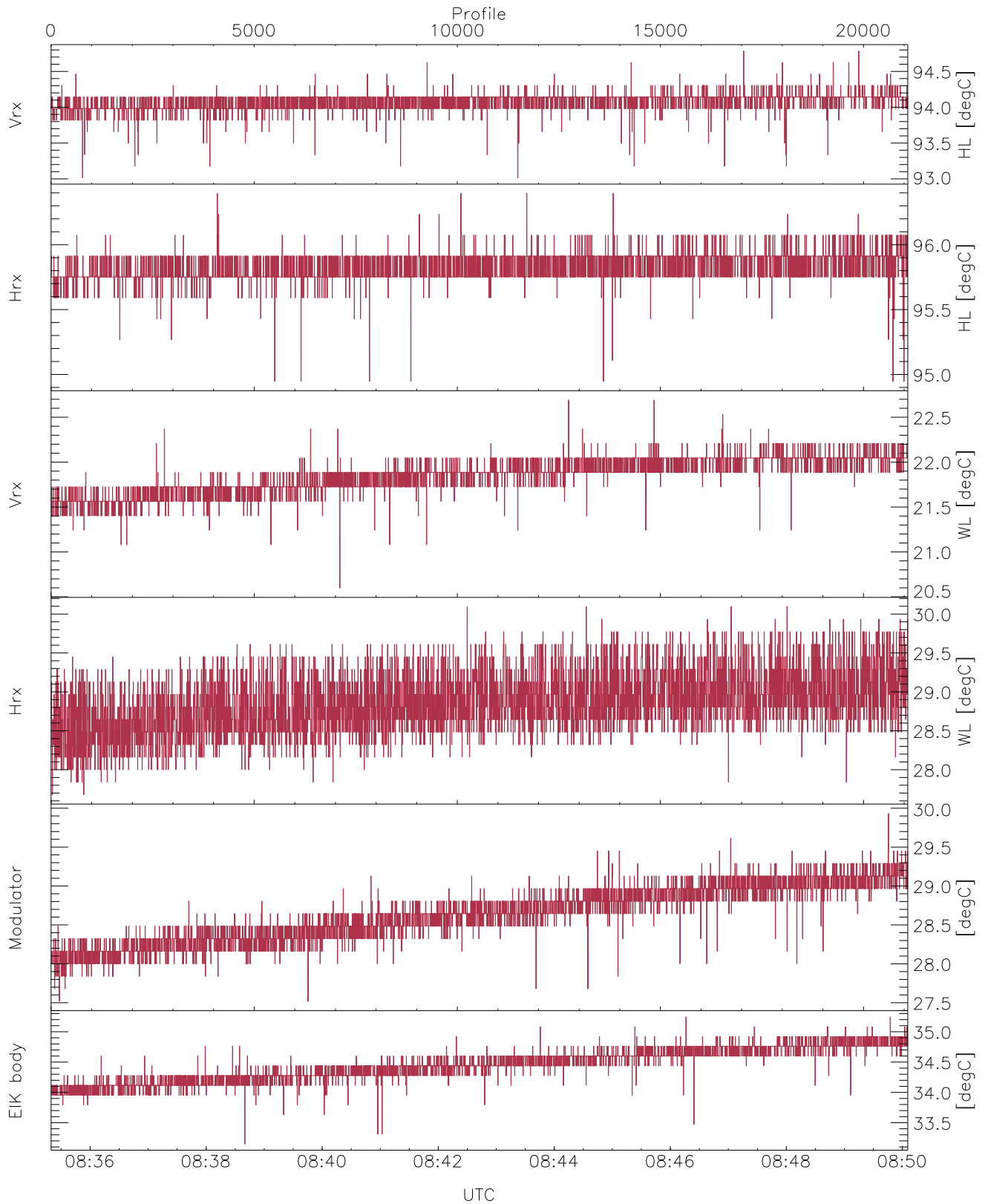


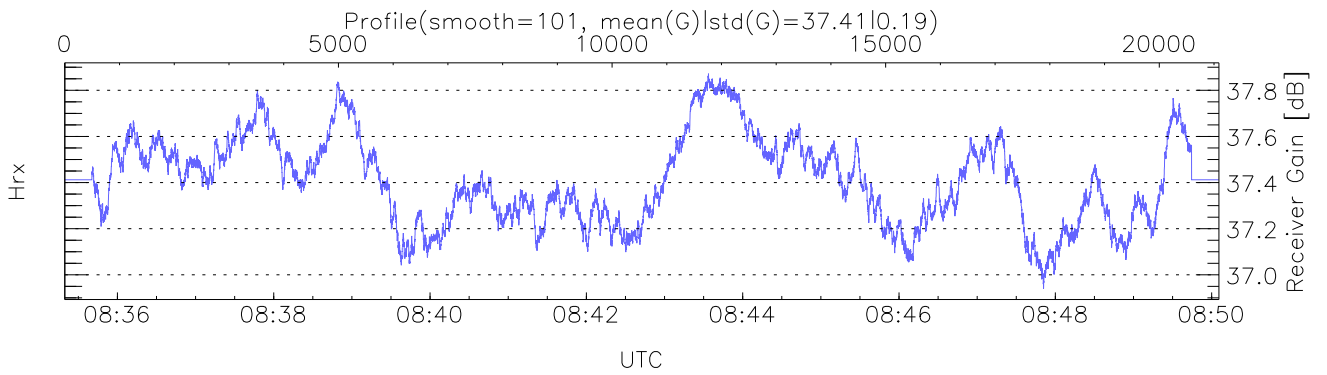
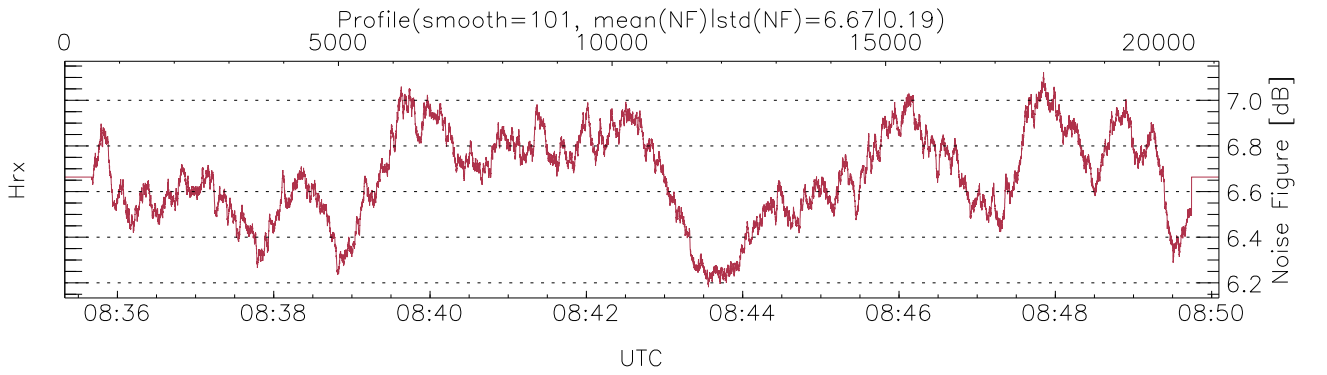
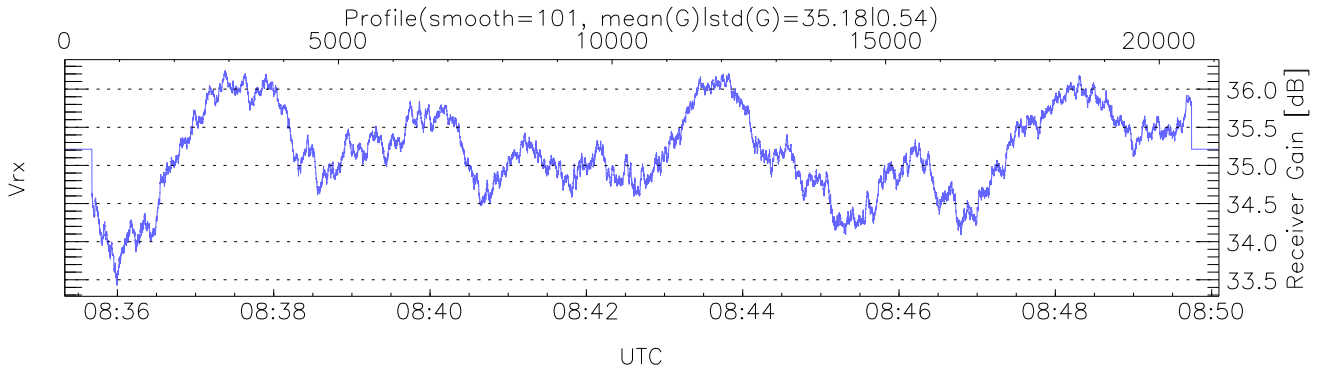
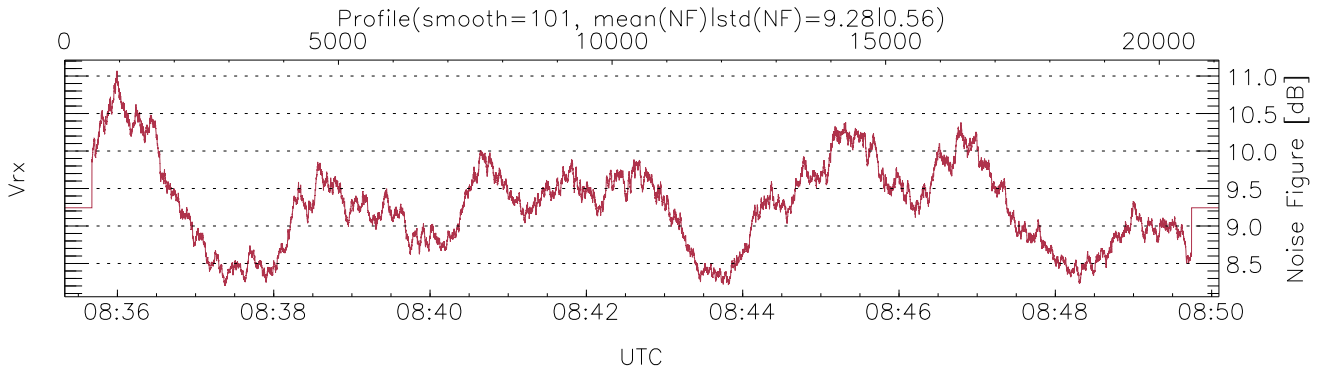
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 08:35:20-08:50:06, Dur: 886.00s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24  
 NumRec(r/t): 21091/21091, 0-21090/08:35:20-08:50:06  
 AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rgs): 105,6187,15.0 m, Gates: 406, Aspect: 4.0  
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



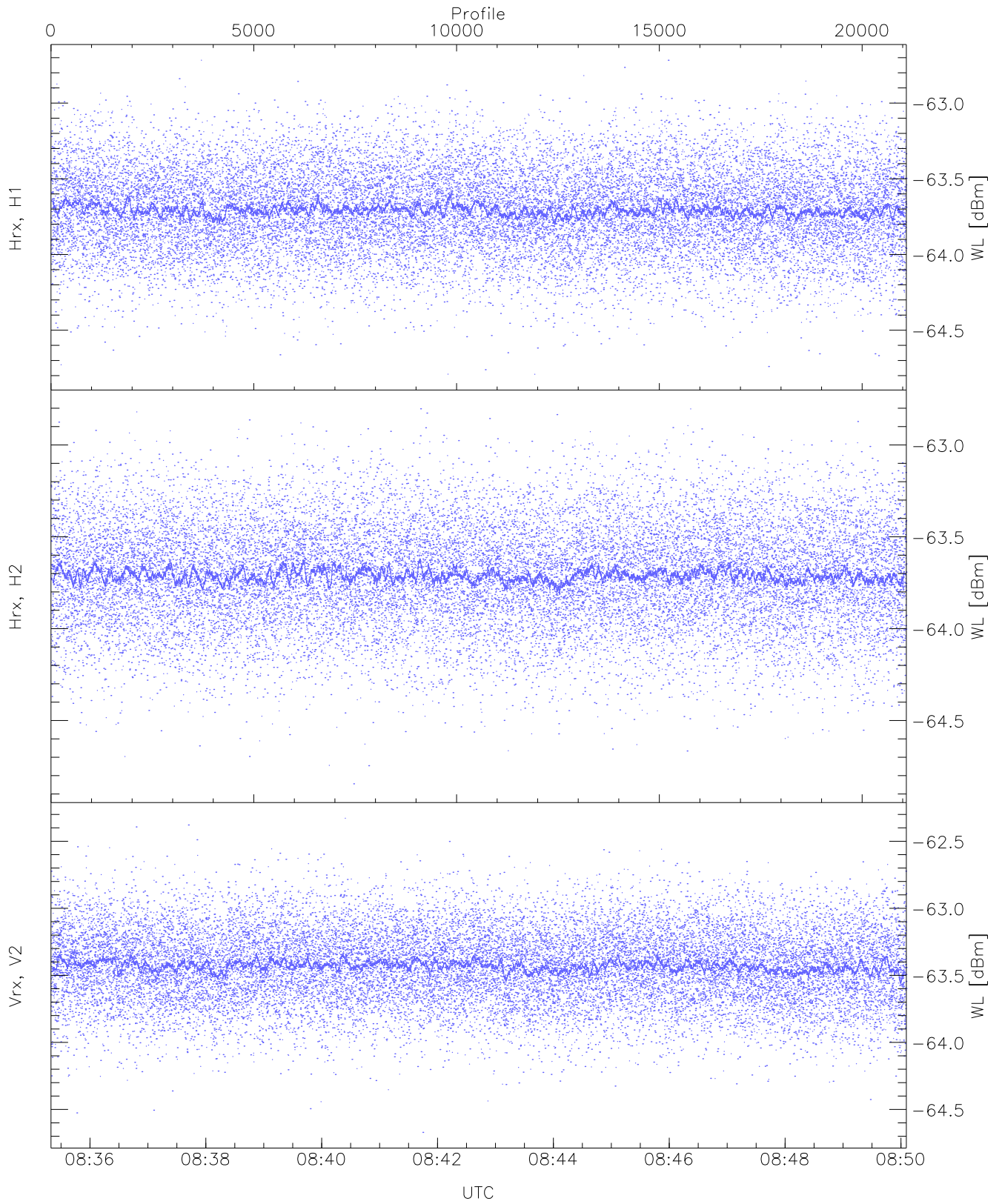
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,27,33  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,30,29,35  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



