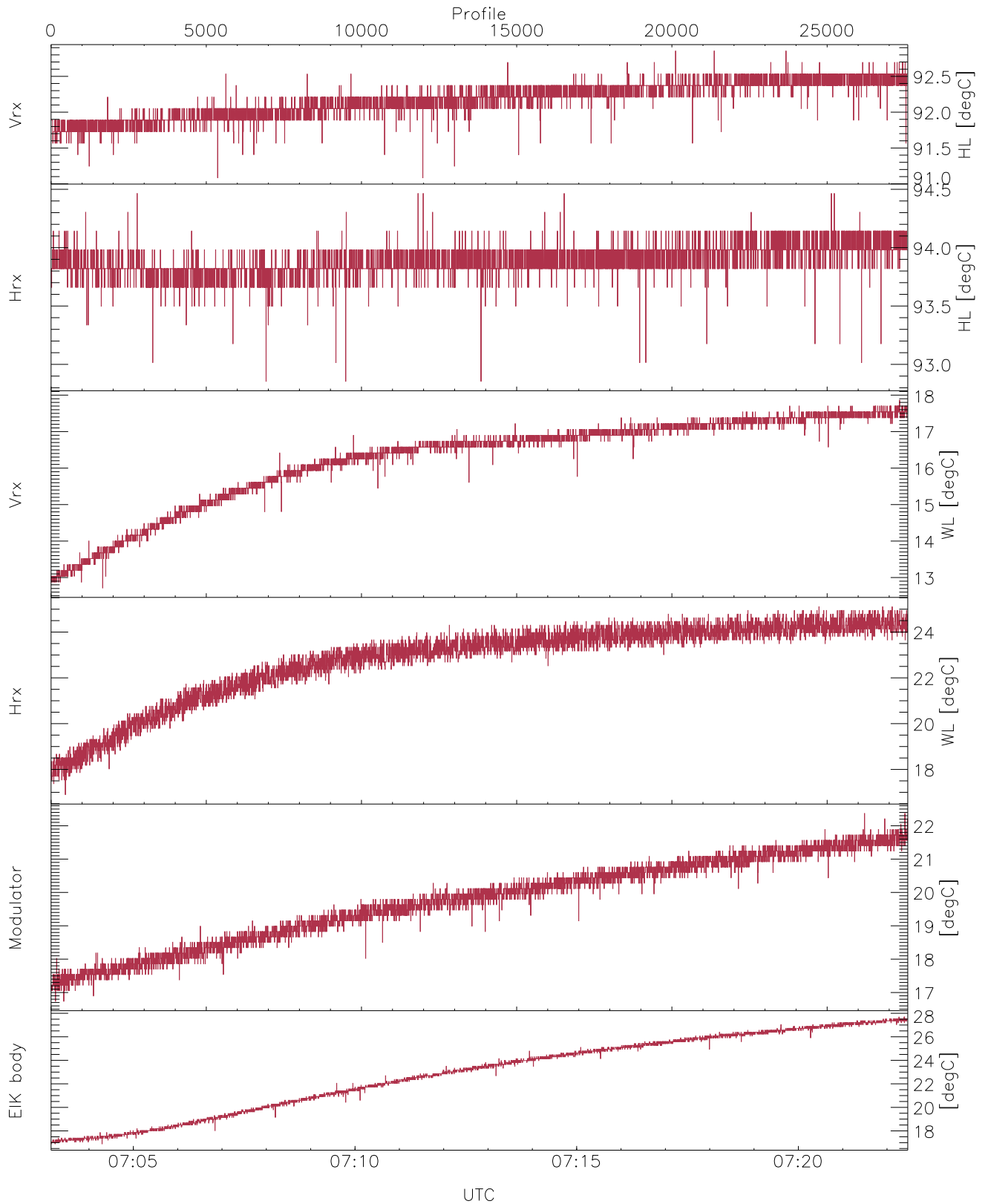


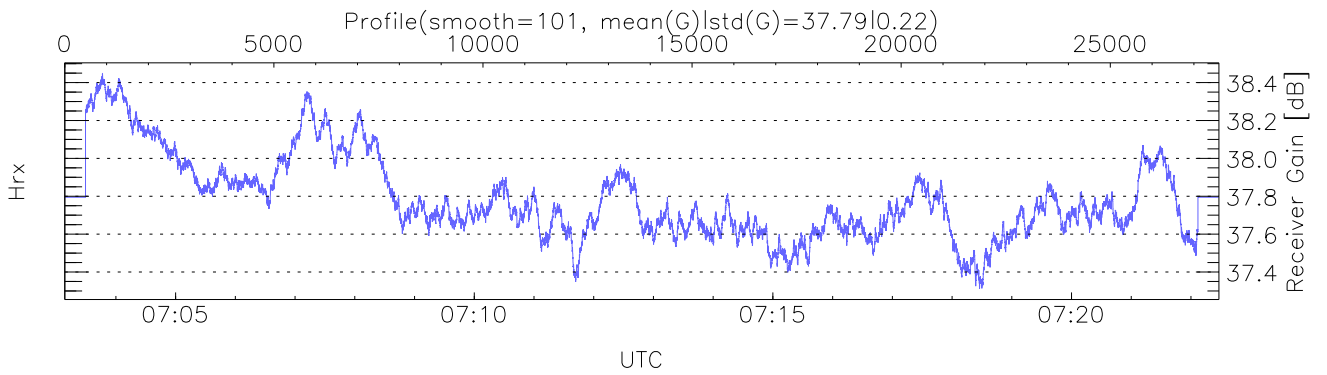
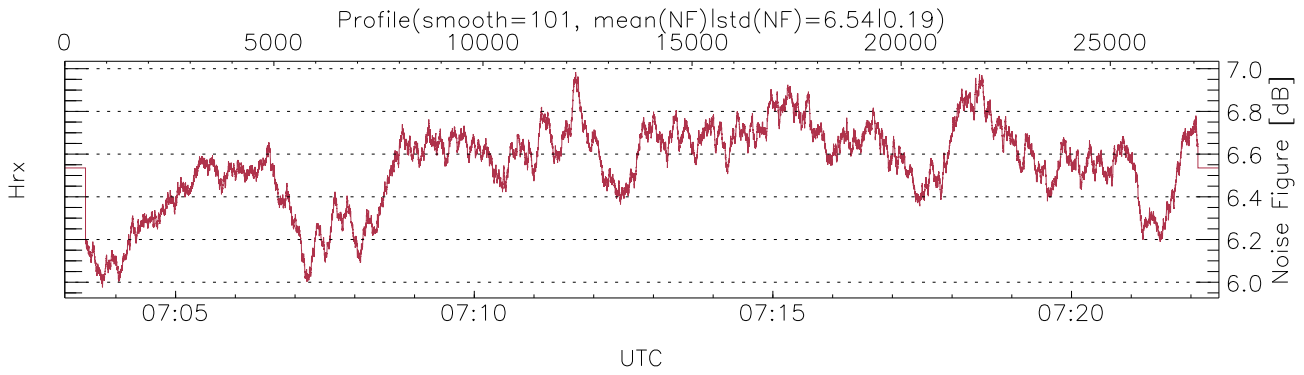
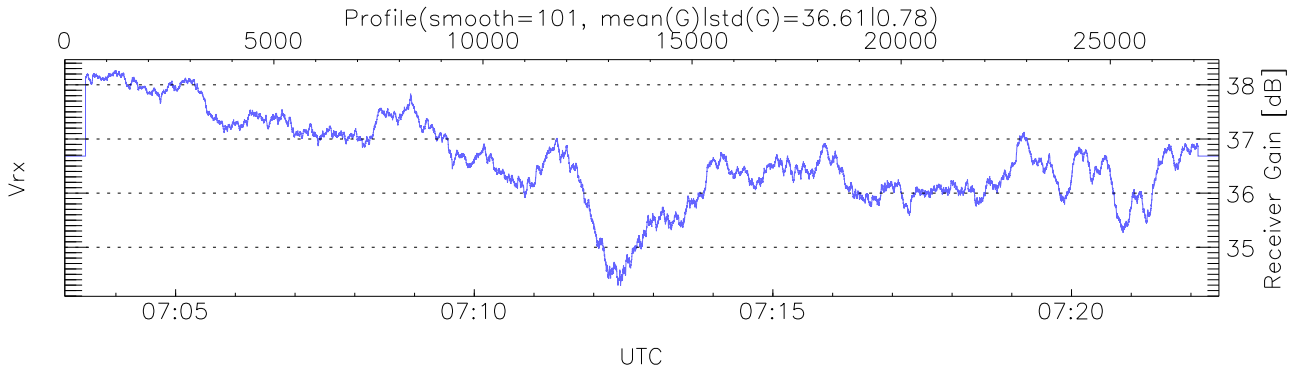
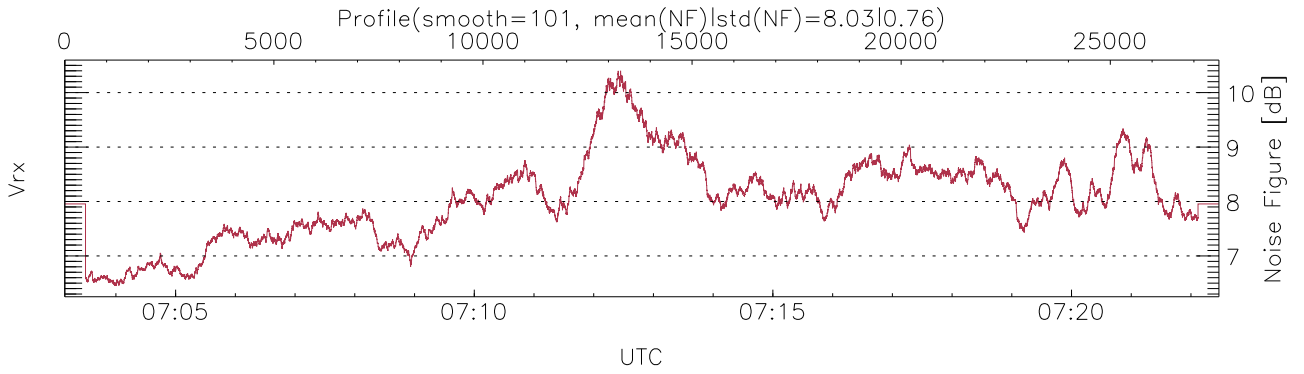
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 07:03:09-07:35:11, Dur: 1922.70s  
