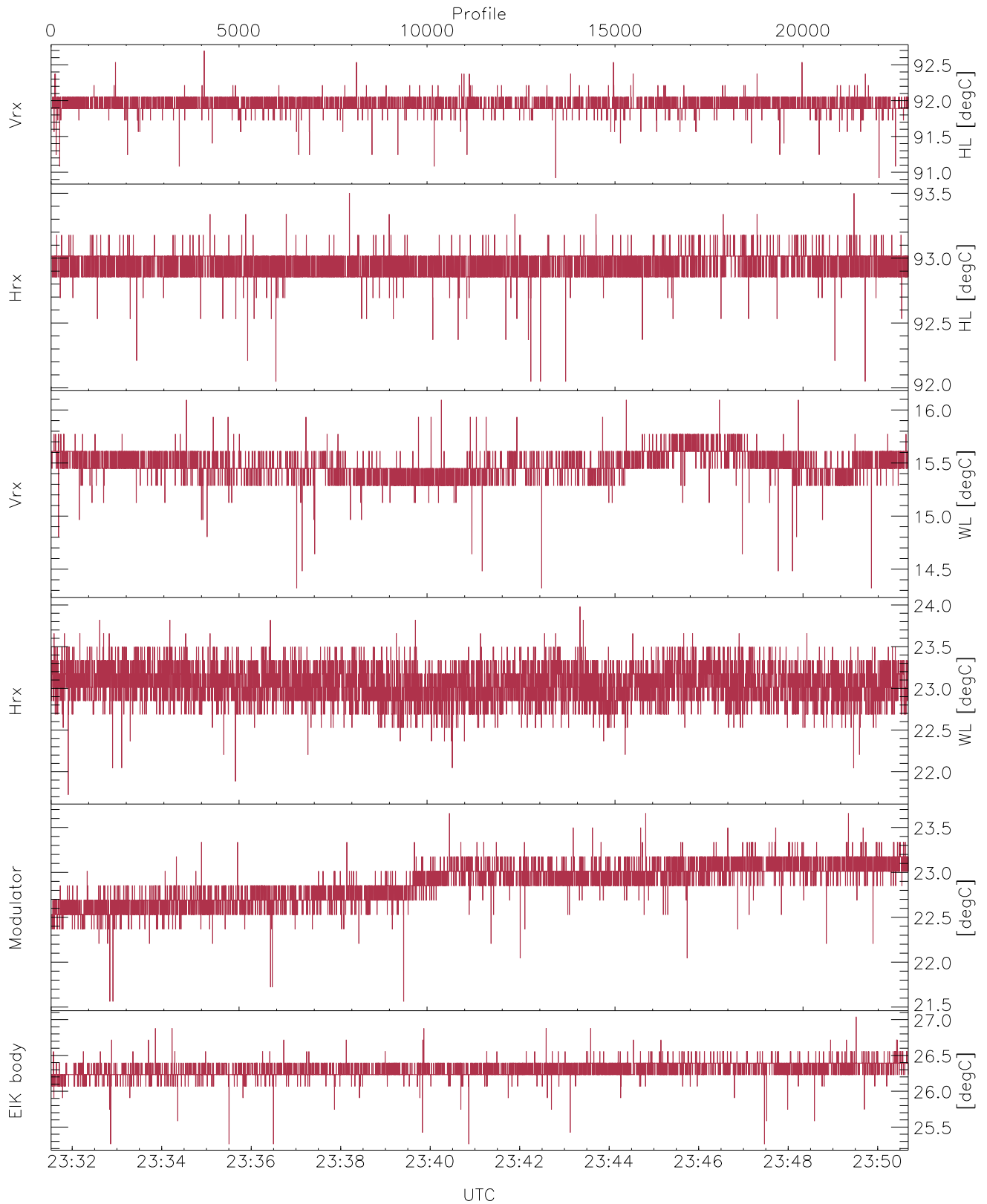


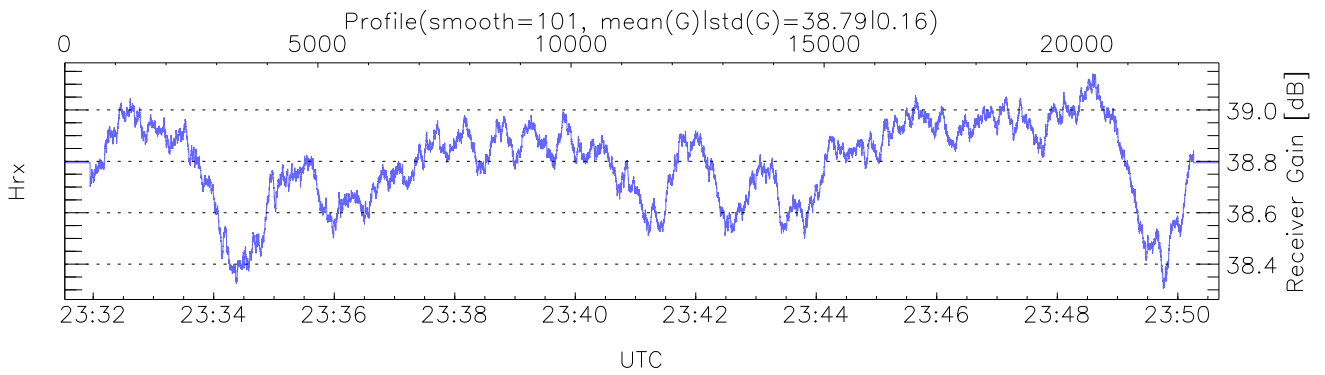
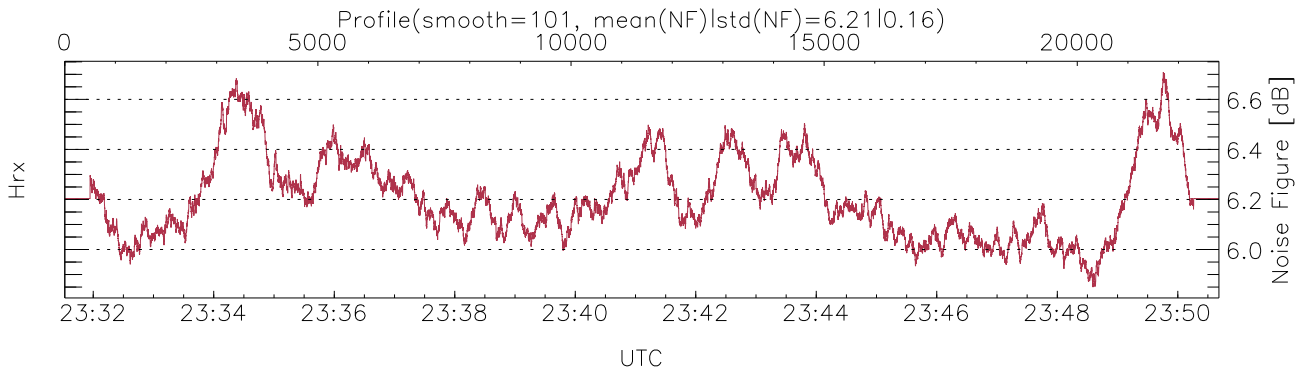
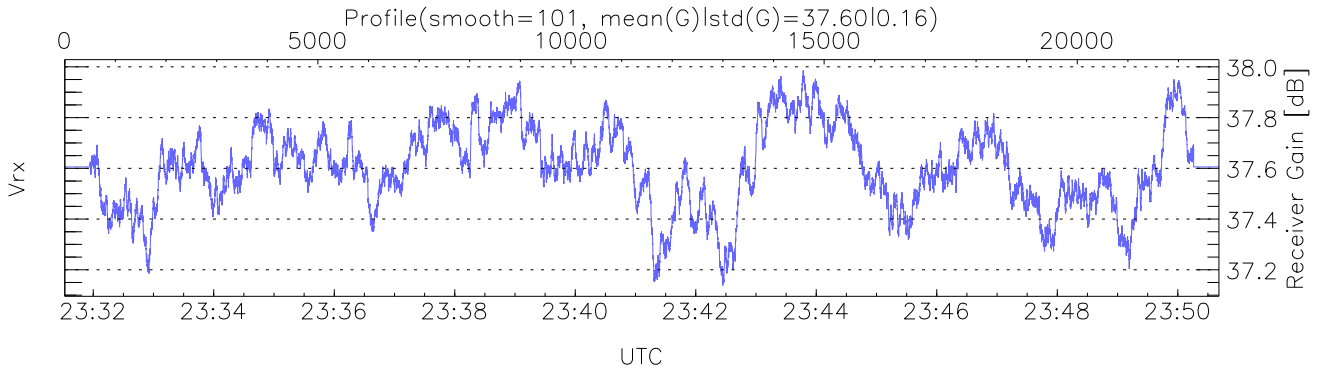
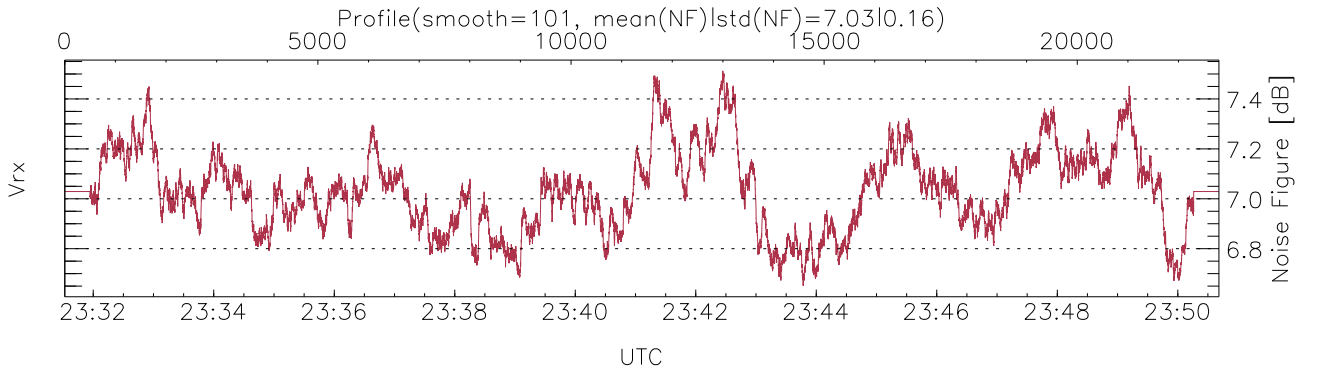
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:31:32-00:05:23, Dur: 2031.07s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 22800/40290, 0-22799/23:31:32-23:50:41  
