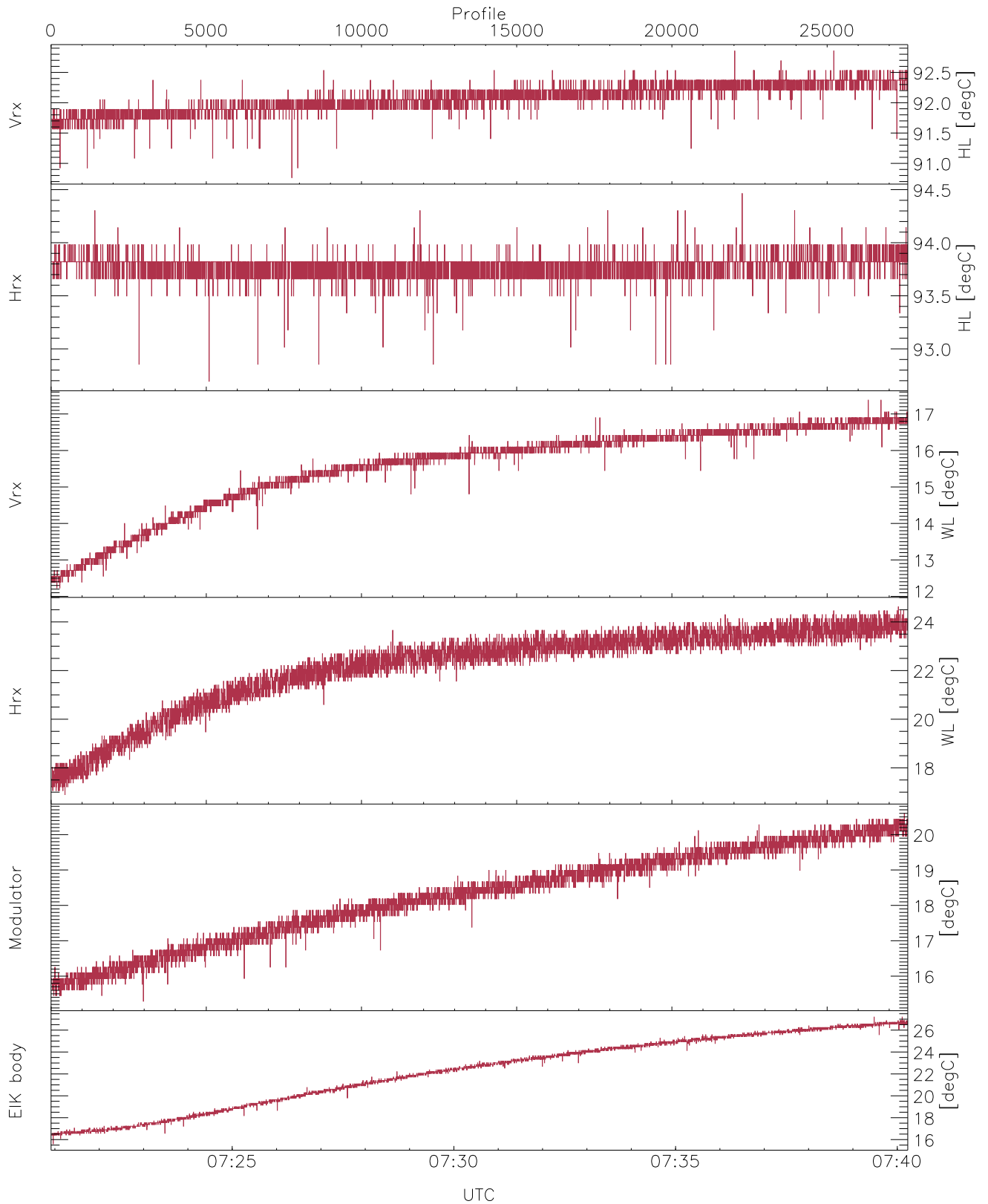


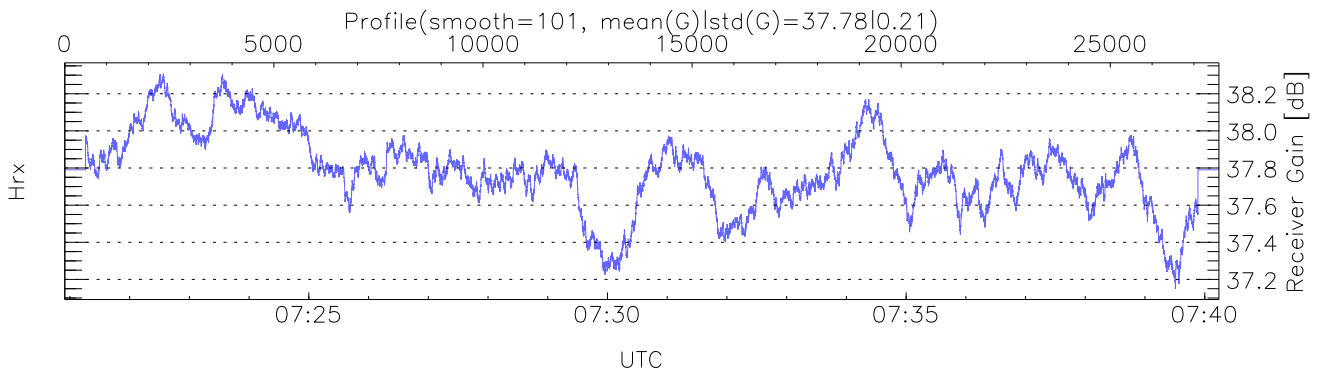
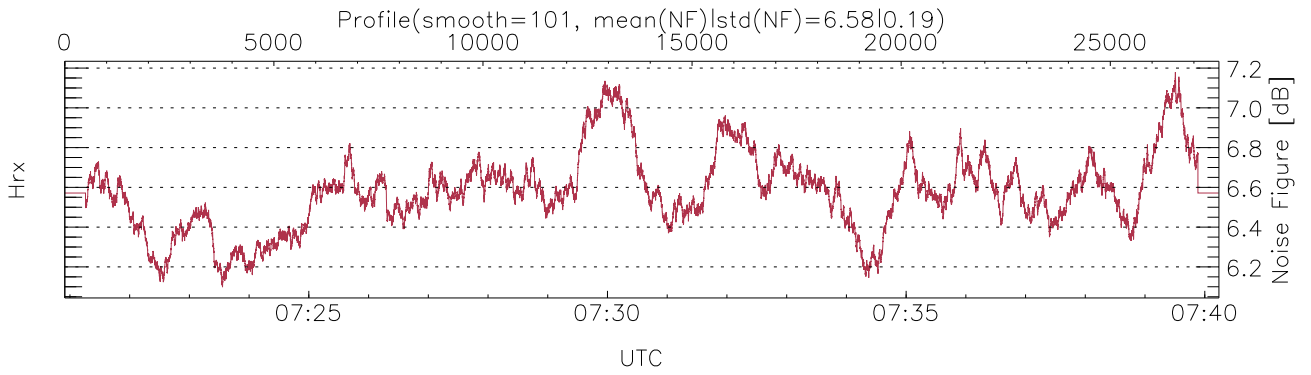
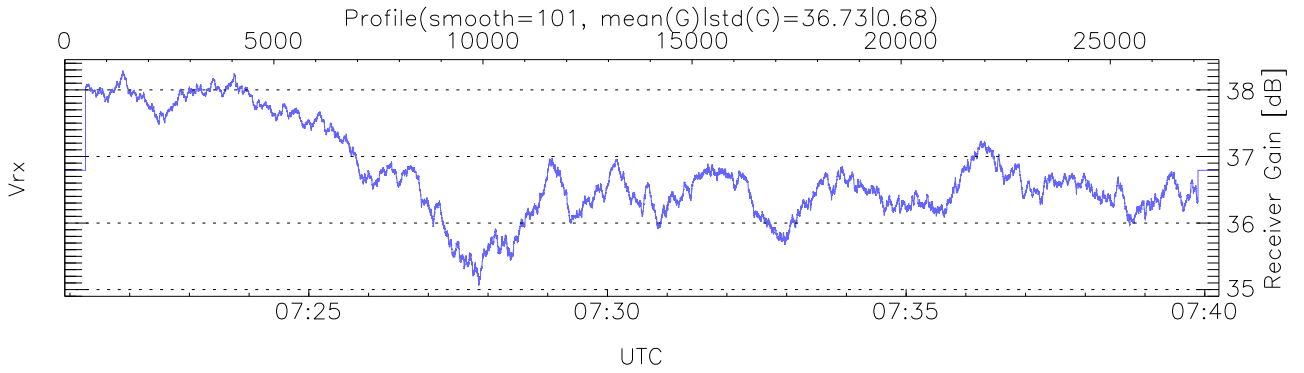
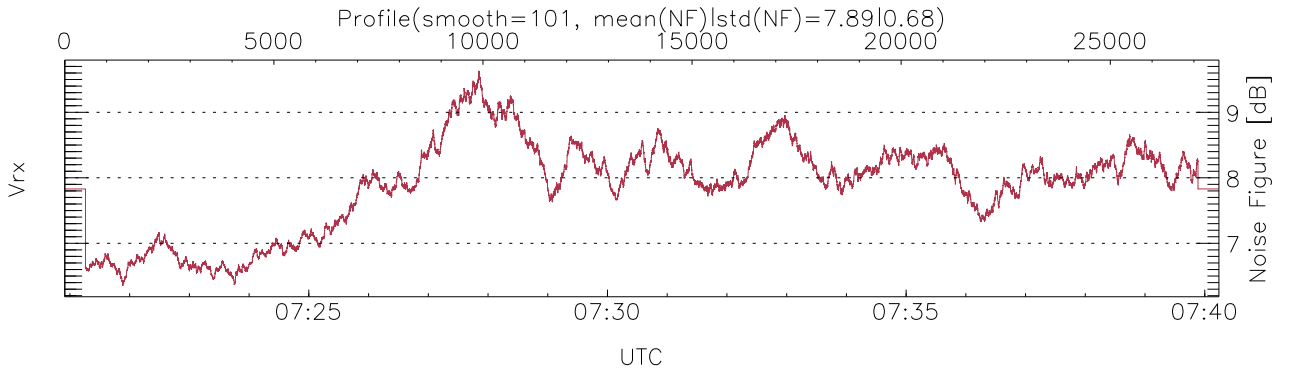
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 07:20:55-08:05:51, Dur: 2696.36s  
 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): 27600/64184, 0-27599/07:20:55-07:40:14  
