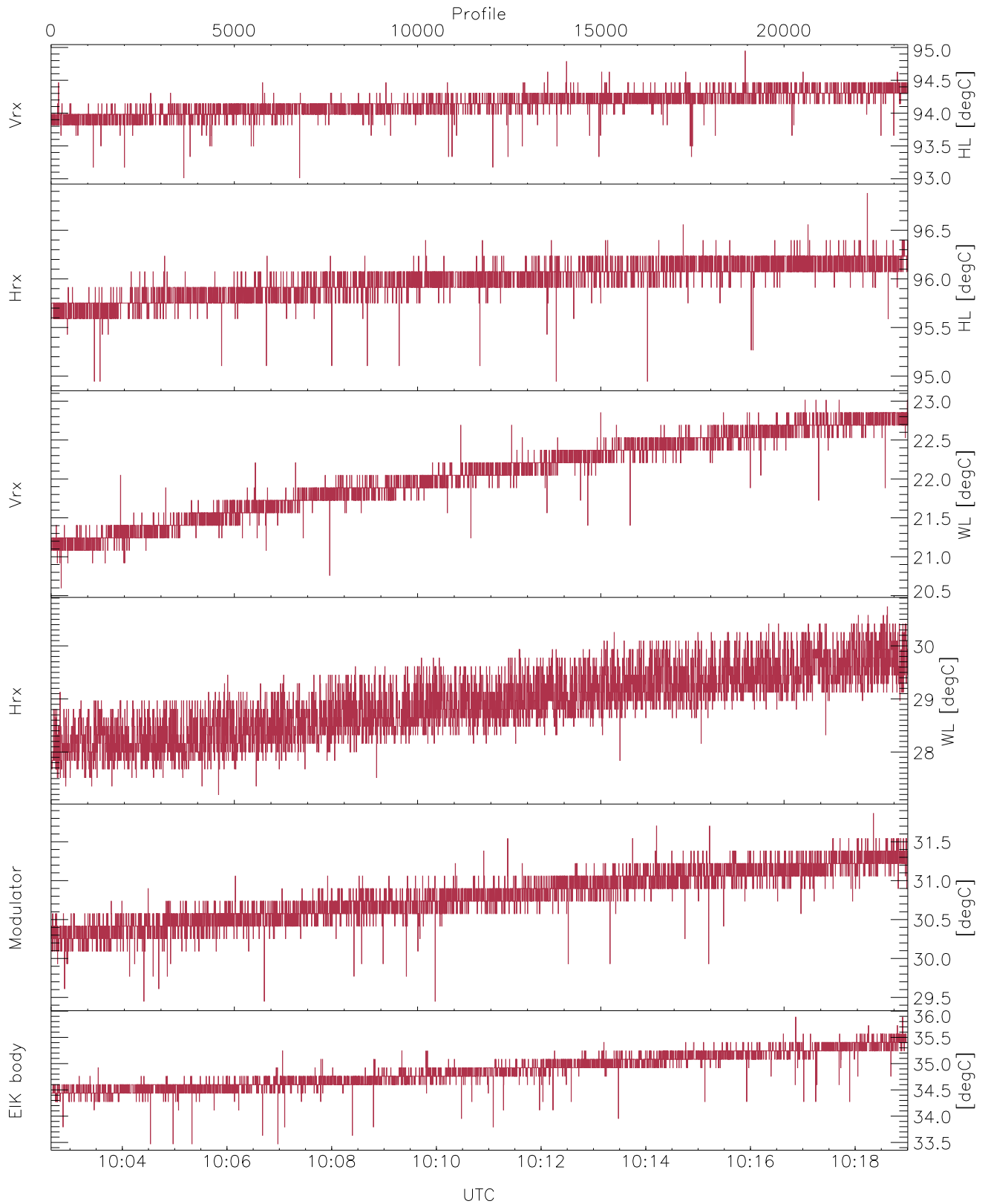


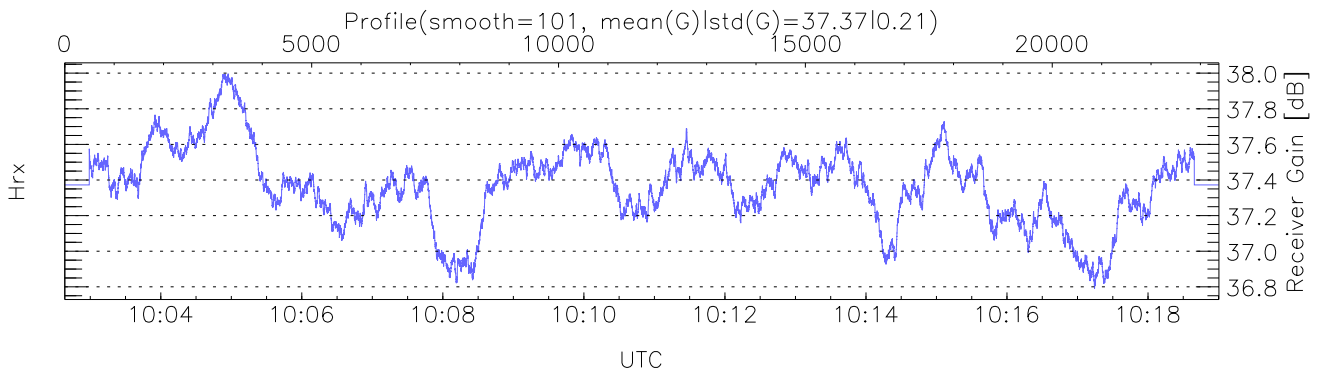
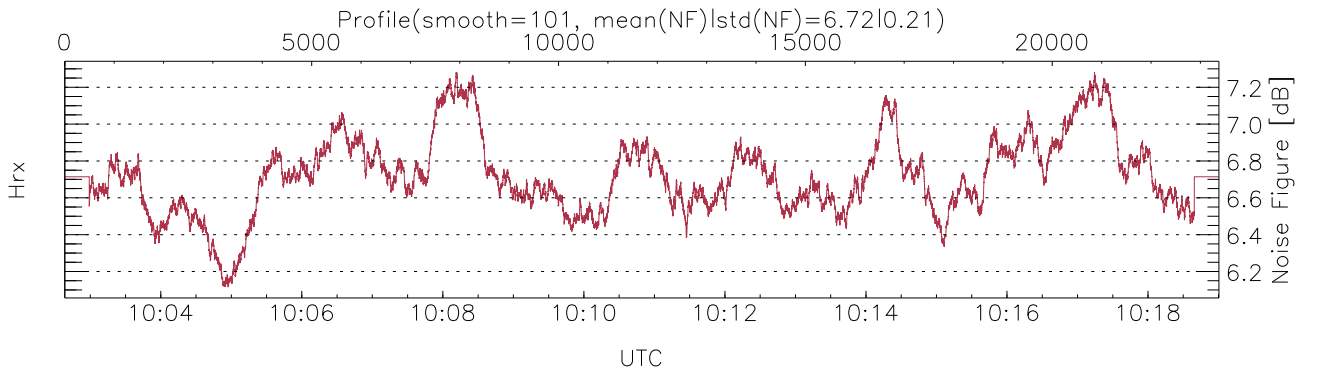
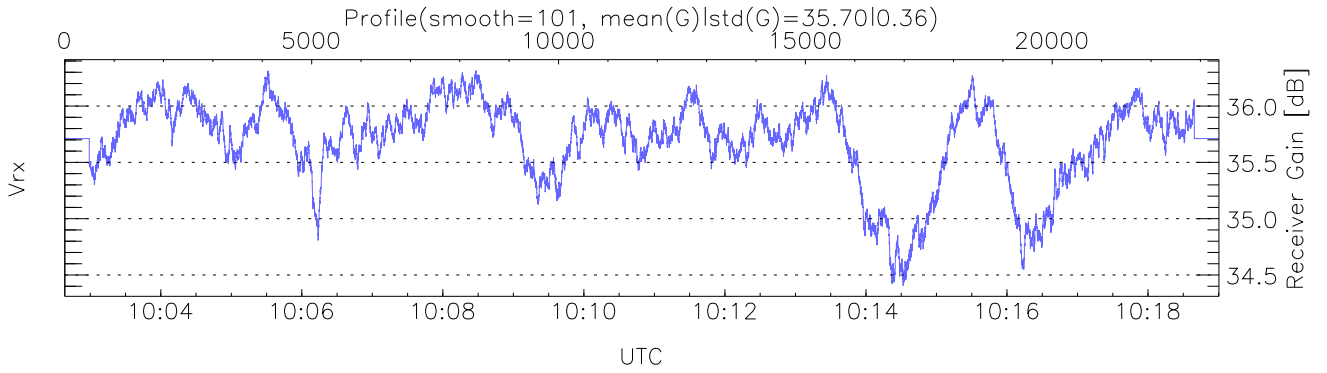
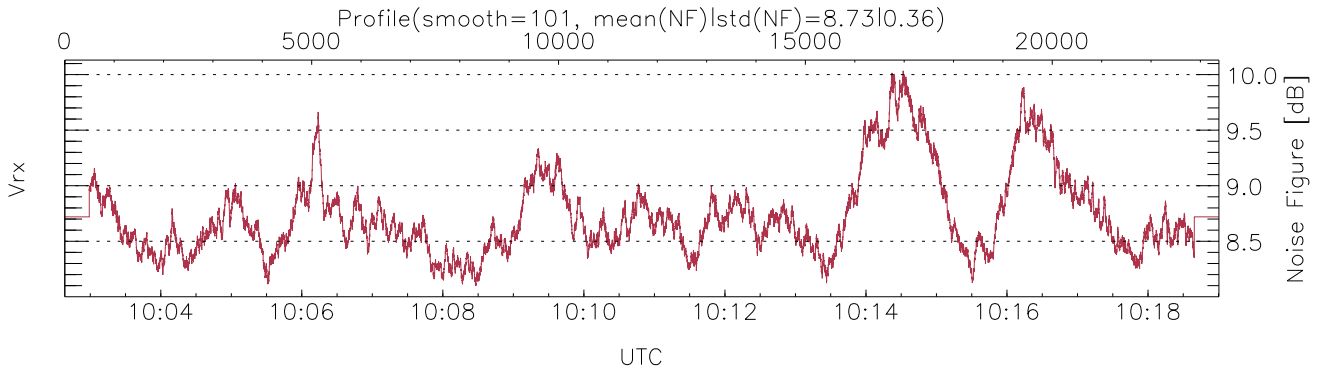
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 10:02:38-10:19:00, Dur: 982.04s  
 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): 23377/23377, 0-23376/10:02:38-10:19:00  