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168  
 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,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



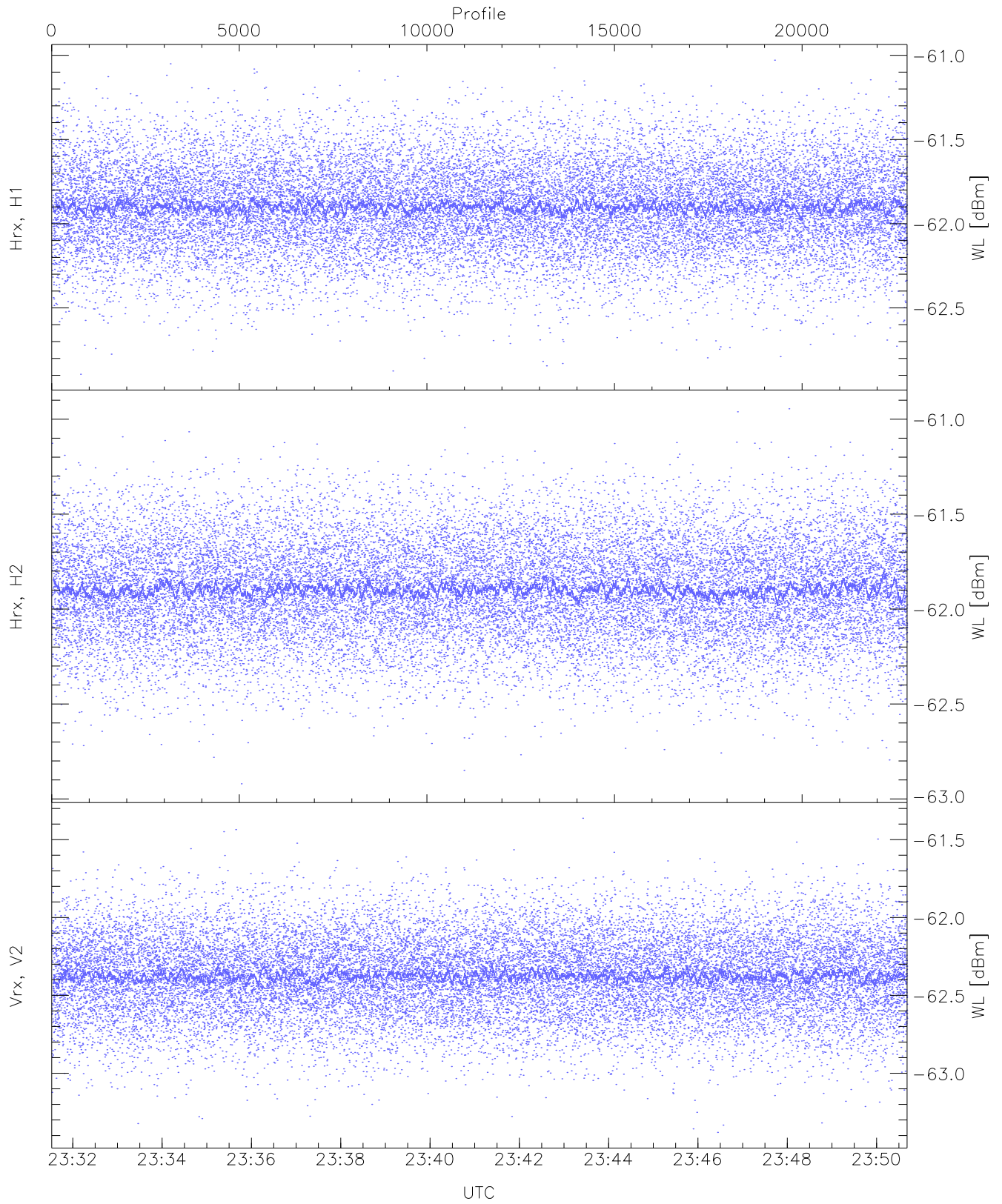
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,14,21,21,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,23,27`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,15,15,15,10)`



