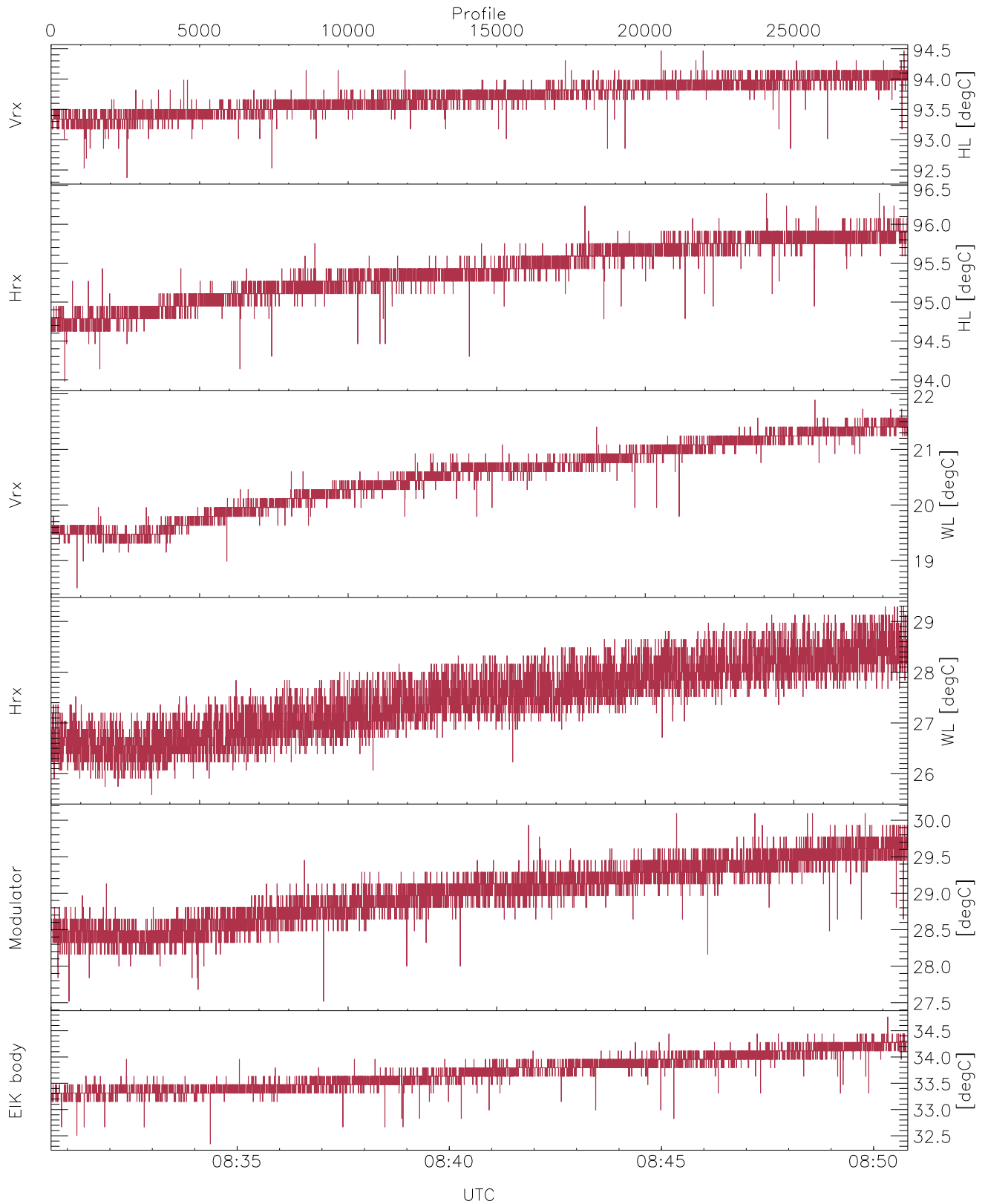


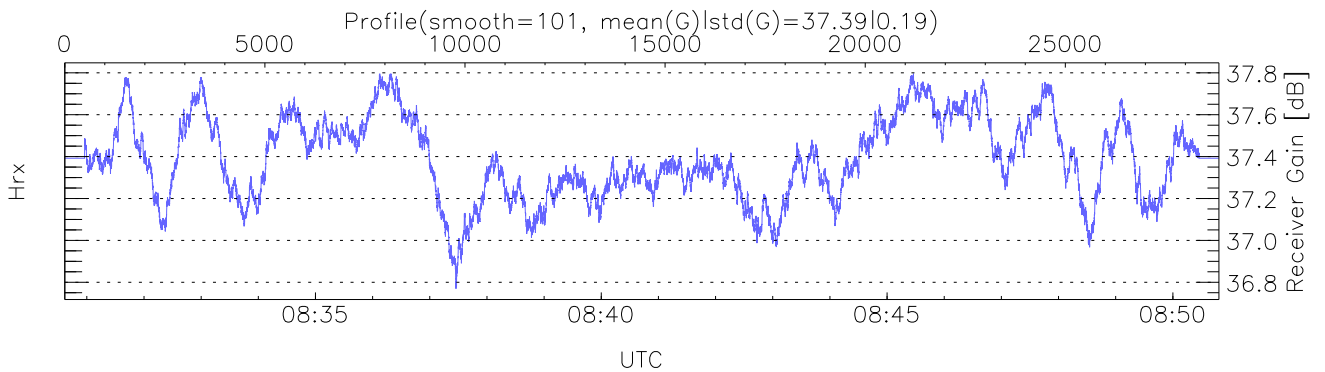
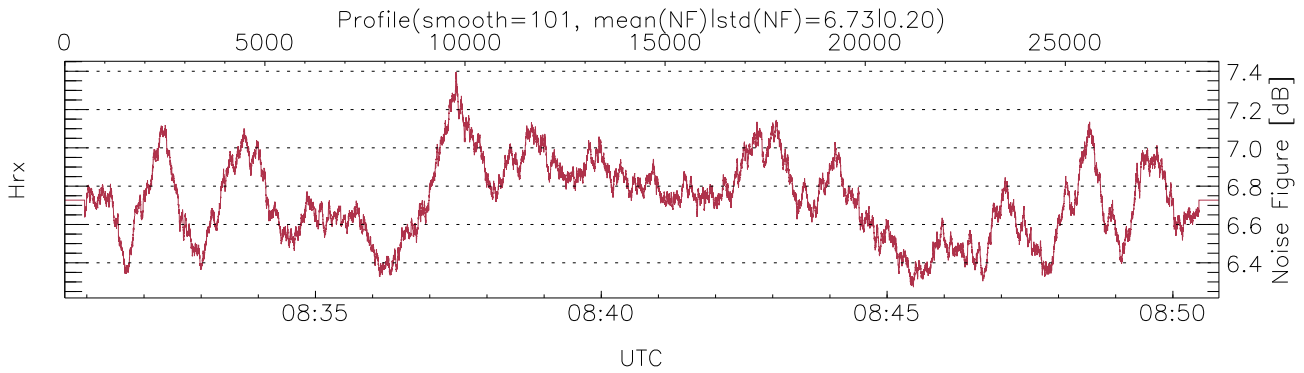
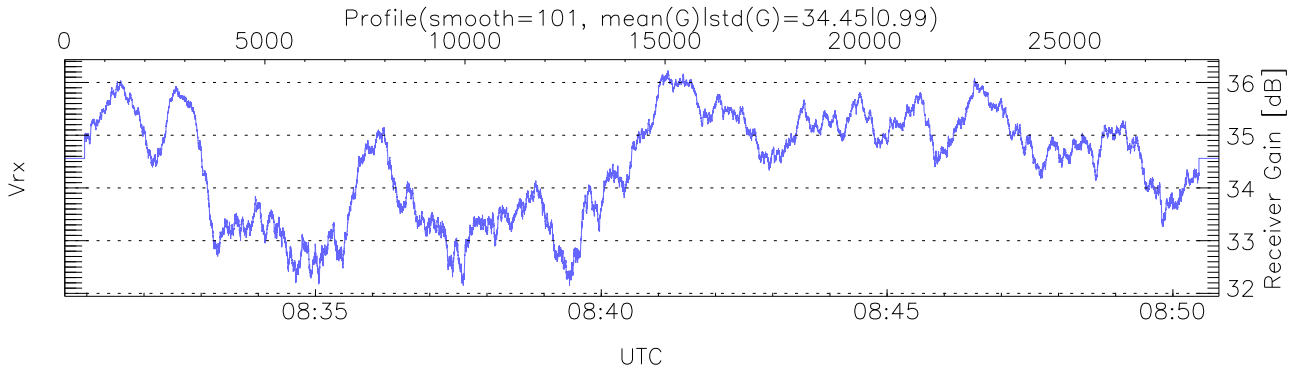
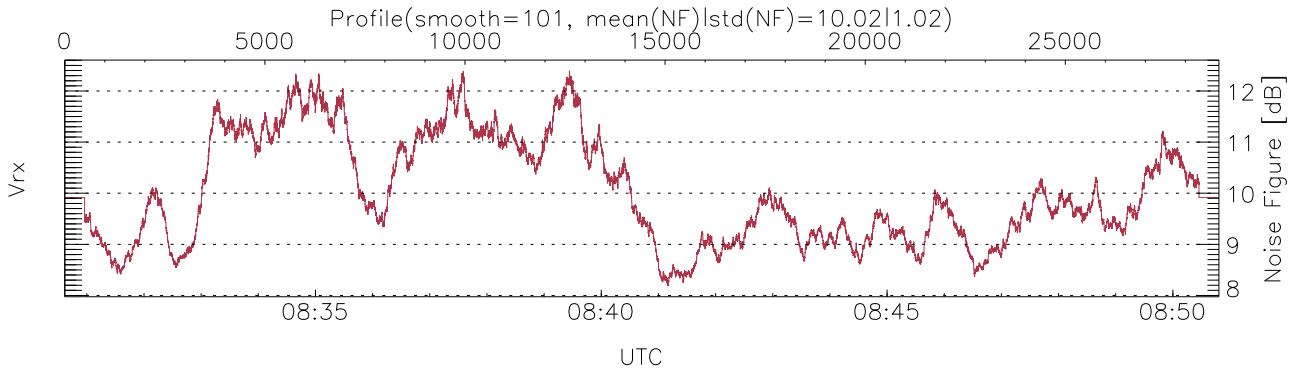
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 08:30:37-08:50:48, Dur: 1211.54s  