 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



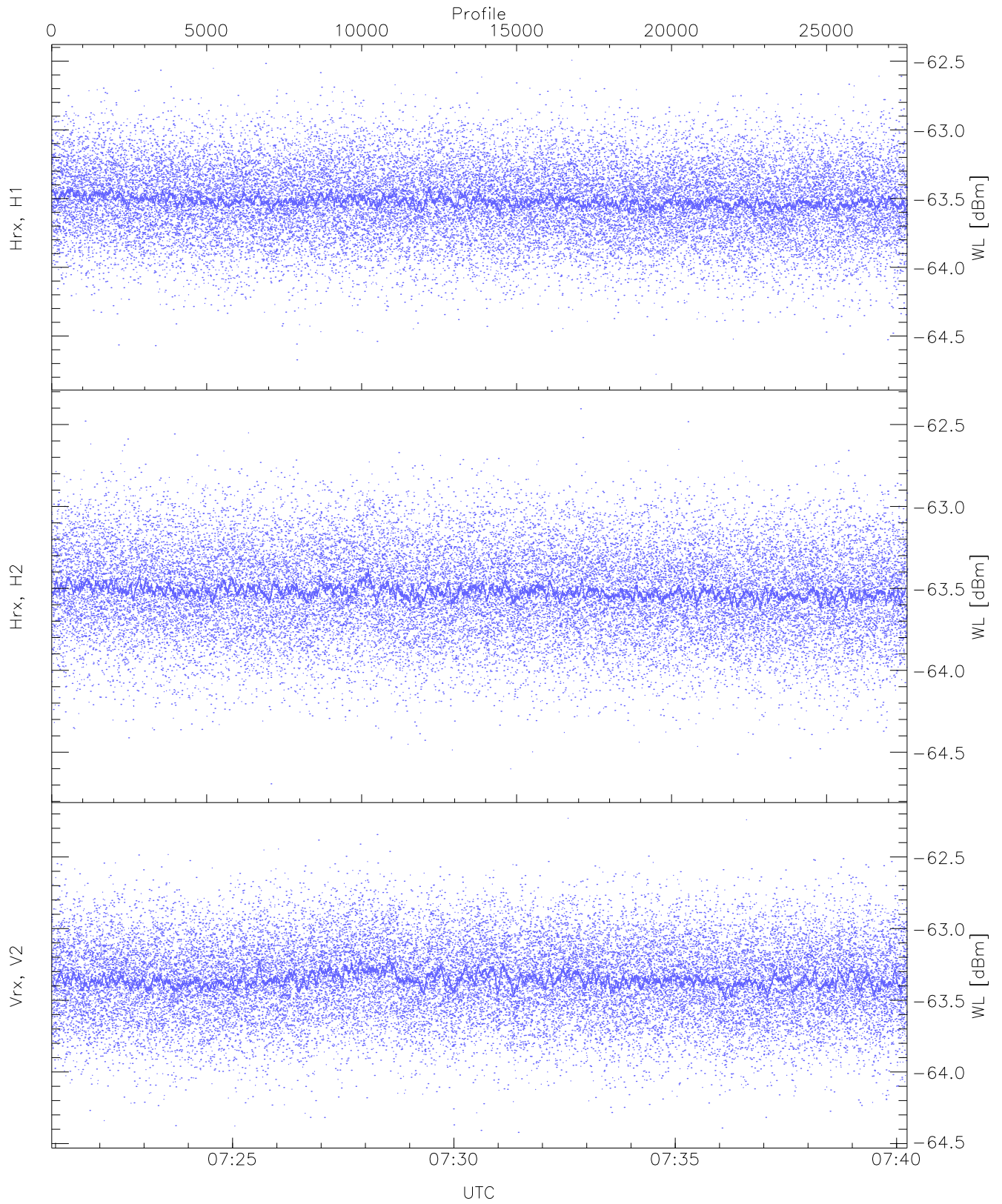
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,12,16,15,15  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,24,20,27  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK/Modulator Faults: None



