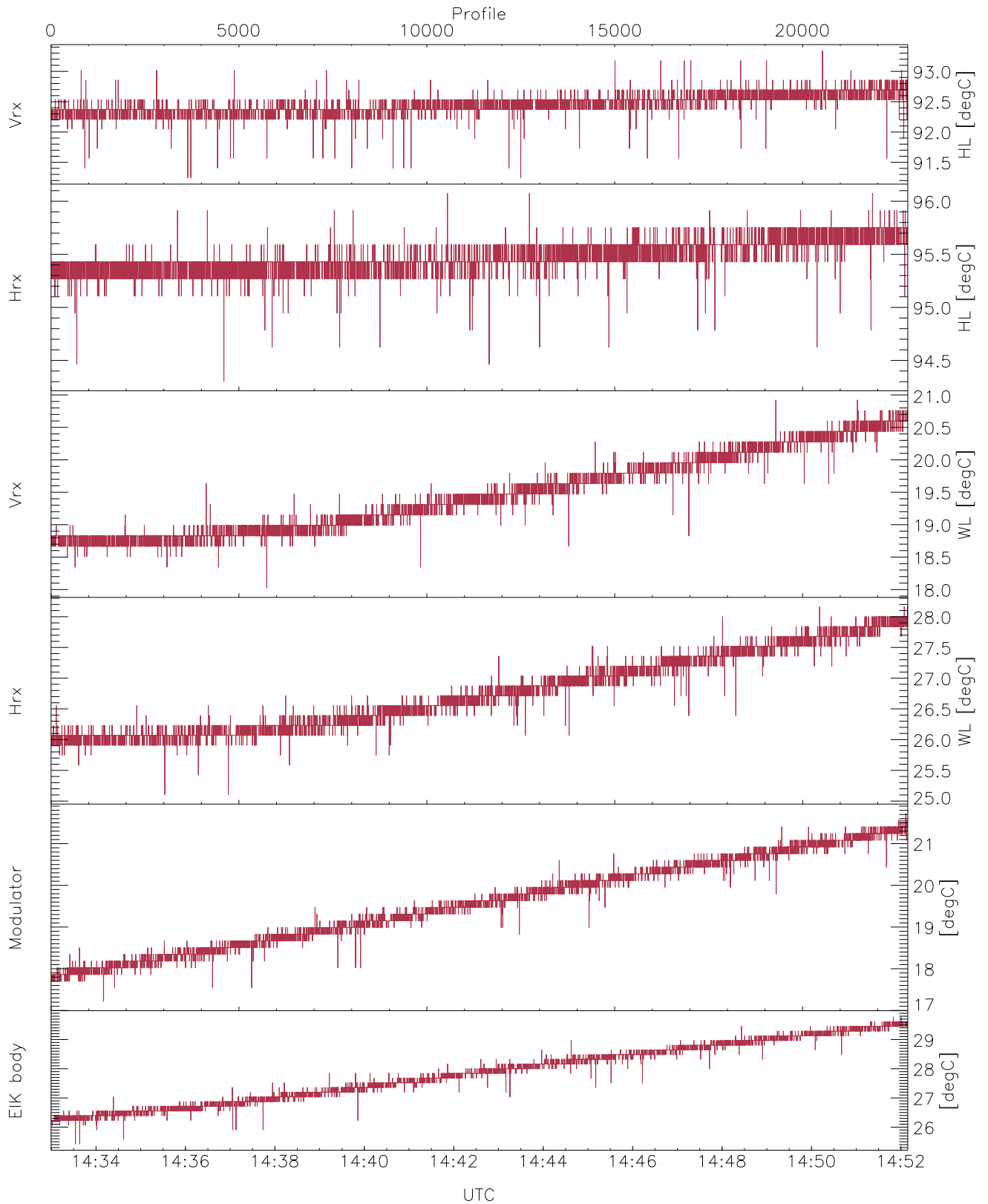




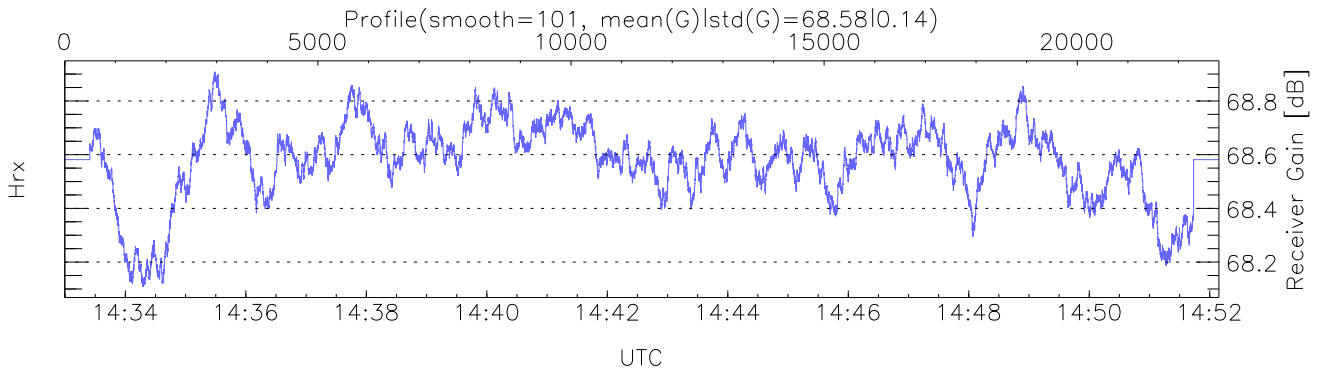
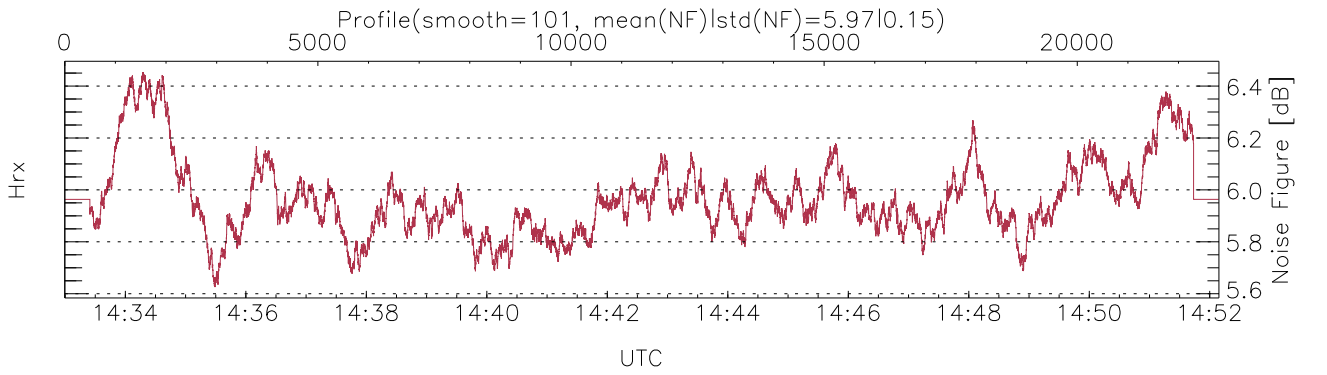
