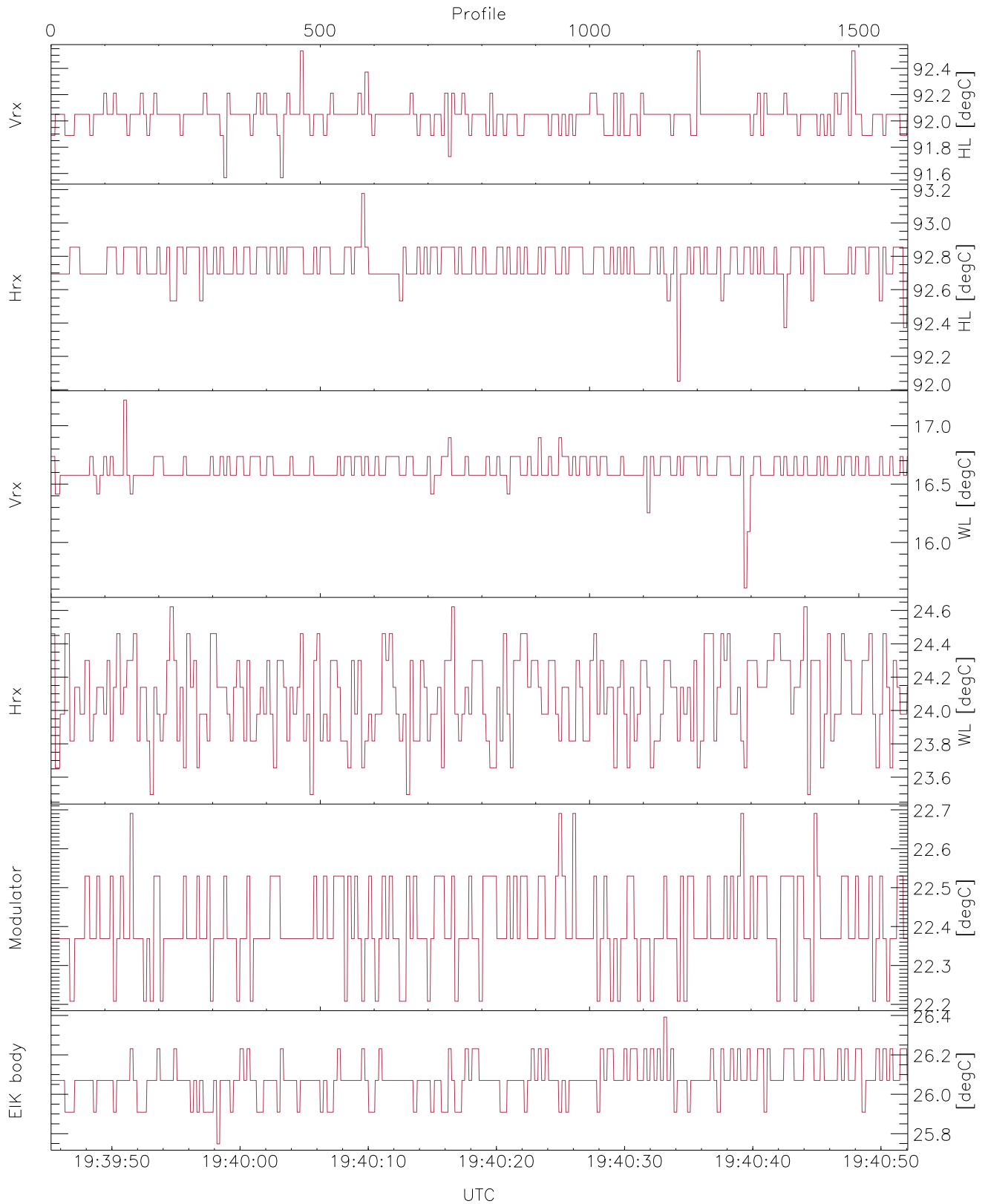


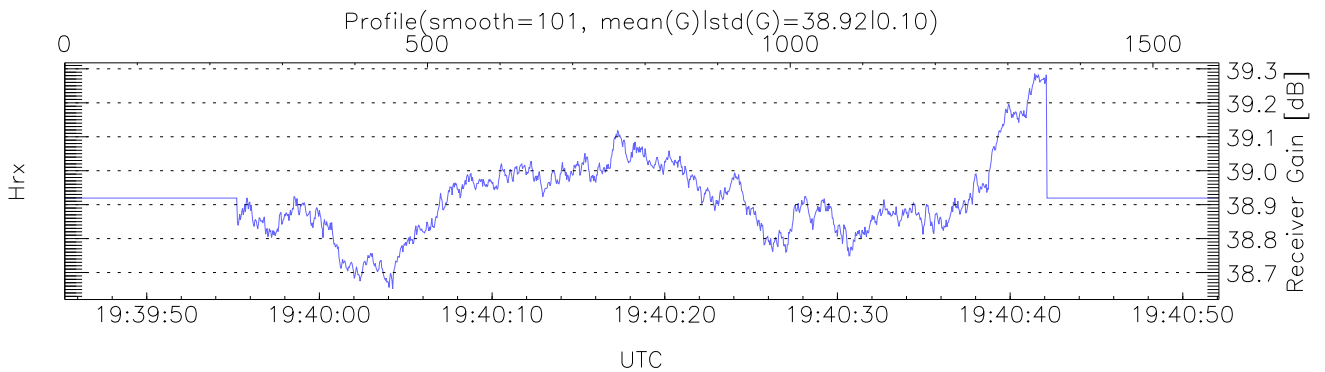
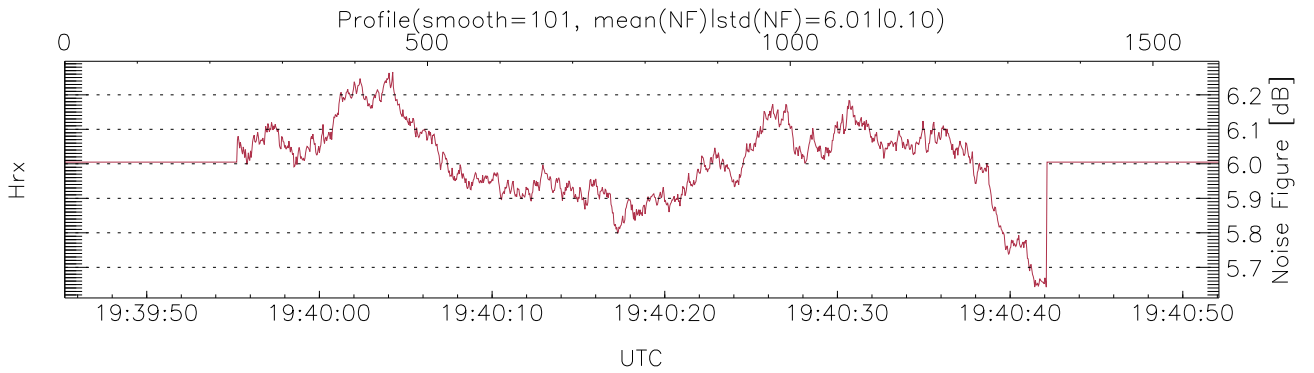
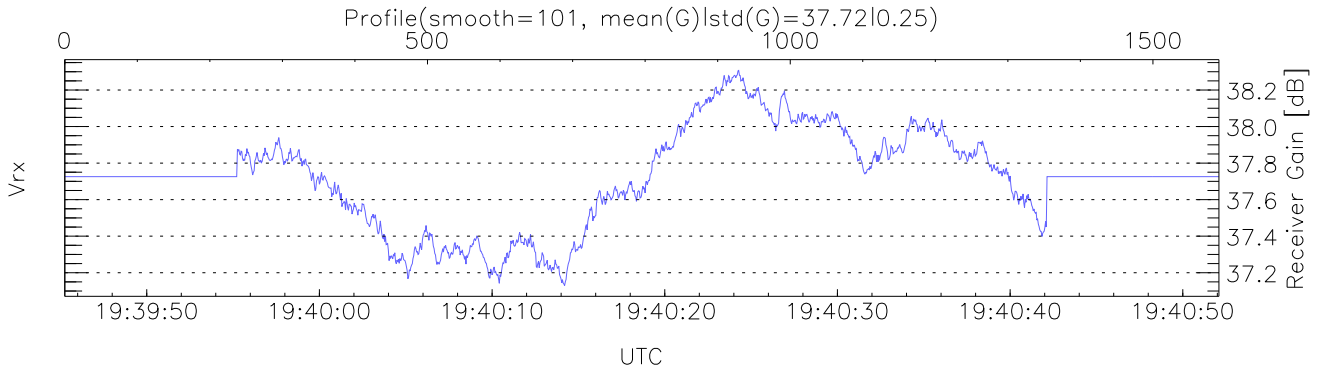
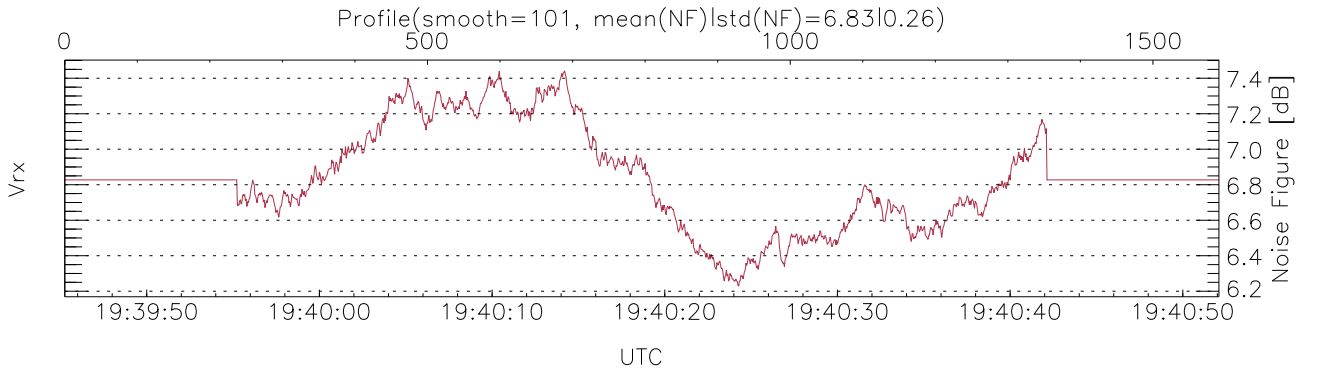
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:39:45-19:40:52, Dur: 66.84s  
 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): 1592/1592, 0-1591/19:39:45-19:40:52  
 AcqTime: 42.0ms, Rate: 461KB/s, Averages: 140  