 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): 28840/28840, 0-28839/08:30:37-08:50:48  
 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



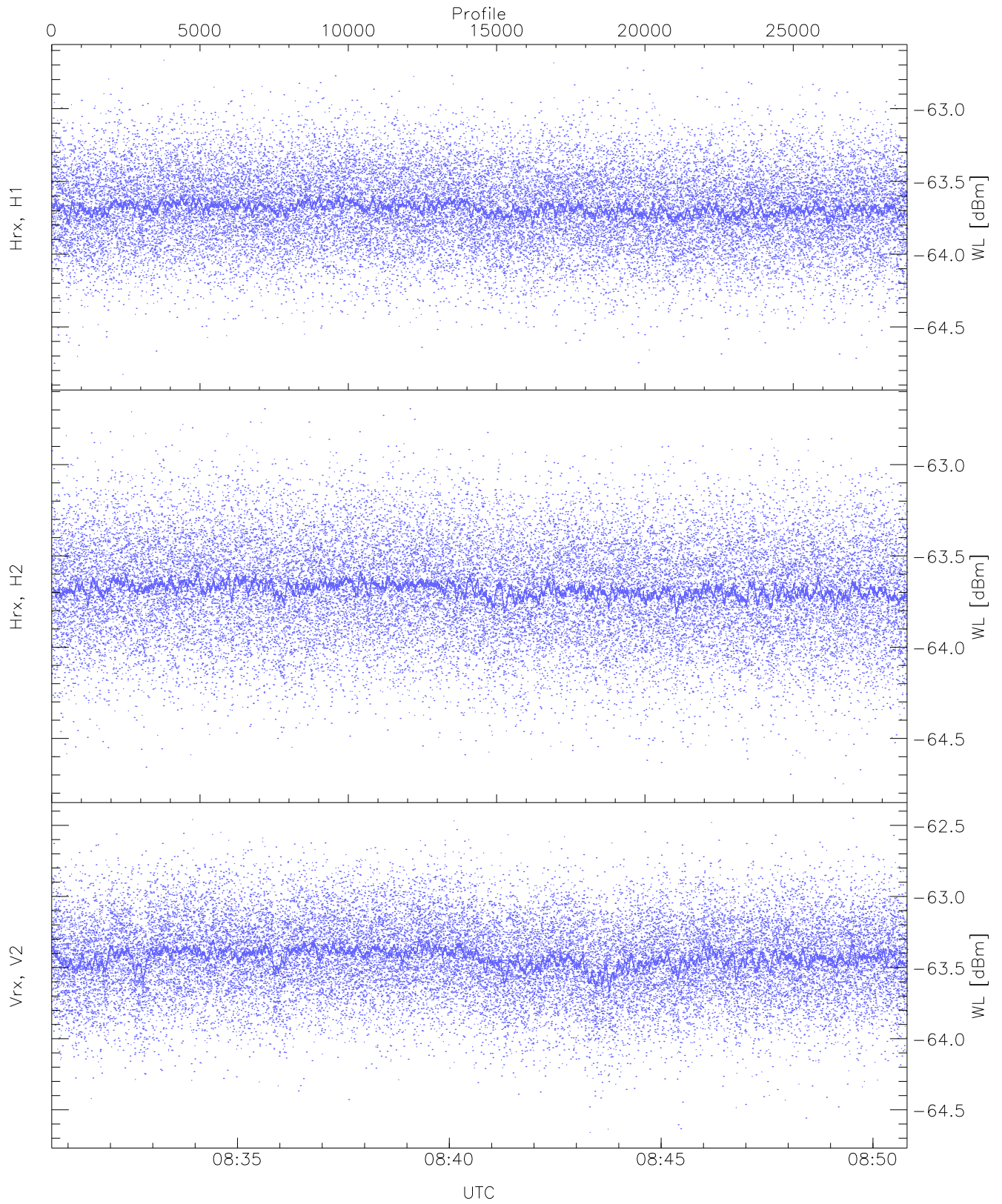
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,25,27,32  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,30,34  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



