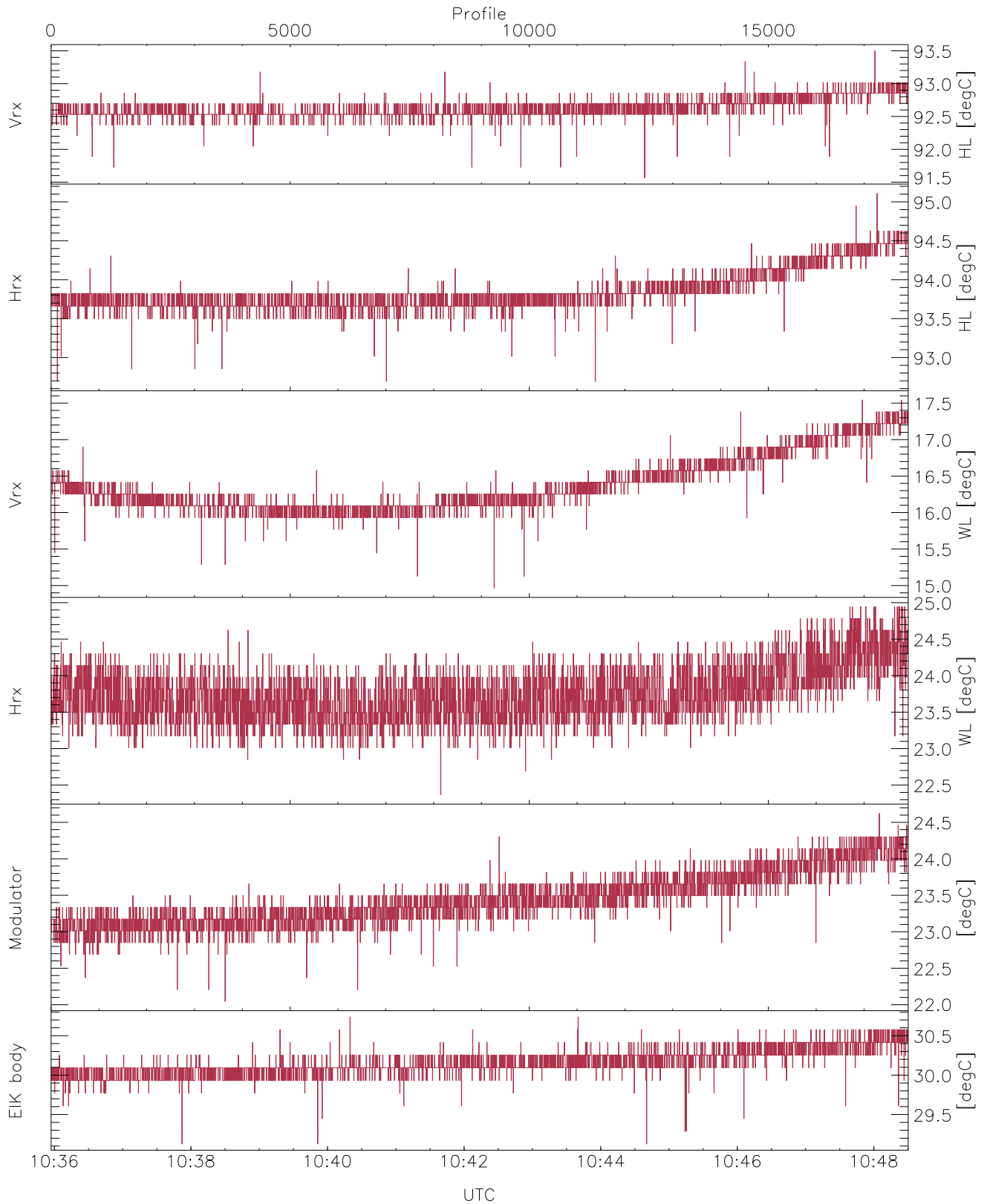


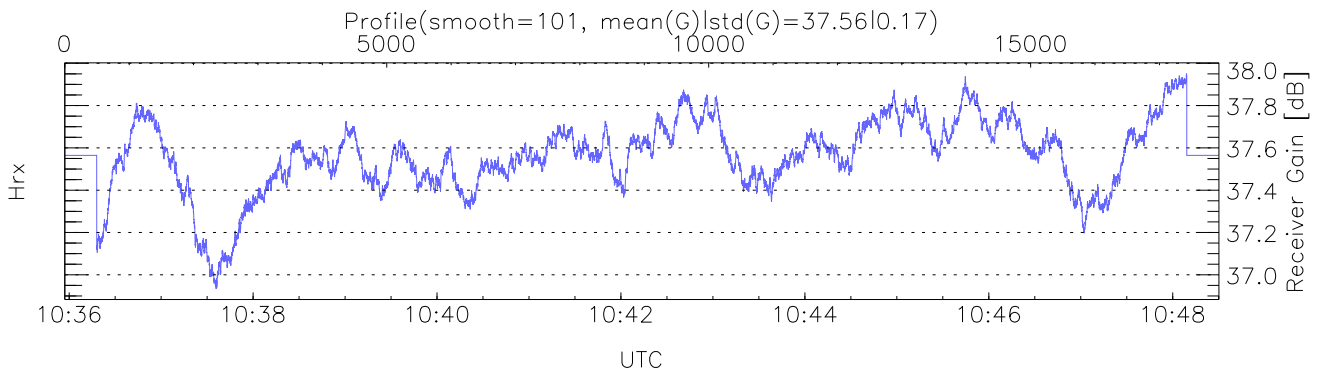
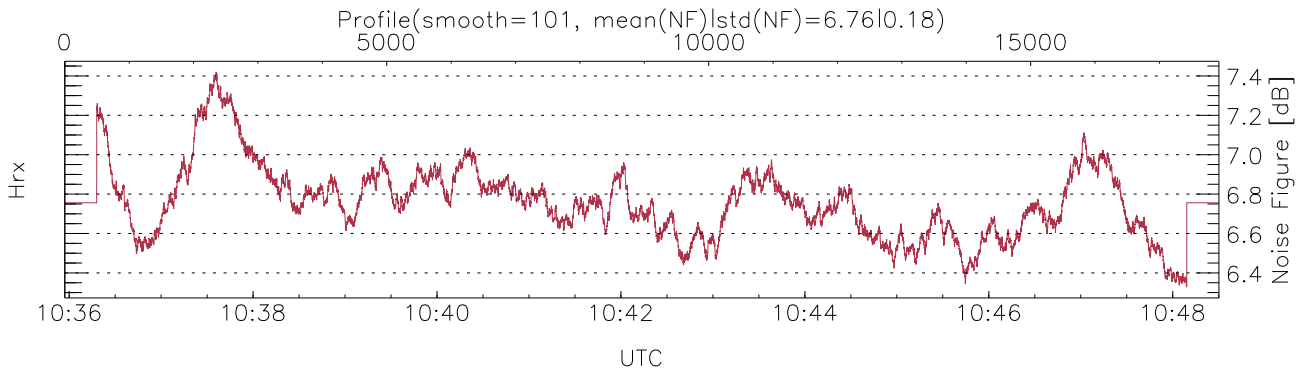
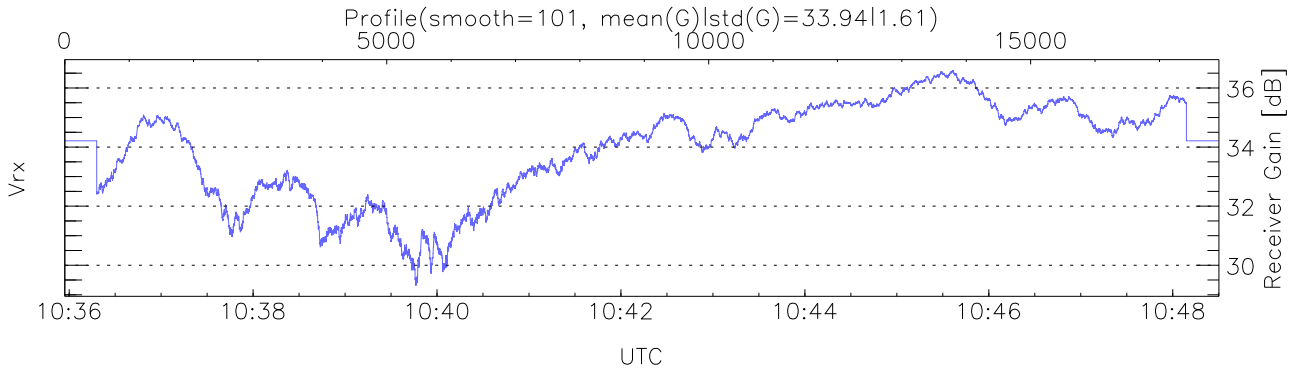
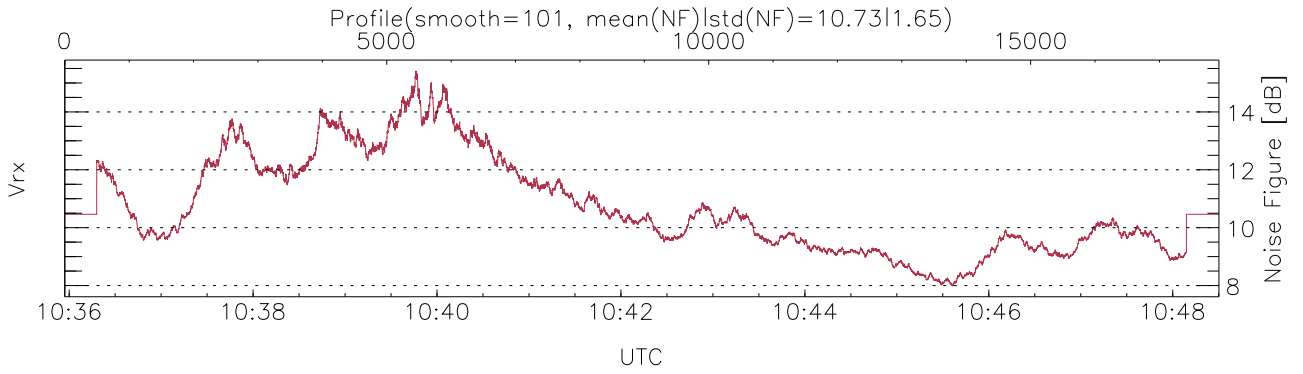
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 10:35:57-10:48:30, Dur: 753.04s  
 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): 17926/17926, 0-17925/10:35:57-10:48:30  
