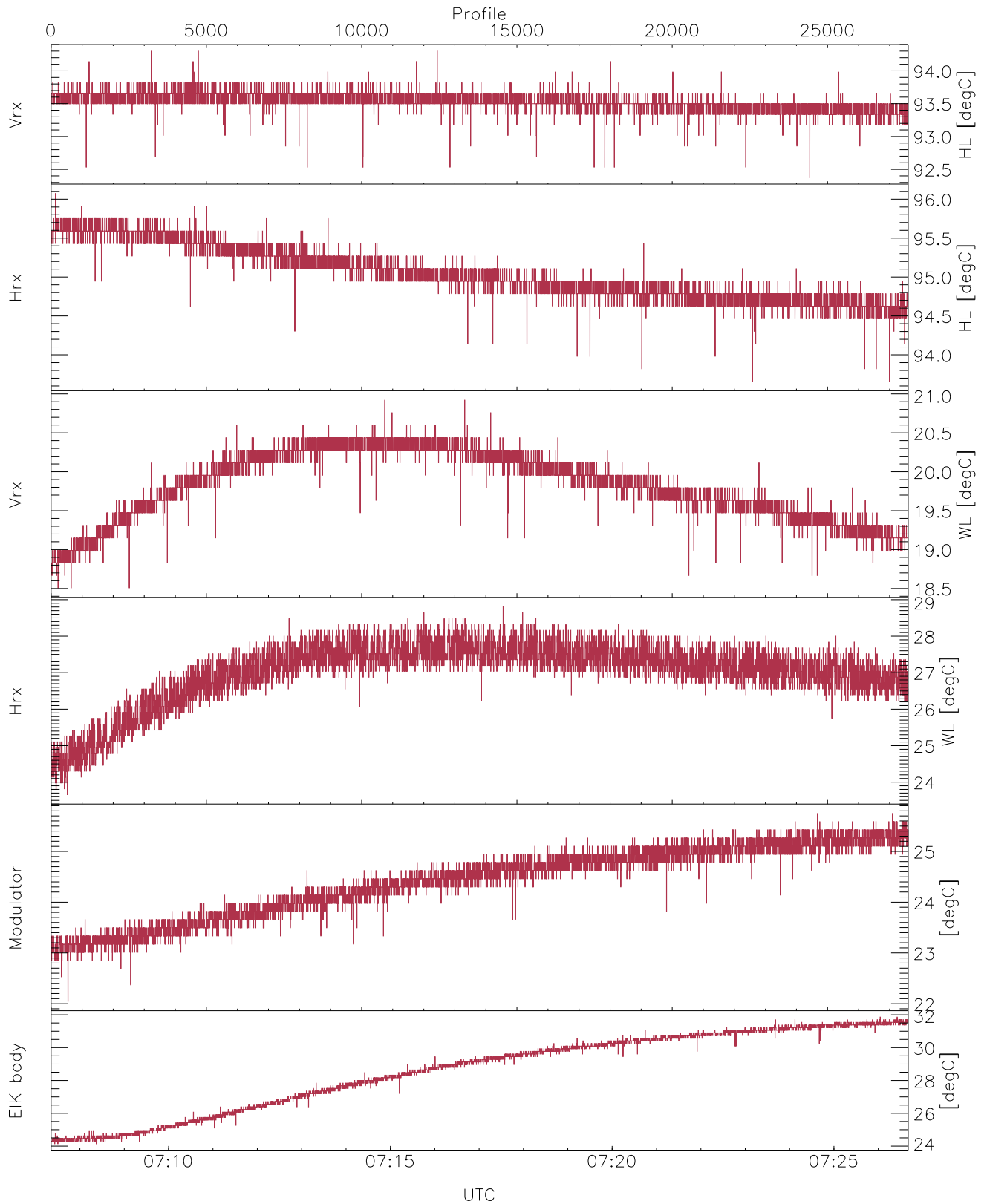


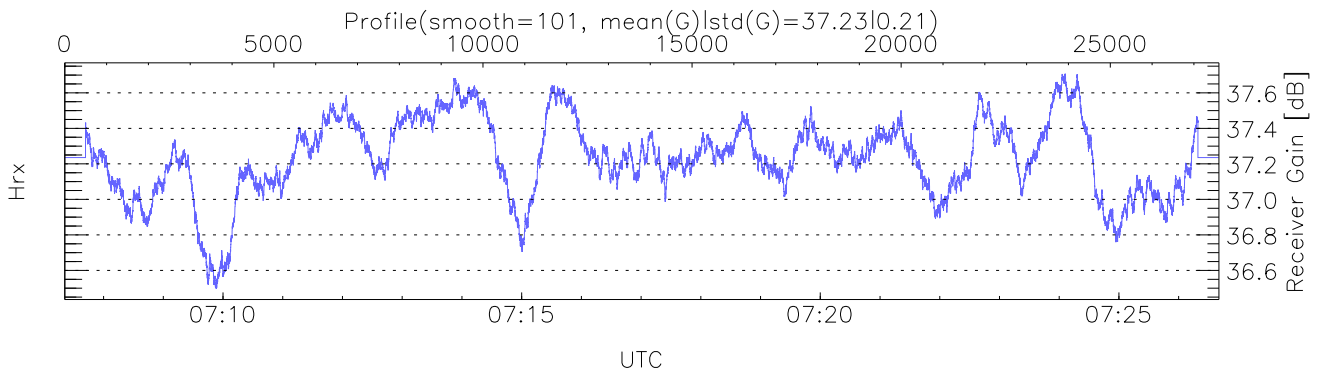
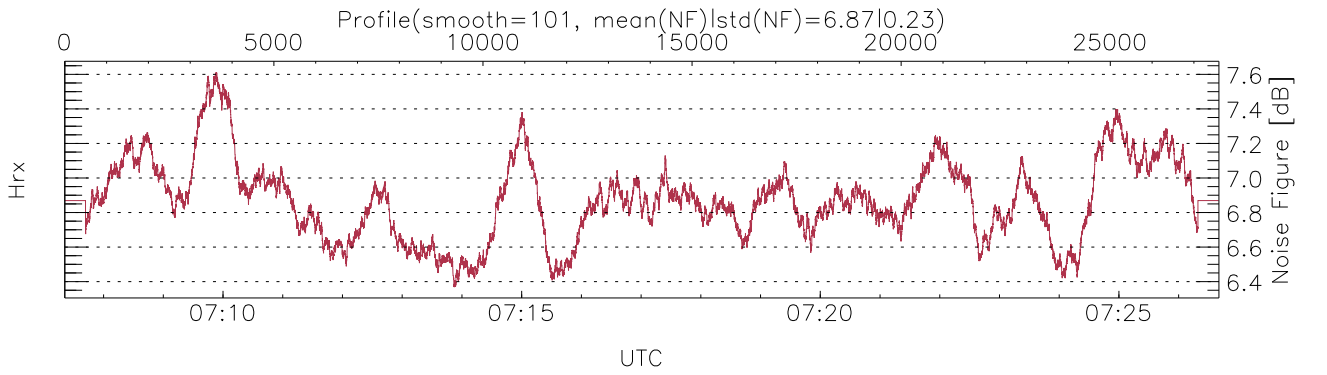
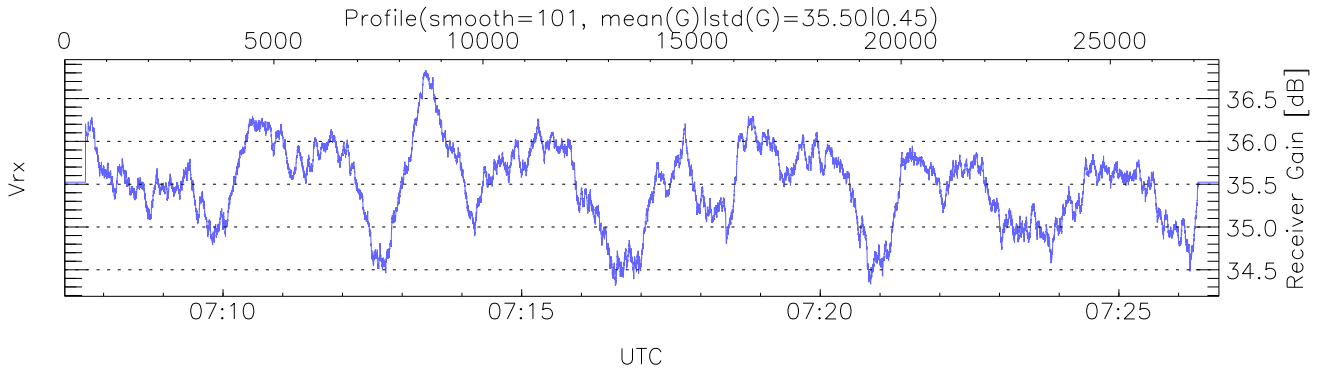
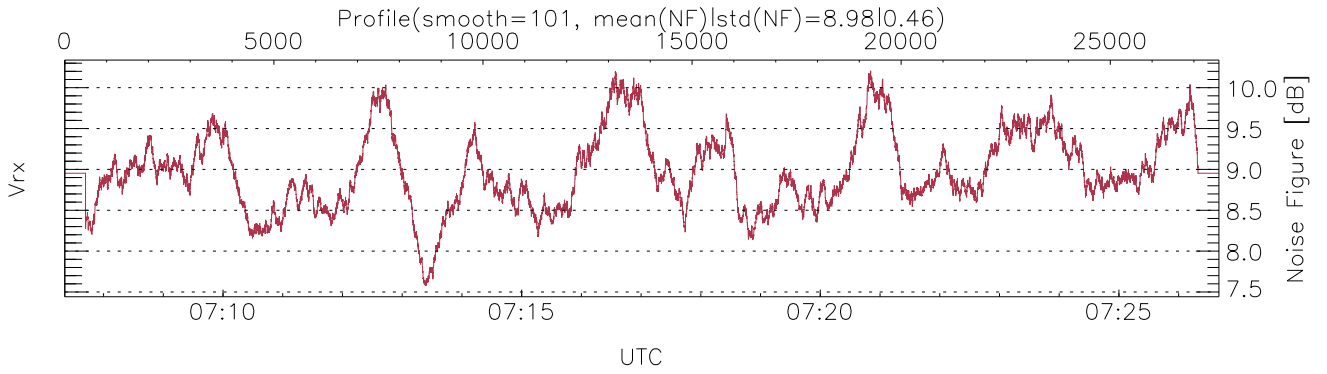
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 07:07:21-07:41:45, Dur: 2063.68s  
 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): 27600/49124, 0-27599/07:07:21-07:26:40  
 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

