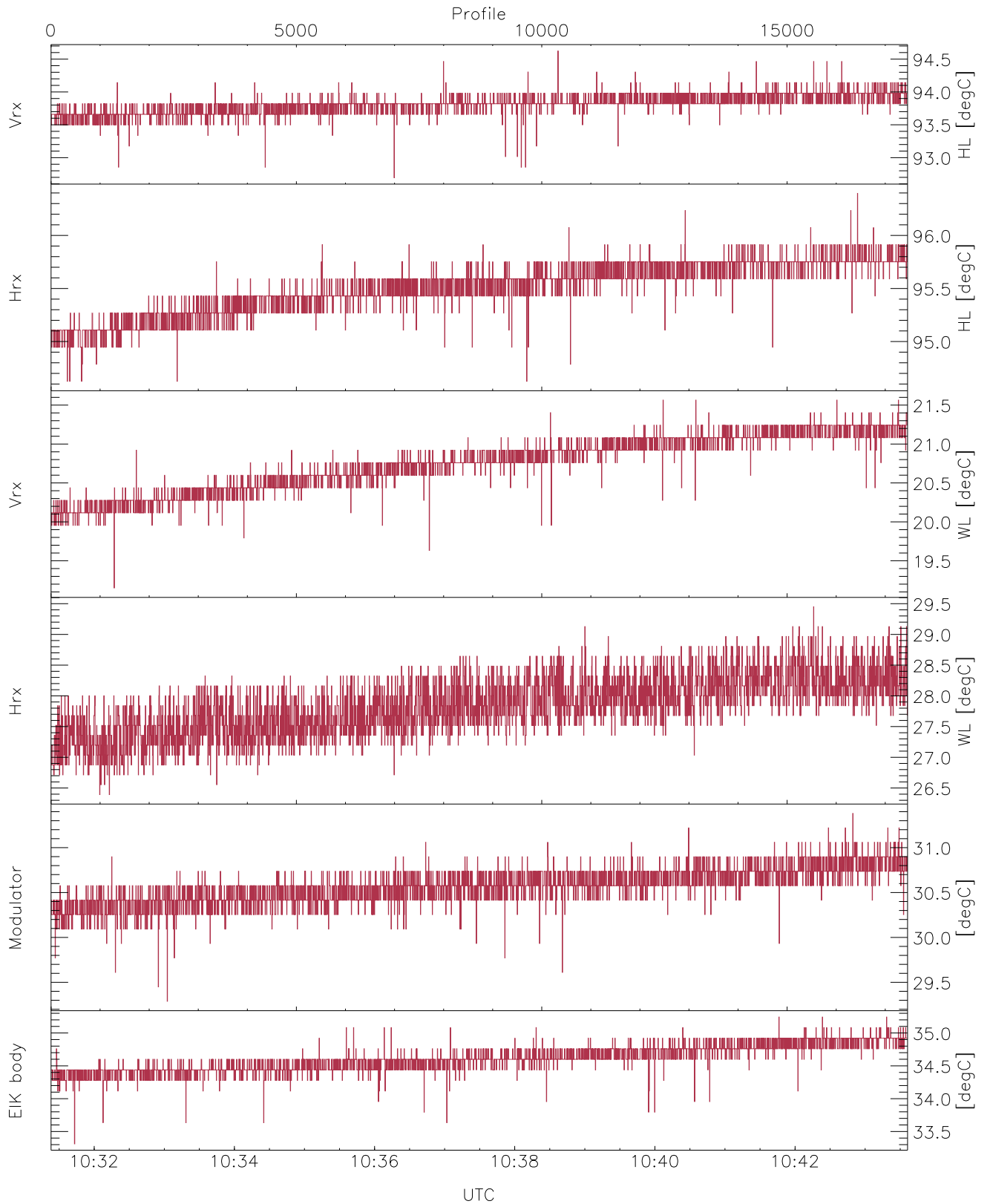


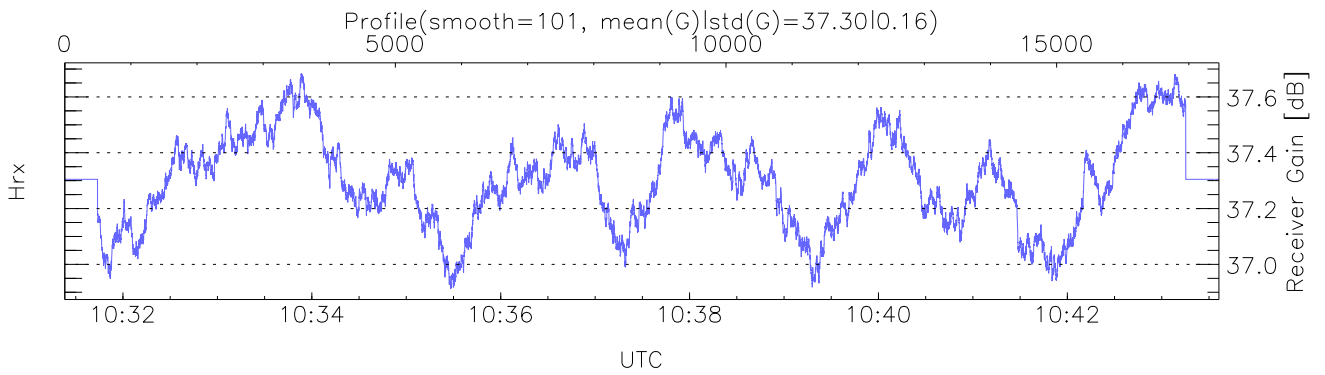
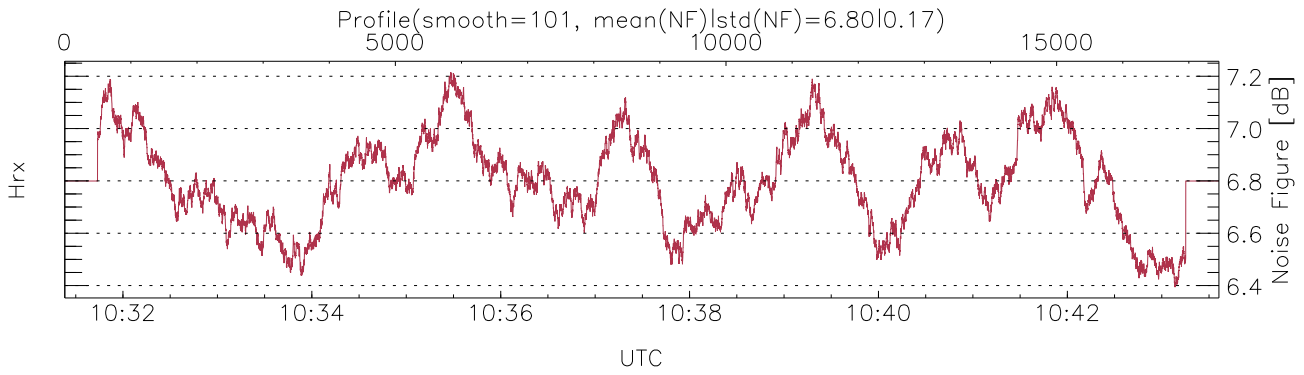
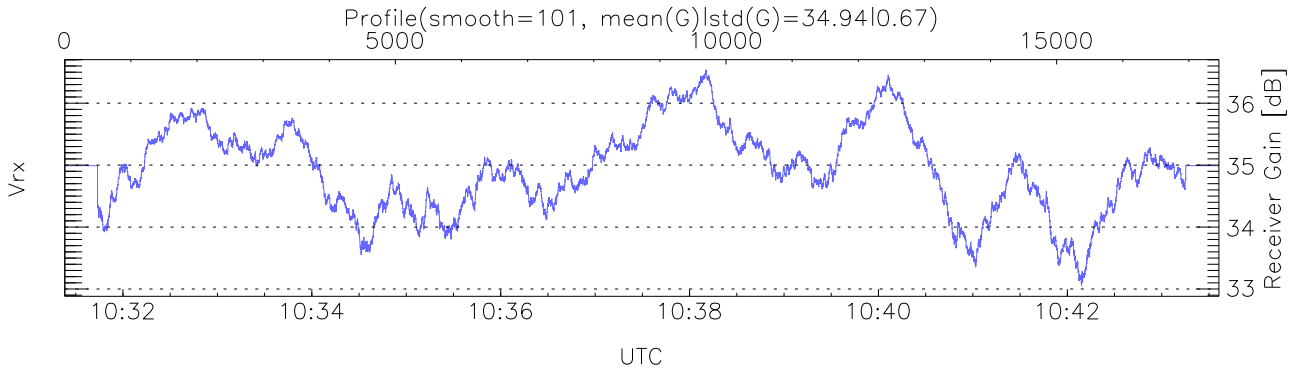
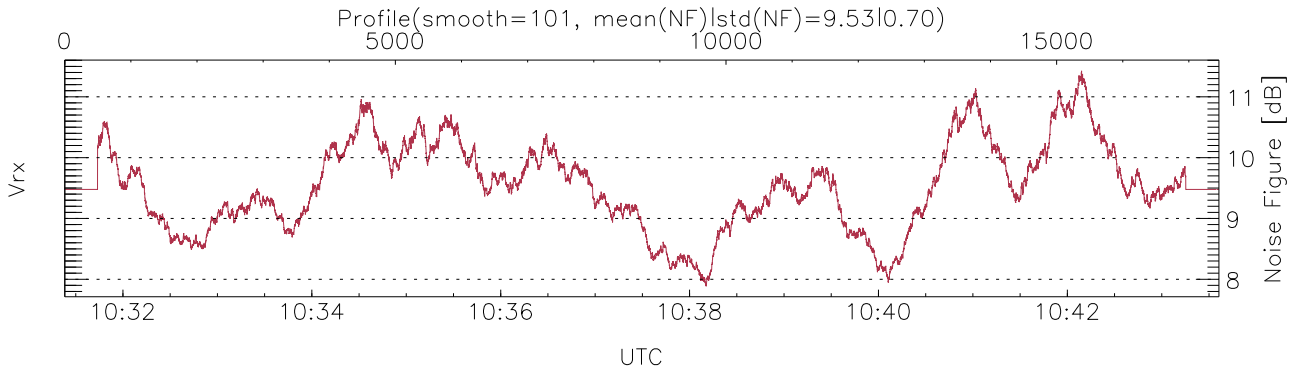
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 10:31:23-10:43:36, Dur: 733.29s  
 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): 17456/17456, 0-17455/10:31:23-10:43:36  
