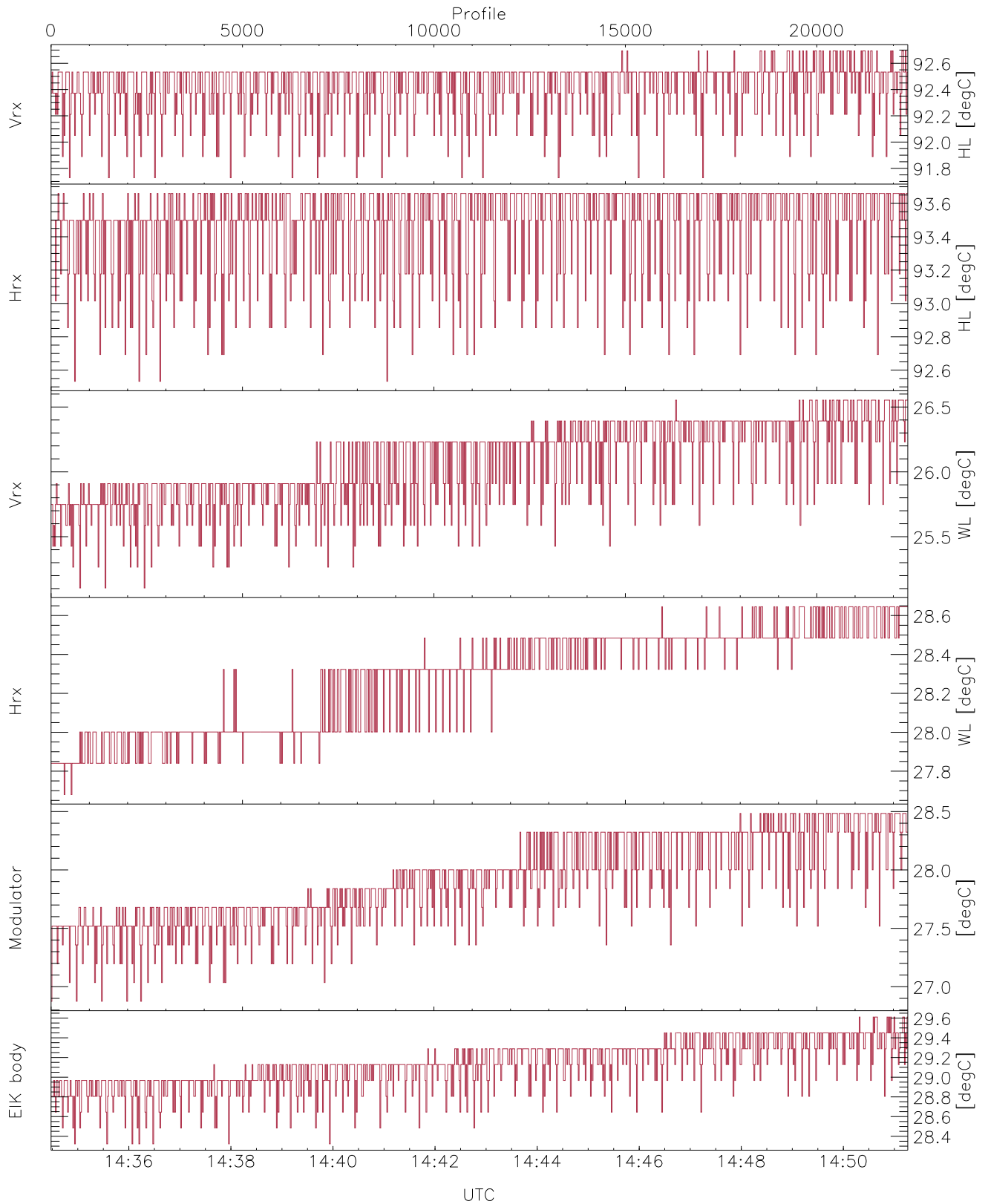


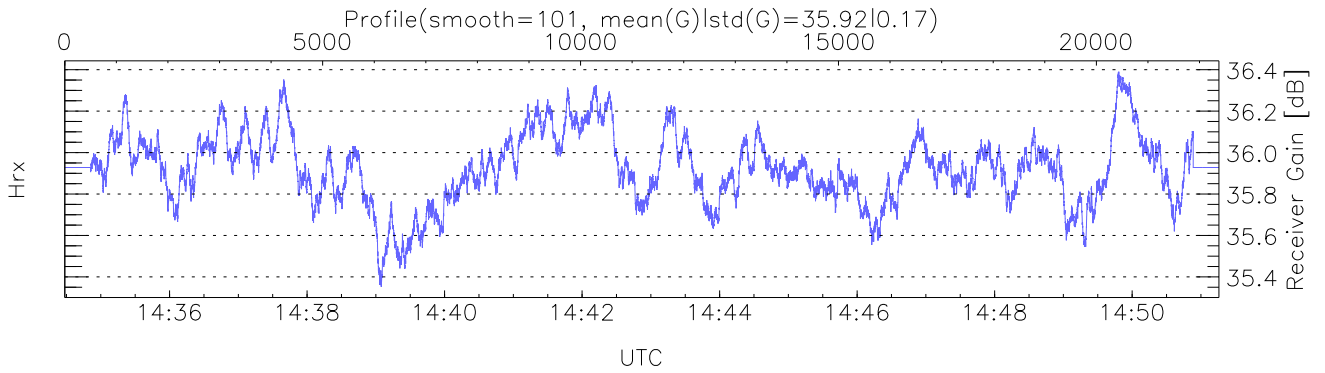
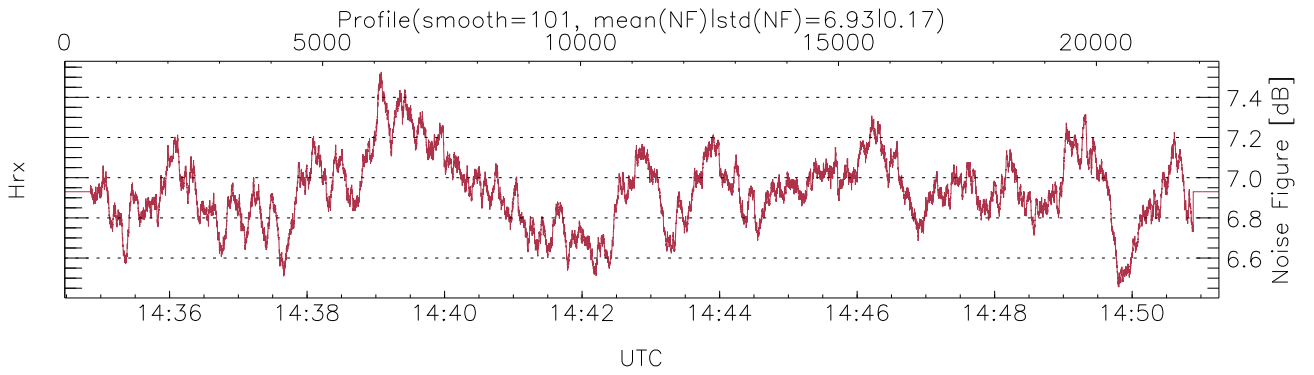
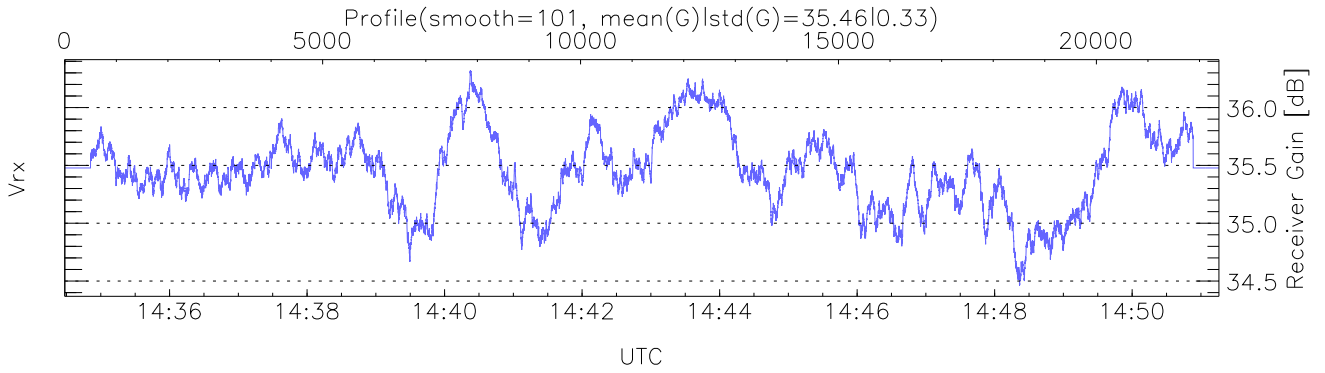
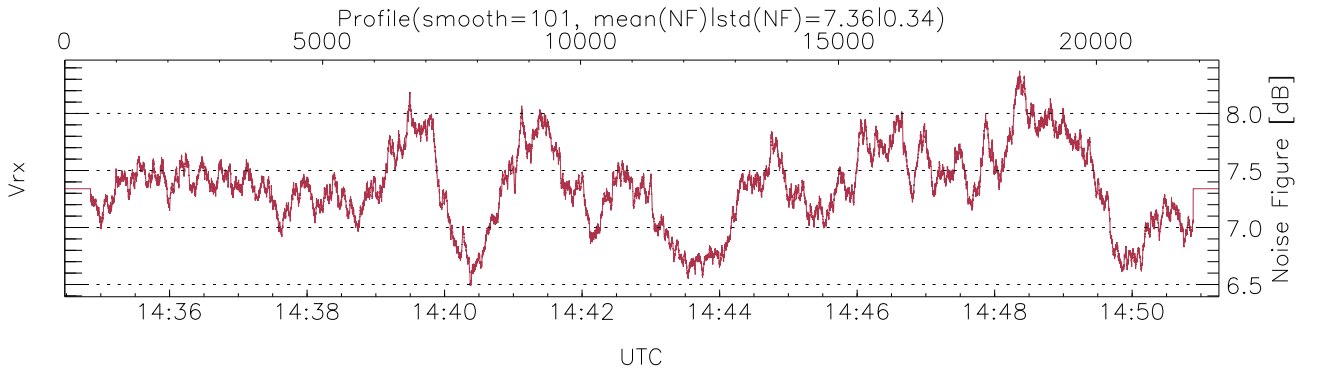
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:34:29-14:51:16, TimeCor: 0.00s, Dur: 1007.22s  
 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): 22378/22378, 0-22377/14:34:29-14:51:16  
 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