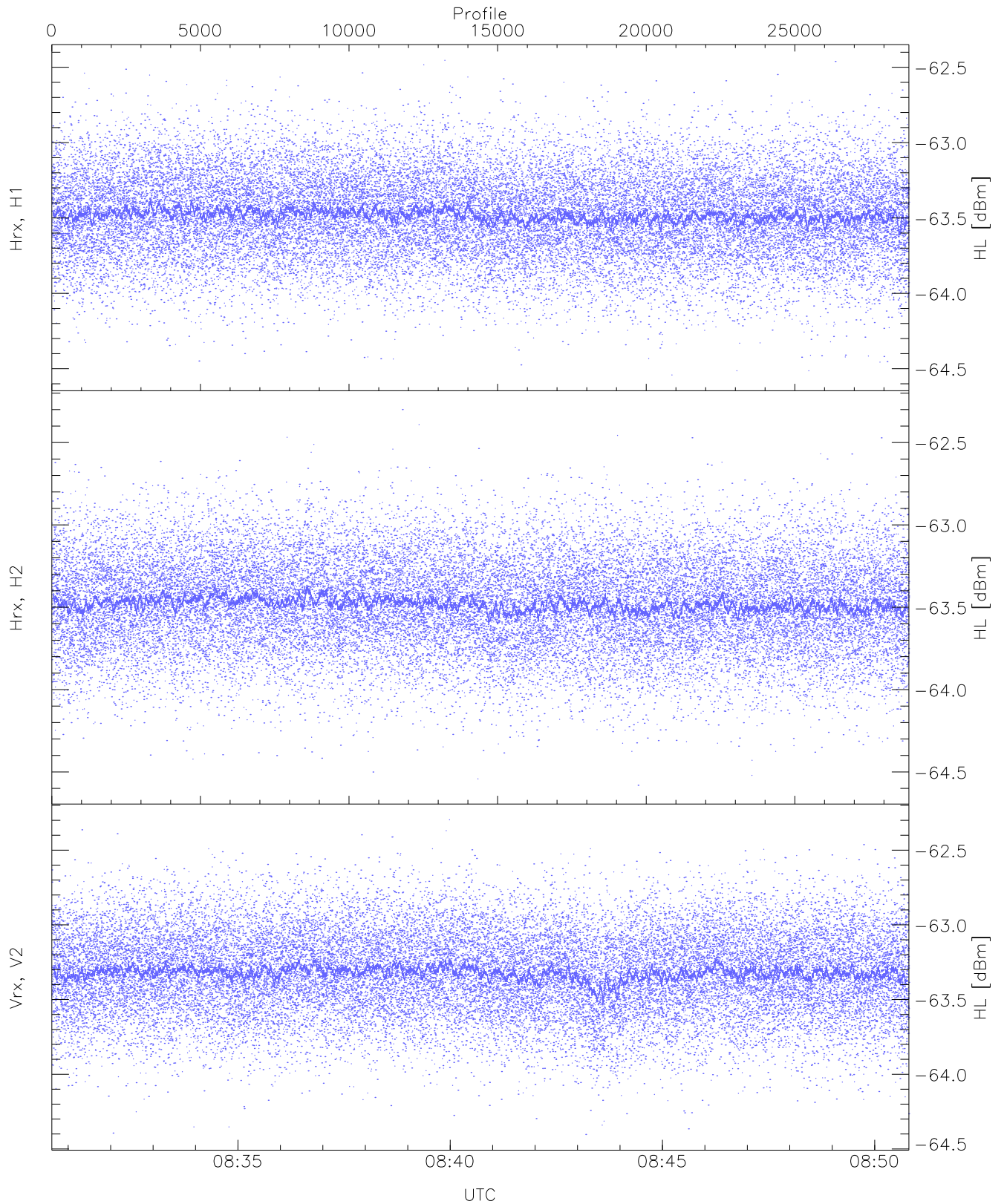
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5950 pixs, 24 gates, 4600 profs, 2 prods