 Pulse: 200ns, IFF: 5.0MHz, 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): 97,3634,7.5 m, Gates: 472, Aspect: 2.0  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 3



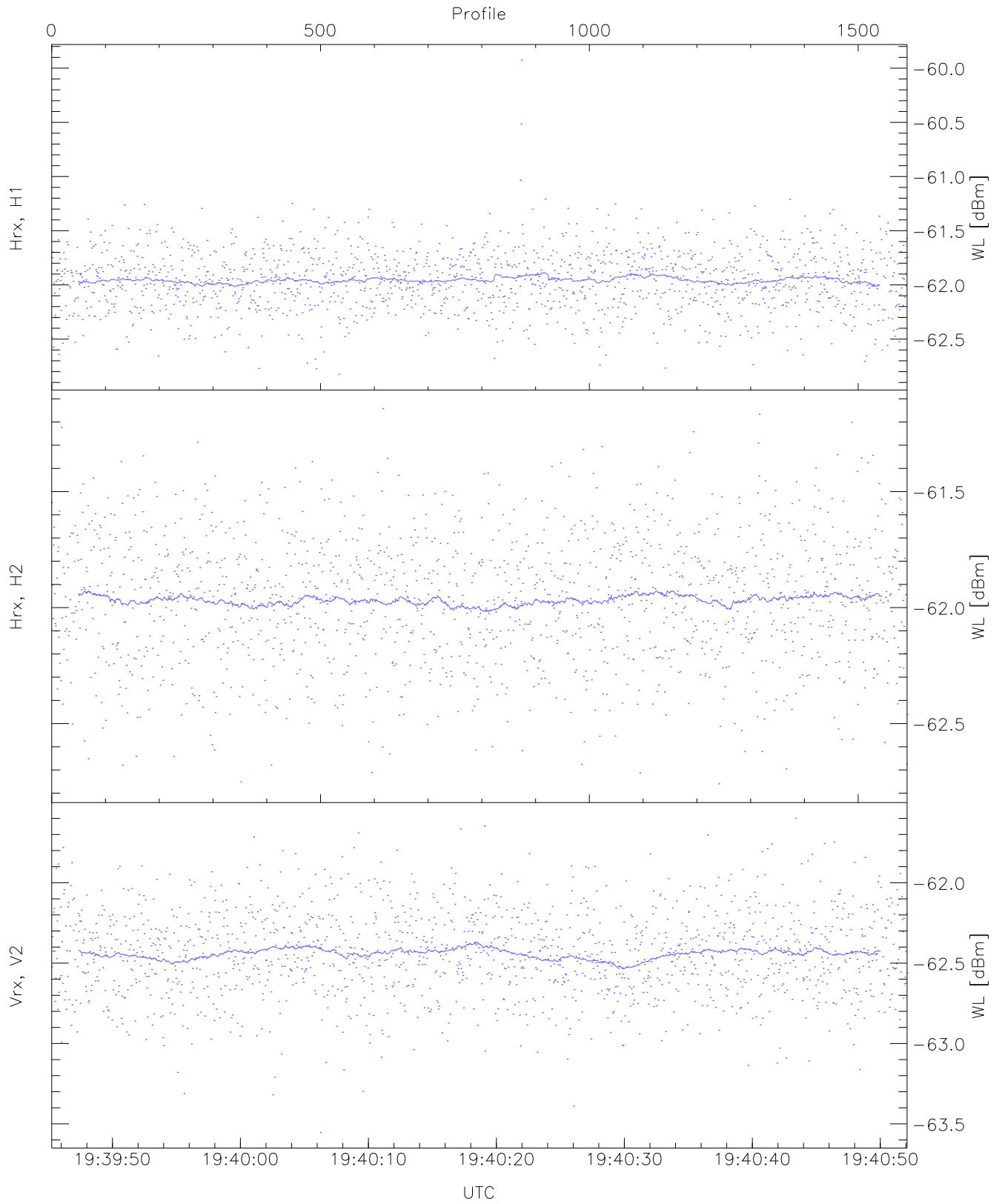
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,15,23,22,25  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,24,22,26  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(#\_prof\_affected):  
HVPS (7)