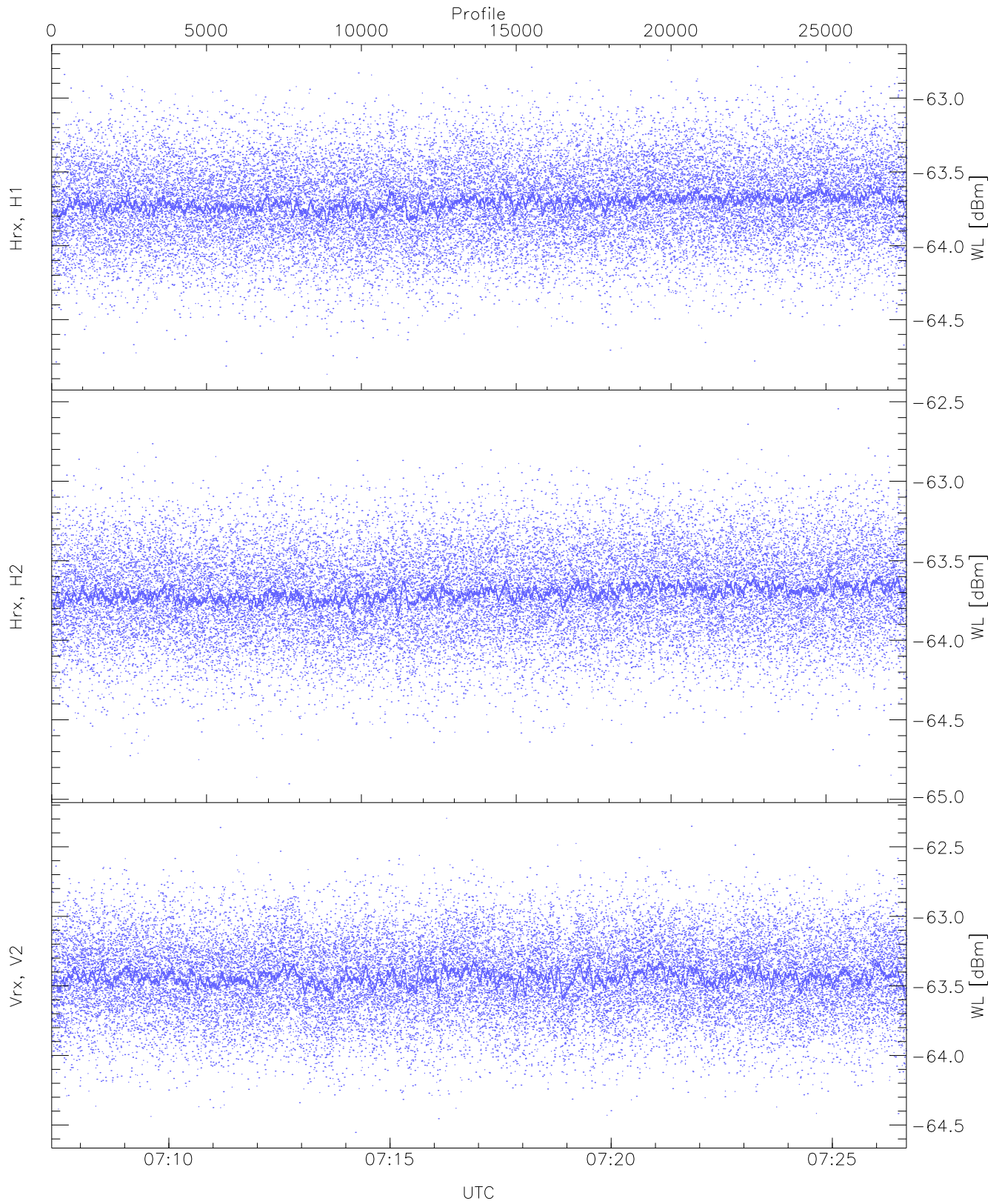


WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,23,22,24  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,20,28,25,31  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK/Modulator Faults: None

