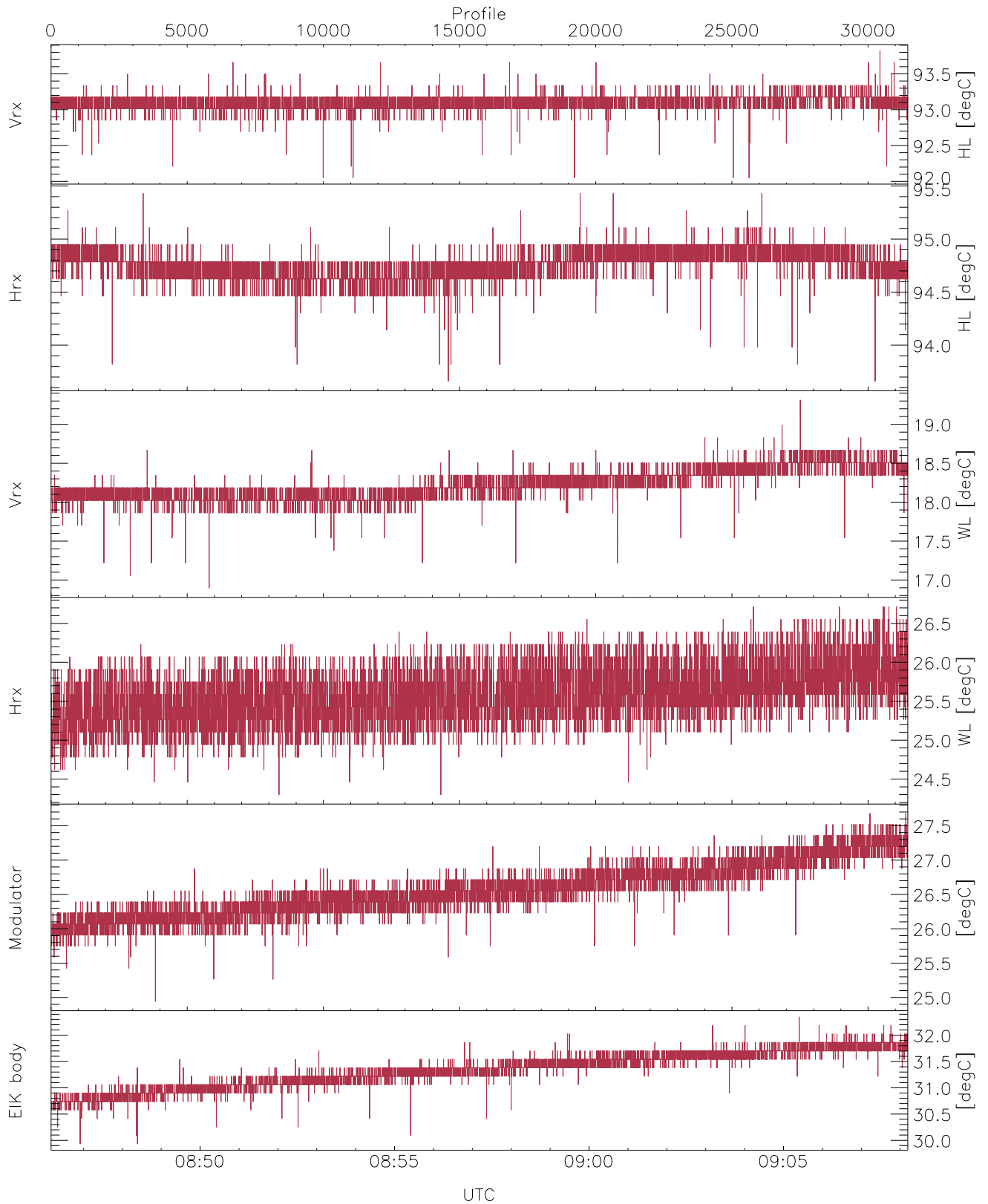


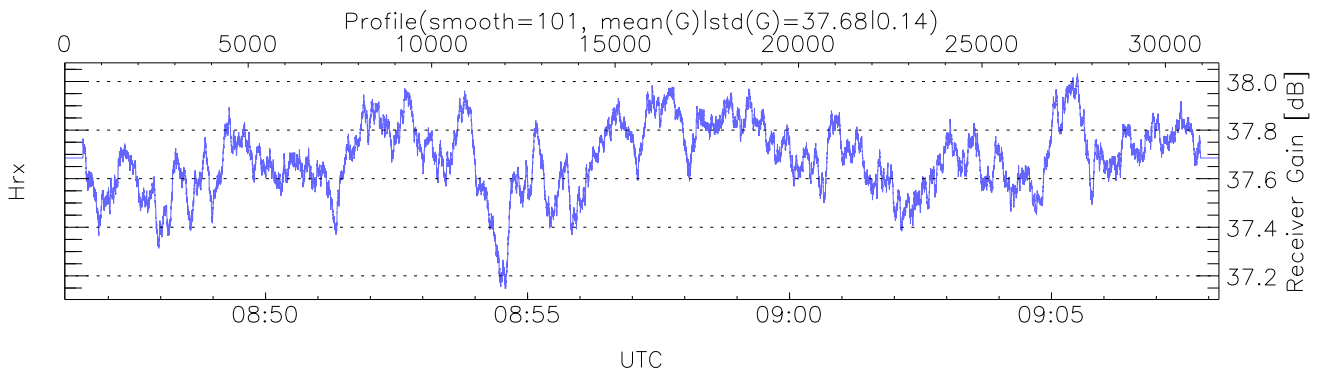
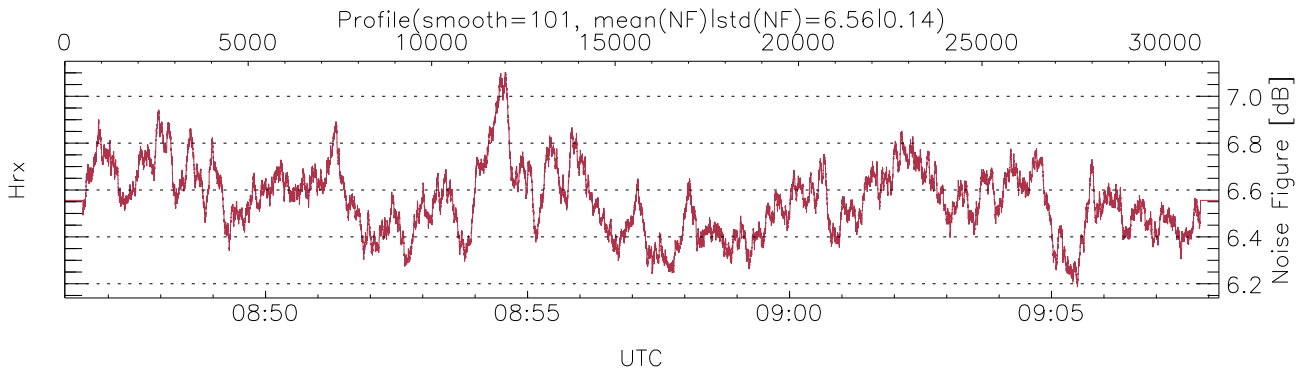
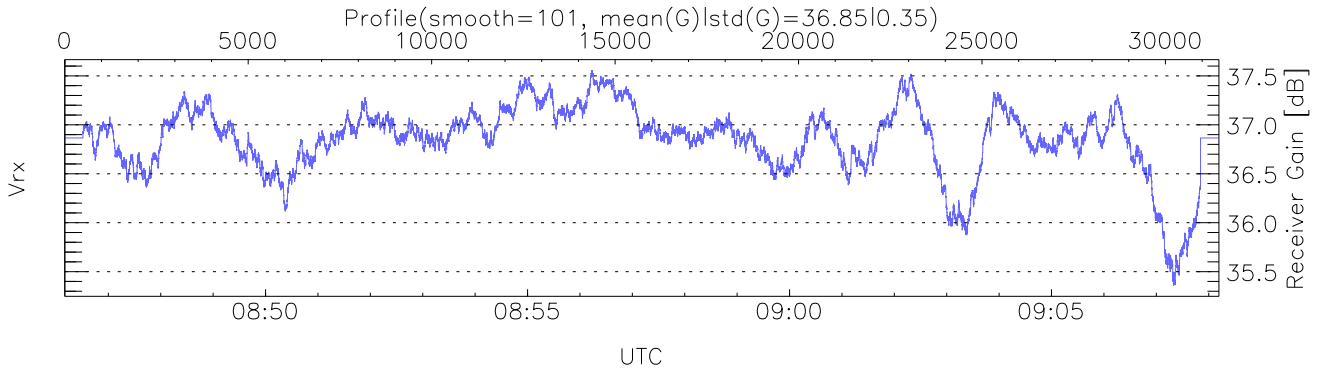
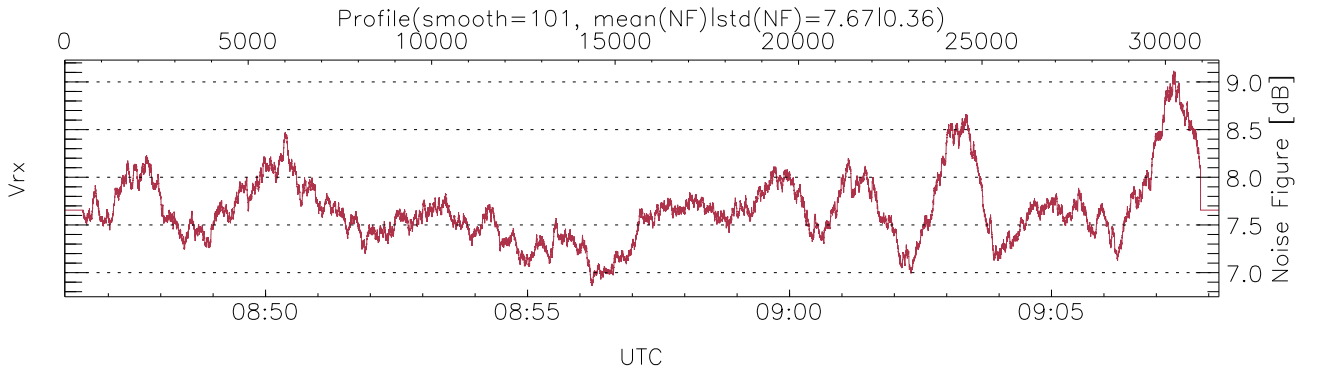
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 08:46:10-09:08:12, Dur: 1321.61s  
 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): 31460/31460, 0-31459/08:46:10-09:08:12  