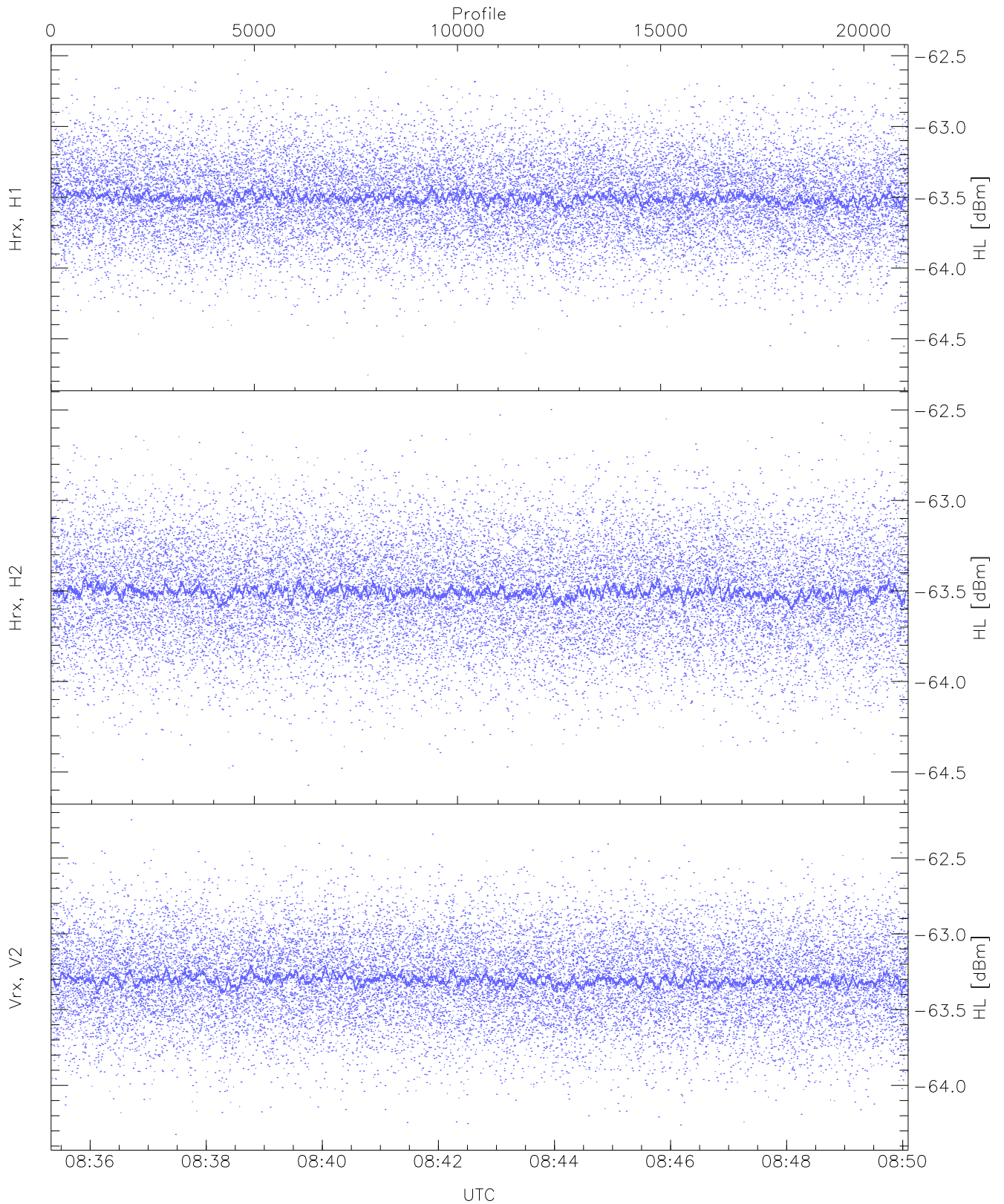
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 11357 pixs, 31 gates, 6029 profs, 2 prods