 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



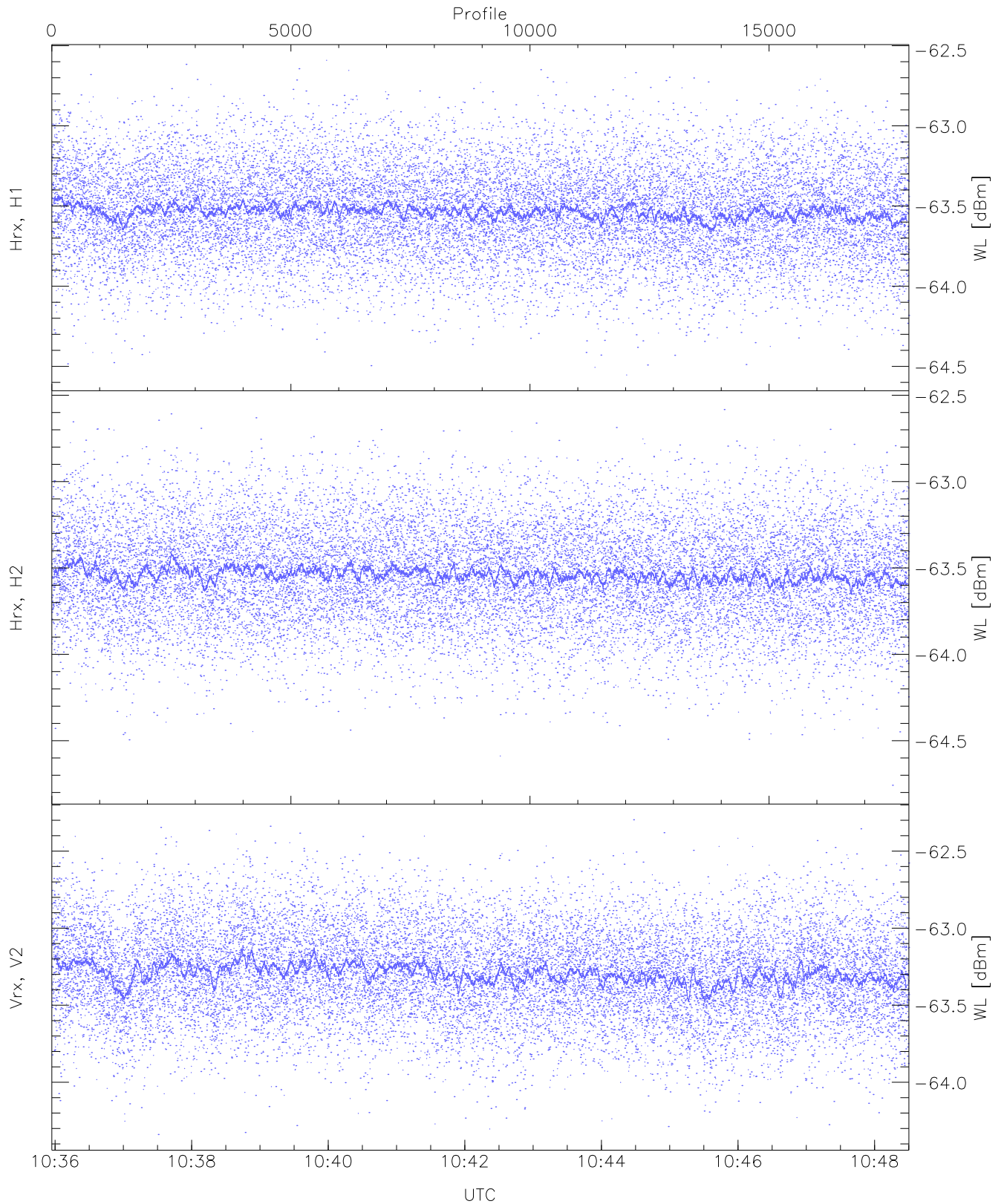
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,14,22,22,29  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,17,24,24,30  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK/Modulator Faults: None