 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,rqs): 105,6187,15.0 m, Gates: 406, Aspect: 4.0  
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



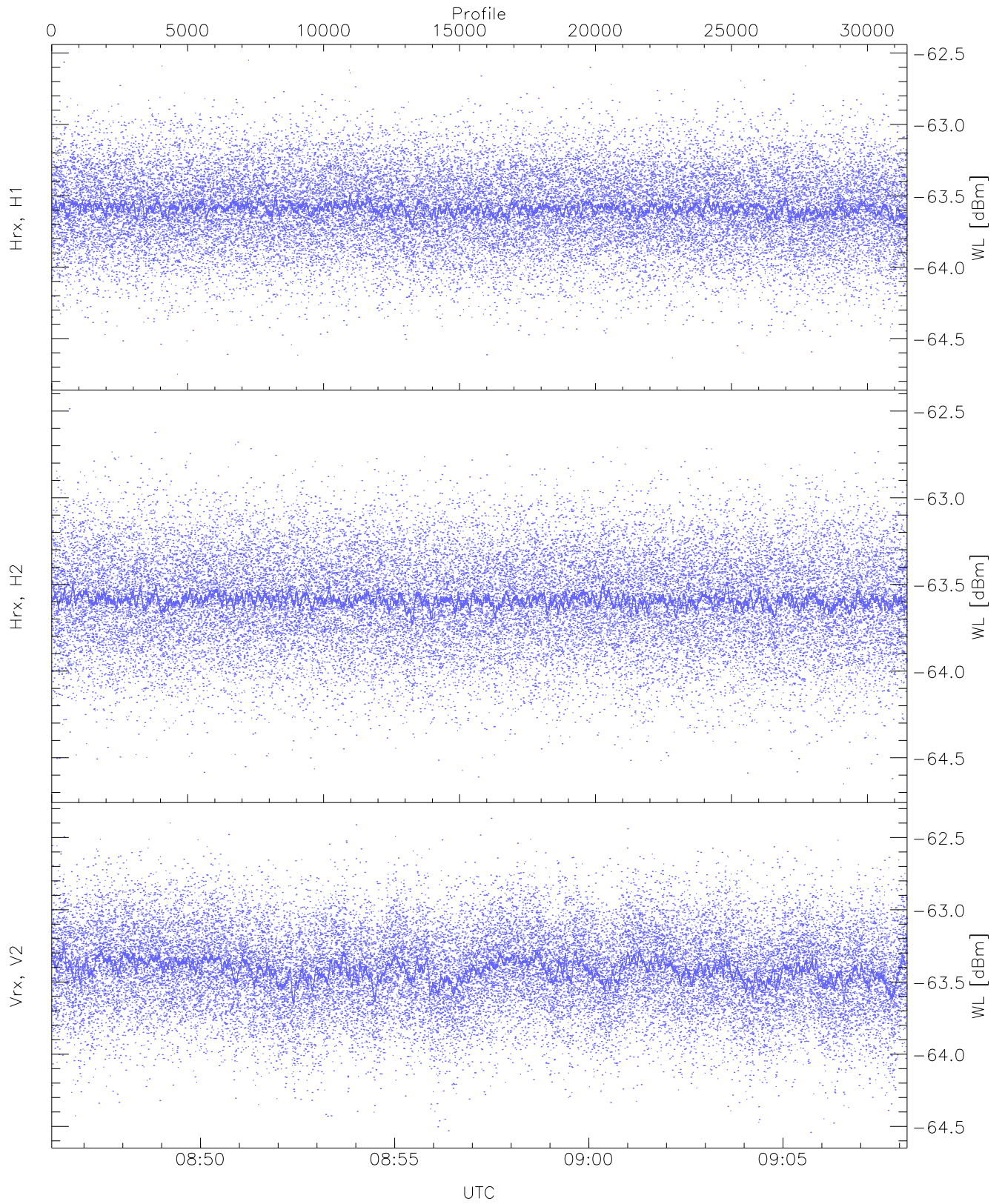
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,24,29  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,19,26,27,32  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