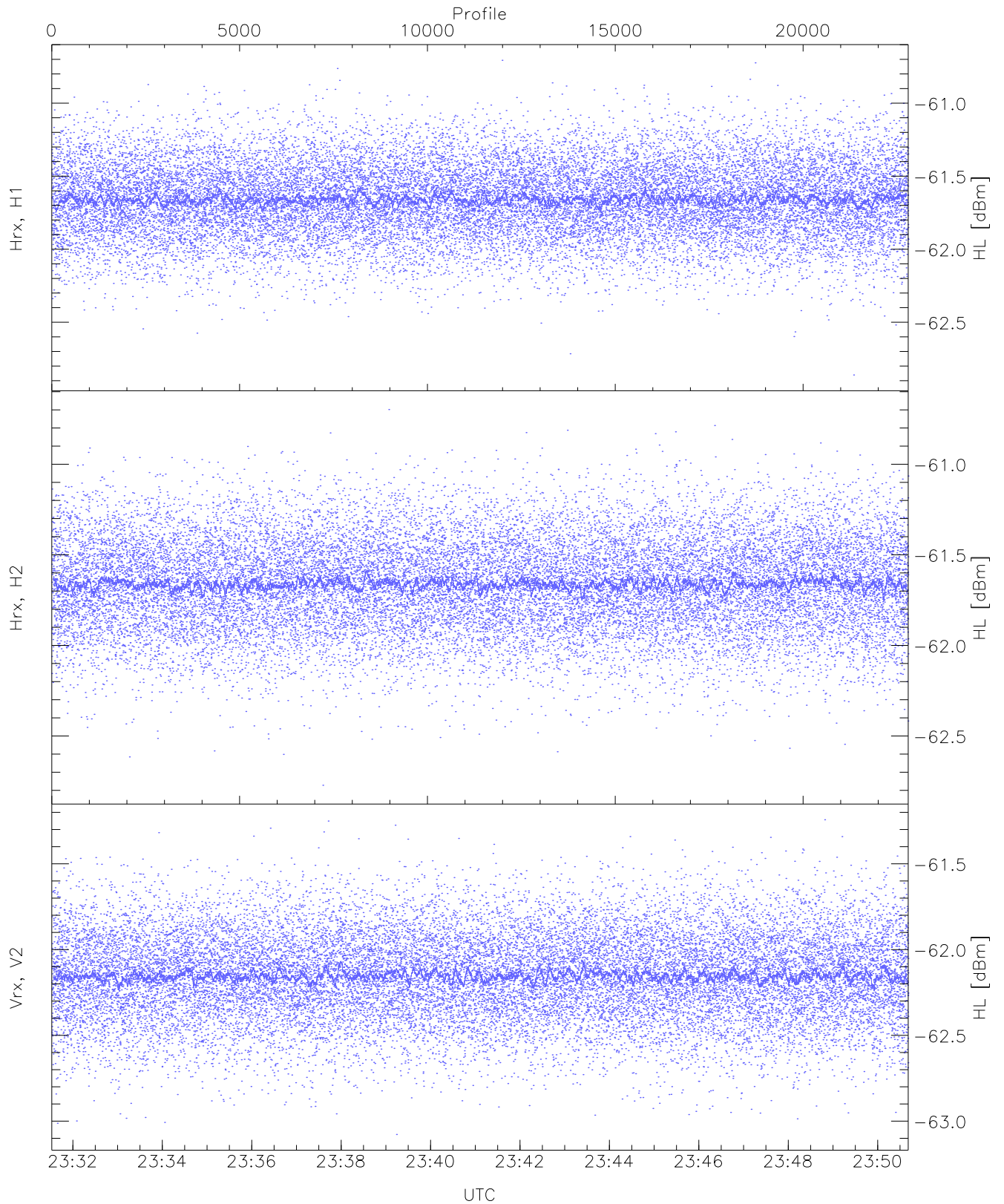
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 148 pixs, 7 gates, 148 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

