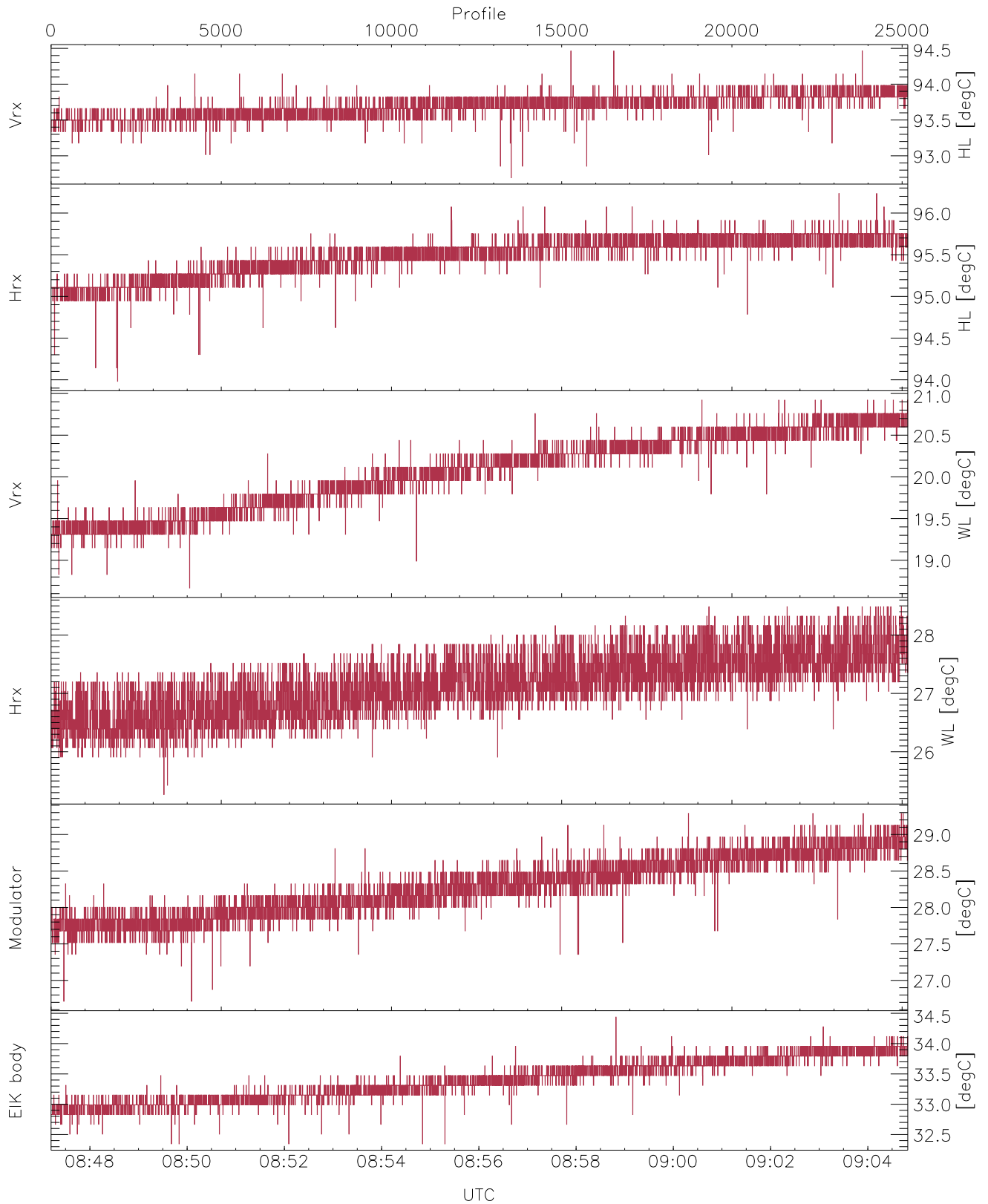


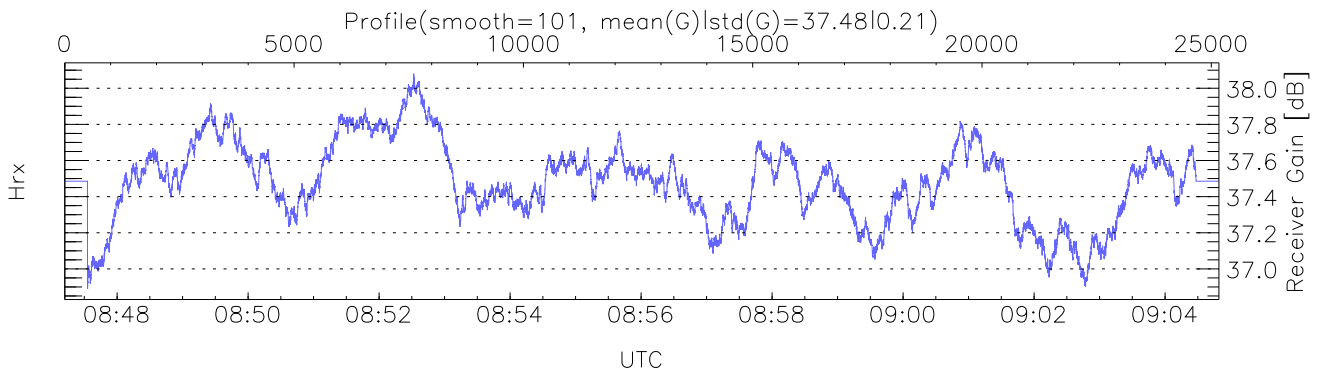
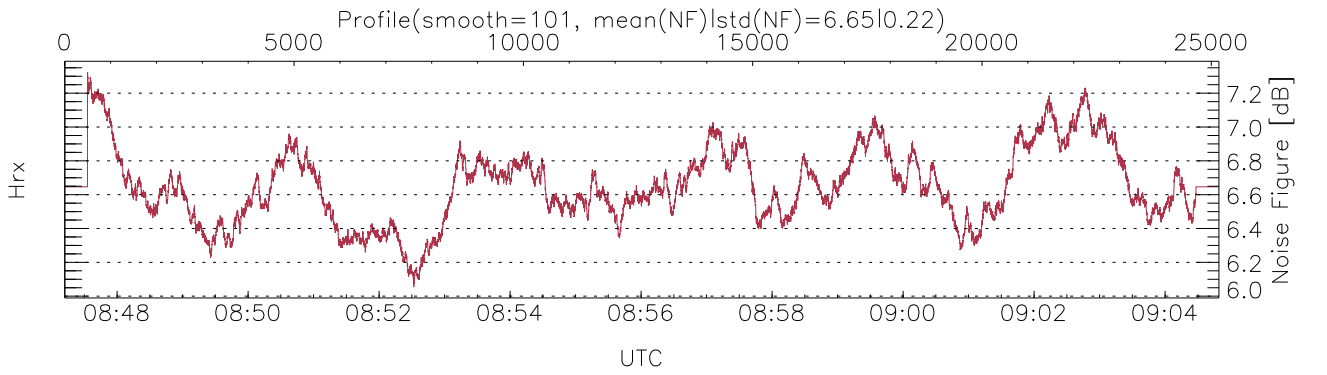
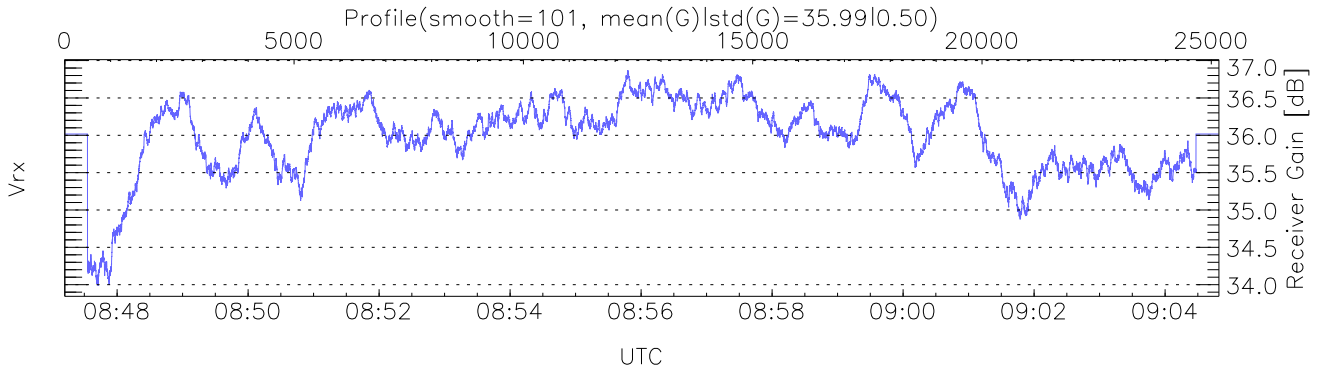
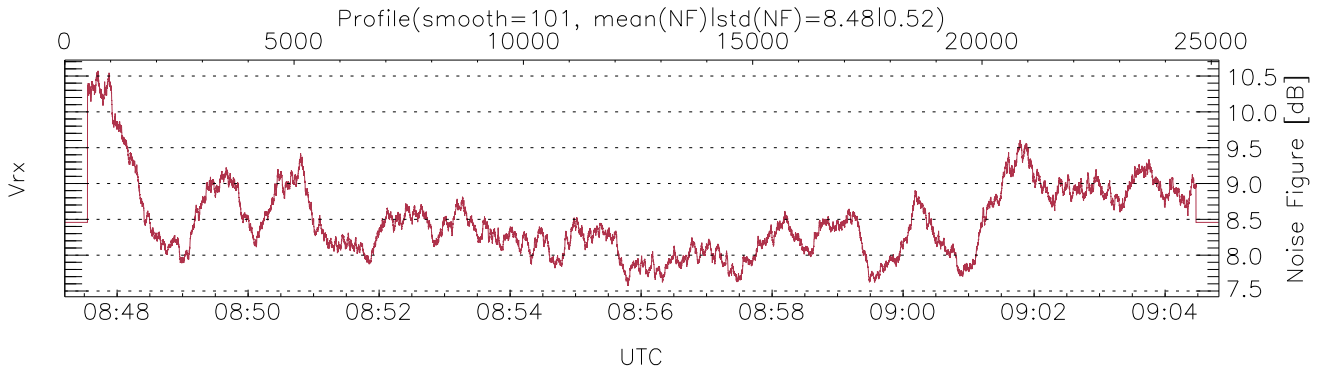
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 08:47:12-09:04:49, Dur: 1057.28s  