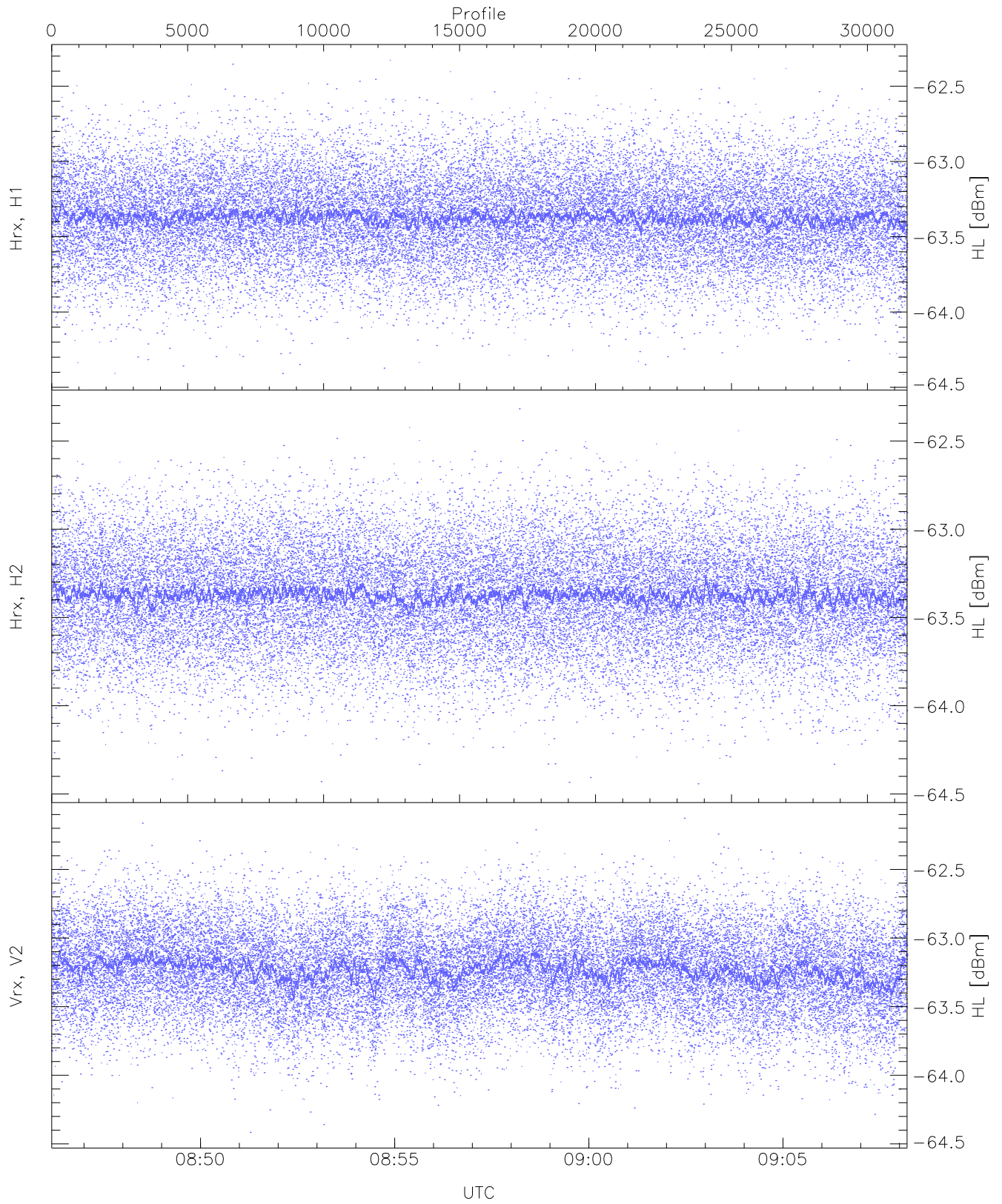
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1530 pixs, 32 gates, 1042 profs, 1 prods