 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



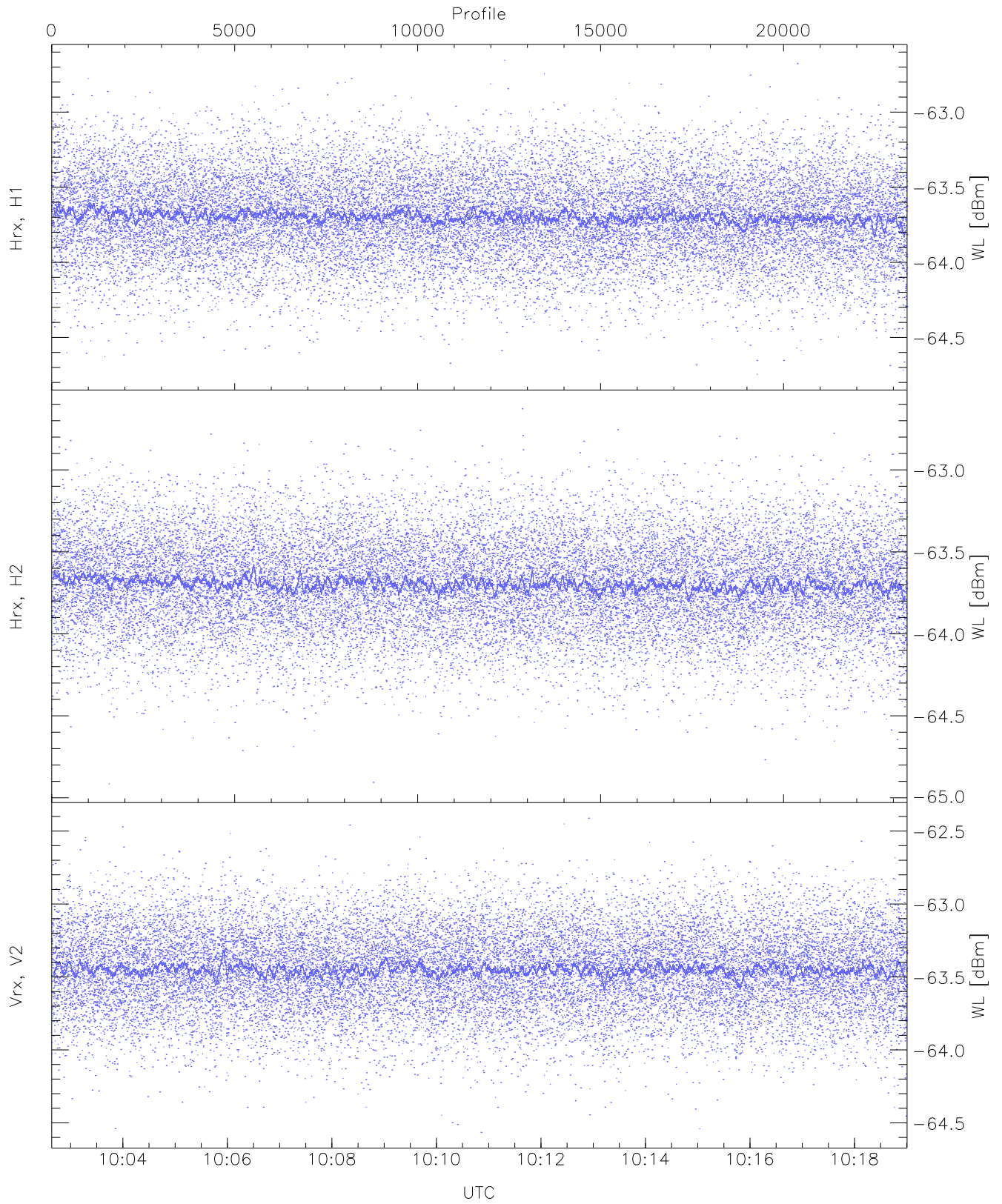
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,29,33`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,23,30,31,35`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK/Modulator Faults: None`