 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



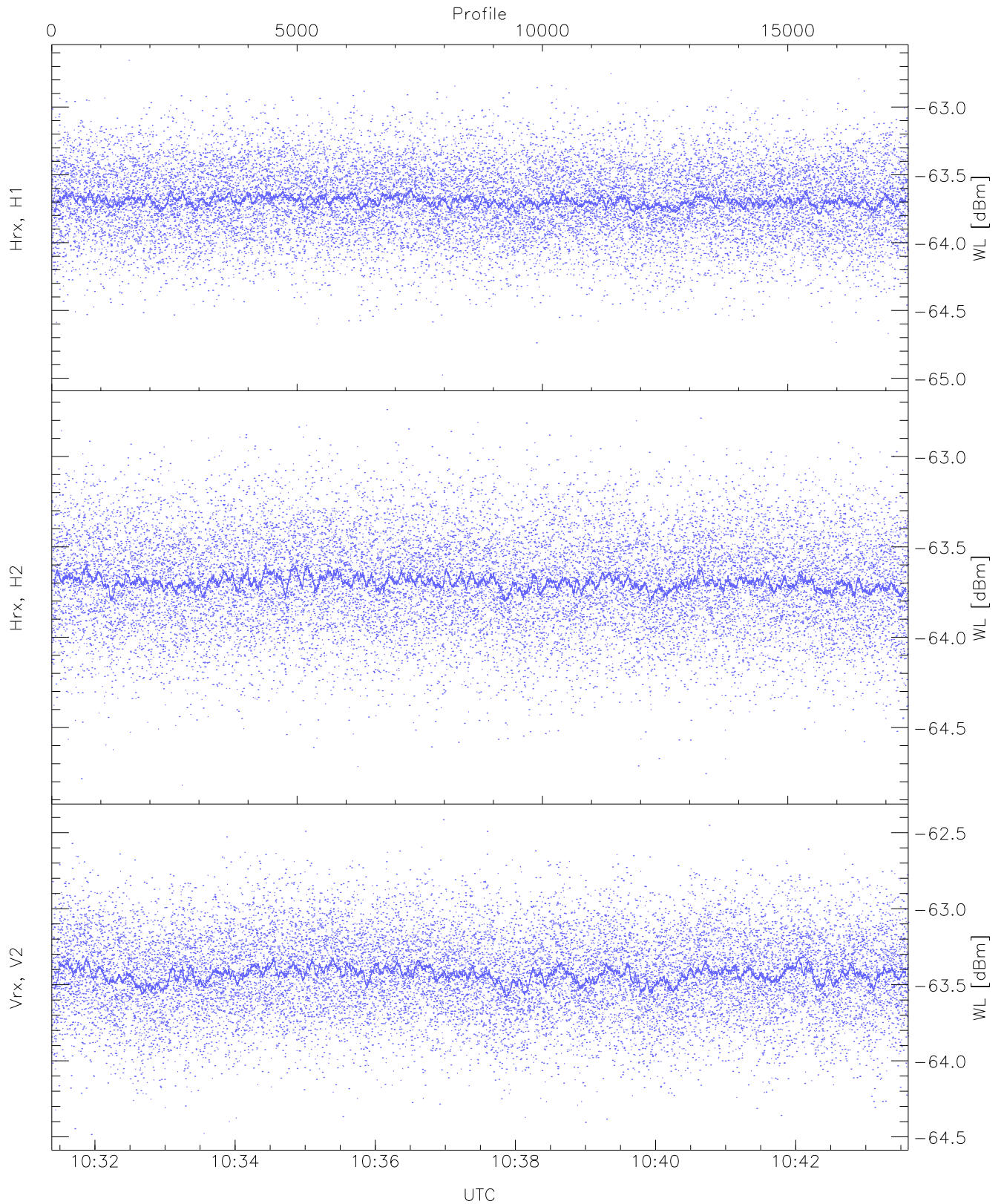
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,29,33`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,31,35`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK/Modulator Faults: None`