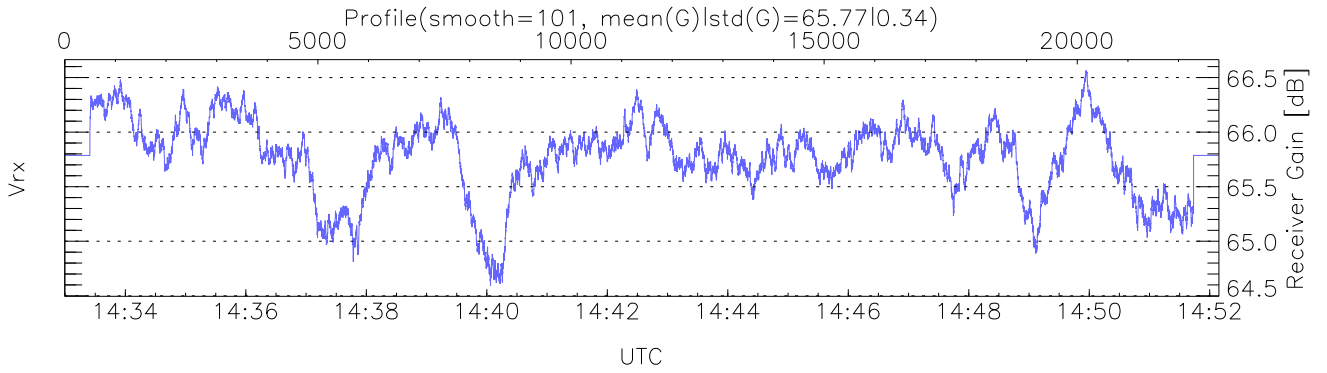
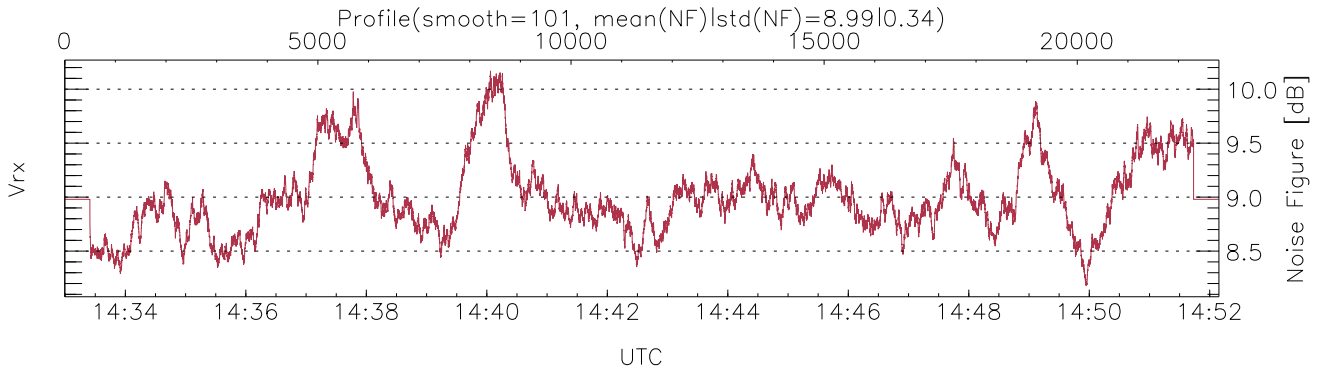
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