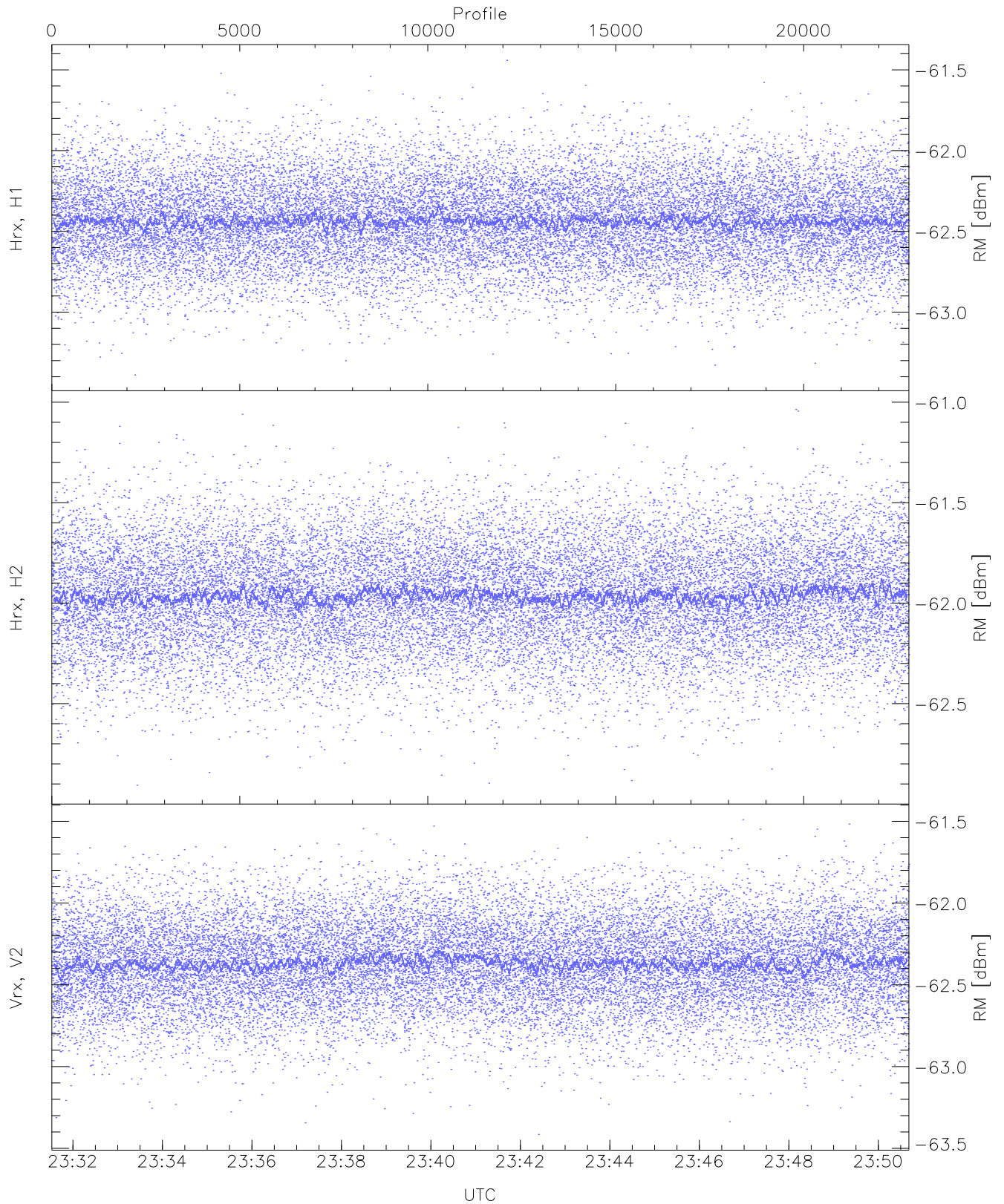
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.89	-61.03	-61.90	-61.90	-74.45
Hrx, H2 (WL [dBm])	-62.92	-60.95	-61.90	-61.90	-74.43
Vrx, V2 (WL [dBm])	-63.38	-61.36	-62.37	-62.38	-74.94



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

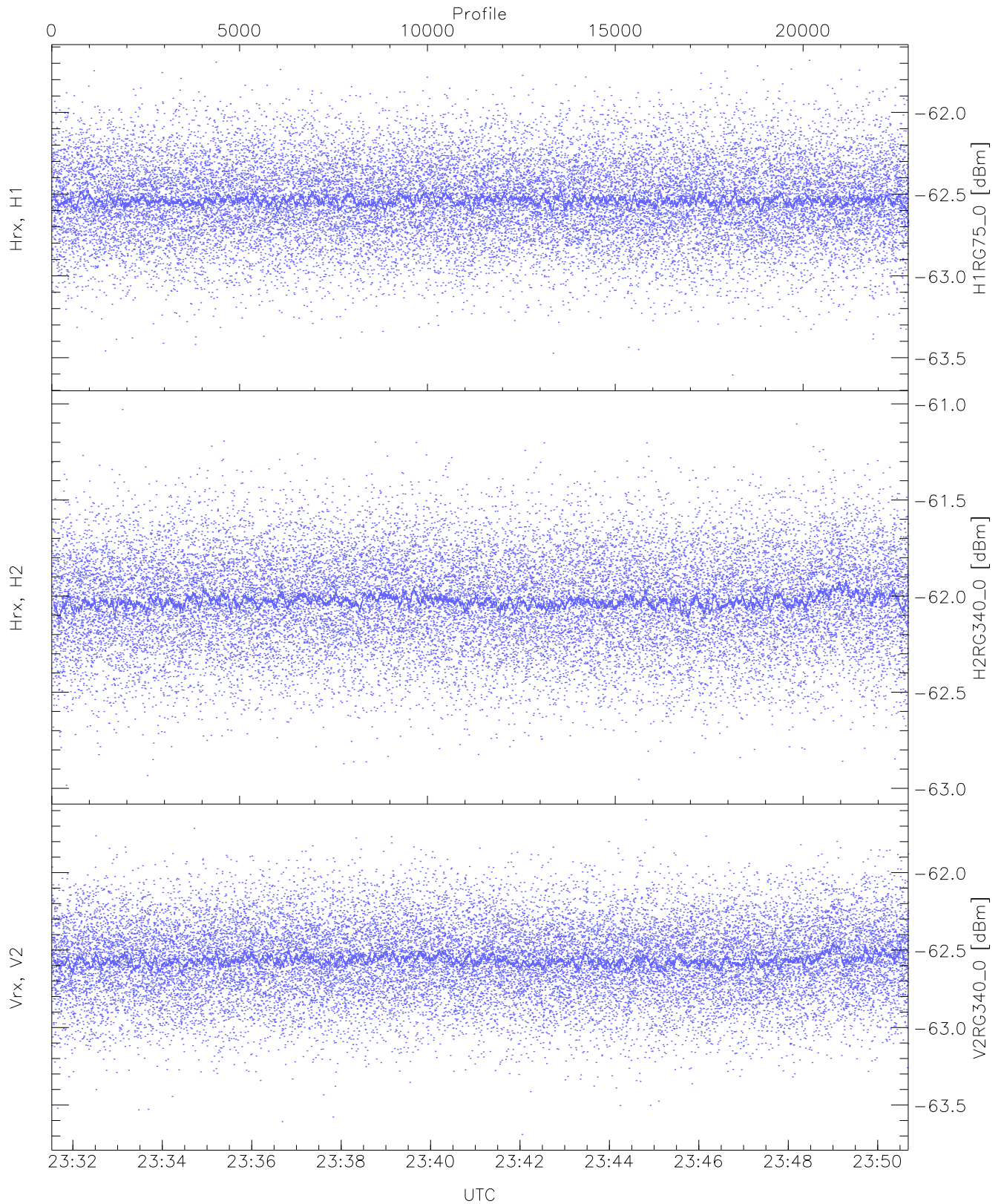
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.86	-60.71	-61.66	-61.66	-74.21
Hrx, H2 (HL [dBm])	-62.77	-60.70	-61.66	-61.66	-74.21
Vrx, V2 (HL [dBm])	-63.08	-61.24	-62.15	-62.15	-74.72





