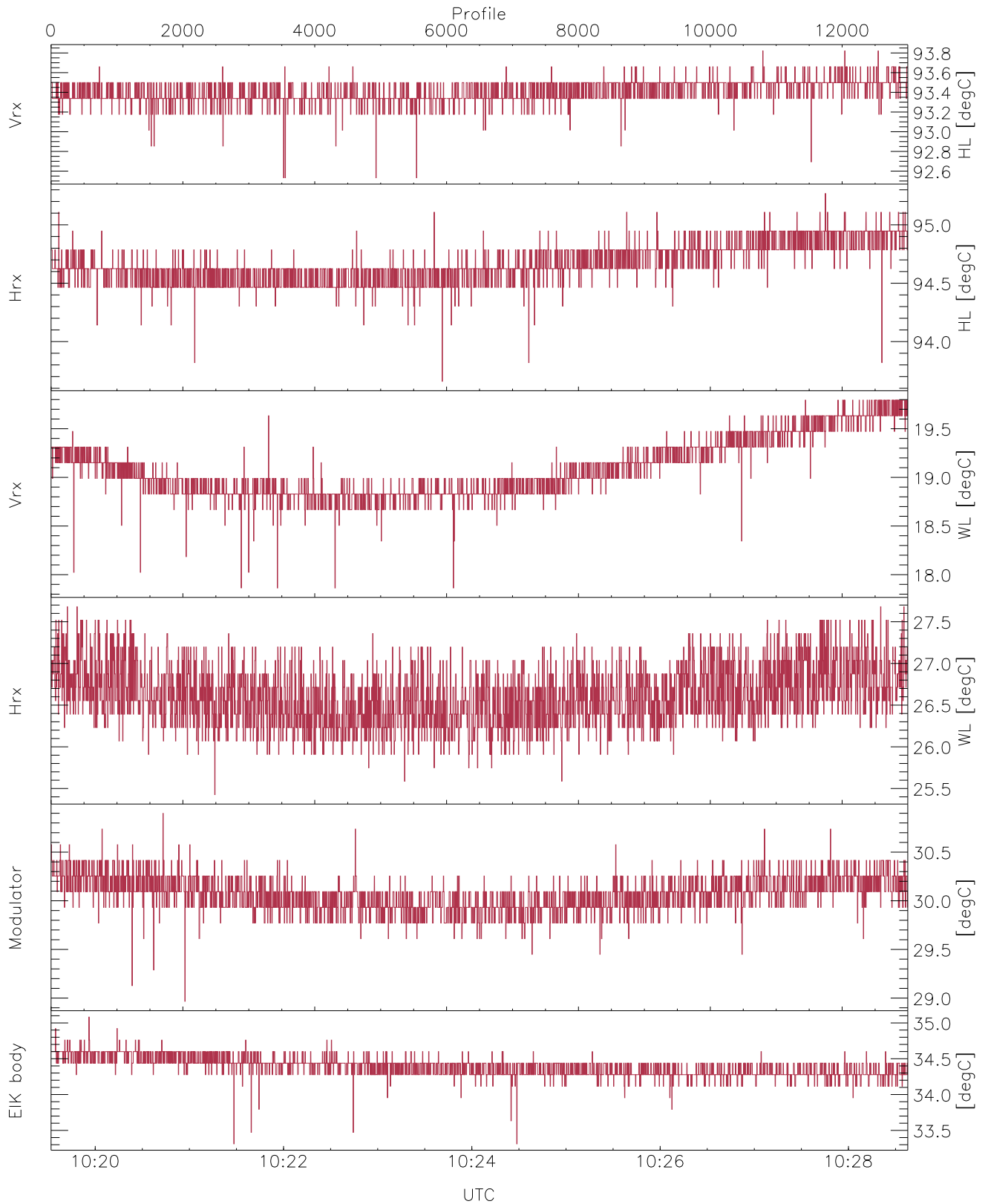


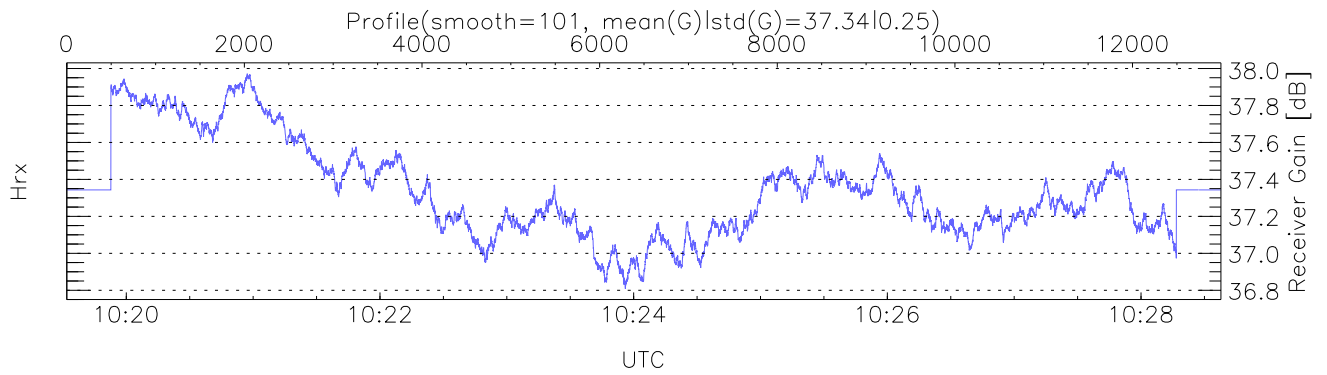
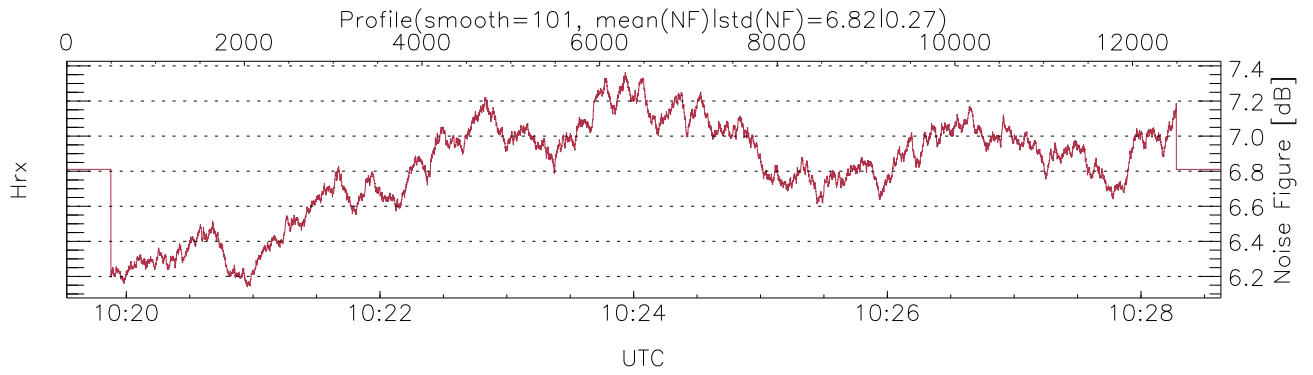
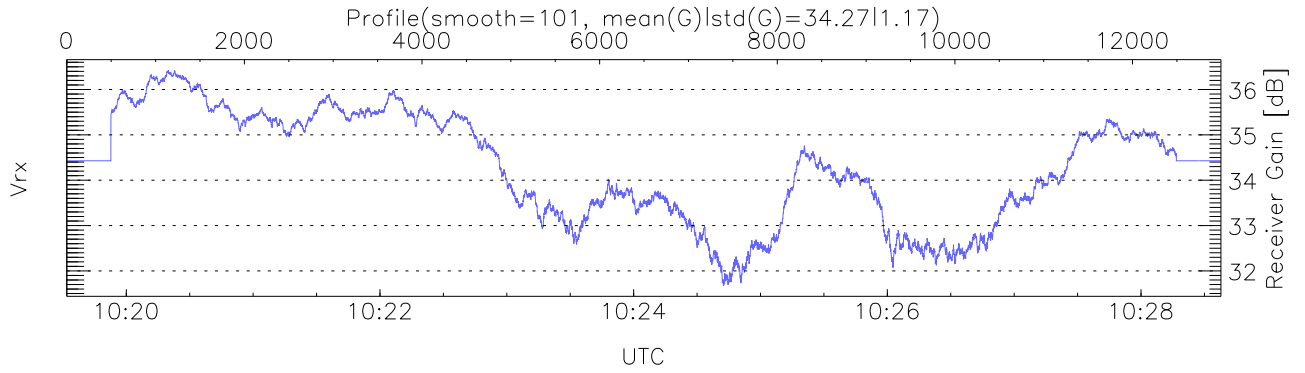
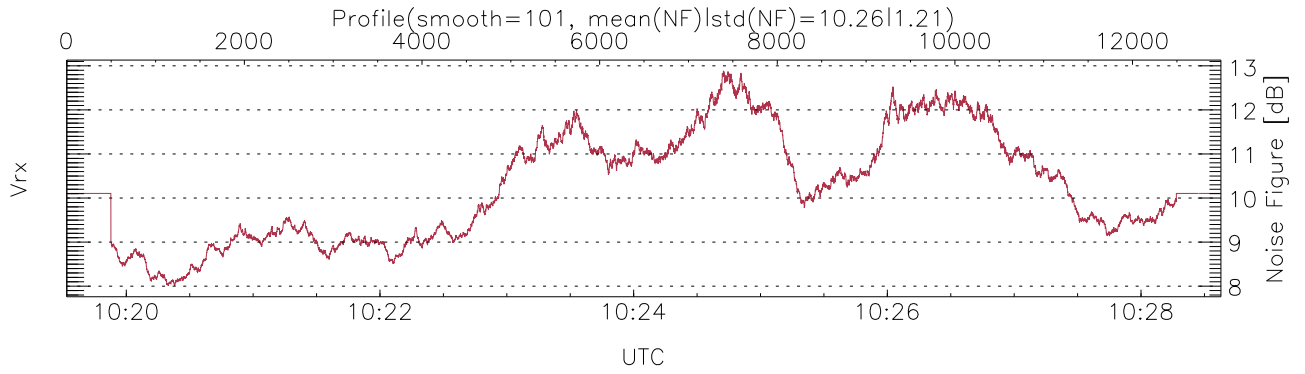
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 10:19:32-10:28:38, Dur: 545.97s  
 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): 12997/12997, 0-12996/10:19:32-10:28:38  