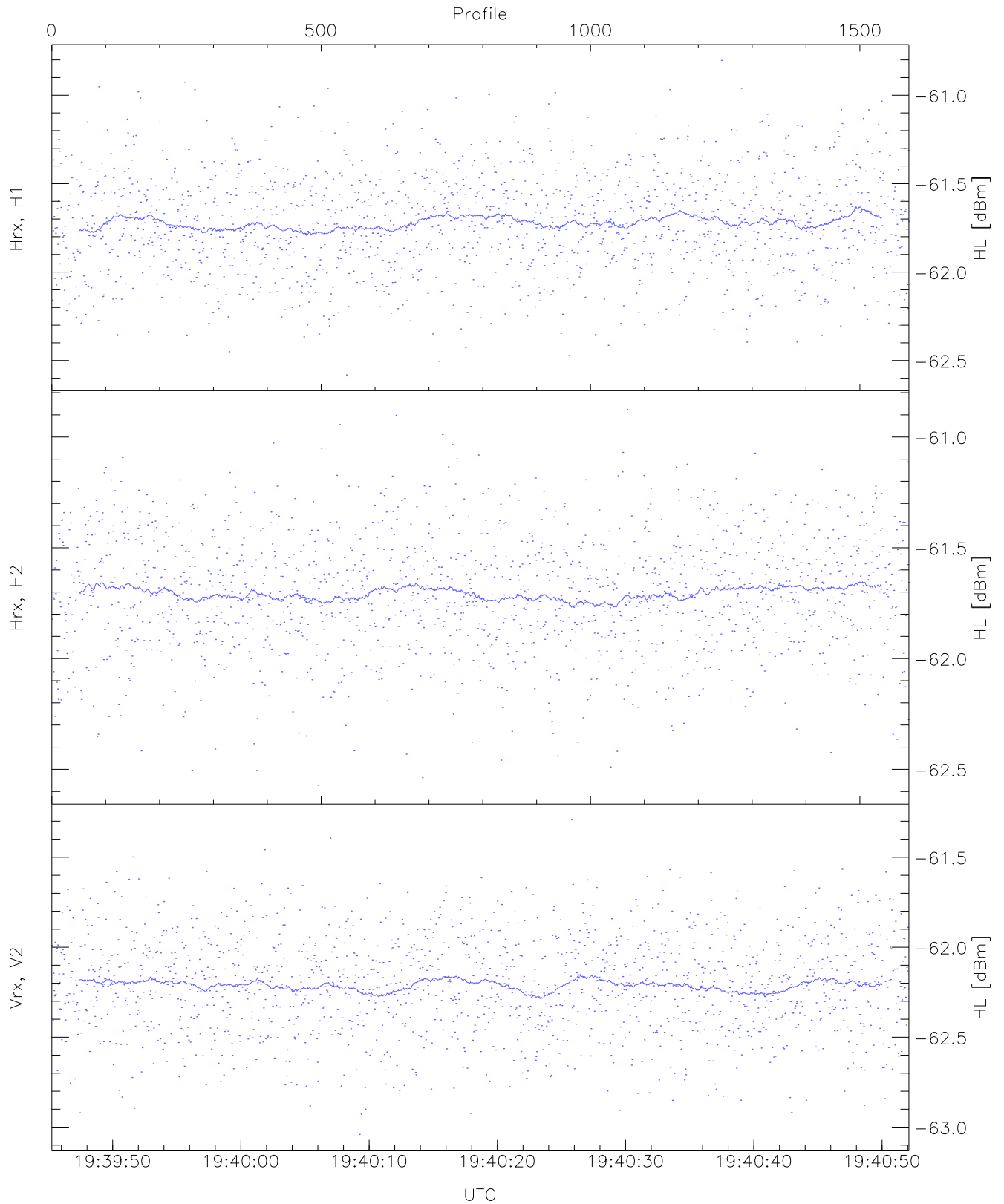
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prods