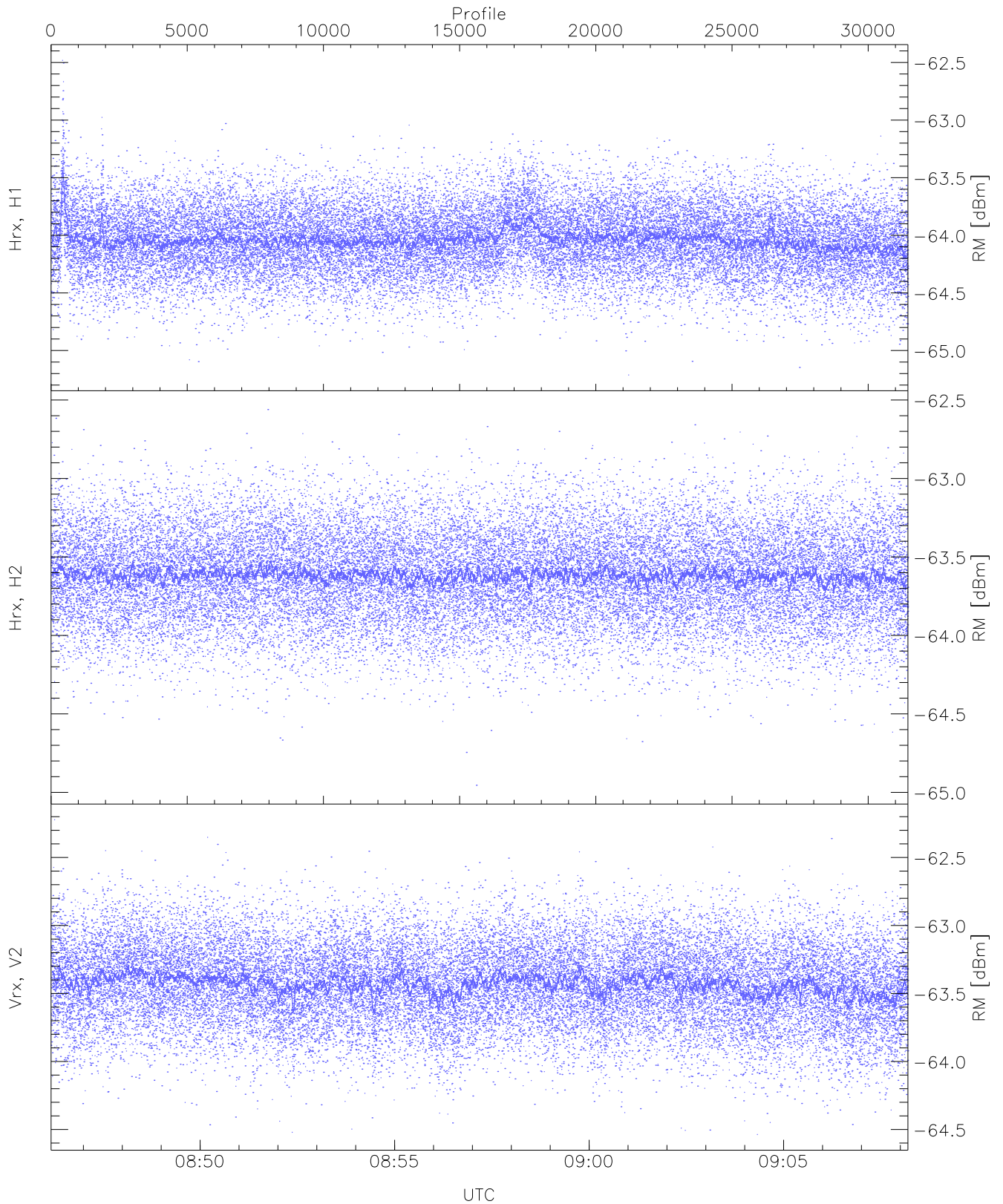
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.75	-62.55	-63.59	-63.59	-75.74
Hrx, H2(WL [dBm])	-64.65	-62.49	-63.59	-63.59	-75.70
Vrx, V2(WL [dBm])	-64.54	-62.37	-63.41	-63.42	-75.32



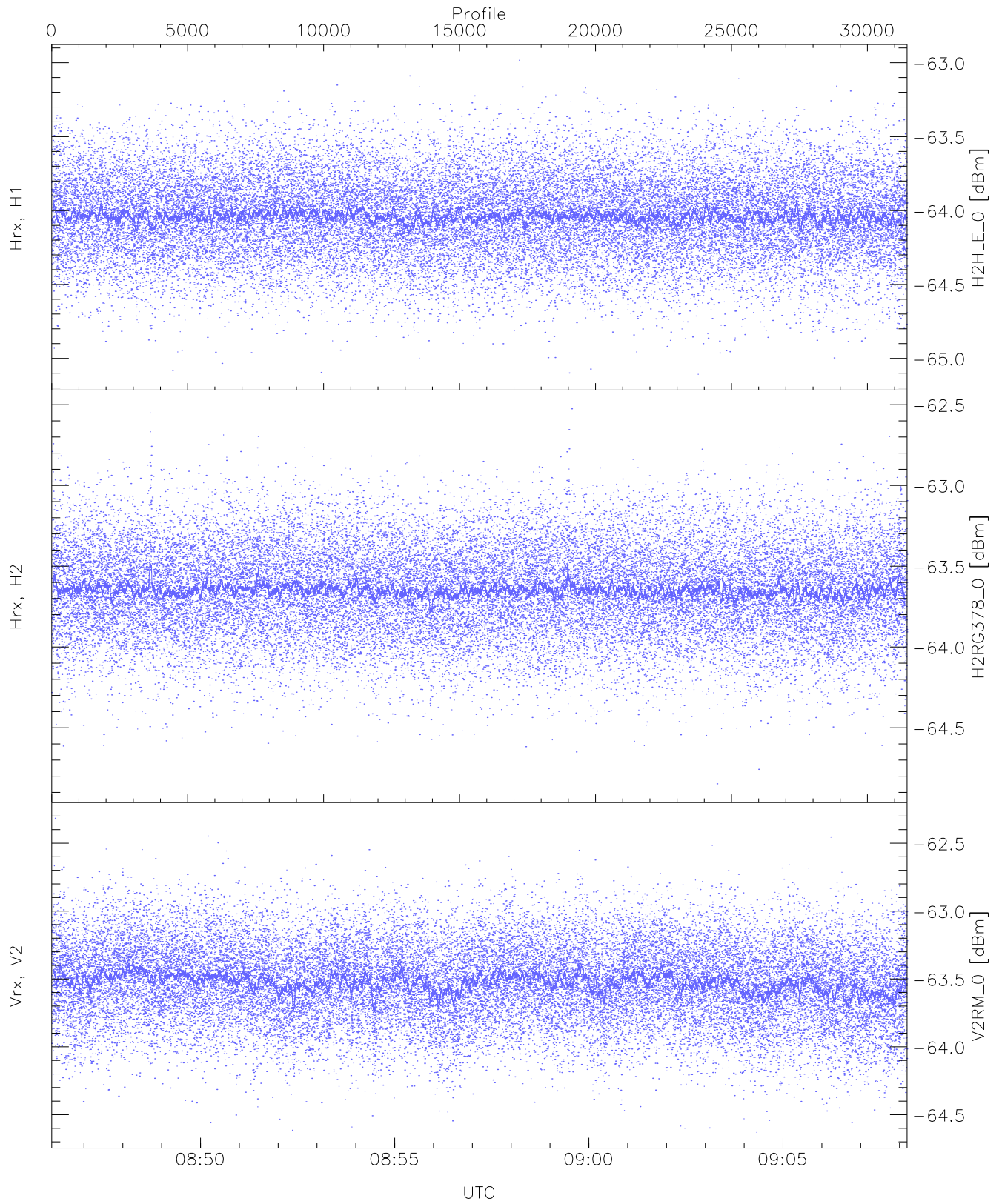
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.41	-62.33	-63.37	-63.37	-75.48
Hrx, H2 (HL [dBm])	-64.44	-62.32	-63.37	-63.37	-75.54
Vrx, V2 (HL [dBm])	-64.42	-62.13	-63.23	-63.23	-75.19