 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



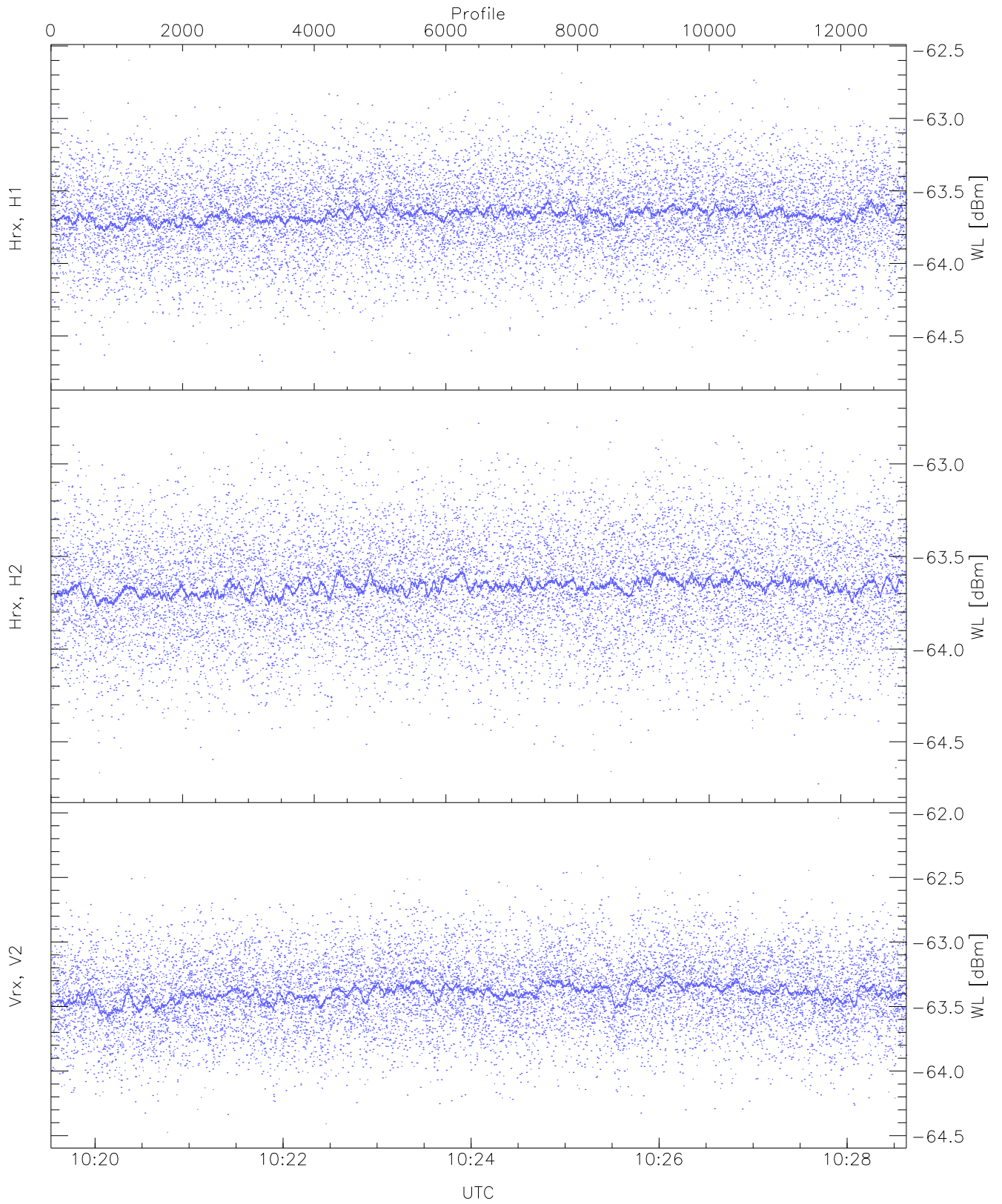
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,25,28,33`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,19,27,30,35`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK/Modulator Faults: None`