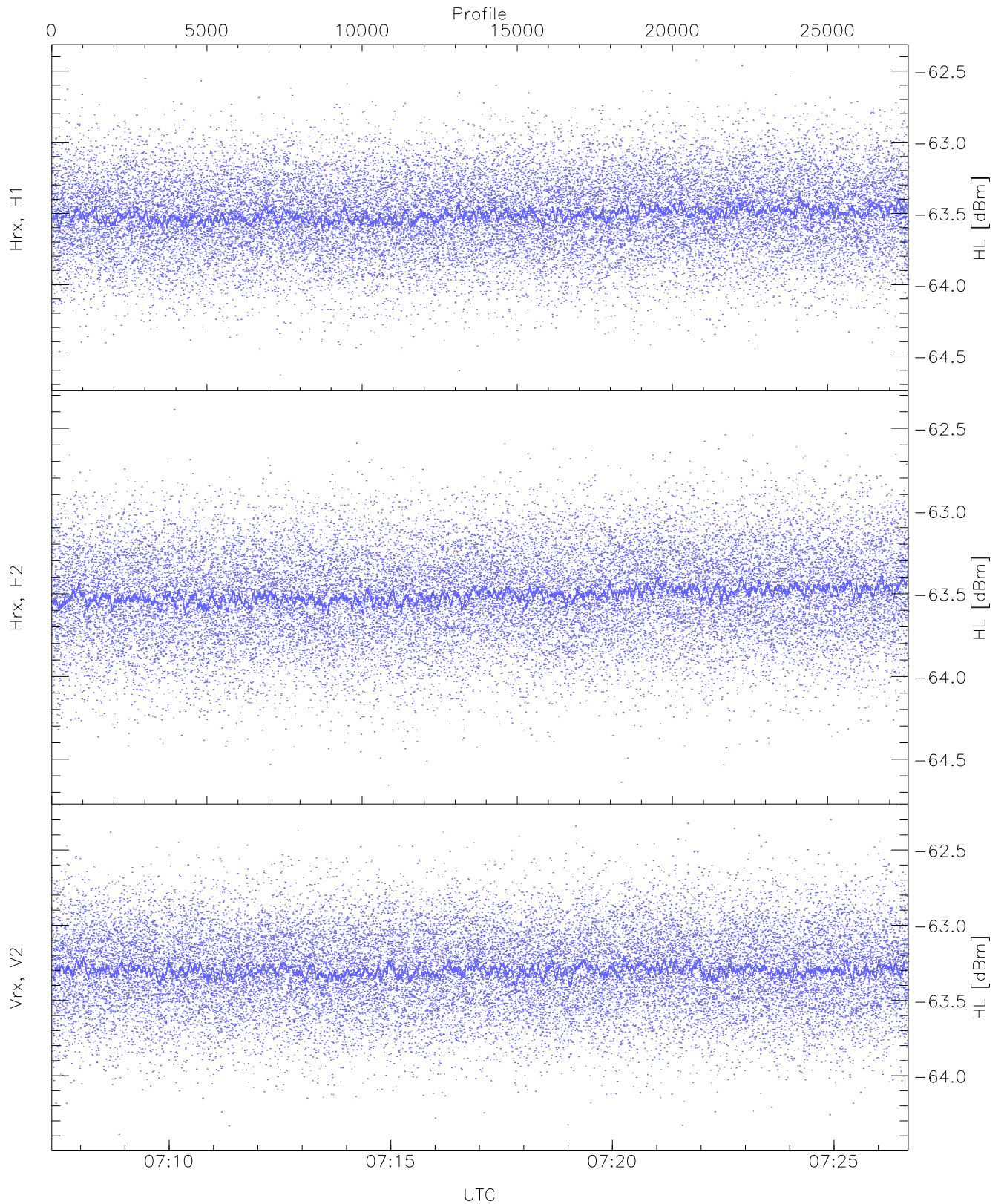


WCR2 CPP Receivers Gain and Noise Figure



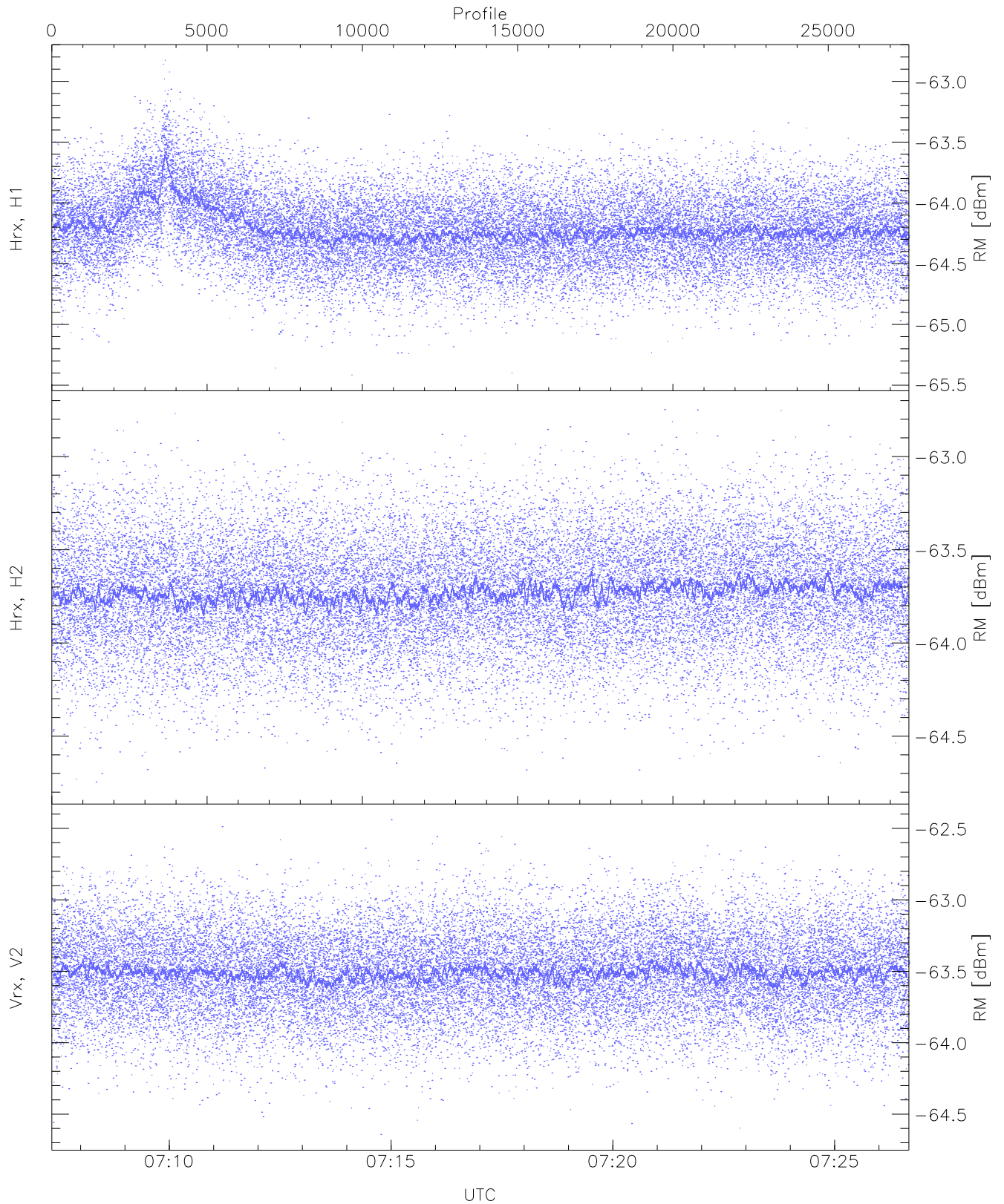
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.87	-62.74	-63.70	-63.71	-75.80
Hrx, H2 (WL [dBm])	-64.90	-62.54	-63.70	-63.71	-75.82