 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): 25168/25168, 0-25167/08:47:12-09:04:49  
 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



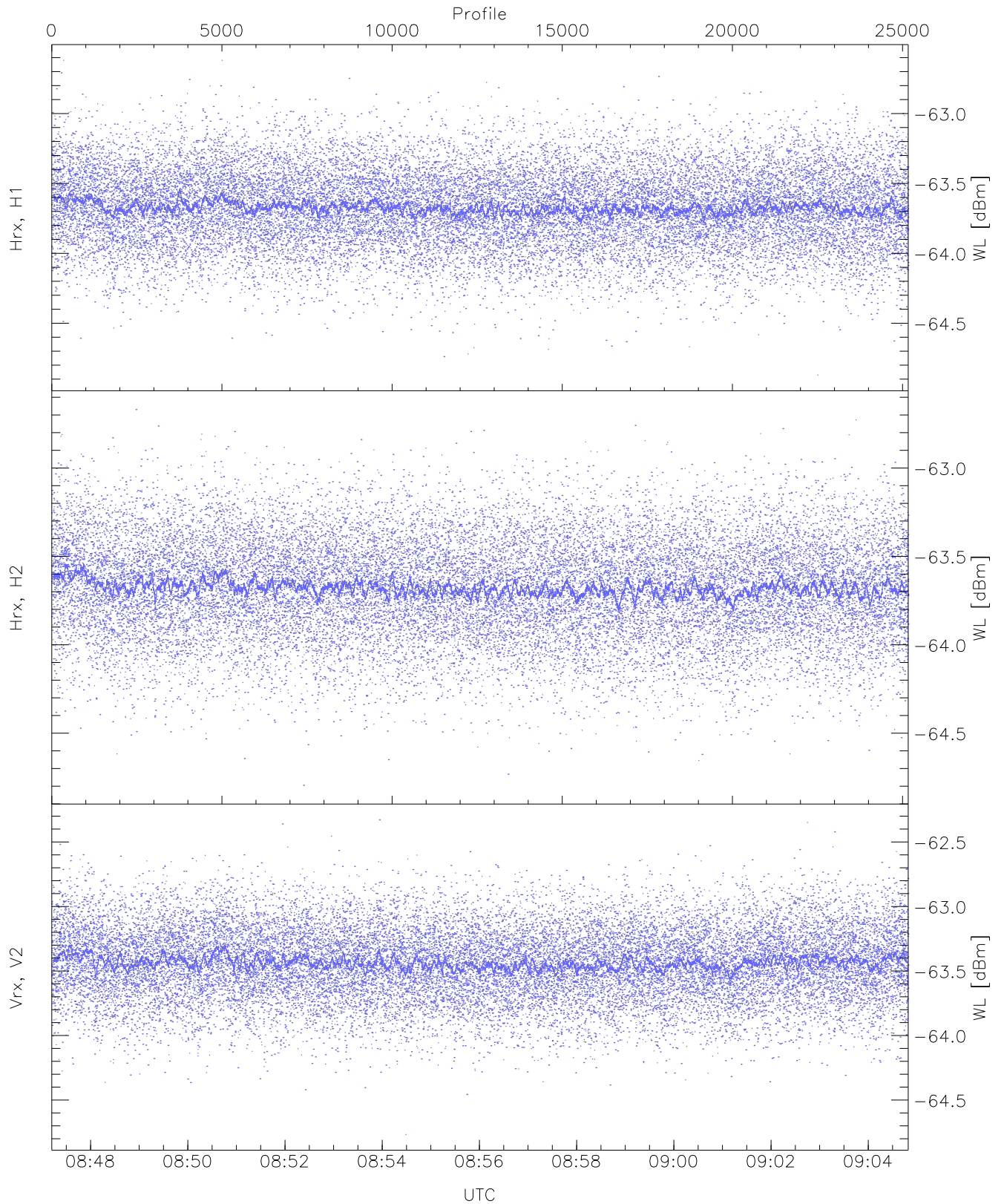
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,25,26,32  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,20,28,29,34  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