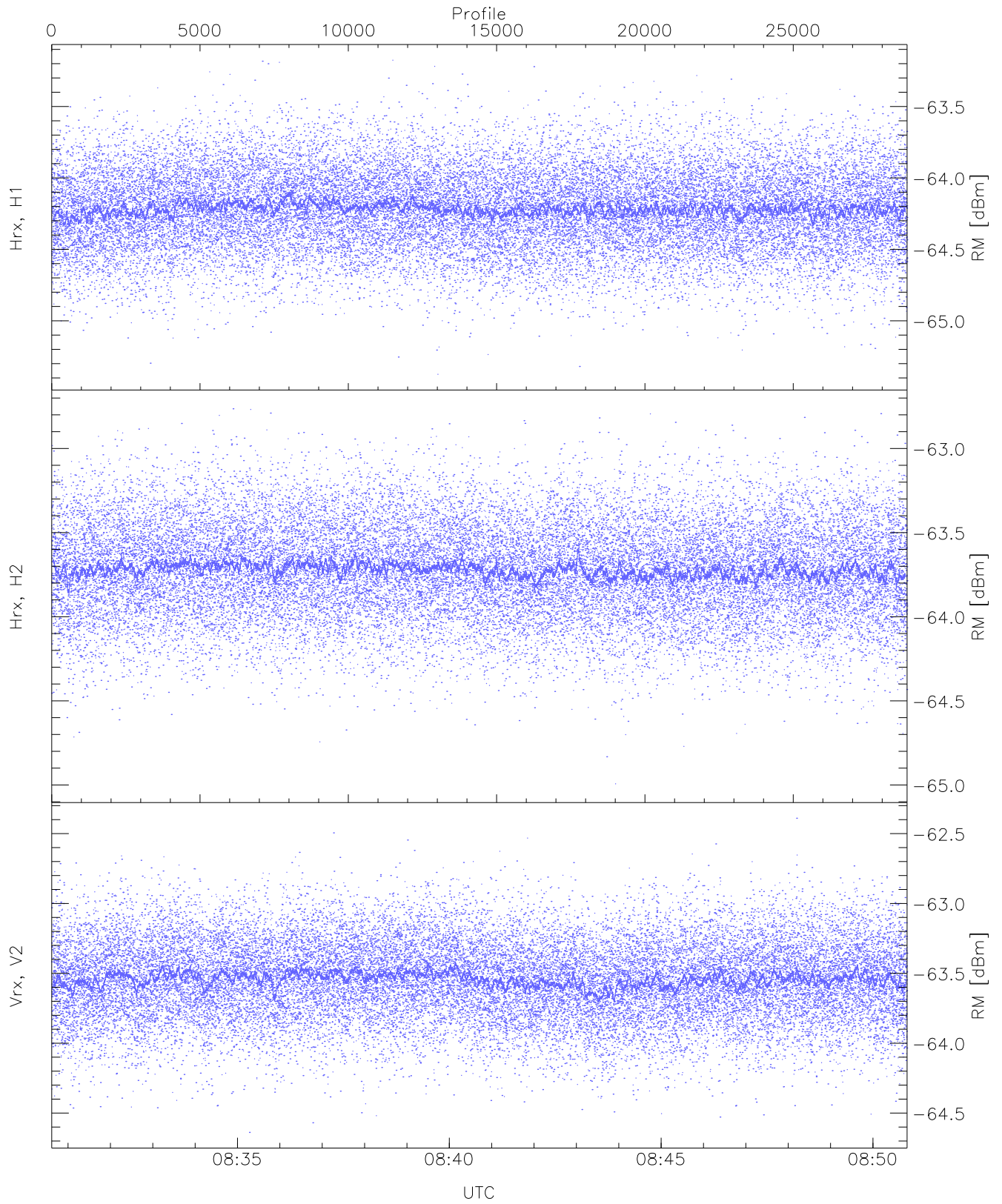
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.83	-62.67	-63.68	-63.69	-75.83
Hrx, H2 (WL [dBm])	-64.75	-62.69	-63.68	-63.68	-75.79
Vrx, V2 (WL [dBm])	-64.66	-62.45	-63.43	-63.43	-75.45



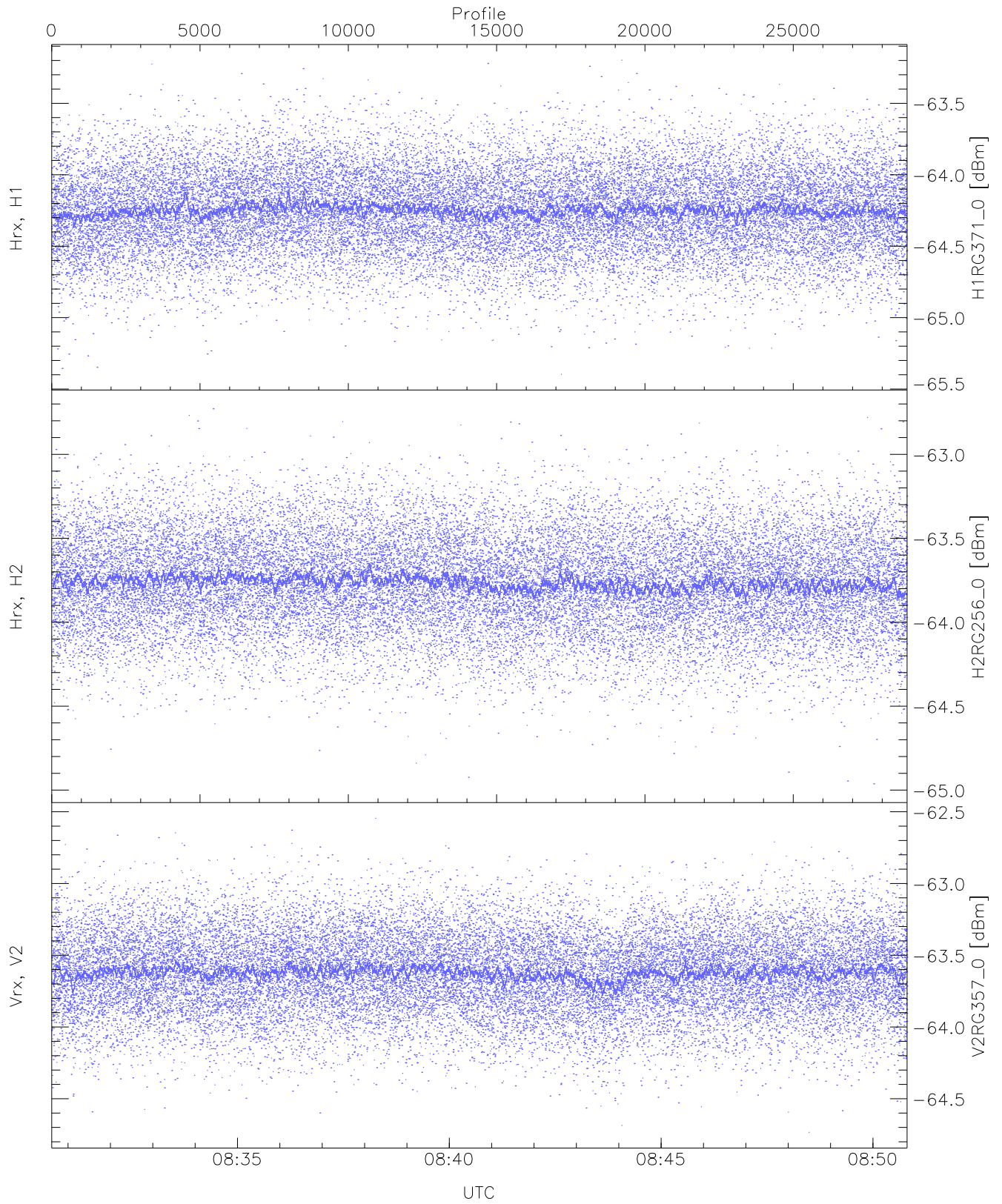
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.54	-62.45	-63.48	-63.48	-75.60
Hrx, H2 (HL [dBm])	-64.58	-62.30	-63.48	-63.48	-75.59
Vrx, V2 (HL [dBm])	-64.40	-62.30	-63.32	-63.32	-75.44