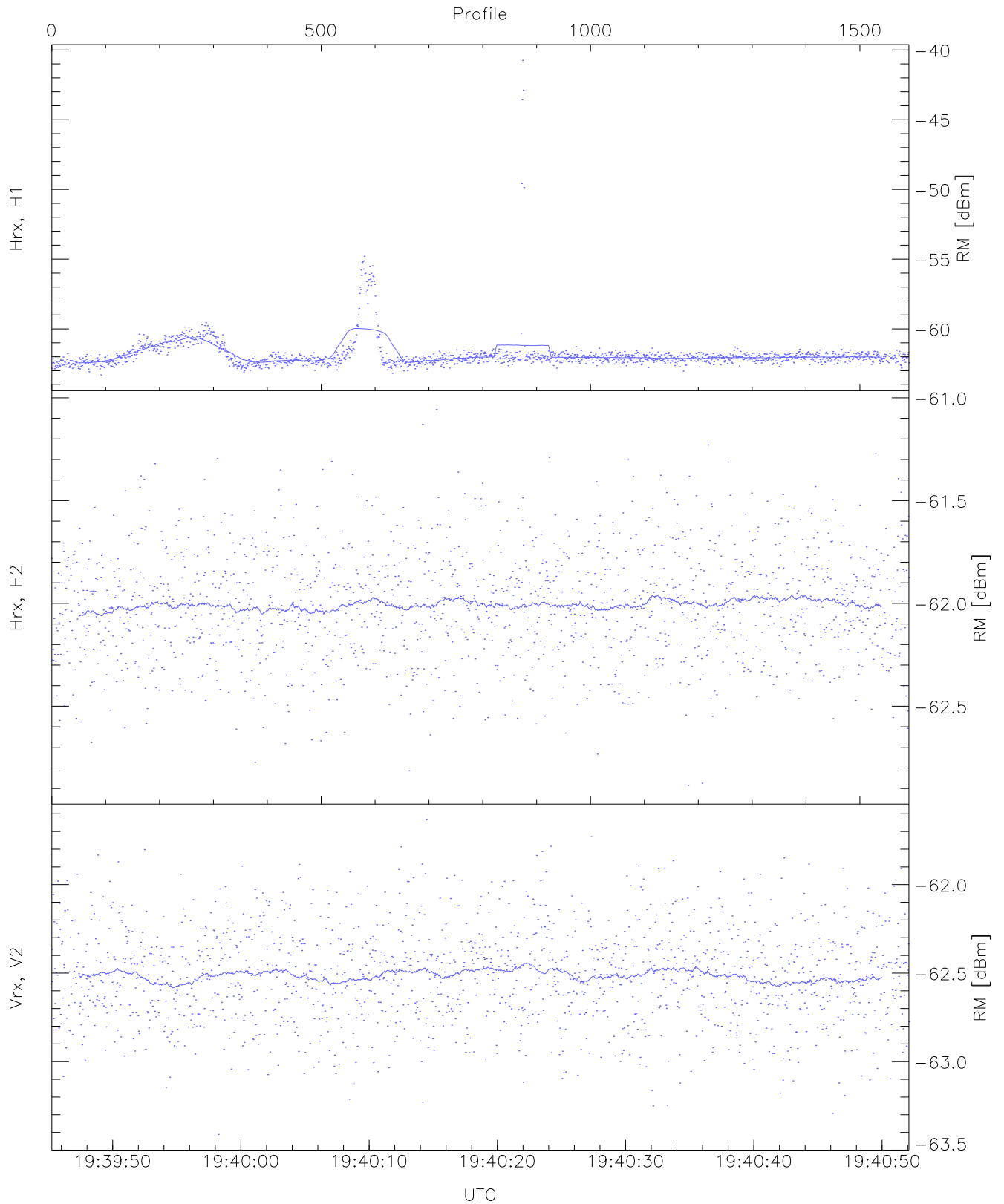
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.82	-59.93	-61.95	-61.95	-73.90
Hrx, H2 (WL [dBm])	-62.76	-61.14	-61.96	-61.96	-74.10
Vrx, V2 (WL [dBm])	-63.55	-61.60	-62.43	-62.44	-74.63



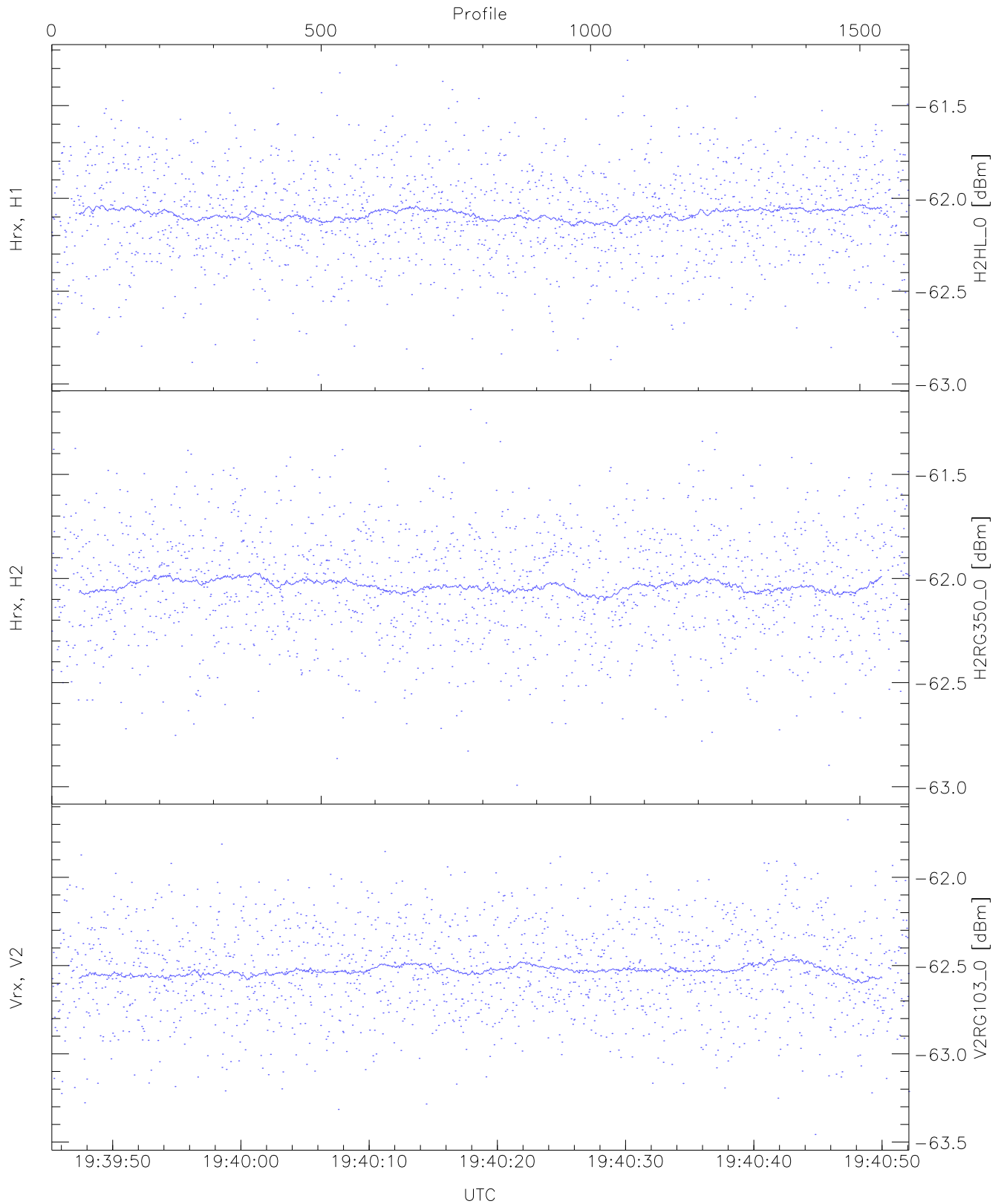
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.58	-60.80	-61.72	-61.73	-73.75
Hrx, H2 (HL [dBm])	-62.57	-60.88	-61.70	-61.71	-73.98
Vrx, V2 (HL [dBm])	-63.04	-61.29	-62.20	-62.21	-74.36