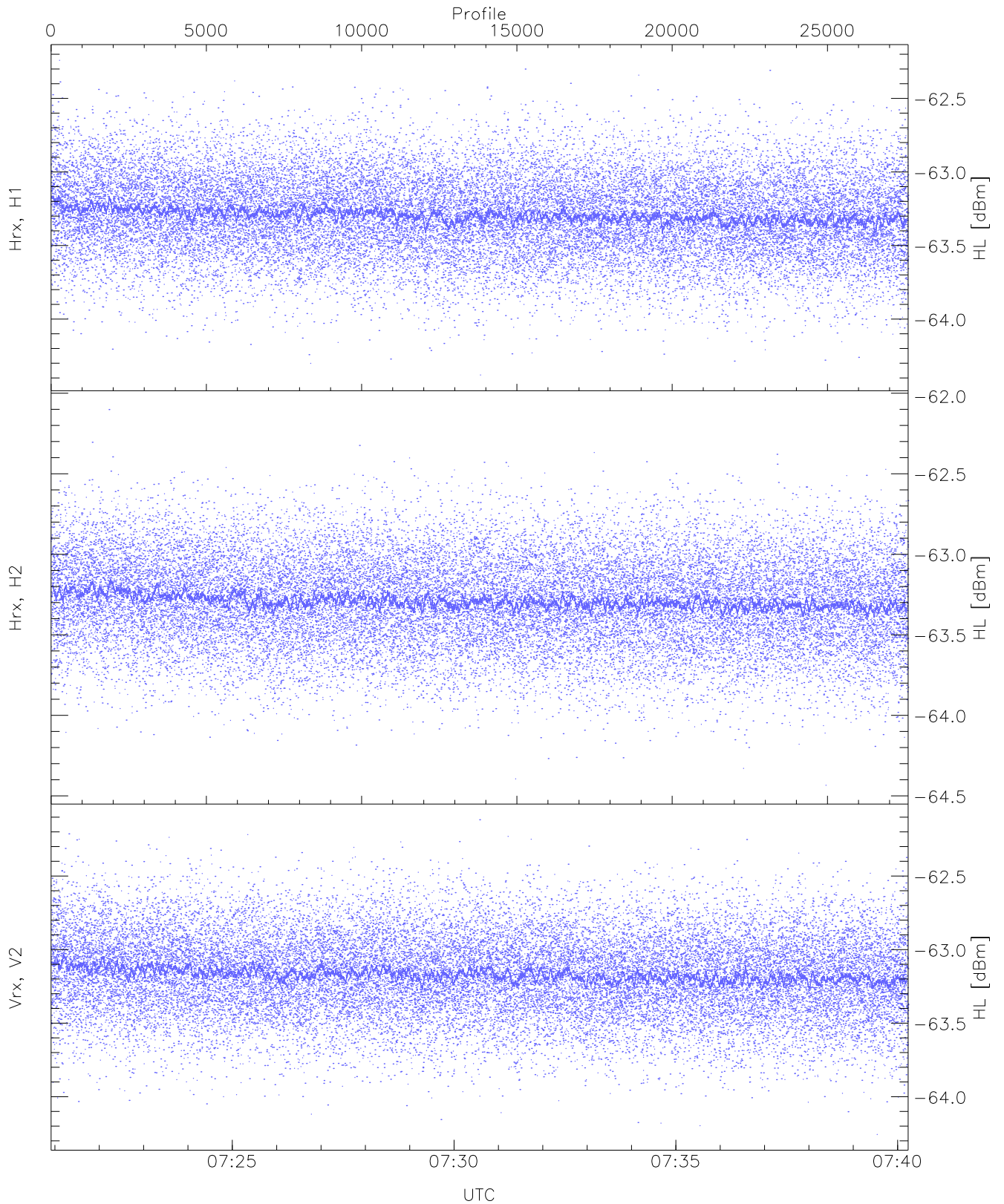
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 265 pixs, 8 gates, 238 profs, 1 prods



