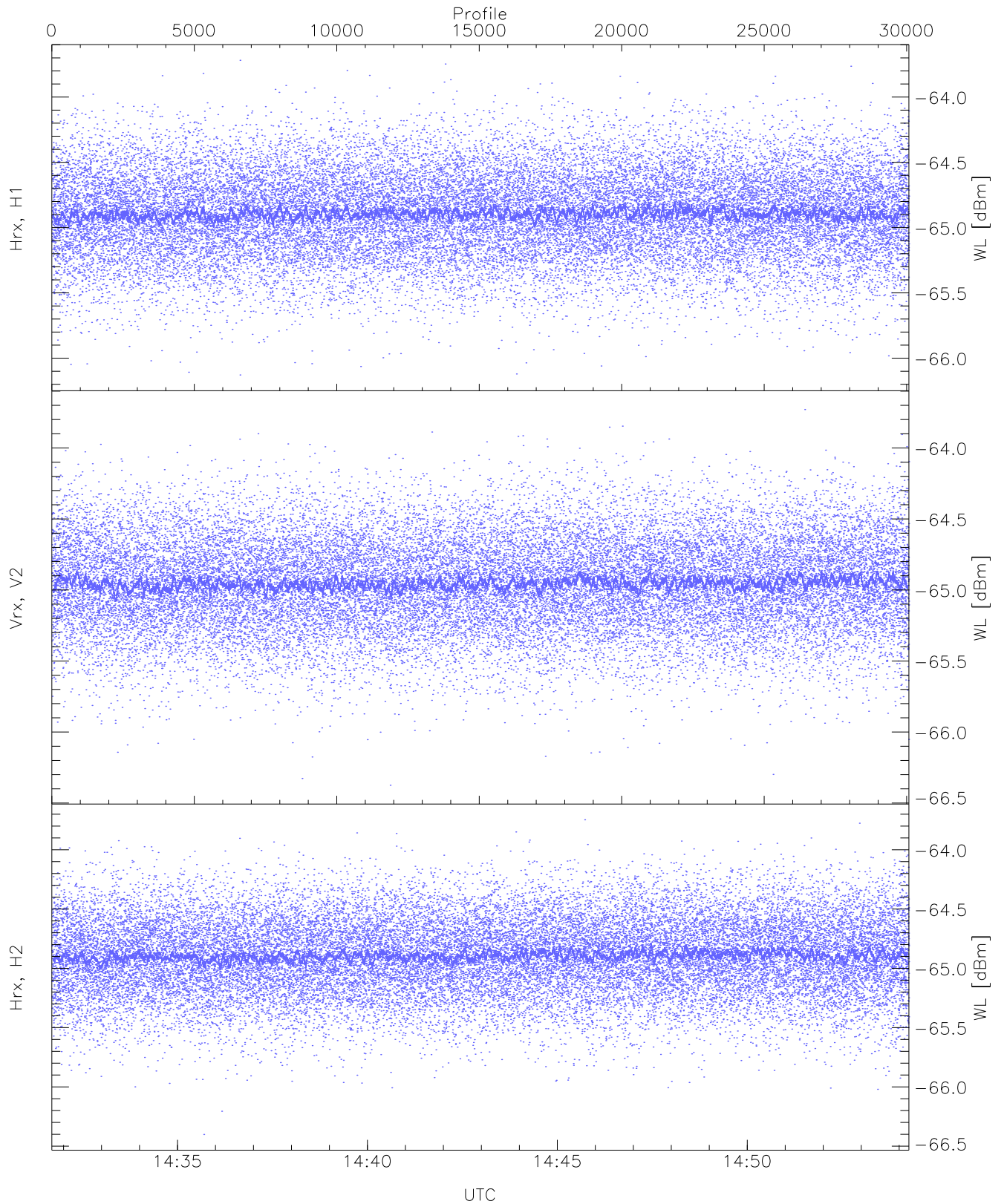
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 7 pixs, 1 gates, 7 profs, 1 prod(s)



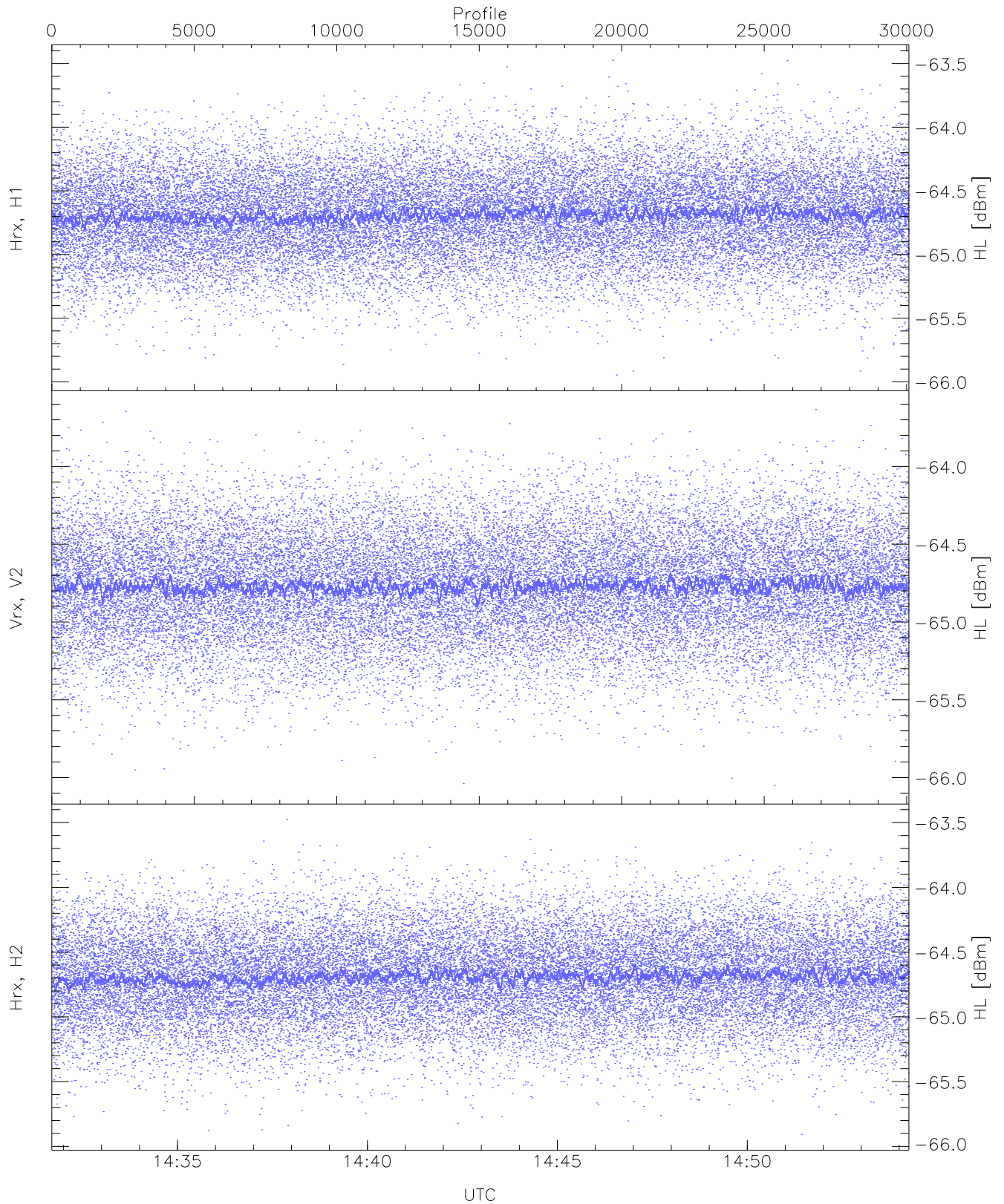
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.11	-65.33	-65.33	-84.38
RMPHrxH1(std_dBm)	-76.21	-74.65	-75.34	-75.35	-89.03