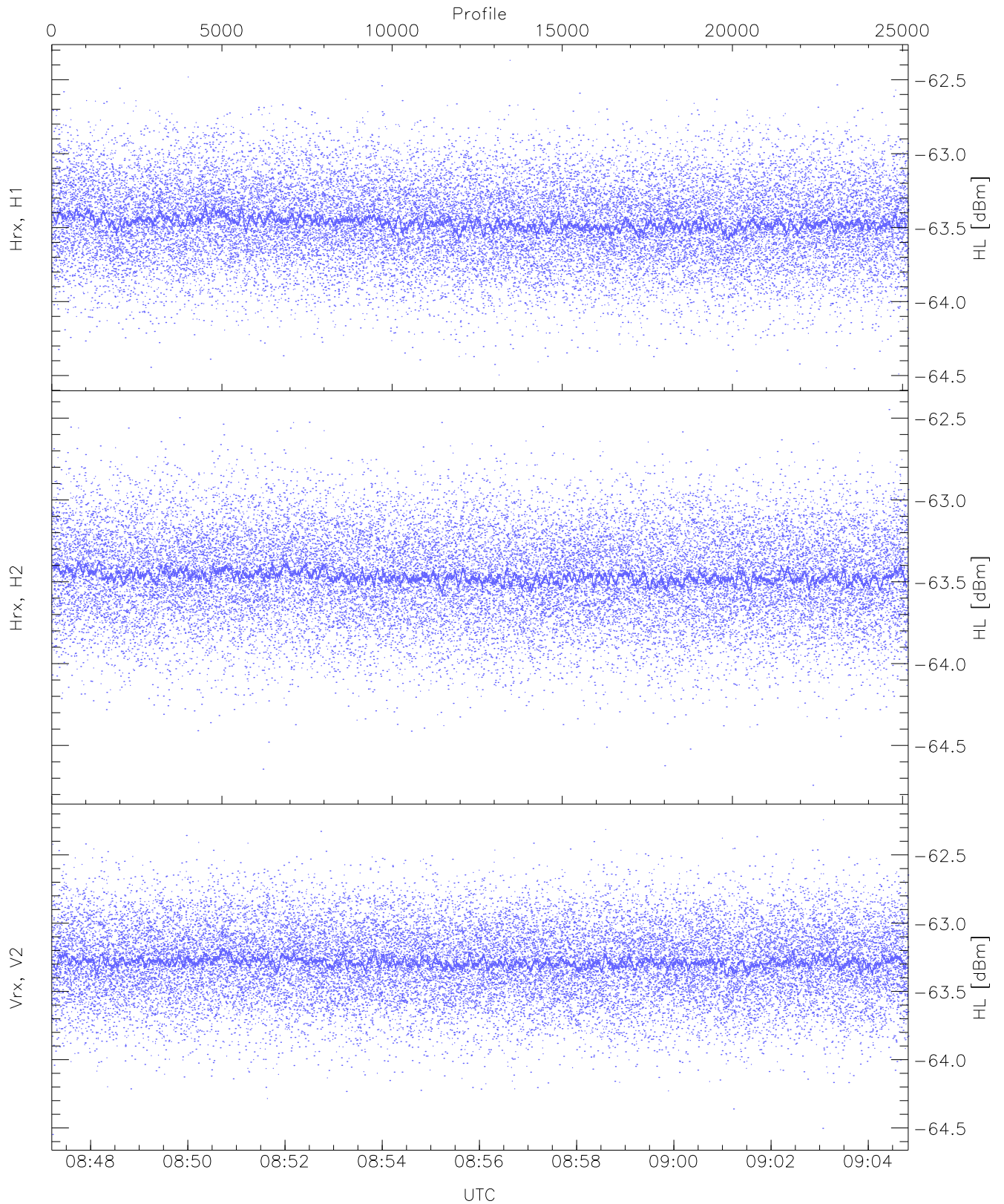
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 16865 pixs, 22 gates, 11912 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