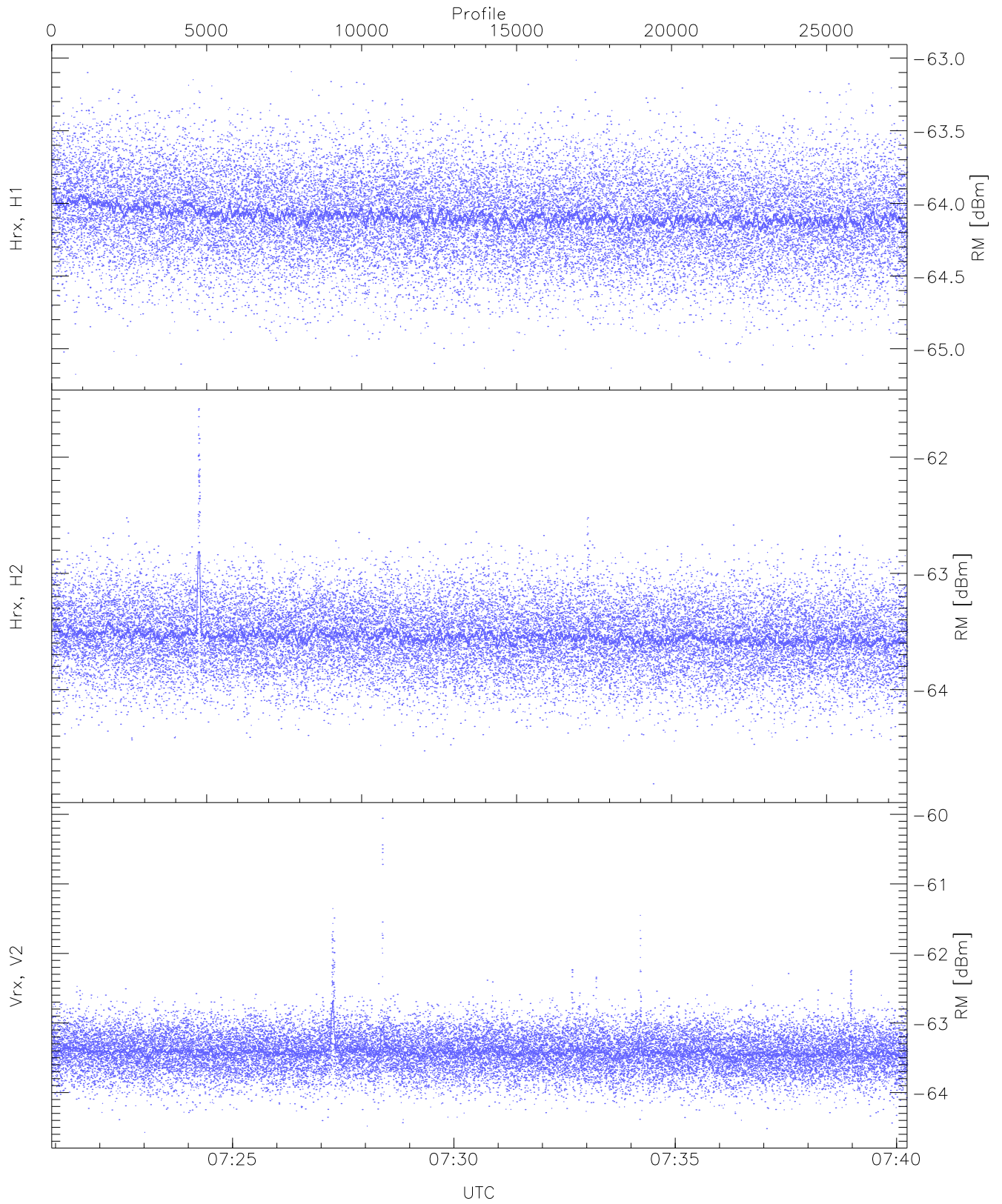
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.78	-62.49	-63.51	-63.52	-75.66
Hrx, H2 (WL [dBm])	-64.69	-62.40	-63.51	-63.52	-75.62
Vrx, V2 (WL [dBm])	-64.42	-62.23	-63.35	-63.36	-75.43



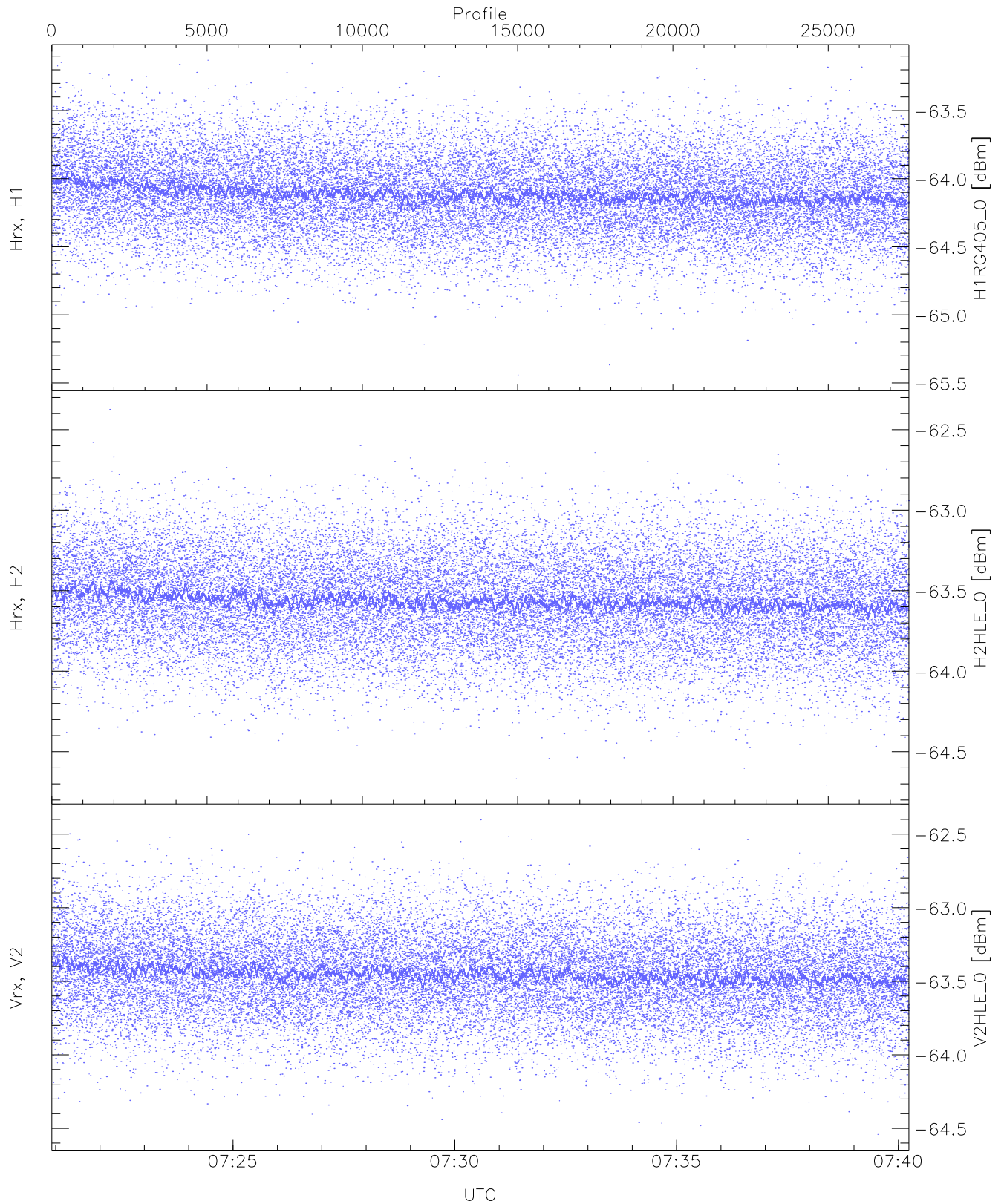
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.38	-62.24	-63.29	-63.30	-75.43
Hrx, H2 (HL [dBm])	-64.43	-62.10	-63.29	-63.29	-75.42
Vrx, V2 (HL [dBm])	-64.26	-62.12	-63.17	-63.17	-75.29