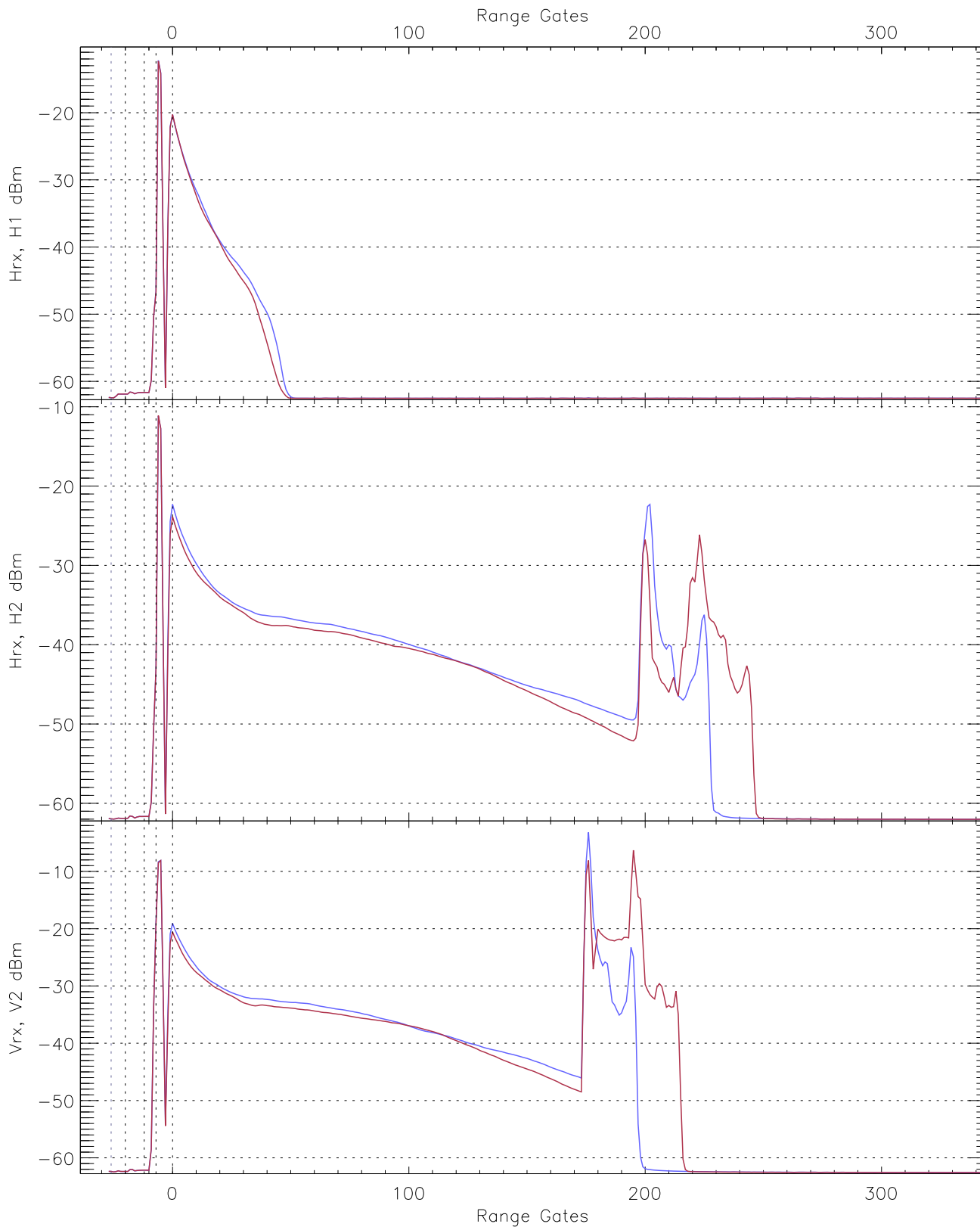
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.39	-61.44	-62.43	-62.44	-75.01
Hrx, H2 (RM [dBm])	-62.91	-61.04	-61.96	-61.96	-74.52
Vrx, V2 (RM [dBm])	-63.42	-61.49	-62.37	-62.37	-74.91



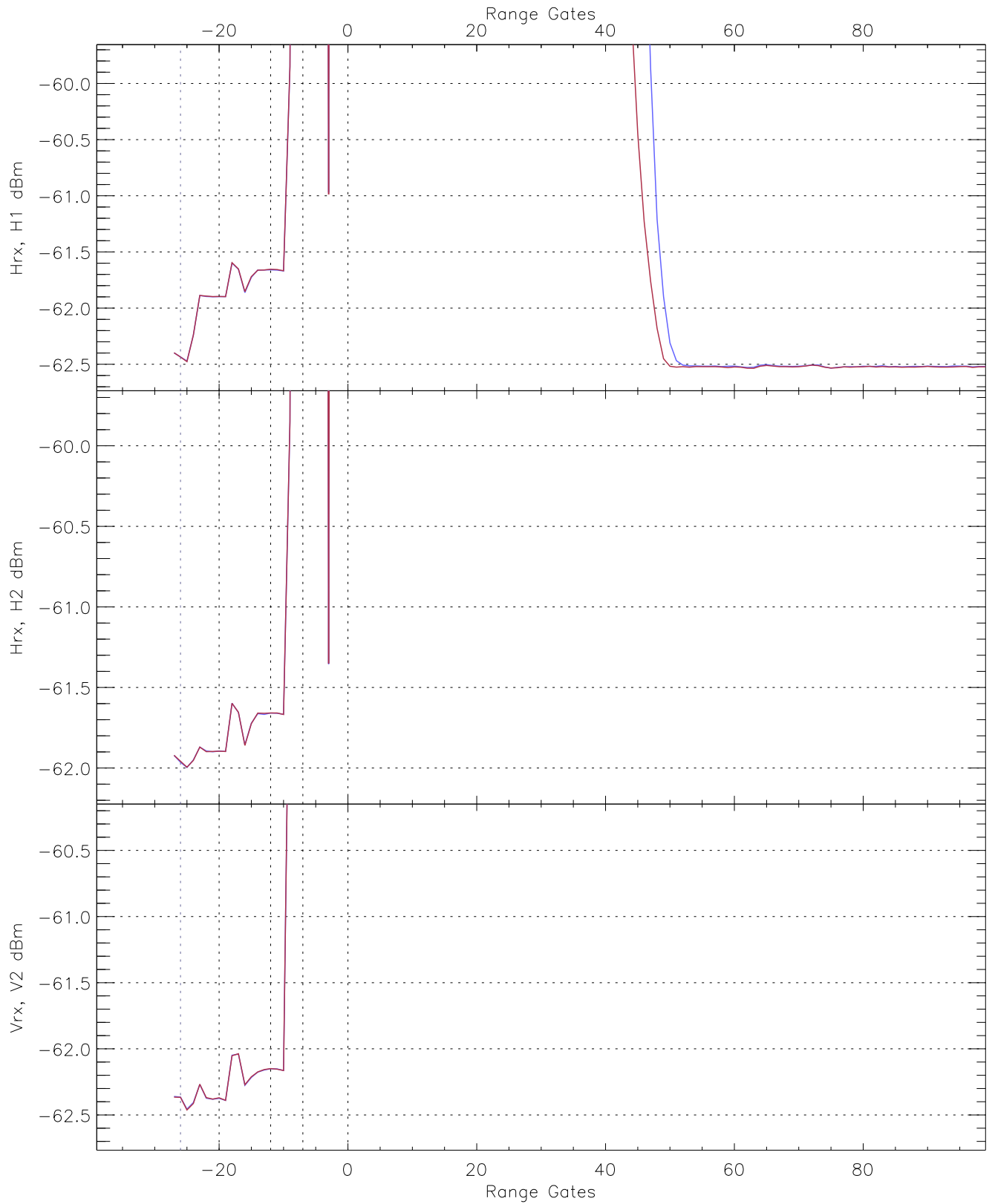
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.61	-61.68	-62.53	-62.54	-75.10
H2RG340_0 [dBm]	-62.98	-61.03	-62.02	-62.02	-74.57
V2RG340_0 [dBm]	-63.69	-61.66	-62.56	-62.56	-75.10