RMPVrxV2(mean_dBm)	-65.16	-64.86	-64.99	-64.99	-86.36
RMPVrxV2(std_dBm)	-75.86	-74.20	-75.01	-75.01	-88.81
RMPHrxH2(mean_dBm)	-65.06	-64.80	-64.92	-64.92	-86.10
RMPHrxH2(std_dBm)	-75.65	-74.19	-74.94	-74.94	-88.75



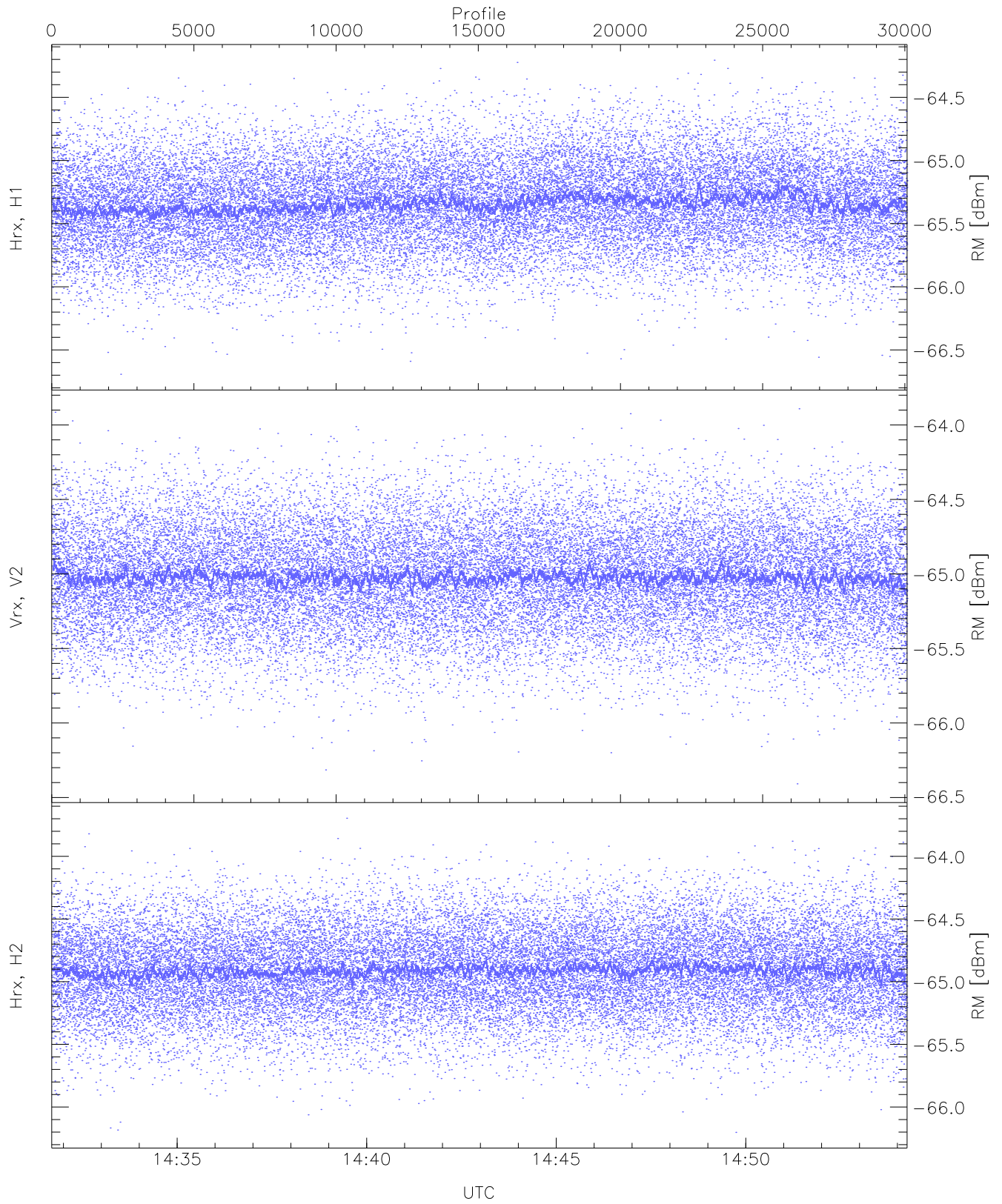
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.13	-63.72	-64.89	-64.89	-76.38