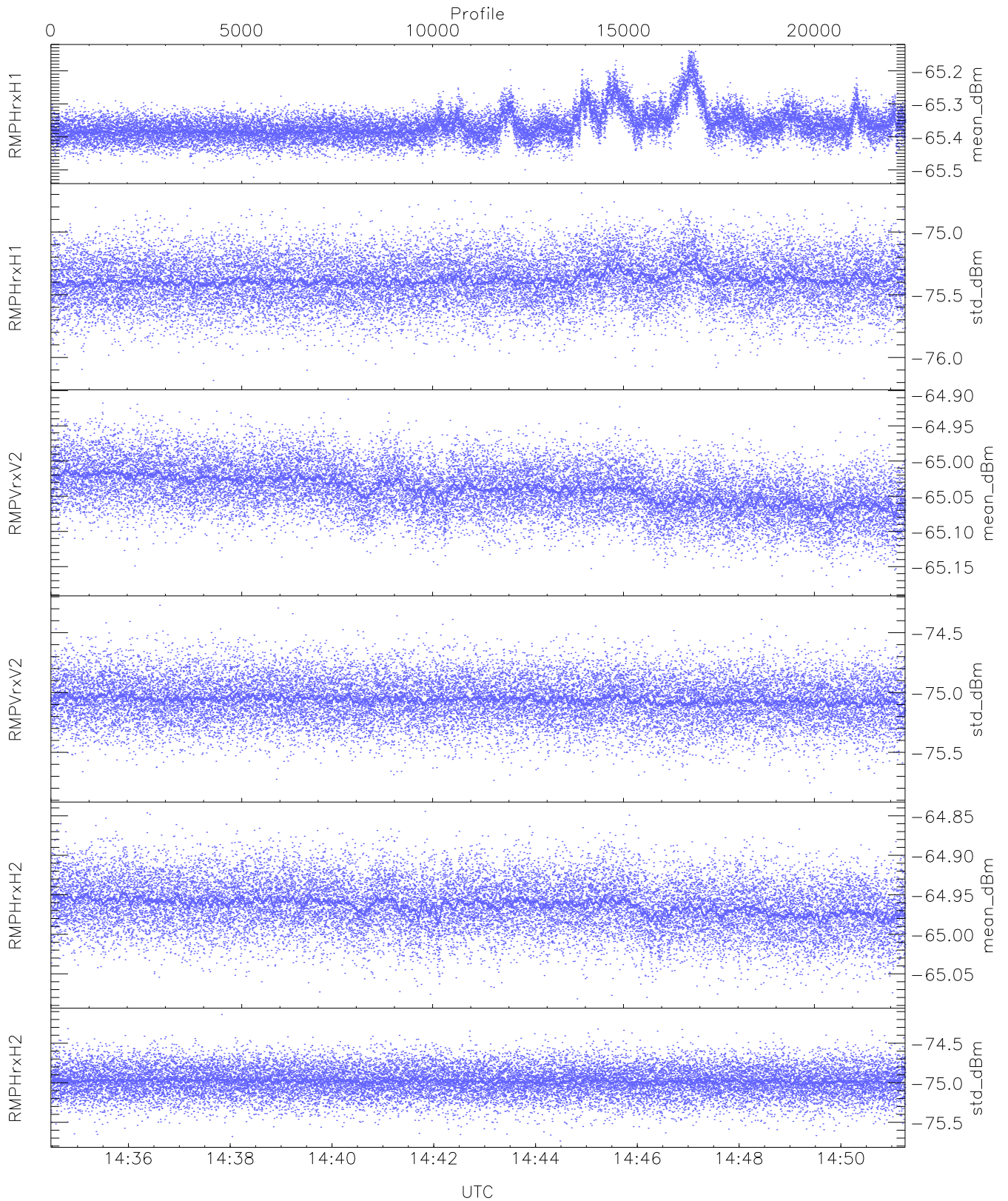
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,26,28`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,28,29`  
`LOalarm(20,240,2817,14861 MHz): 0,0,48,0`  
`EIK/Modulator Faults: None`