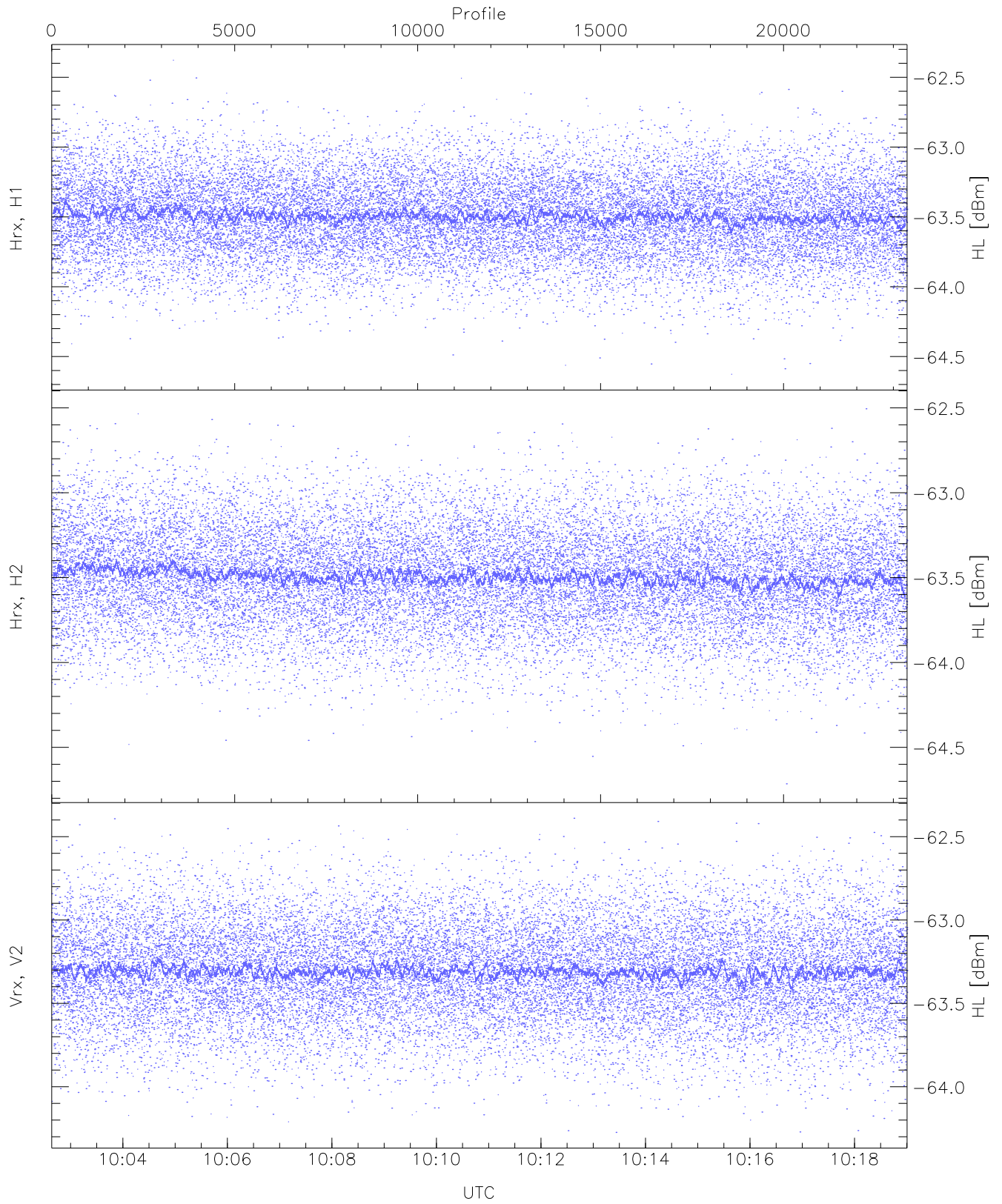
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 49244 pixs, 14 gates, 23188 profs, 3 prods