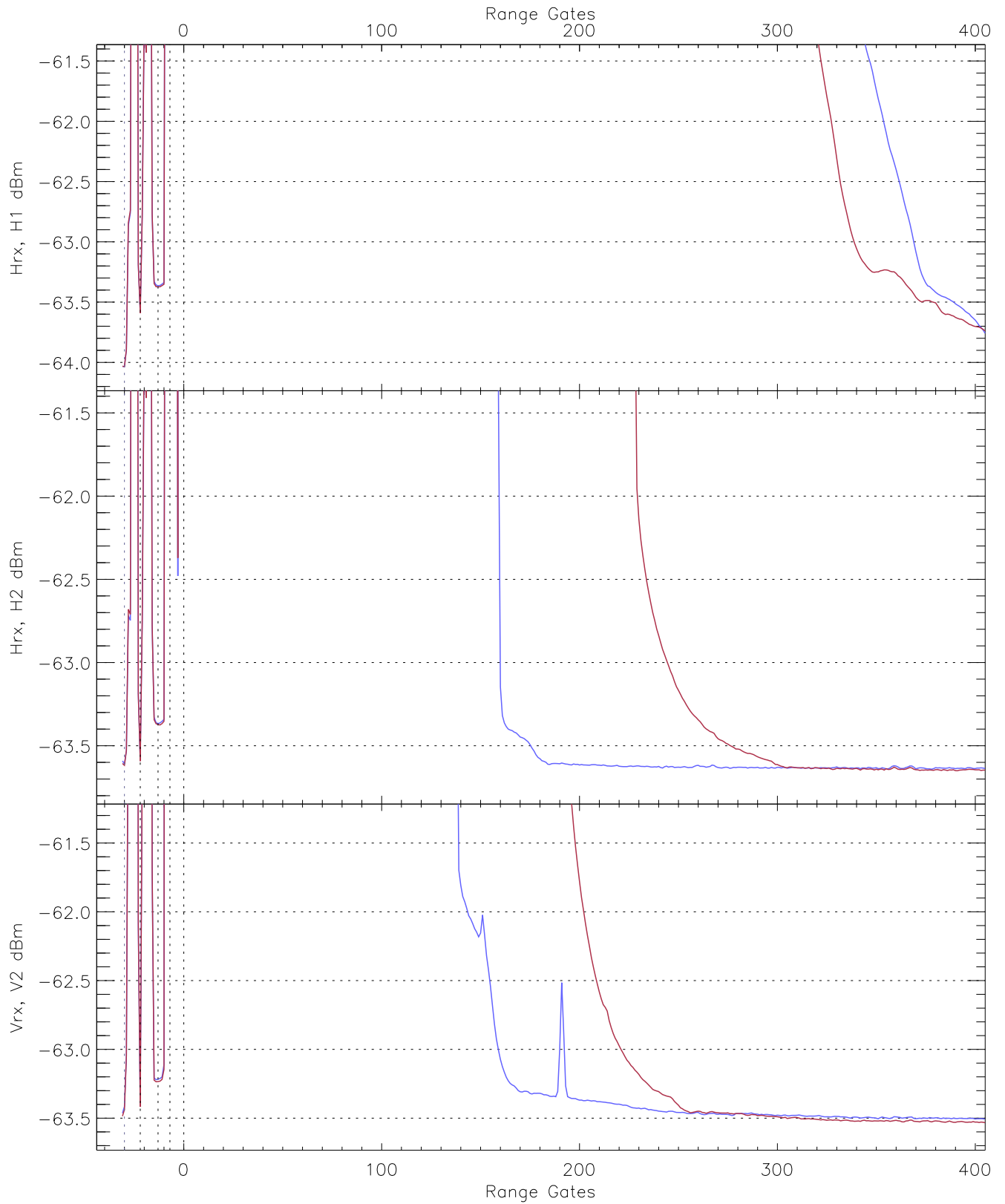
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.21	-62.48	-64.04	-64.04	-76.05
Hrx, H2 (RM [dBm])	-64.95	-62.56	-63.61	-63.62	-75.73
Vrx, V2 (RM [dBm])	-64.54	-62.22	-63.43	-63.43	-75.37



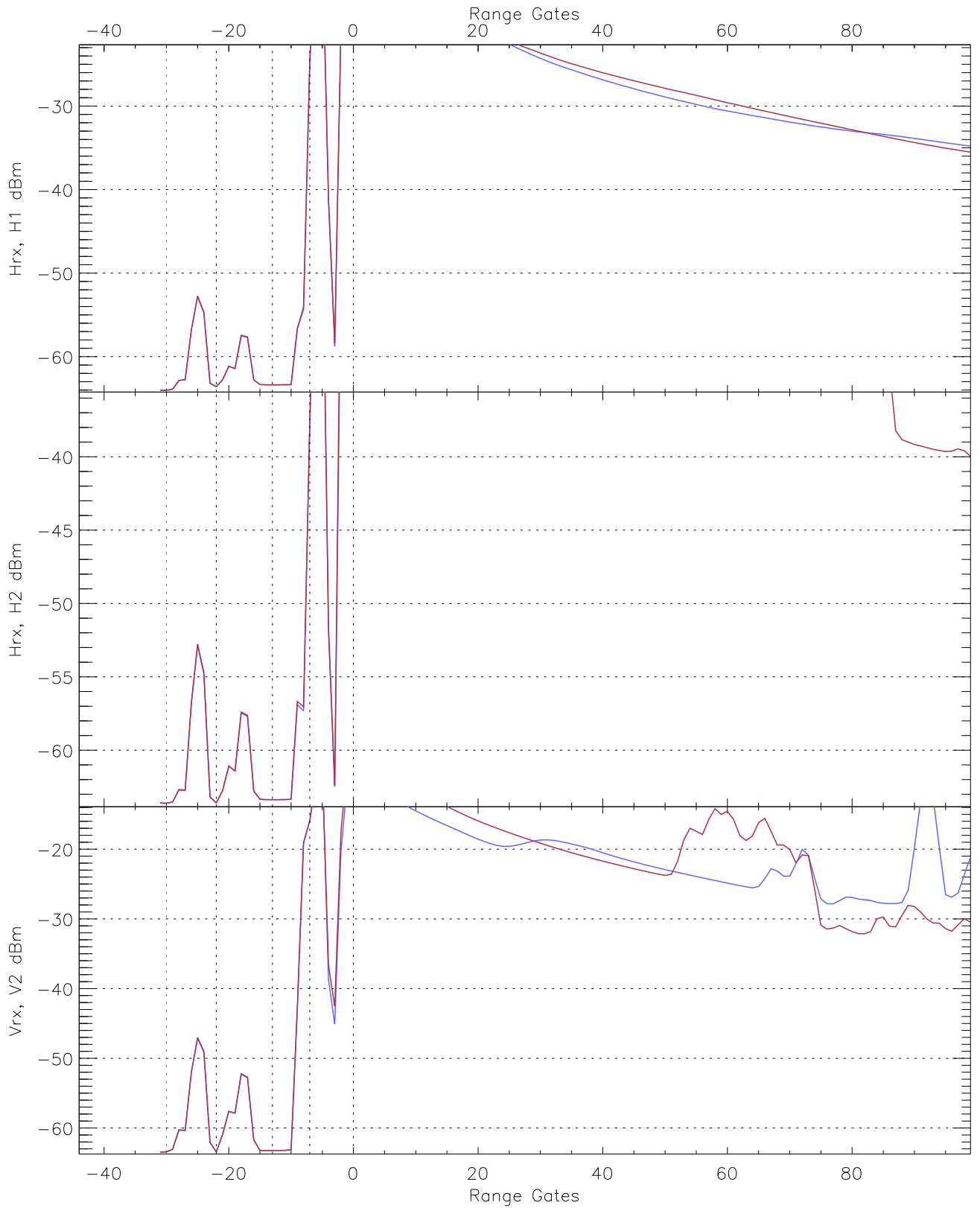
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H2HLE_0 [dBm]	-65.11	-62.98	-64.04	-64.04	-76.20
H2RG378_0 [dBm]	-64.85	-62.53	-63.64	-63.65	-75.79
V2RM_0 [dBm]	-64.63	-62.32	-63.52	-63.53	-75.46