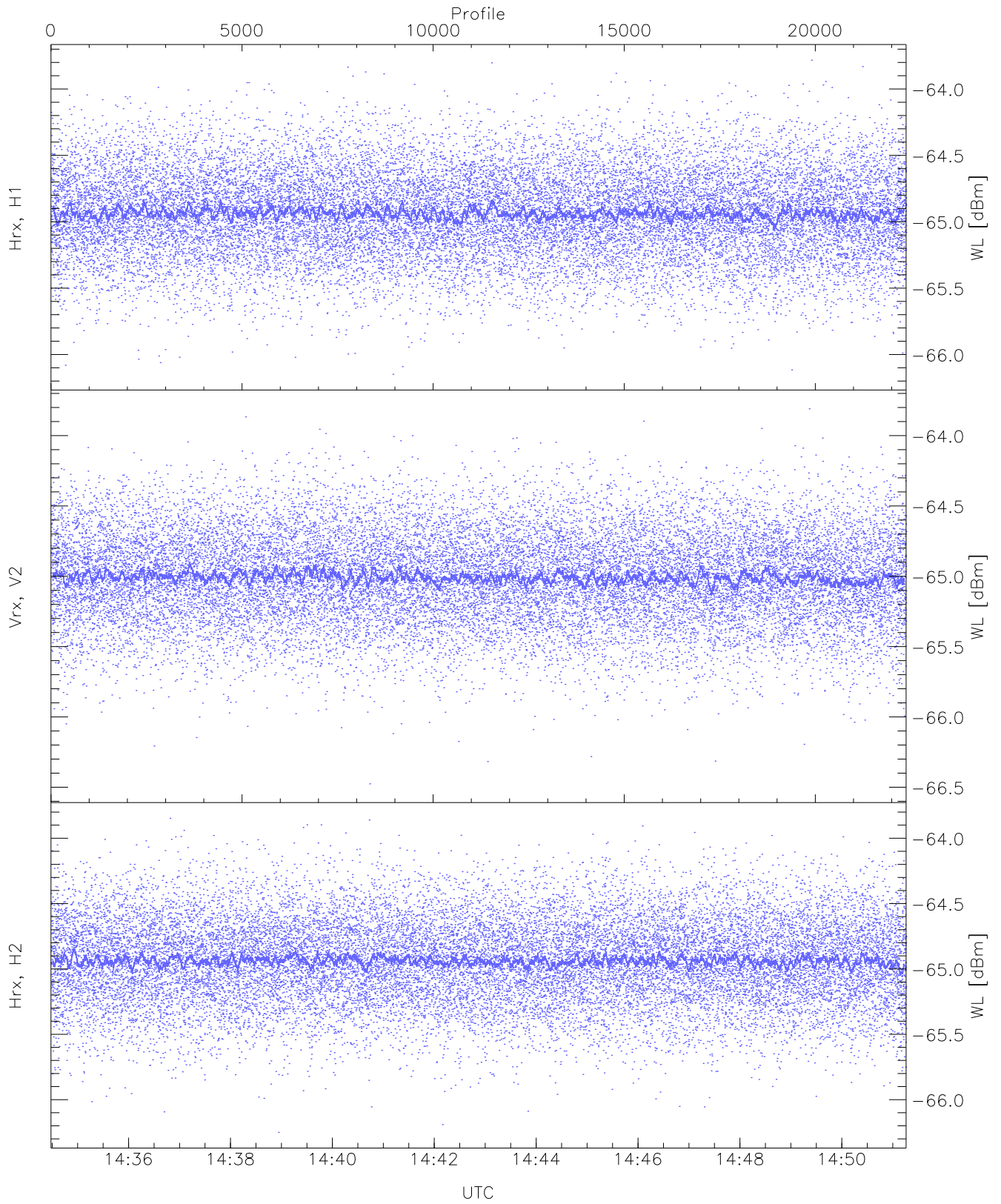
### WCR3 CPP Receivers Gain and Noise Figure

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



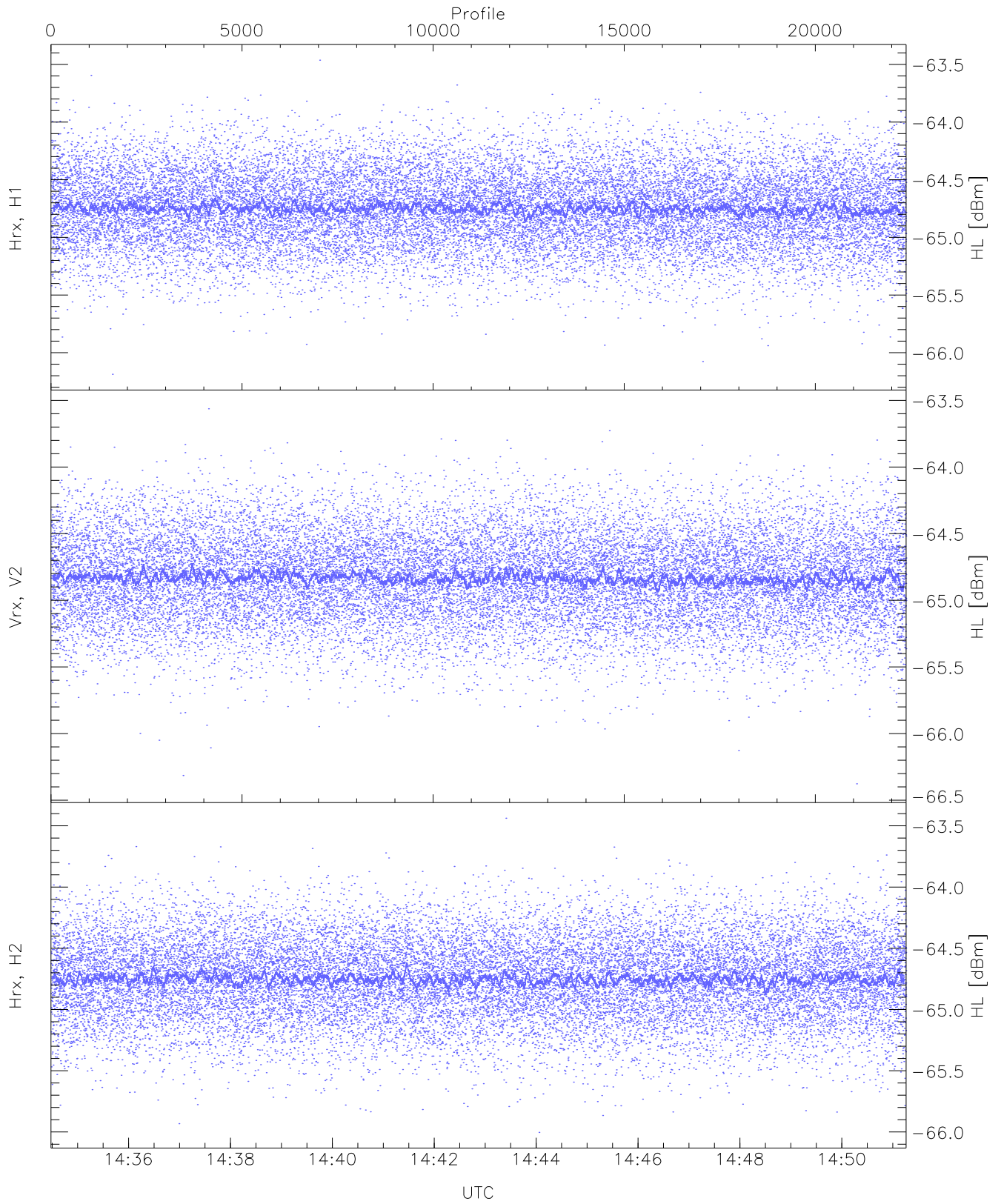
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.14	-65.36	-65.37	-85.12
RMPHrxH1(std_dBm)	-76.18	-74.69	-75.38	-75.38	-89.09
RMPVrxV2(mean_dBm)	-65.18	-64.91	-65.04	-65.04	-86.04
RMPVrxV2(std_dBm)	-75.84	-74.27	-75.06	-75.06	-88.82
RMPHrxH2(mean_dBm)	-65.08	-64.84	-64.96	-64.96	-86.41
RMPHrxH2(std_dBm)	-75.74	-74.14	-74.98	-74.98	-88.75