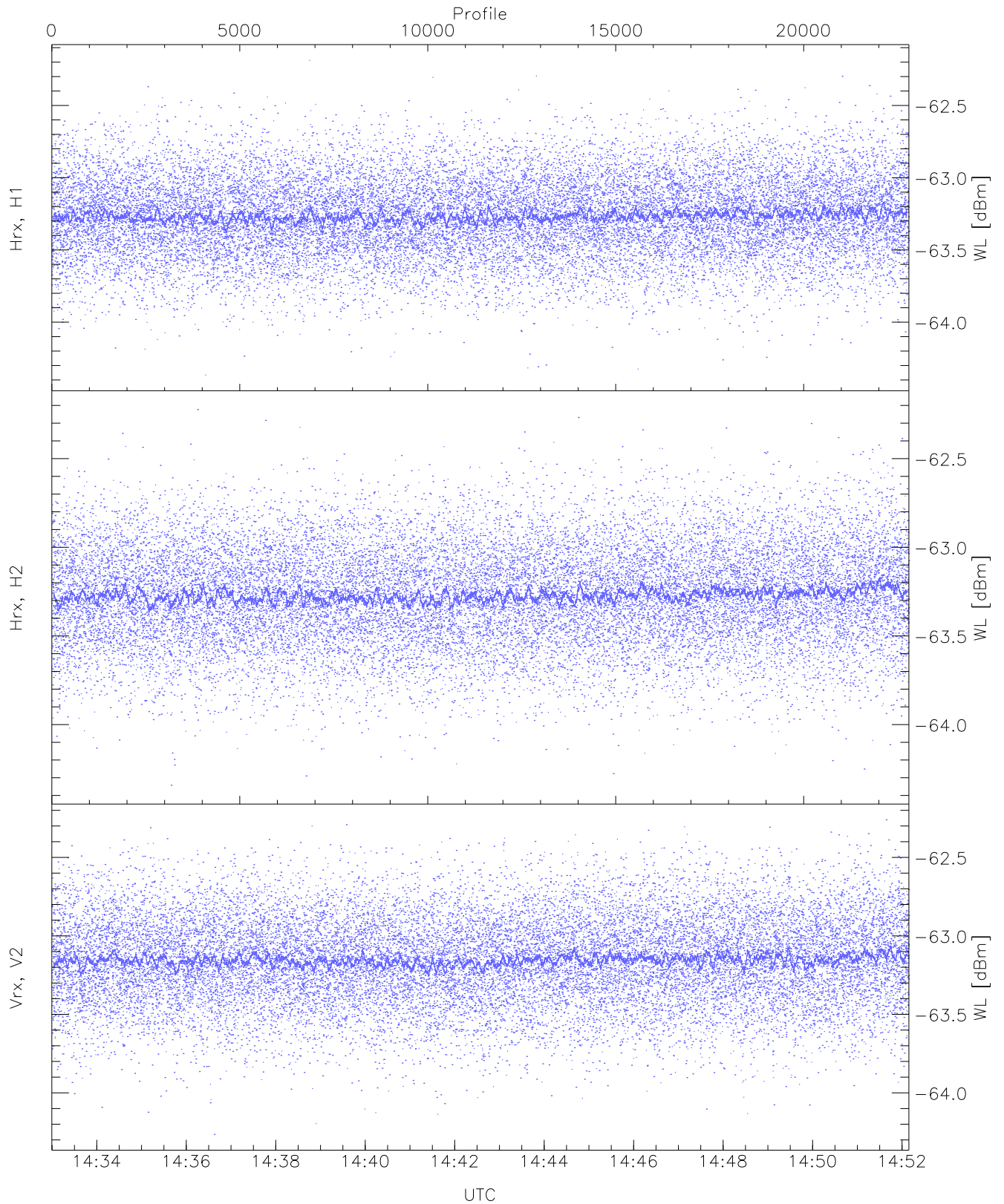
UTC: 14:33:00-15:07:46, Dur: 2086.12s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 22800/41375, 0-22799/14:33:00-14:52:09  
 AcqTime: 50.4ms, Rate: 384KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 16.7 16.7 16.7 16.7 16.7 KHz, IGS: 60us  
 Range(min,max,rgs): 105,7689,15.0 m, Gates: 506, Aspect: 2.6



WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

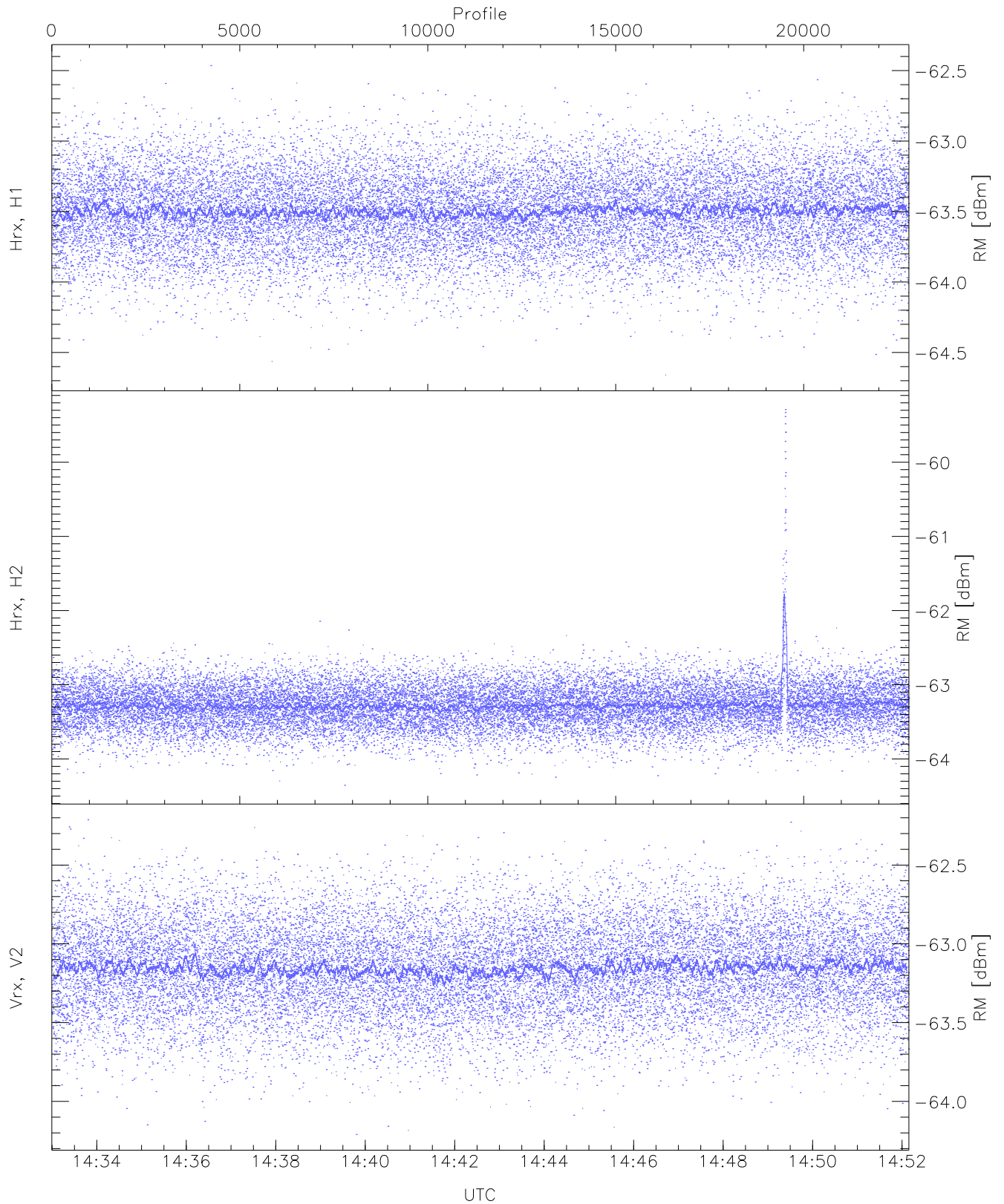
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,94,18,25,17,25  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,96,20,28,21,29  
 LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,42,0  
 EIK/Modulator Faults: None





WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

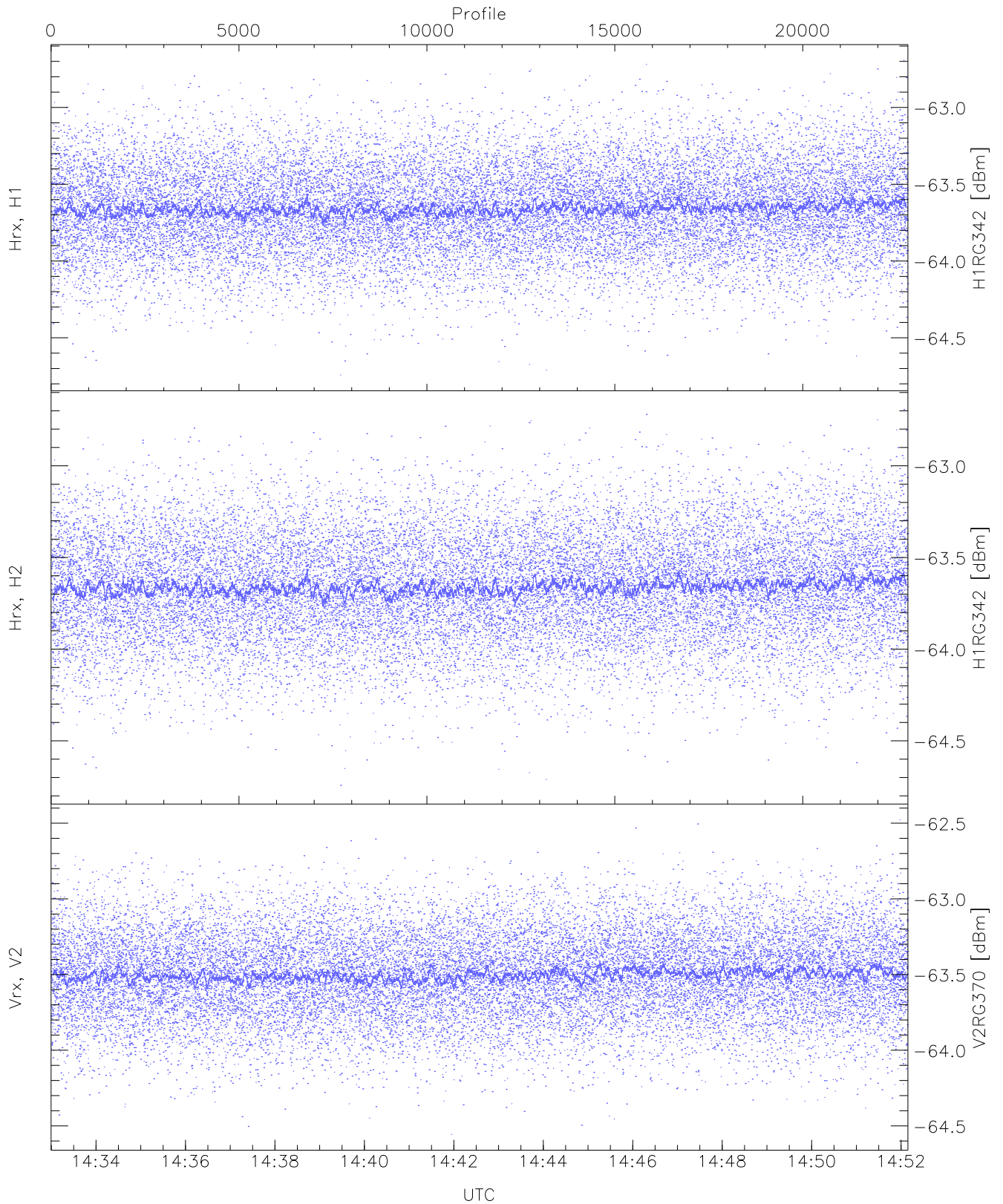
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.37	-62.19	-63.26	-63.27	-75.42
Hrx, H2 (WL [dBm])	-64.34	-62.22	-63.27	-63.27	-75.42
Vrx, V2 (WL [dBm])	-64.27	-62.26	-63.15	-63.16	-75.30



WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

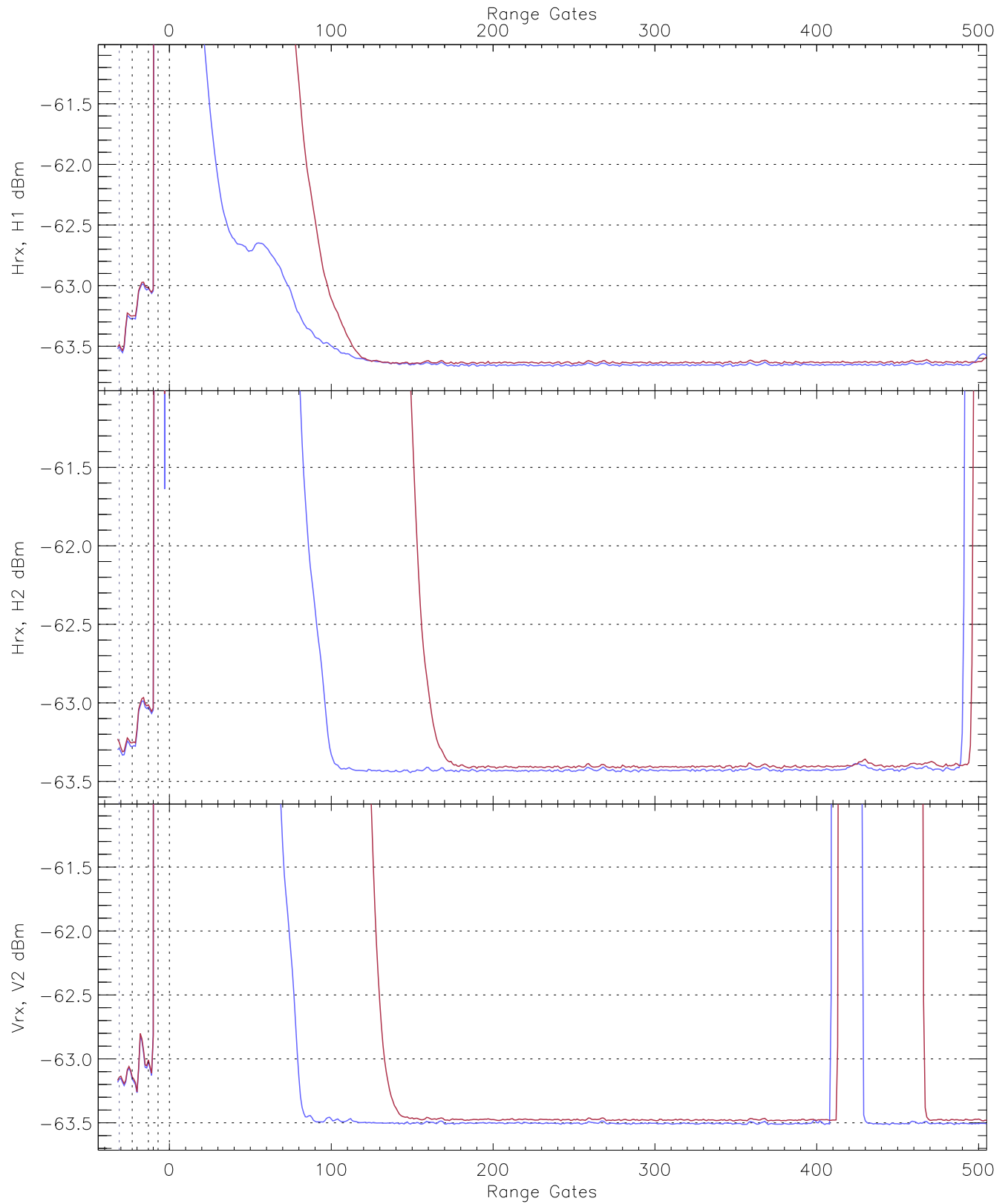
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.66	-62.43	-63.49	-63.50	-75.64
Hrx, H2 (RM [dBm])	-64.35	-59.29	-63.27	-63.28	-74.70
Vrx, V2 (RM [dBm])	-64.21	-62.21	-63.15	-63.16	-75.28