Vrx, V2 (WL [dBm])	-64.55	-62.29	-63.43	-63.44	-75.46



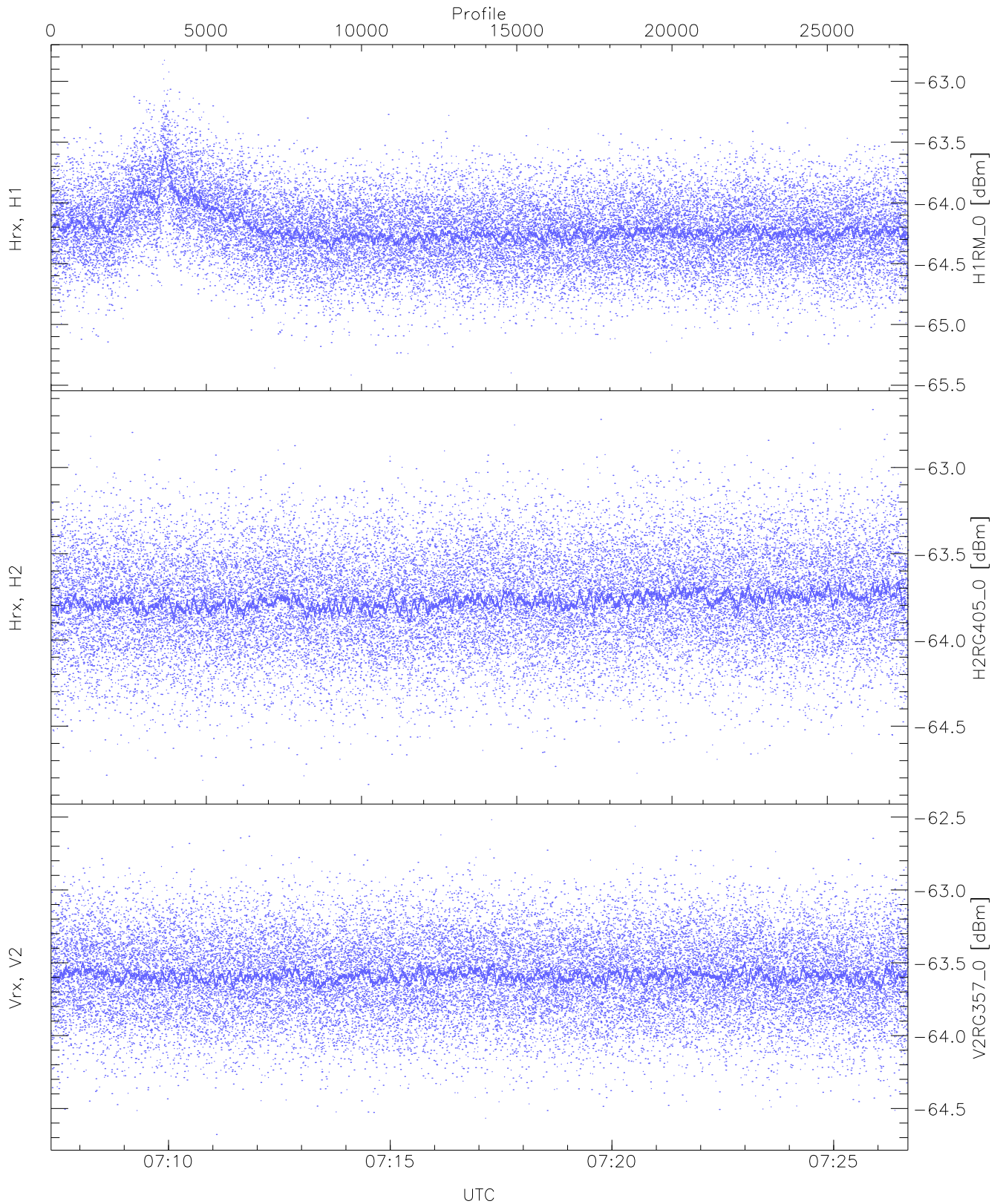
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.63	-62.42	-63.50	-63.51	-75.63
Hrx, H2 (HL [dBm])	-64.66	-62.39	-63.50	-63.51	-75.59
Vrx, V2 (HL [dBm])	-64.39	-62.30	-63.30	-63.30	-75.44