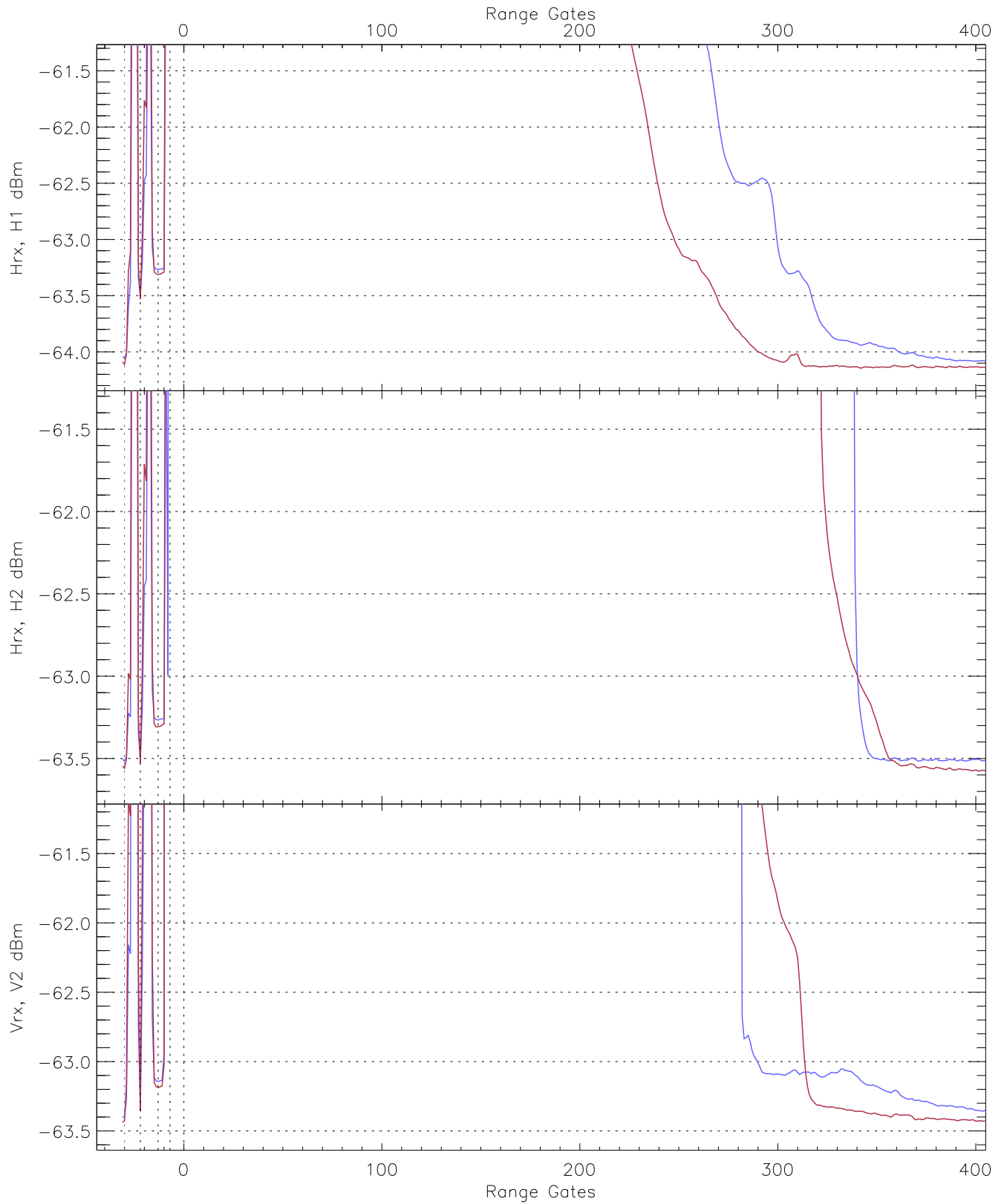
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.18	-63.02	-64.08	-64.09	-76.15
Hrx, H2 (RM [dBm])	-64.81	-61.58	-63.54	-63.55	-75.49
Vrx, V2 (RM [dBm])	-64.57	-60.06	-63.41	-63.42	-75.21



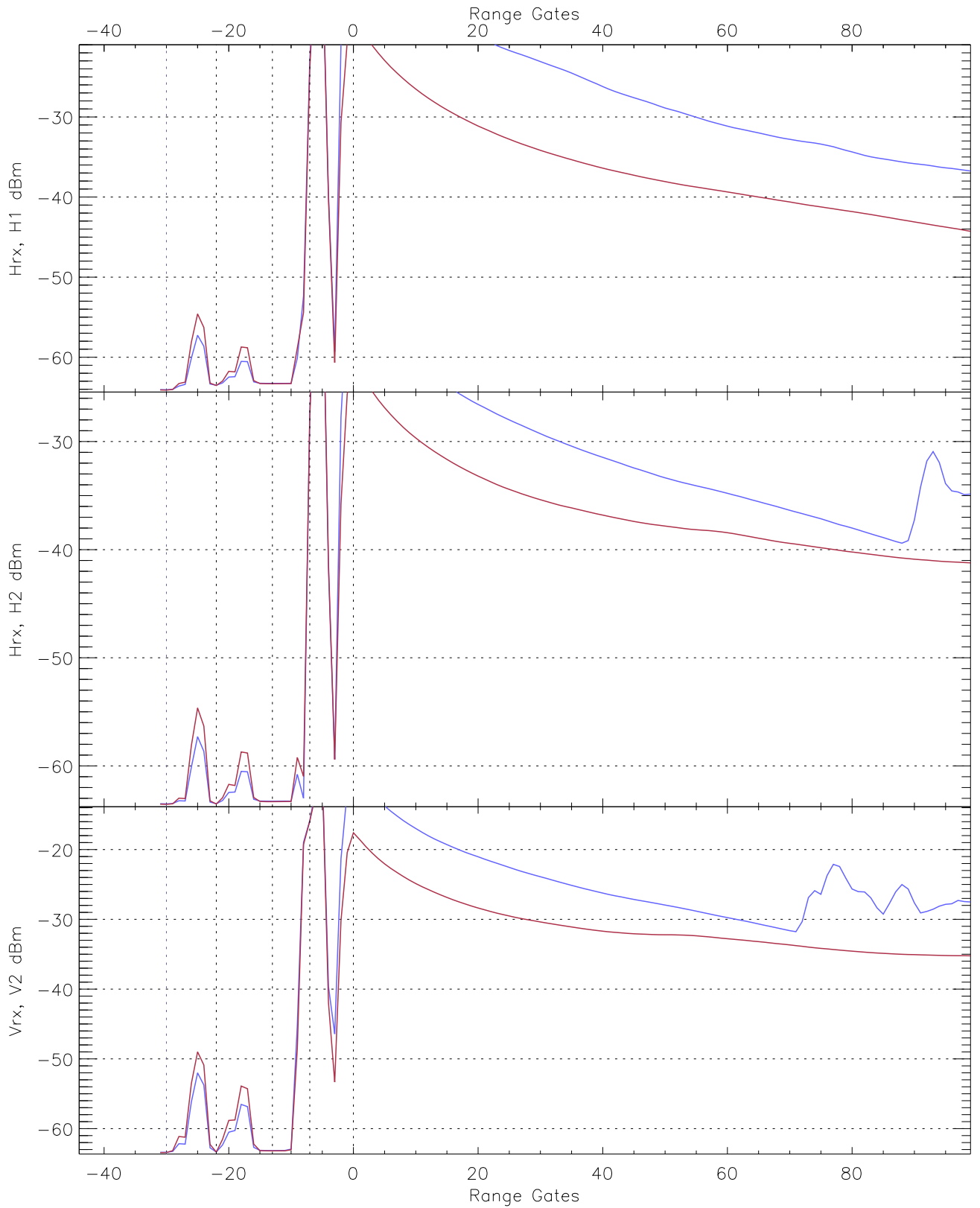
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG405_0 [dBm]	-65.44	-63.13	-64.11	-64.12	-76.19
H2HLE_0 [dBm]	-64.71	-62.37	-63.56	-63.56	-75.69
V2HLE_0 [dBm]	-64.54	-62.40	-63.45	-63.46	-75.58