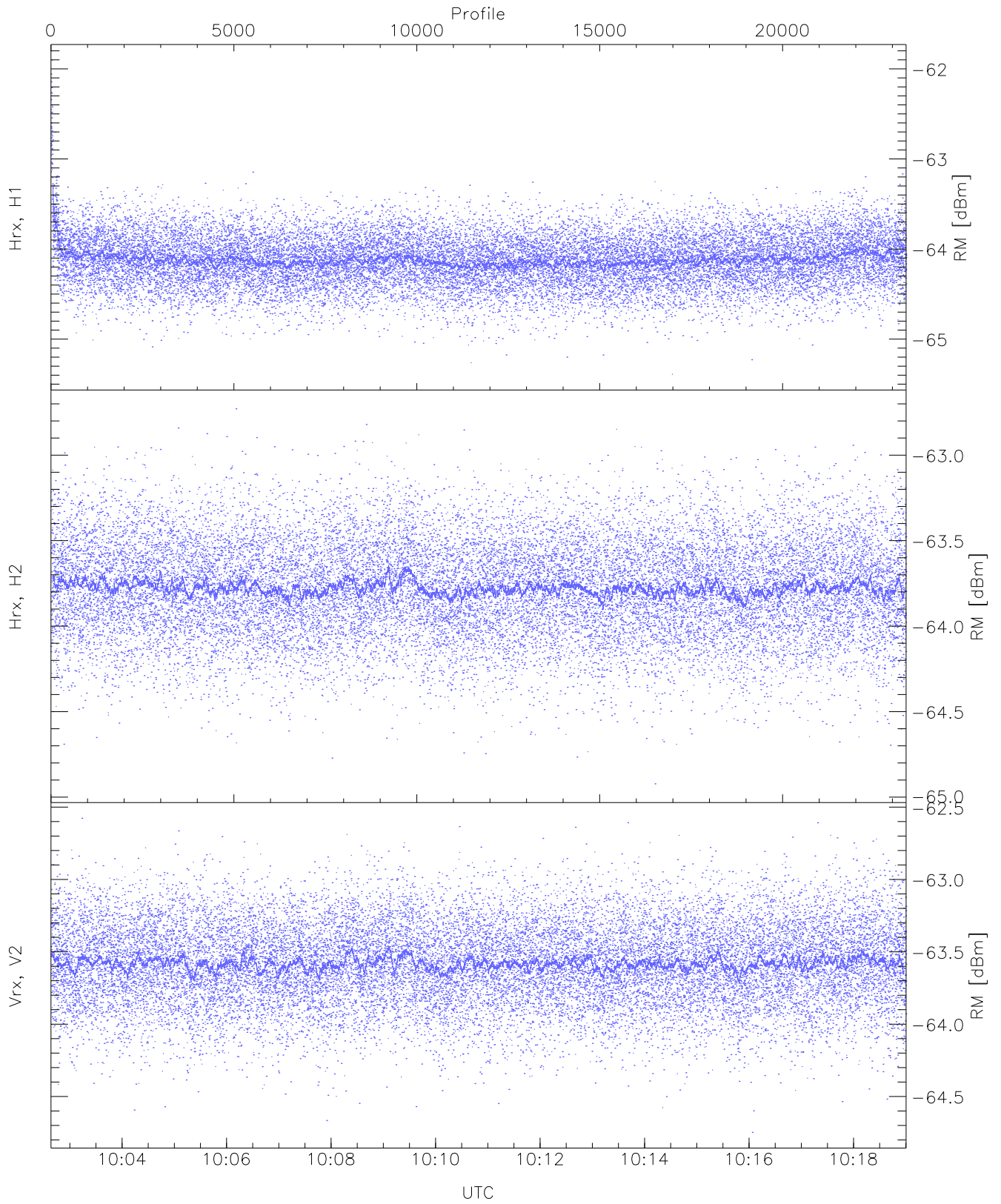
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.75	-62.65	-63.69	-63.70	-75.84
Hrx, H2(WL [dBm])	-64.91	-62.63	-63.69	-63.70	-75.82
Vrx, V2(WL [dBm])	-64.57	-62.41	-63.45	-63.45	-75.61



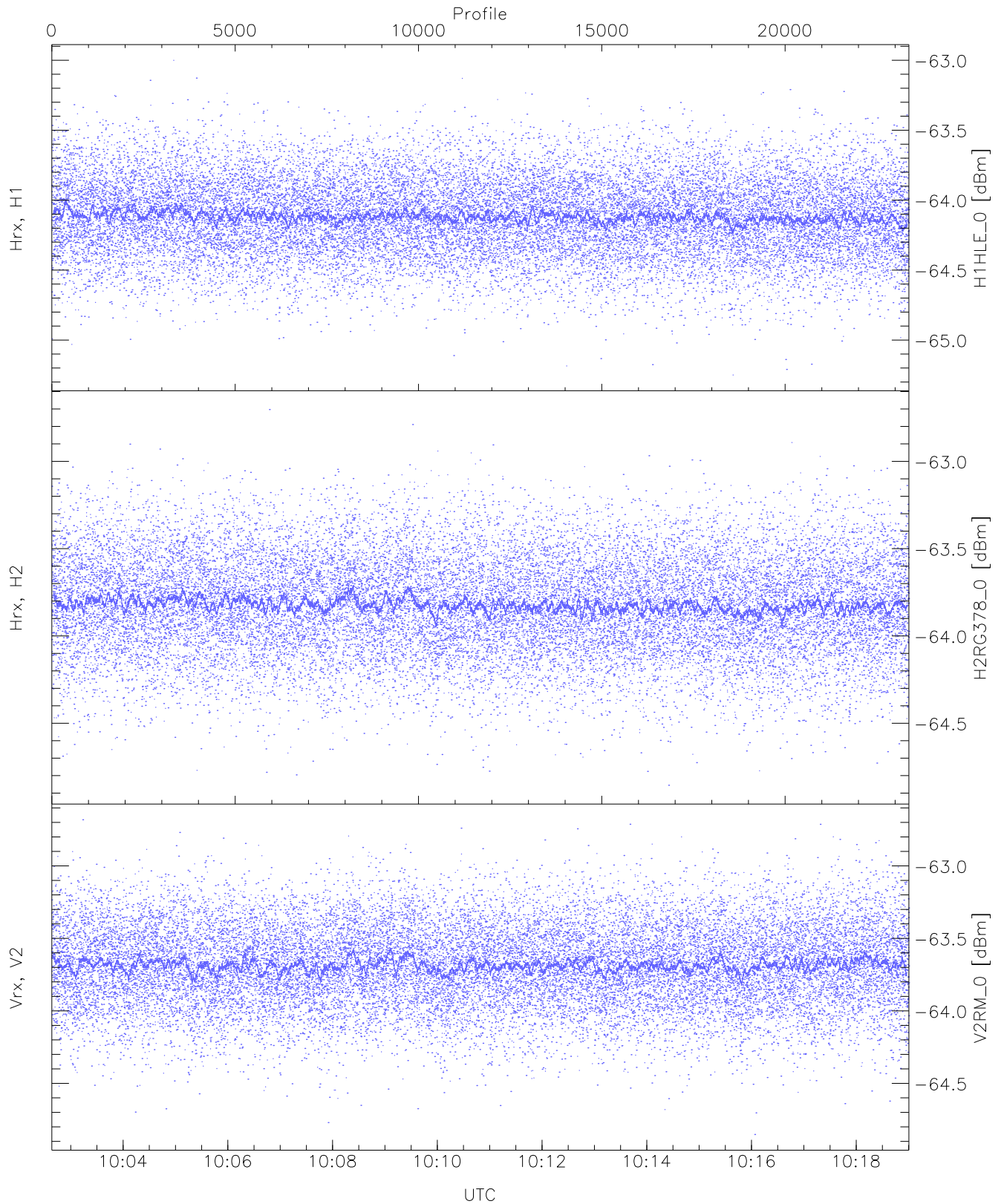
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.63	-62.38	-63.49	-63.50	-75.63
Hrx, H2 (HL [dBm])	-64.71	-62.51	-63.49	-63.50	-75.59
Vrx, V2 (HL [dBm])	-64.27	-62.39	-63.31	-63.31	-75.45