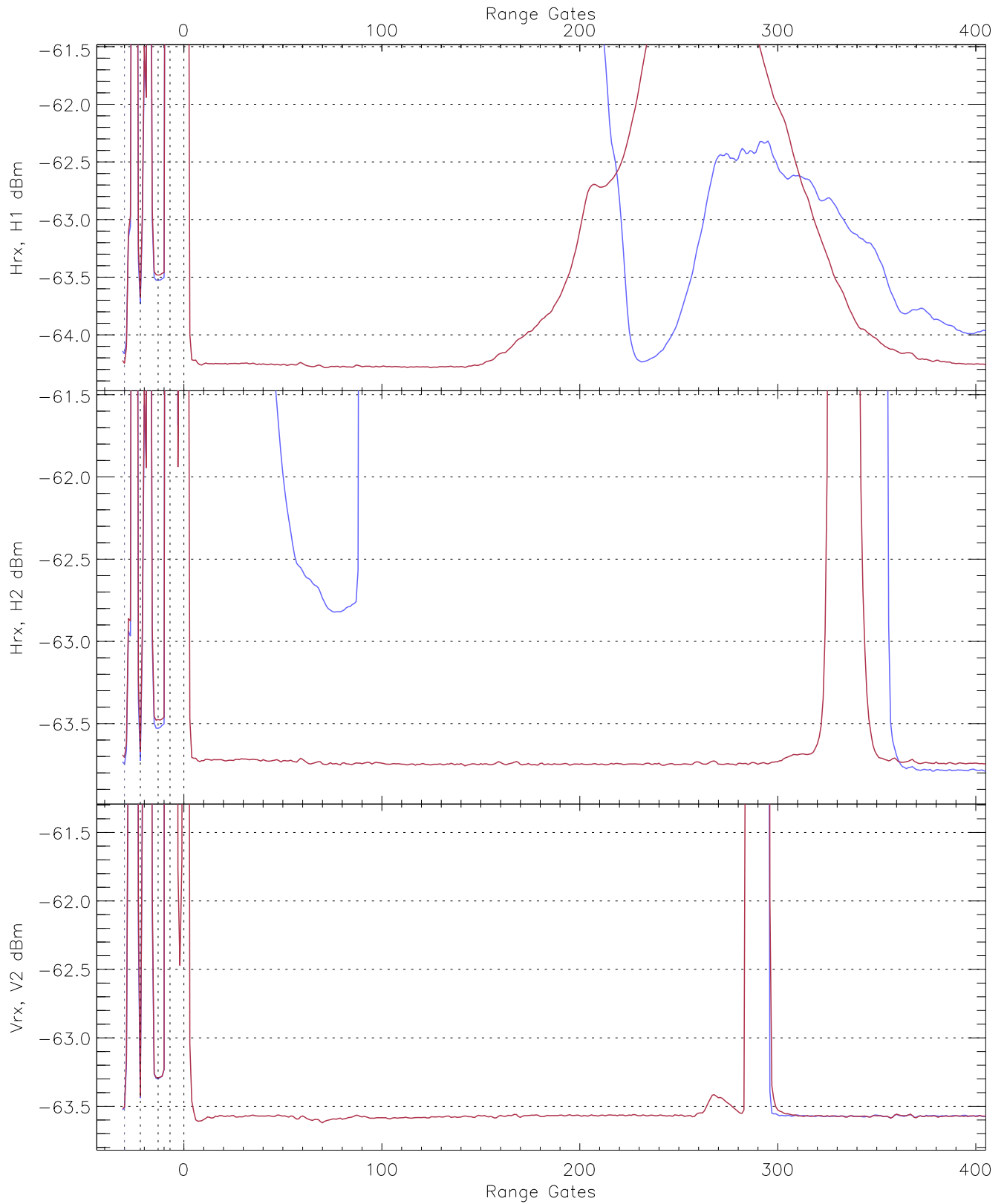
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.42	-62.83	-64.21	-64.22	-75.99
Hrx, H2 (RM [dBm])	-64.76	-62.75	-63.73	-63.73	-75.85
Vrx, V2 (RM [dBm])	-64.64	-62.44	-63.51	-63.52	-75.57