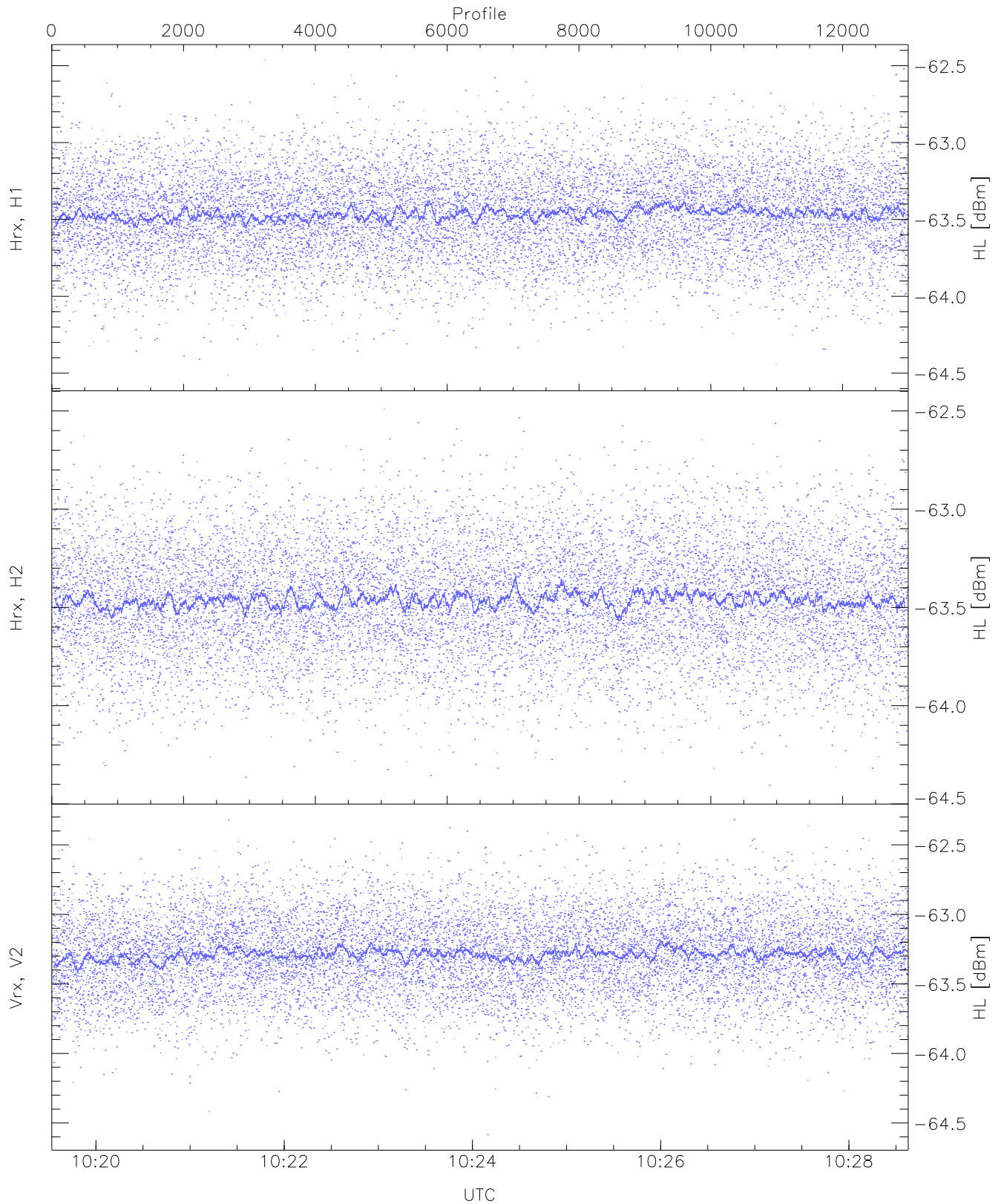
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 663 pixs, 12 gates, 364 profs, 1 prods