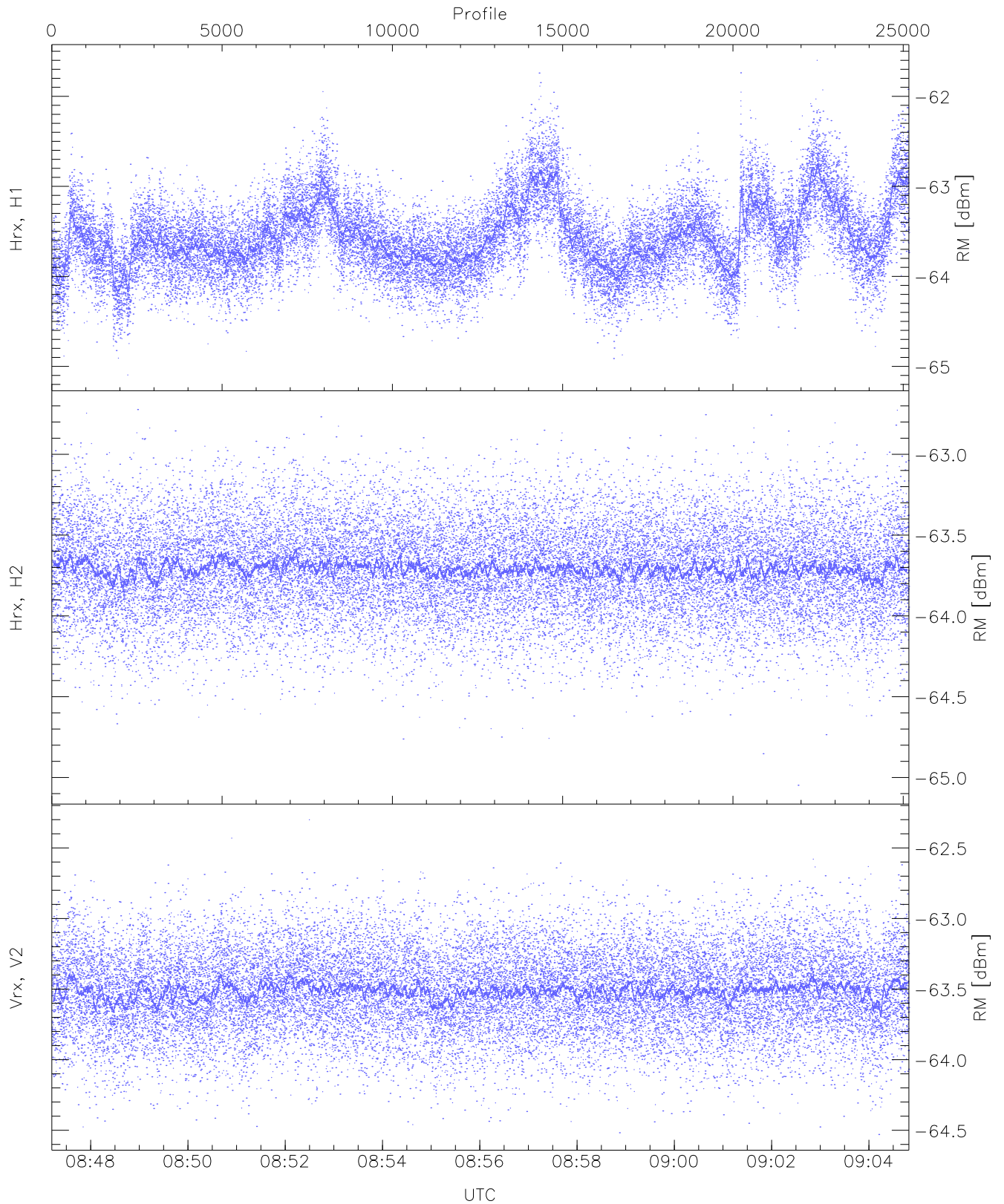
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.87	-62.62	-63.67	-63.67	-75.81
Hrx, H2(WL [dBm])	-64.79	-62.67	-63.67	-63.68	-75.77
Vrx, V2(WL [dBm])	-64.77	-62.33	-63.43	-63.44	-75.50



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

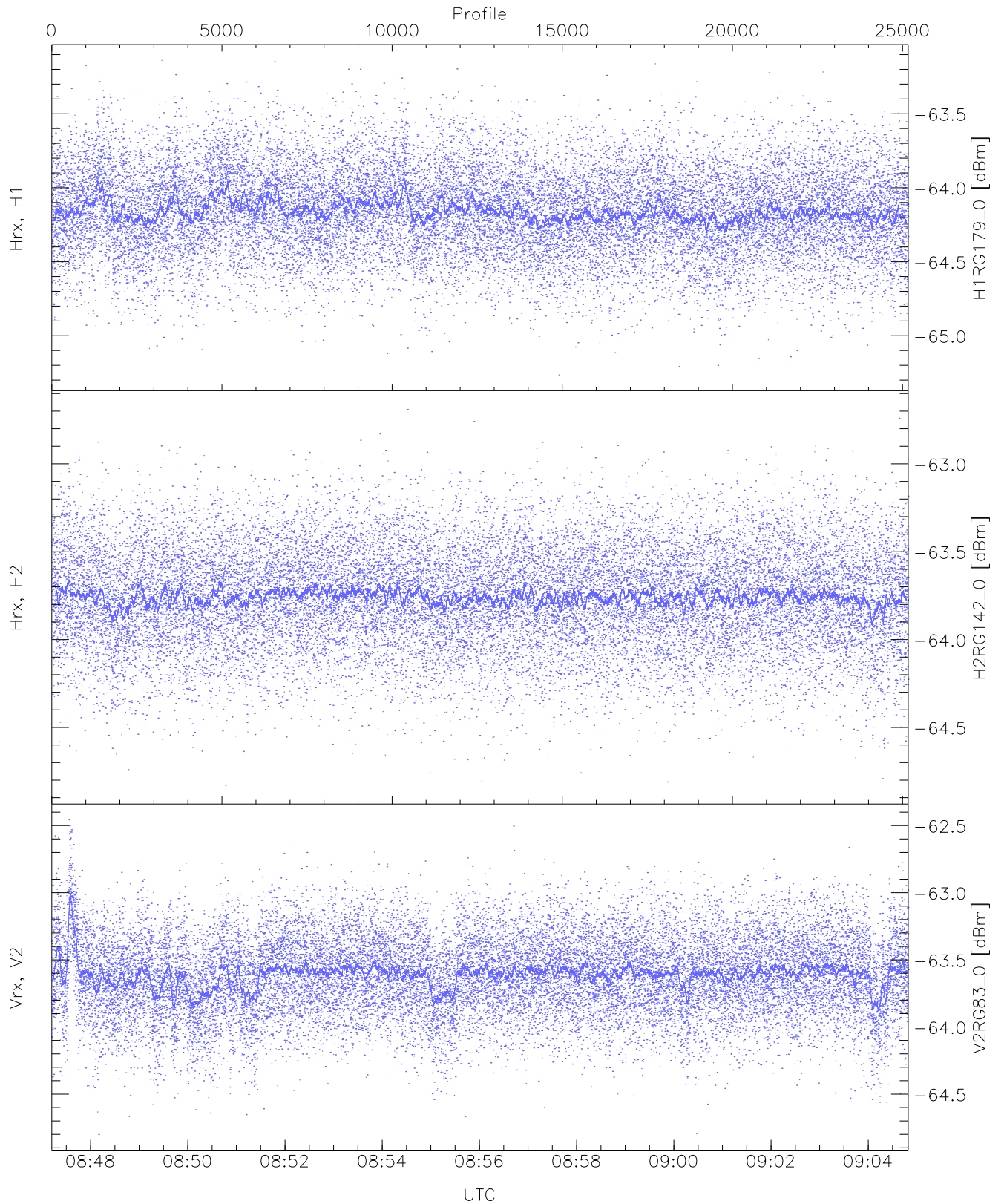
	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-64.50	-62.37	-63.46	-63.47	-75.58
Hrx, H2(HL [dBm])	-64.74	-62.45	-63.46	-63.47	-75.56
Vrx, V2(HL [dBm])	-64.55	-62.24	-63.28	-63.29	-75.38