Vrx, V2 (WL [dBm])	-66.37	-63.73	-64.95	-64.96	-76.47
Hrx, H2 (WL [dBm])	-66.40	-63.75	-64.89	-64.90	-76.41



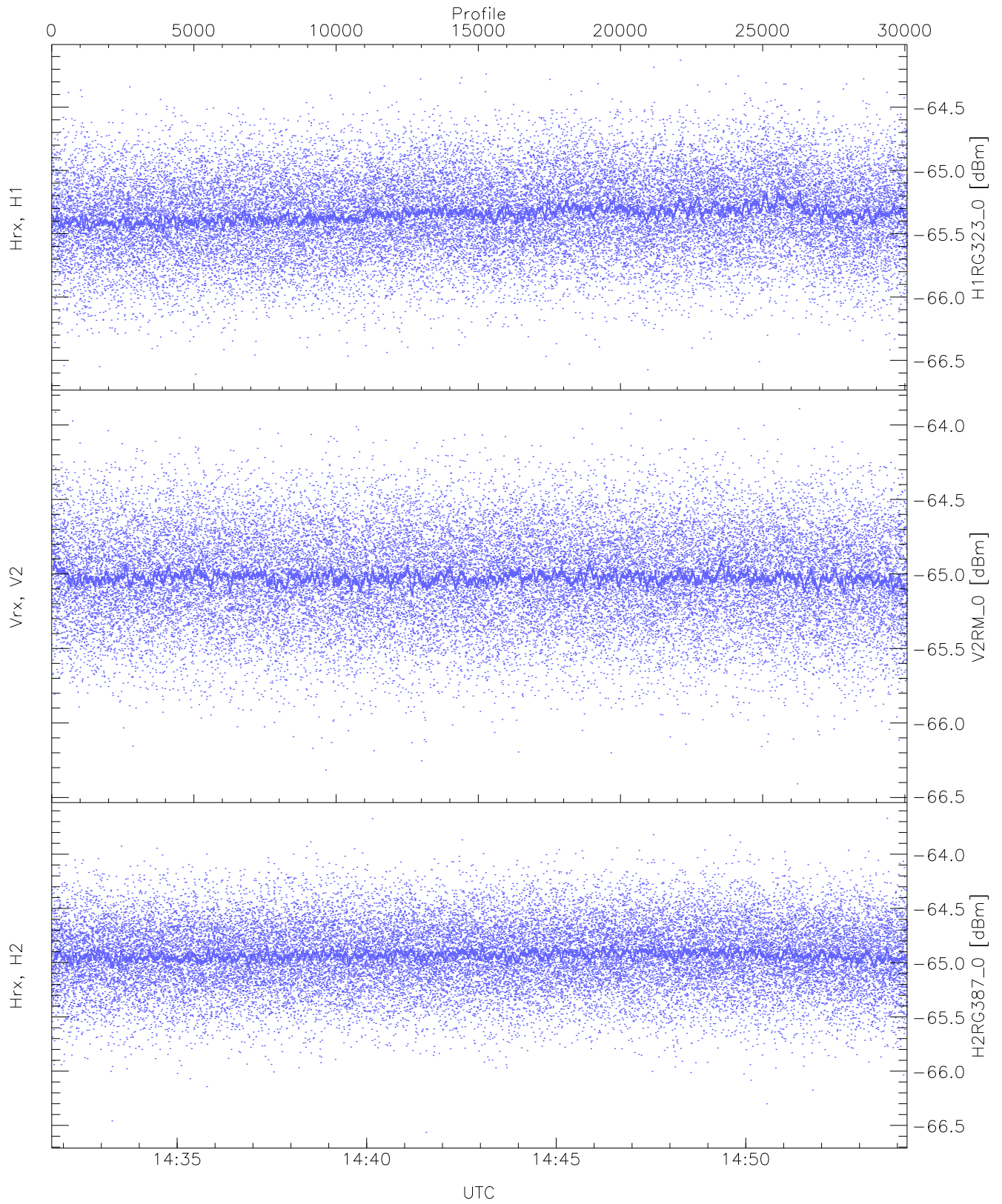
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.95	-63.47	-64.69	-64.69	-76.17
Vrx, V2 (HL [dBm])	-66.05	-63.63	-64.76	-64.77	-76.26