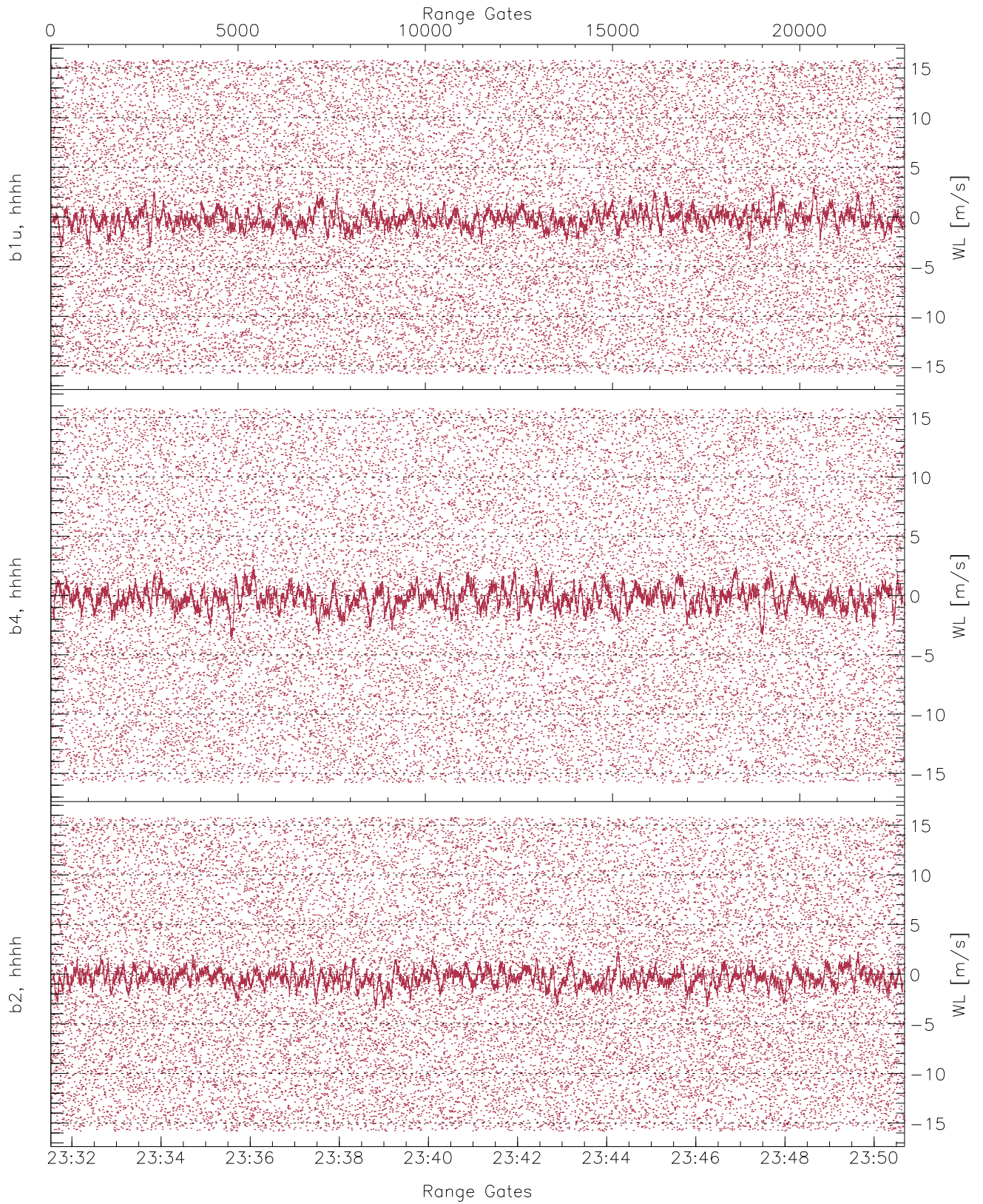


WCR2 CPP Averaged Received power for all recorded gates  
blue: 233132-234106, 11401 profiles averaged  
red: 234106-235041, 11400 profiles averaged

