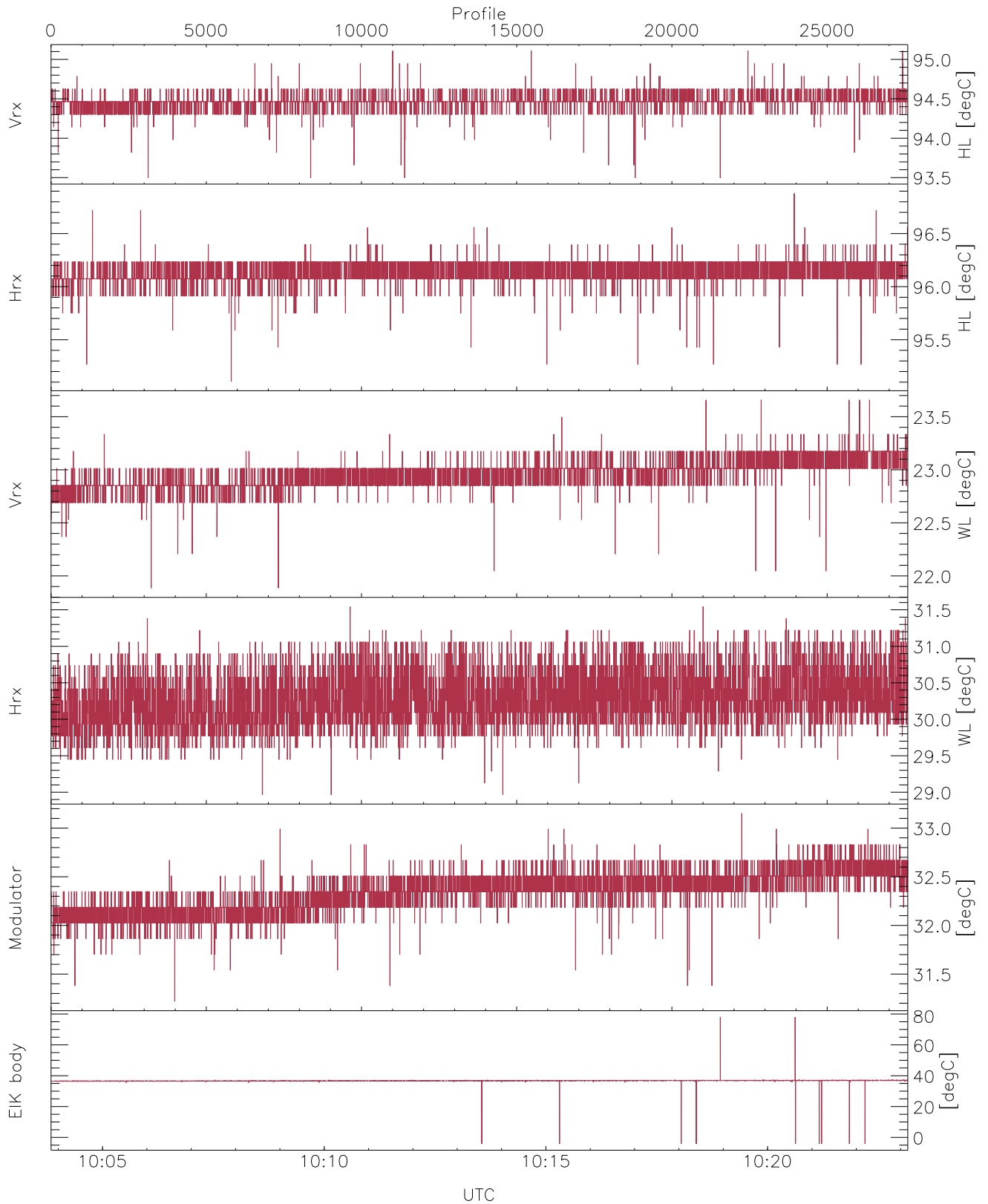


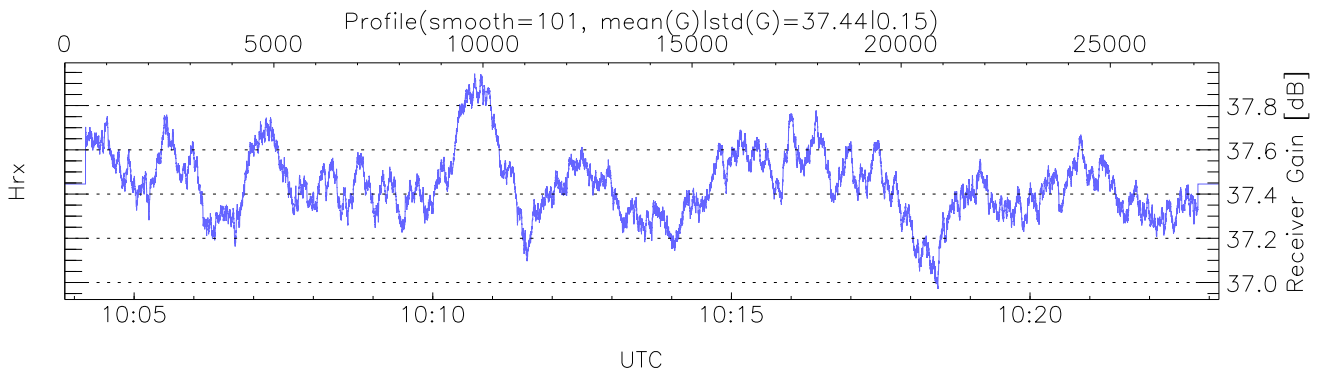
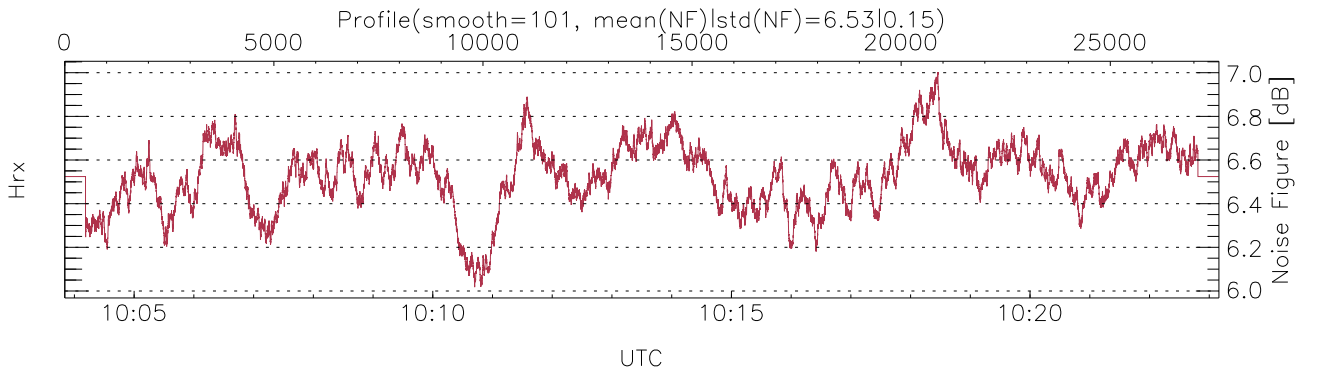
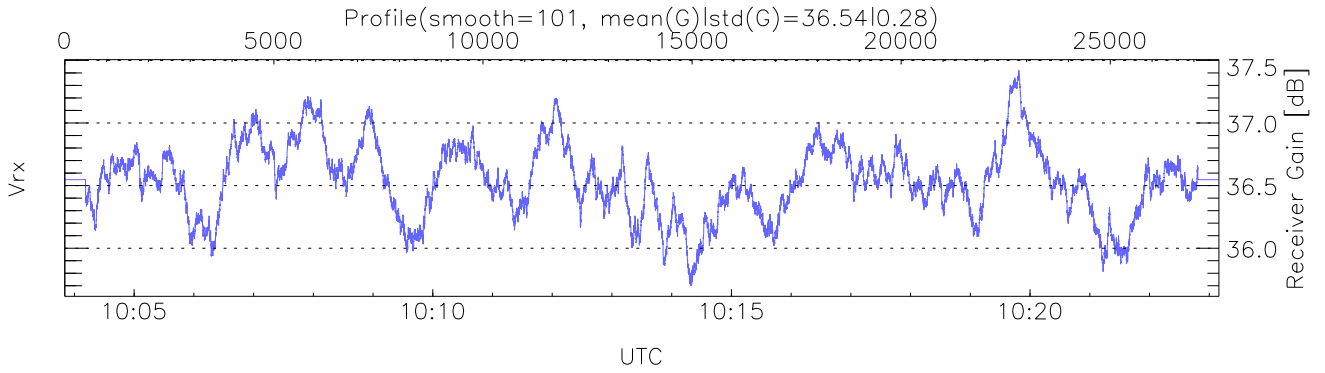
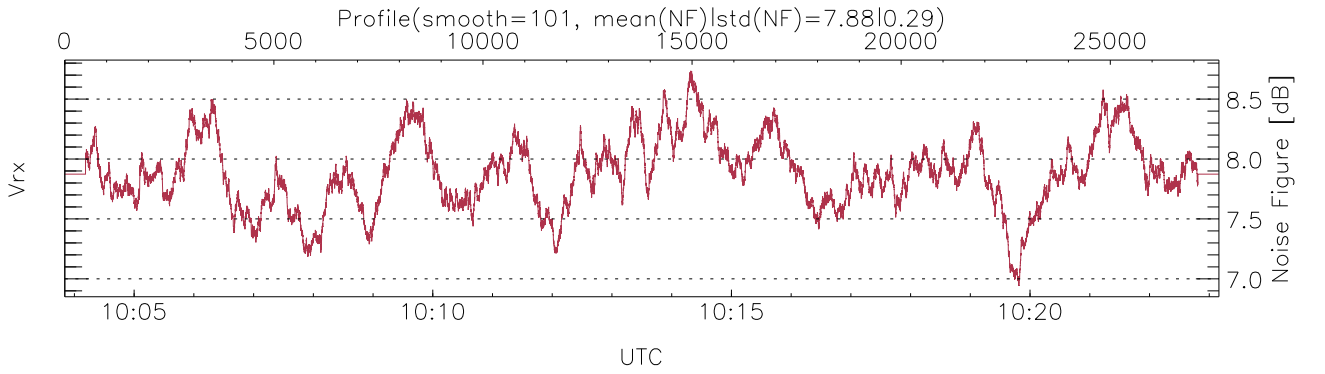
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 10:03:50-10:29:35, Dur: 1544.81s  
 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): 27600/36773, 0-27599/10:03:50-10:23:10  