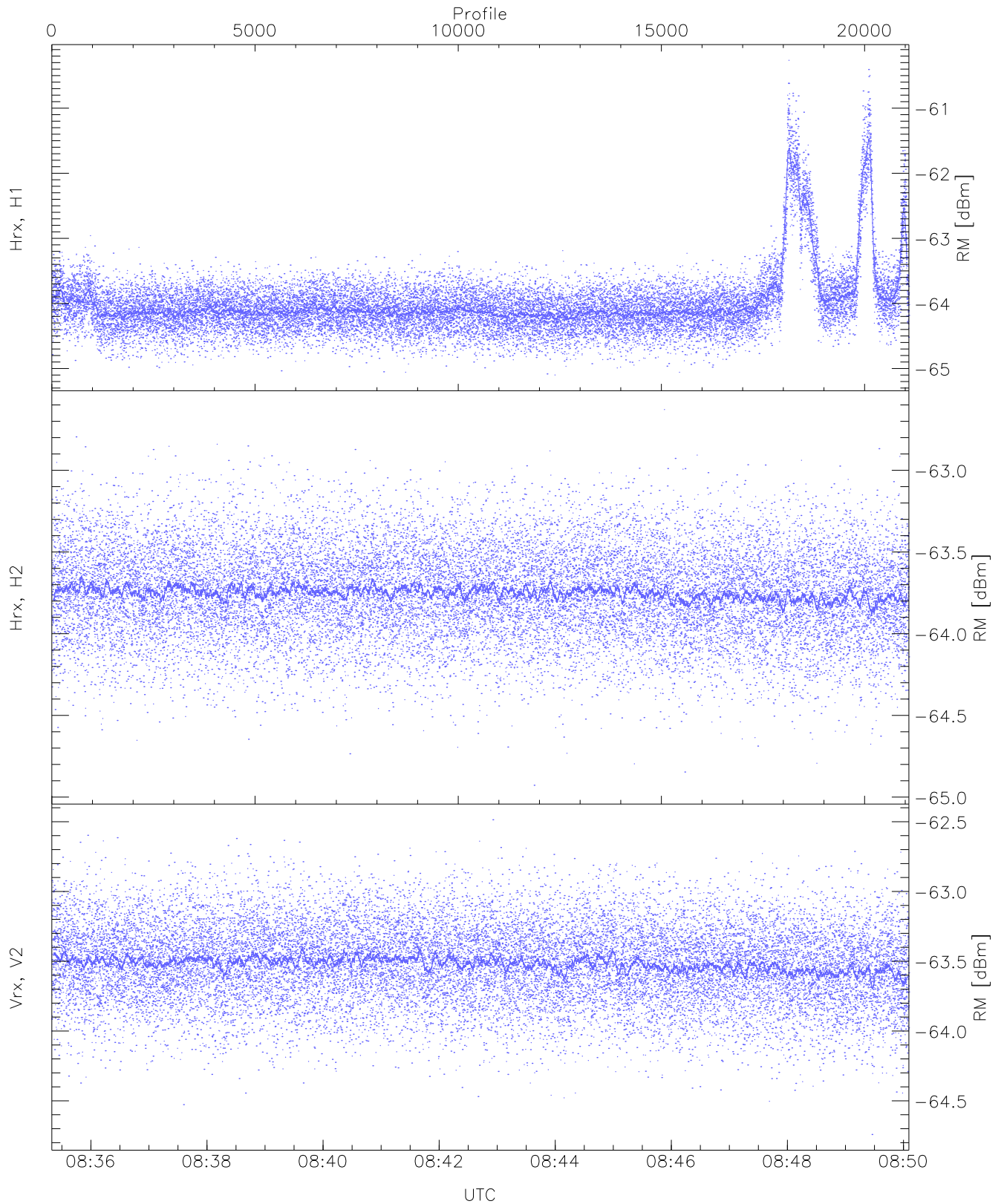
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.79	-62.72	-63.70	-63.71	-75.85
Hrx, H2 (WL [dBm])	-64.84	-62.80	-63.70	-63.71	-75.87
Vrx, V2 (WL [dBm])	-64.67	-62.33	-63.42	-63.43	-75.54



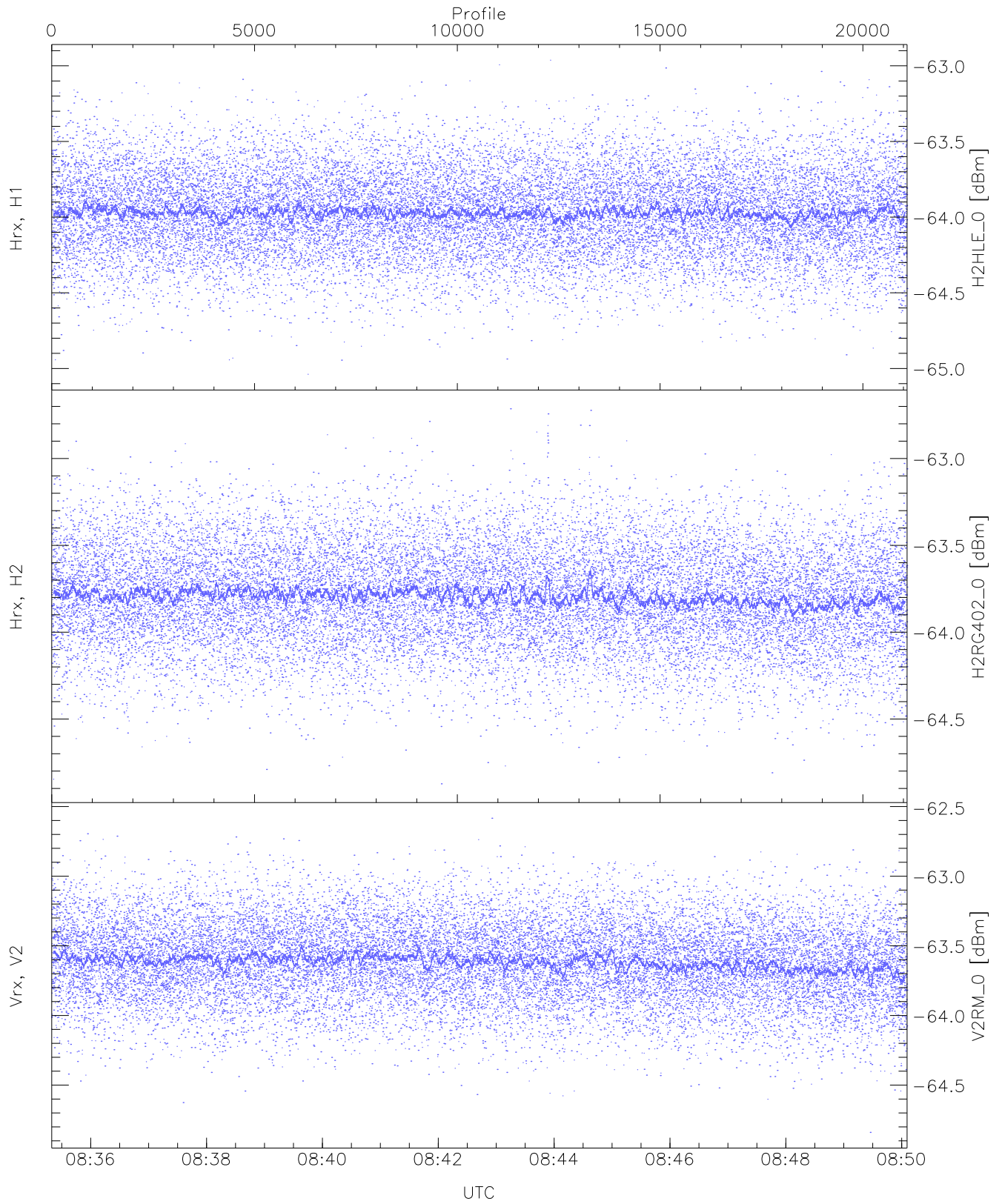
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.76	-62.53	-63.50	-63.51	-75.65
Hrx, H2 (HL [dBm])	-64.57	-62.50	-63.50	-63.51	-75.66
Vrx, V2 (HL [dBm])	-64.32	-62.25	-63.30	-63.31	-75.45