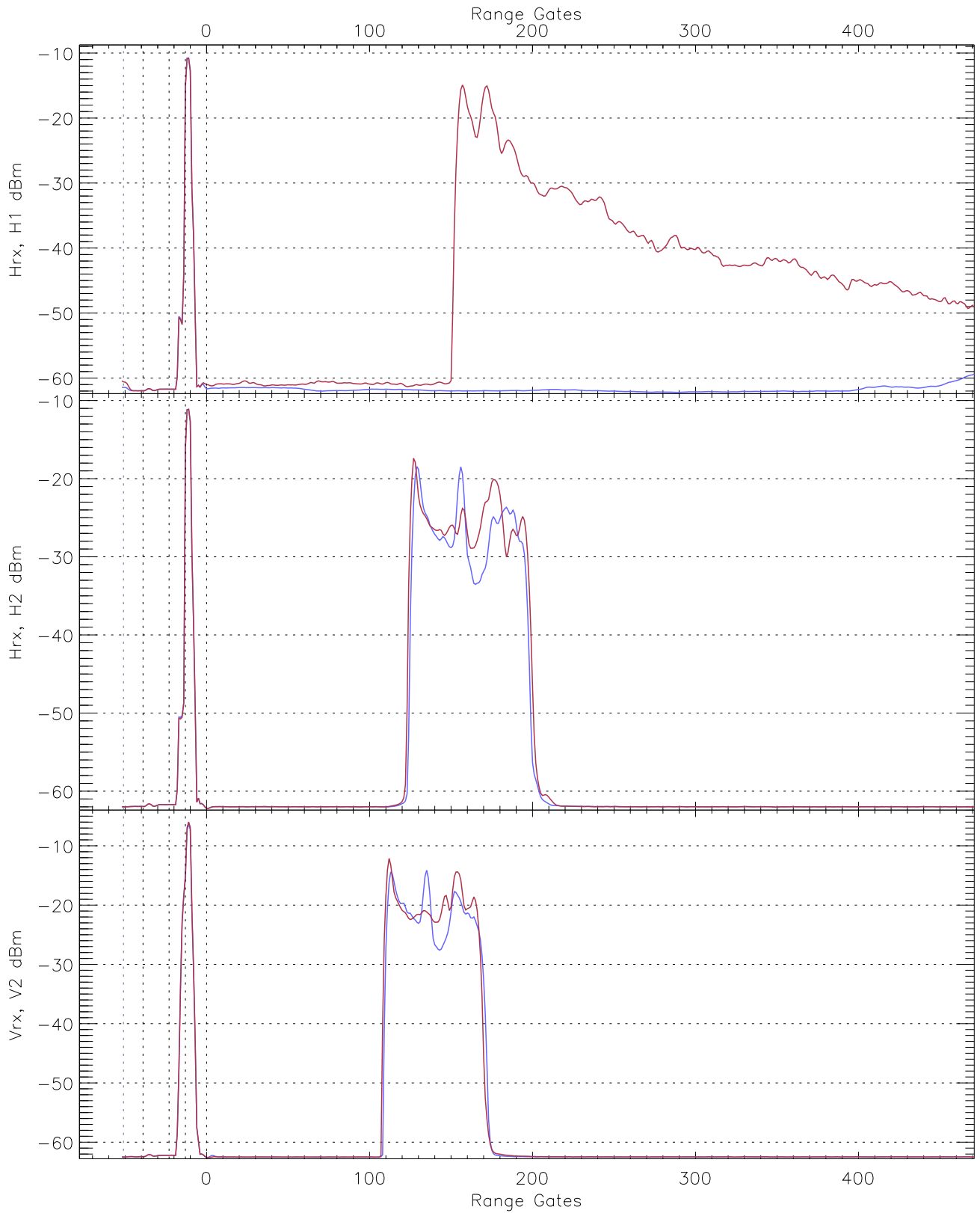
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.31	-40.74	-60.99	-62.07	-55.66
Hrx, H2(RM [dBm])	-62.88	-61.06	-62.00	-62.01	-74.21
Vrx, V2(RM [dBm])	-63.41	-61.63	-62.51	-62.51	-74.68



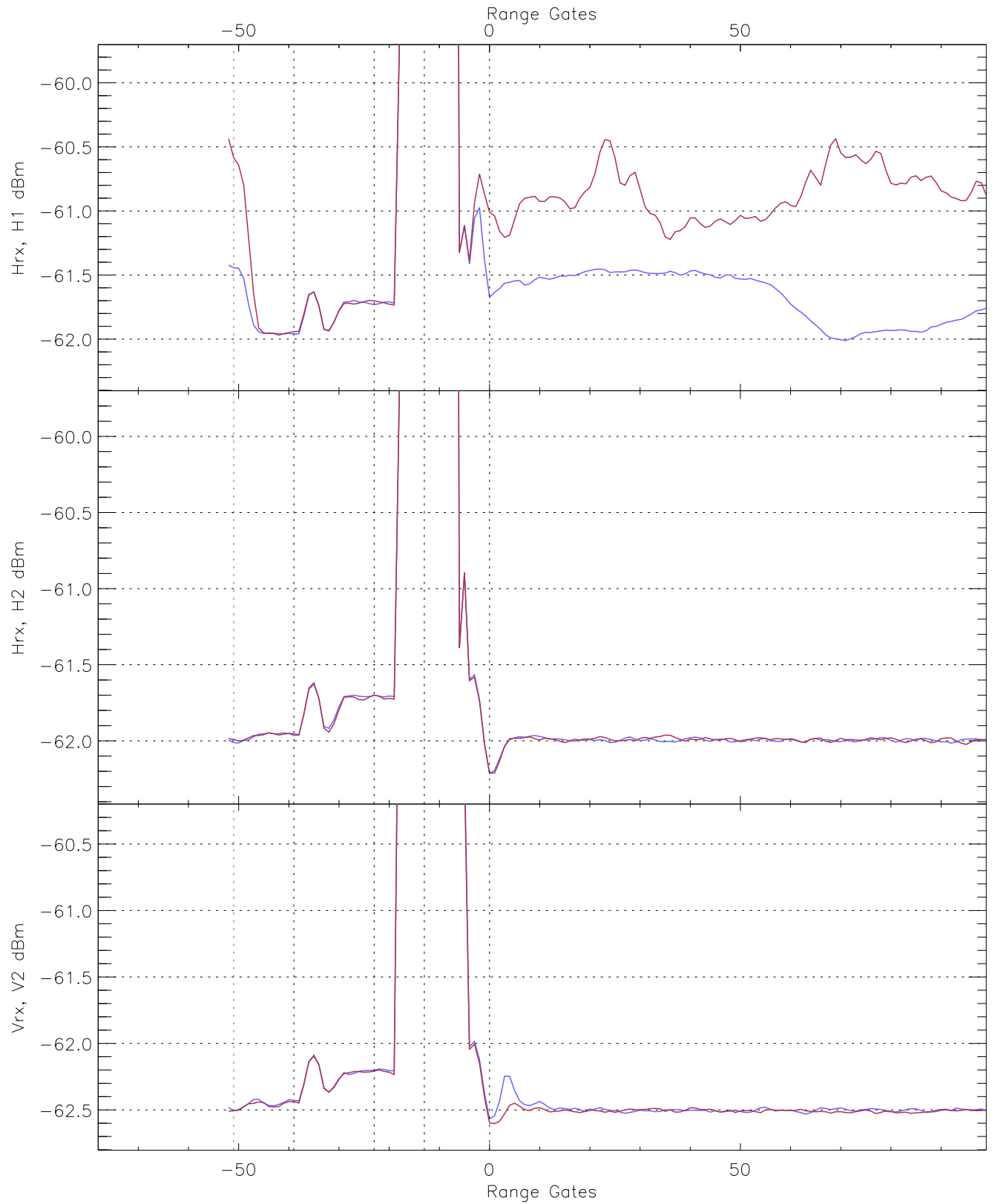
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H2HL_0 [dBm]	-62.95	-61.26	-62.08	-62.09	-74.36
H2RG350_0 [dBm]	-62.99	-61.19	-62.03	-62.03	-74.17
V2RG103_0 [dBm]	-63.46	-61.67	-62.52	-62.54	-74.76