 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



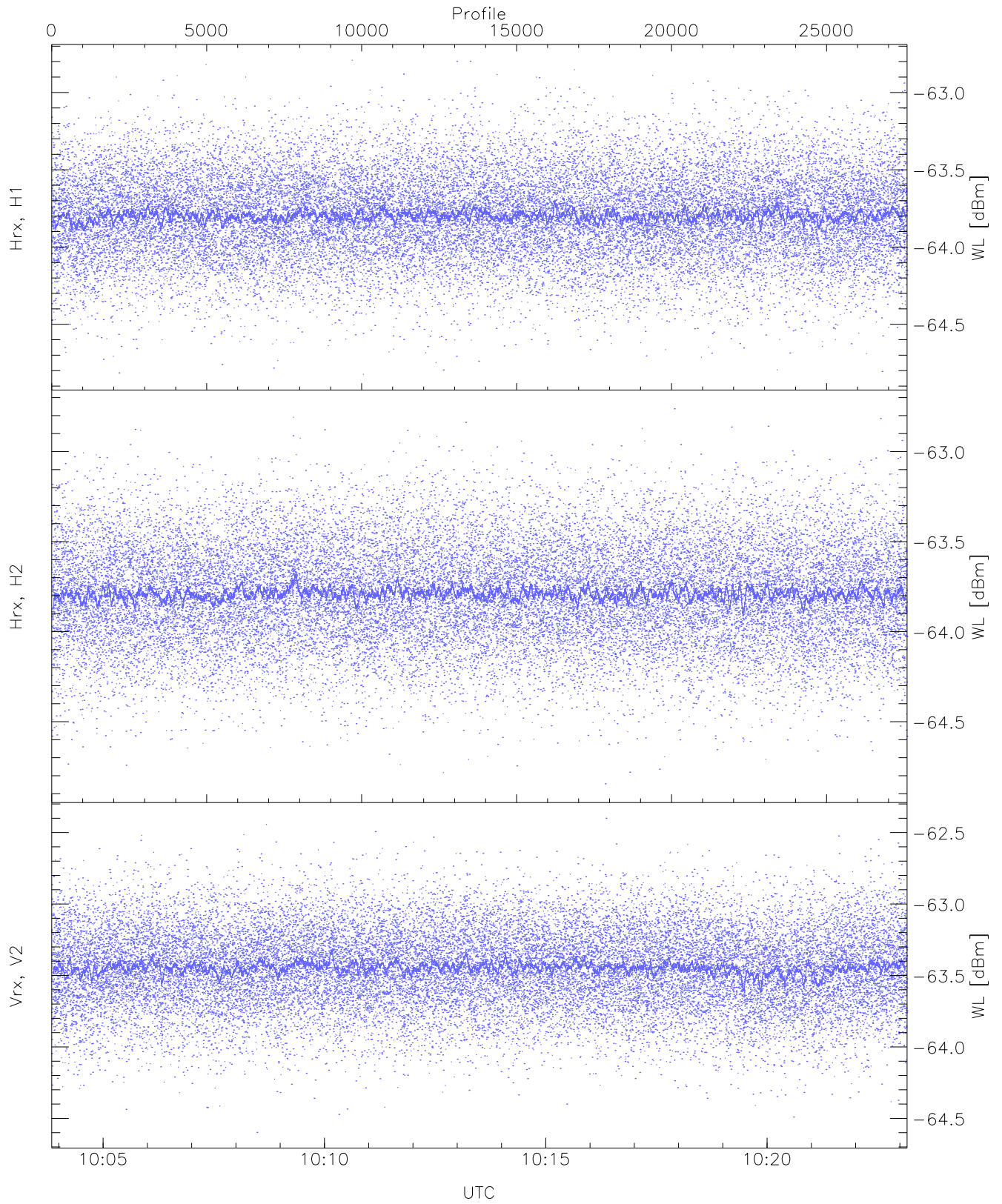
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,28,31,-4`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,96,23,31,33,78`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK/Modulator Faults: None`