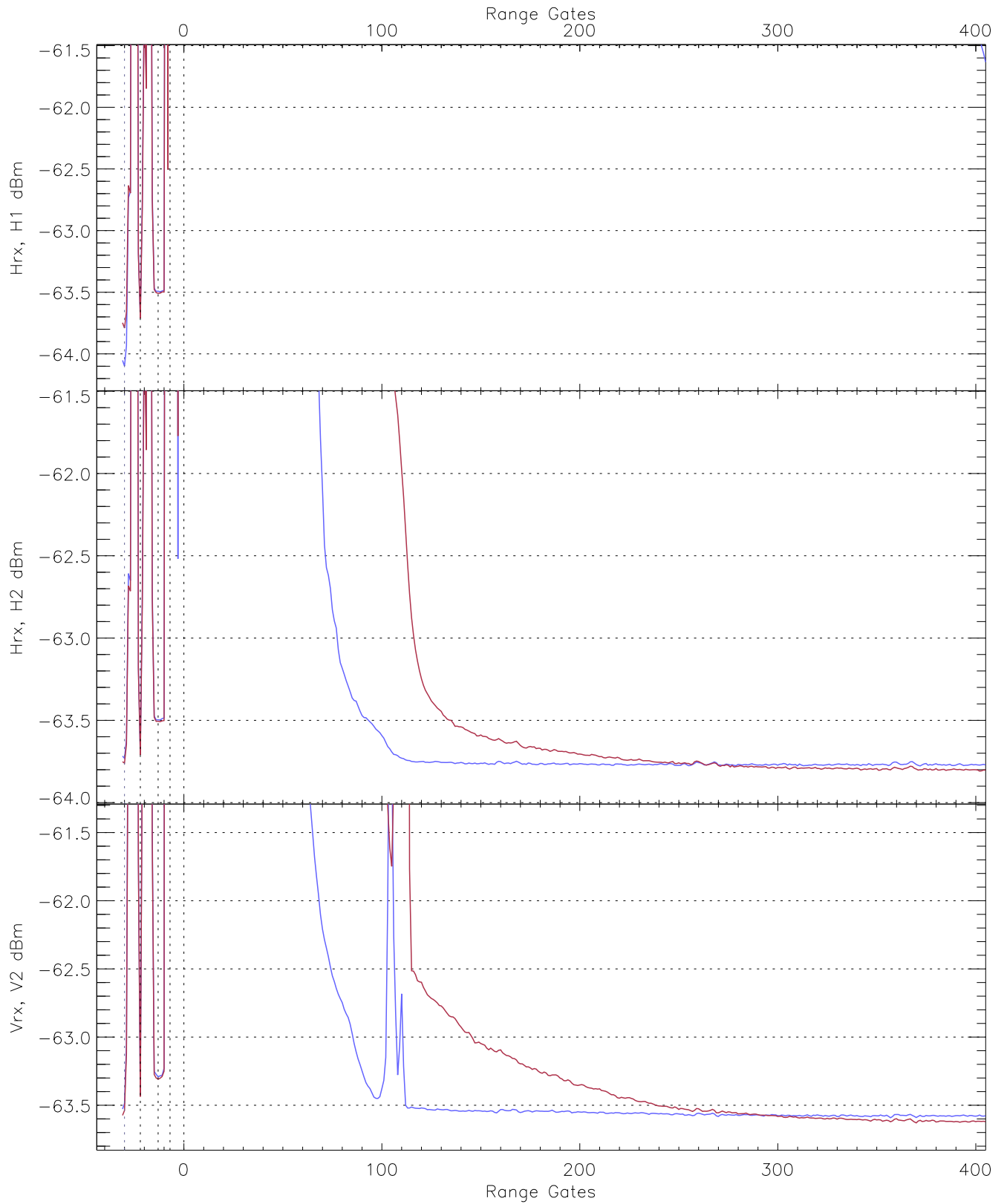
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.10	-60.26	-63.94	-64.07	-72.23
Hrx, H2(RM [dBm])	-64.93	-62.63	-63.75	-63.75	-75.87
Vrx, V2(RM [dBm])	-64.74	-62.49	-63.51	-63.52	-75.61



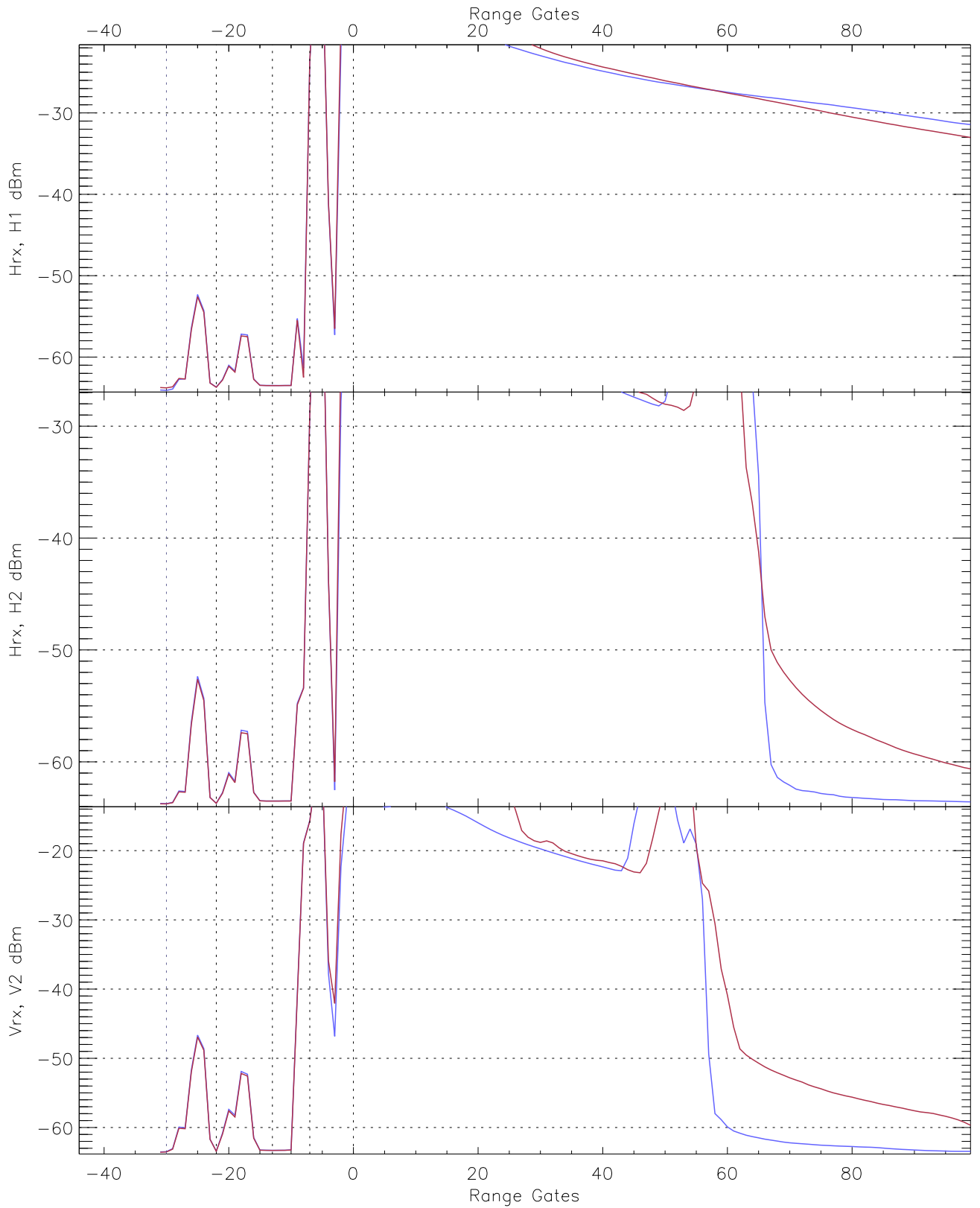
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H2HLE_0 [dBm]	-65.04	-62.96	-63.97	-63.97	-76.12
H2RG402_0 [dBm]	-64.87	-62.71	-63.79	-63.80	-75.90
V2RM_0 [dBm]	-64.84	-62.58	-63.61	-63.61	-75.71