 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): 27600/45768, 0-27599/07:03:09-07:22:28  
 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



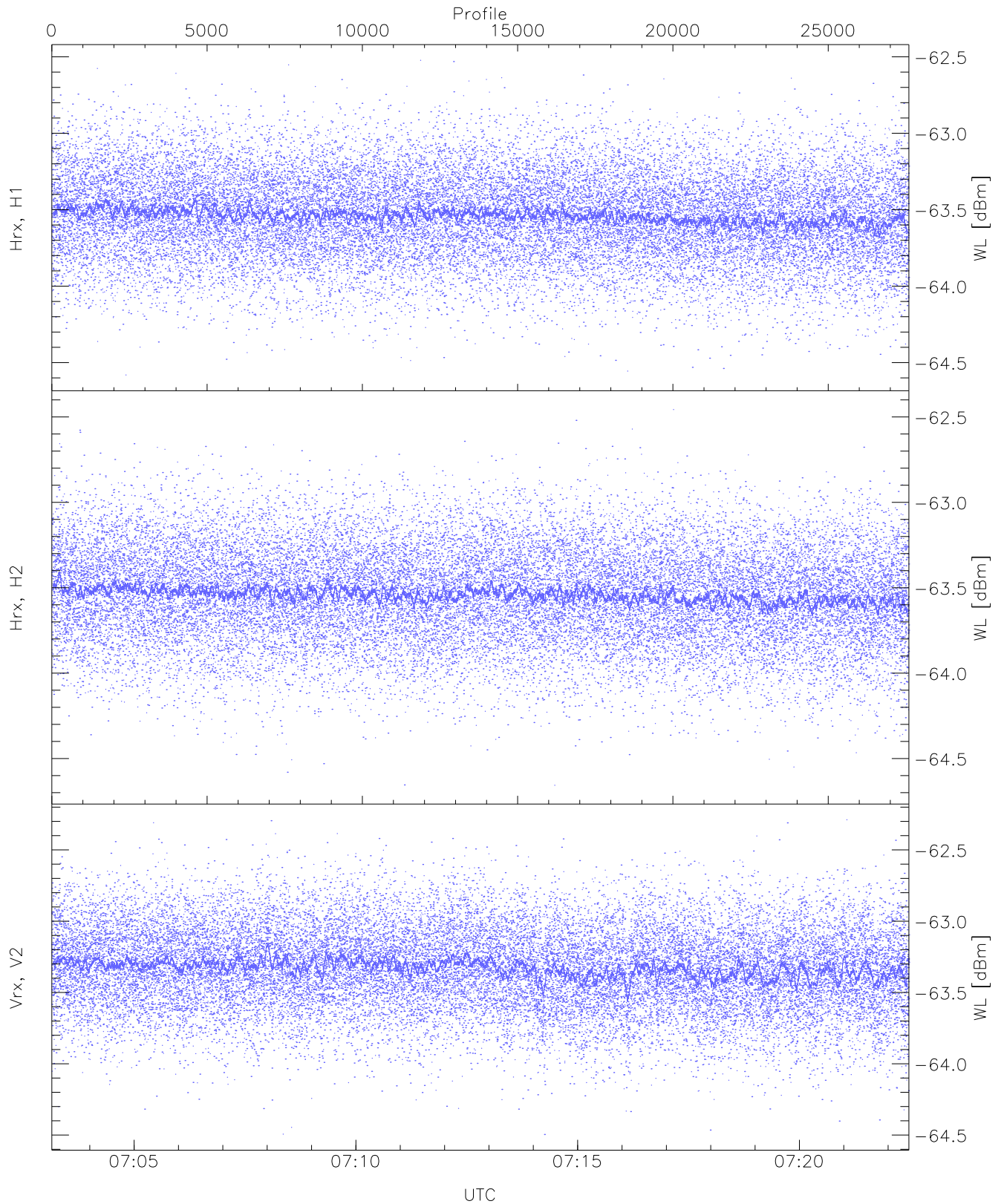
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,12,16,16,16  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,25,22,27  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