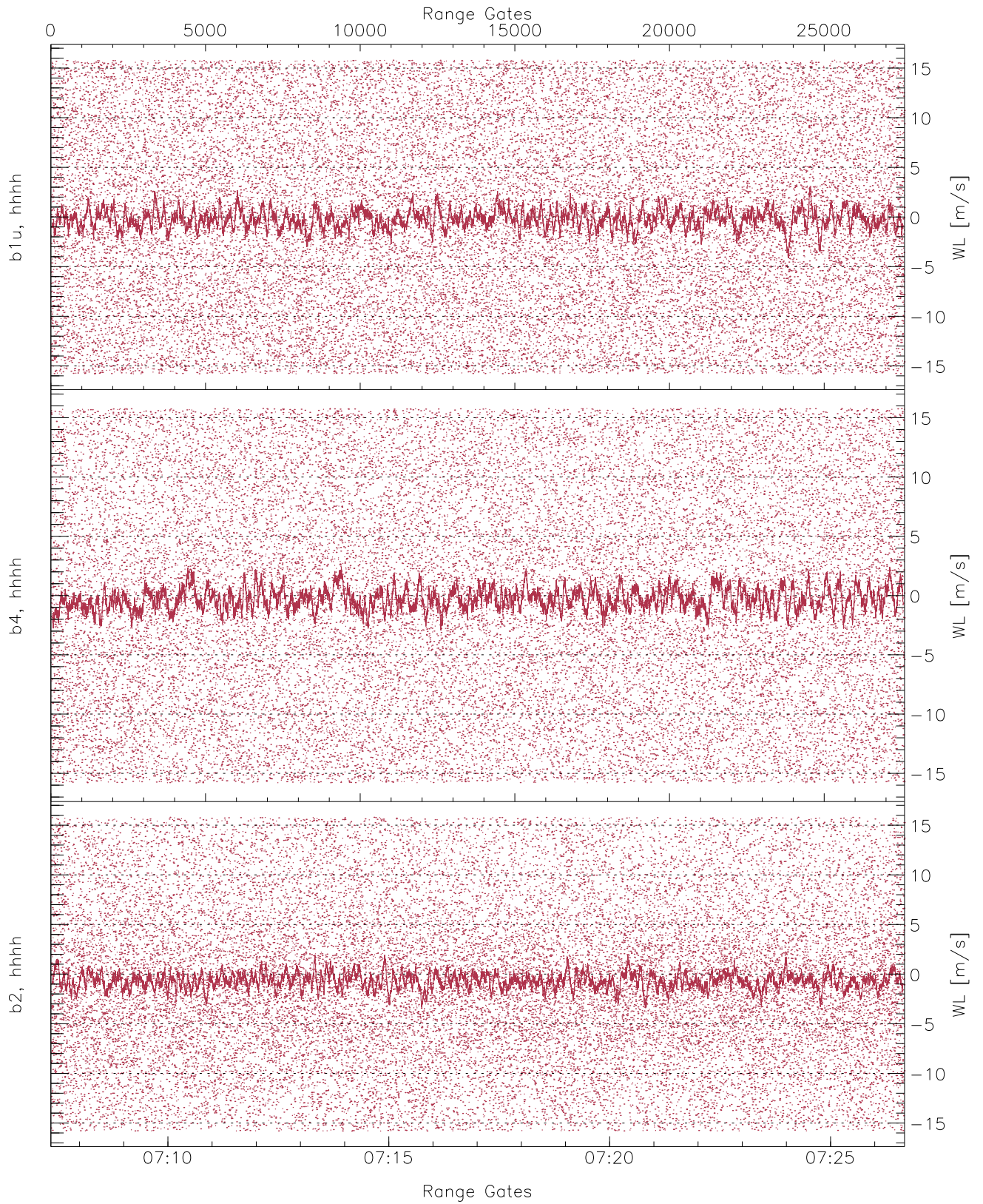
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-65.42	-62.83	-64.21	-64.22	-75.99
H2RG405_0 [dBm]	-64.84	-62.66	-63.77	-63.77	-75.88
V2RG357_0 [dBm]	-64.68	-62.52	-63.59	-63.59	-75.73