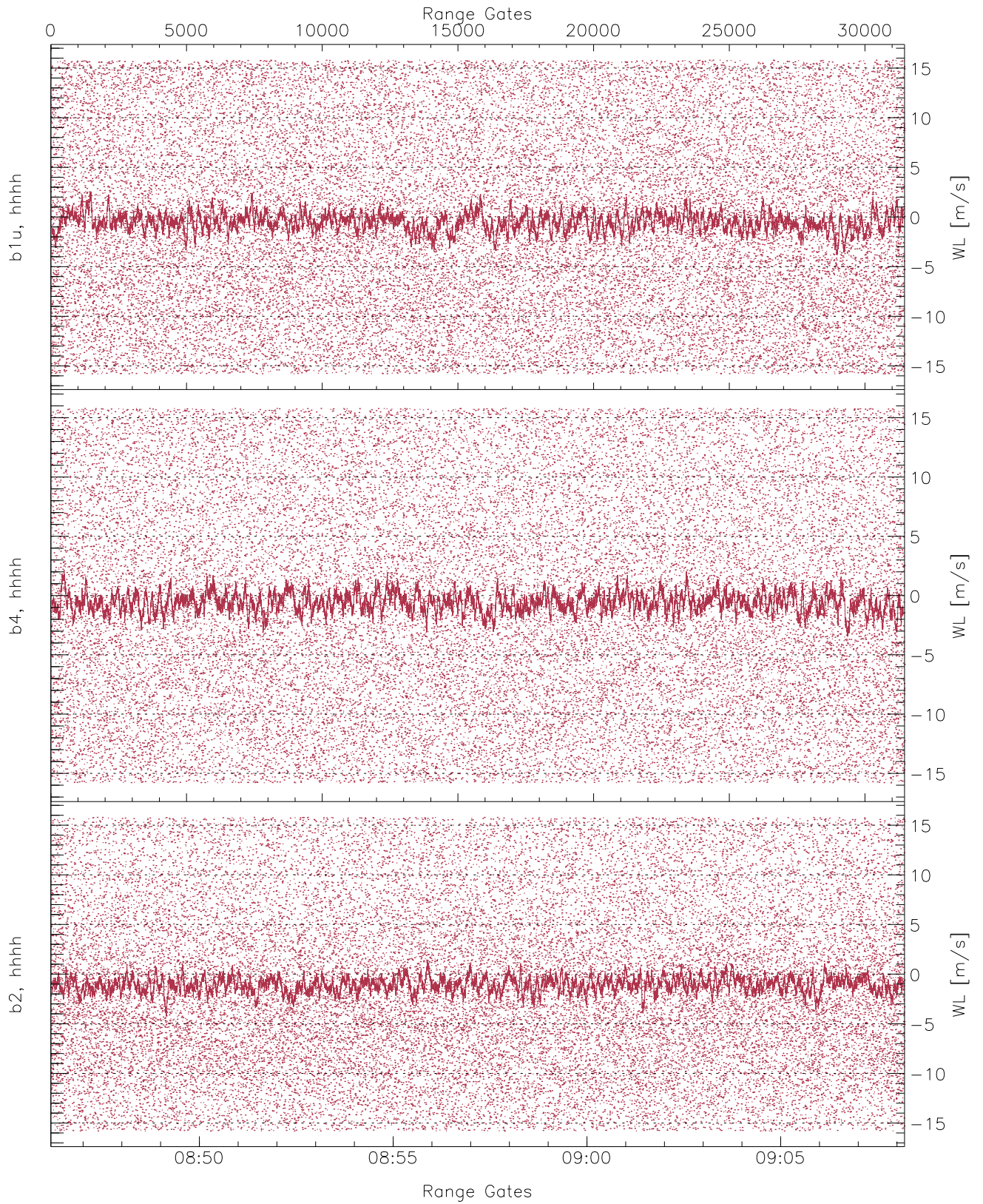


WCR2 CPP Averaged Received power for all recorded gates  
blue: 084610-085711, 15731 profiles averaged  
red: 085711-090812, 15730 profiles averaged