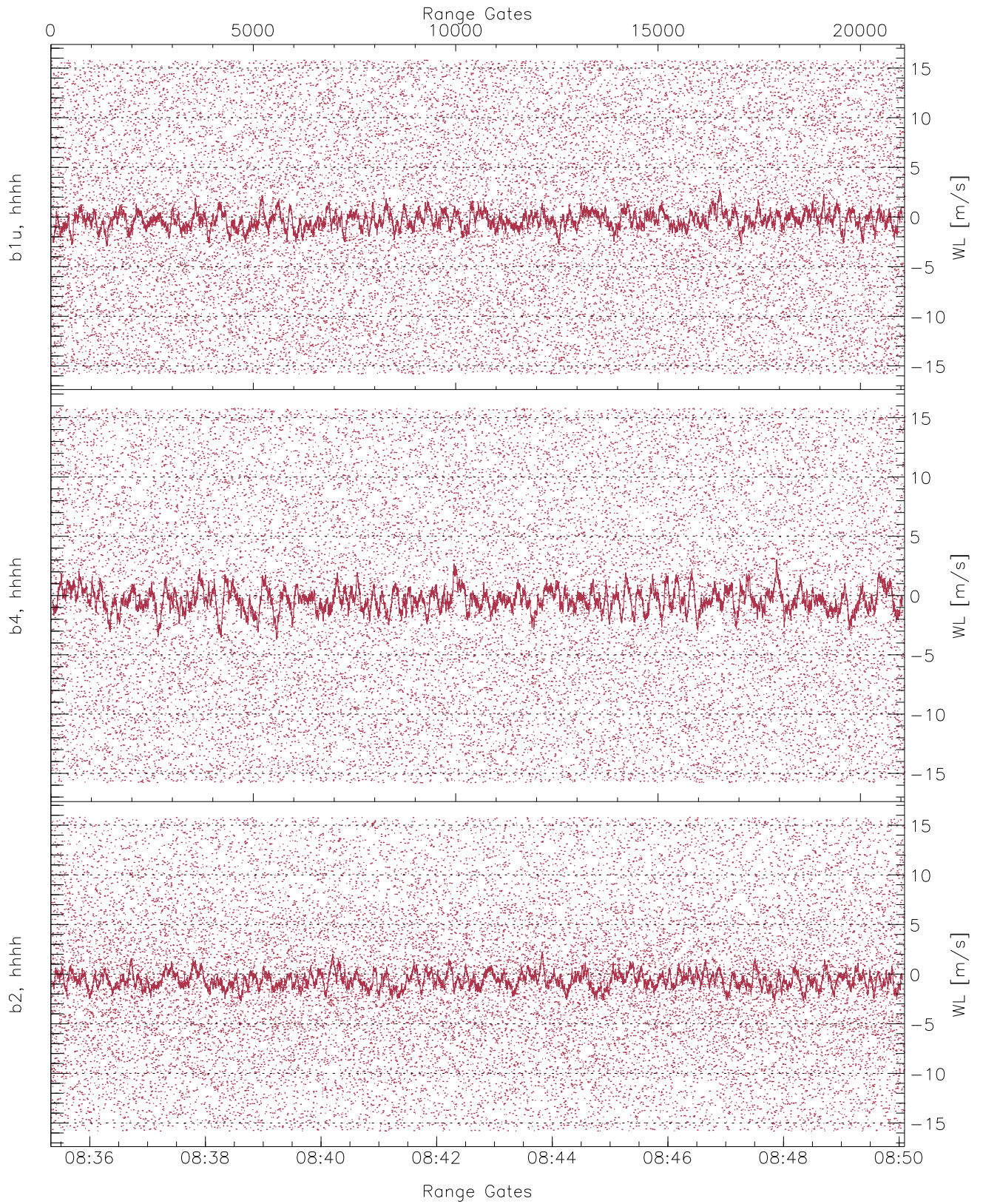


WCR2 CPP Averaged Received power for all recorded gates  
blue: 083520-084243, 10546 profiles averaged  
red: 084243-085006, 10546 profiles averaged