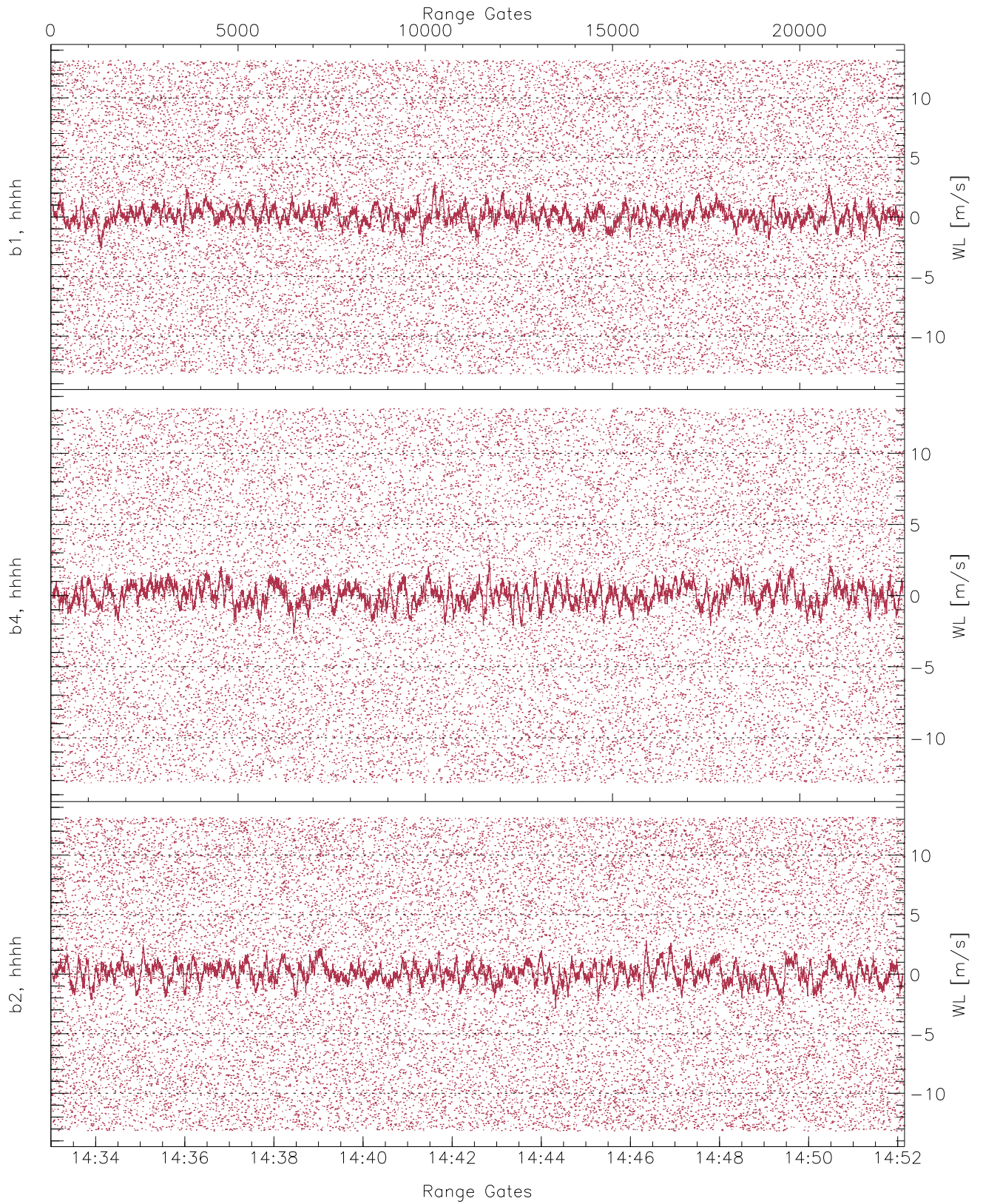


WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG342 [dBm]	-64.74	-62.69	-63.66	-63.66	-75.80
H1RG342 [dBm]	-64.74	-62.69	-63.66	-63.66	-75.80
V2RG370 [dBm]	-64.56	-62.48	-63.50	-63.50	-75.65