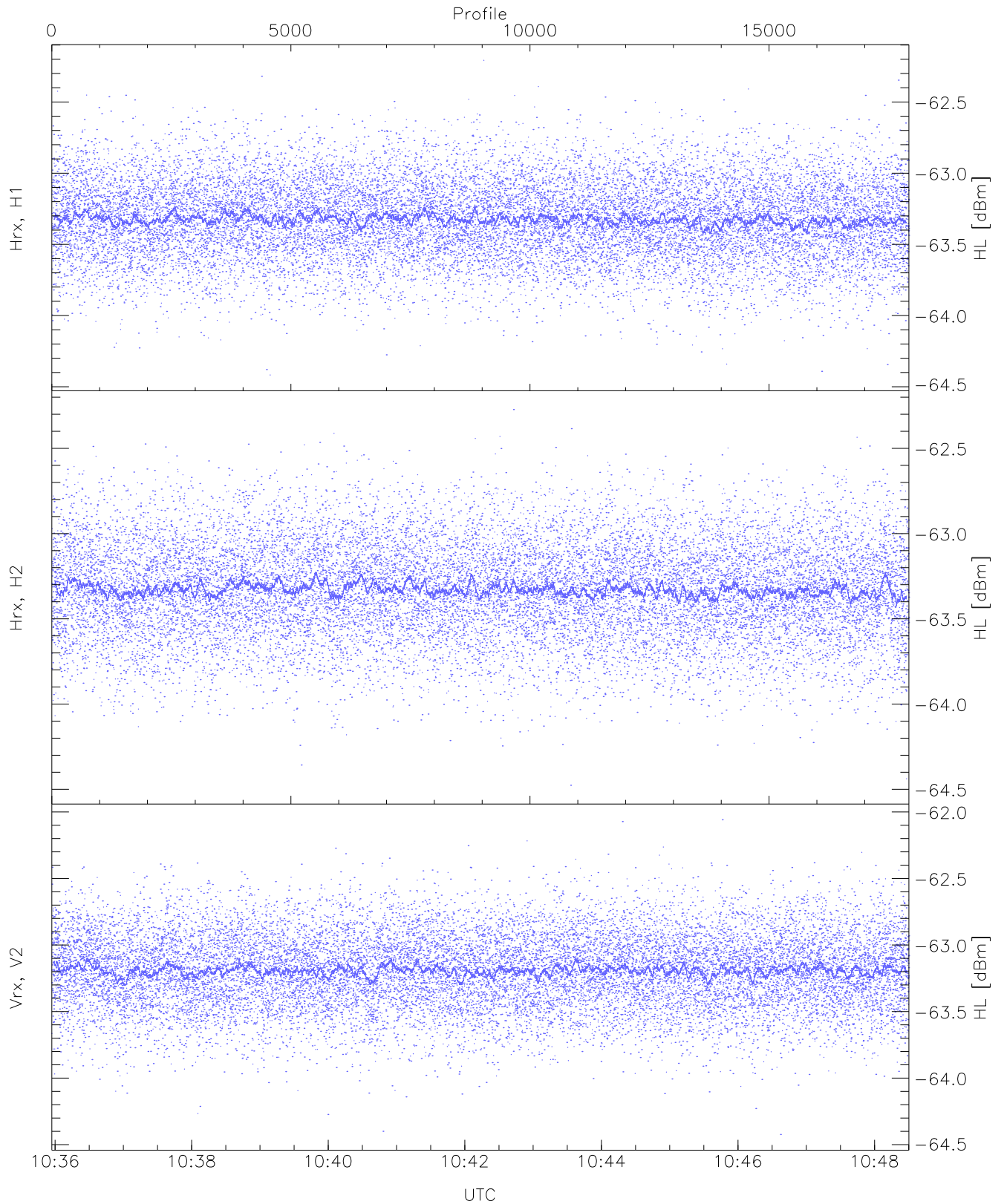
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 8549 pixs, 99 gates, 5453 profs, 1 prods