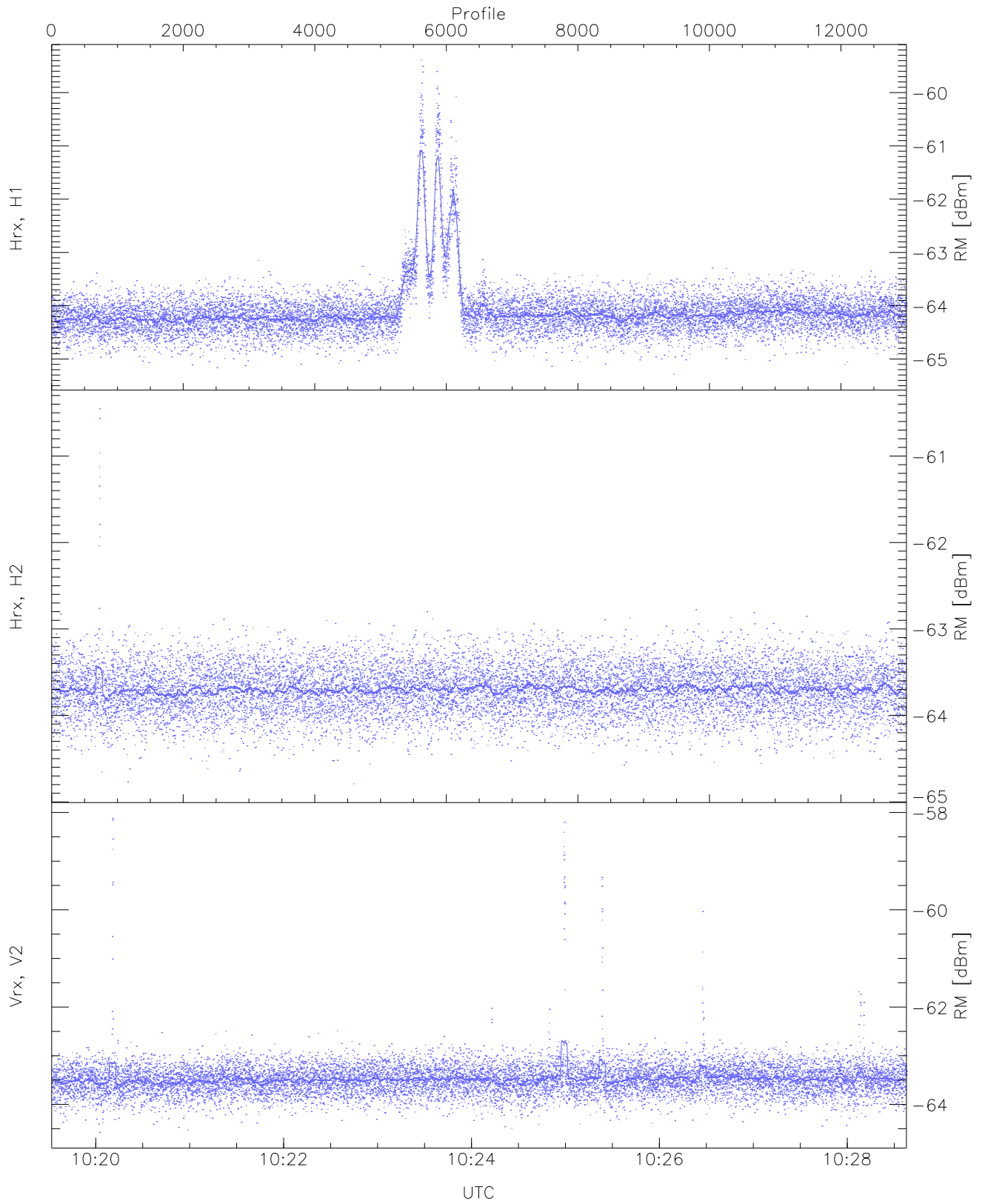
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.76	-62.60	-63.66	-63.66	-75.80
Hrx, H2 (WL [dBm])	-64.73	-62.70	-63.66	-63.66	-75.79
Vrx, V2 (WL [dBm])	-64.47	-62.04	-63.39	-63.40	-75.38



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

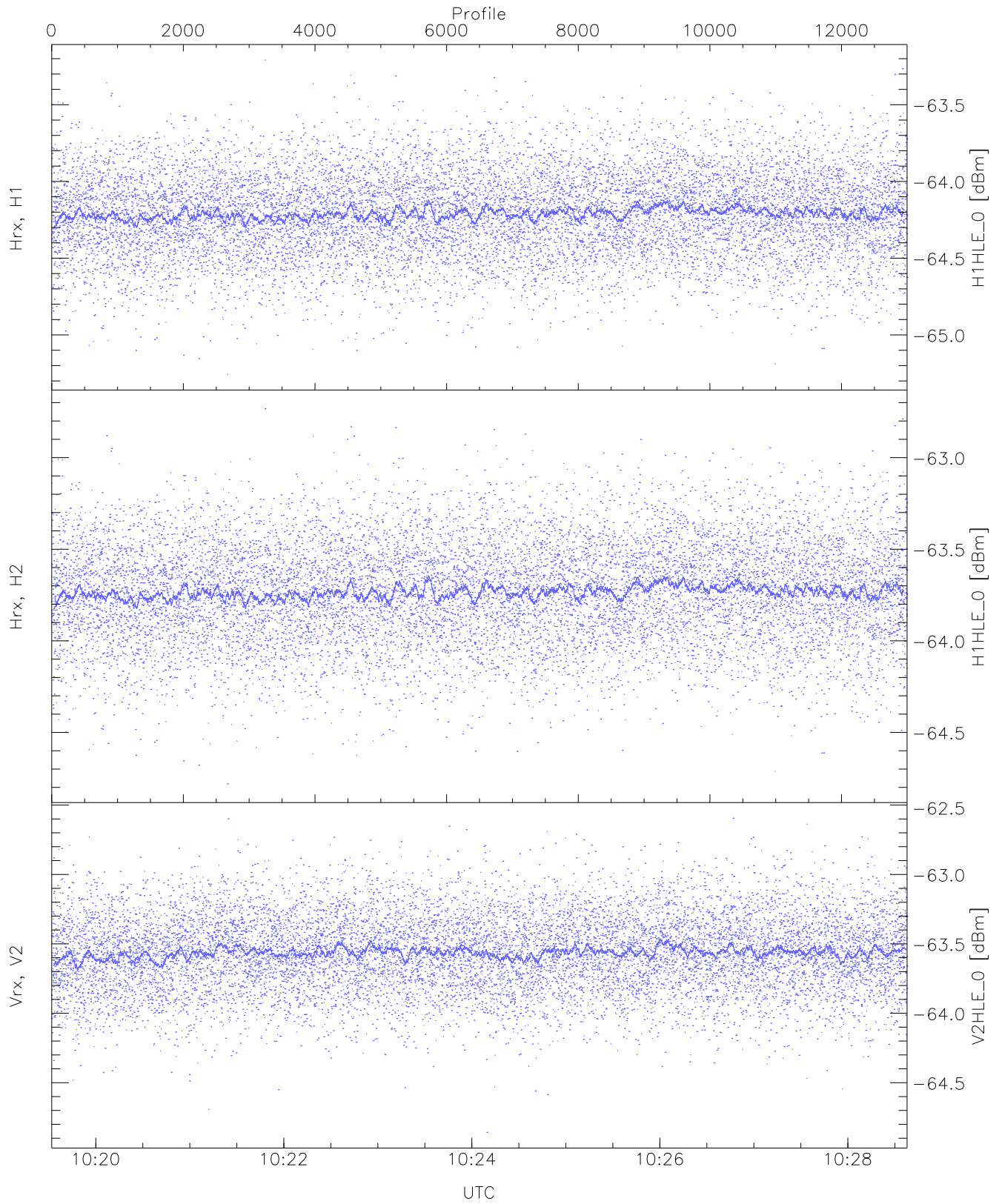
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.51	-62.46	-63.46	-63.46	-75.63
Hrx, H2 (HL [dBm])	-64.40	-62.49	-63.46	-63.46	-75.61
Vrx, V2 (HL [dBm])	-64.58	-62.32	-63.28	-63.29	-75.41



WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

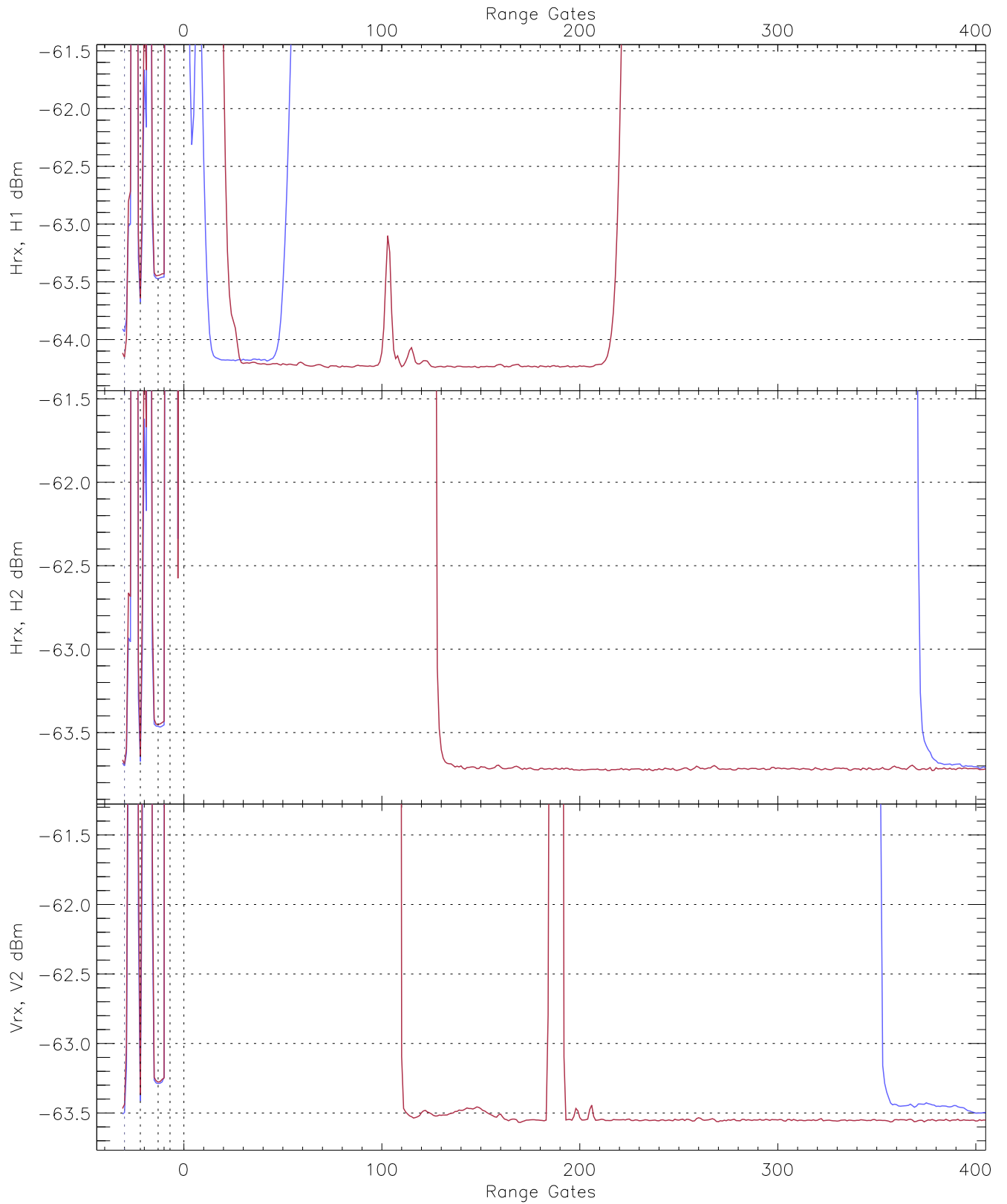
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.29	-59.39	-64.04	-64.17	-71.79
Hrx, H2 (RM [dBm])	-64.79	-60.45	-63.69	-63.70	-75.57
Vrx, V2 (RM [dBm])	-64.58	-58.12	-63.47	-63.49	-73.30





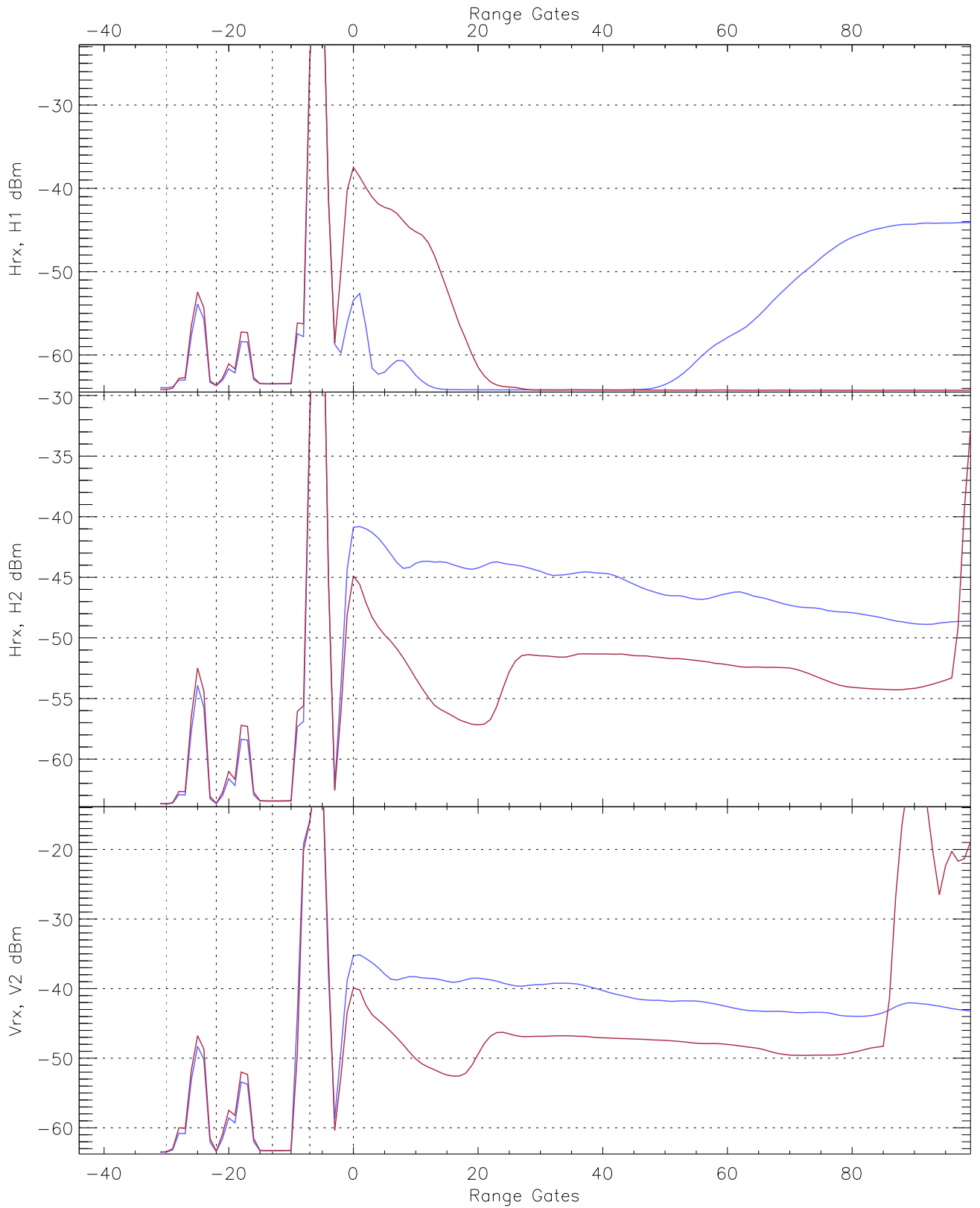
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1HLE_0 [dBm]	-65.26	-63.21	-64.20	-64.21	-76.37
H1HLE_0 [dBm]	-64.78	-62.73	-63.73	-63.73	-75.90
V2HLE_0 [dBm]	-64.86	-62.60	-63.56	-63.57	-75.68