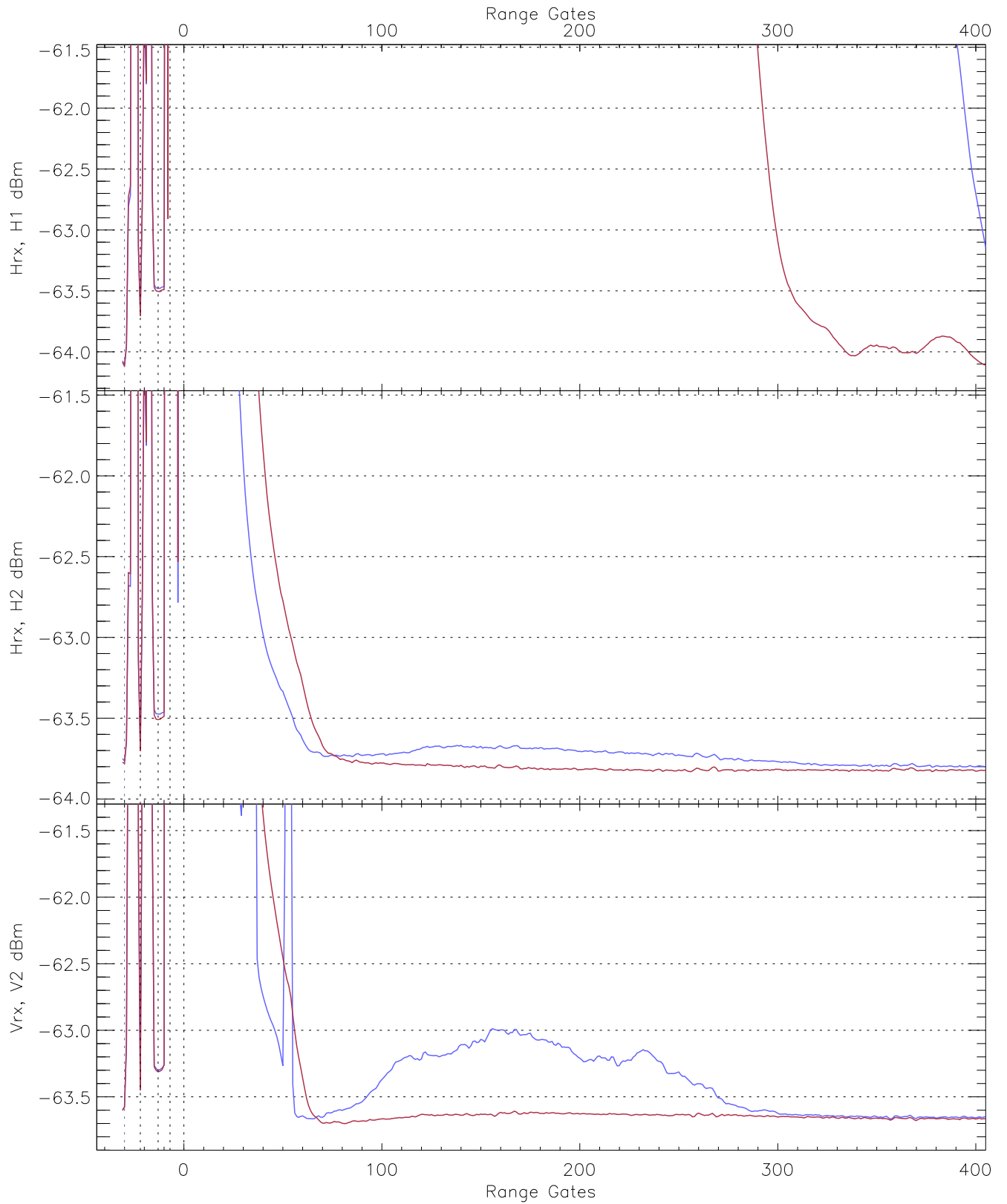
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.39	-61.90	-64.11	-64.12	-76.03
Hrx, H2(RM [dBm])	-64.92	-62.73	-63.77	-63.78	-75.90
Vrx, V2(RM [dBm])	-64.75	-62.58	-63.58	-63.58	-75.66



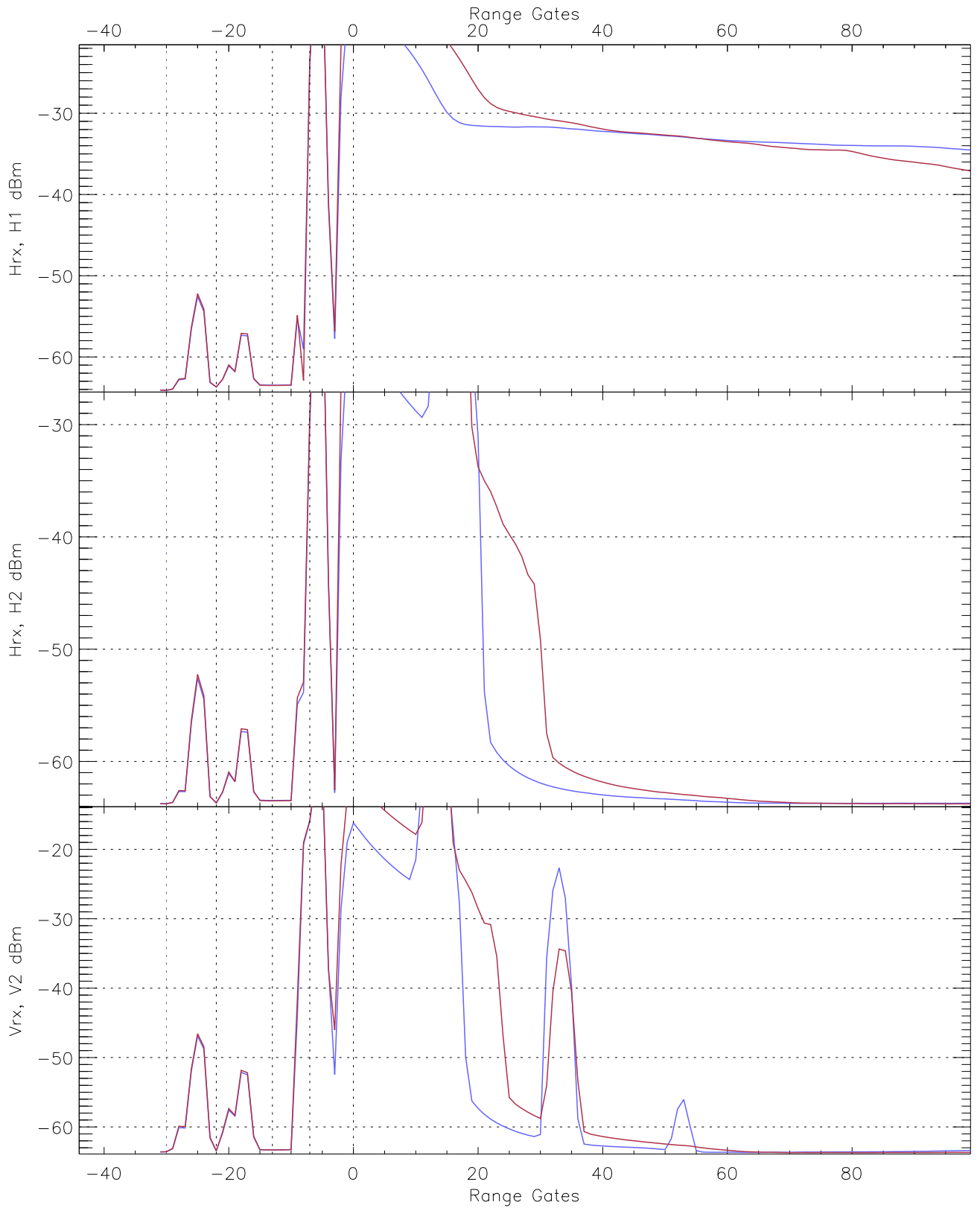
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1HLE_0 [dBm]	-65.25	-63.00	-64.11	-64.12	-76.25
H2RG378_0 [dBm]	-64.86	-62.70	-63.82	-63.82	-75.95
V2RM_0 [dBm]	-64.85	-62.68	-63.68	-63.69	-75.76