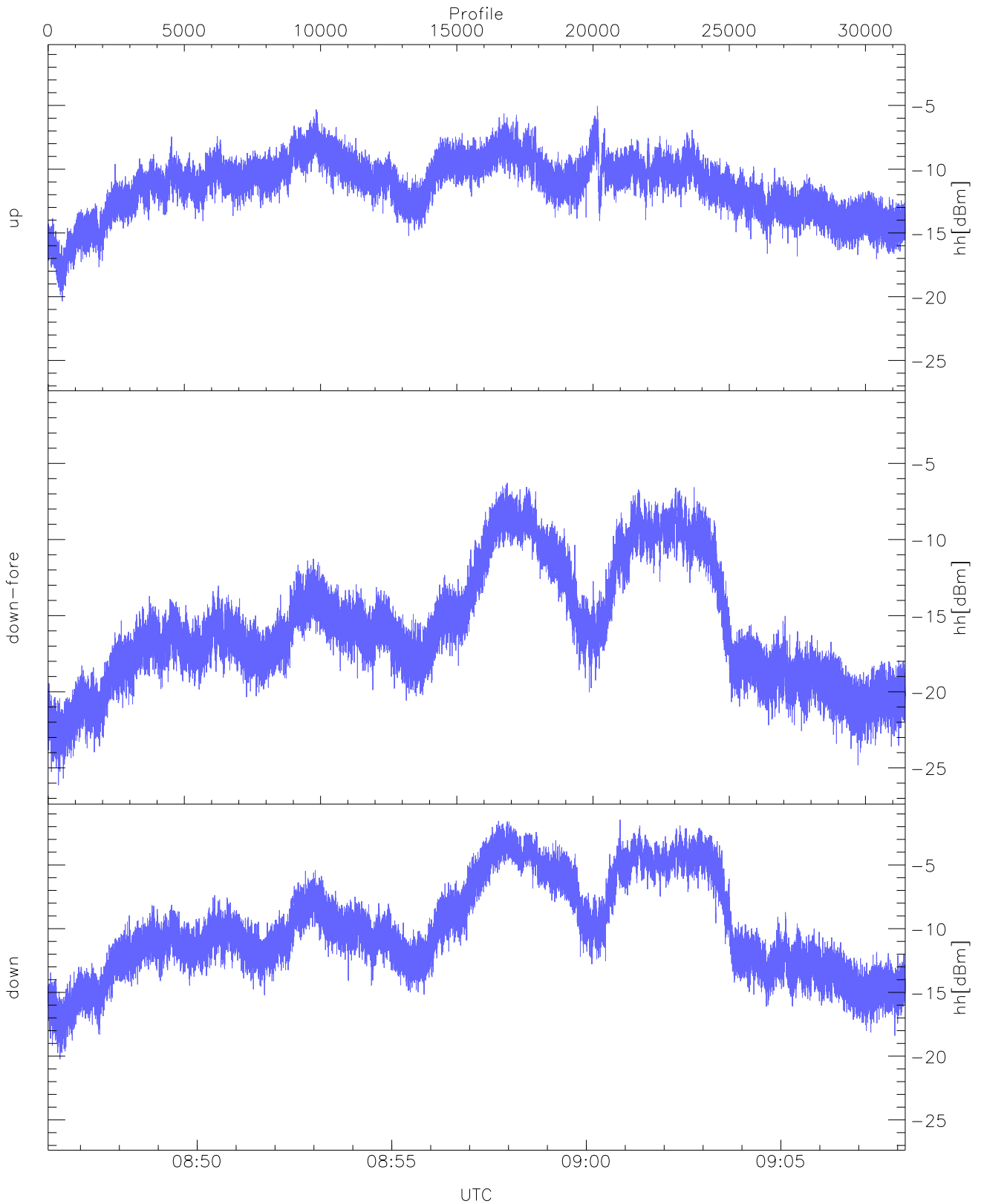




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 084610-085711, 15731 profiles averaged  
red: 085711-090812, 15730 profiles averaged

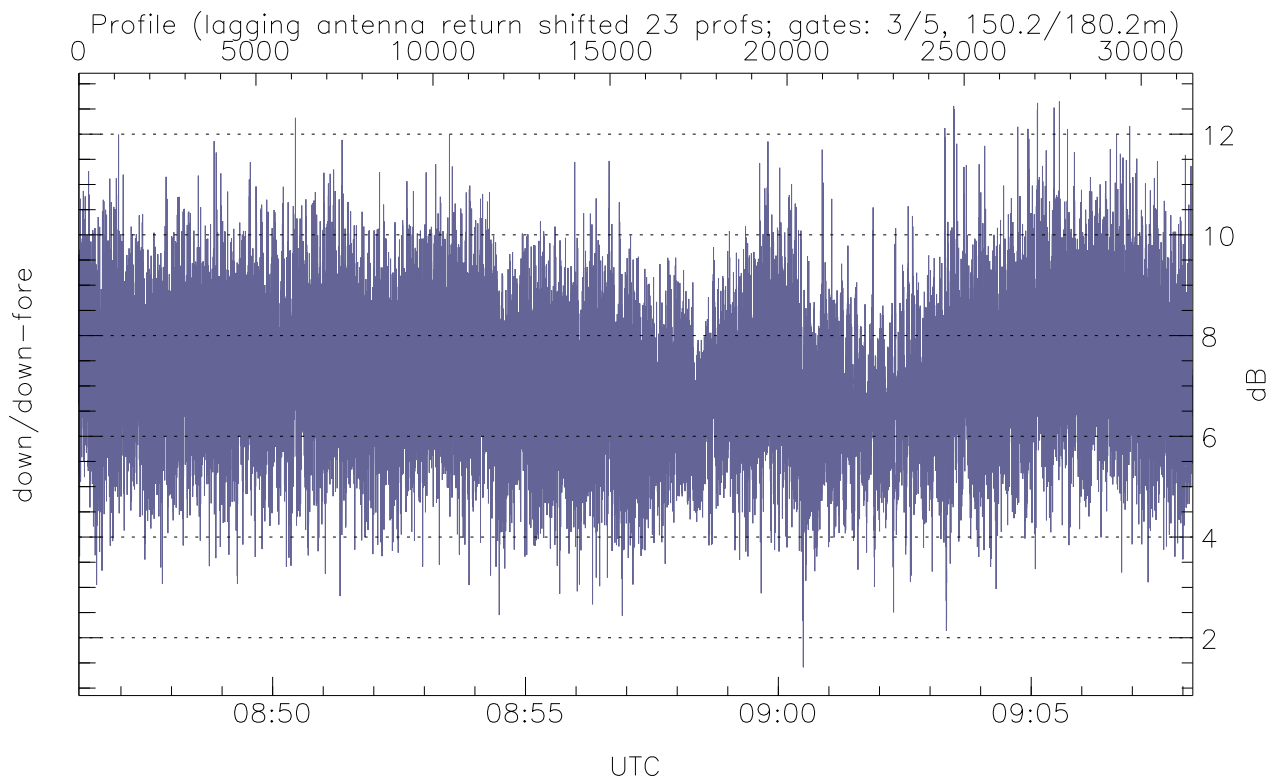
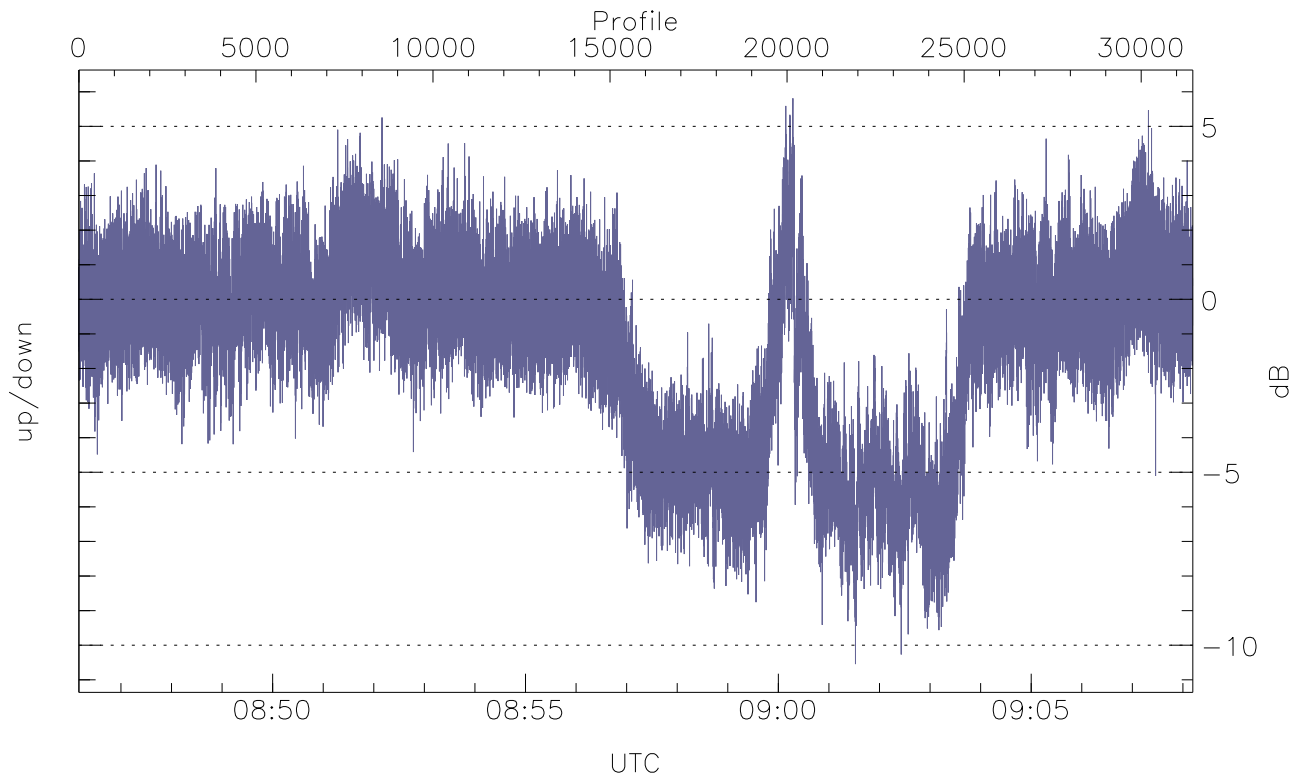