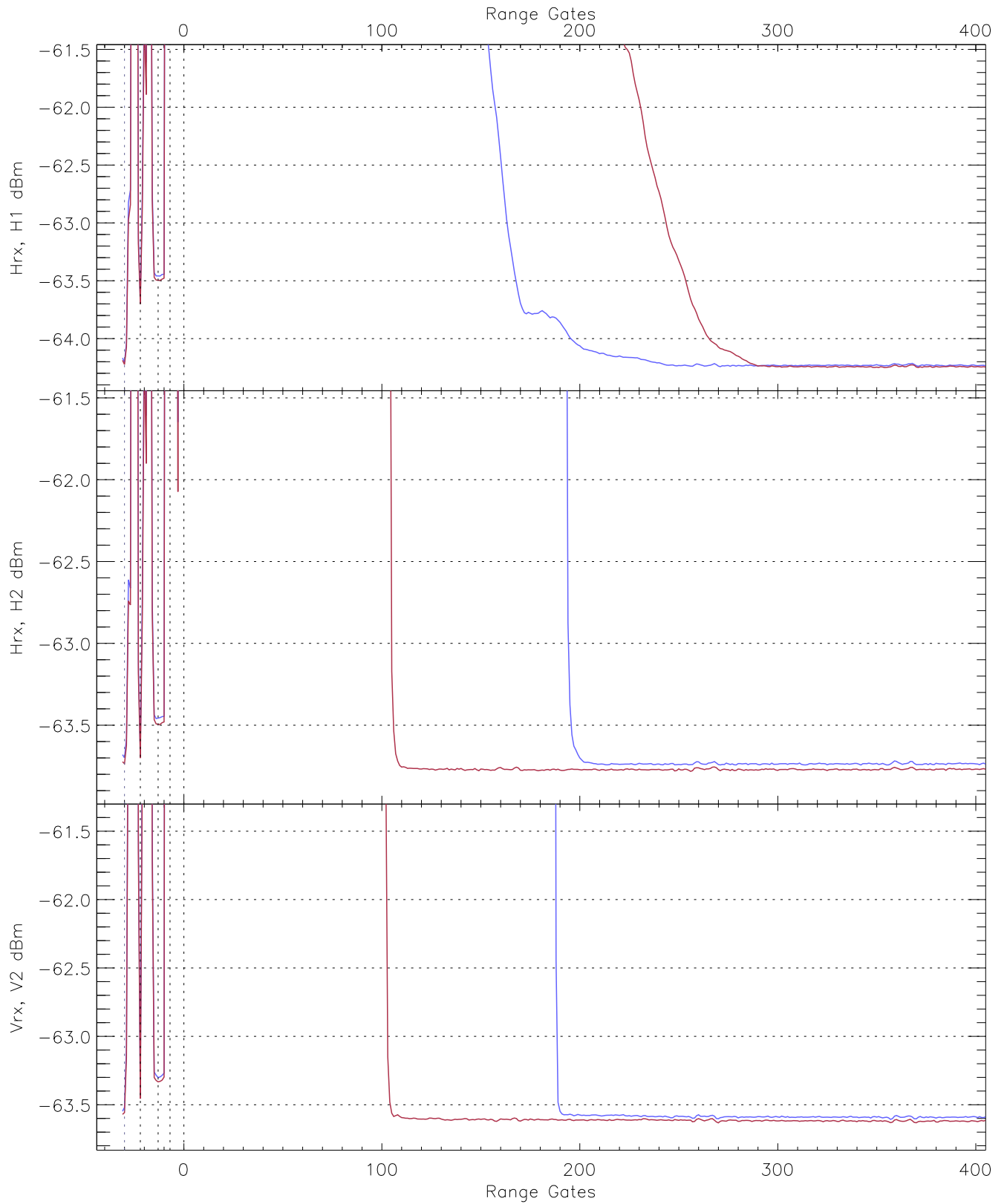
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.37	-63.18	-64.21	-64.22	-76.33
Hrx, H2 (RM [dBm])	-64.99	-62.76	-63.72	-63.72	-75.85
Vrx, V2 (RM [dBm])	-64.64	-62.39	-63.54	-63.54	-75.62



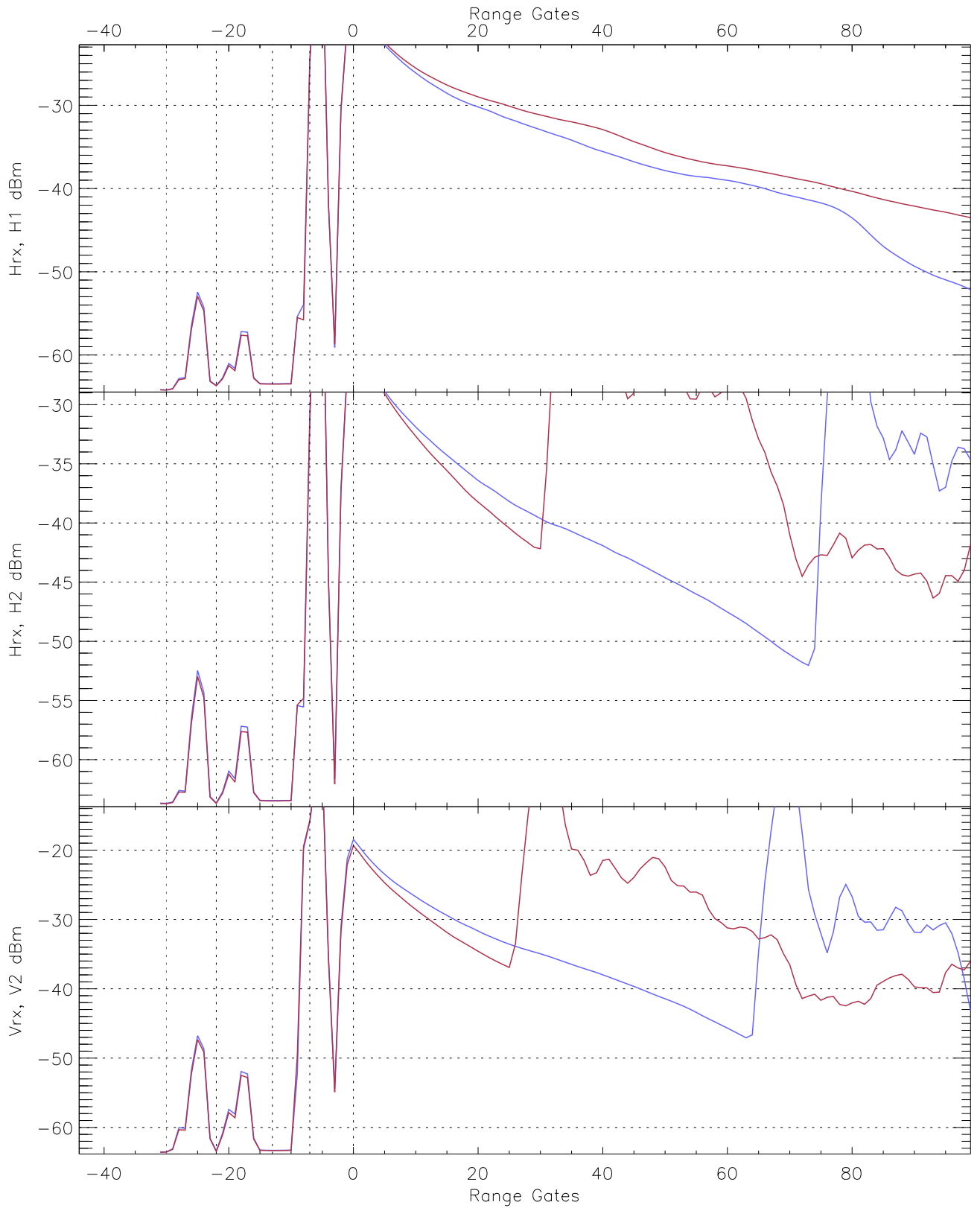
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG371_0 [dBm]	-65.40	-63.20	-64.24	-64.25	-76.32
H2RG256_0 [dBm]	-64.96	-62.73	-63.76	-63.77	-75.88
V2RG357_0 [dBm]	-64.73	-62.55	-63.62	-63.62	-75.75