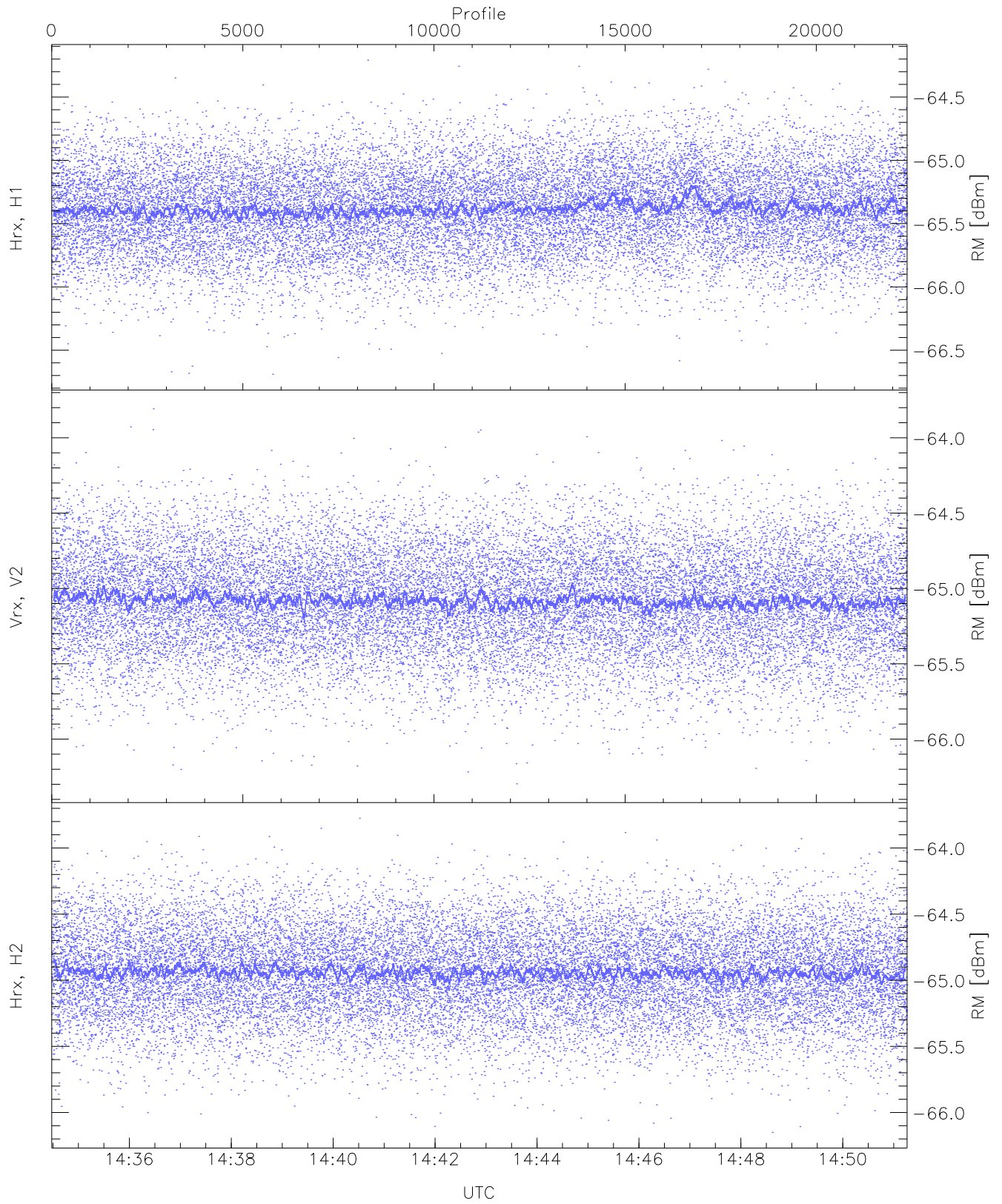
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.15	-63.78	-64.93	-64.94	-76.41
Vrx, V2 (WL [dBm])	-66.48	-63.81	-65.00	-65.01	-76.51
Hrx, H2 (WL [dBm])	-66.25	-63.85	-64.93	-64.94	-76.44