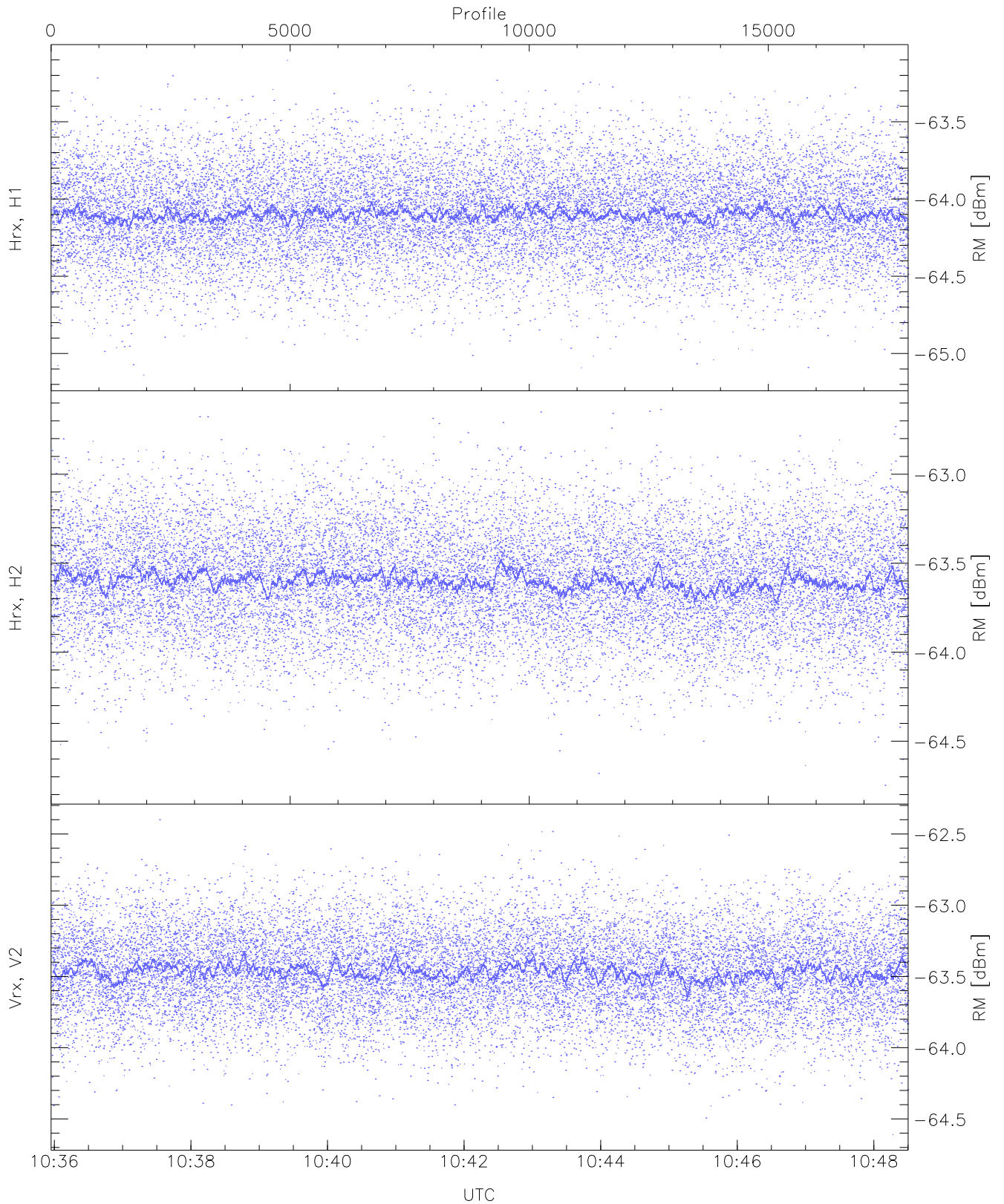
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.55	-62.59	-63.53	-63.54	-75.66
Hrx, H2 (WL [dBm])	-64.76	-62.58	-63.53	-63.54	-75.66
Vrx, V2 (WL [dBm])	-64.34	-62.30	-63.29	-63.30	-75.26



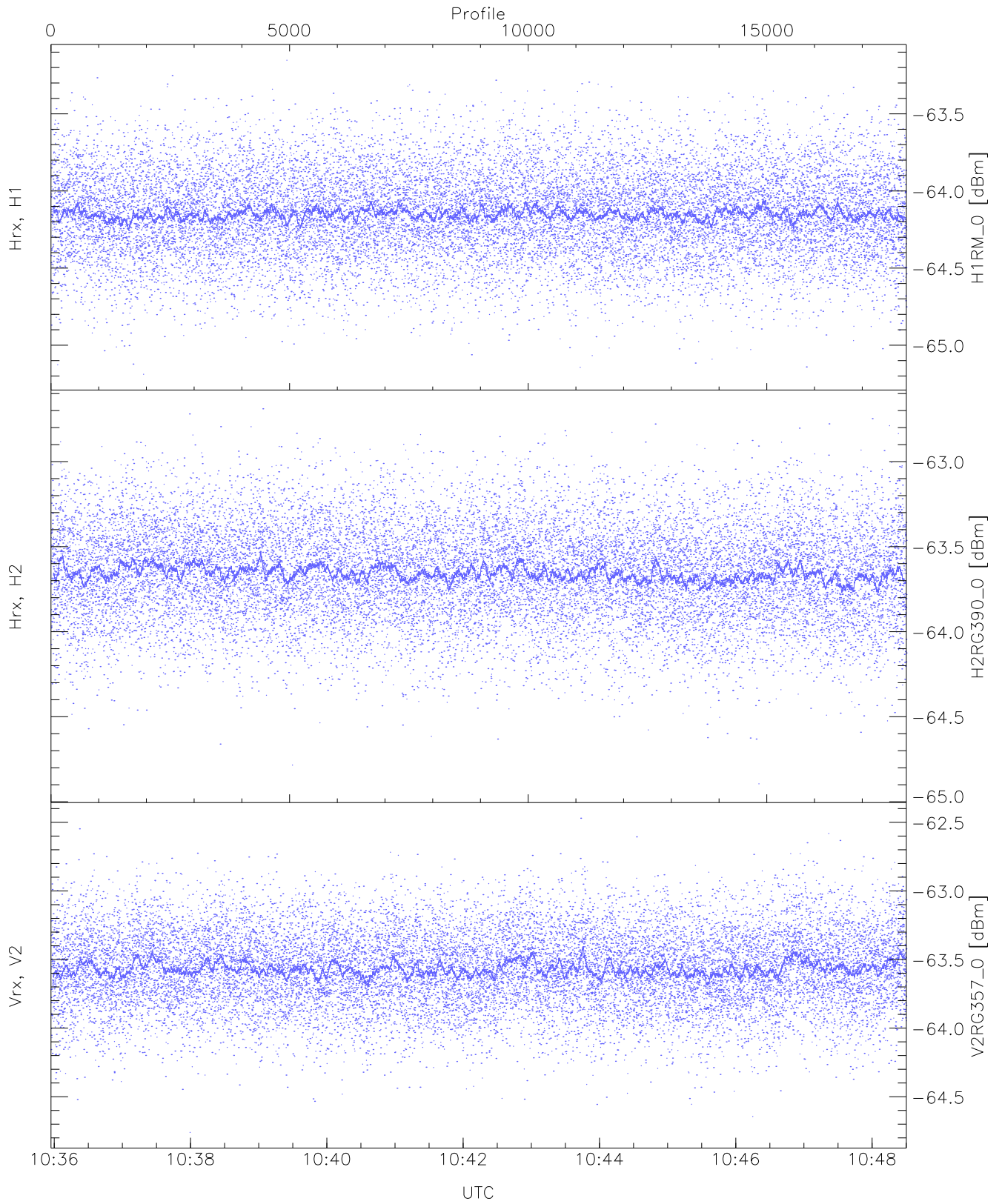
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-64.42	-62.21	-63.32	-63.33	-75.49
Hrx, H2(HL [dBm])	-64.48	-62.27	-63.32	-63.33	-75.41
Vrx, V2(HL [dBm])	-64.42	-62.06	-63.19	-63.19	-75.28