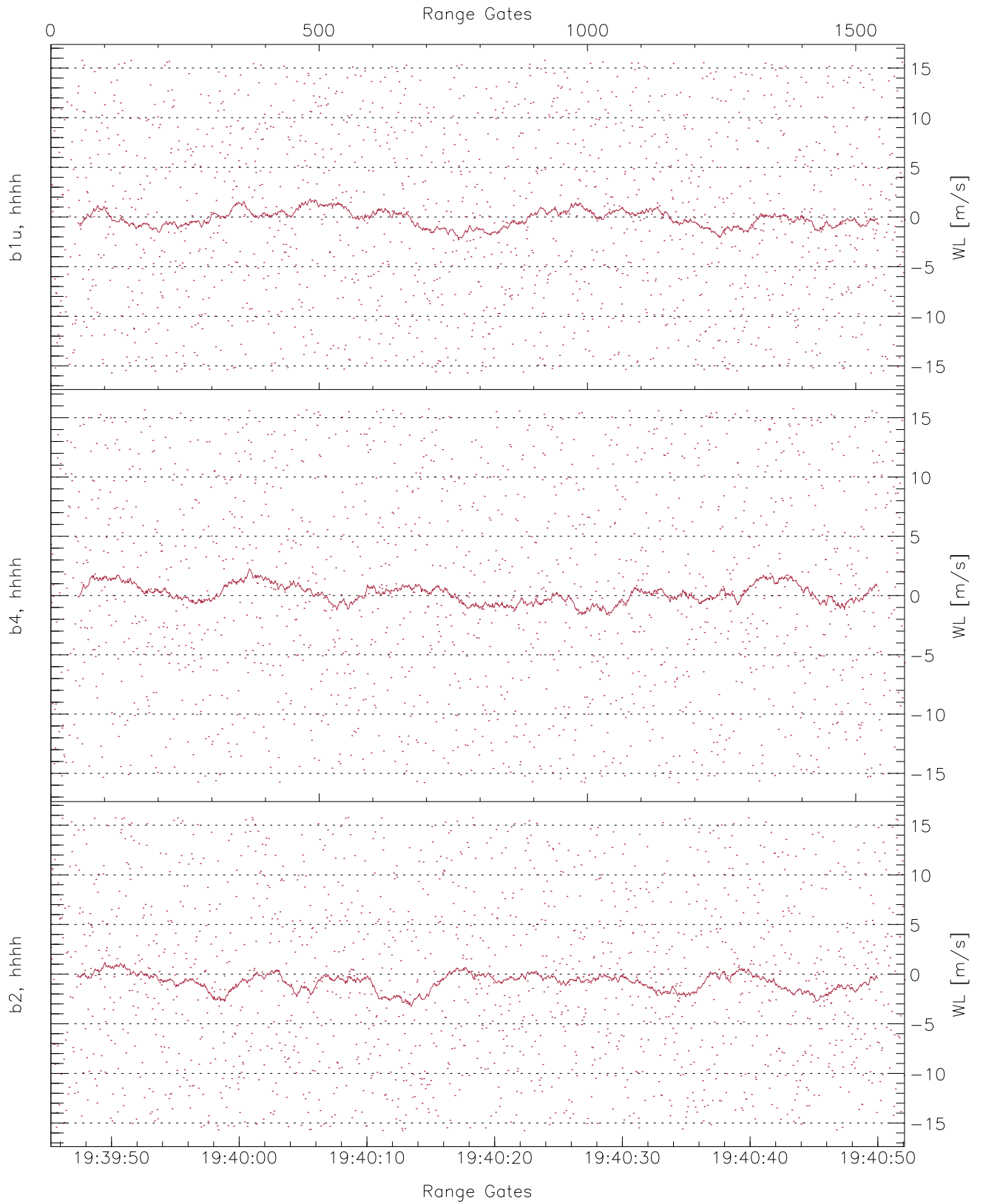


WCR2 CPP Averaged Received power for all recorded gates  
blue: 193945-194019, 797 profiles averaged  
red: 194019-194052, 796 profiles averaged