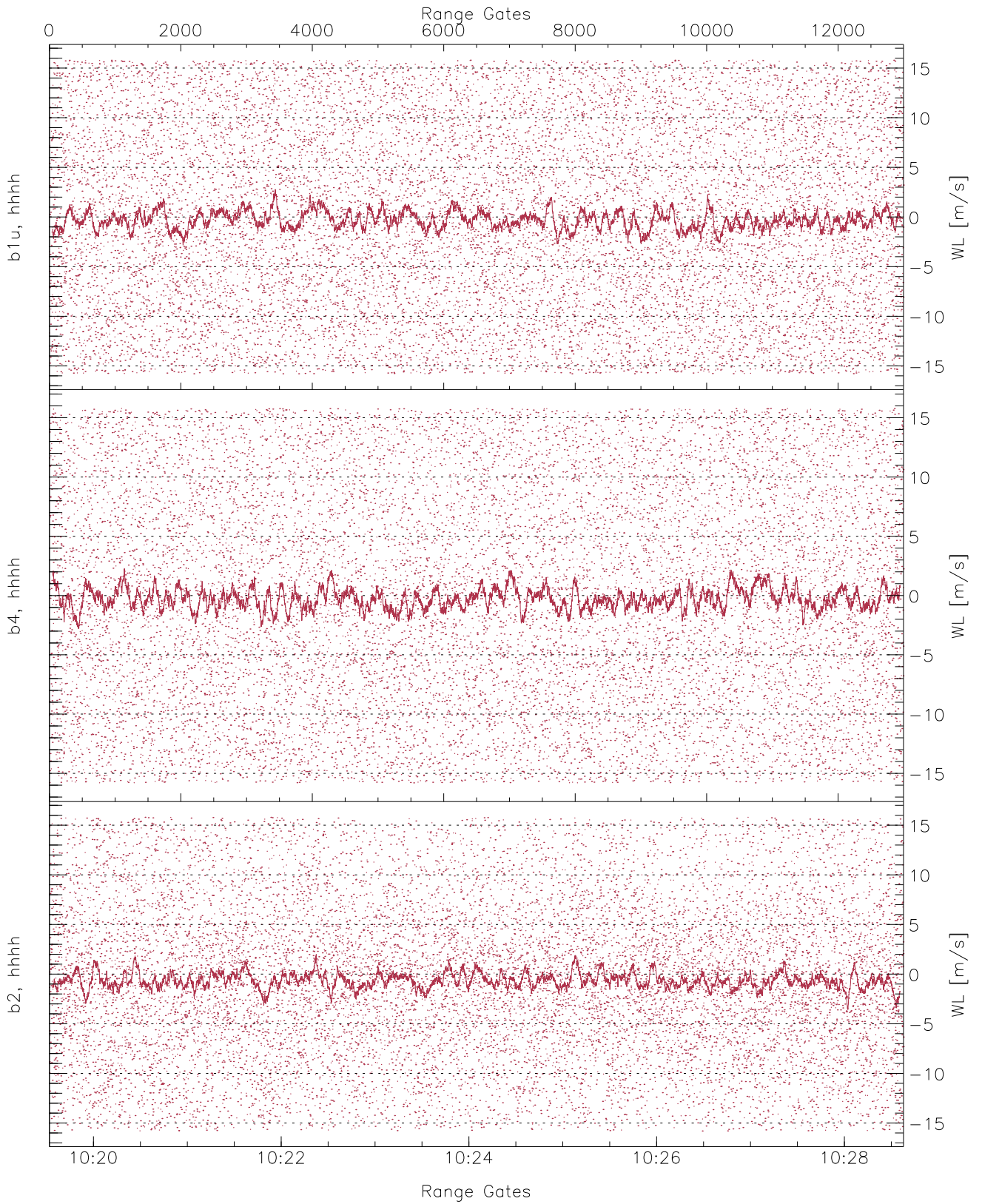


WCR2 CPP Averaged Received power for all recorded gates  
blue: 101932-102405, 6499 profiles averaged  
red: 102405-102838, 6499 profiles averaged