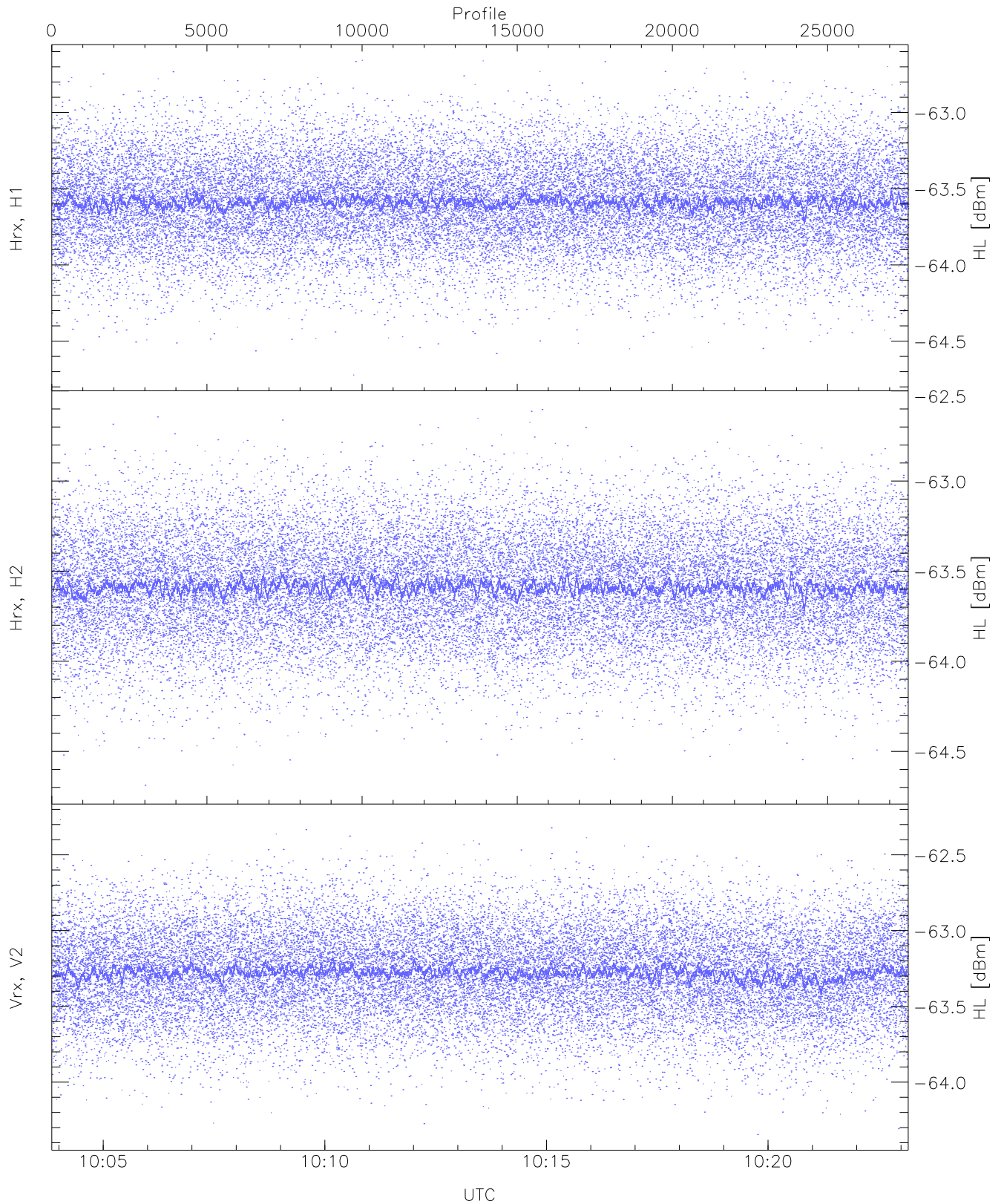
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 40823 pixs, 51 gates, 24669 profs, 2 prods