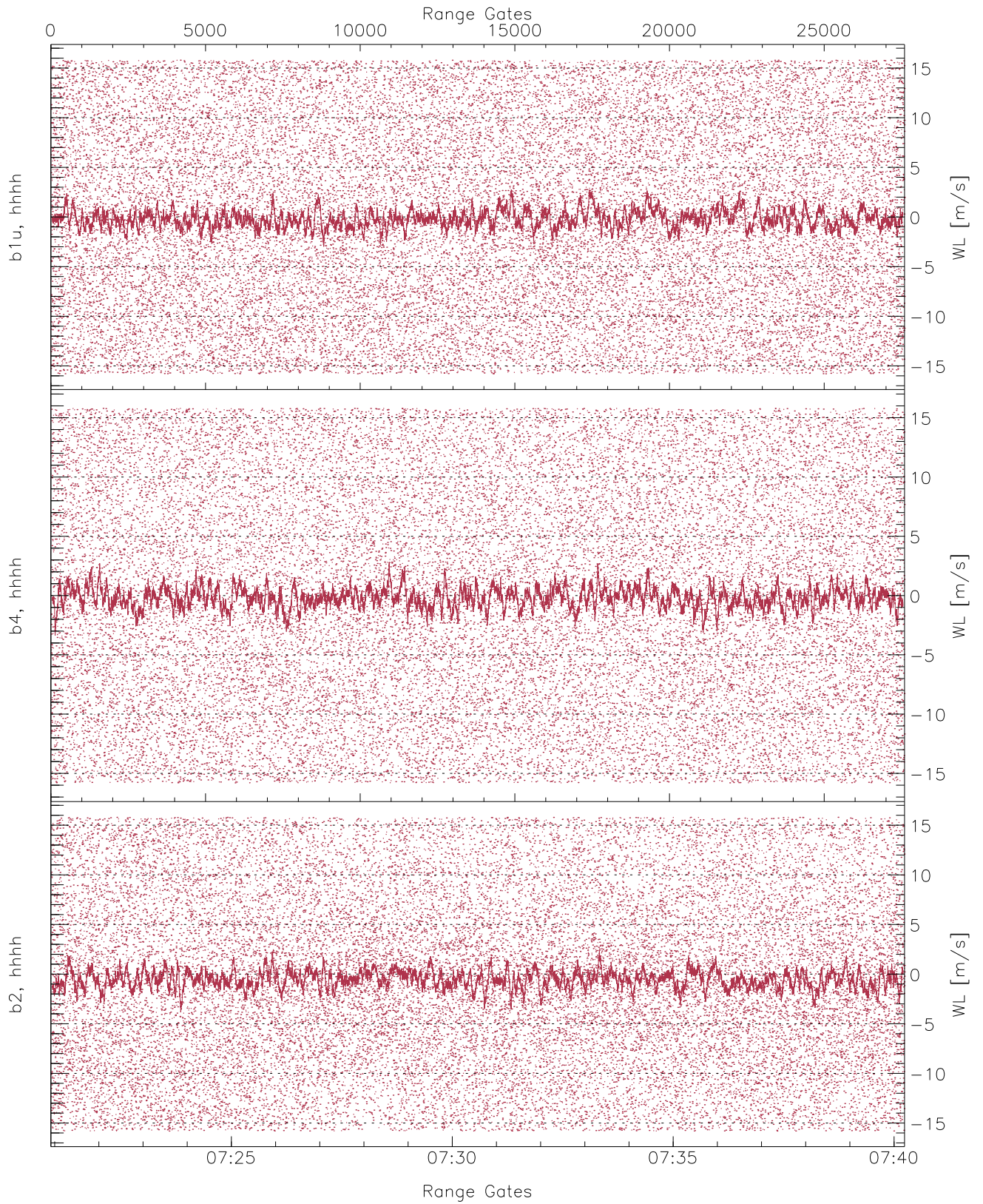


WCR2 CPP Averaged Received power for all recorded gates  
blue: 072055-073035, 13801 profiles averaged  
red: 073035-074014, 13800 profiles averaged