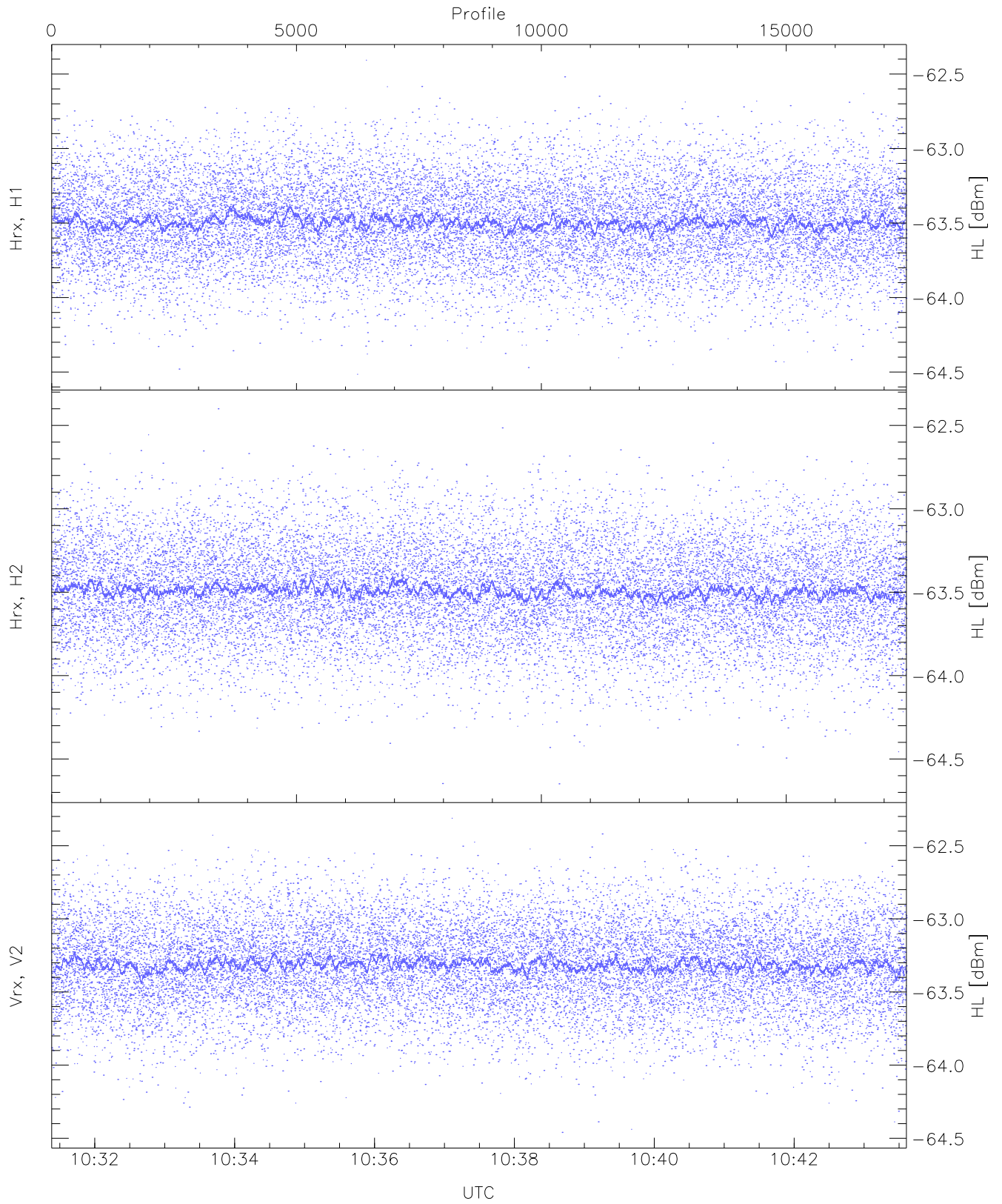
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1807 pixs, 9 gates, 1227 profs, 2 prods