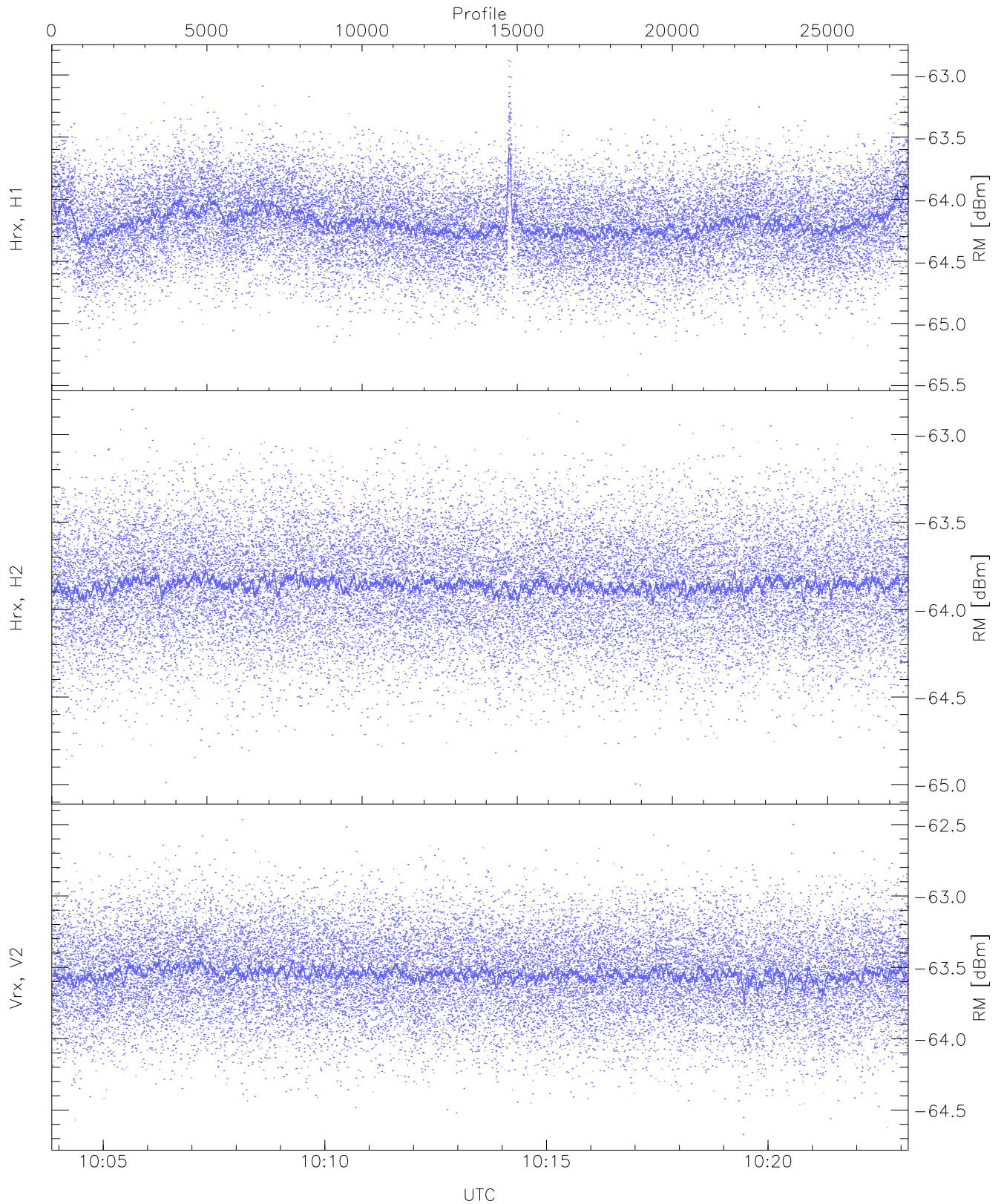
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.82	-62.79	-63.79	-63.80	-75.93
Hrx, H2(WL [dBm])	-64.84	-62.76	-63.78	-63.79	-75.91
Vrx, V2(WL [dBm])	-64.60	-62.40	-63.44	-63.45	-75.52



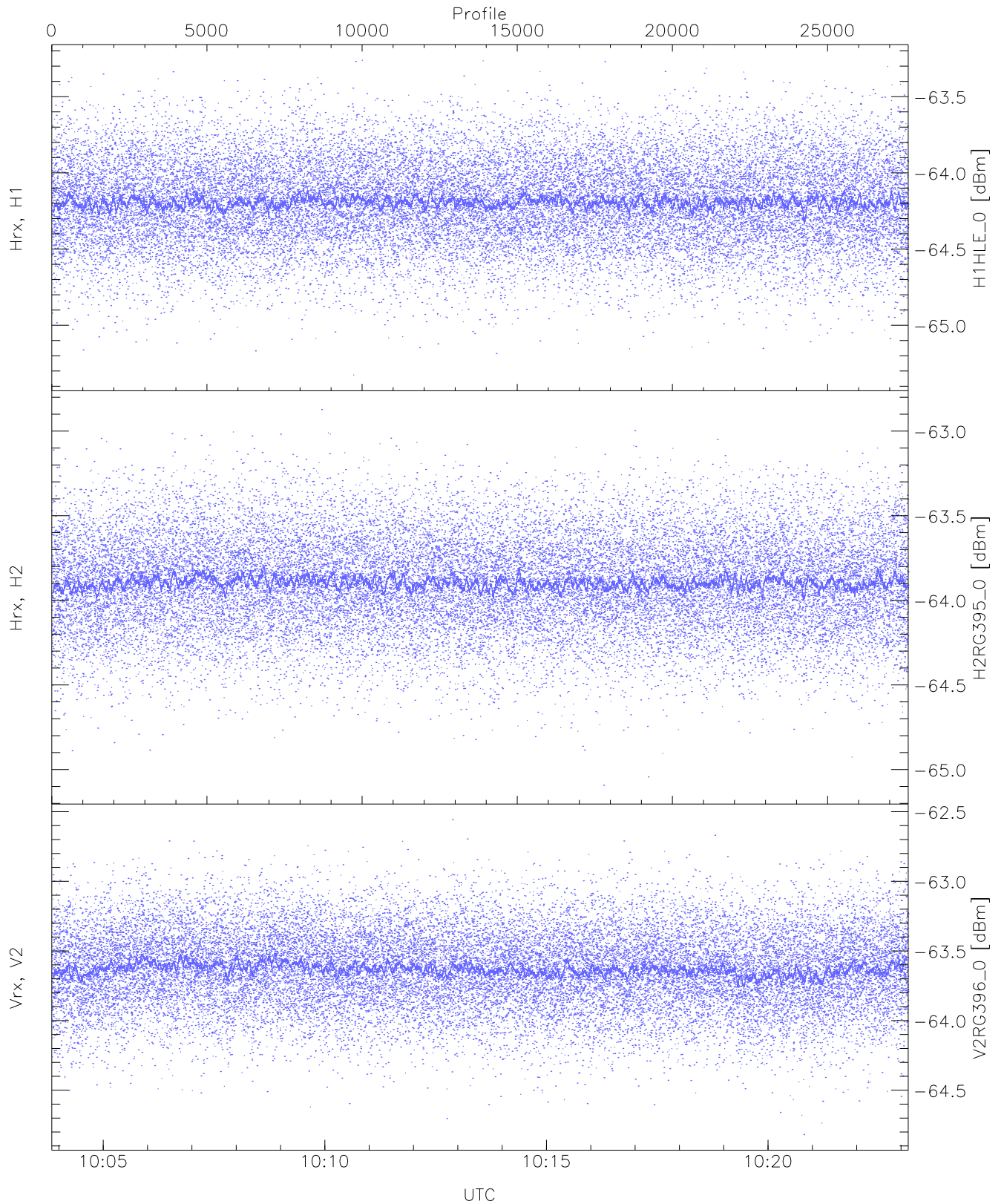
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.72	-62.66	-63.58	-63.59	-75.72
Hrx, H2 (HL [dBm])	-64.69	-62.60	-63.58	-63.59	-75.73
Vrx, V2 (HL [dBm])	-64.35	-62.27	-63.28	-63.28	-75.42