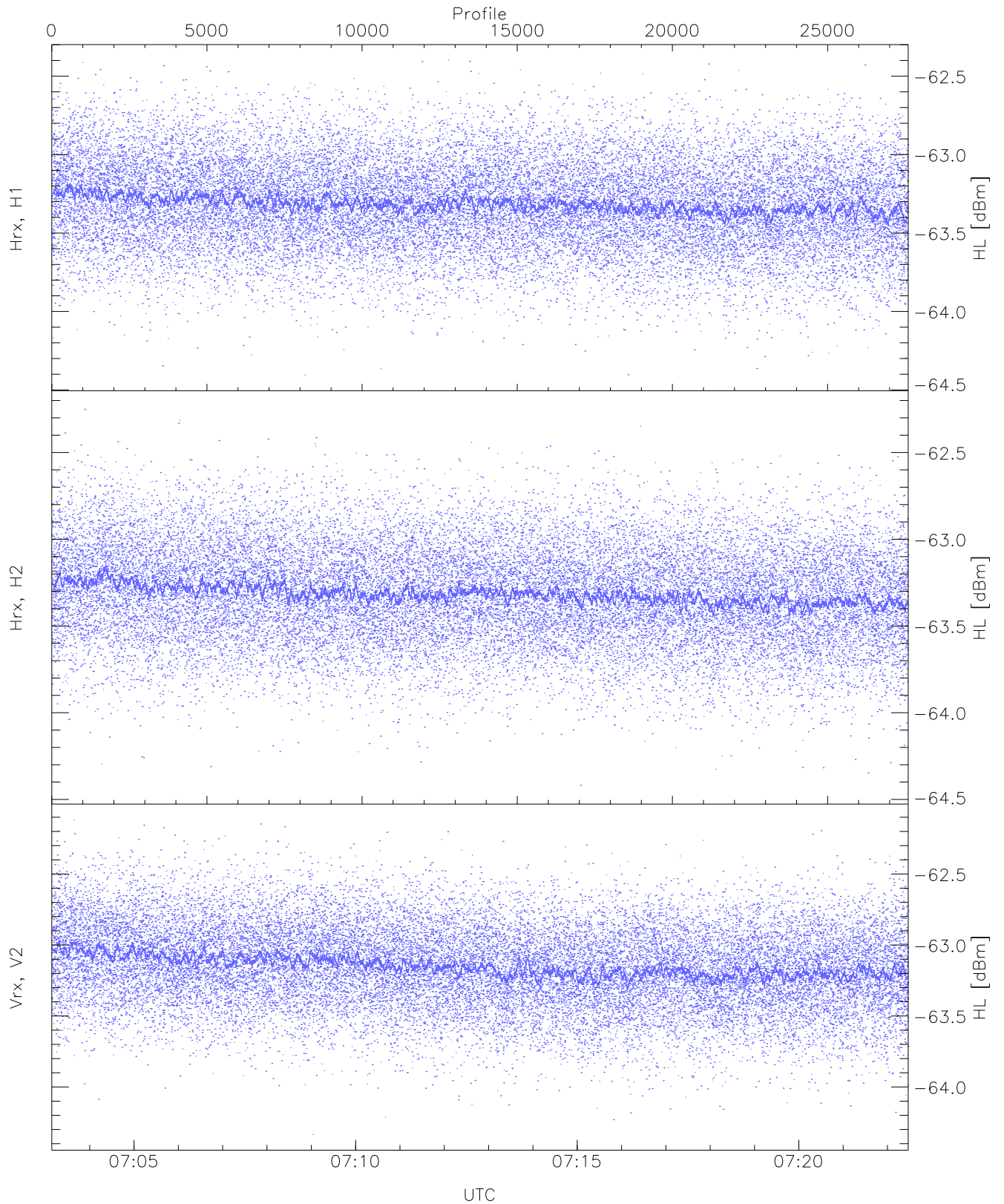
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 599 pixs, 12 gates, 382 profs, 1 prods