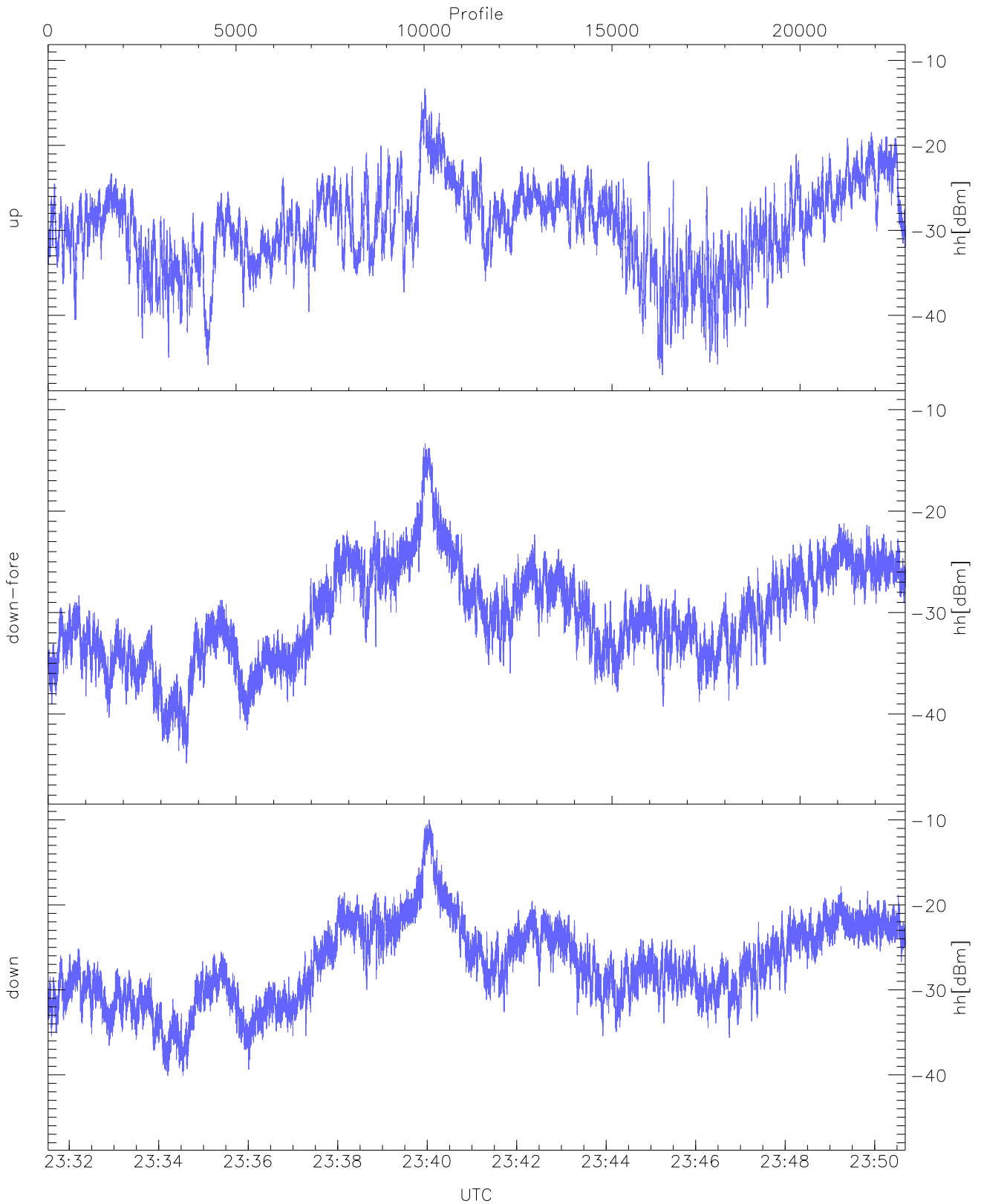




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 233132-234106, 11401 profiles averaged  
red: 234106-235041, 11400 profiles averaged

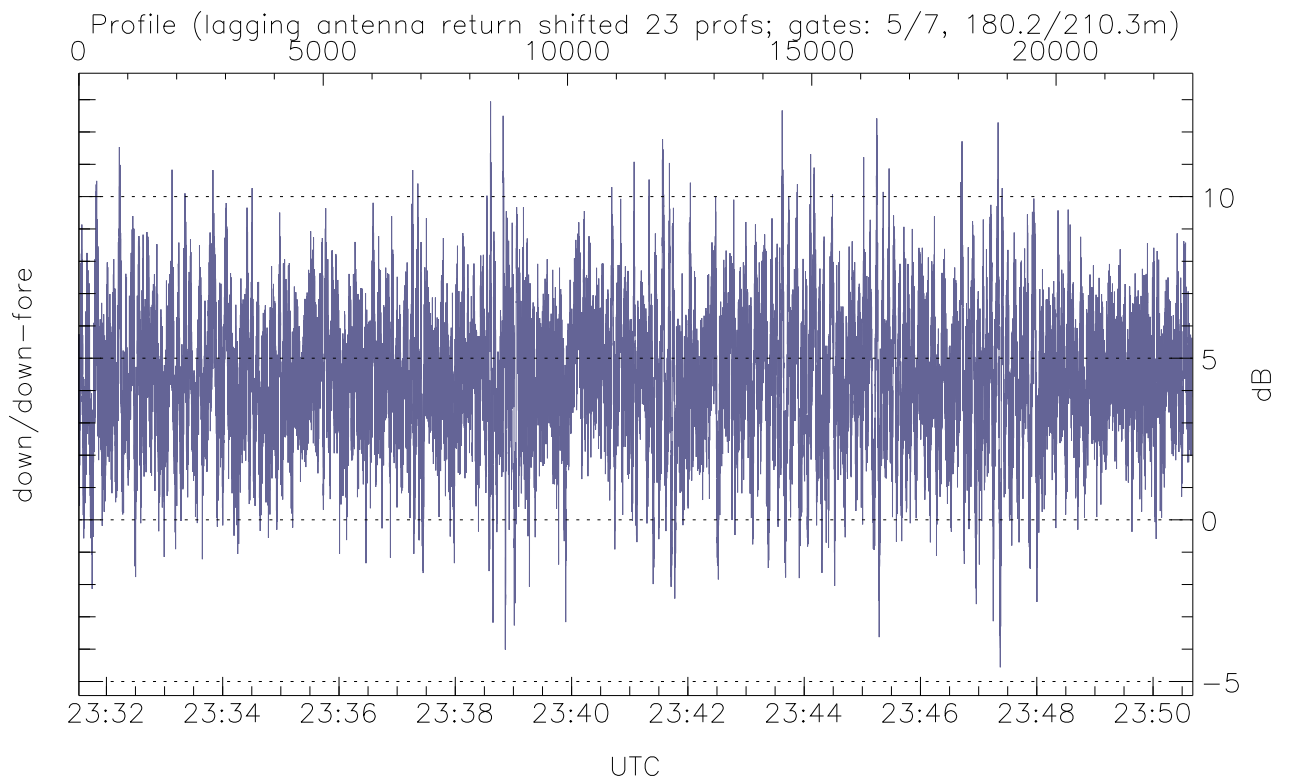
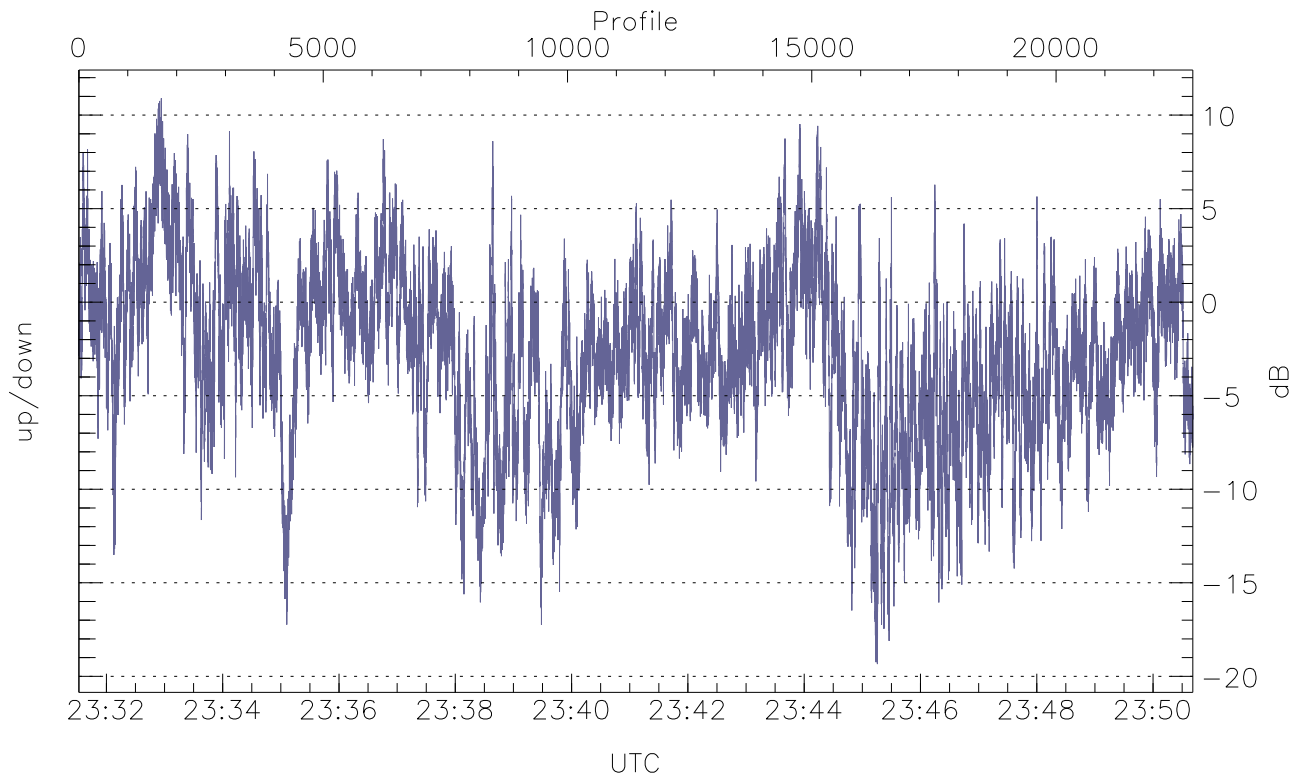