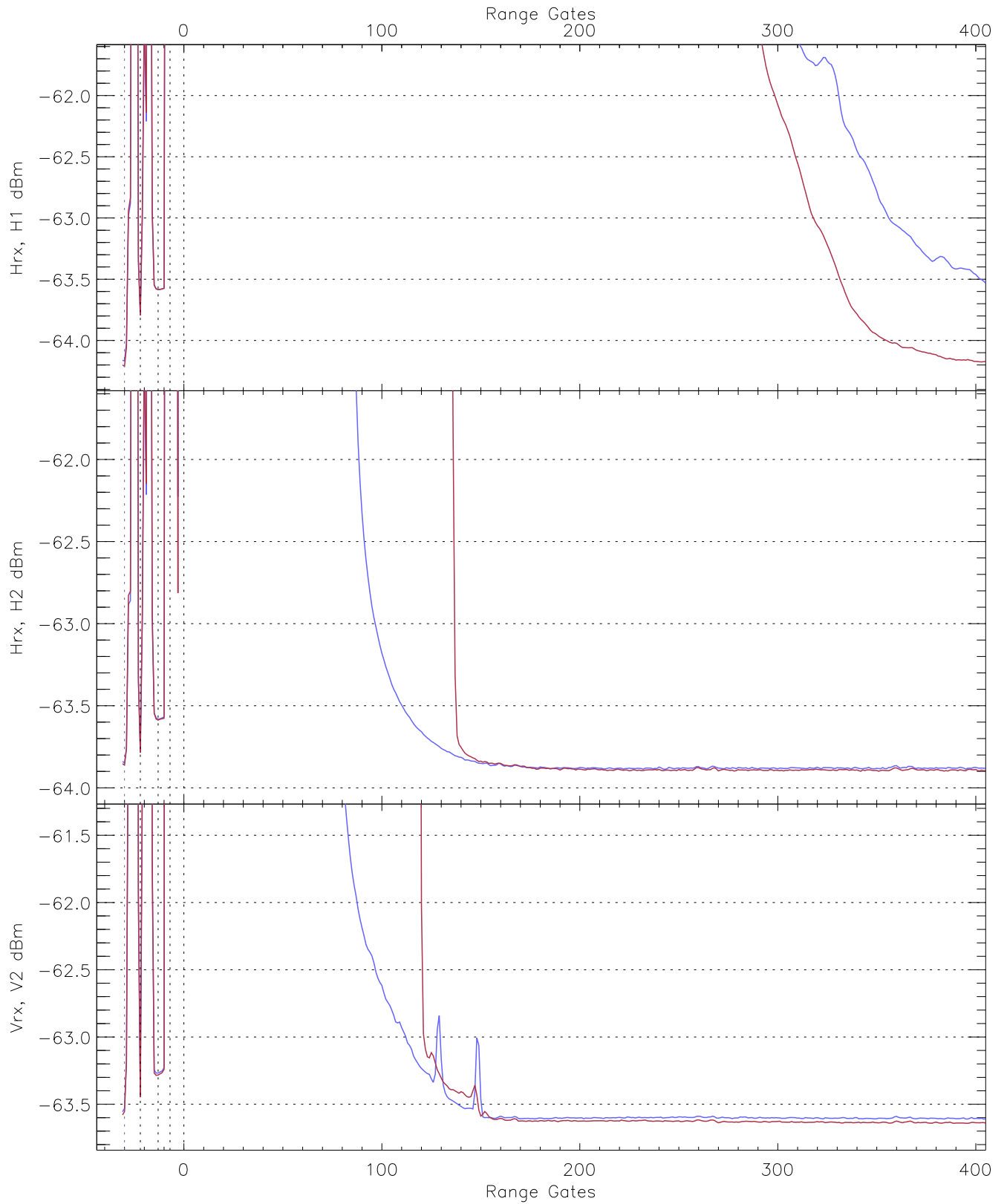
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.42	-62.88	-64.19	-64.20	-76.10
Hrx, H2 (RM [dBm])	-65.00	-62.86	-63.85	-63.86	-75.94
Vrx, V2 (RM [dBm])	-64.67	-62.47	-63.54	-63.55	-75.62



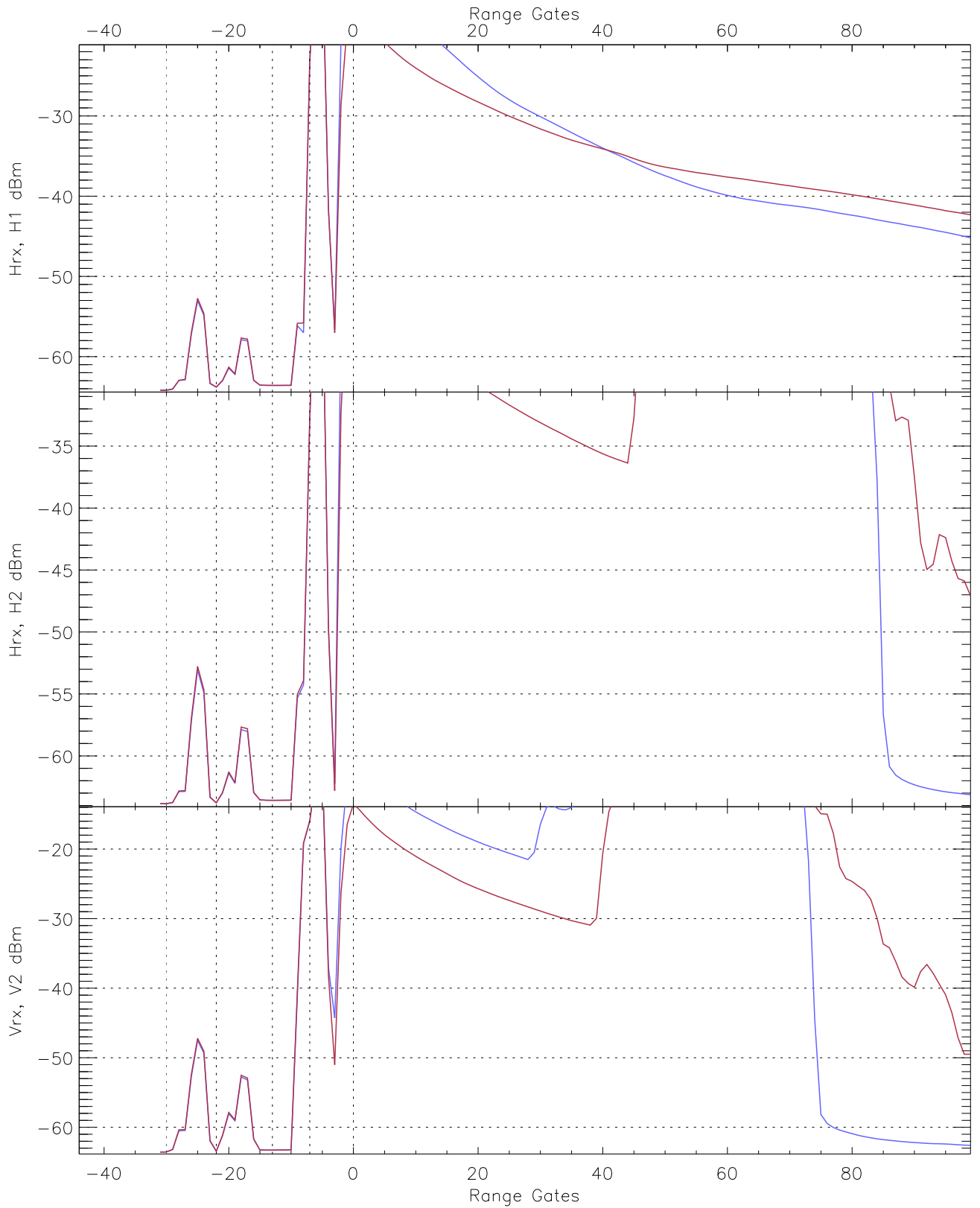
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1HLE_0 [dBm]	-65.33	-63.26	-64.19	-64.19	-76.32
H2RG395_0 [dBm]	-65.09	-62.87	-63.89	-63.90	-76.04
V2RG396_0 [dBm]	-64.82	-62.56	-63.63	-63.63	-75.72