Hrx, H2 (HL [dBm])	-65.91	-63.48	-64.69	-64.69	-76.21



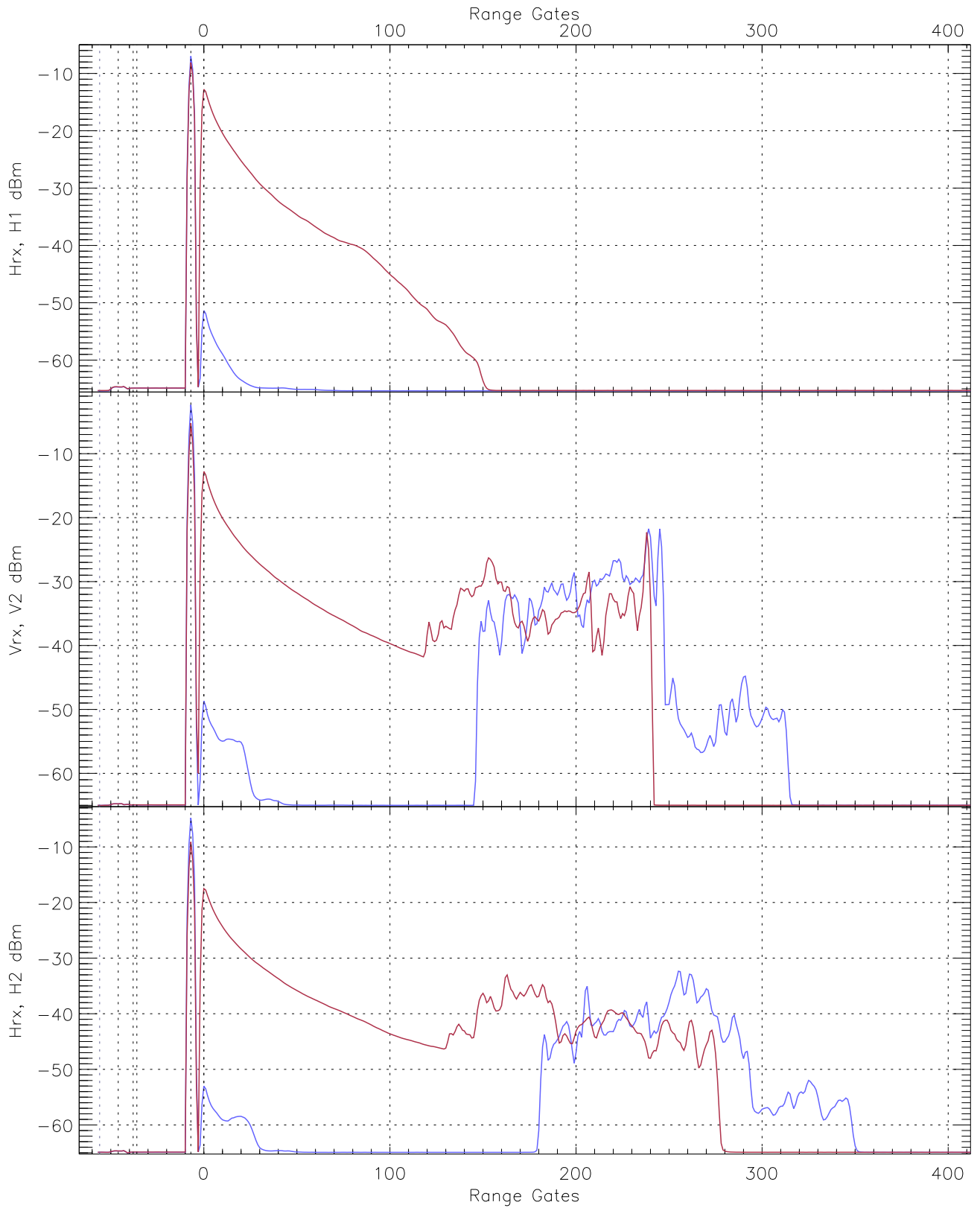
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.69	-64.21	-65.34	-65.35	-76.77
Vrx, V2 (RM [dBm])	-66.41	-63.89	-65.02	-65.02	-76.53
Hrx, H2 (RM [dBm])	-66.20	-63.70	-64.91	-64.91	-76.42