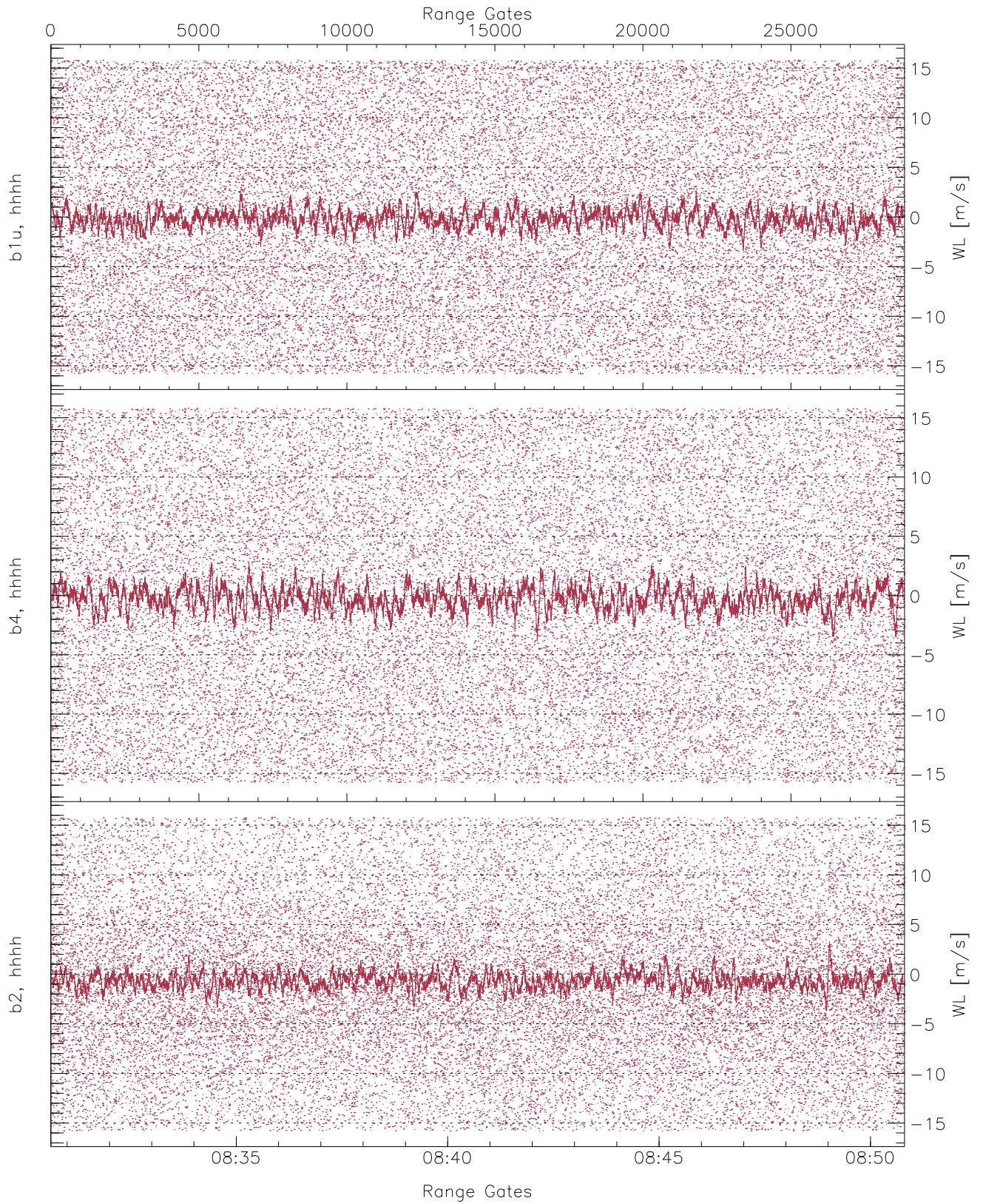


WCR2 CPP Averaged Received power for all recorded gates  
blue: 083037-084043, 14421 profiles averaged  
red: 084043-085048, 14420 profiles averaged