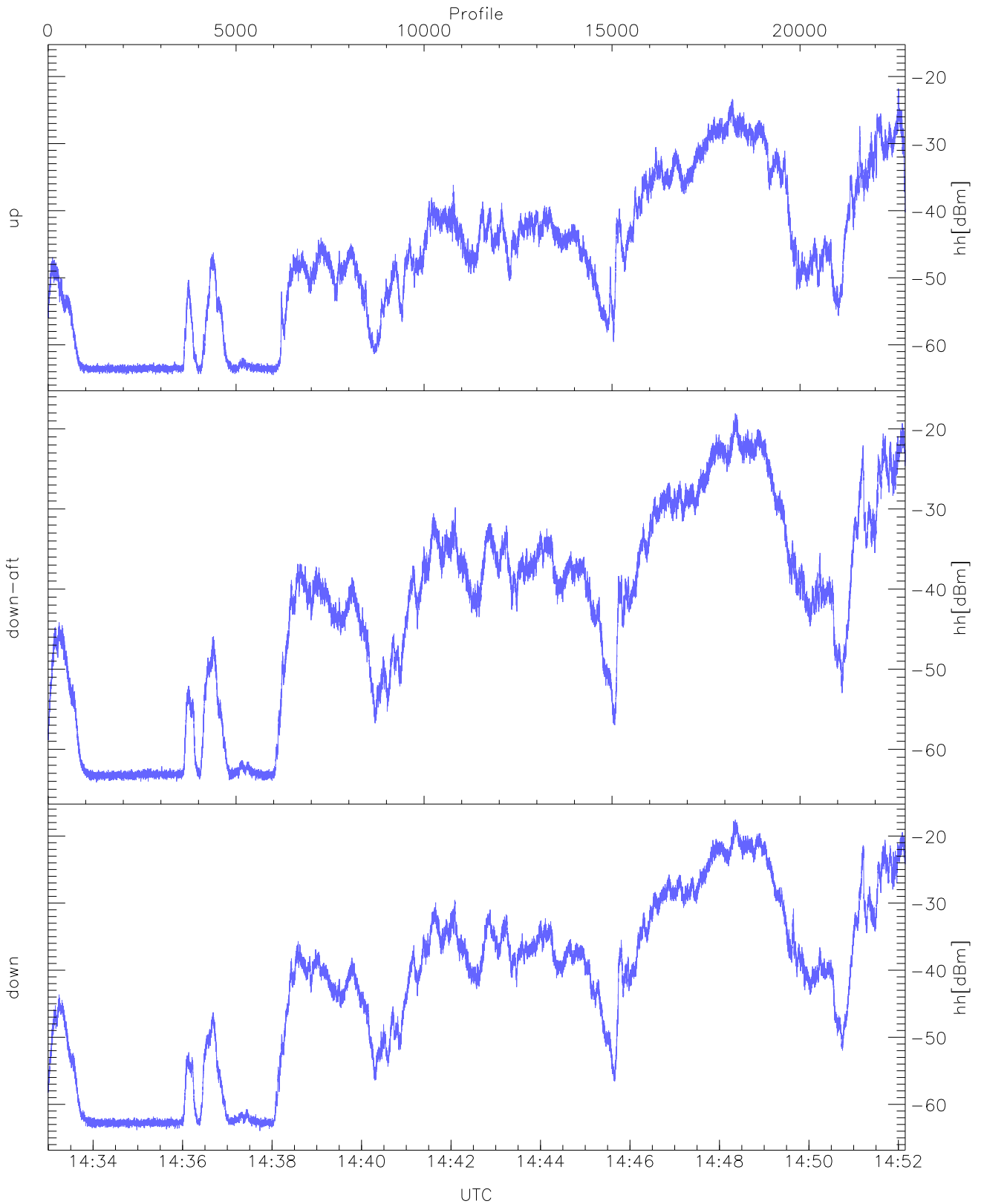


WCR2 CPP Averaged Received power for all recorded gates  
blue: 143300-144234, 11401 profiles averaged  
red: 144234-145209, 11400 profiles averaged



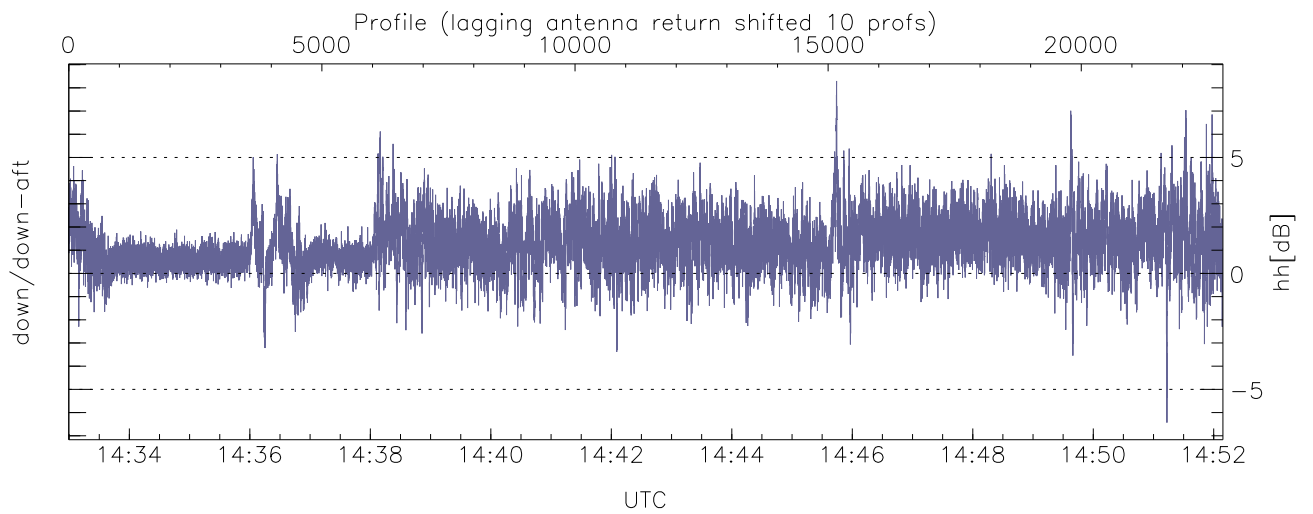
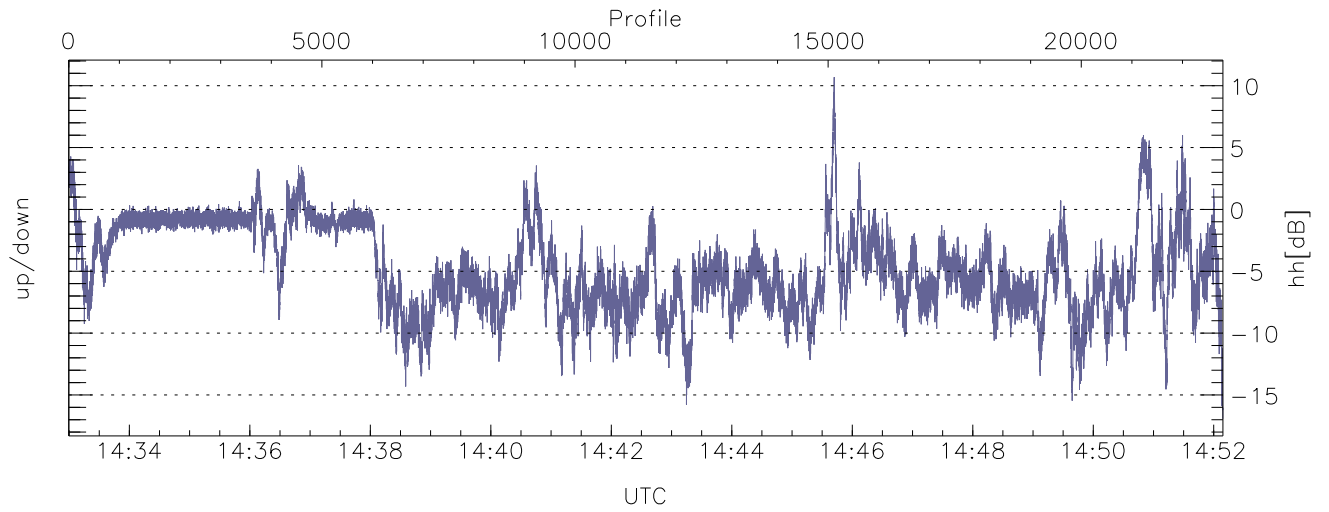
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements





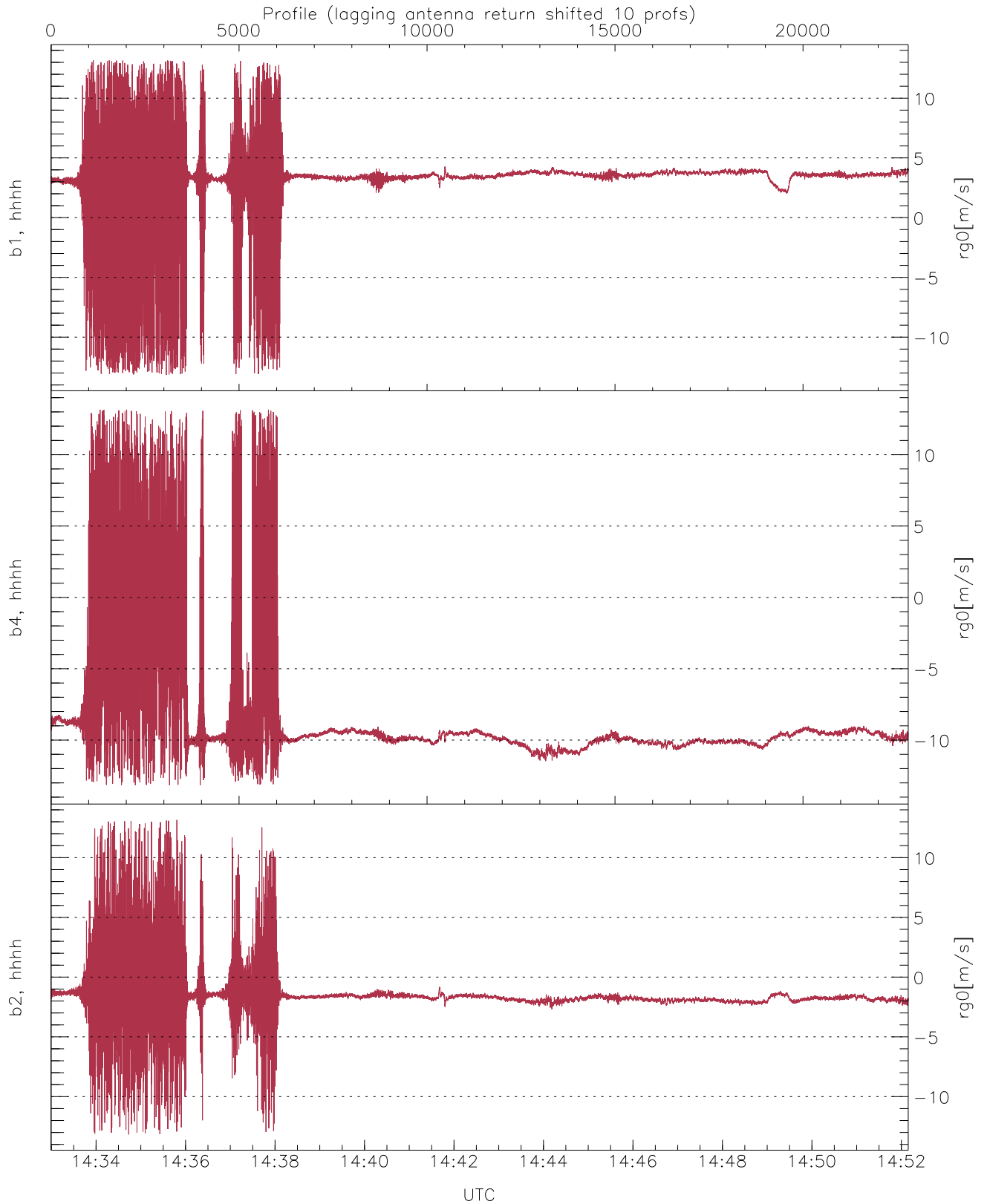
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.49	-21.79	-36.20
down-aft(hh[dBm])	-64.15	-18.06	-30.98
down(hh[dBm])	-63.96	-17.58	-30.45



WCR2 CPP Received Power Ratio; Range gates used: 0,1 (105,120 m)

	Min	Max	Mean
up/down(hh[dB])	-16.93	10.69	-3.79
down/down-aft(hh[dB])	-6.43	8.30	1.25



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1, hhhh(rg0[m/s])	-13.16	13.16	3.09	2.97
b4, hhhh(rg0[m/s])	-13.16	13.16	-8.41	4.17
b2, hhhh(rg0[m/s])	-13.17	13.15	-1.46	1.93