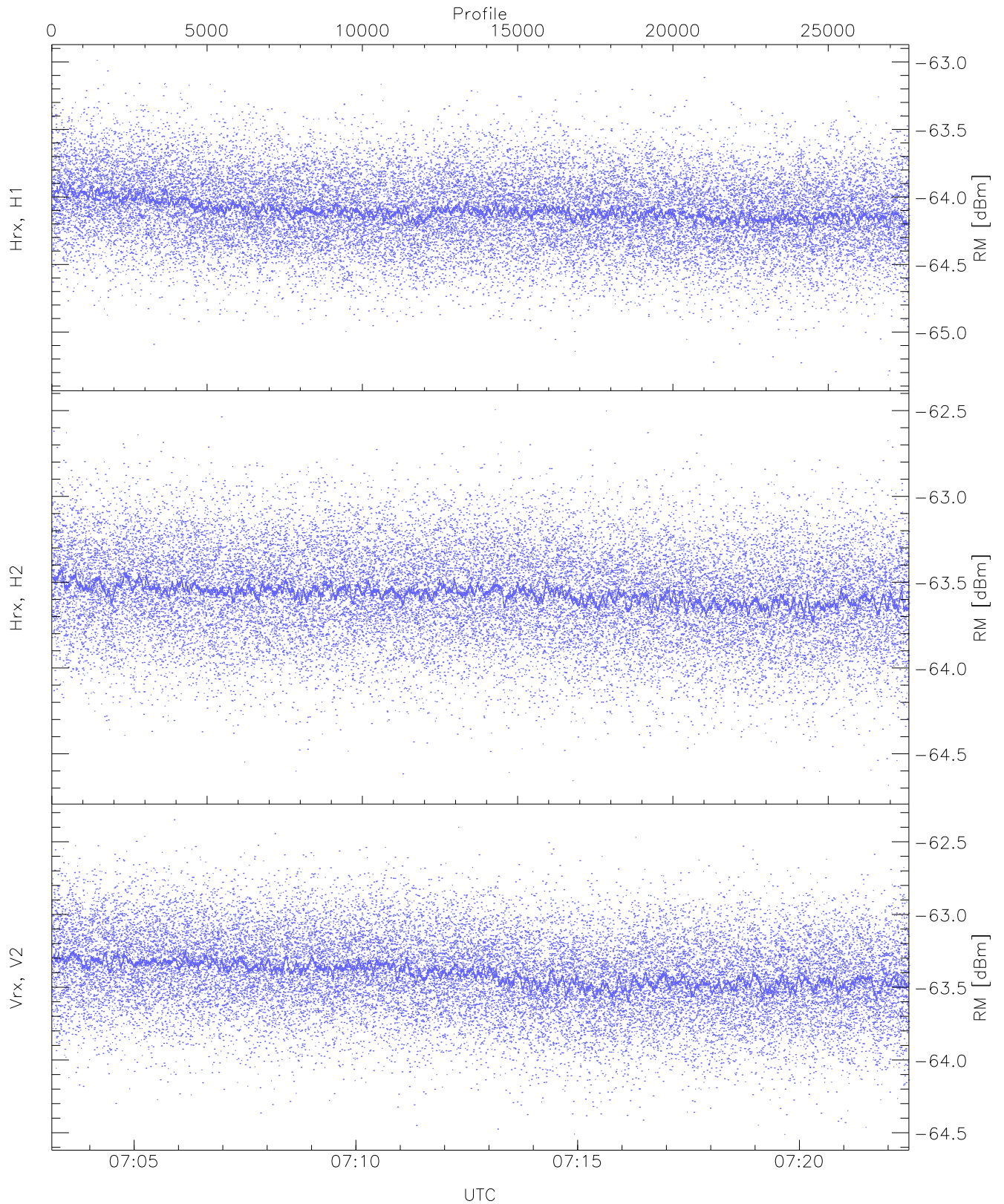
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.58	-62.52	-63.54	-63.54	-75.64
Hrx, H2(WL [dBm])	-64.66	-62.46	-63.54	-63.54	-75.67
Vrx, V2(WL [dBm])	-64.50	-62.29	-63.32	-63.33	-75.31



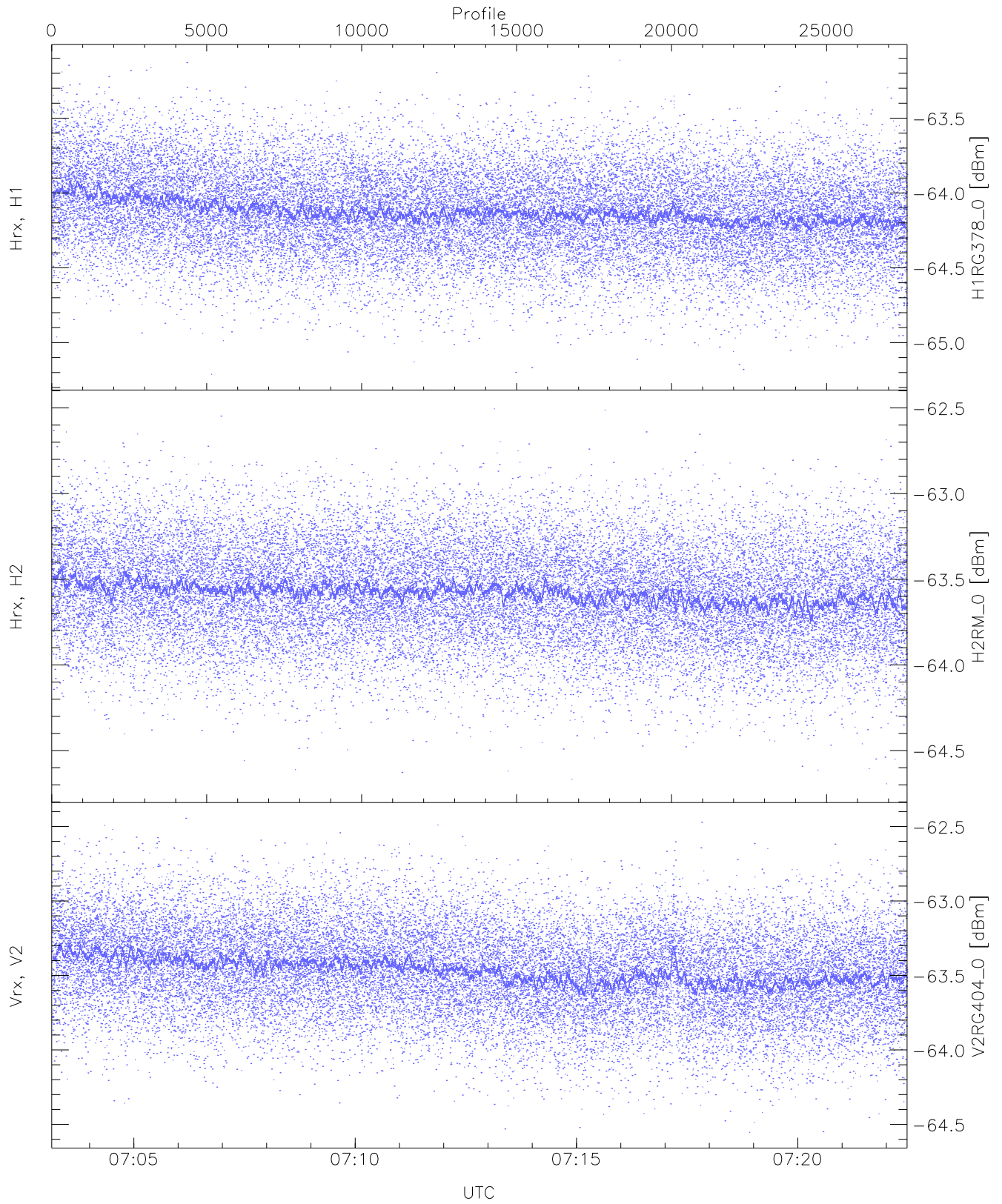
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.40	-62.40	-63.31	-63.32	-75.41
Hrx, H2 (HL [dBm])	-64.42	-62.25	-63.31	-63.32	-75.42
Vrx, V2 (HL [dBm])	-64.33	-62.12	-63.14	-63.15	-75.11