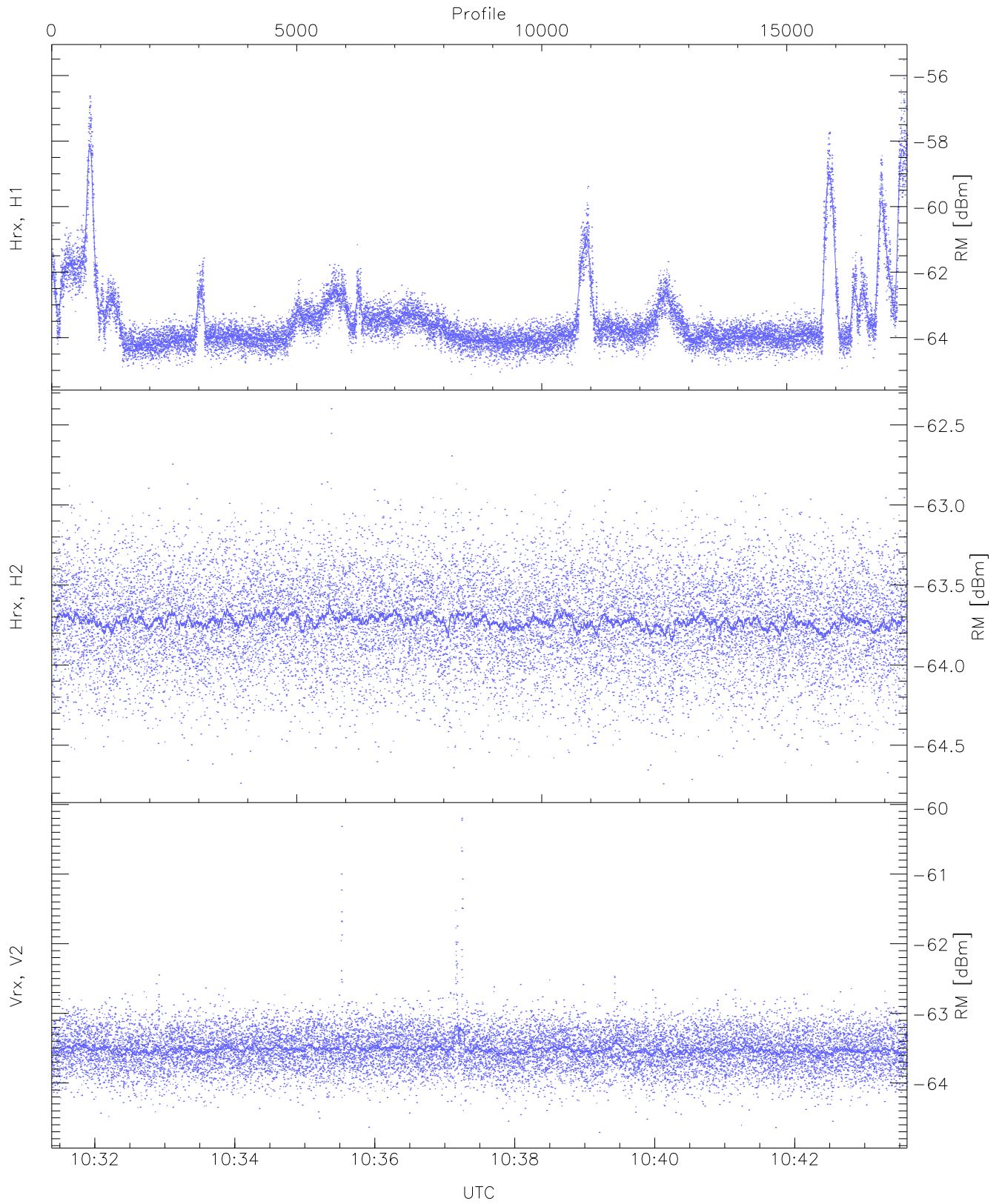
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.98	-62.66	-63.69	-63.69	-75.83
Hrx, H2(WL [dBm])	-64.82	-62.74	-63.69	-63.70	-75.84
Vrx, V2(WL [dBm])	-64.48	-62.42	-63.43	-63.44	-75.50



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

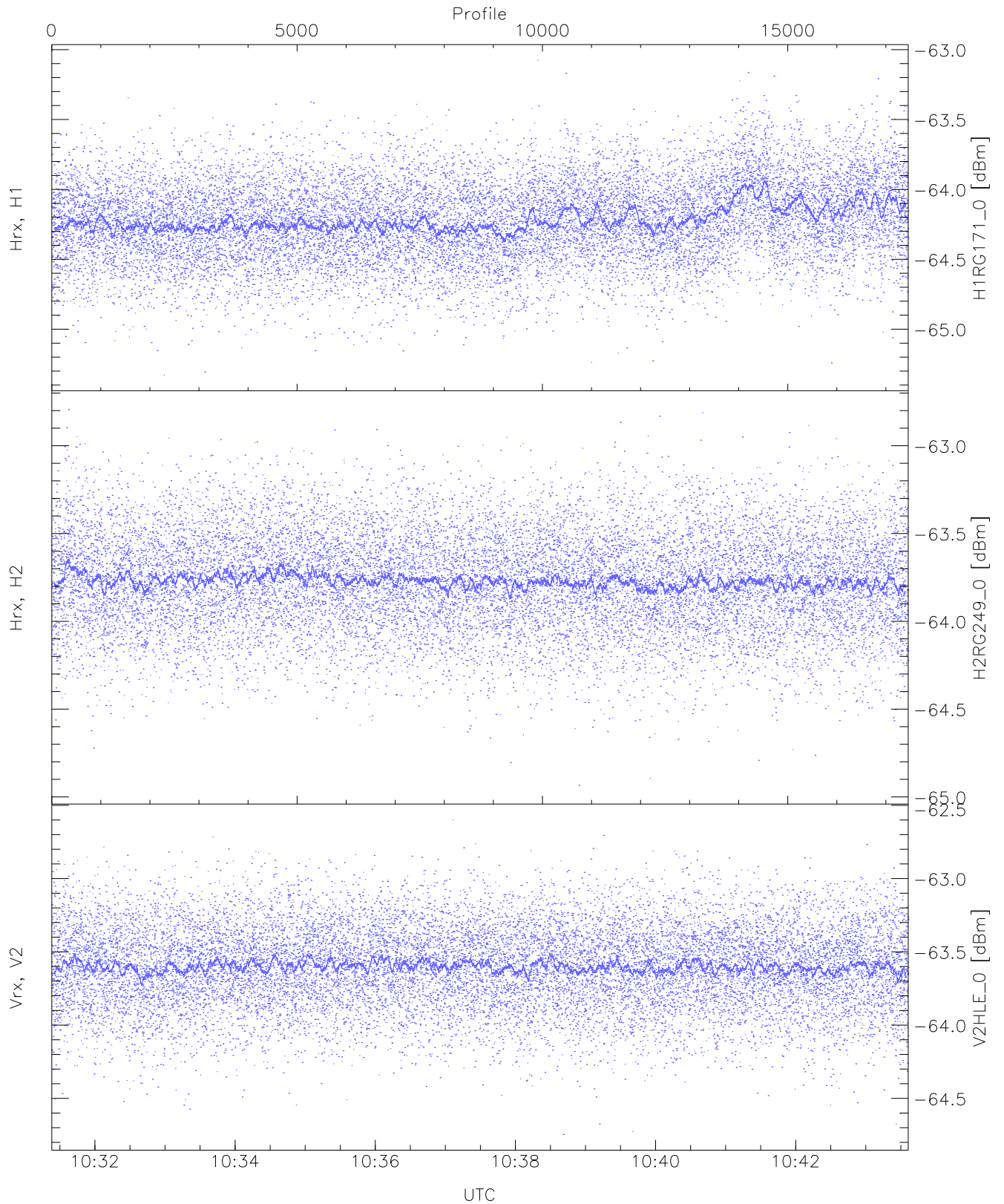
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.52	-62.41	-63.49	-63.50	-75.61
Hrx, H2 (HL [dBm])	-64.65	-62.40	-63.49	-63.49	-75.62
Vrx, V2 (HL [dBm])	-64.46	-62.31	-63.31	-63.31	-75.43



WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

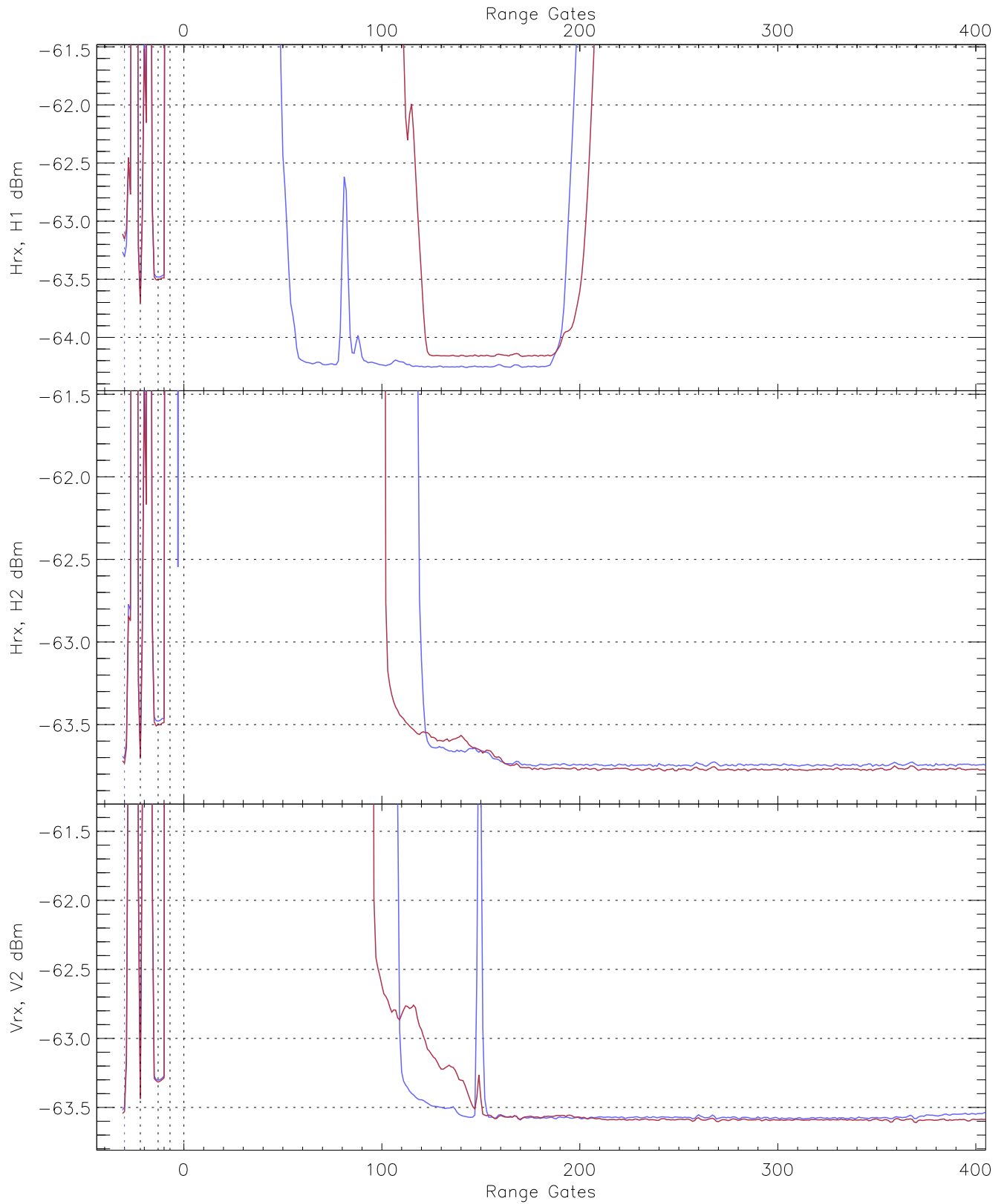
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.12	-55.53	-63.23	-63.76	-67.24
Hrx, H2 (RM [dBm])	-64.74	-62.40	-63.72	-63.73	-75.80
Vrx, V2 (RM [dBm])	-64.71	-60.20	-63.51	-63.52	-75.18





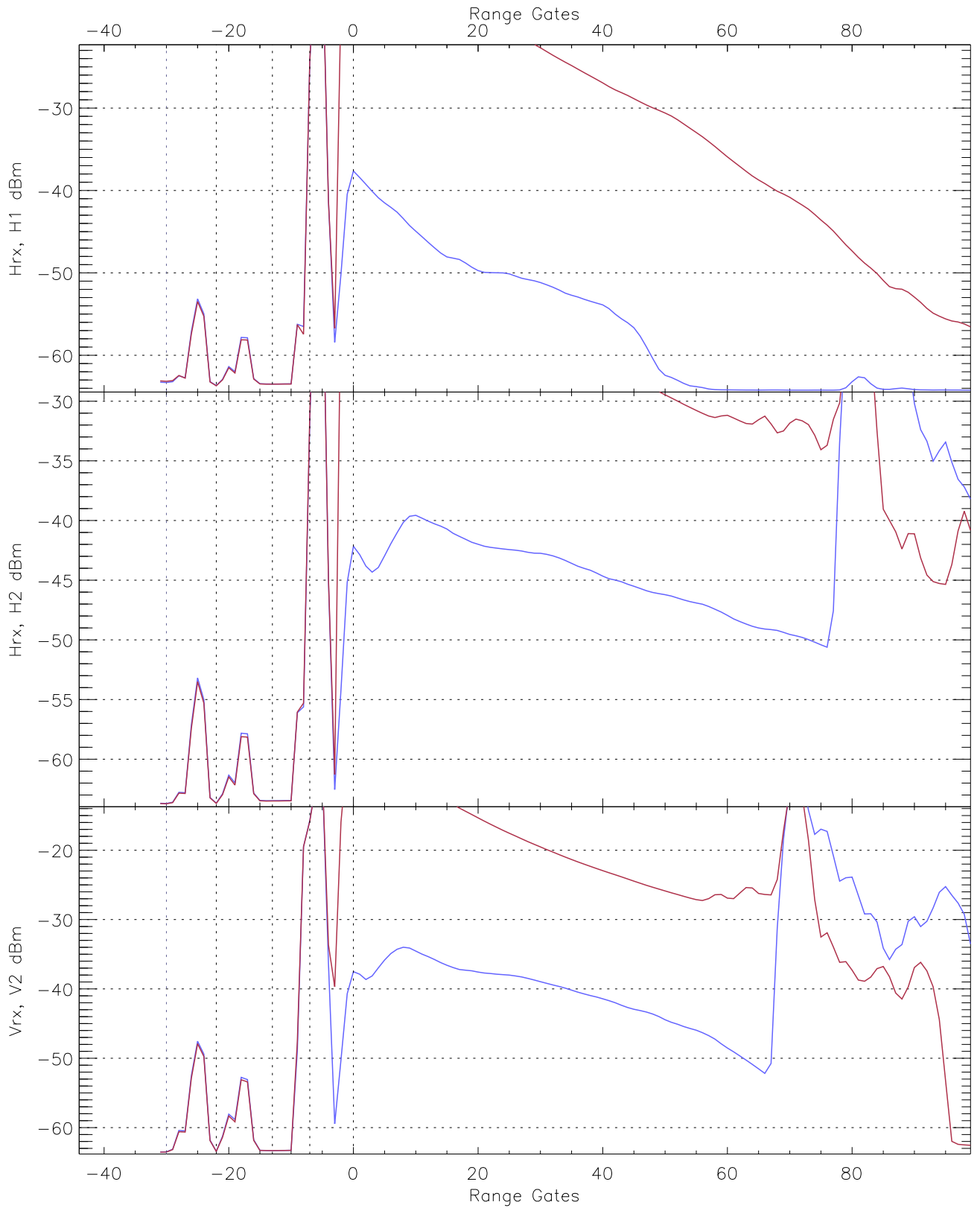
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG171_0 [dBm]	-65.33	-63.08	-64.21	-64.22	-76.18
H2RG249_0 [dBm]	-64.93	-62.79	-63.77	-63.77	-75.89
V2HLE_0 [dBm]	-64.75	-62.60	-63.60	-63.60	-75.72