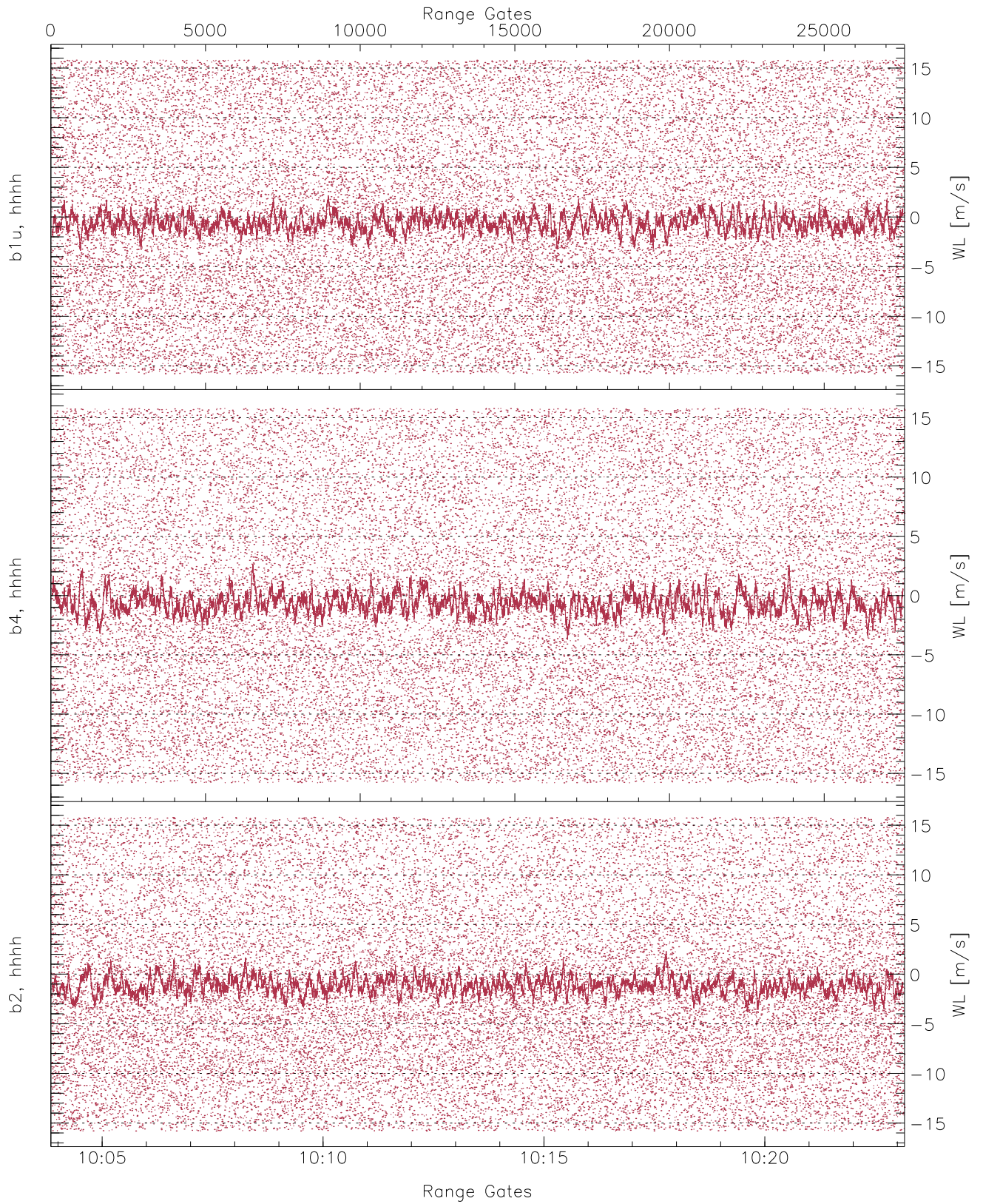


WCR2 CPP Averaged Received power for all recorded gates  
blue: 100350-101330, 13801 profiles averaged  
red: 101330-102310, 13800 profiles averaged