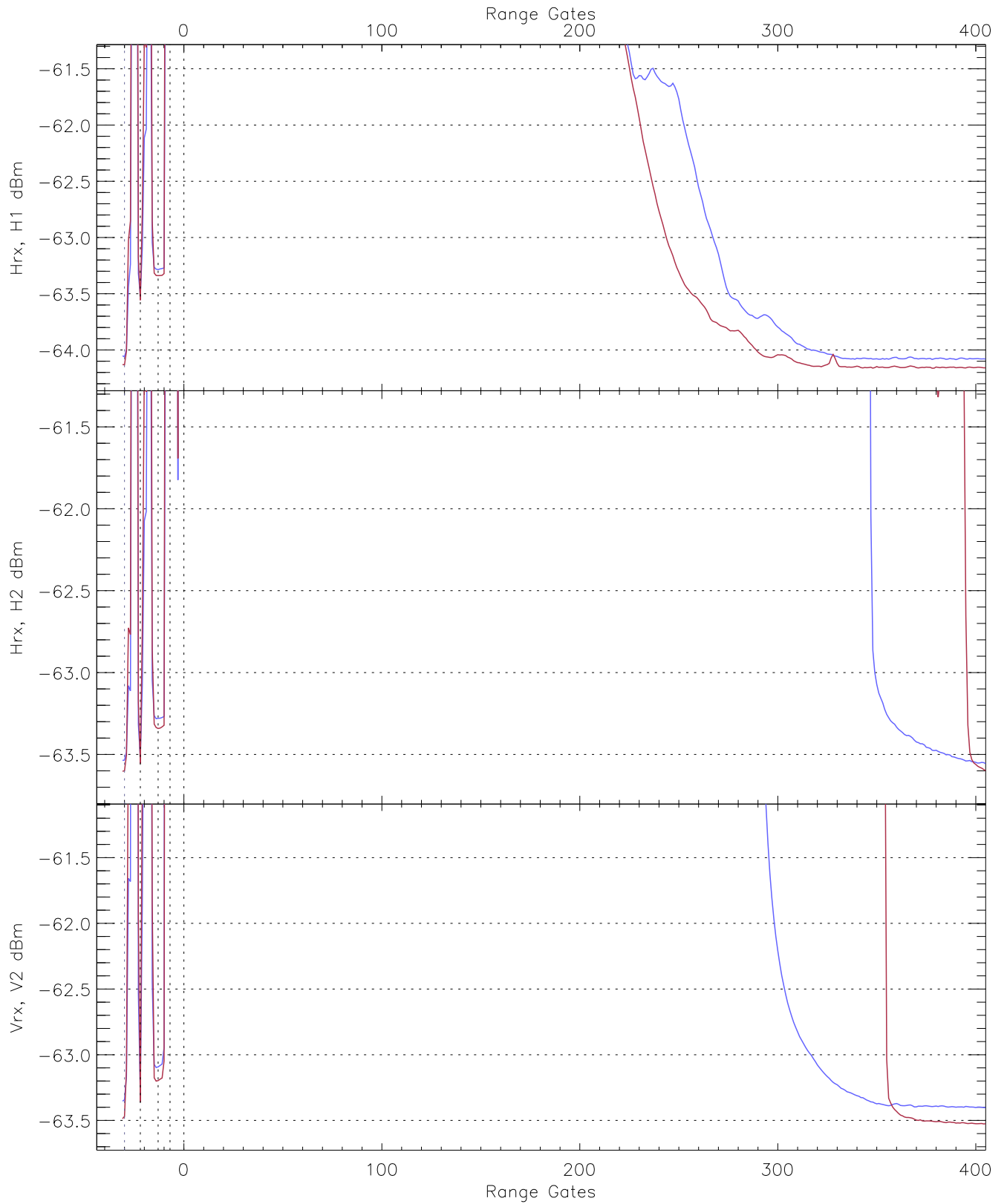
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.32	-62.99	-64.10	-64.10	-76.13
Hrx, H2(RM [dBm])	-64.68	-62.49	-63.57	-63.57	-75.67
Vrx, V2(RM [dBm])	-64.51	-62.35	-63.41	-63.41	-75.37



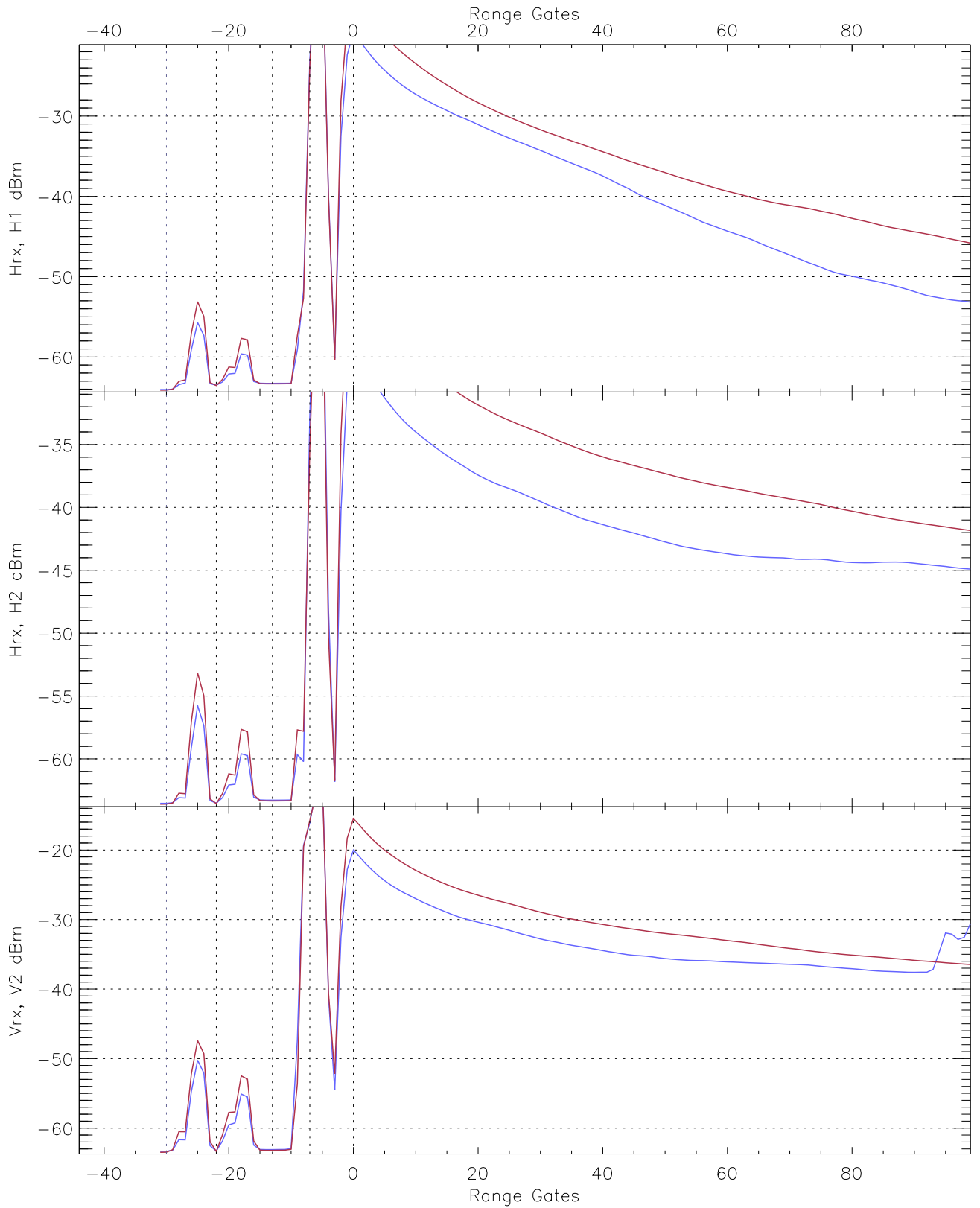
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG378_0 [dBm]	-65.21	-63.11	-64.12	-64.13	-76.15
H2RM_0 [dBm]	-64.69	-62.50	-63.58	-63.58	-75.68
V2RG404_0 [dBm]	-64.55	-62.44	-63.46	-63.47	-75.40