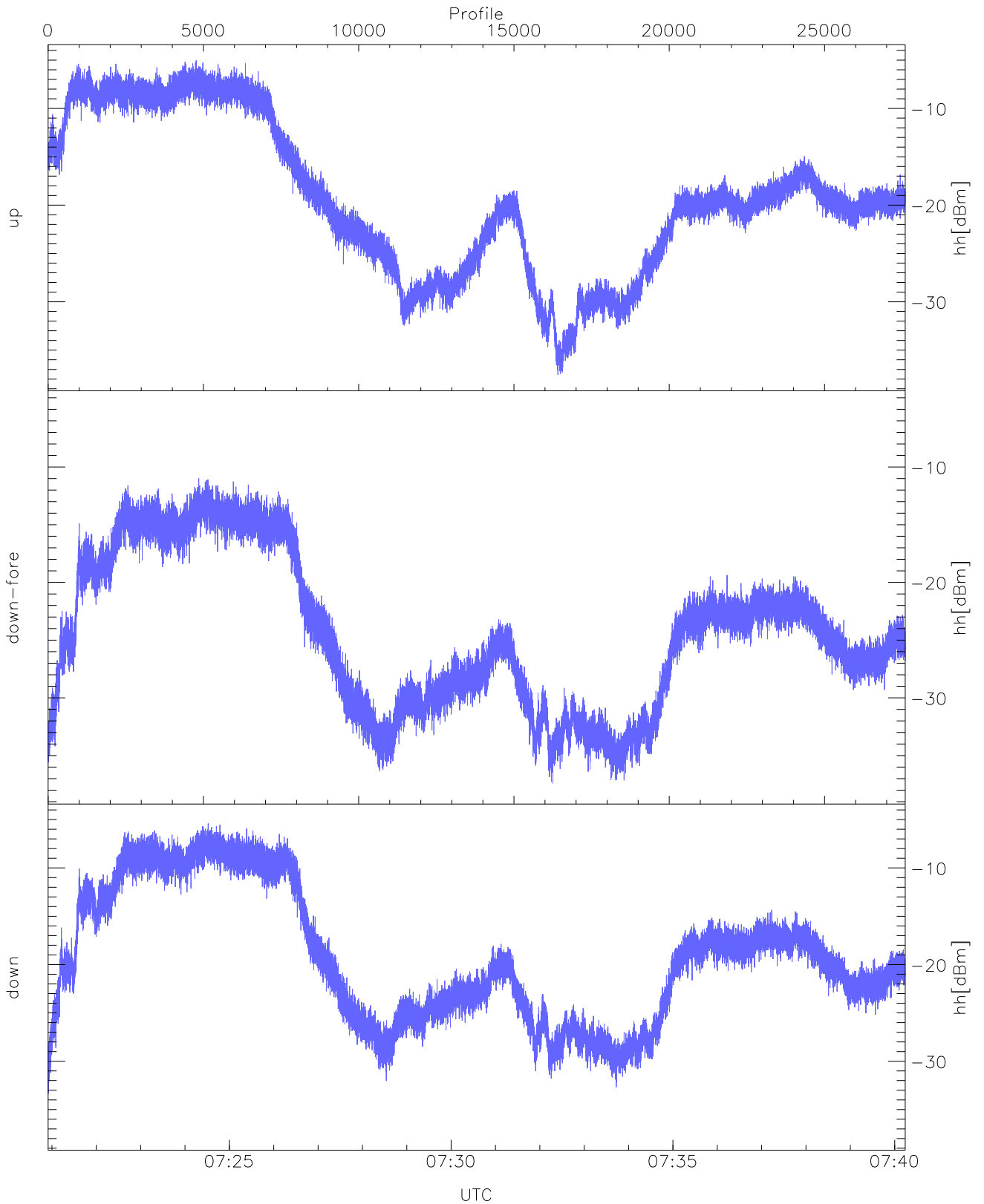




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 072055-073035, 13801 profiles averaged  
red: 073035-074014, 13800 profiles averaged

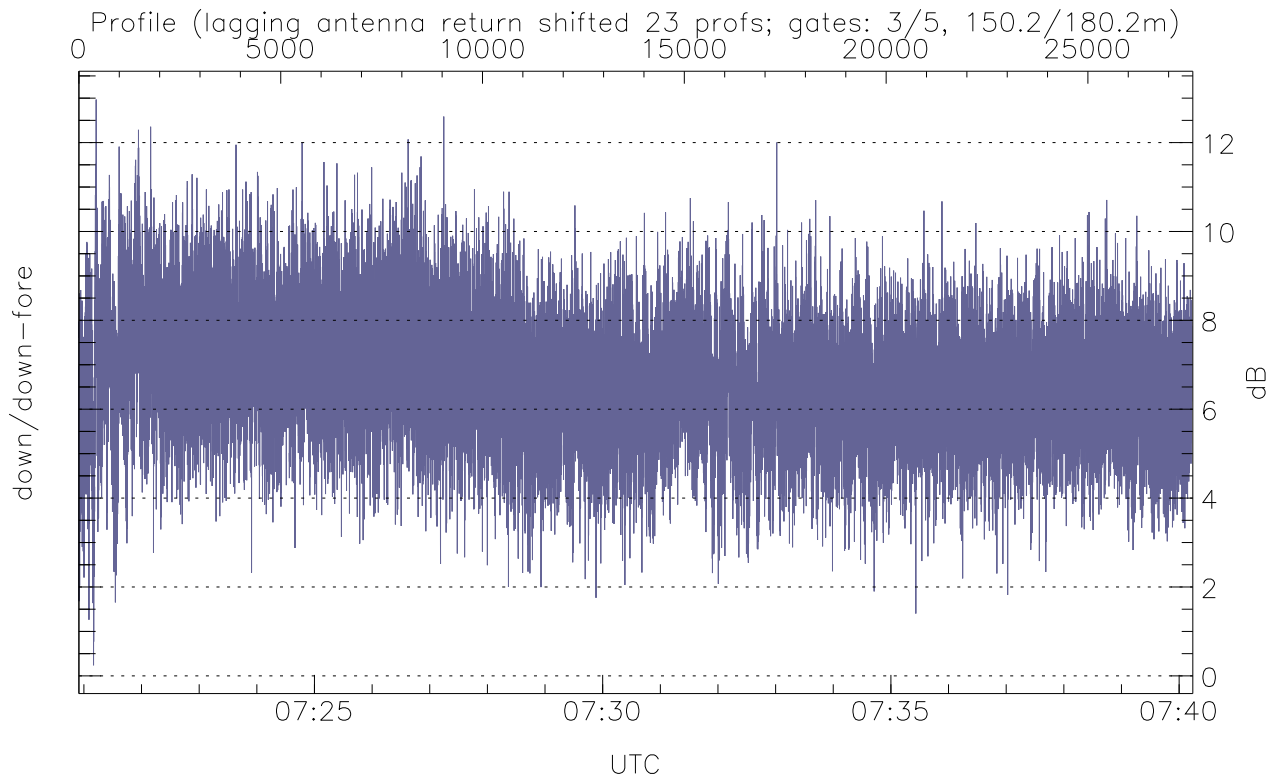
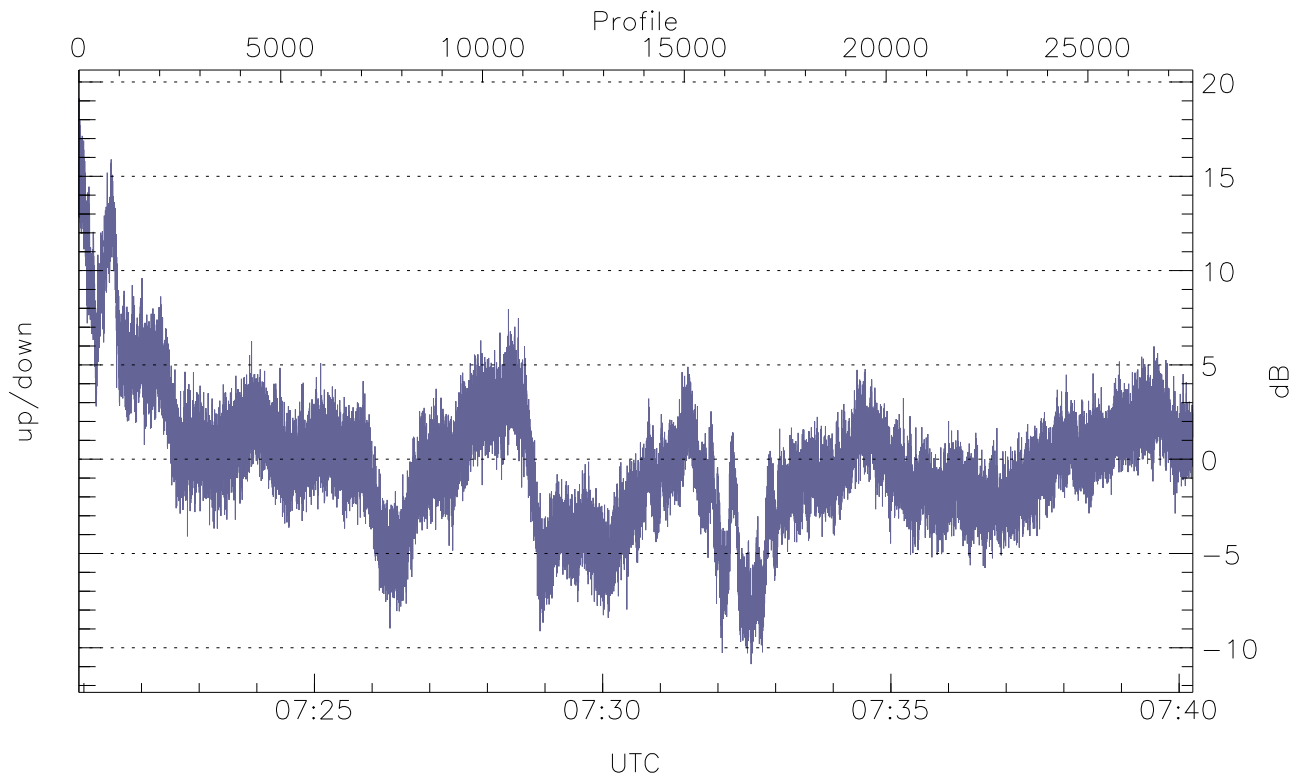