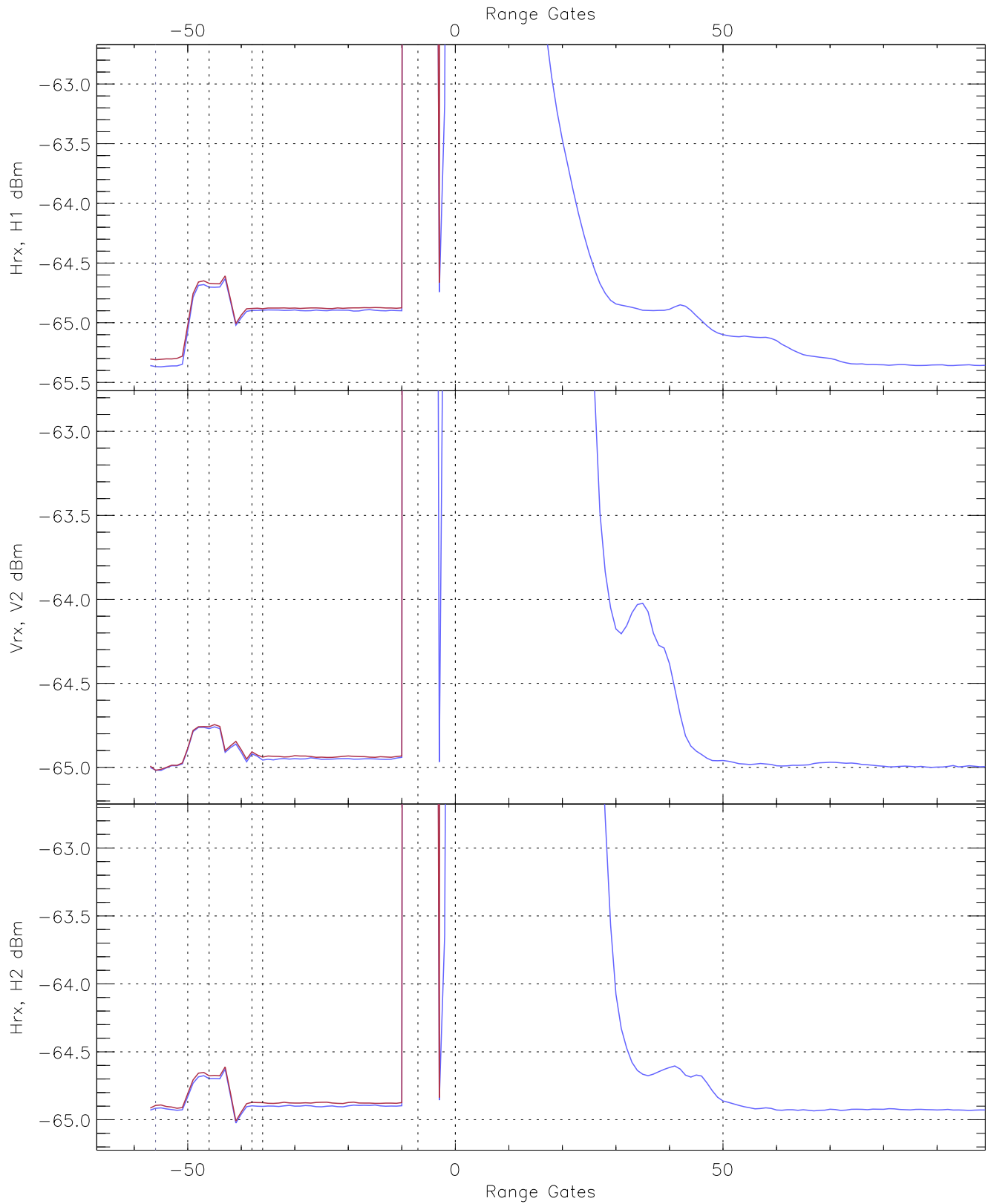


WCR3 CPP "Best" estimate Receivers Noise Power

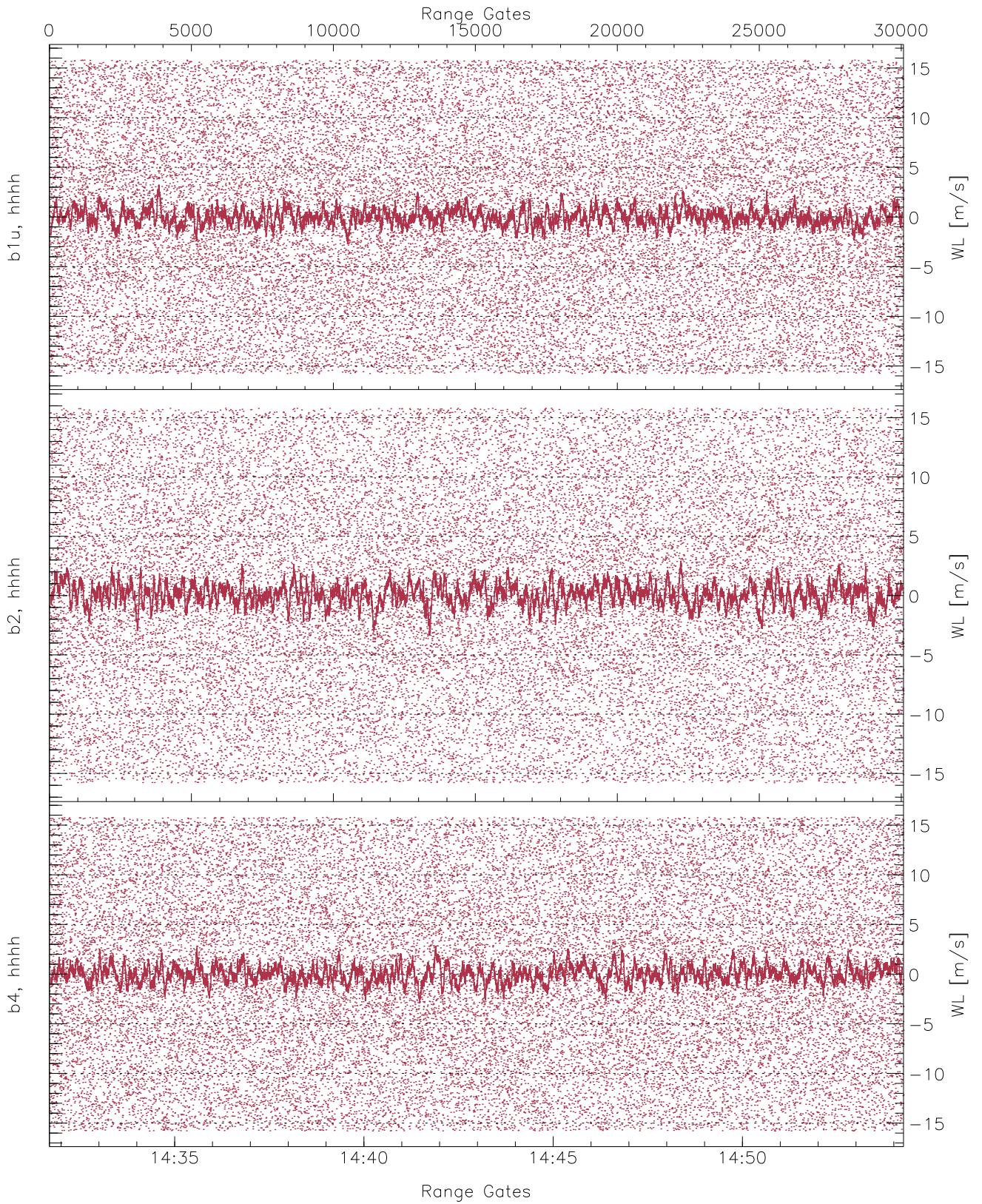
	Min	Max	Mean	Median	StDev
H1RG323_0 [dBm]	-66.61	-64.13	-65.34	-65.35	-76.80
V2RM_0 [dBm]	-66.41	-63.89	-65.02	-65.02	-76.53
H2RG387_0 [dBm]	-66.56	-63.67	-64.93	-64.93	-76.42