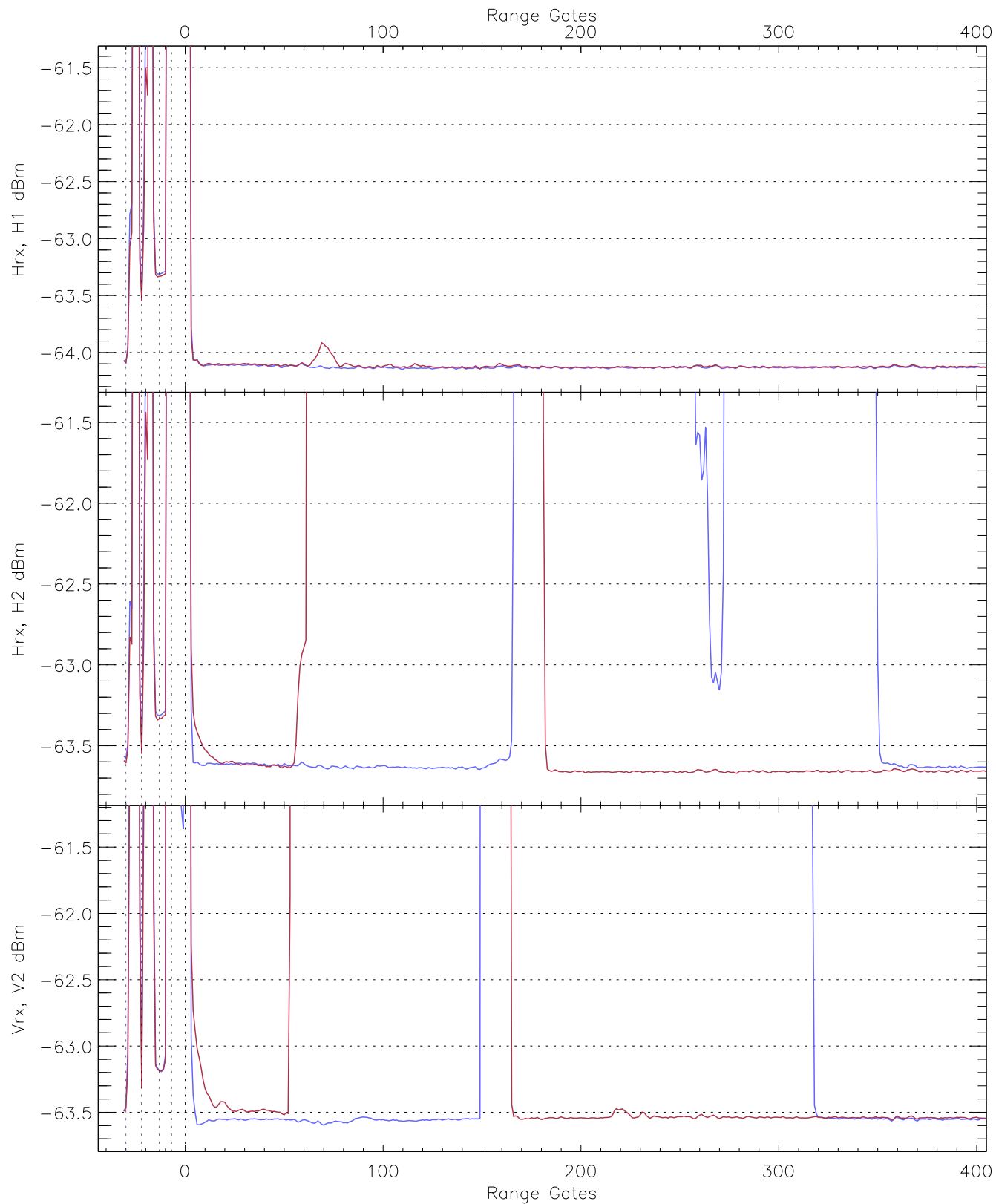
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.14	-63.10	-64.09	-64.10	-76.23
Hrx, H2(RM [dBm])	-64.75	-62.64	-63.59	-63.60	-75.71
Vrx, V2(RM [dBm])	-64.61	-62.40	-63.46	-63.47	-75.57



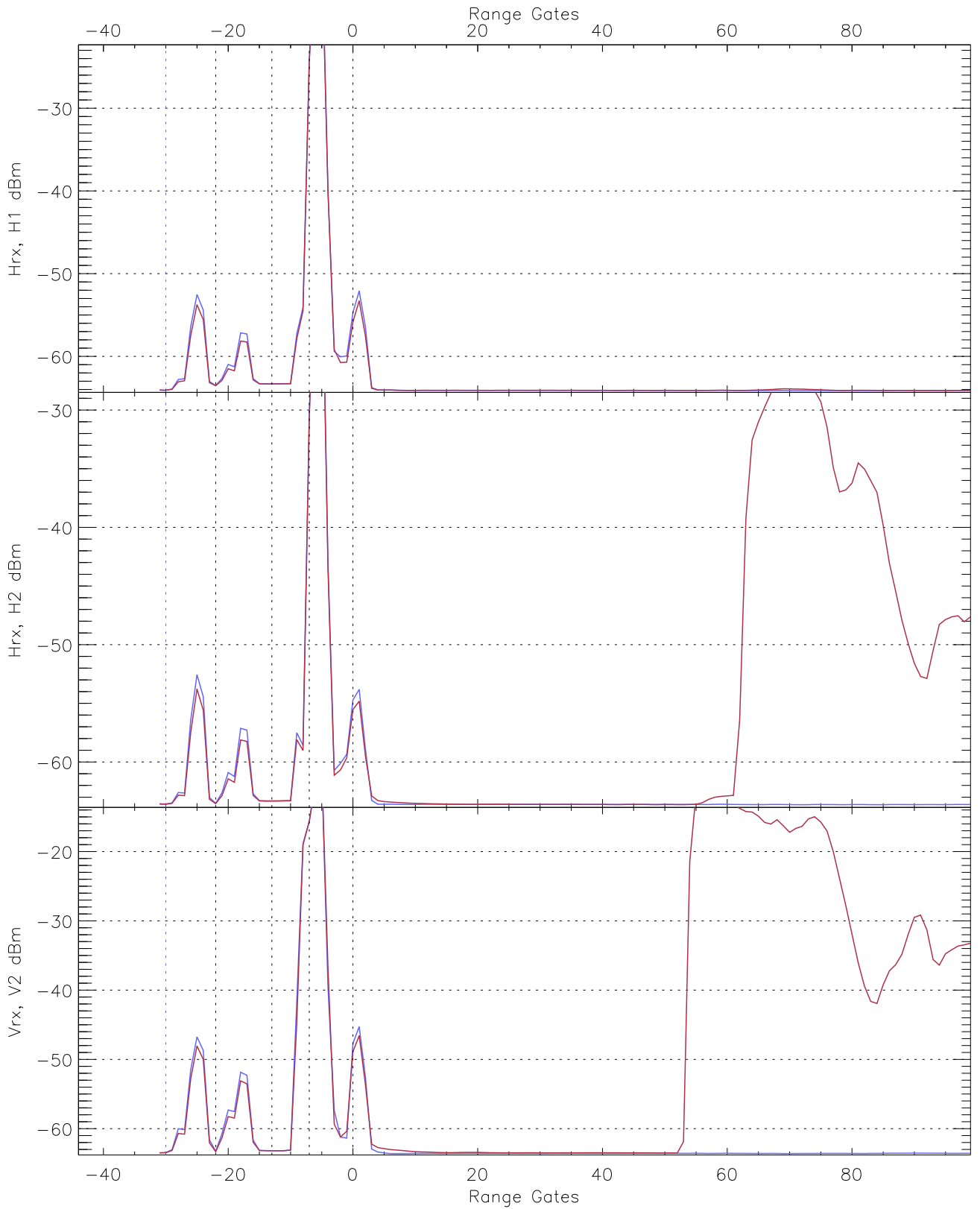
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-65.19	-63.15	-64.14	-64.15	-76.28
H2RG390_0 [dBm]	-64.89	-62.69	-63.65	-63.66	-75.77
V2RG357_0 [dBm]	-64.76	-62.47	-63.56	-63.57	-75.63