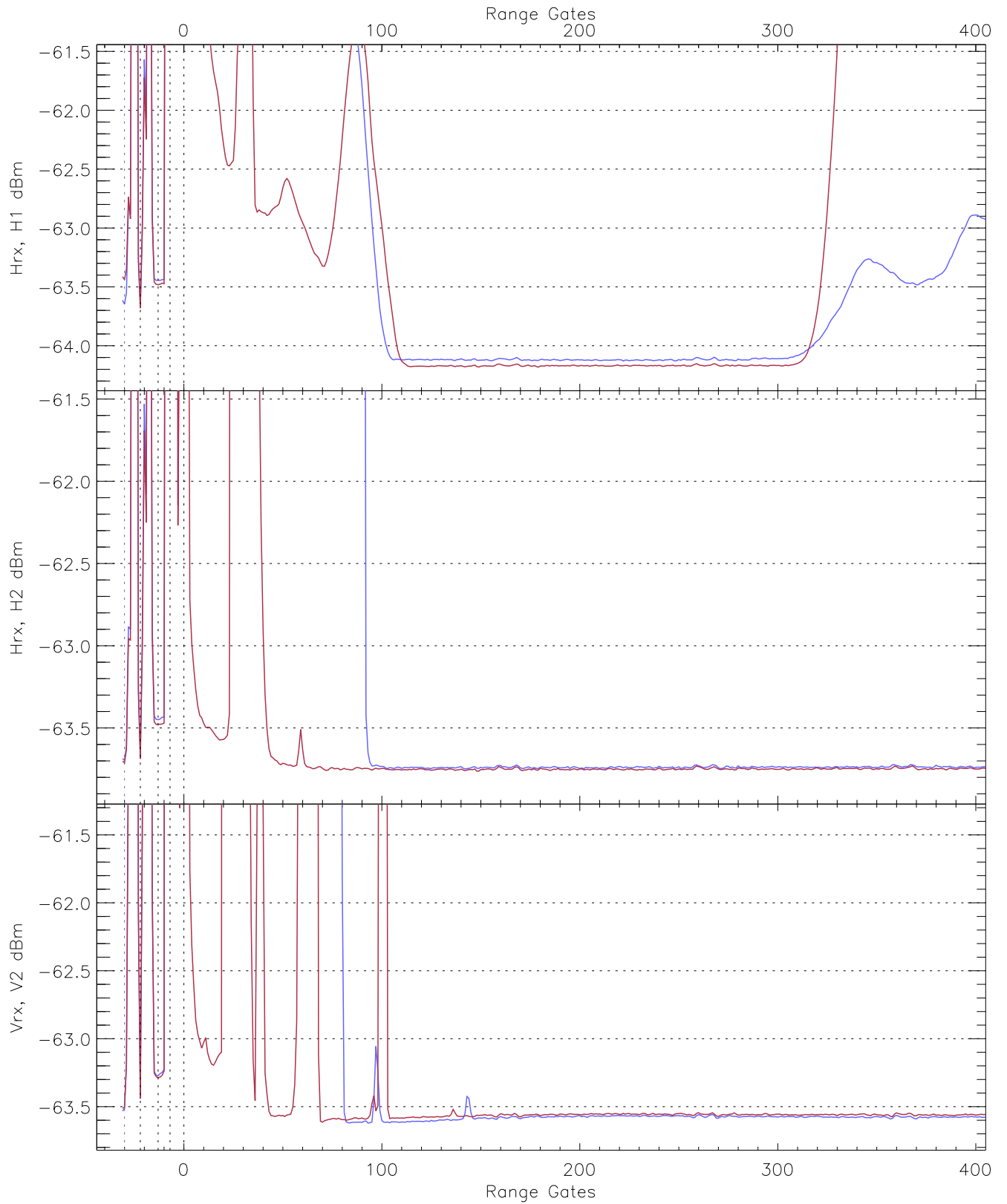
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.10	-61.60	-63.54	-63.59	-73.69
Hrx, H2(RM [dBm])	-65.05	-62.72	-63.70	-63.71	-75.83
Vrx, V2(RM [dBm])	-64.53	-62.30	-63.51	-63.52	-75.56



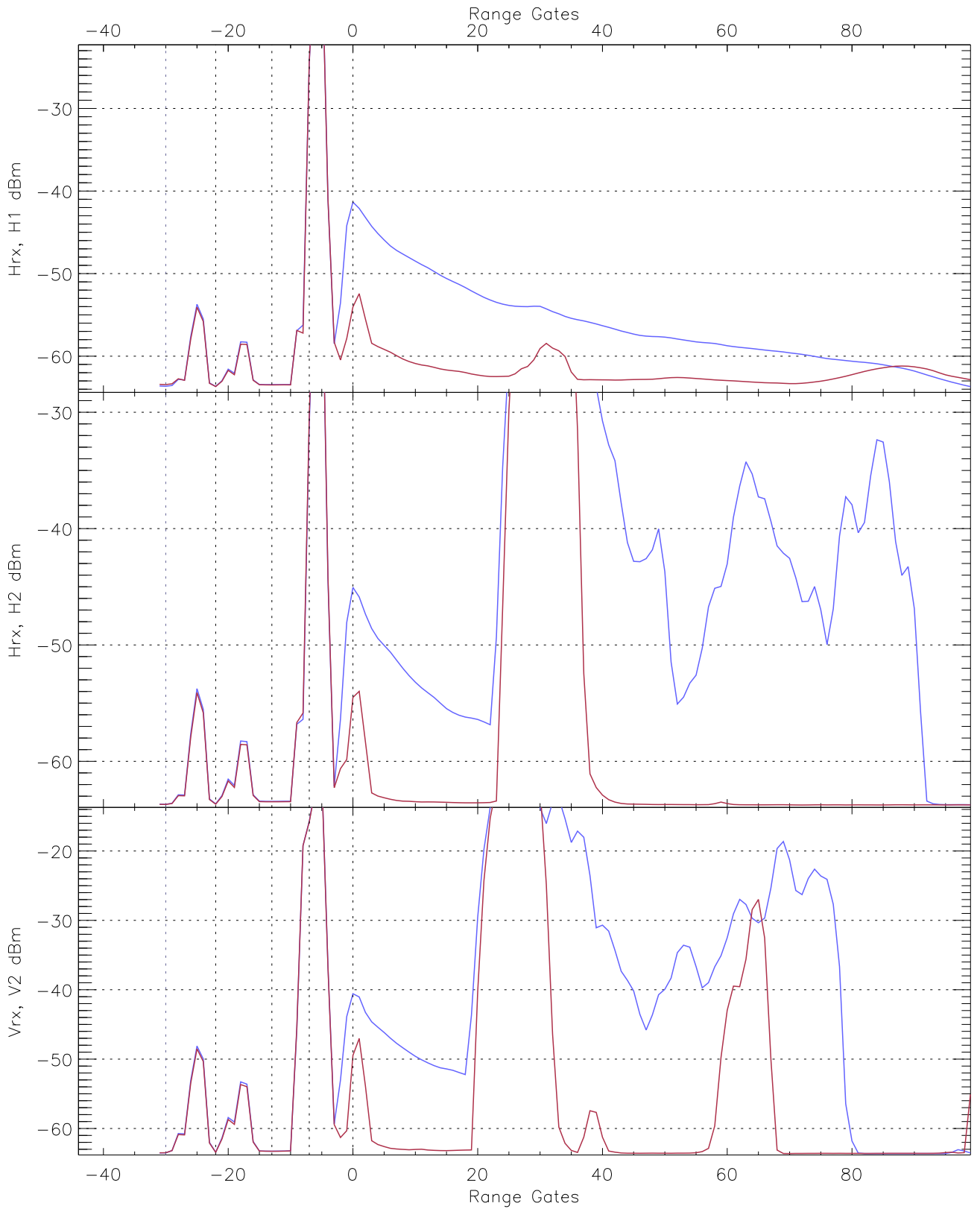
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG179_0 [dBm]	-65.27	-63.14	-64.15	-64.16	-76.18
H2RG142_0 [dBm]	-64.83	-62.69	-63.75	-63.76	-75.85
V2RG83_0 [dBm]	-64.80	-62.46	-63.61	-63.62	-75.53