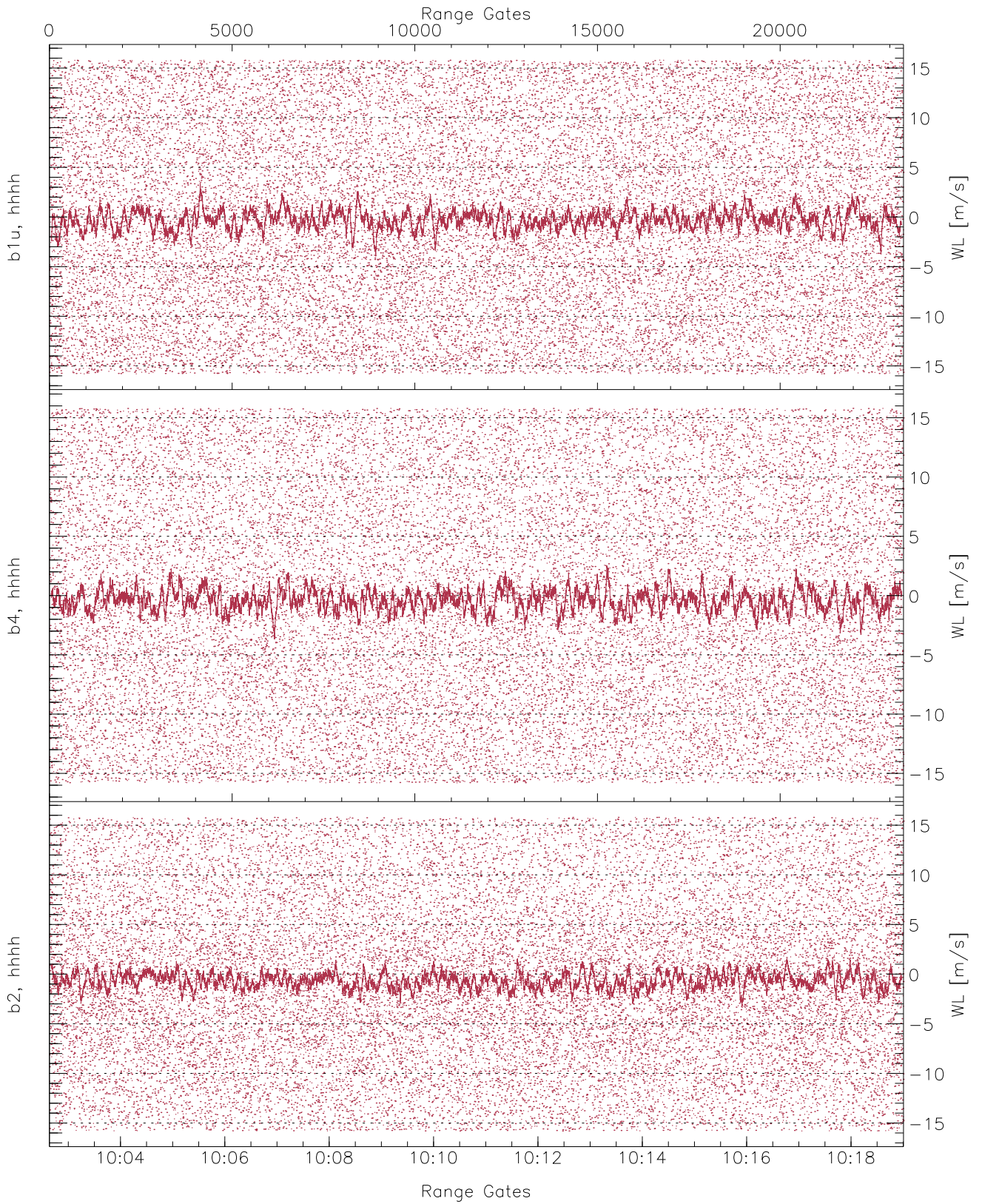


WCR2 CPP Averaged Received power for all recorded gates  
blue: 100238-101049, 11689 profiles averaged  
red: 101049-101900, 11689 profiles averaged