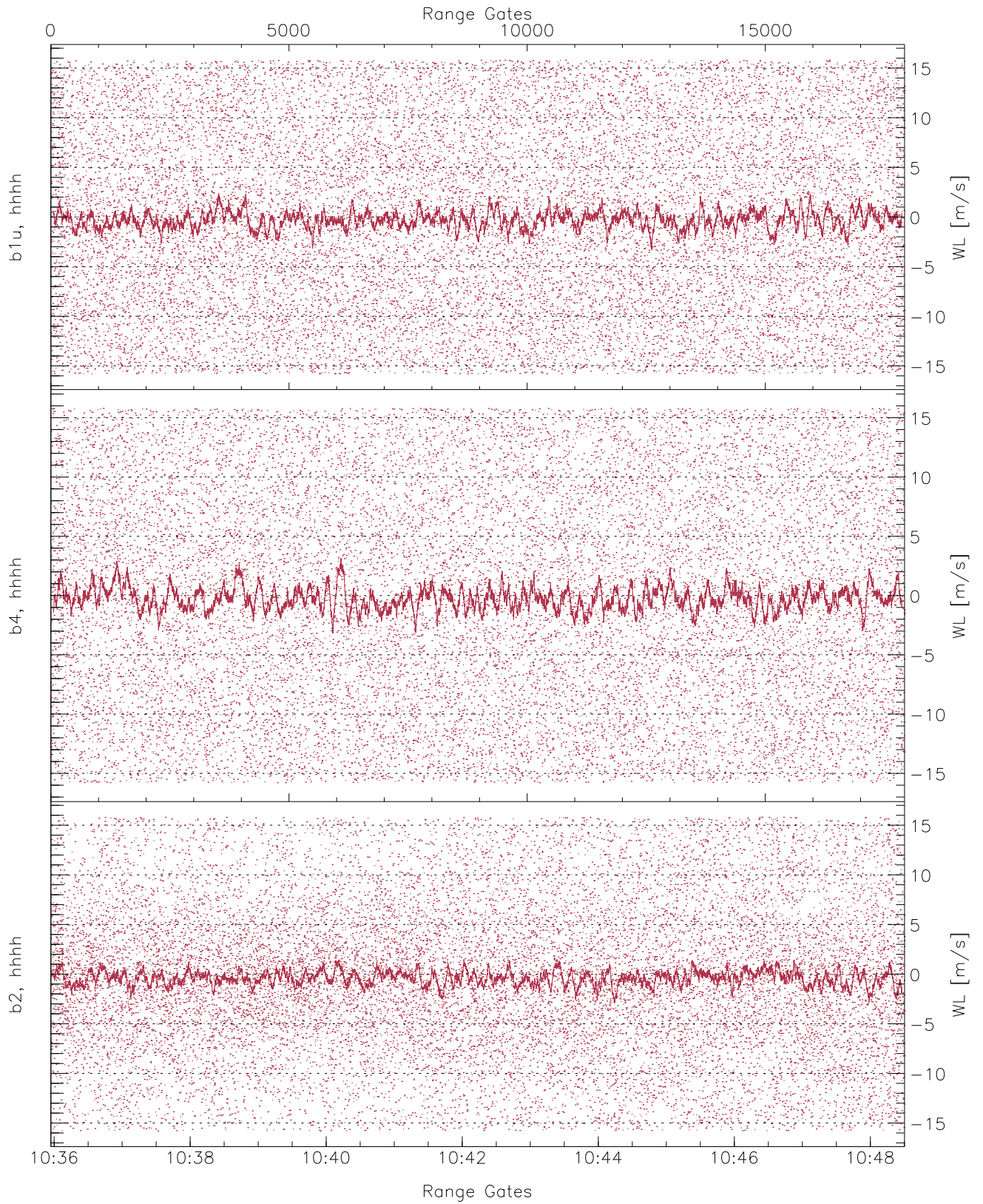


WCR2 CPP Averaged Received power for all recorded gates  
blue: 103557-104214, 8964 profiles averaged  
red: 104214-104830, 8963 profiles averaged