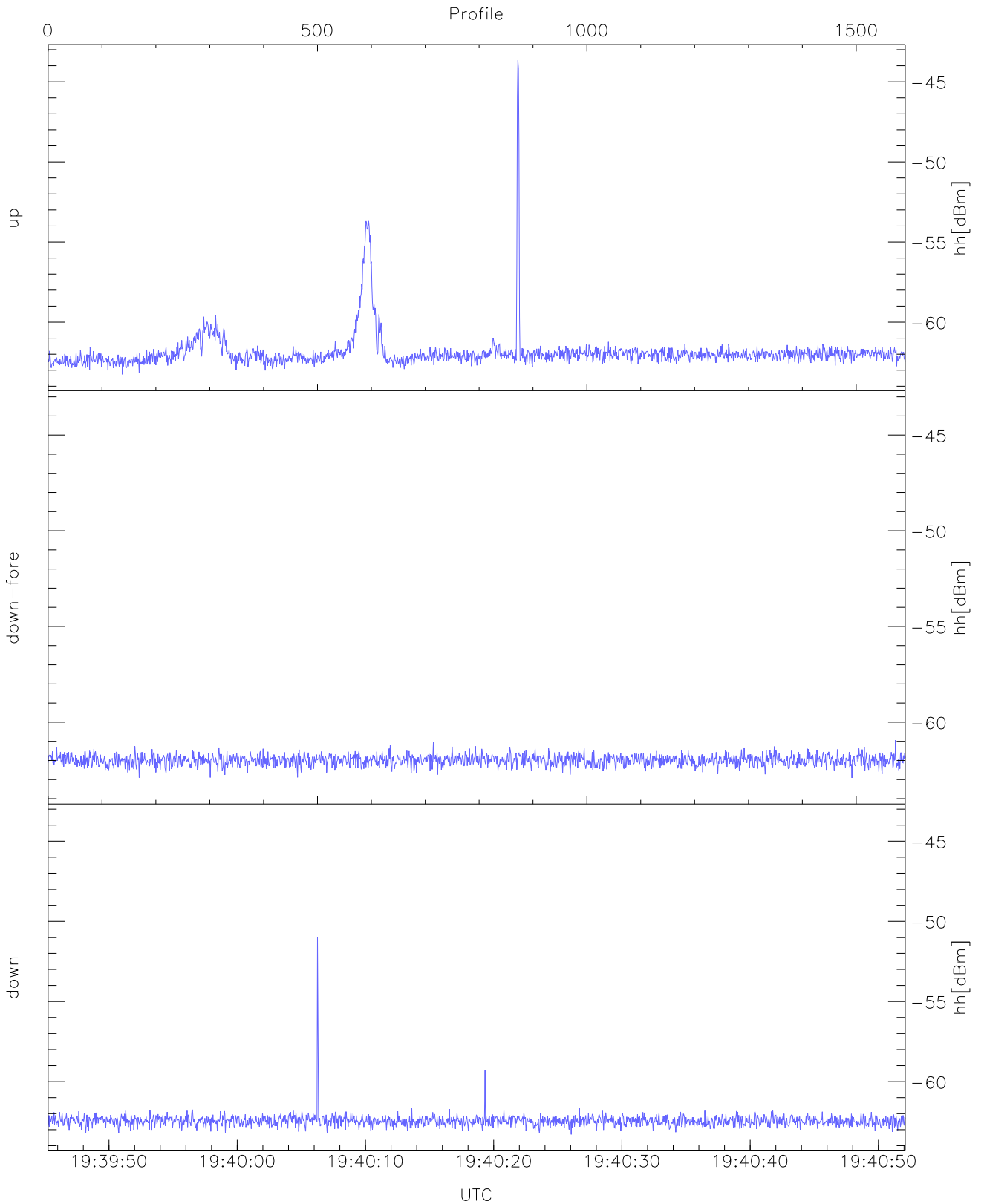




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 193945-194019, 797 profiles averaged  
red: 194019-194052, 796 profiles averaged

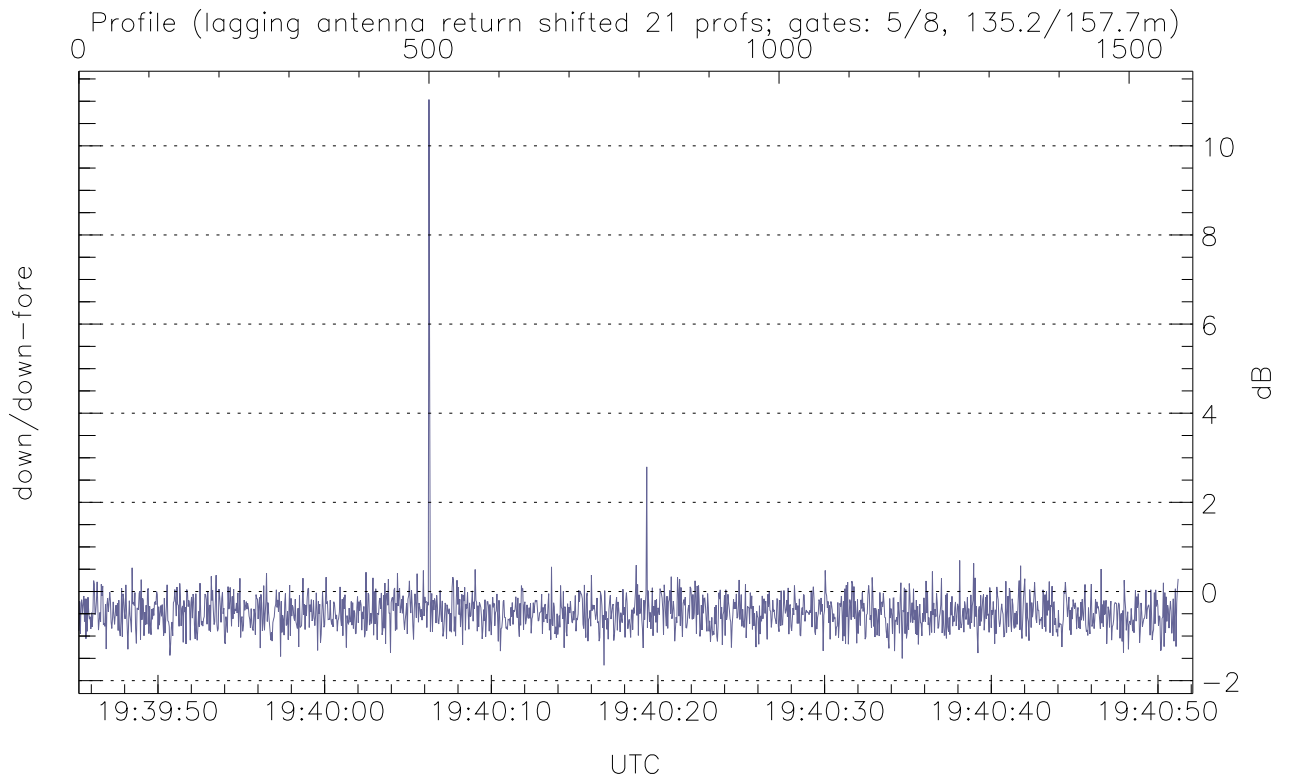
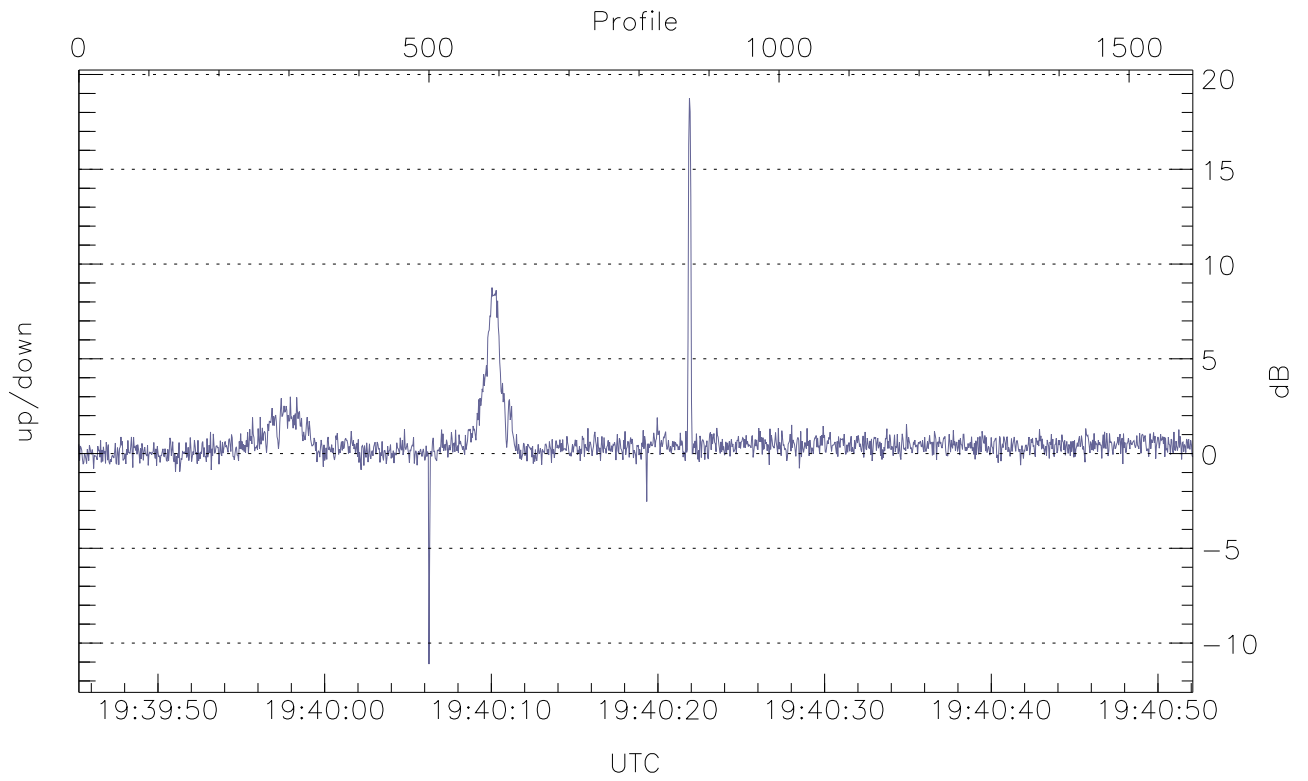