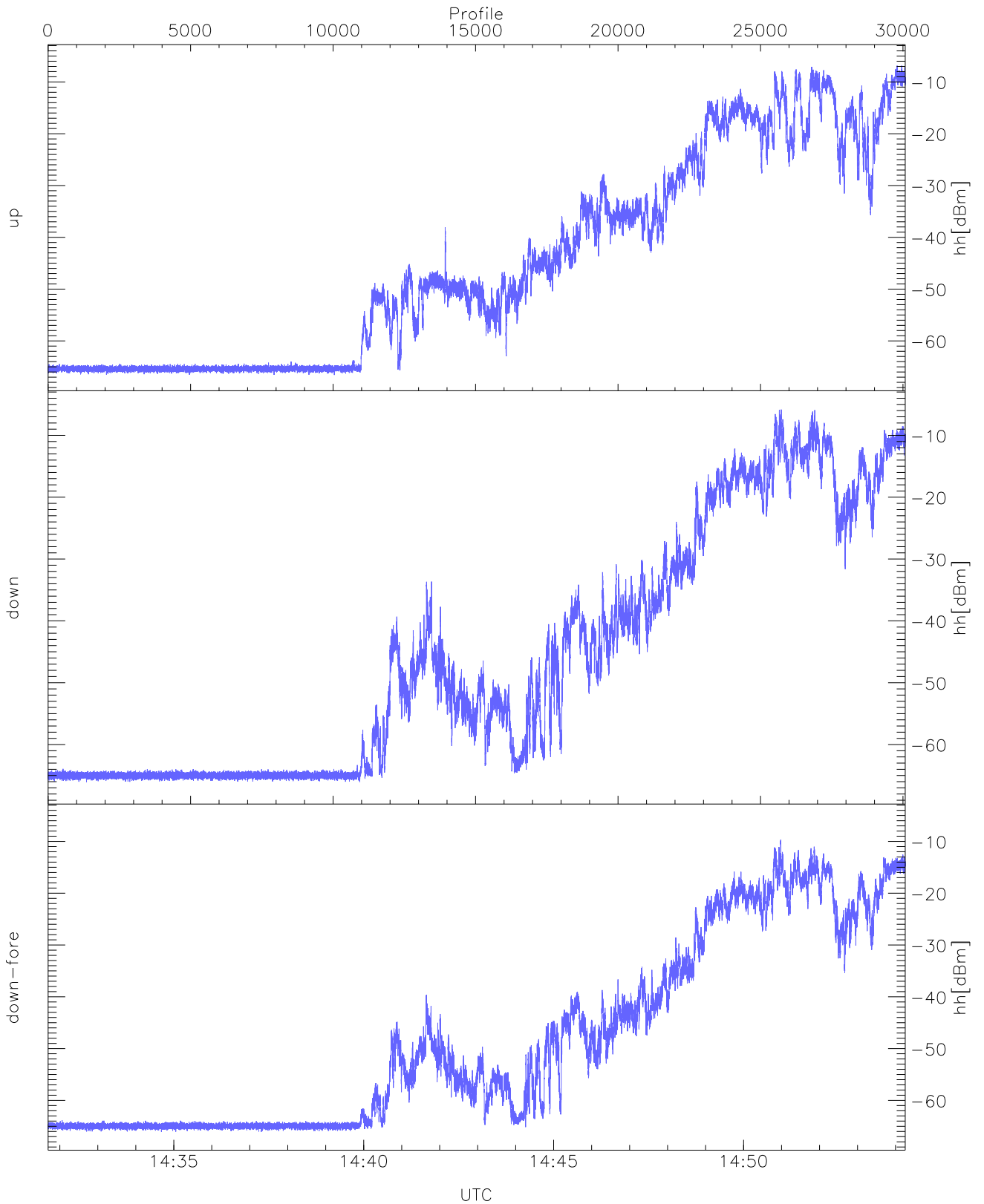
WCR3 CPP Averaged Received power for all recorded gates
blue: 143141-144258, 15041 profiles averaged
red: 144258-145415, 15040 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 143141-144258, 15041 profiles averaged
red: 144258-145415, 15040 profiles averaged