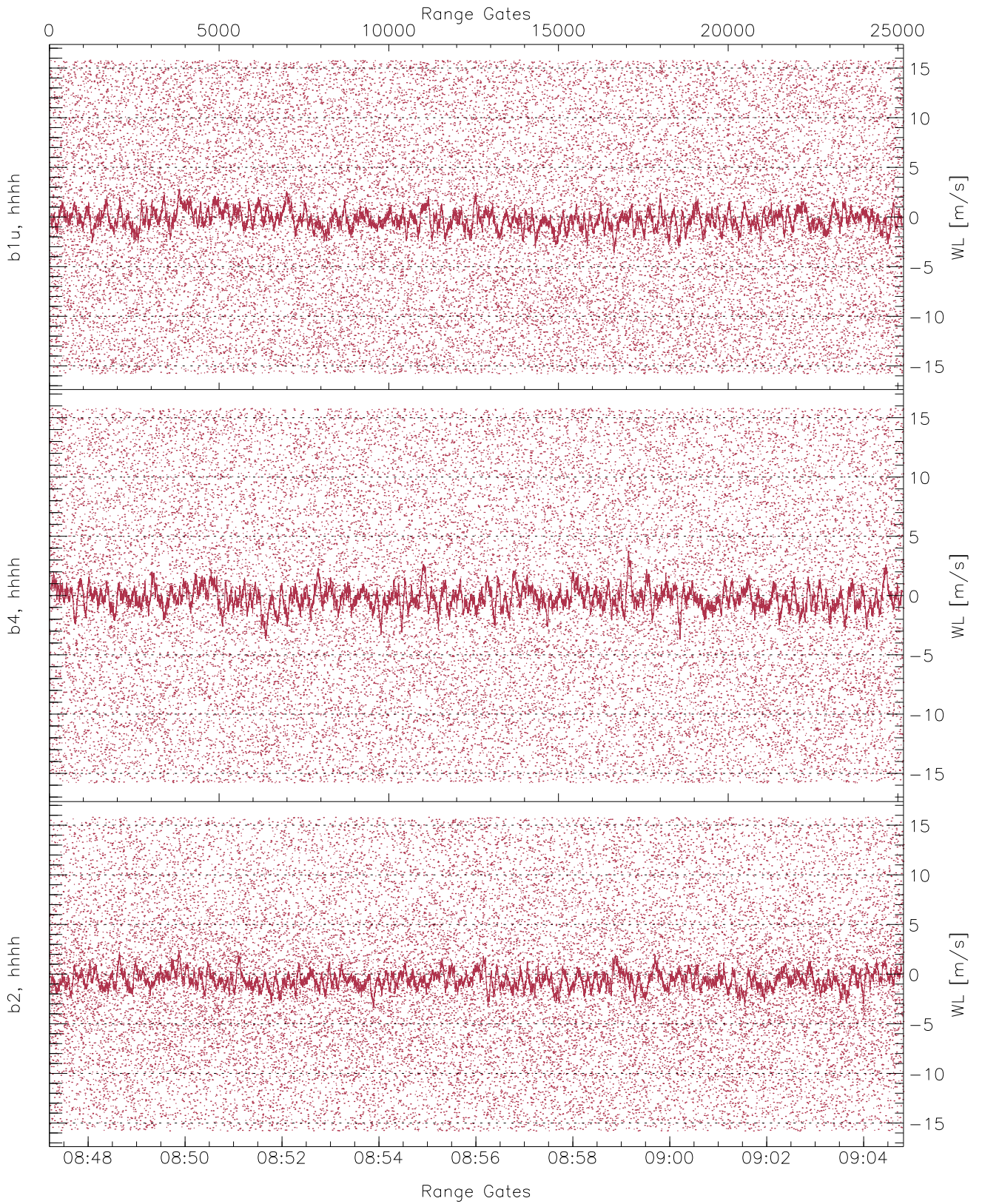


WCR2 CPP Averaged Received power for all recorded gates  
blue: 084712-085601, 12585 profiles averaged  
red: 085601-090449, 12584 profiles averaged