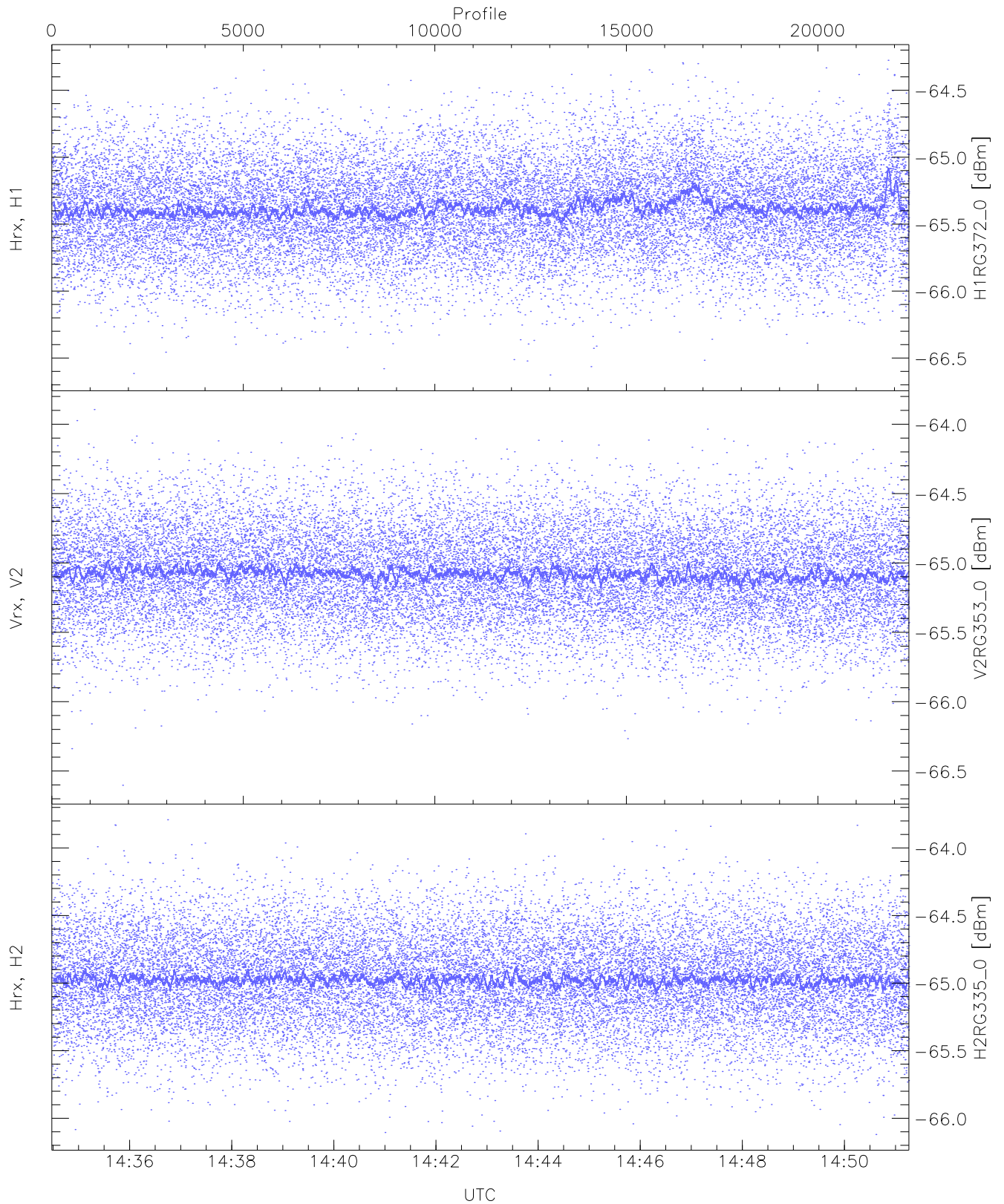
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.19	-63.46	-64.74	-64.75	-76.25
Vrx, V2 (HL [dBm])	-66.38	-63.56	-64.83	-64.83	-76.33
Hrx, H2 (HL [dBm])	-66.00	-63.44	-64.74	-64.75	-76.24



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

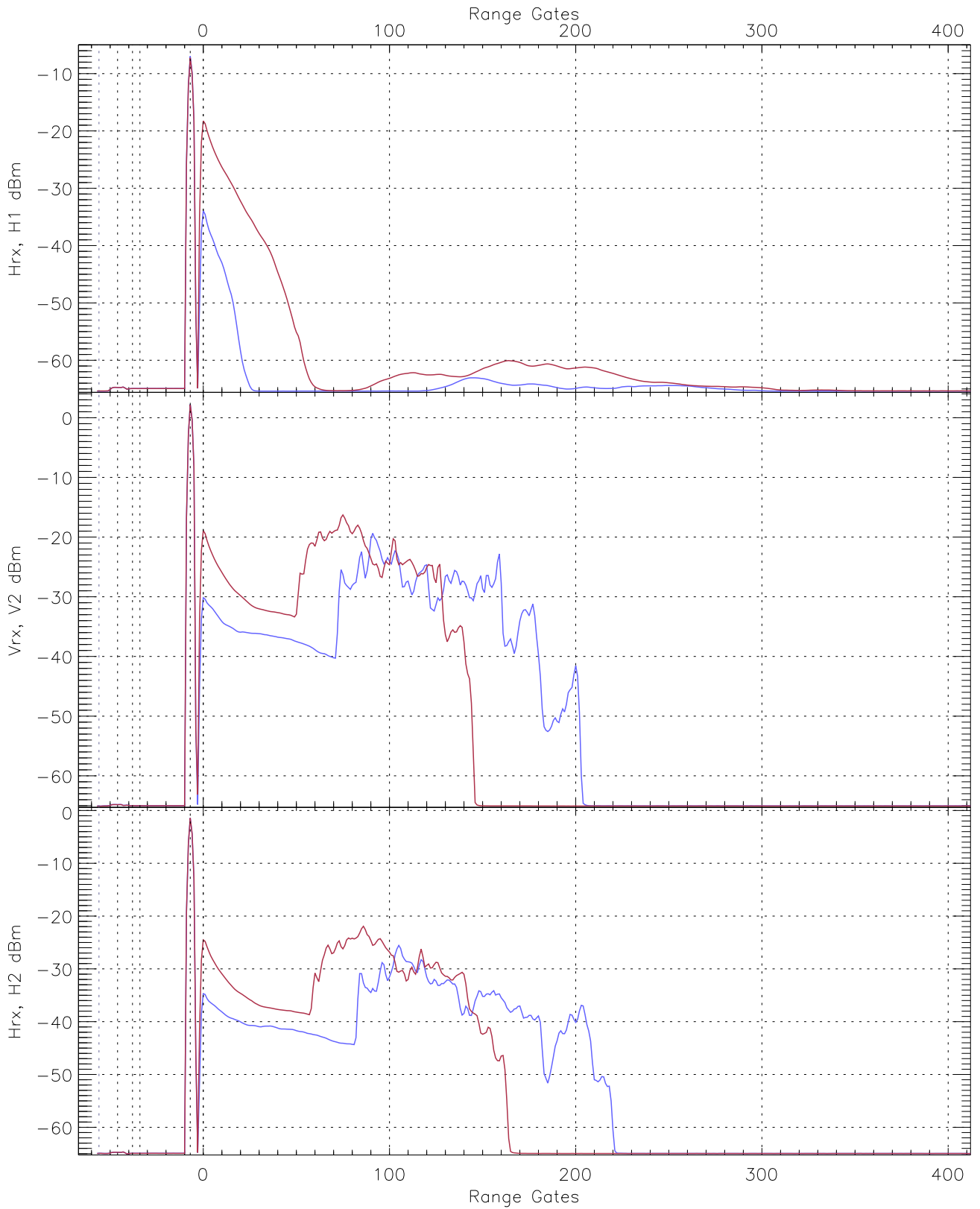
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.69	-64.21	-65.38	-65.38	-76.86
Vrx, V2 (RM [dBm])	-66.30	-63.81	-65.07	-65.08	-76.54
Hrx, H2 (RM [dBm])	-66.15	-63.78	-64.93	-64.94	-76.42