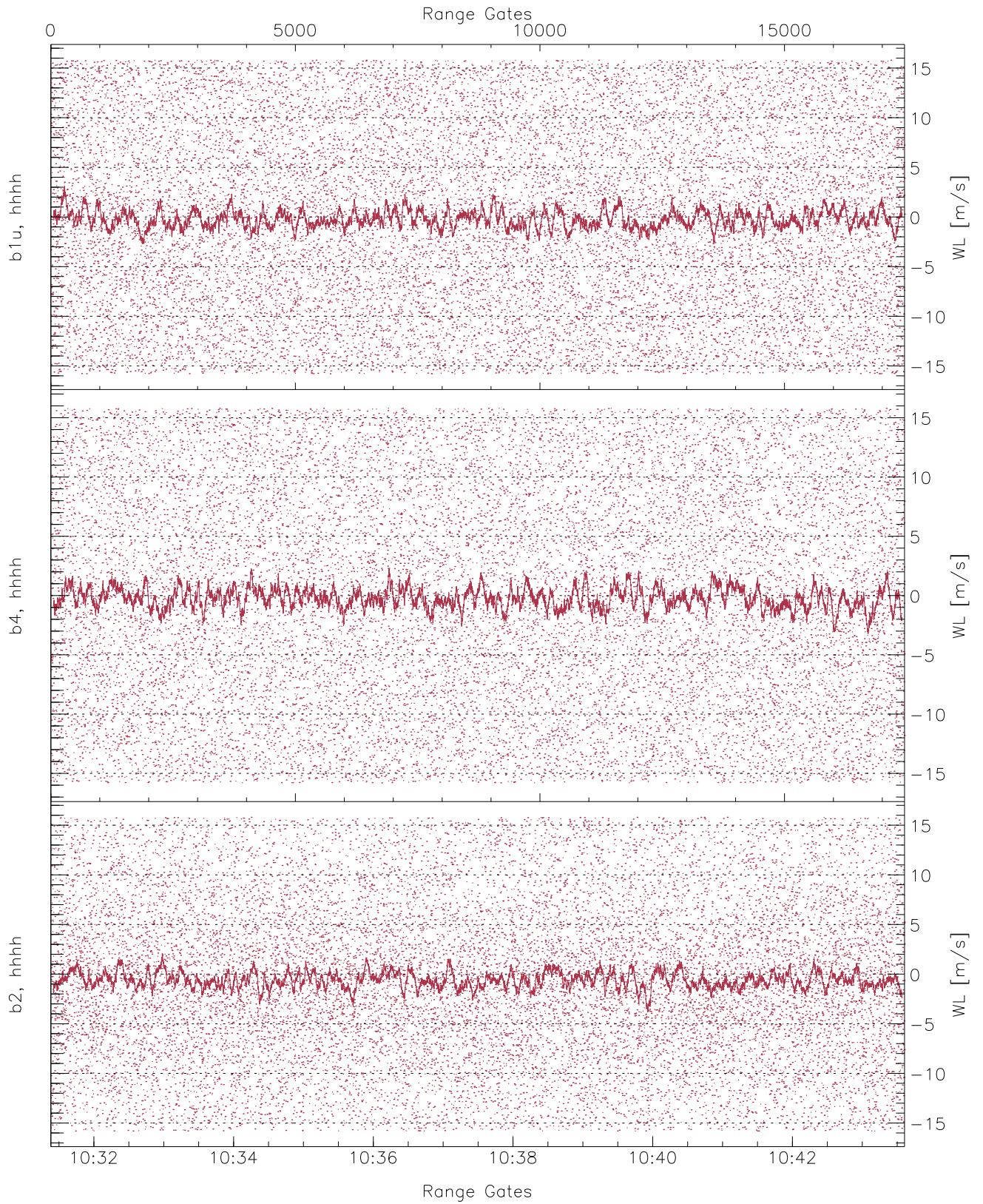


WCR2 CPP Averaged Received power for all recorded gates  
blue: 103123-103730, 8729 profiles averaged  
red: 103730-104336, 8728 profiles averaged