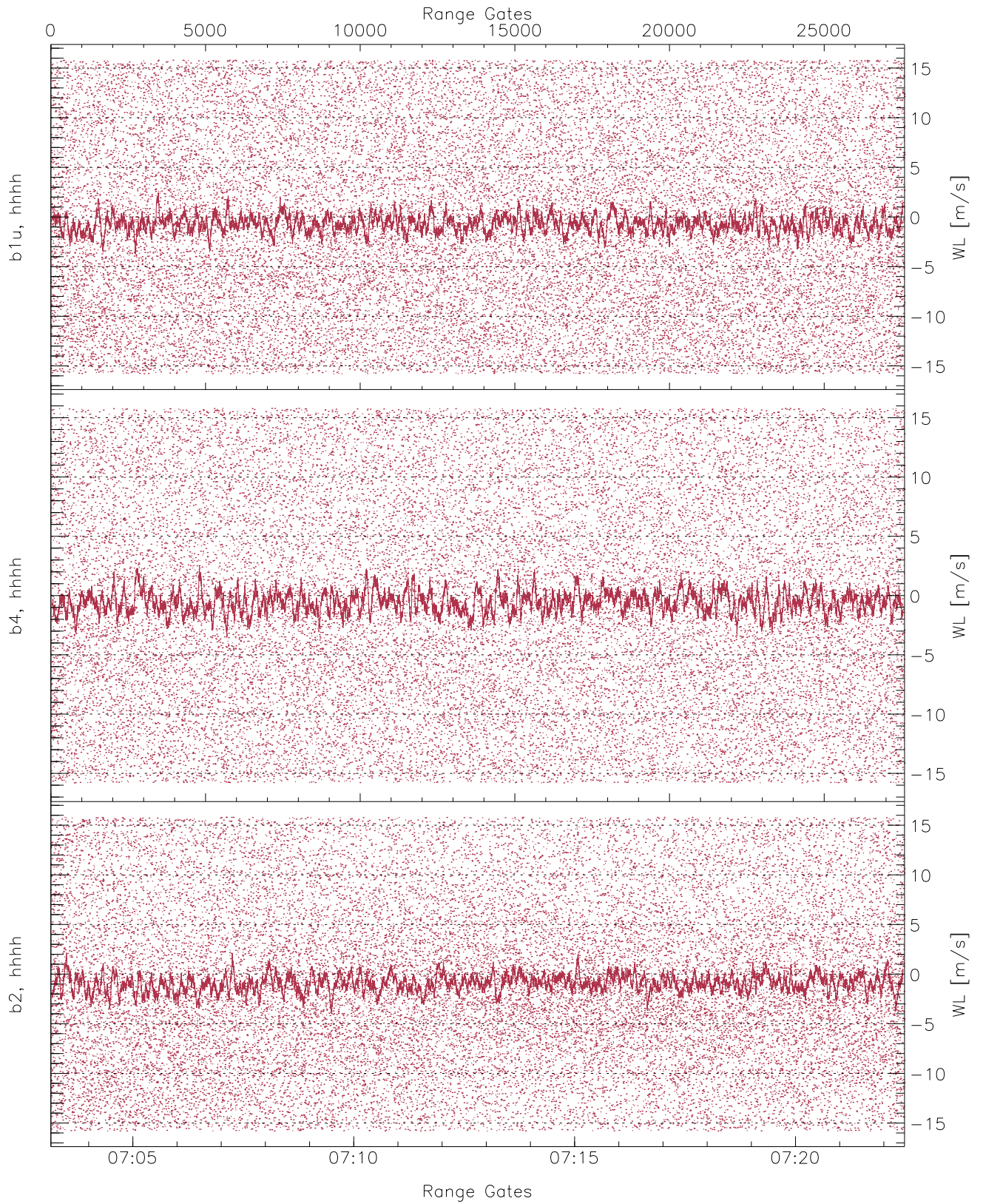


WCR2 CPP Averaged Received power for all recorded gates  
blue: 070309-071248, 13801 profiles averaged  
red: 071248-072228, 13800 profiles averaged