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



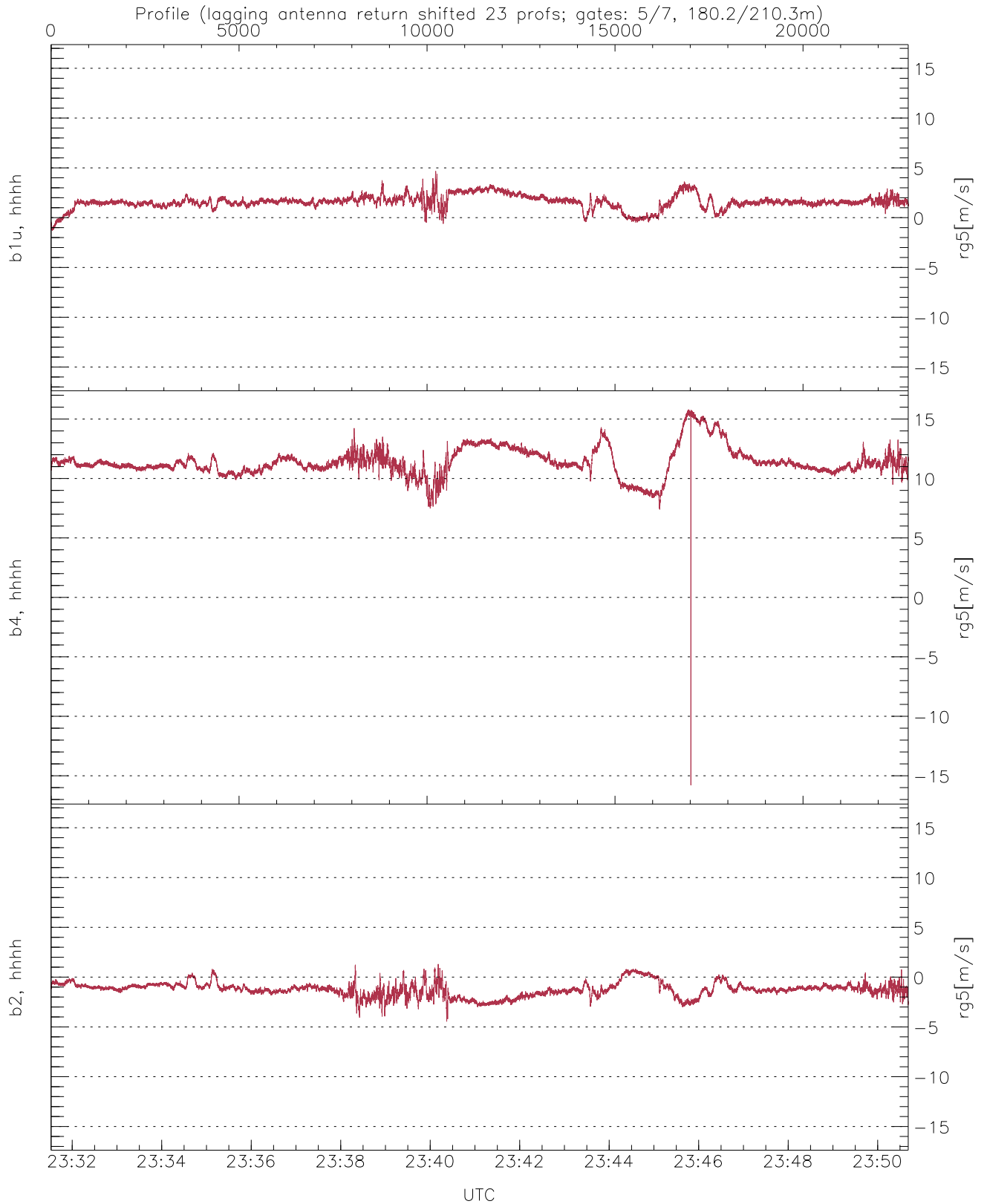
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-47.02	-13.32	-27.03
down-fore(hh[dBm])	-44.85	-13.33	-27.38
down(hh[dBm])	-40.09	-9.99	-24.15



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-19.34	10.90	-2.72
down/down-fore (dB)	-4.56	12.94	4.40



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.33	4.67	1.57	0.70
b4, hhhh(rg5[m/s])	-15.79	15.79	11.40	1.23
b2, hhhh(rg5[m/s])	-4.46	1.31	-1.24	0.72