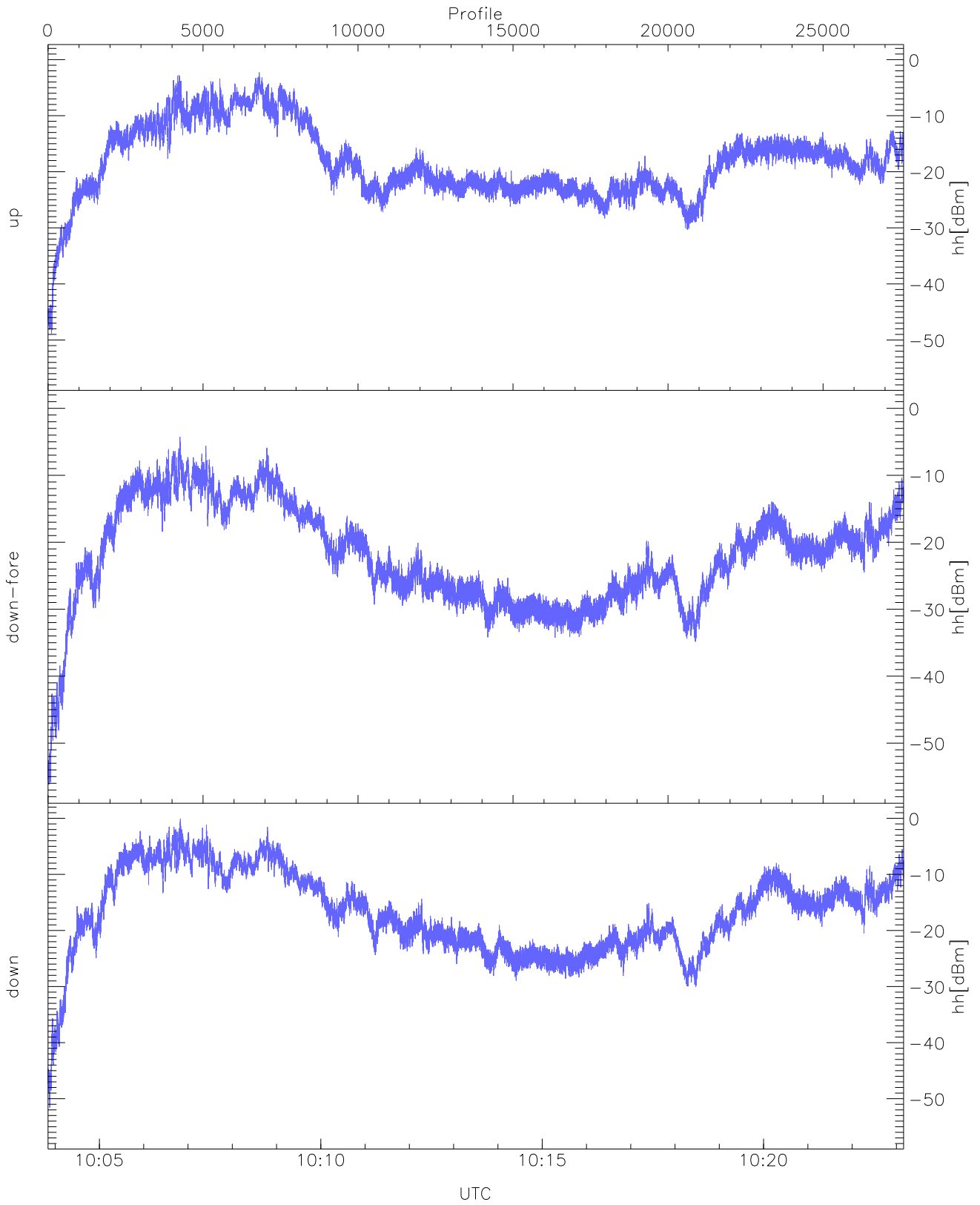




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 100350-101330, 13801 profiles averaged  
red: 101330-102310, 13800 profiles averaged

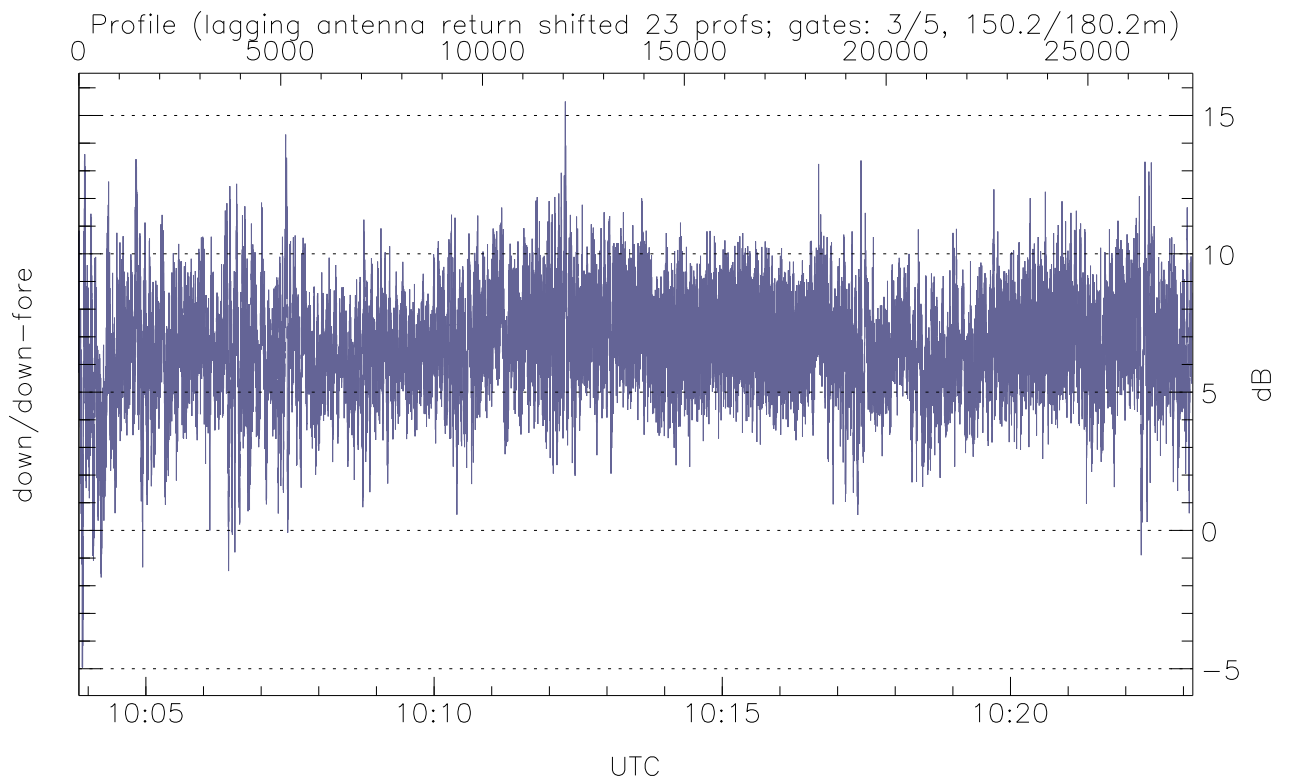
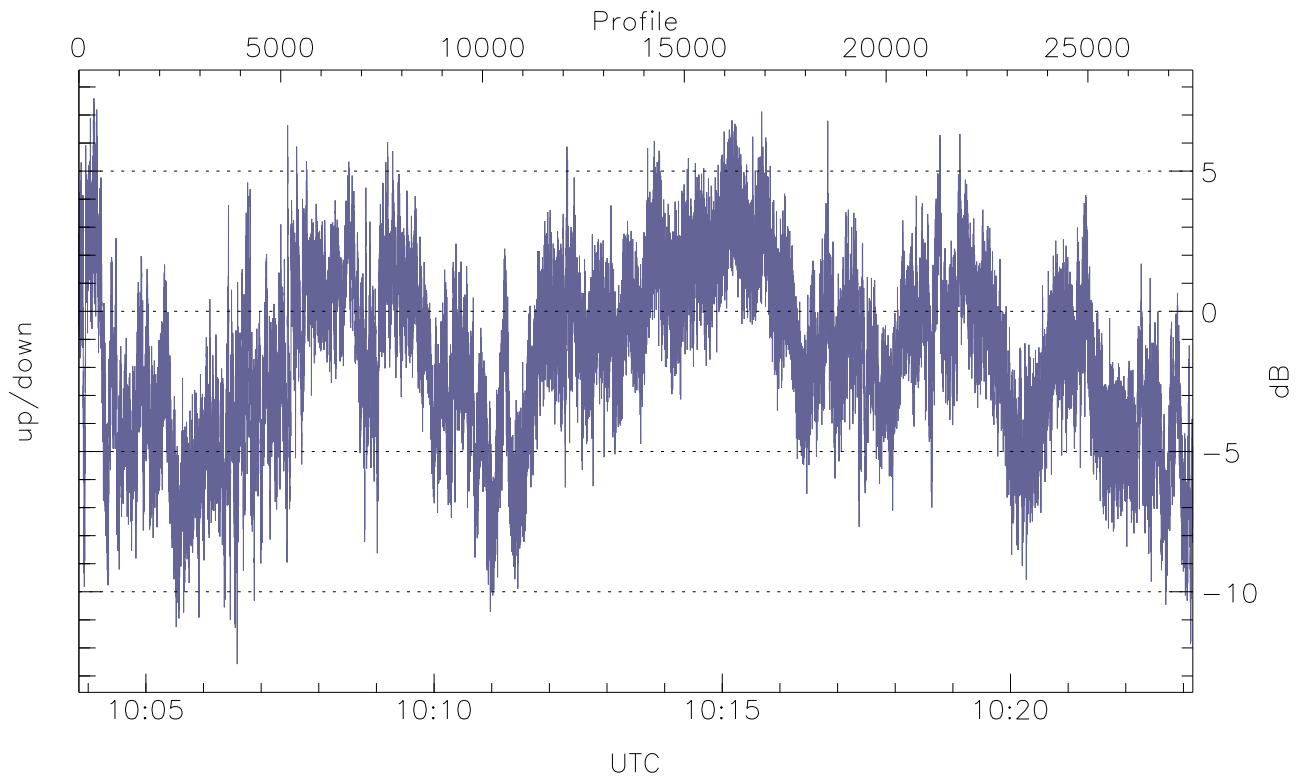