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



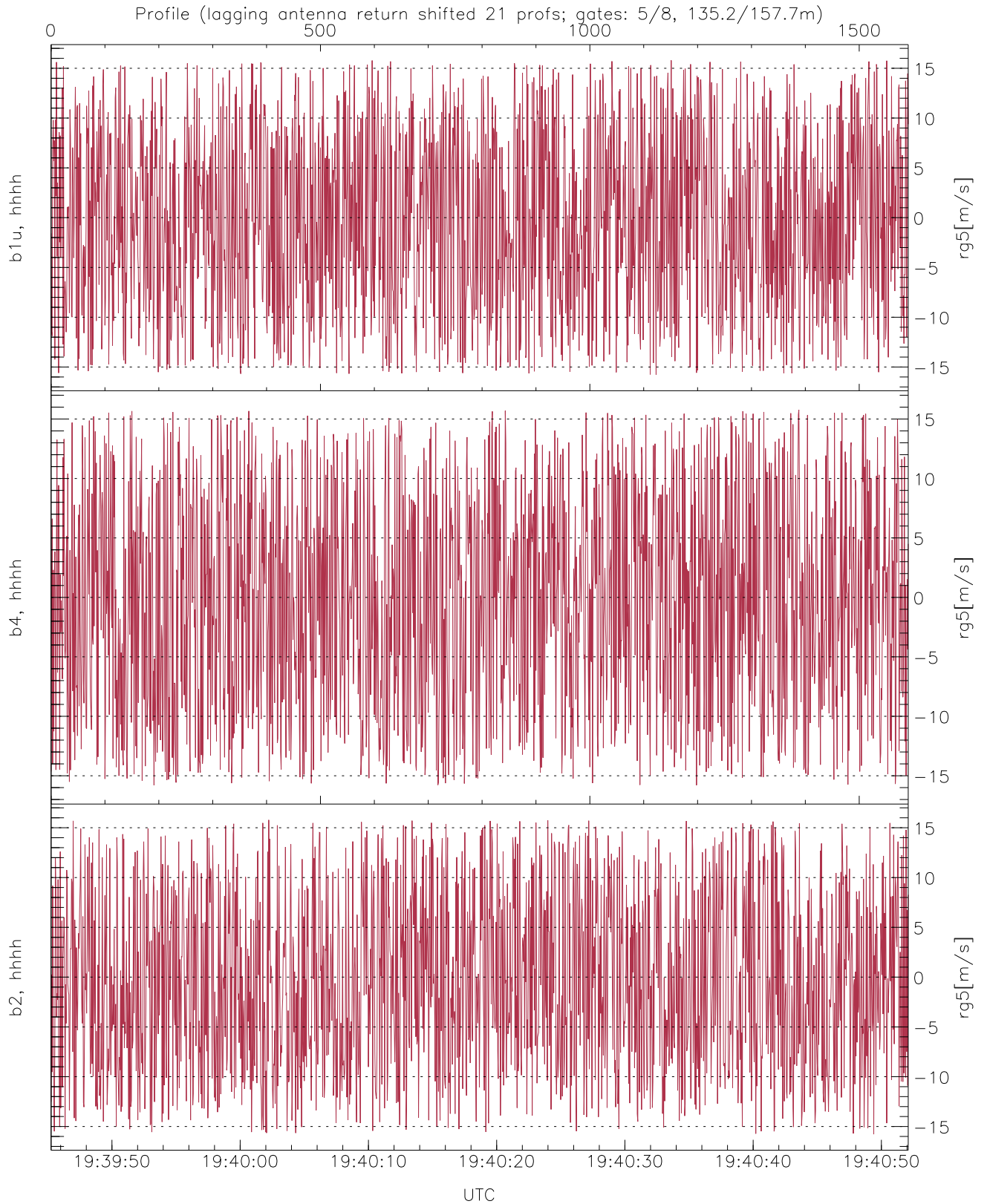
WCR2 CPP Received Power Products for Range gate 5 (135.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.26	-43.66	-61.30
down-fore(hh[dBm])	-62.91	-60.94	-61.98
down(hh[dBm])	-63.30	-50.96	-62.40



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (135 m)

	Min	Max	Mean
up/down (dB)	-11.11	18.75	0.57
down/down-fore (dB)	-1.66	11.04	-0.46



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.80	-0.37	9.01
b4, hhhh(rg5[m/s])	-15.80	15.77	-0.29	9.12
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.54	8.77