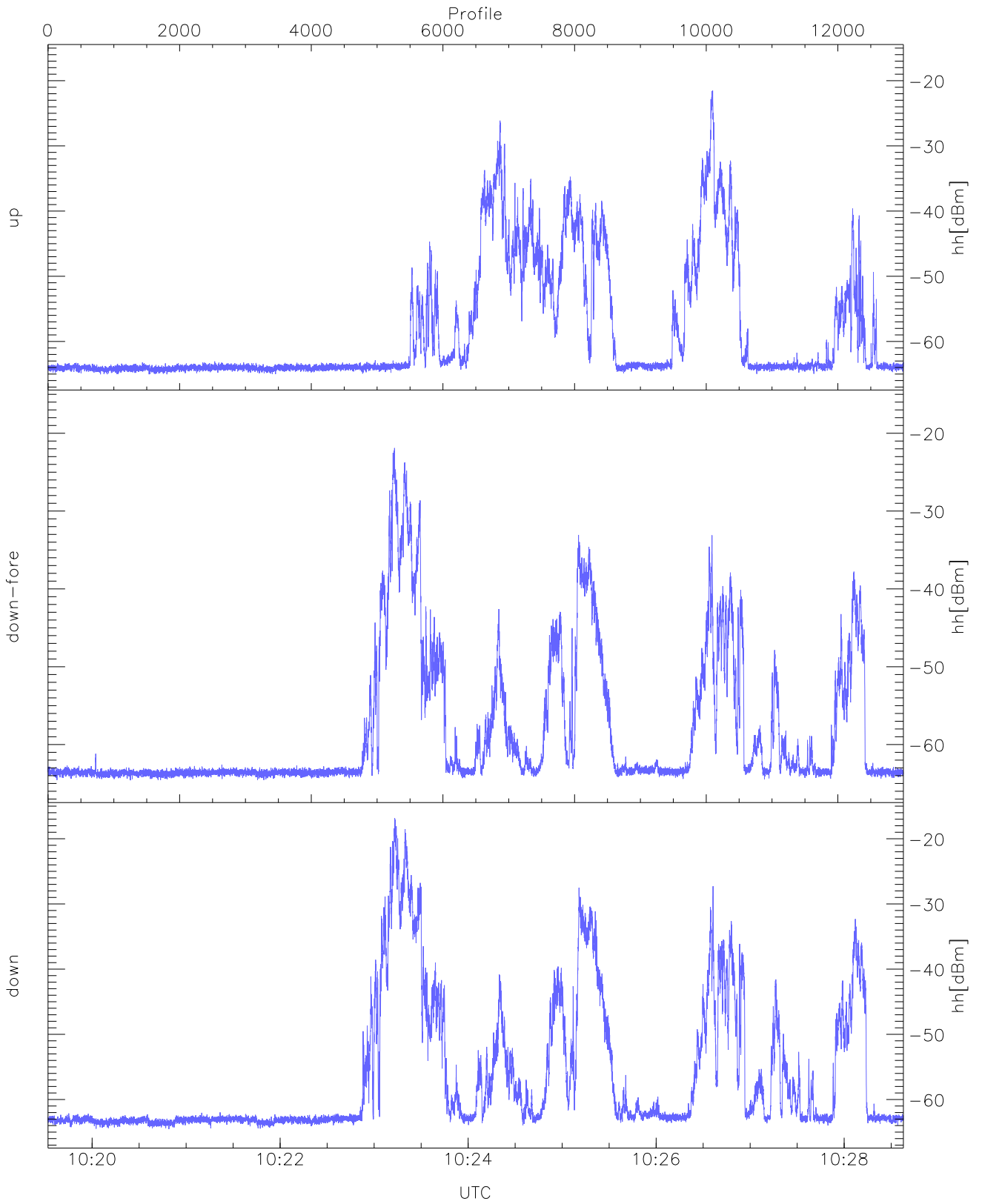




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 101932-102405, 6499 profiles averaged  
red: 102405-102838, 6499 profiles averaged

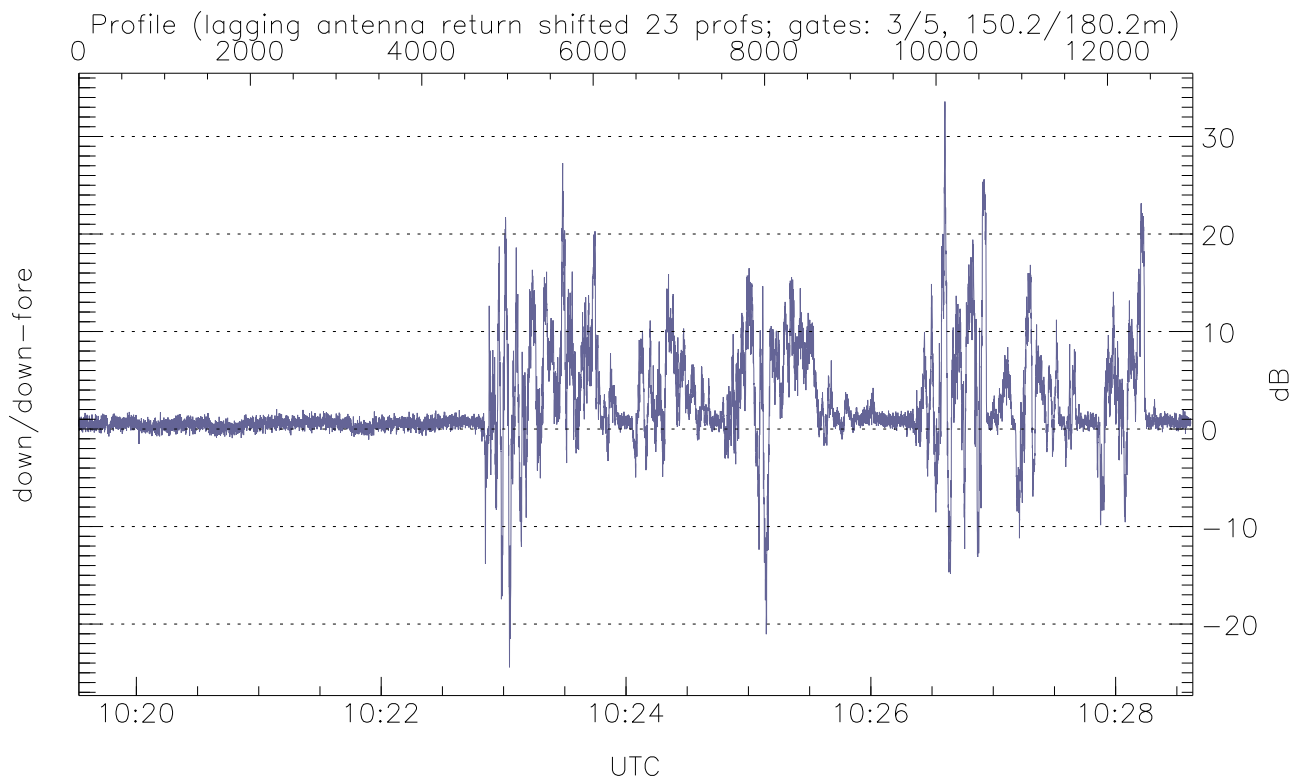
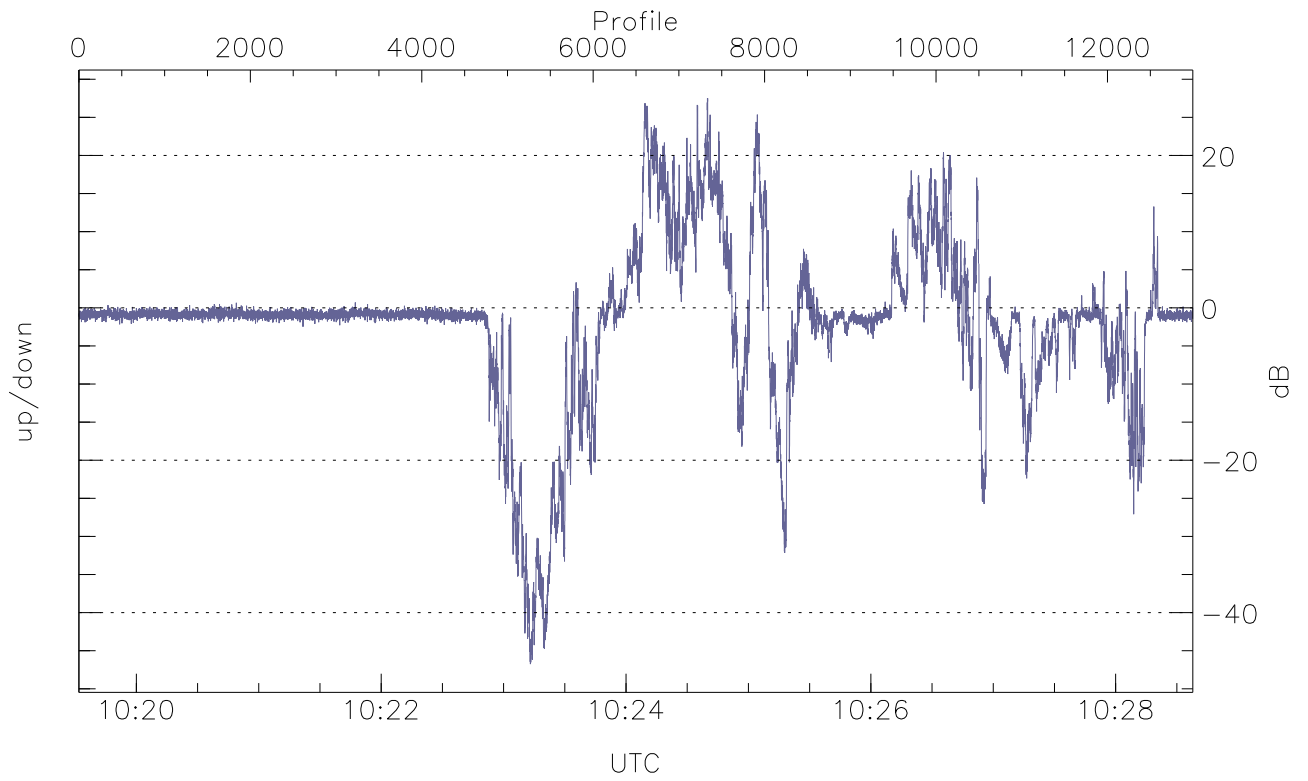