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



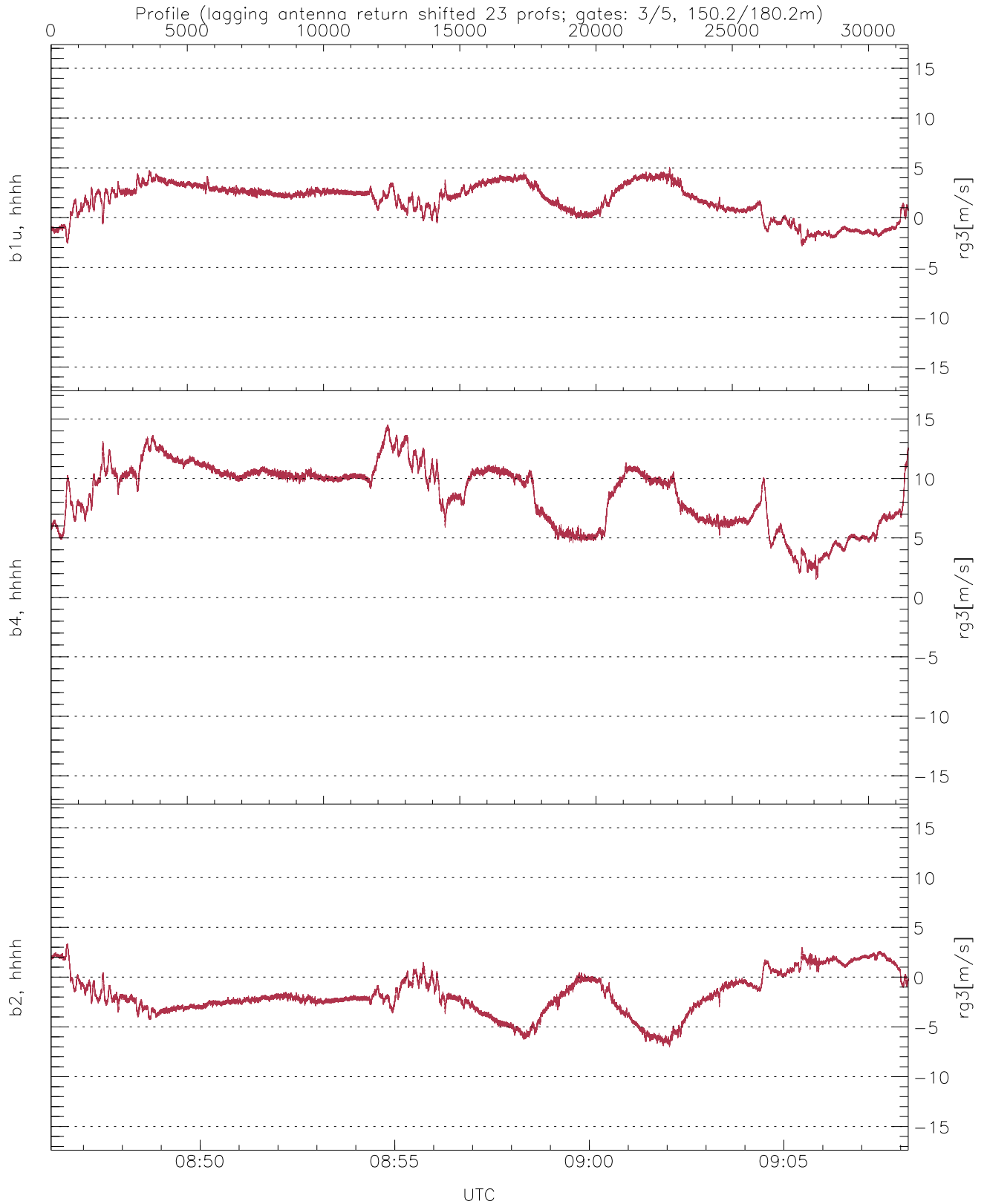
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-20.37	-5.04	-10.76
down-fore(hh[dBm])	-26.14	-6.28	-13.88
down(hh[dBm])	-20.25	-1.46	-8.36



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-10.55	5.81	-1.30
down/down-fore (dB)	1.41	12.65	7.19



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-2.87	5.09	1.72	1.73
b4, hhhh(rg3[m/s])	1.51	14.50	8.66	2.66
b2, hhhh(rg3[m/s])	-7.04	3.36	-1.76	2.11