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



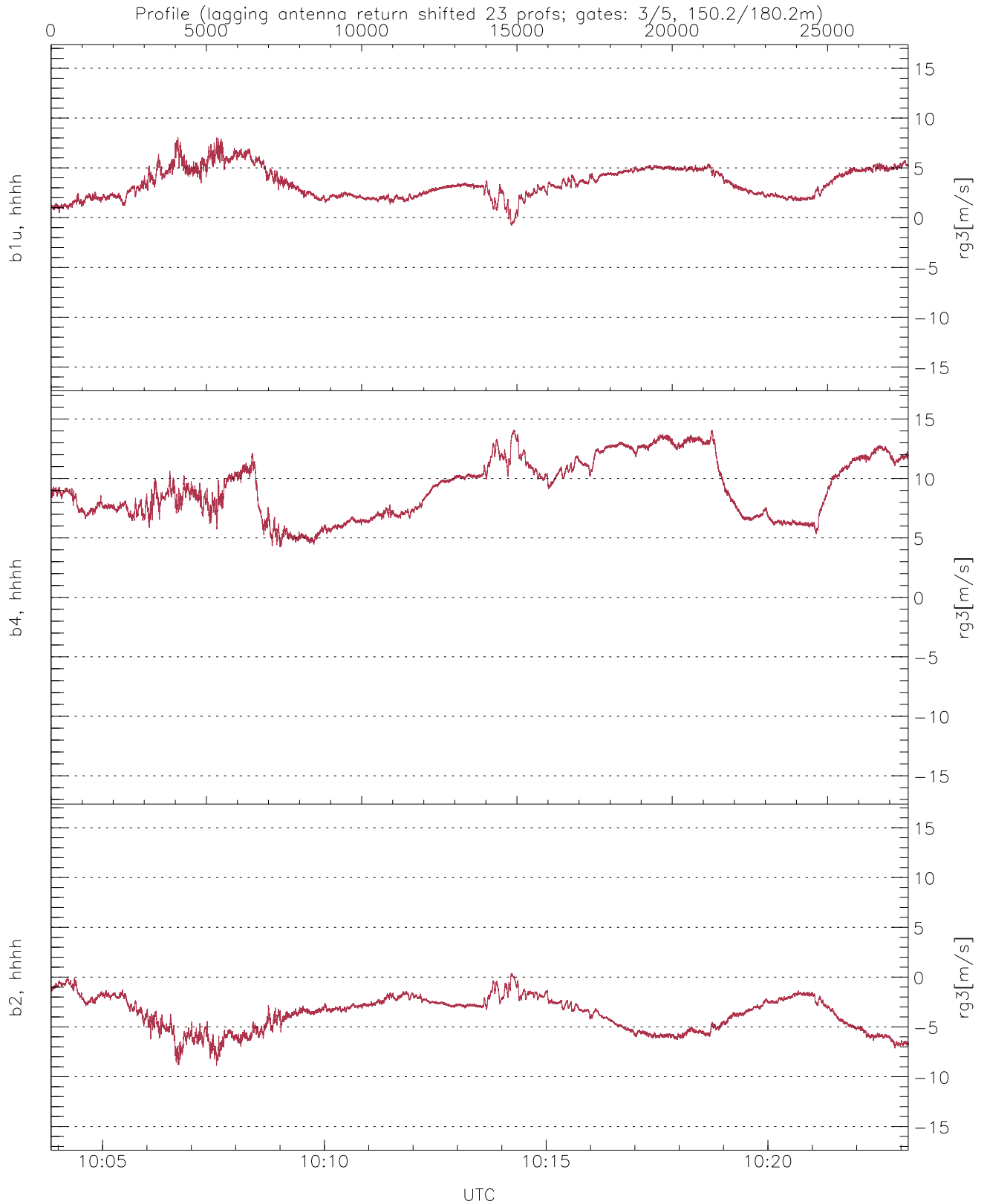
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh [dBm])	-48.83	-2.27	-14.02
down-fore(hh [dBm])	-56.17	-4.25	-16.98
down(hh [dBm])	-51.59	-0.11	-12.07



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-12.58	7.59	-1.61
down/down-fore (dB)	-4.95	15.51	6.68



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
$b1u, hhhh(rg3[m/s])$	-0.80	8.09	3.44	1.48
$b4, hhhh(rg3[m/s])$	4.22	14.10	9.19	2.52
$b2, hhhh(rg3[m/s])$	-8.88	0.39	-3.68	1.72