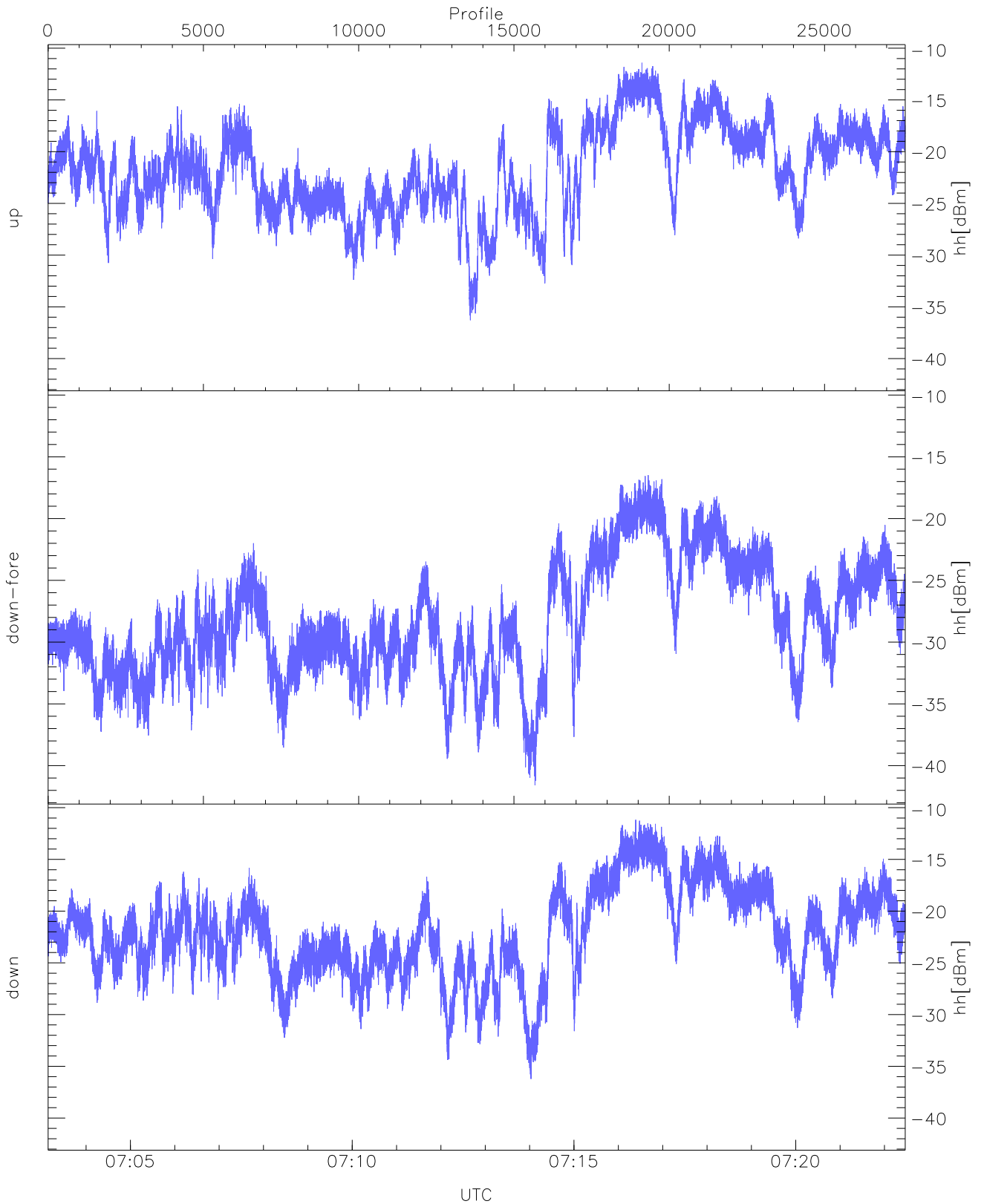




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 070309-071248, 13801 profiles averaged  
red: 071248-072228, 13800 profiles averaged

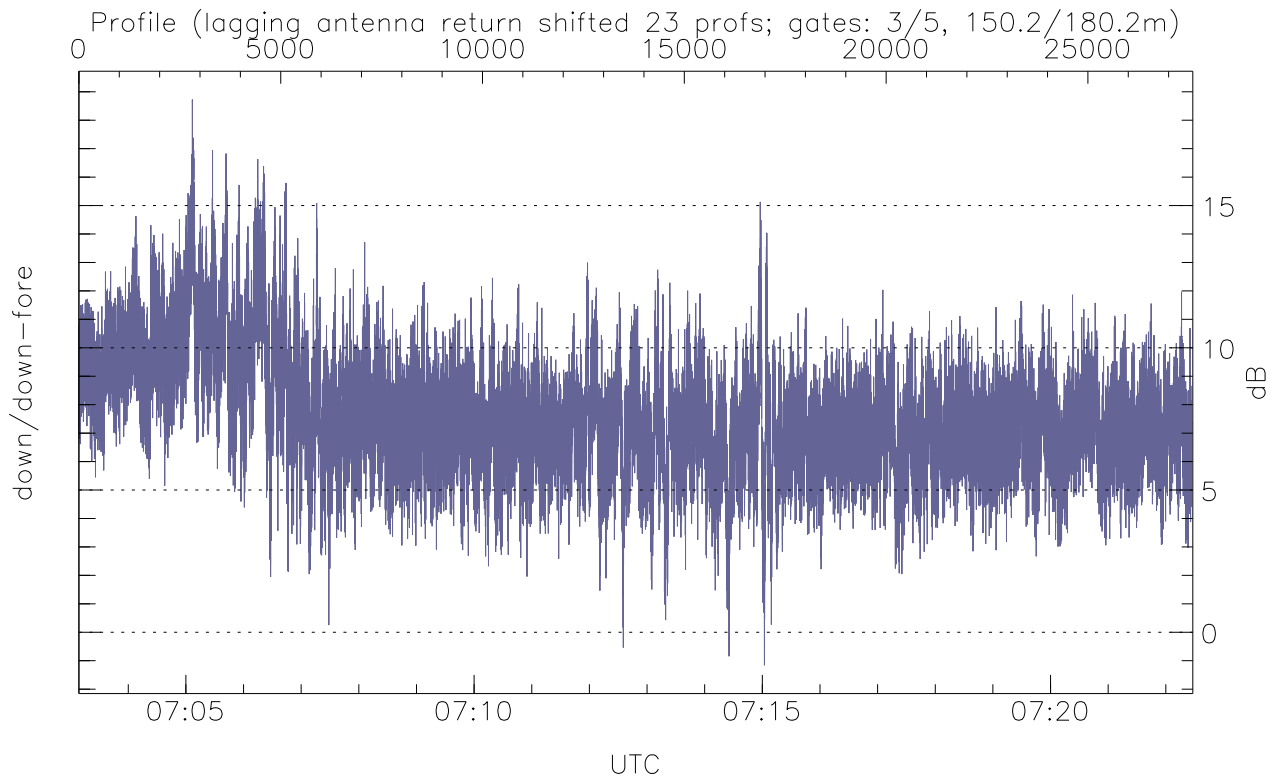
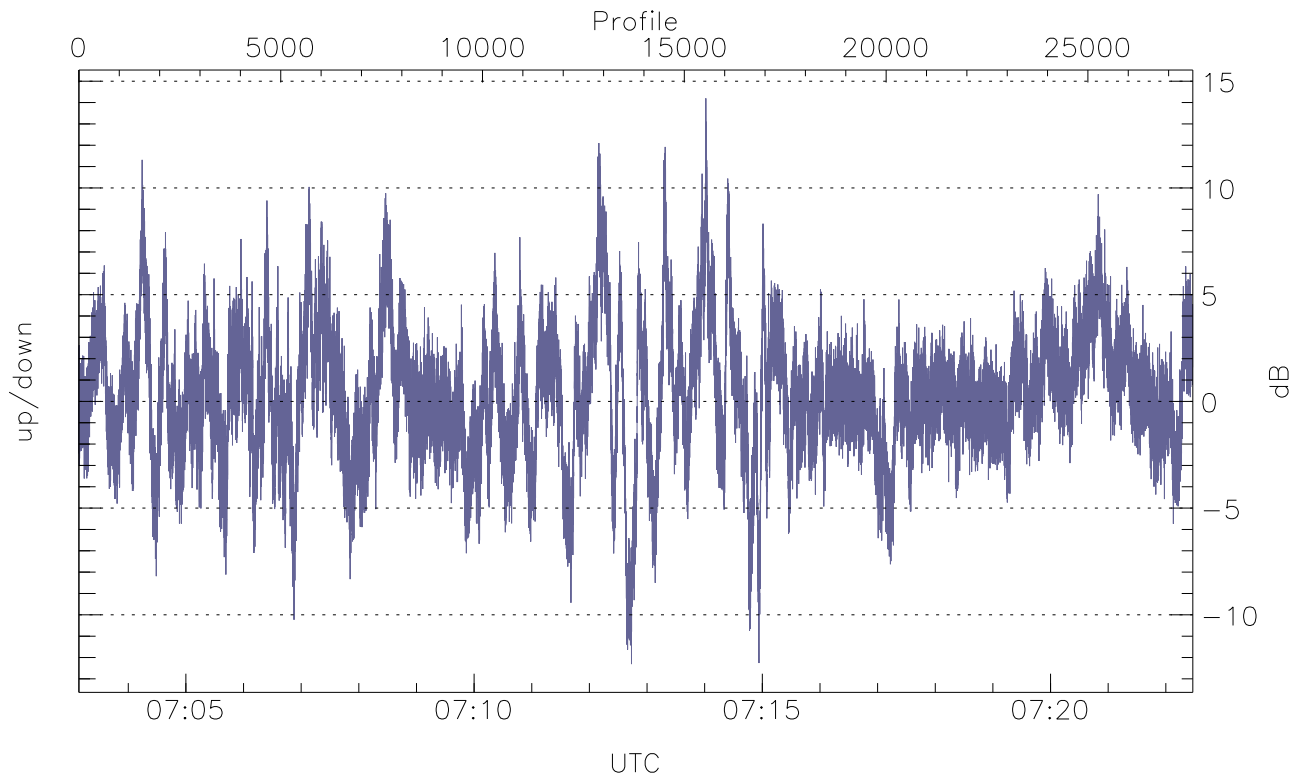