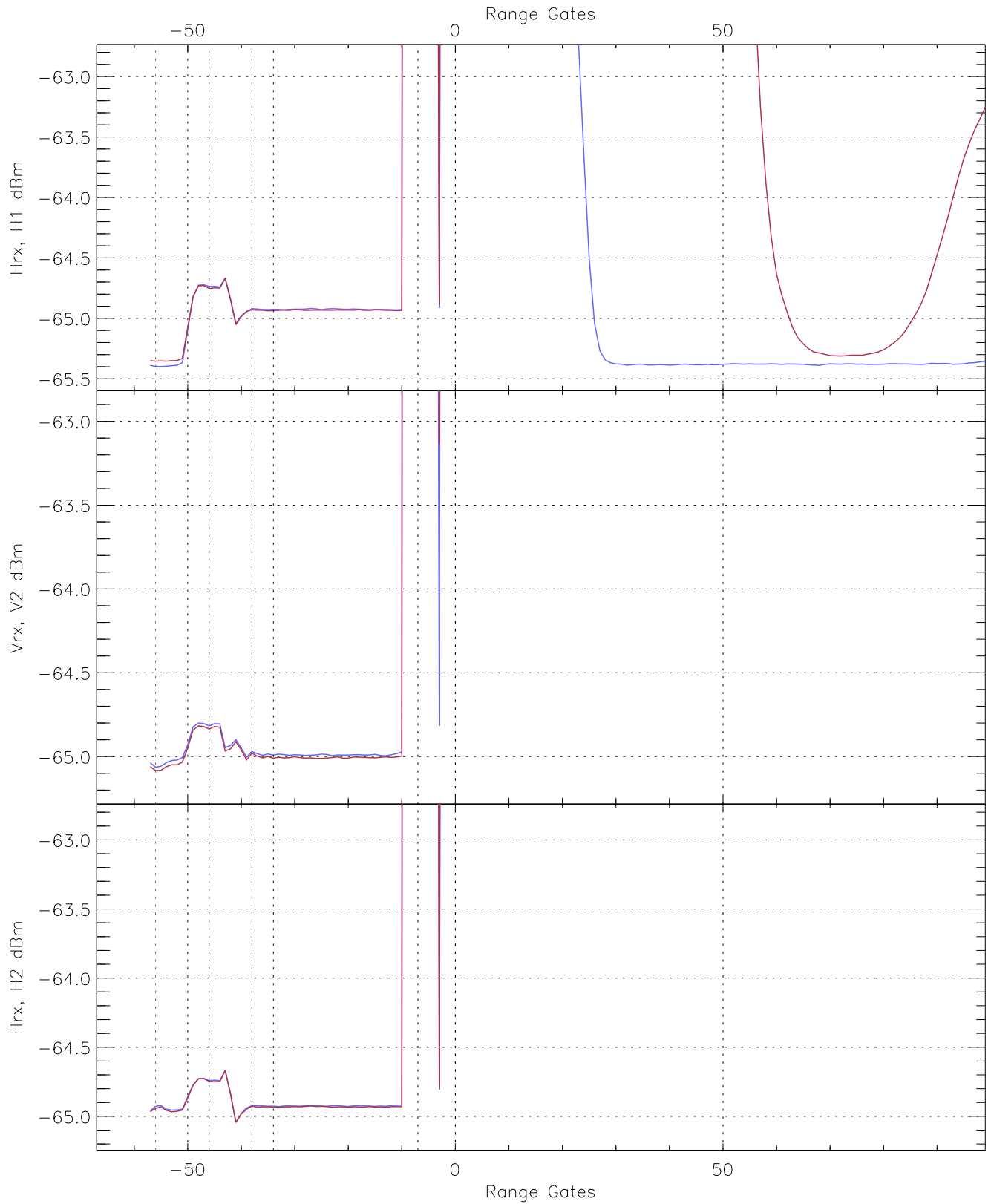
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG372_0 [dBm]	-66.63	-64.28	-65.38	-65.38	-76.83
V2RG353_0 [dBm]	-66.60	-63.89	-65.07	-65.08	-76.60
H2RG335_0 [dBm]	-66.12	-63.79	-64.97	-64.98	-76.44