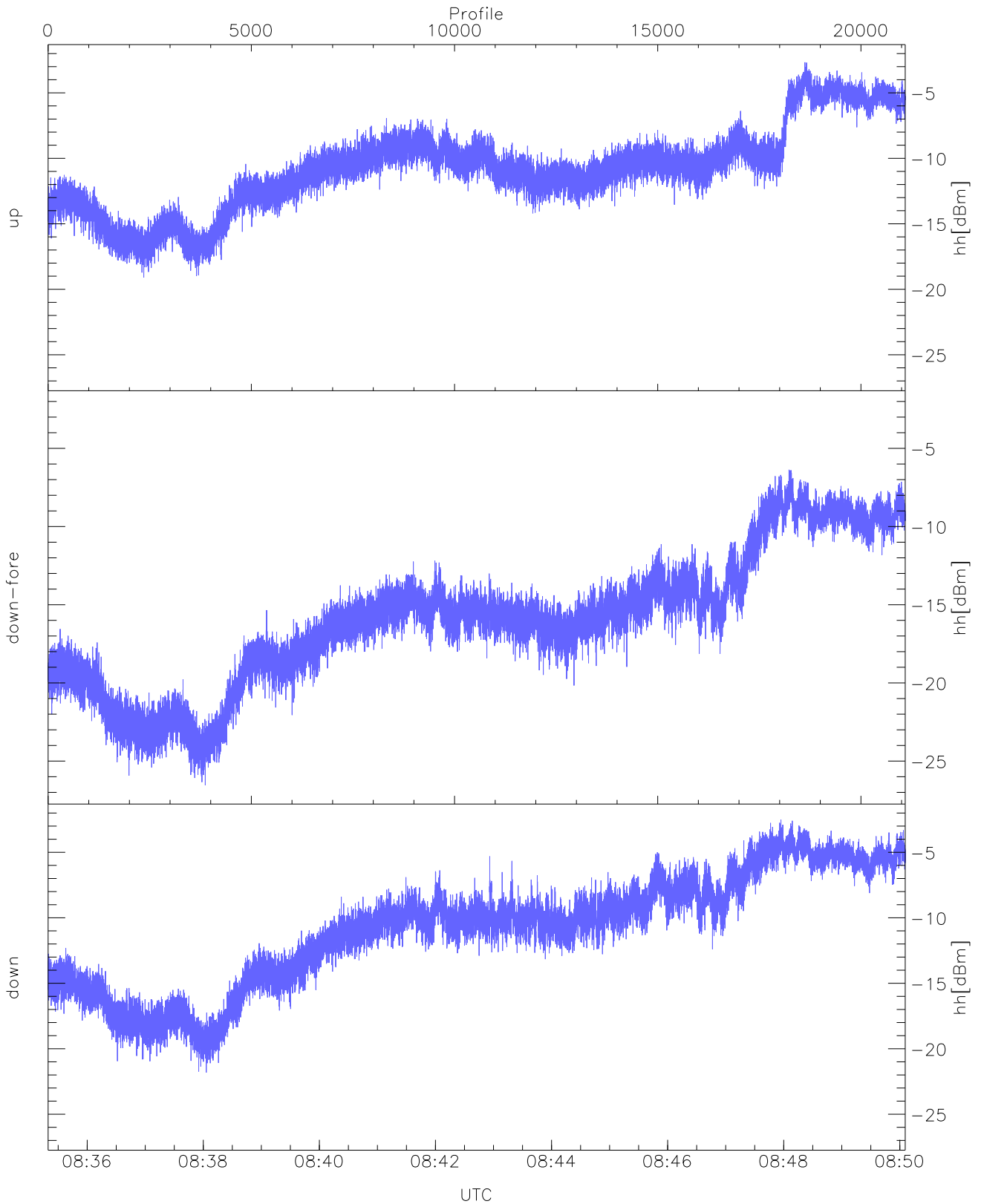




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 083520-084243, 10546 profiles averaged  
red: 084243-085006, 10546 profiles averaged

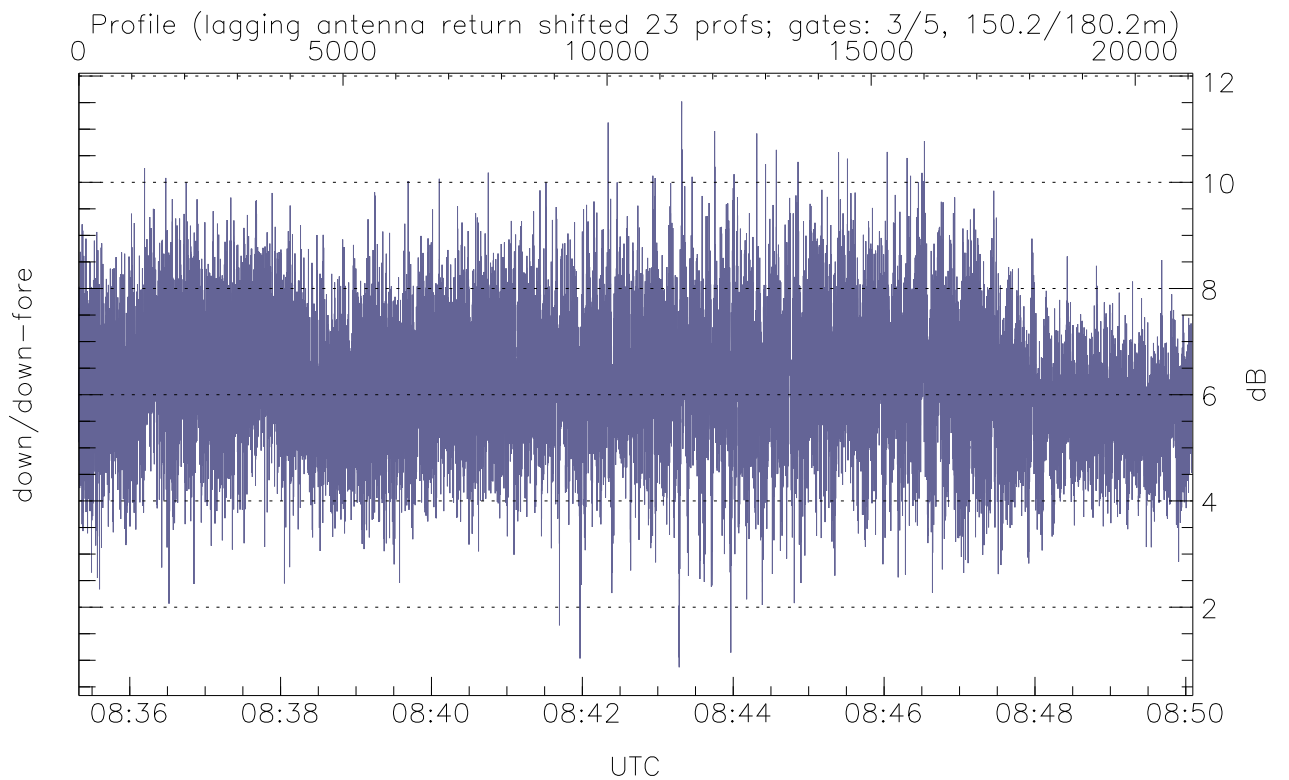
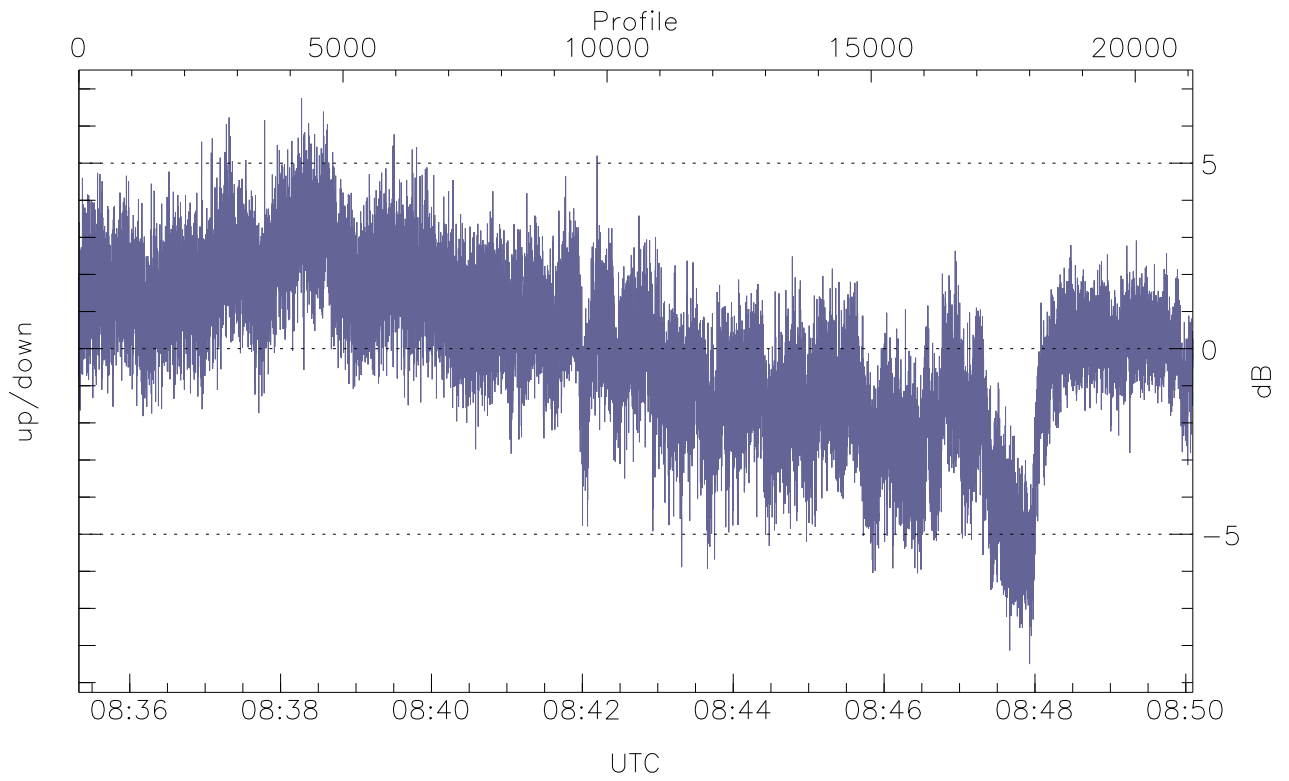