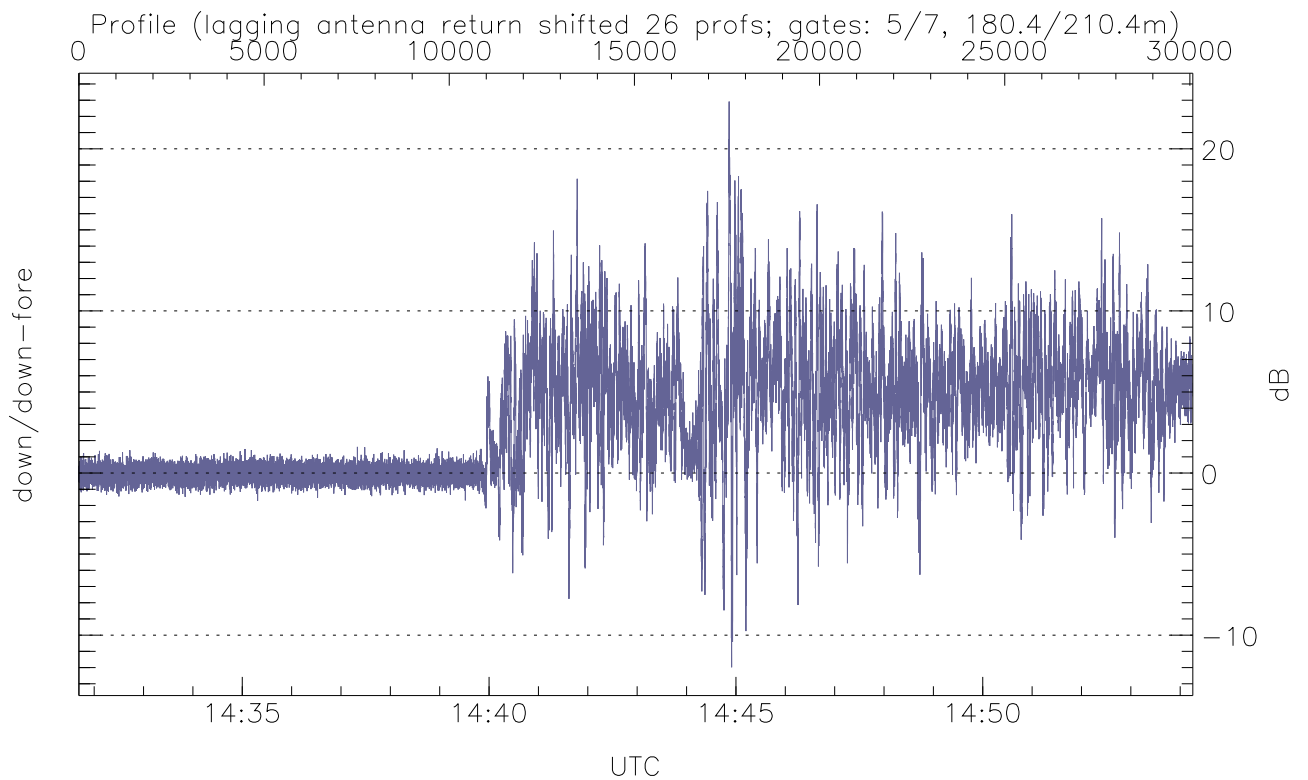
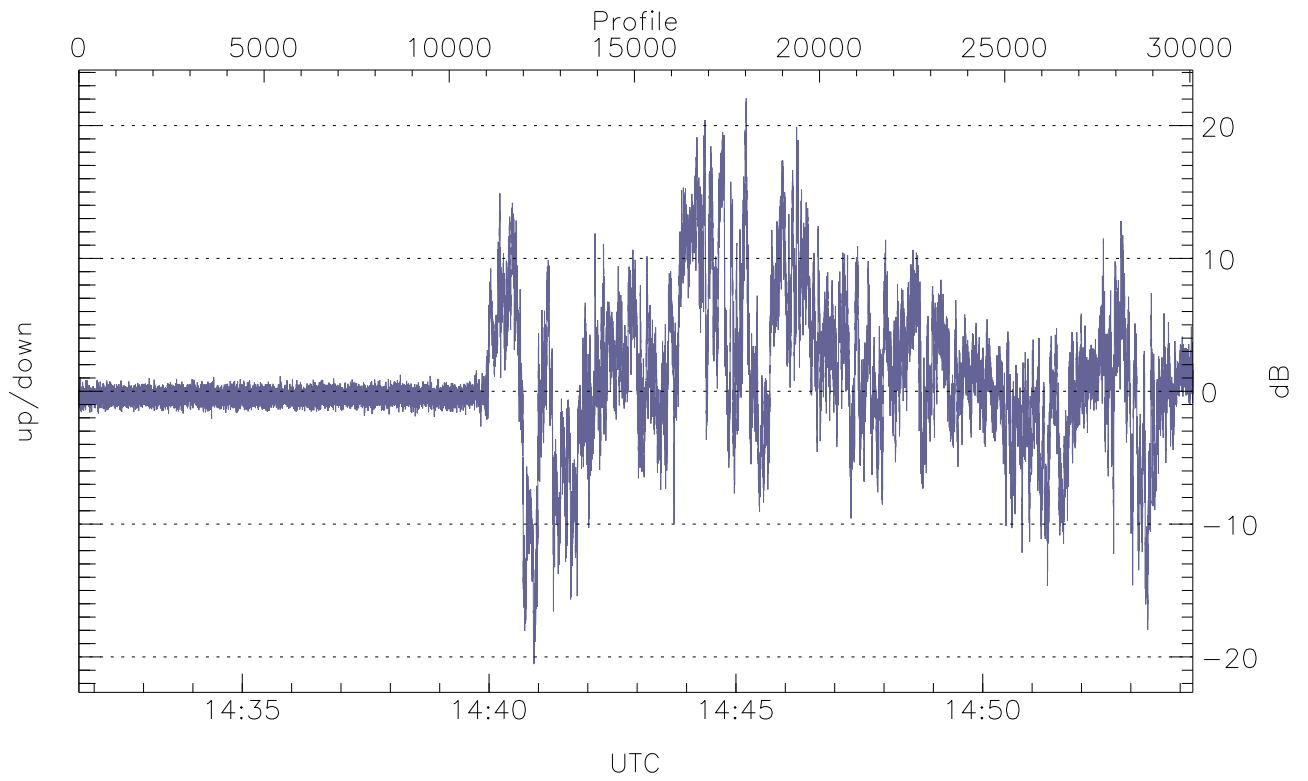


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



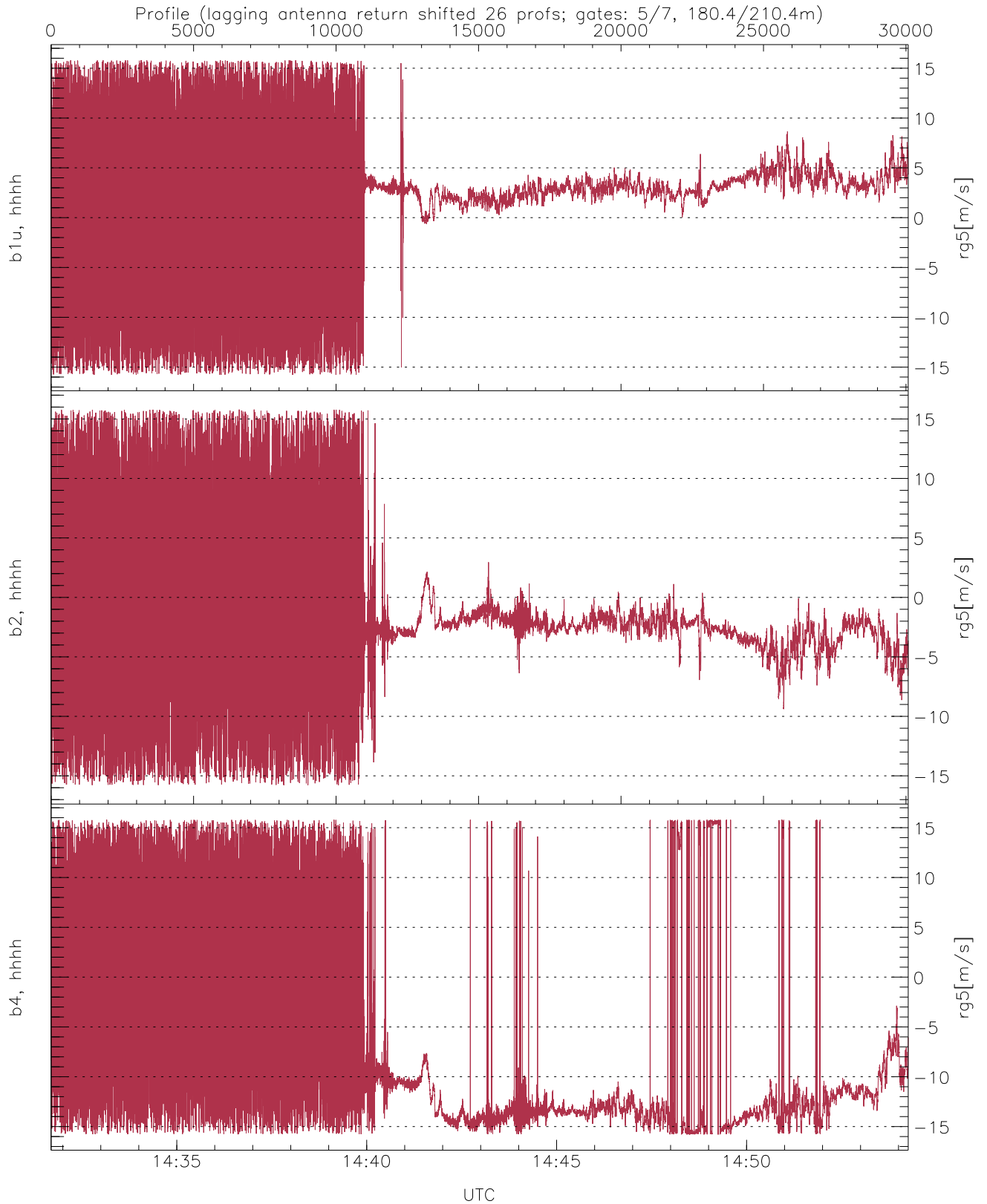
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.58	-6.85	-20.10
down(hh[dBm])	-66.06	-5.82	-20.05
down-fore(hh[dBm])	-66.09	-9.65	-24.33



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

	Min	Max	Mean
up/down (dB)	-20.54	22.05	0.82
down/down-fore (dB)	-11.98	22.92	3.19



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.96	5.51
b2, hhhh(rg5[m/s])	-15.79	15.79	-1.67	5.31
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.32	9.07