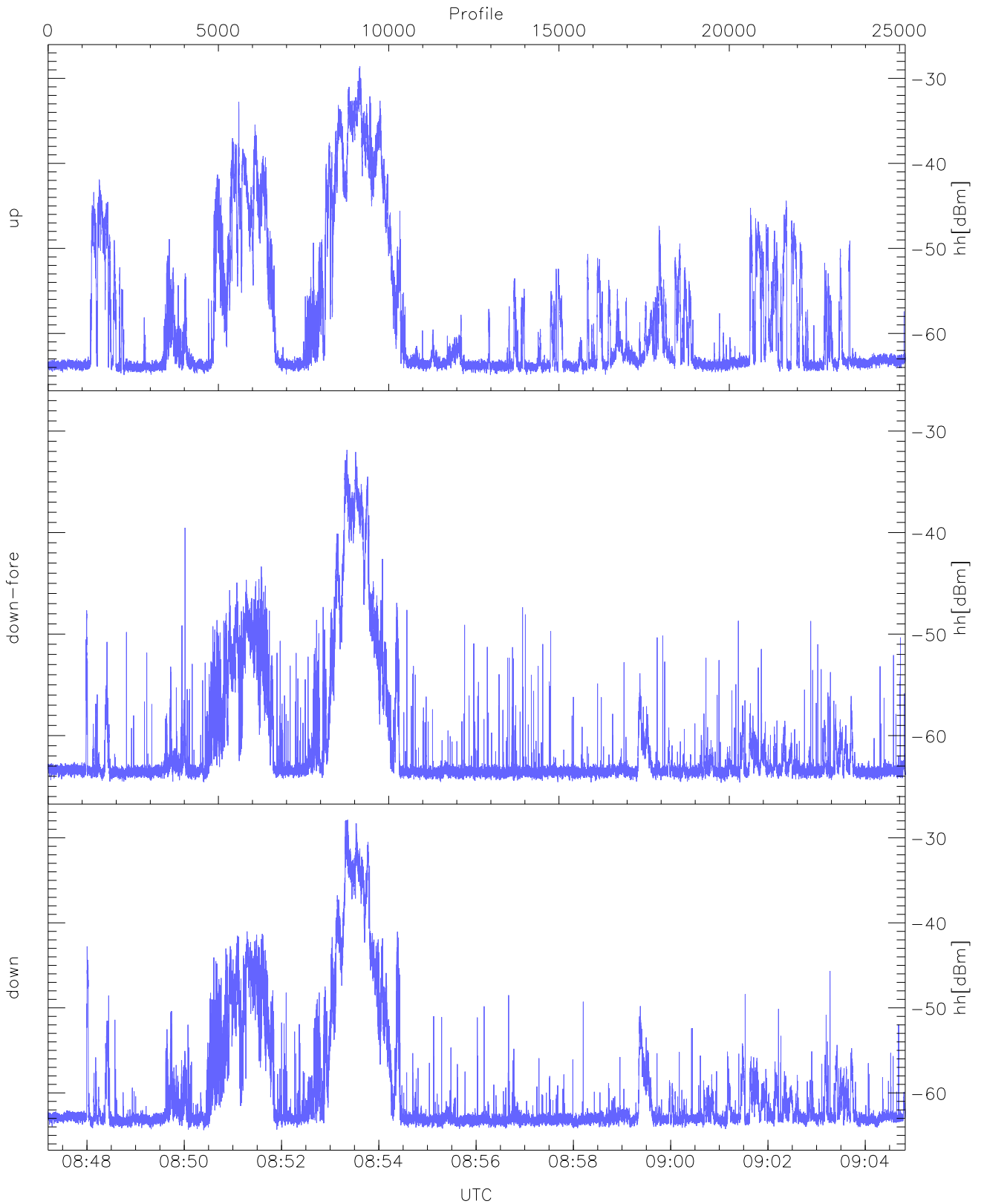




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 084712-085601, 12585 profiles averaged  
red: 085601-090449, 12584 profiles averaged

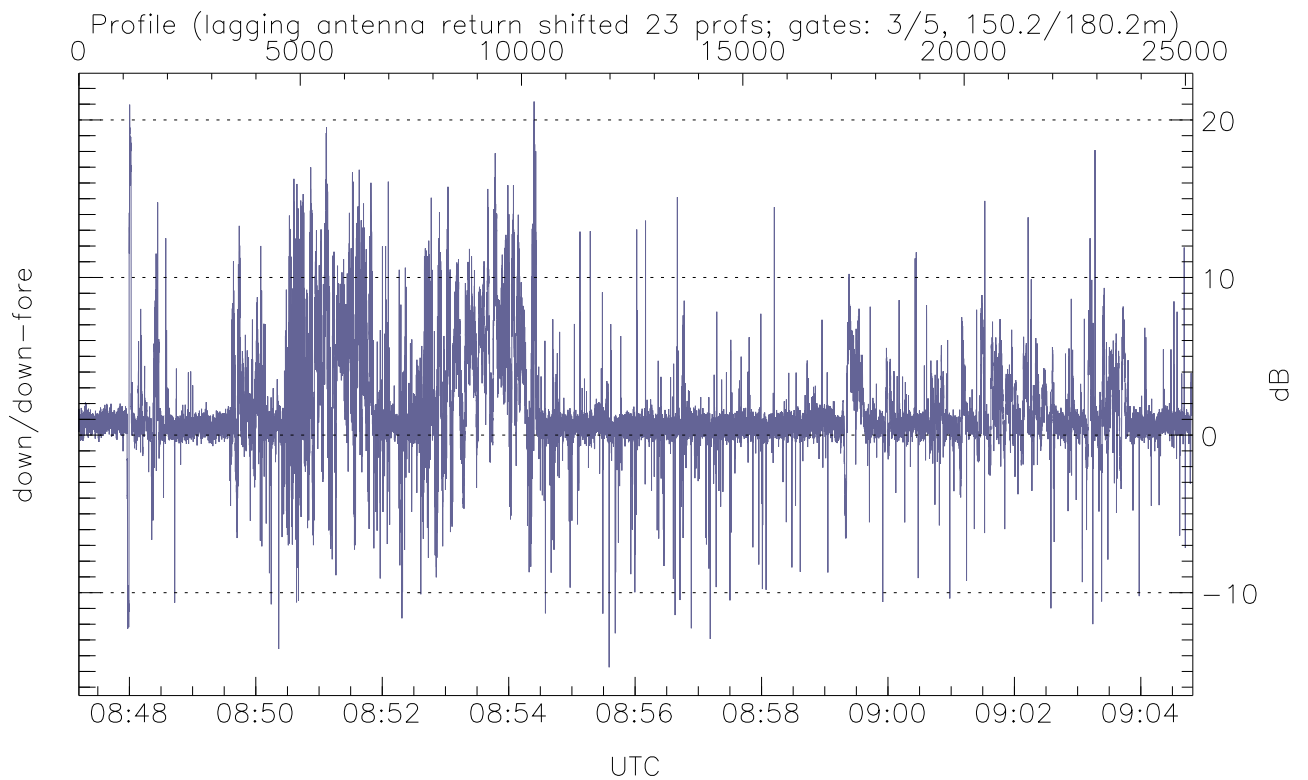
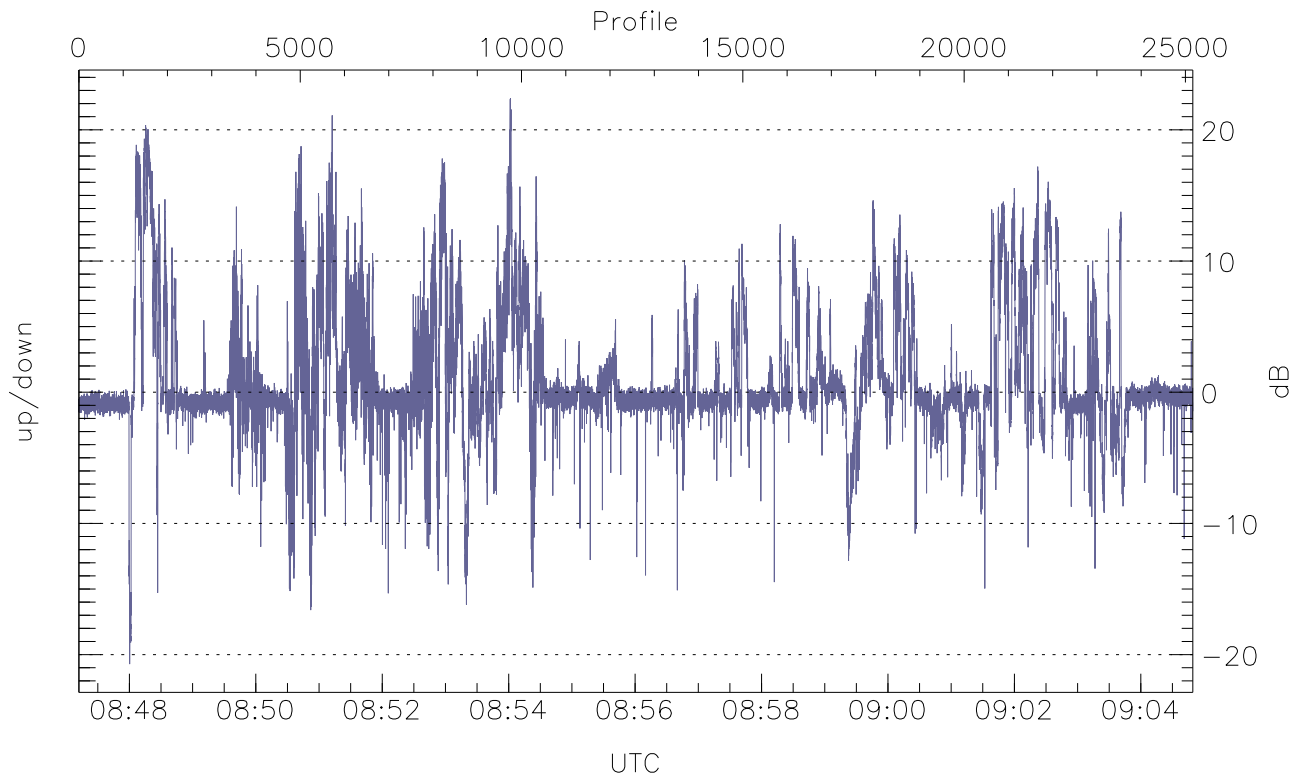