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



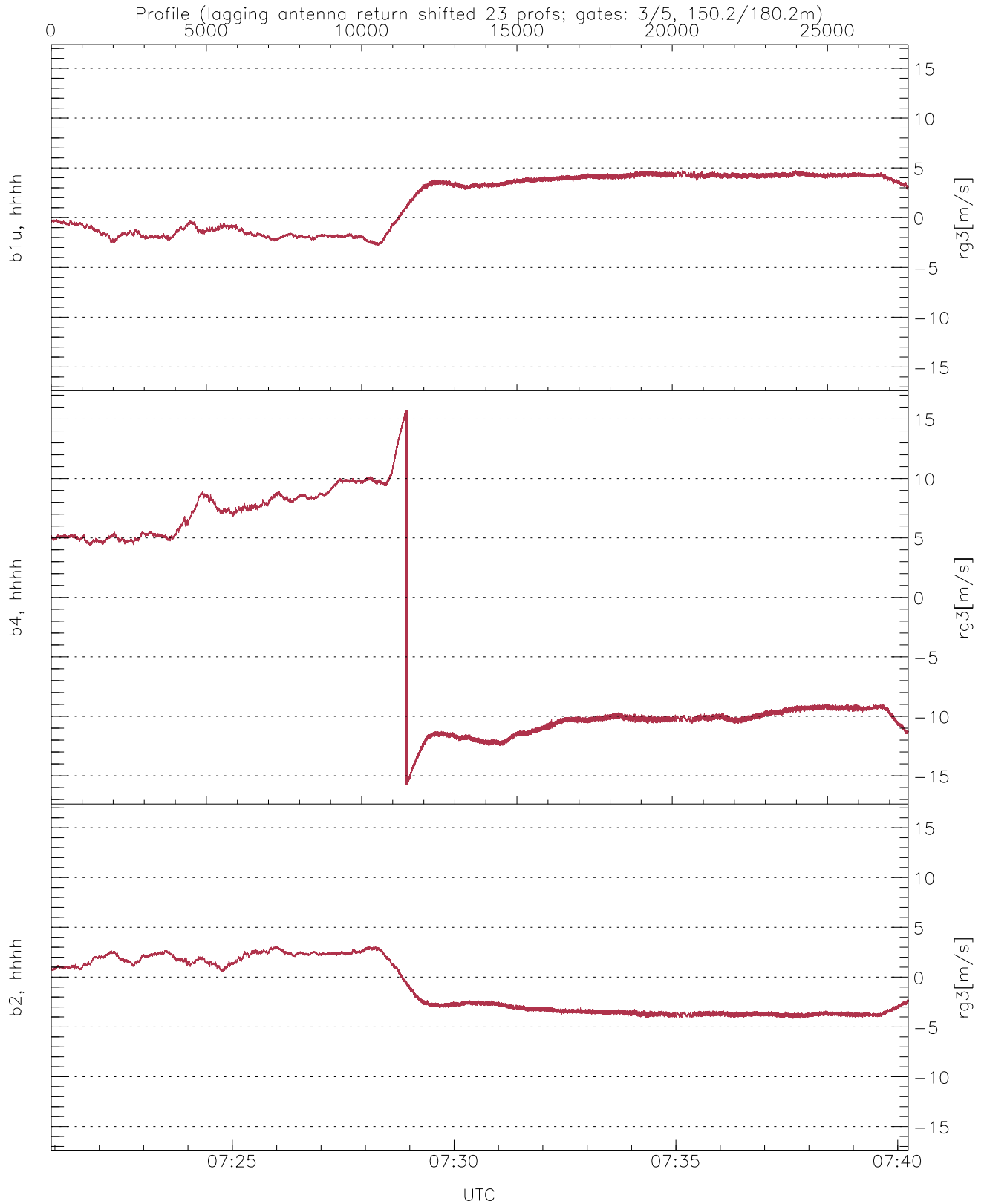
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-37.57	-5.02	-13.56
down-fore(hh[dBm])	-37.40	-10.95	-19.97
down(hh[dBm])	-33.35	-5.40	-14.43



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-10.86	19.13	-0.13
down/down-fore (dB)	0.24	12.97	6.68



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-2.84	4.77	1.69	2.73
b4, hhhh(rg3[m/s])	-15.80	15.77	-3.08	8.98
b2, hhhh(rg3[m/s])	-4.17	3.12	-1.17	2.68