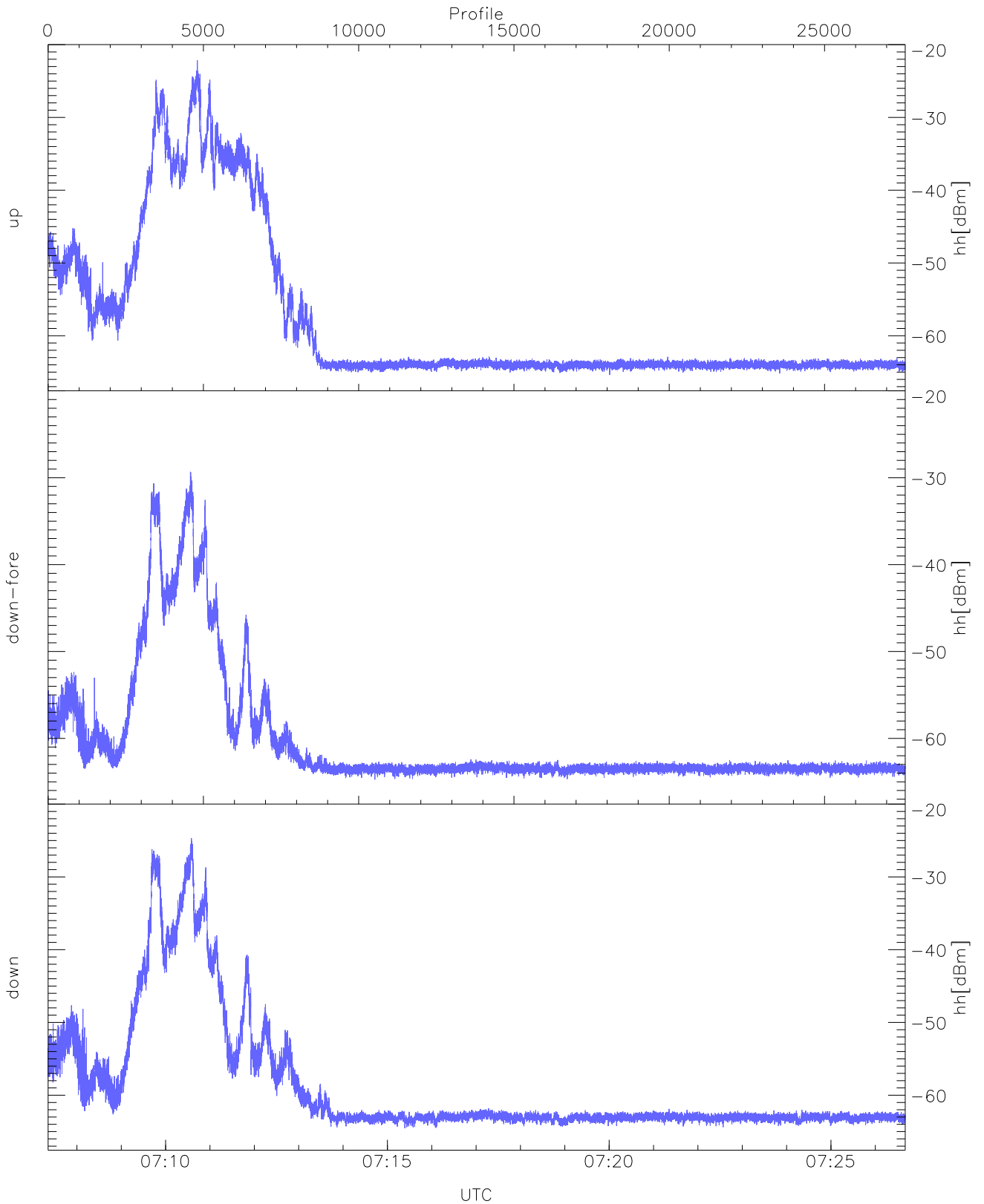


WCR2 CPP Averaged Received power for all recorded gates  
blue: 070721-71700, 13801 profiles averaged  
red: 71700-072640, 13800 profiles averaged



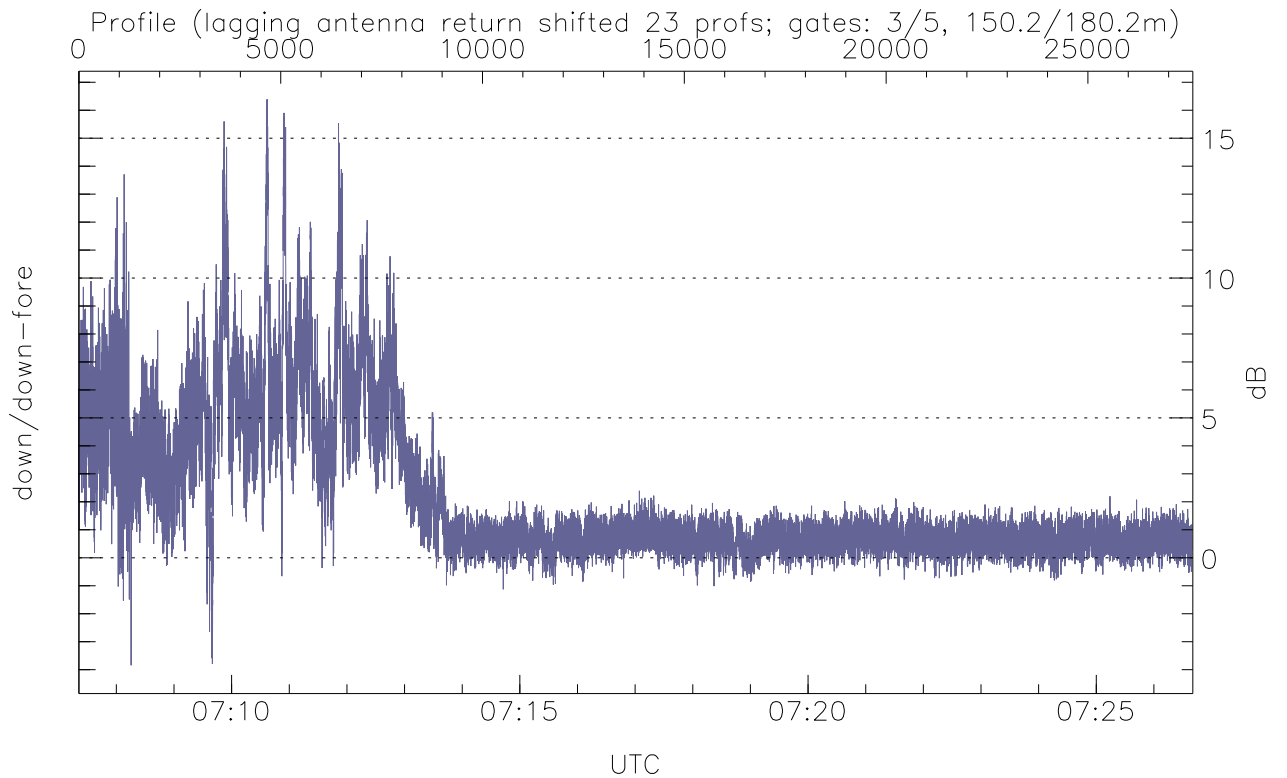
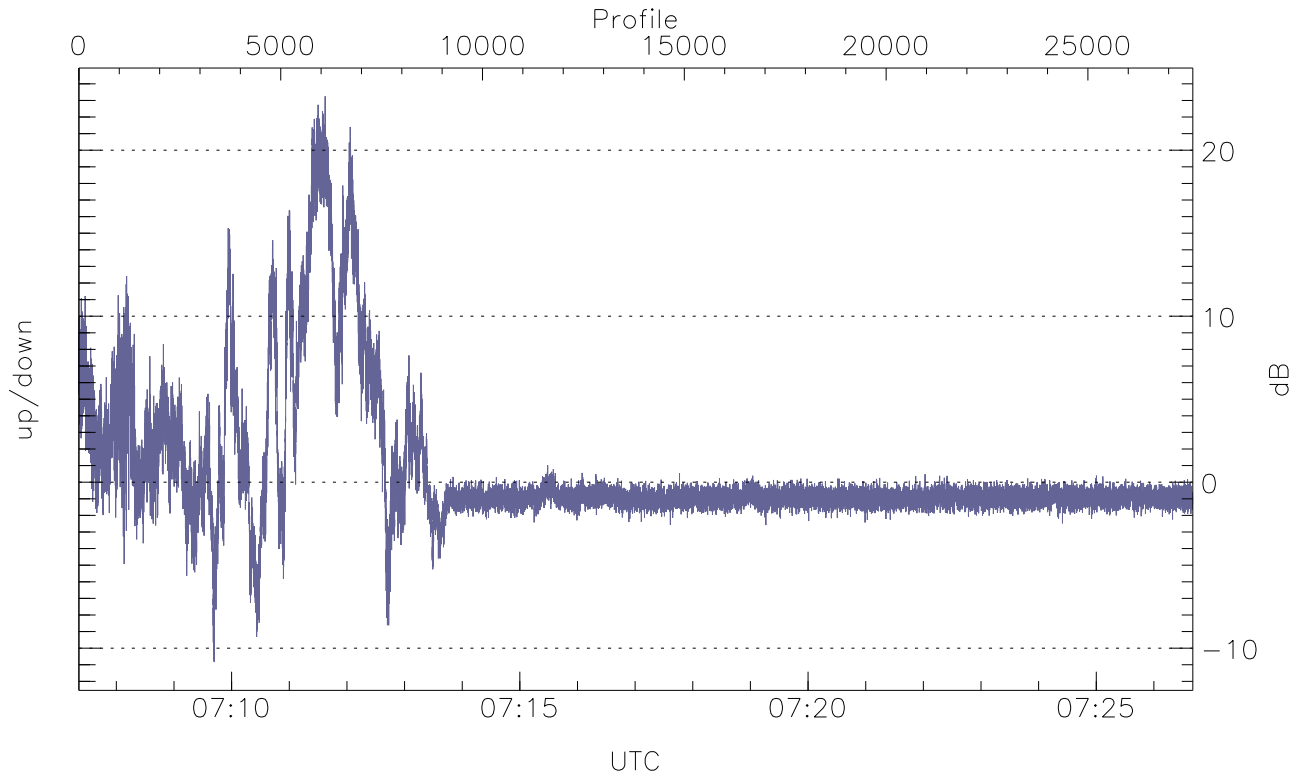