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



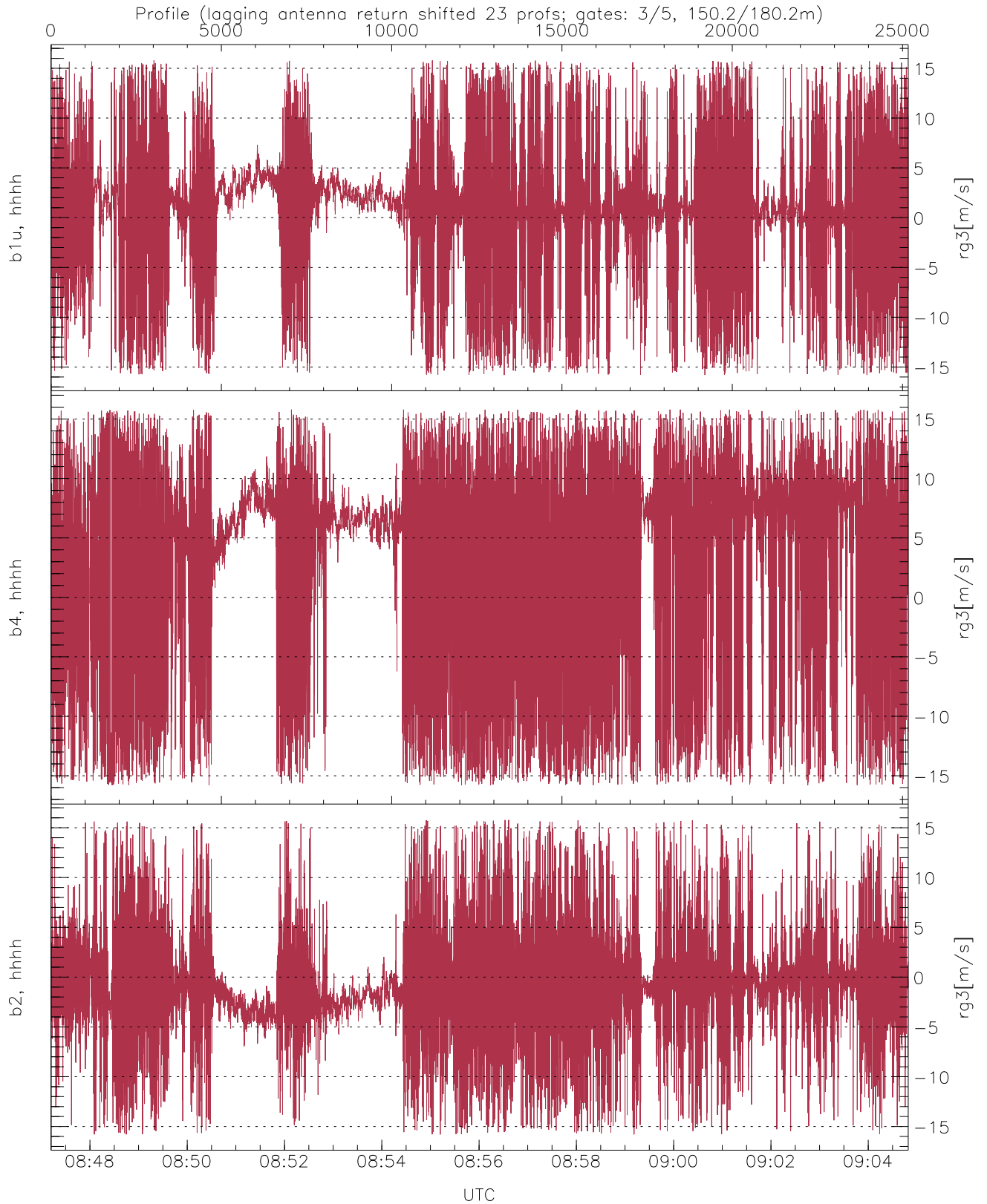
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.89	-28.58	-47.12
down-fore(hh[dBm])	-64.64	-31.86	-51.44
down(hh[dBm])	-64.37	-27.88	-47.55



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-20.72	22.40	1.15
down/down-fore (dB)	-14.73	21.17	1.63



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	0.64	4.95
b4, hhhh(rg3[m/s])	-15.80	15.80	2.61	6.88
b2, hhhh(rg3[m/s])	-15.80	15.78	-0.86	4.08