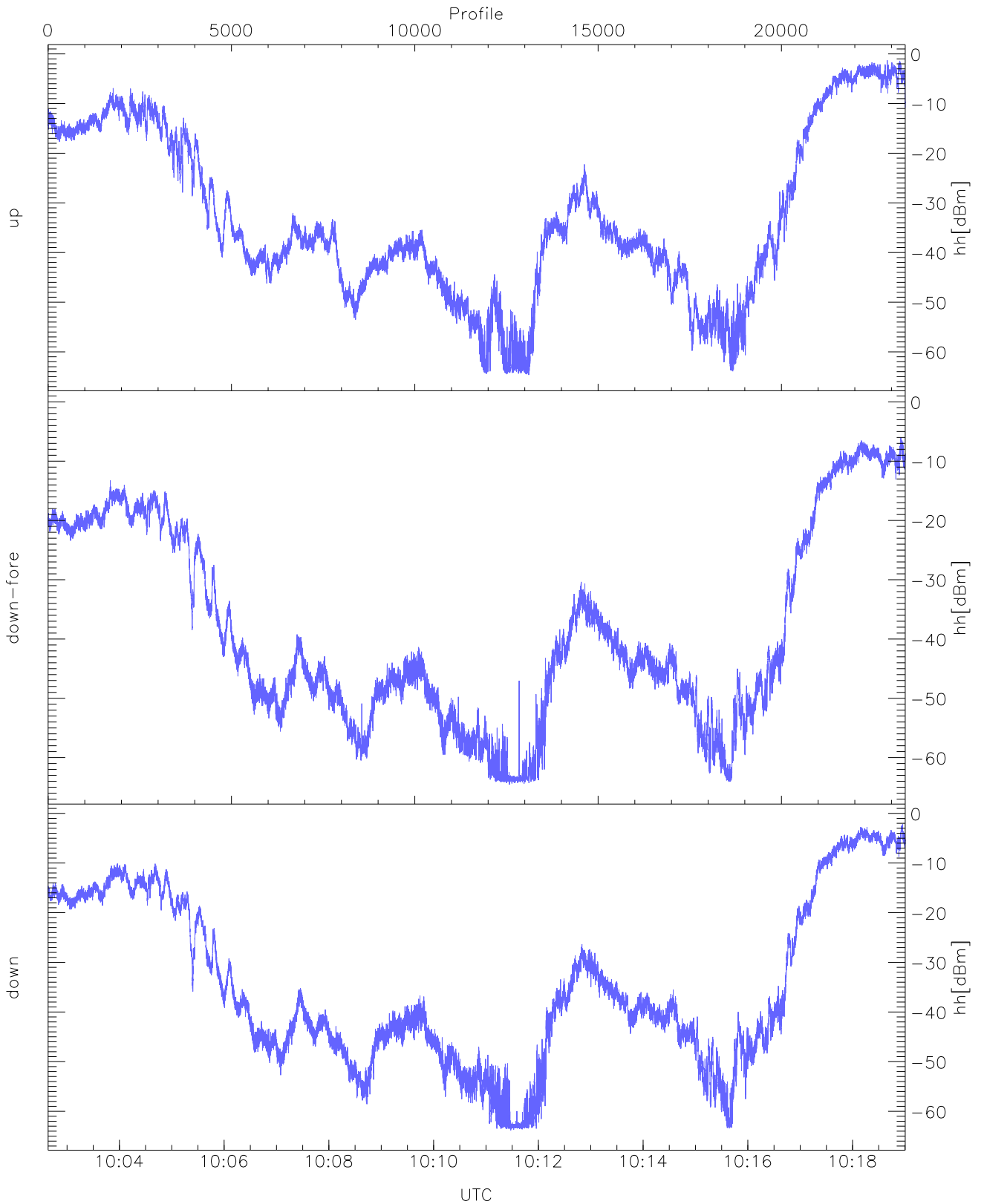




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 100238-101049, 11689 profiles averaged  
red: 101049-101900, 11689 profiles averaged

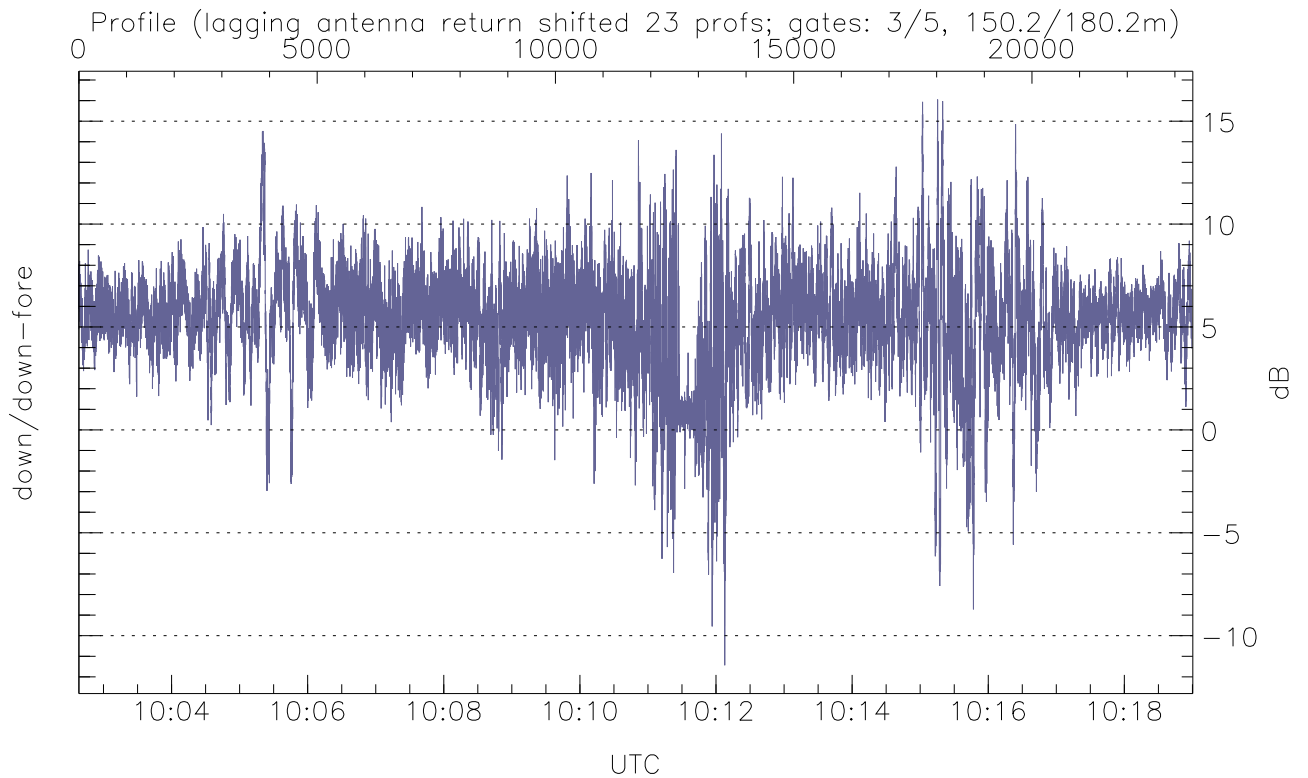
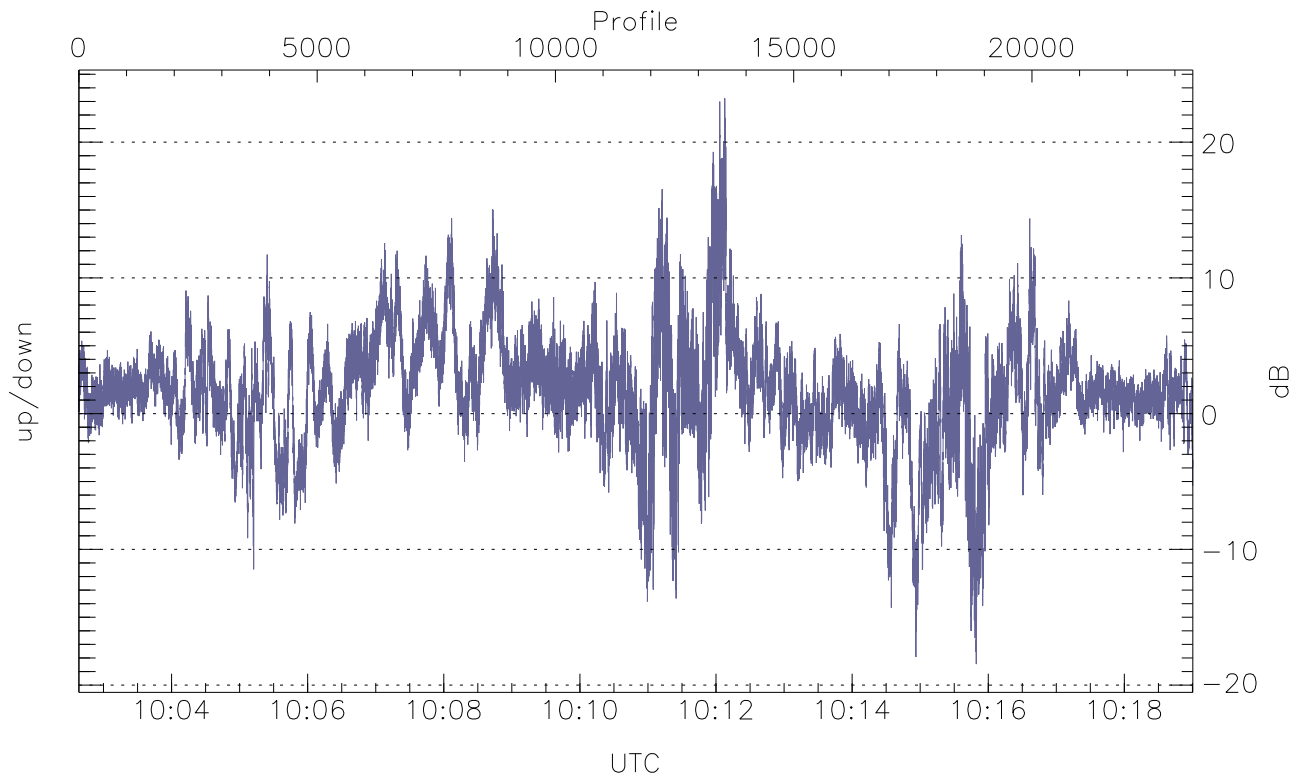