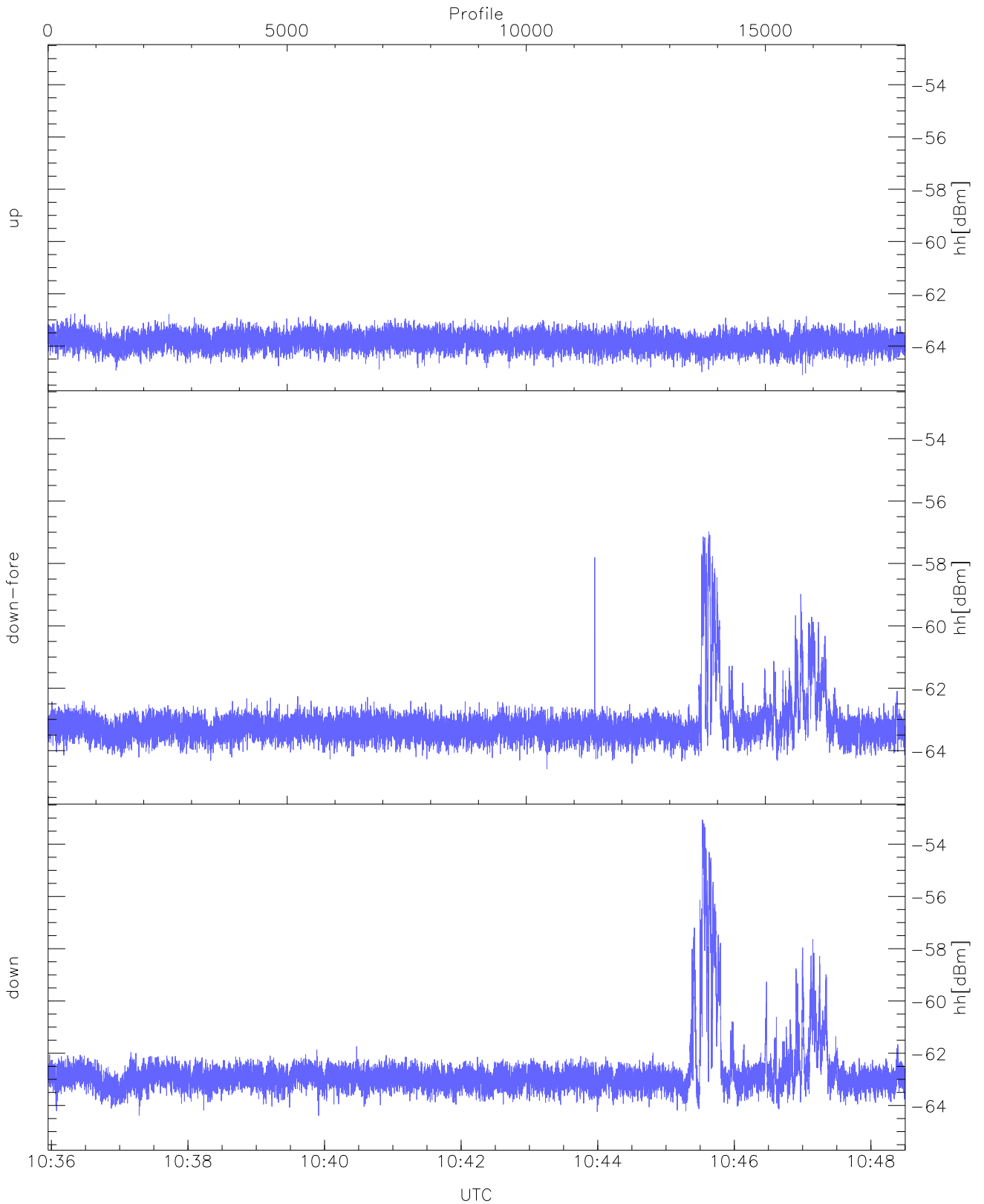




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 103557-104214, 8964 profiles averaged  
red: 104214-104830, 8963 profiles averaged

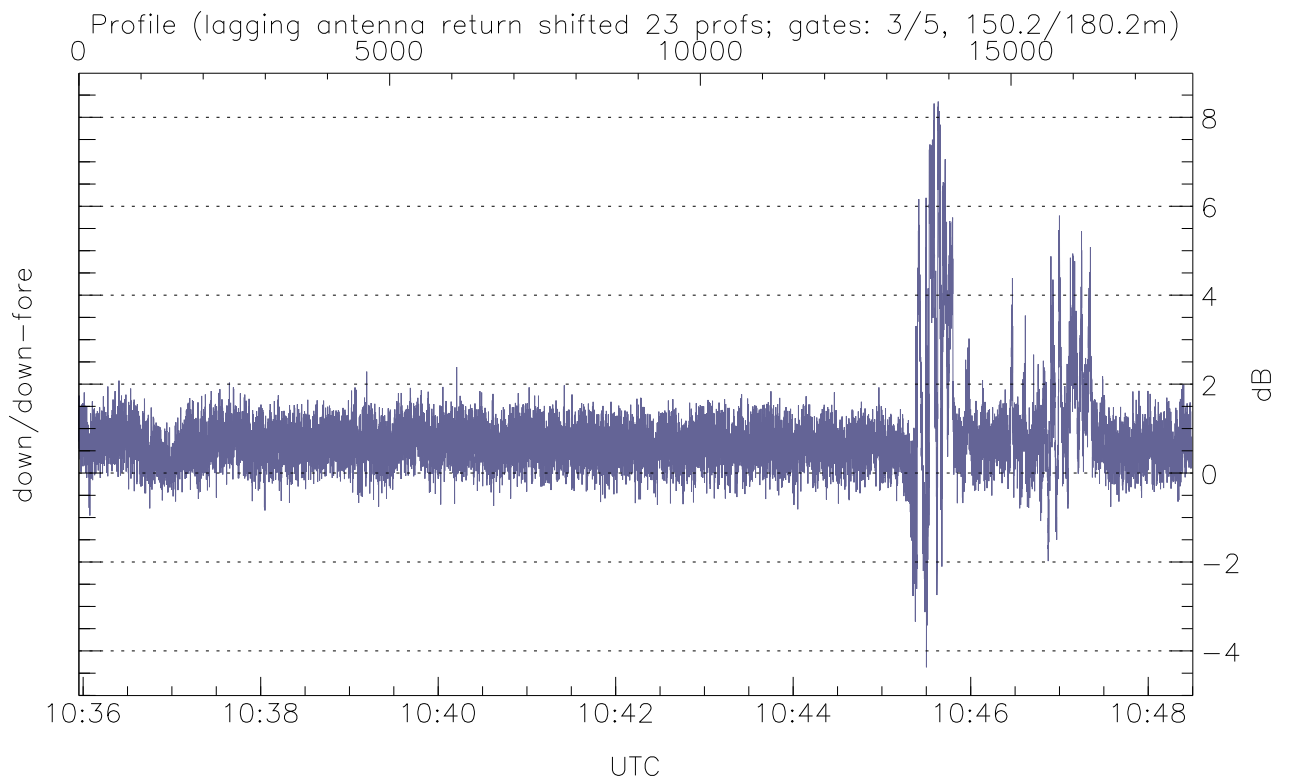
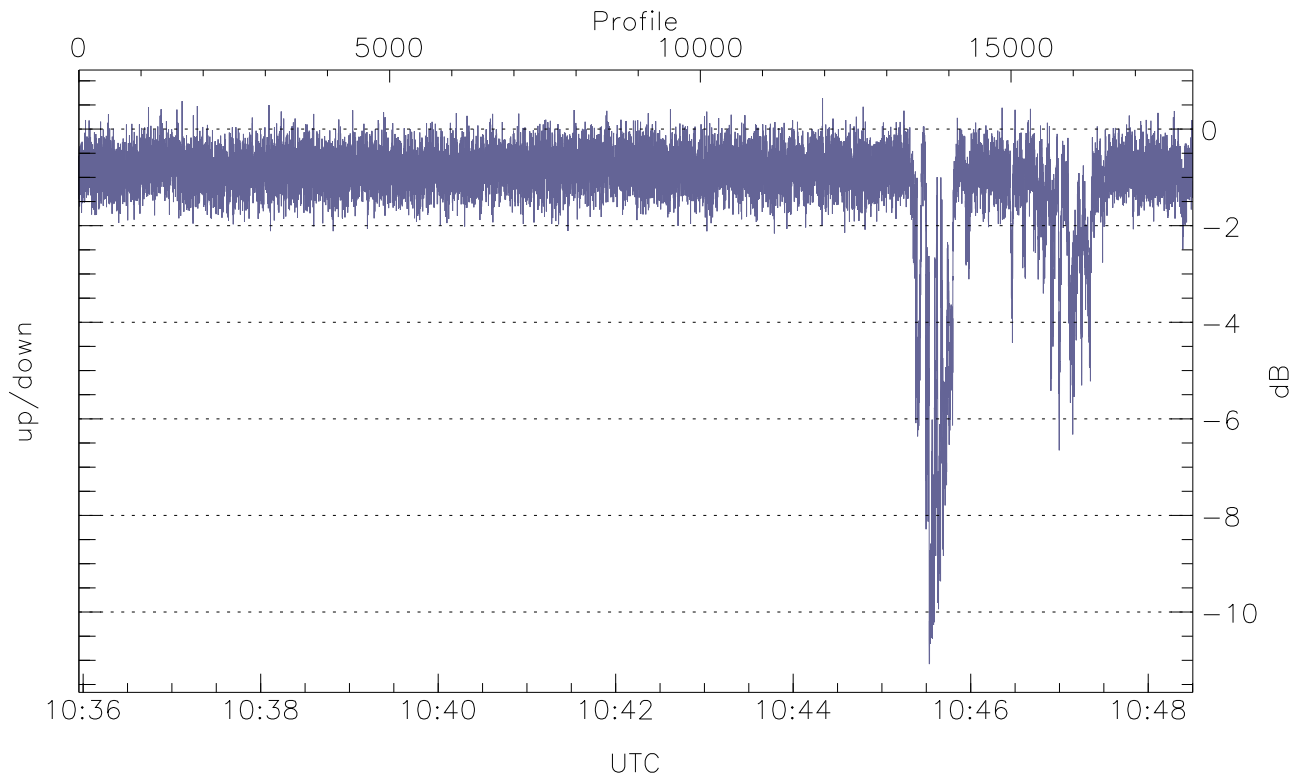