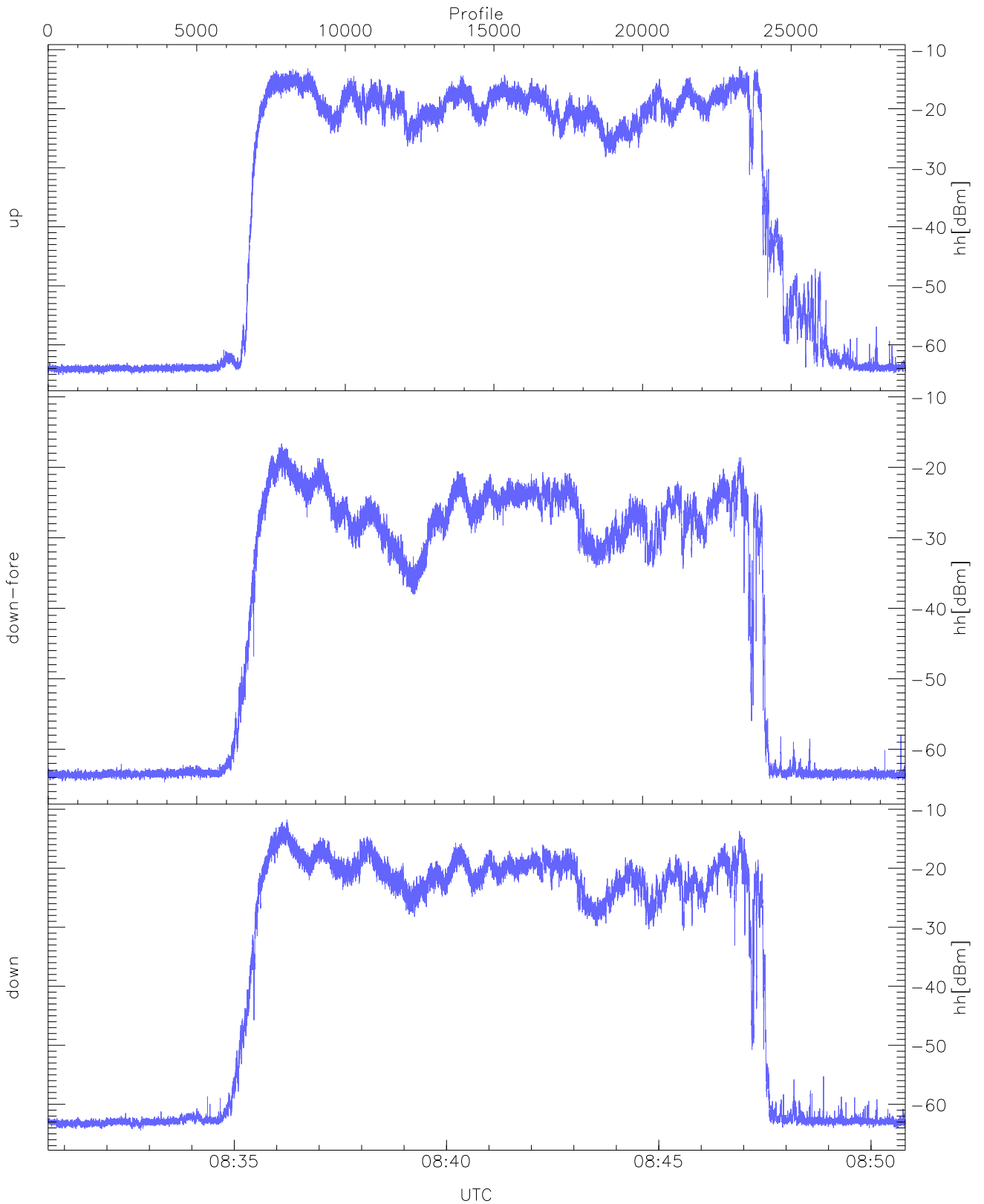




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 083037-084043, 14421 profiles averaged  
red: 084043-085048, 14420 profiles averaged

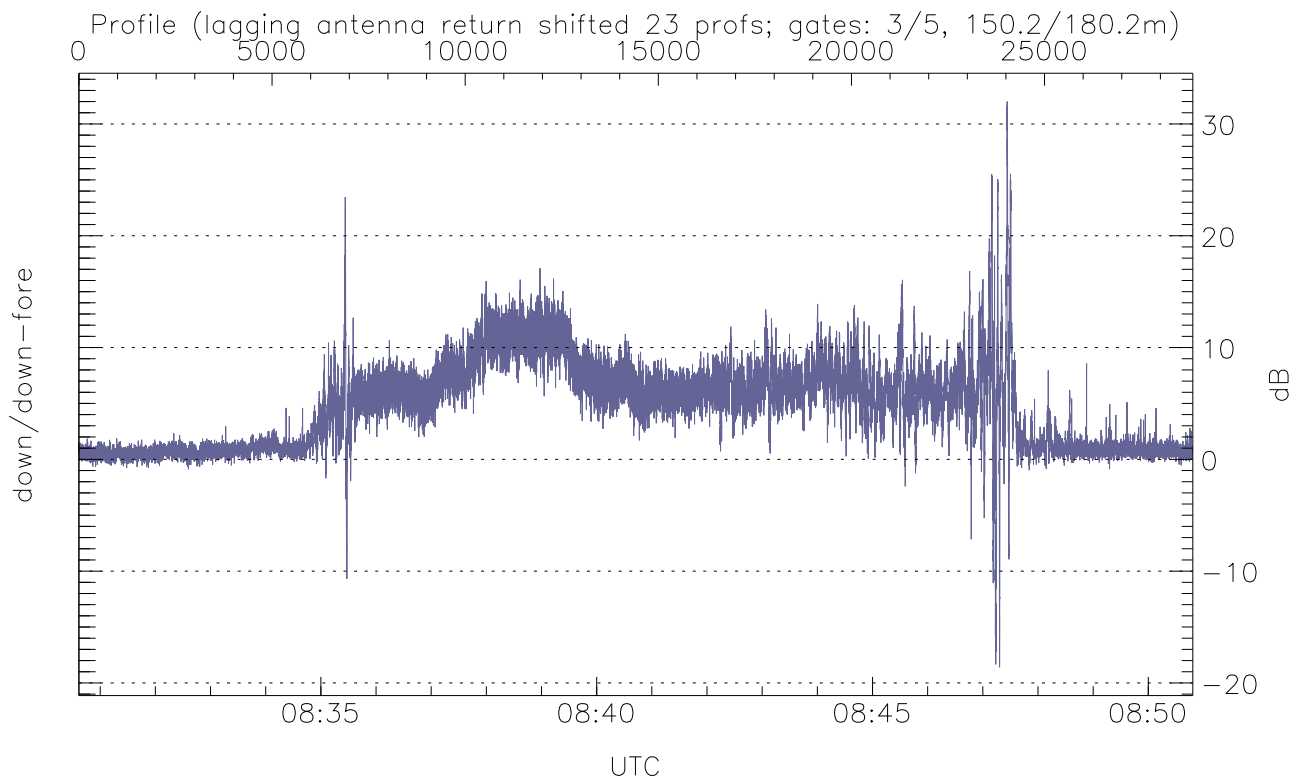
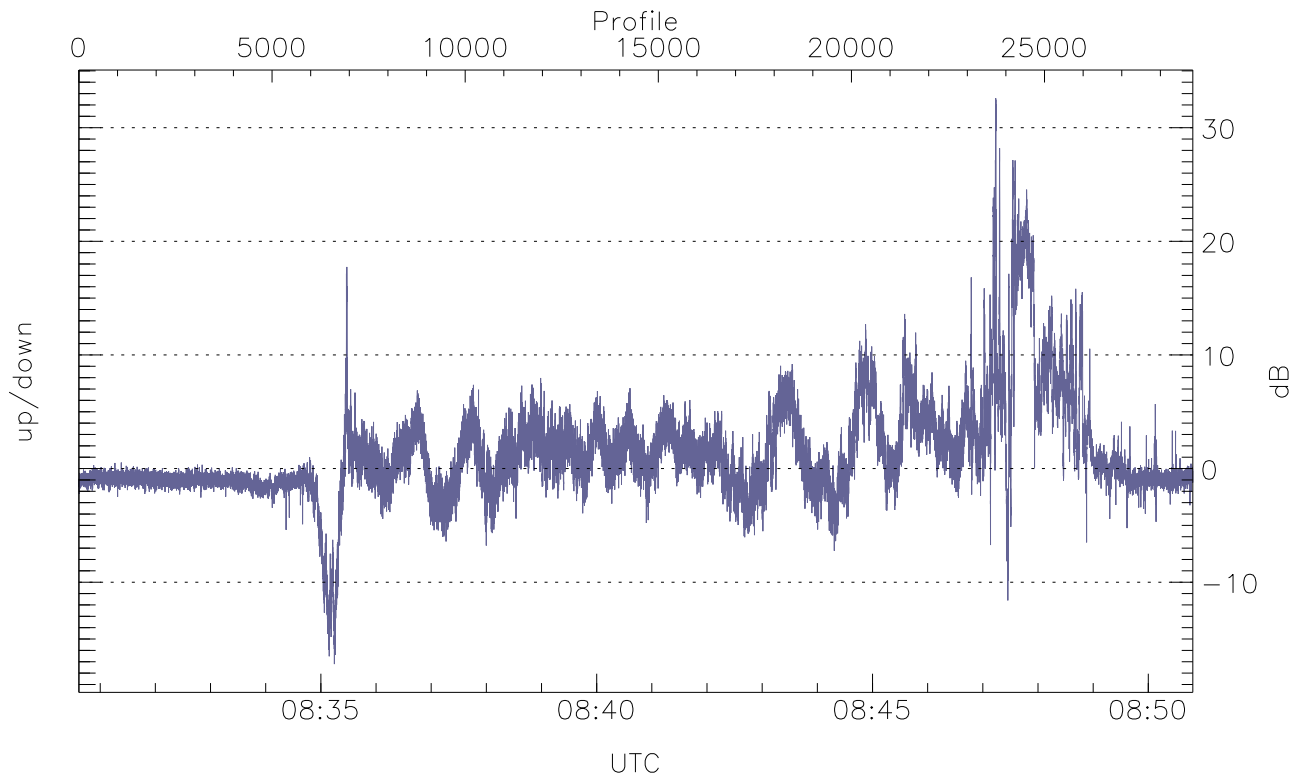