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



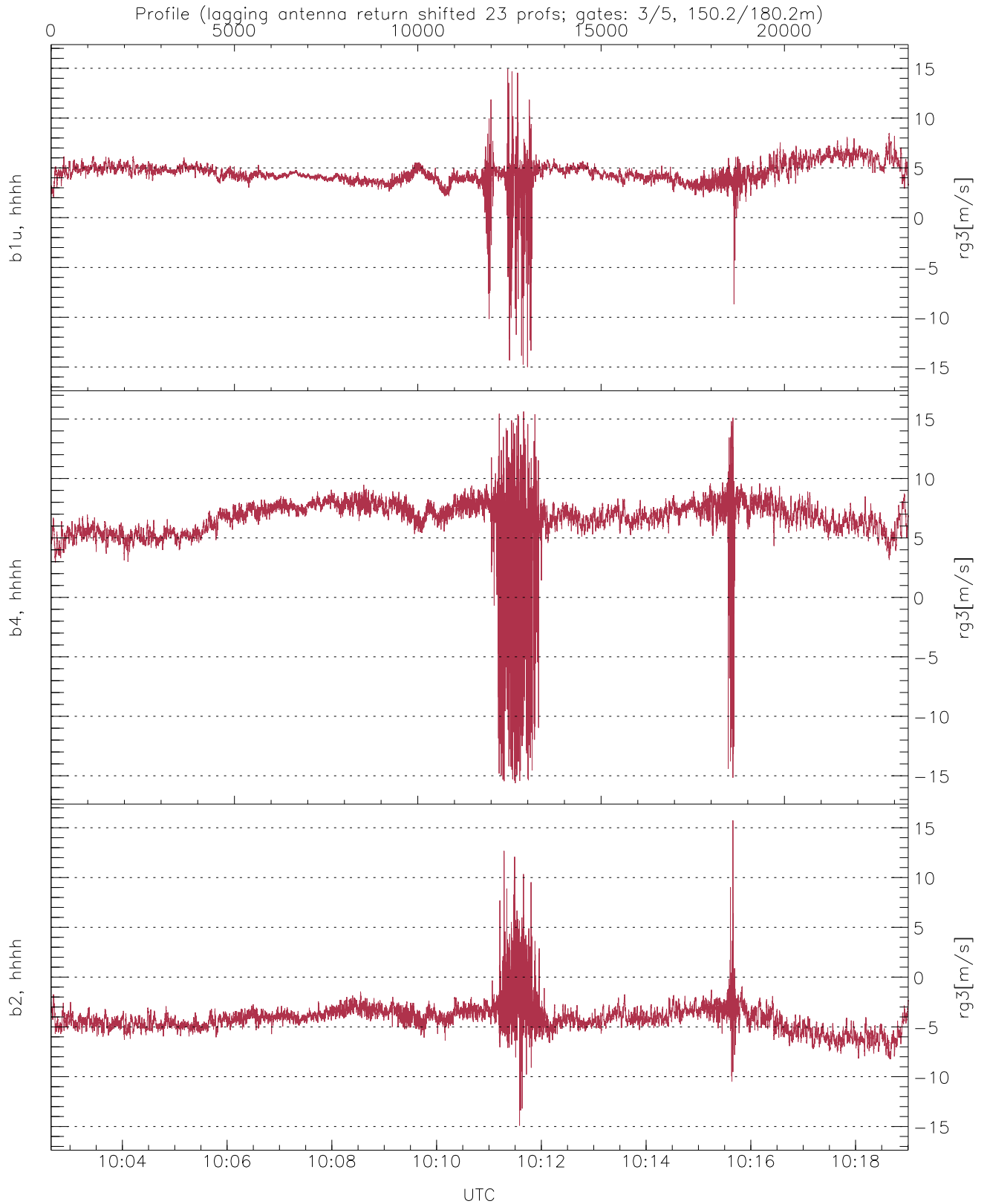
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.67	-1.29	-13.50
down-fore(hh[dBm])	-64.56	-6.06	-18.80
down(hh[dBm])	-63.85	-2.17	-14.86



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-18.45	23.23	1.68
down/down-fore (dB)	-11.44	16.05	5.29



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.00	14.94	4.46	1.19
b4, hhhh(rg3[m/s])	-15.63	15.63	6.53	2.07
b2, hhhh(rg3[m/s])	-14.90	15.73	-4.14	1.34