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



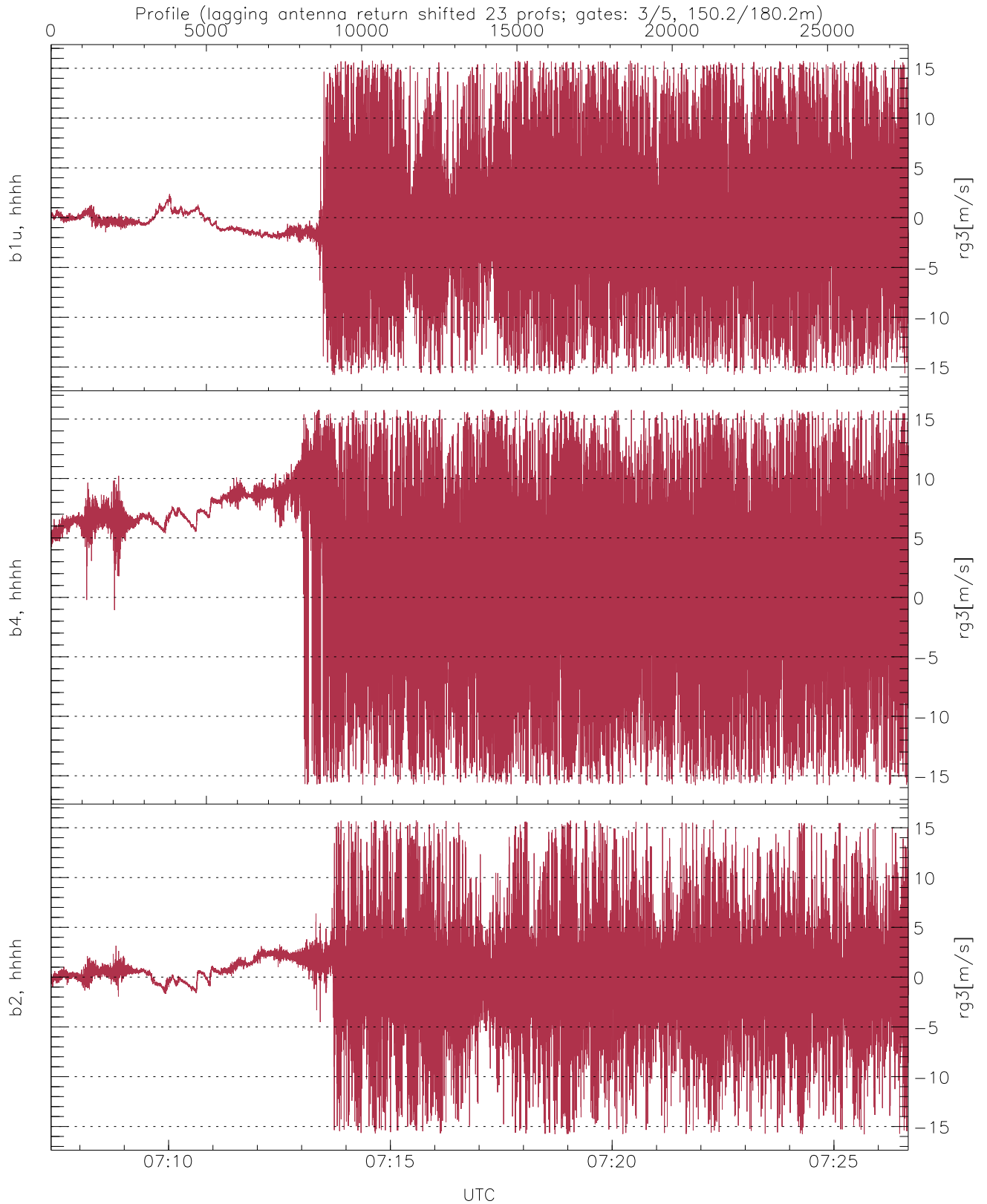
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-65.40	-22.15	-40.58
down-fore(hh[dBm])	-64.74	-29.33	-47.69
down(hh[dBm])	-64.55	-24.67	-43.25



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-10.84	23.25	0.76
down/down-fore (dB)	-3.84	16.38	2.12



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	-0.32	5.11
b4, hhhh(rg3[m/s])	-15.80	15.79	2.55	6.49
b2, hhhh(rg3[m/s])	-15.79	15.76	-0.07	3.98