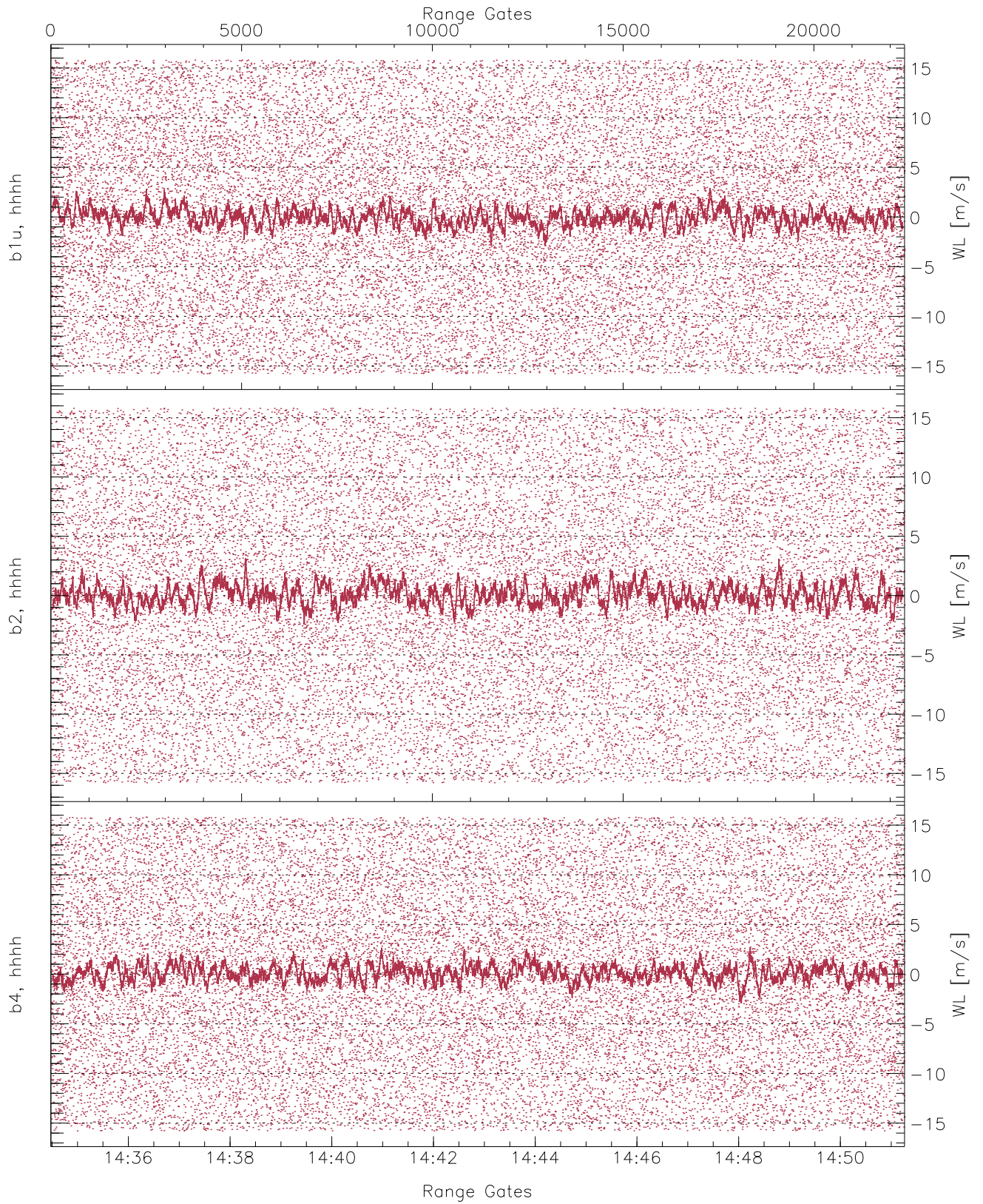




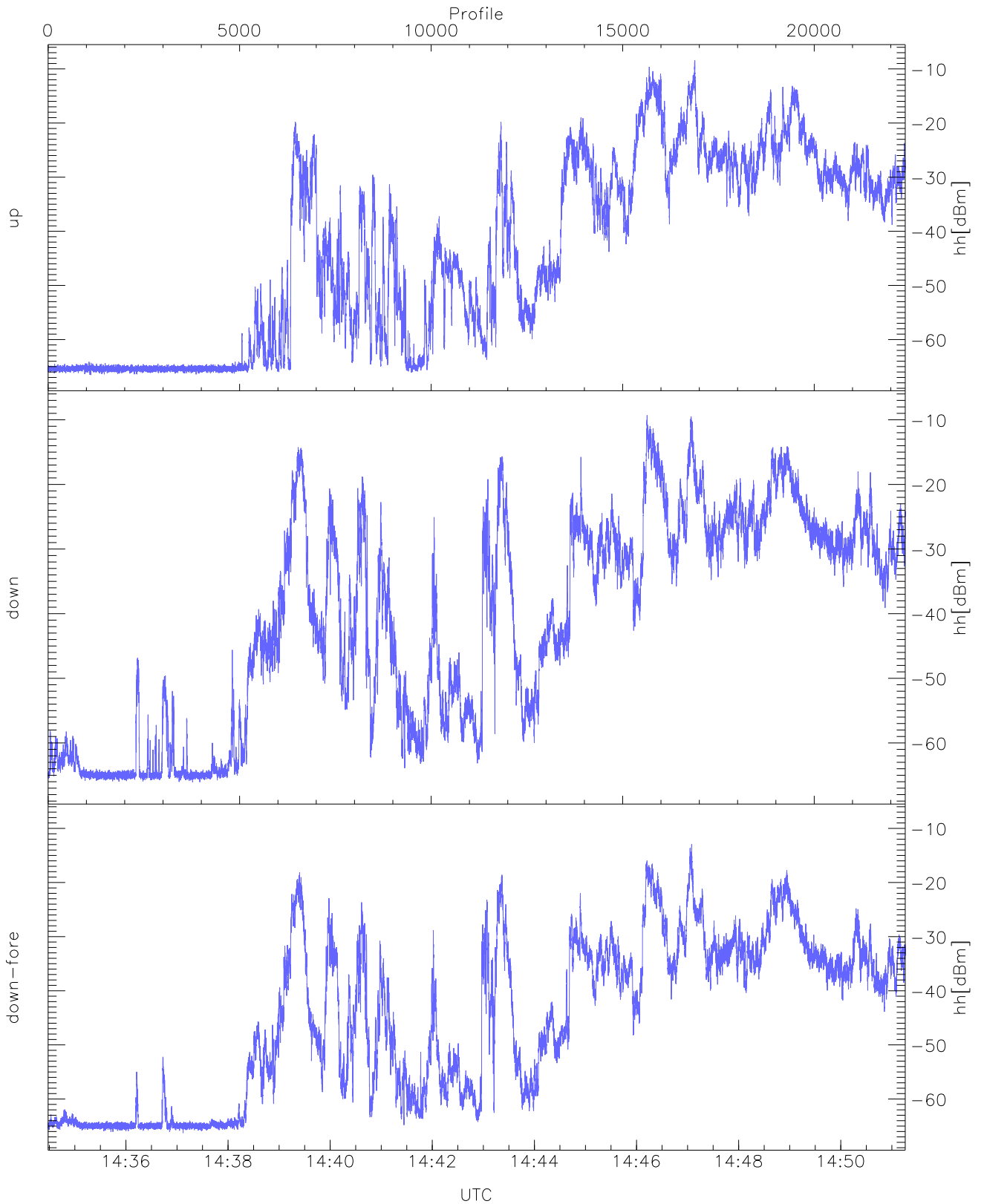
WCR3 CPP Averaged Received power for all recorded gates  
blue: 143429-144252, 11190 profiles averaged  
red: 144252-145116, 11189 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 143429-144252, 11190 profiles averaged  
red: 144252-145116, 11189 profiles averaged

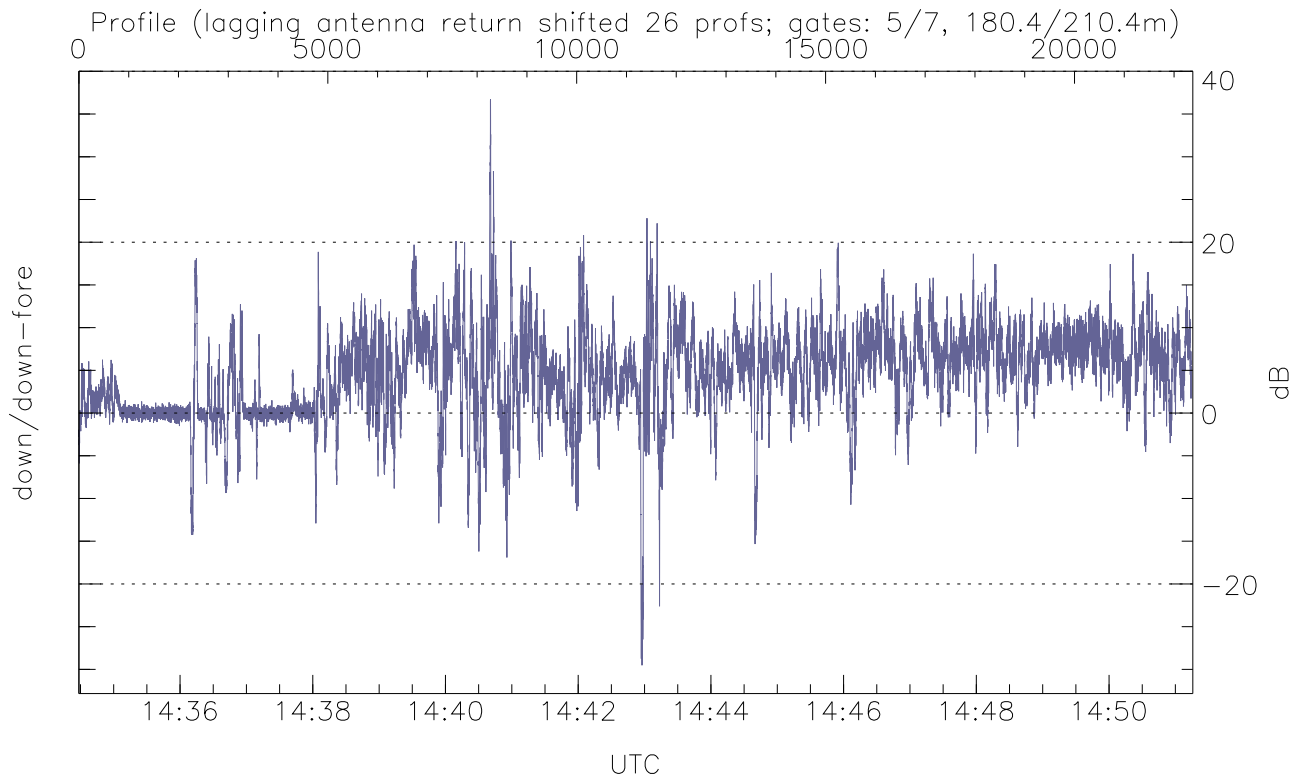
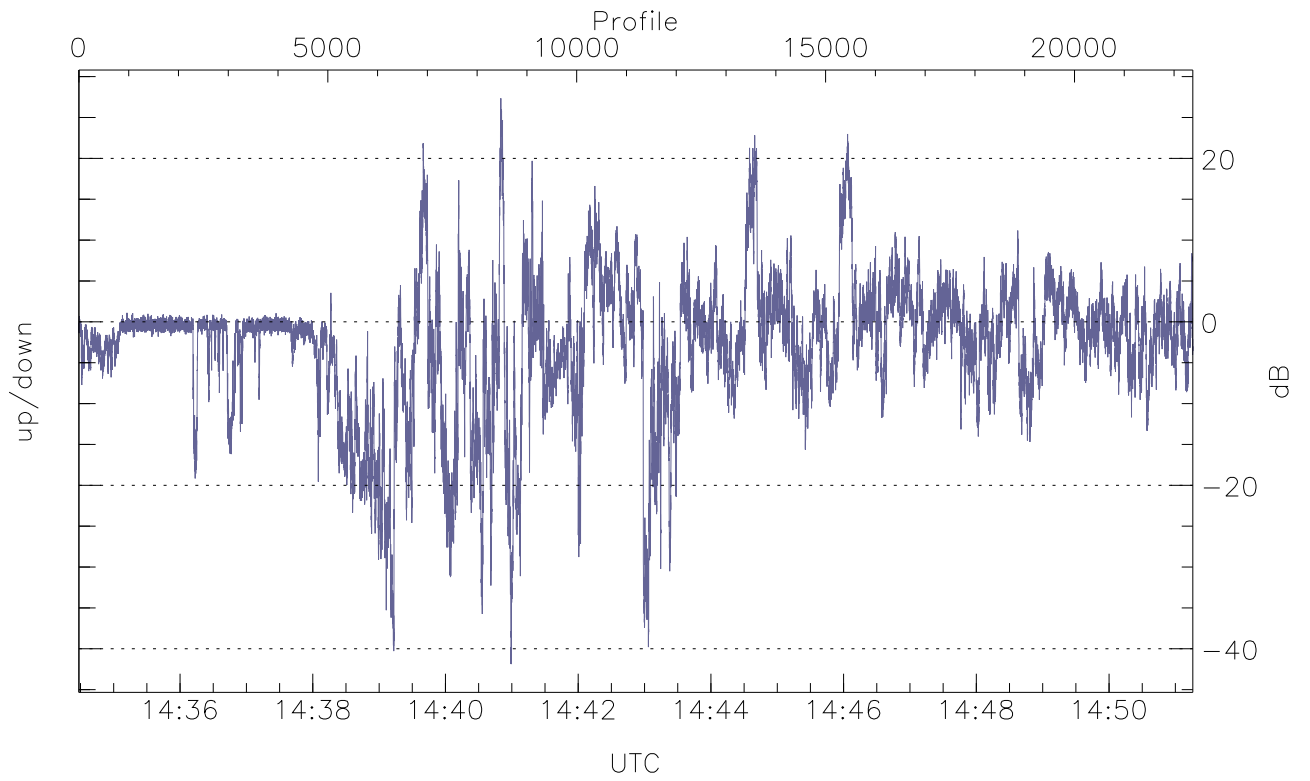