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



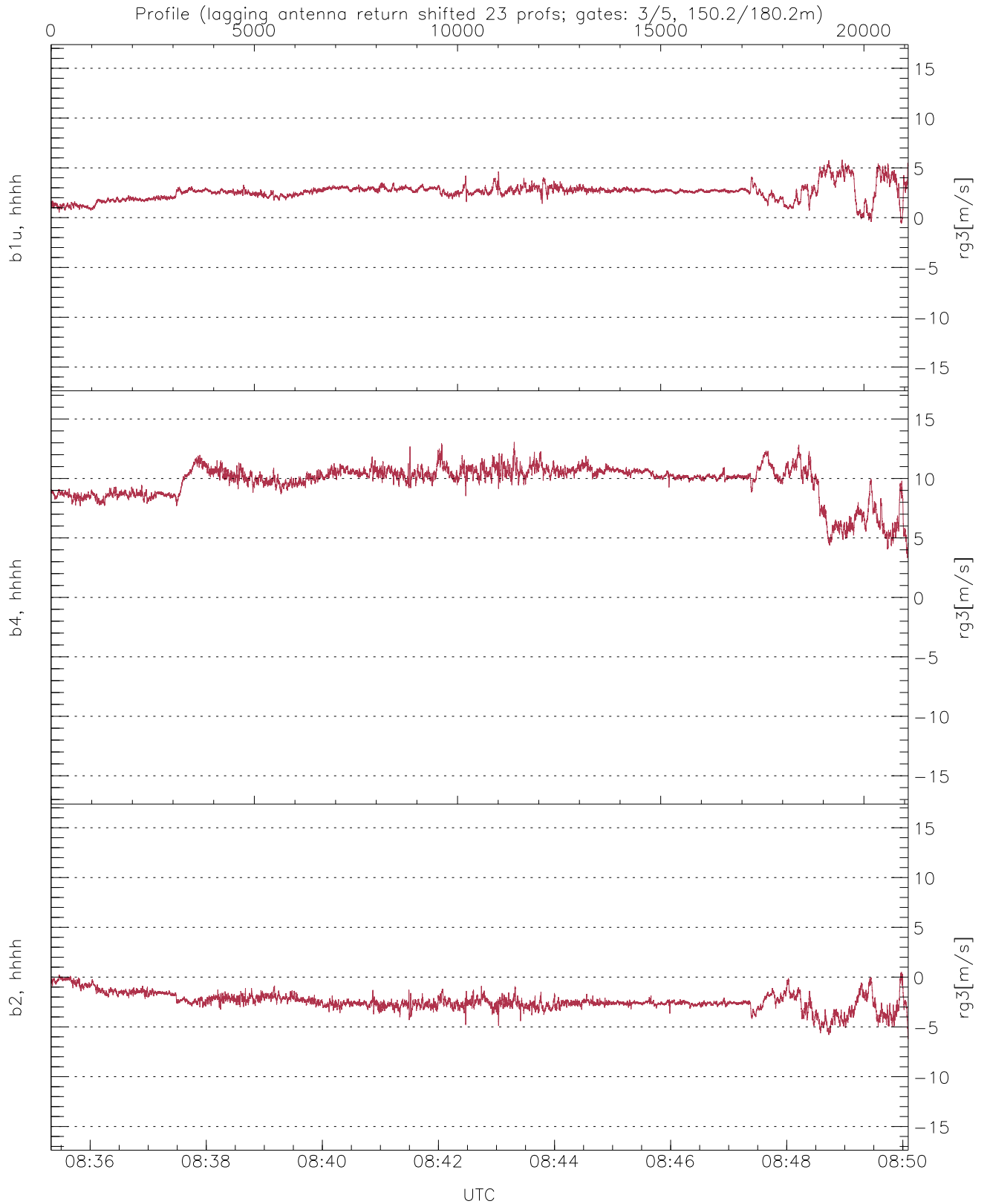
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-19.11	-2.67	-9.64
down-fore(hh[dBm])	-26.55	-6.37	-13.90
down(hh[dBm])	-21.82	-2.52	-9.09



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-8.50	6.75	0.05
down/down-fore (dB)	0.87	11.52	6.23



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-0.60	5.81	2.57	0.81
b4, hhhh(rg3[m/s])	3.32	13.06	9.73	1.48
b2, hhhh(rg3[m/s])	-6.24	0.51	-2.42	0.86