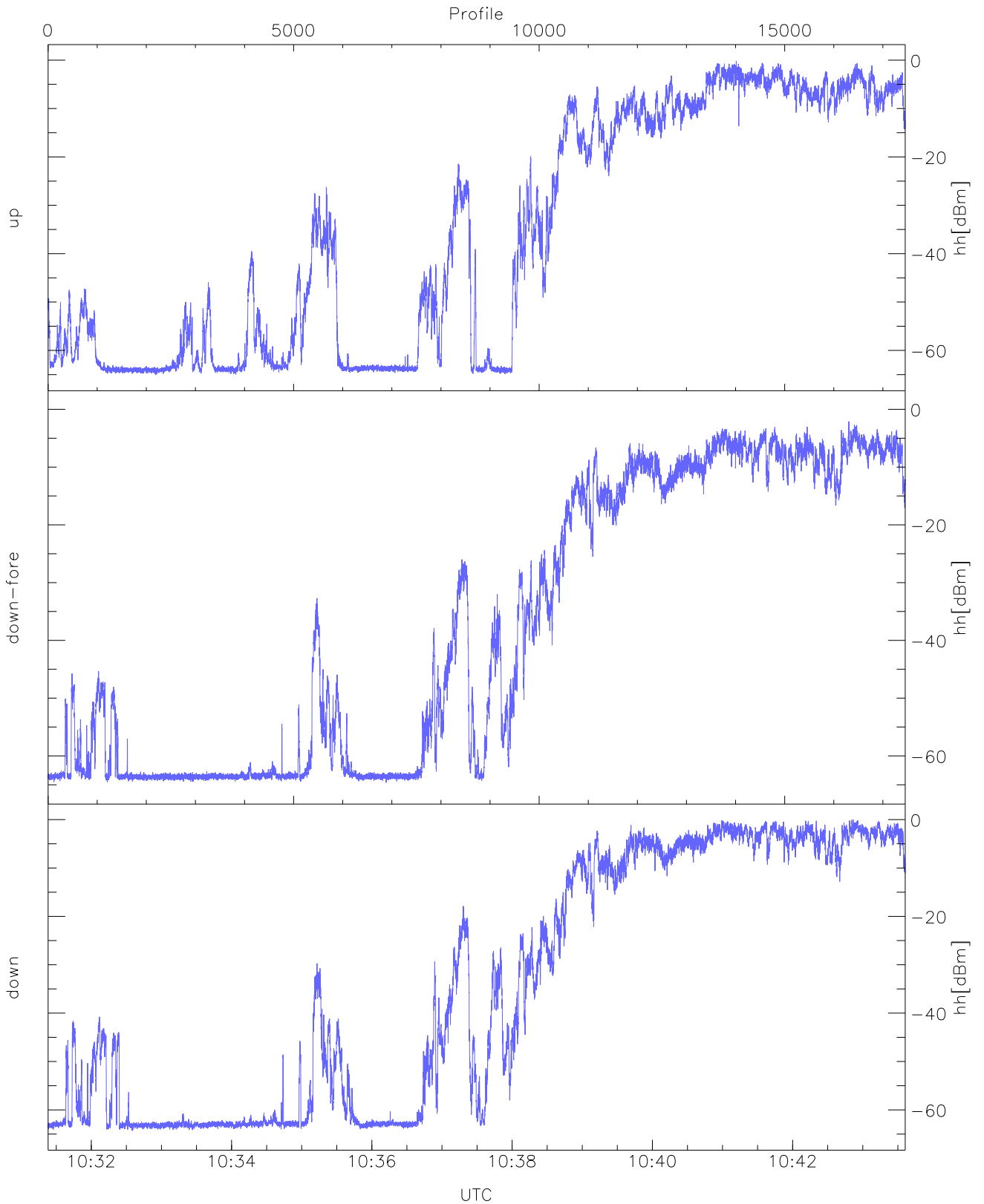




WCR2 CPP Averaged Received power for the negative gates and up to 100 gate  
blue: 103123-103730, 8729 profiles averaged  
red: 103730-104336, 8728 profiles averaged

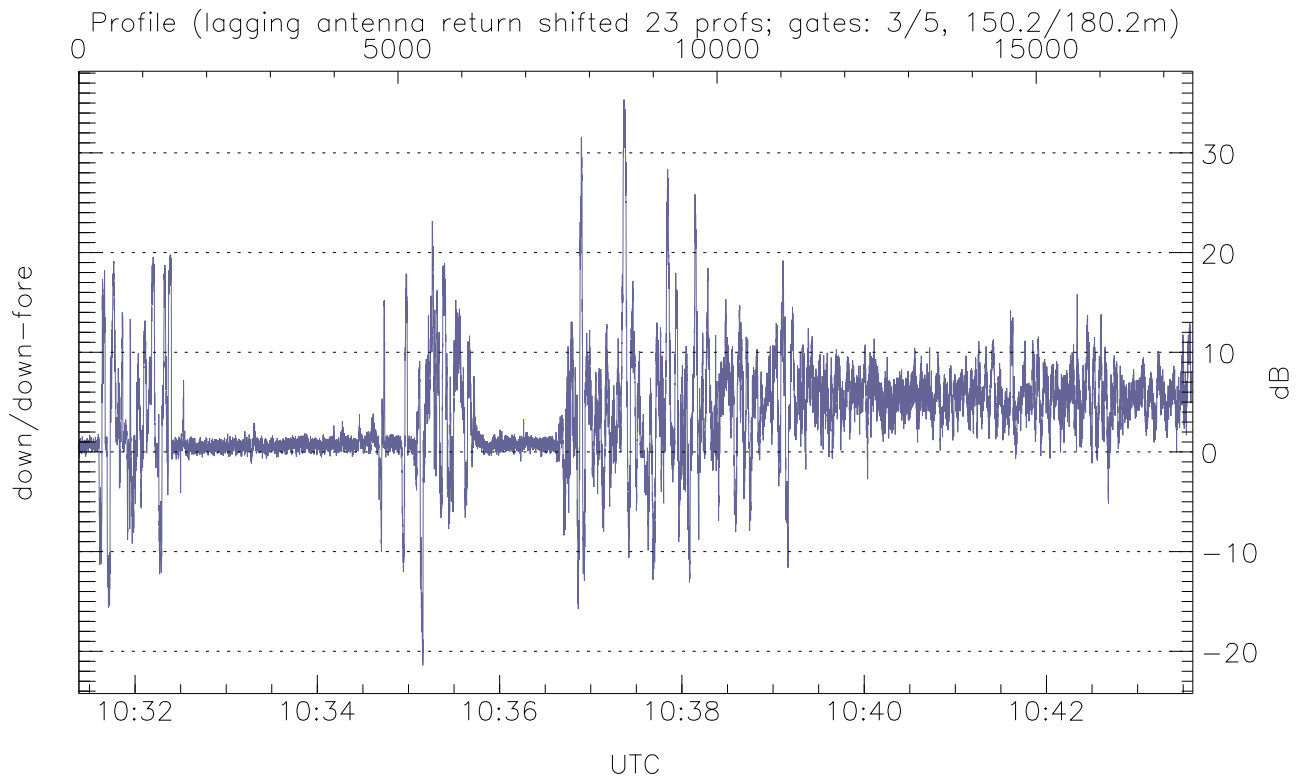
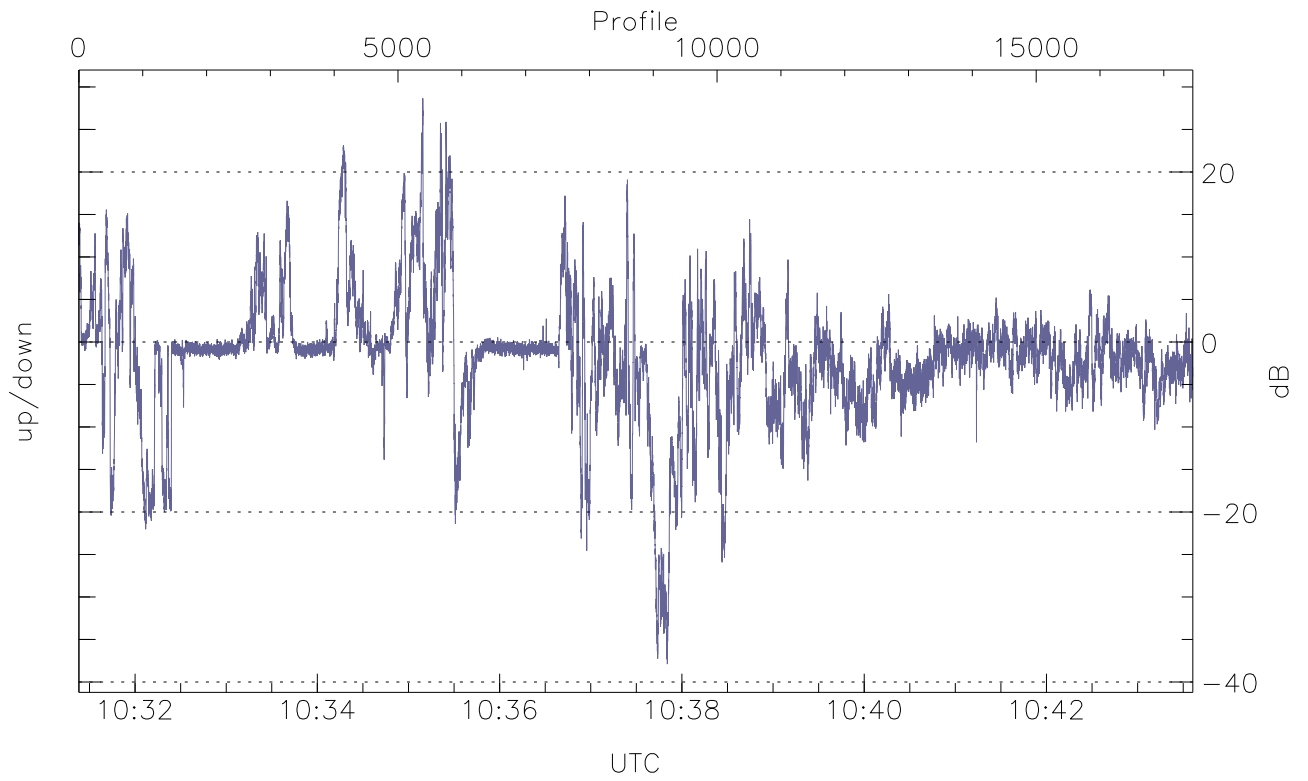