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



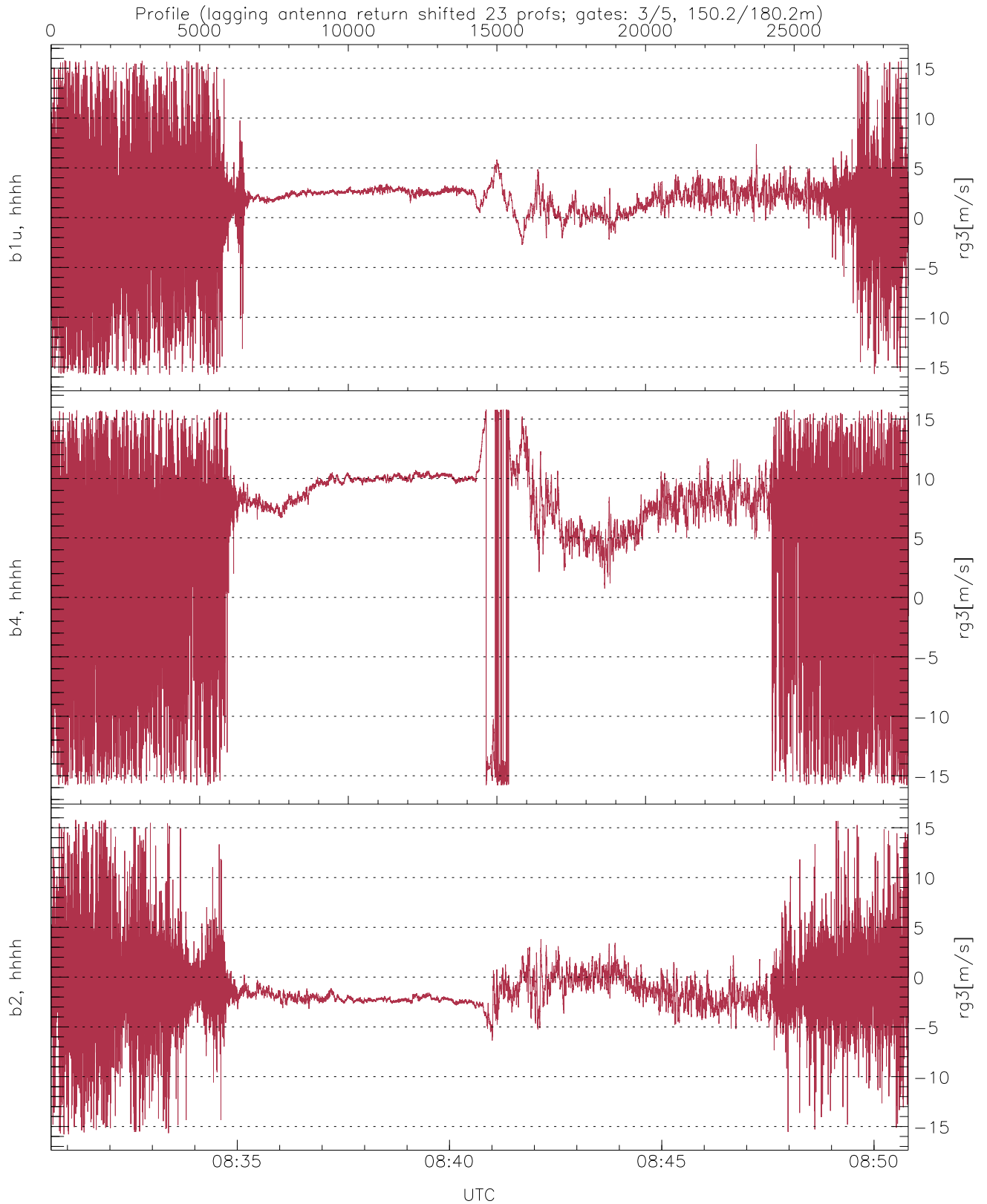
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-65.11	-12.81	-20.83
down-fore(hh[dBm])	-64.67	-16.63	-27.22
down(hh[dBm])	-64.41	-11.79	-22.22



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-17.20	32.58	1.35
down/down-fore (dB)	-18.60	32.01	4.76



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	1.41	3.24
b4, hhhh(rg3[m/s])	-15.80	15.80	5.35	6.43
b2, hhhh(rg3[m/s])	-15.79	15.79	-1.28	2.60