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



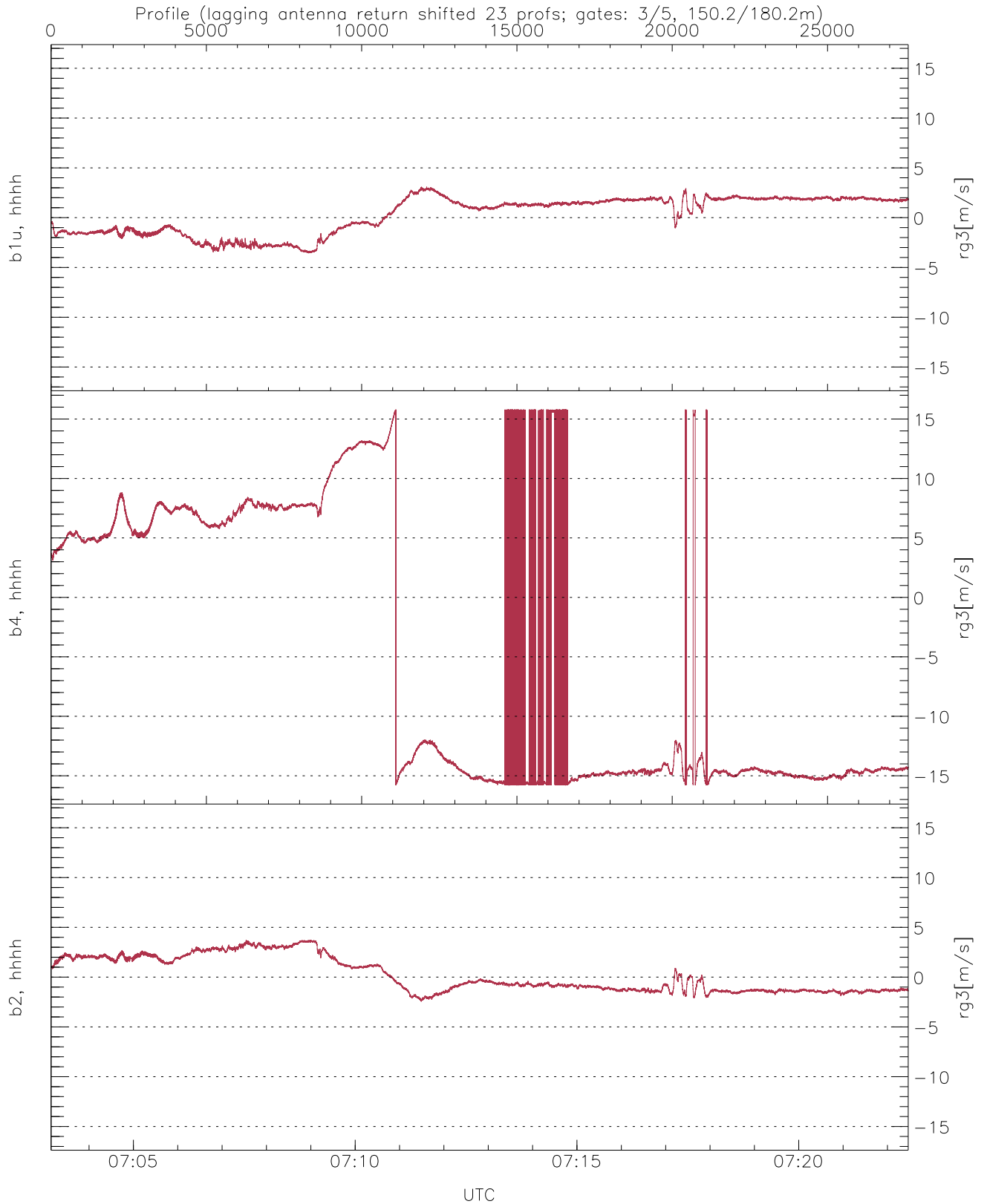
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-36.29	-11.41	-19.92
down-fore(hh[dBm])	-41.59	-16.49	-25.86
down(hh[dBm])	-36.23	-11.17	-20.11



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-12.31	14.20	0.31
down/down-fore (dB)	-1.16	18.73	7.65



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-3.58	3.10	0.29	1.86
b4, hhhh(rg3[m/s])	-15.80	15.80	-4.77	11.61
b2, hhhh(rg3[m/s])	-2.46	3.73	0.19	1.77