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



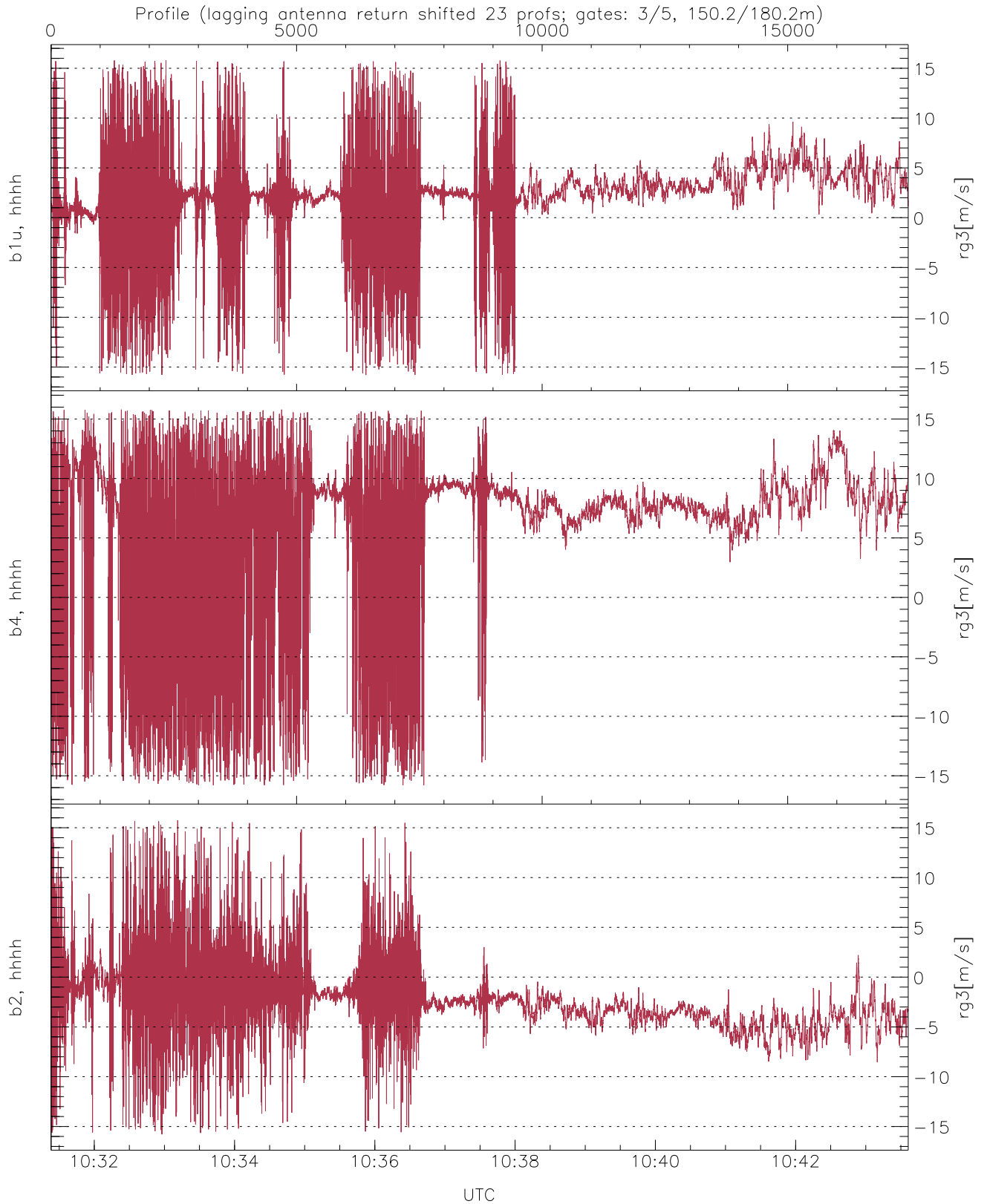
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-65.08	-0.17	-10.13
down-fore(hh[dBm])	-64.63	-2.09	-12.22
down(hh[dBm])	-64.30	-0.03	-8.16



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-37.89	28.67	-1.80
down/down-fore (dB)	-21.40	35.35	3.66



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	2.15	3.73
b4, hhhh(rg3[m/s])	-15.80	15.80	5.75	5.91
b2, hhhh(rg3[m/s])	-15.79	15.74	-2.39	3.15