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



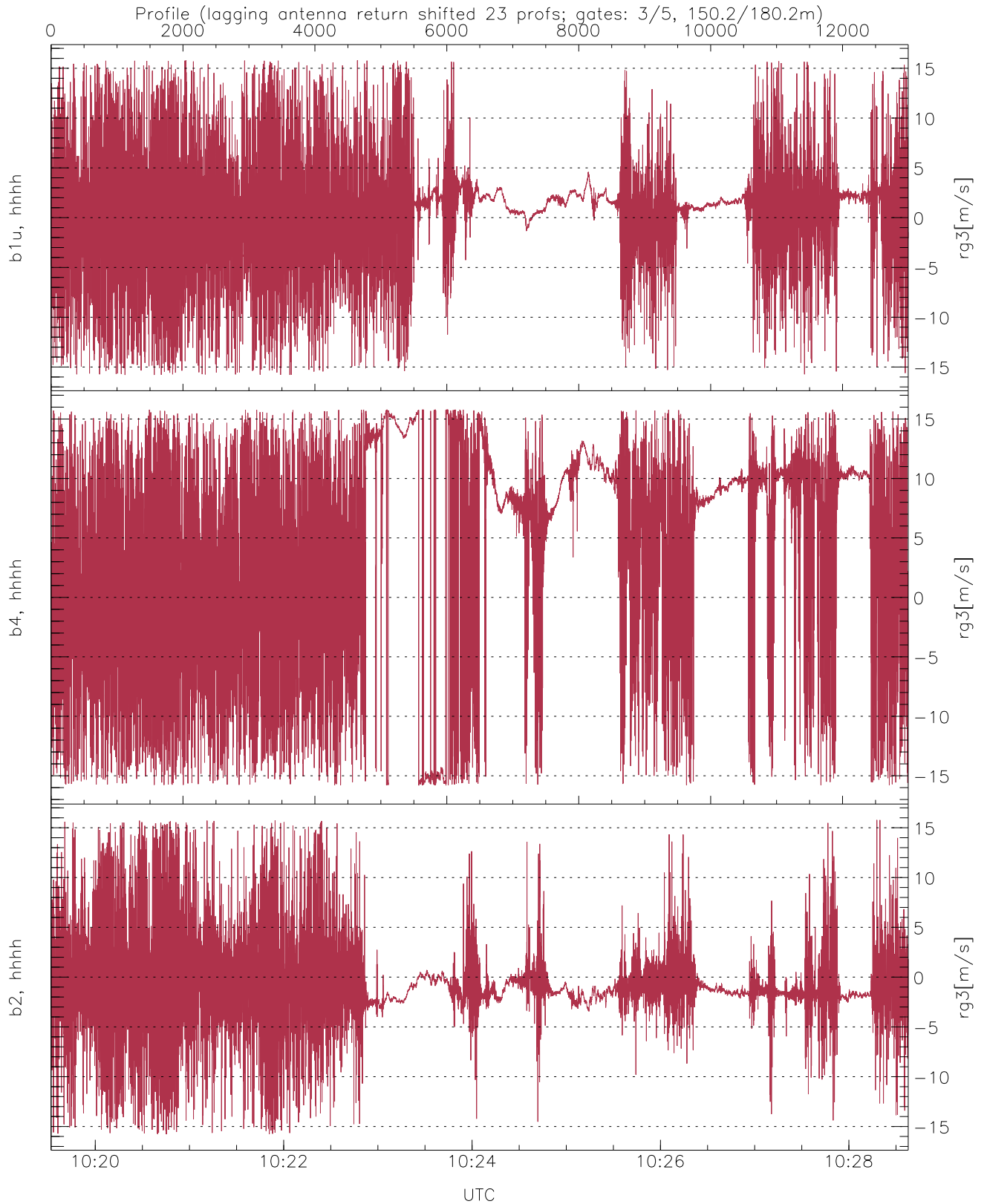
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-65.04	-21.52	-44.03
down-fore(hh[dBm])	-64.58	-21.90	-43.53
down(hh[dBm])	-64.54	-16.85	-38.57



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-46.76	27.49	-1.92
down/down-fore (dB)	-24.43	33.59	2.35



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.79	0.52	5.08
b4, hhhh(rg3[m/s])	-15.80	15.80	3.86	8.58
b2, hhhh(rg3[m/s])	-15.78	15.78	-0.85	4.04