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



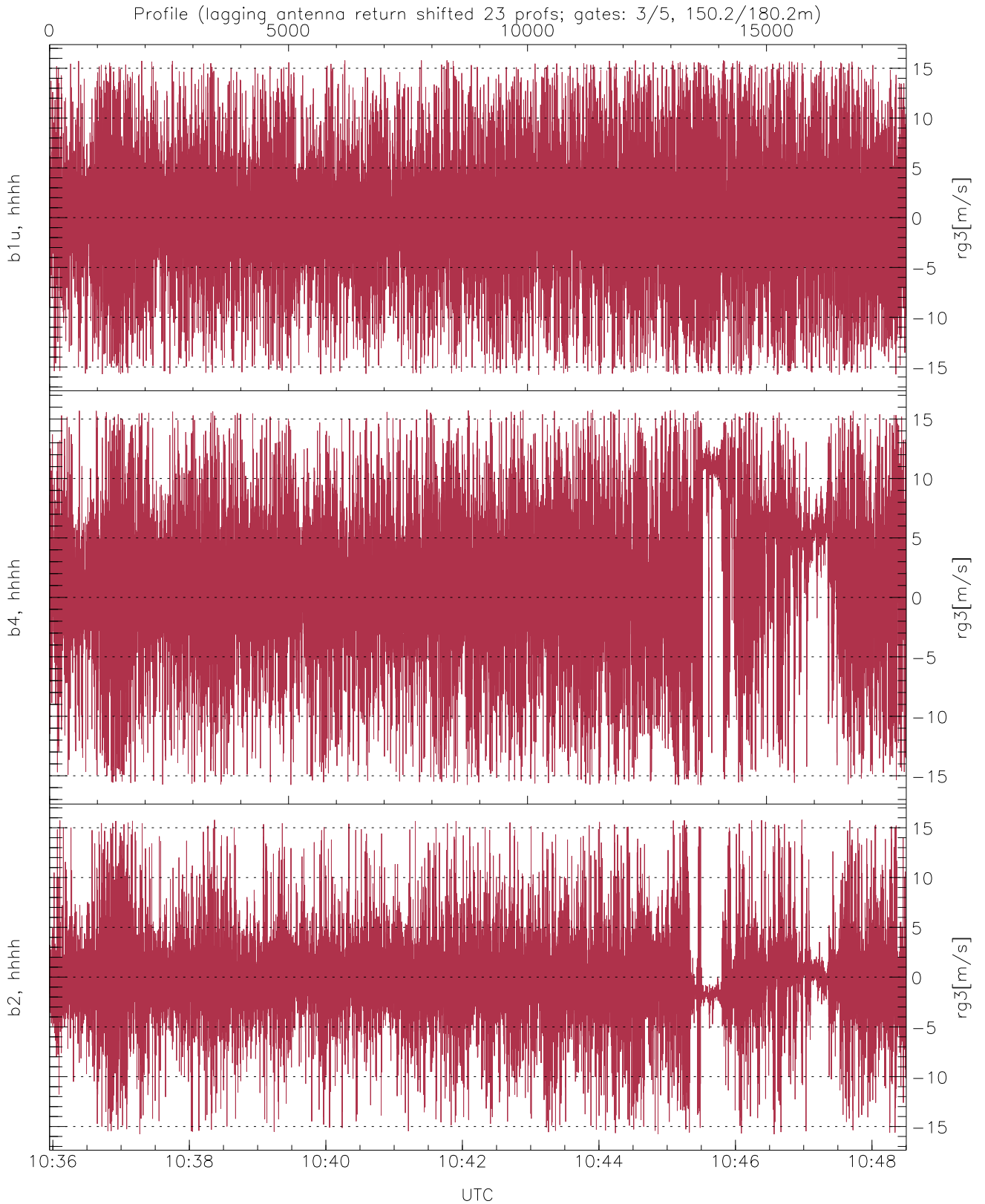
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-65.11	-62.75	-63.82
down-fore(hh[dBm])	-64.59	-56.98	-63.08
down(hh[dBm])	-64.39	-53.07	-62.57



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-11.08	0.64	-1.06
down/down-fore (dB)	-4.37	8.36	0.77



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	-0.04	5.83
b4, hhhh(rg3[m/s])	-15.79	15.80	1.33	5.67
b2, hhhh(rg3[m/s])	-15.78	15.79	-0.29	4.07