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



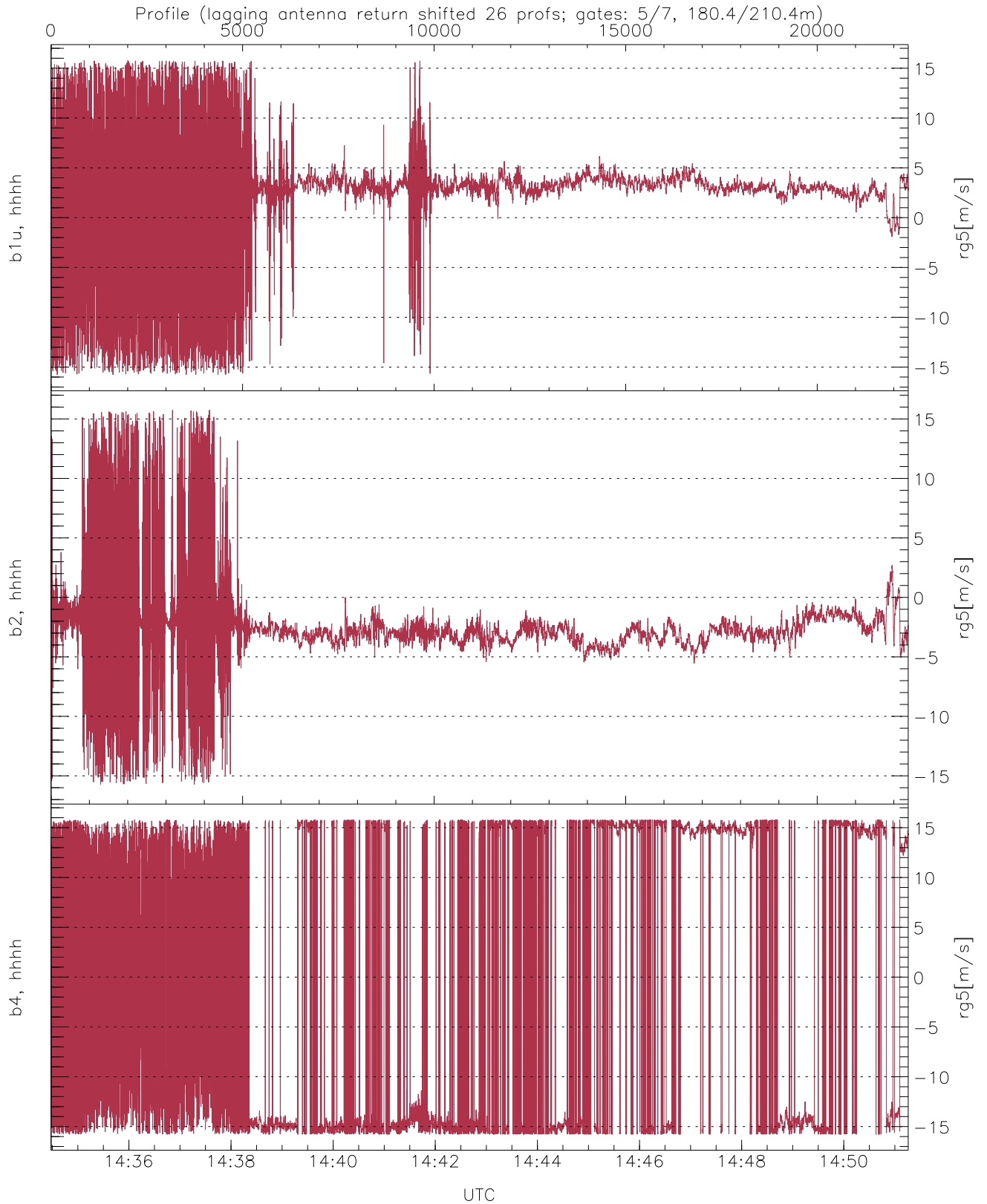
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.55	-8.41	-25.69
down(hh[dBm])	-66.08	-9.30	-25.48
down-fore(hh[dBm])	-66.27	-12.92	-30.62



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

	Min	Max	Mean
up/down (dB)	-41.87	27.35	-2.87
down/down-fore (dB)	-29.52	36.70	4.58



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	2.38	4.41
b2, hhhh(rg5[m/s])	-15.72	15.75	-2.45	3.12
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.26	14.10