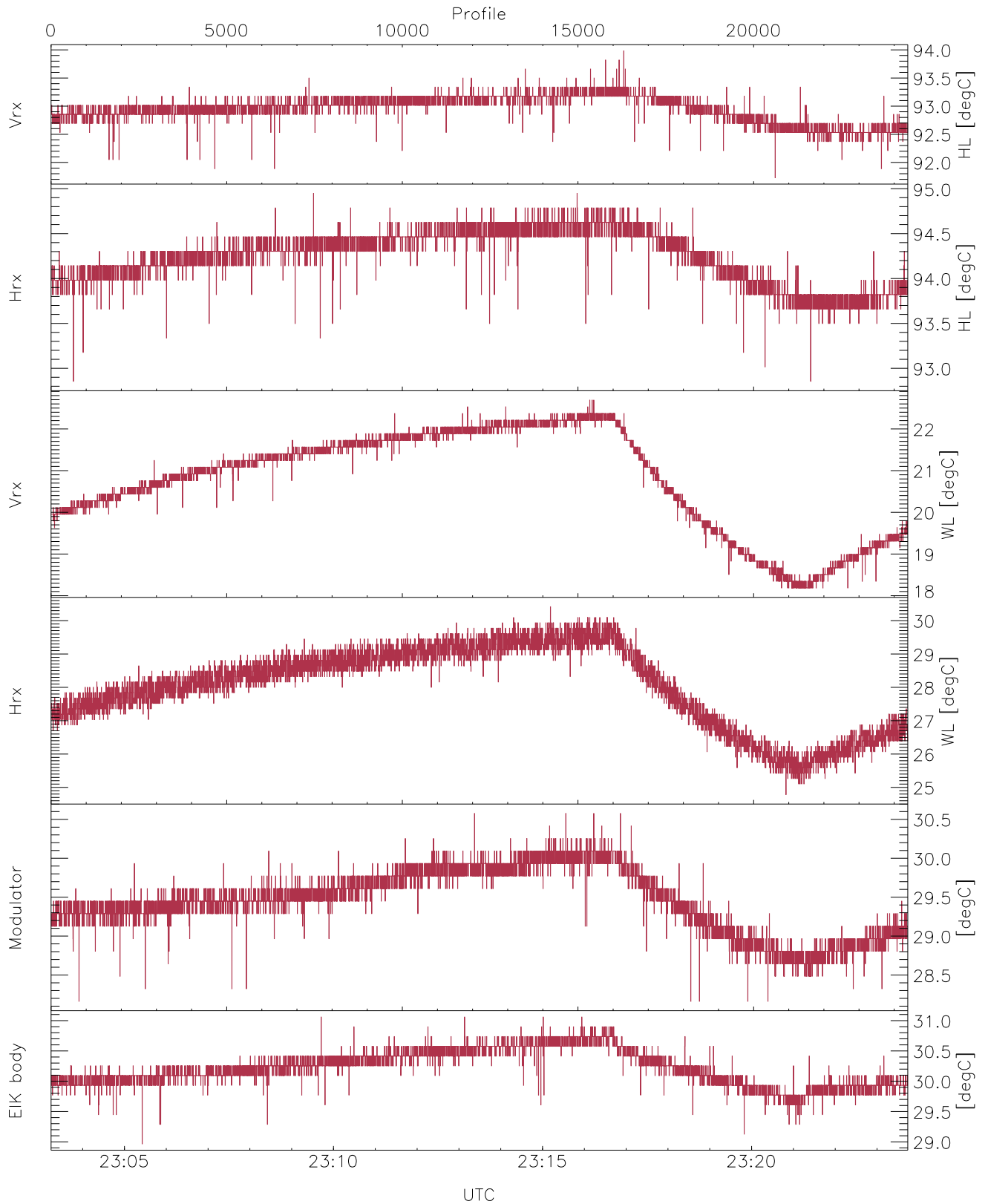


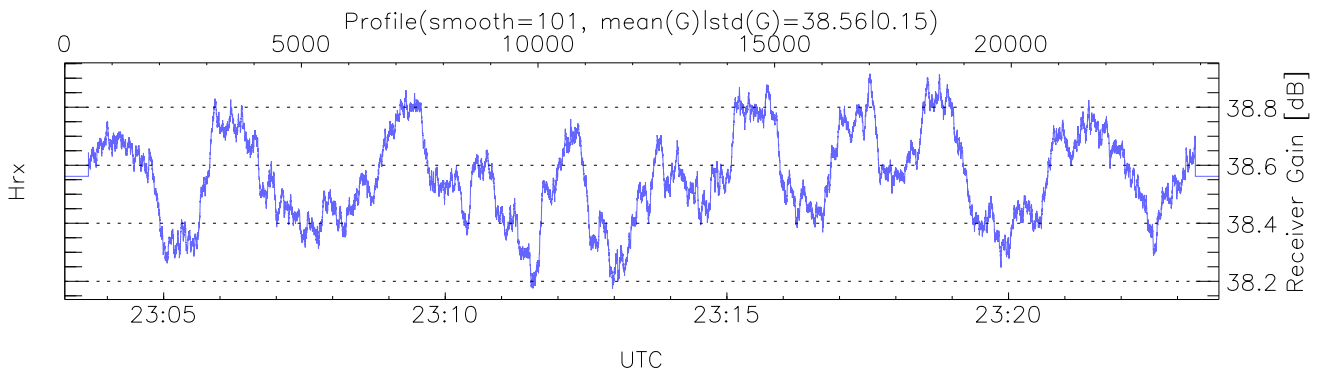
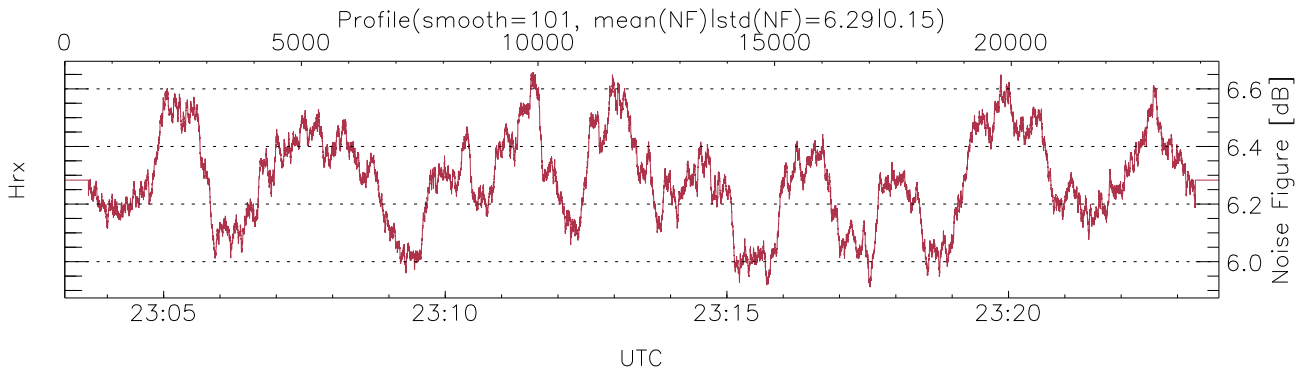
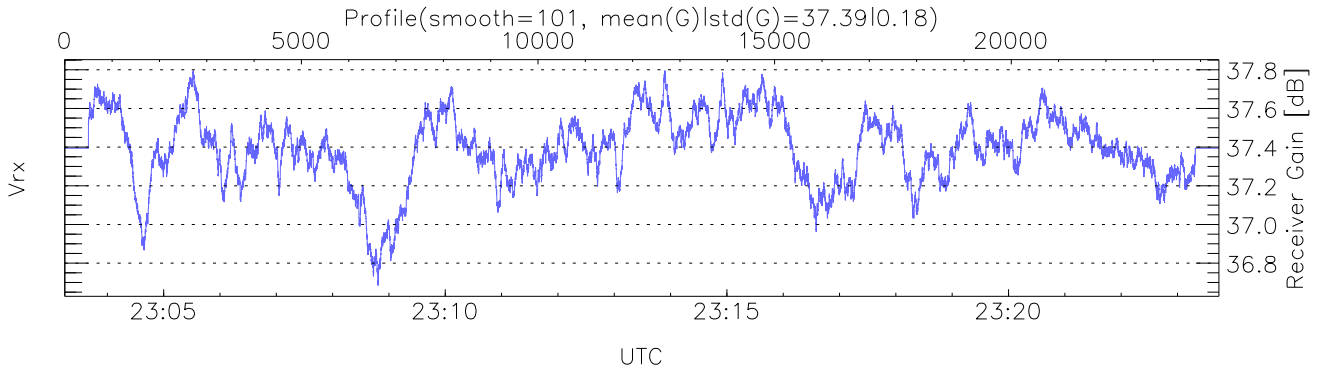
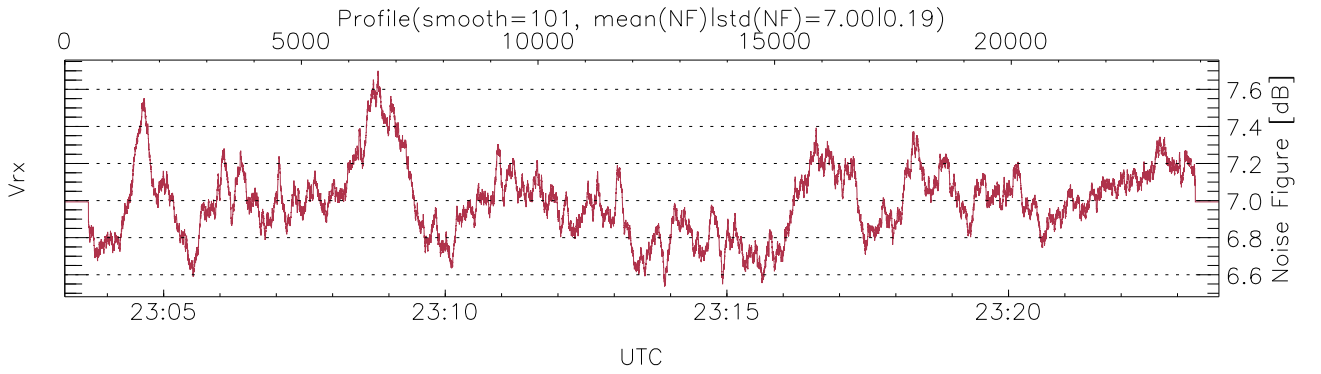
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:03:15-23:23:44, Dur: 1229.51s
 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): 24390/24390, 0-24389/23:03:15-23:23:44
 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



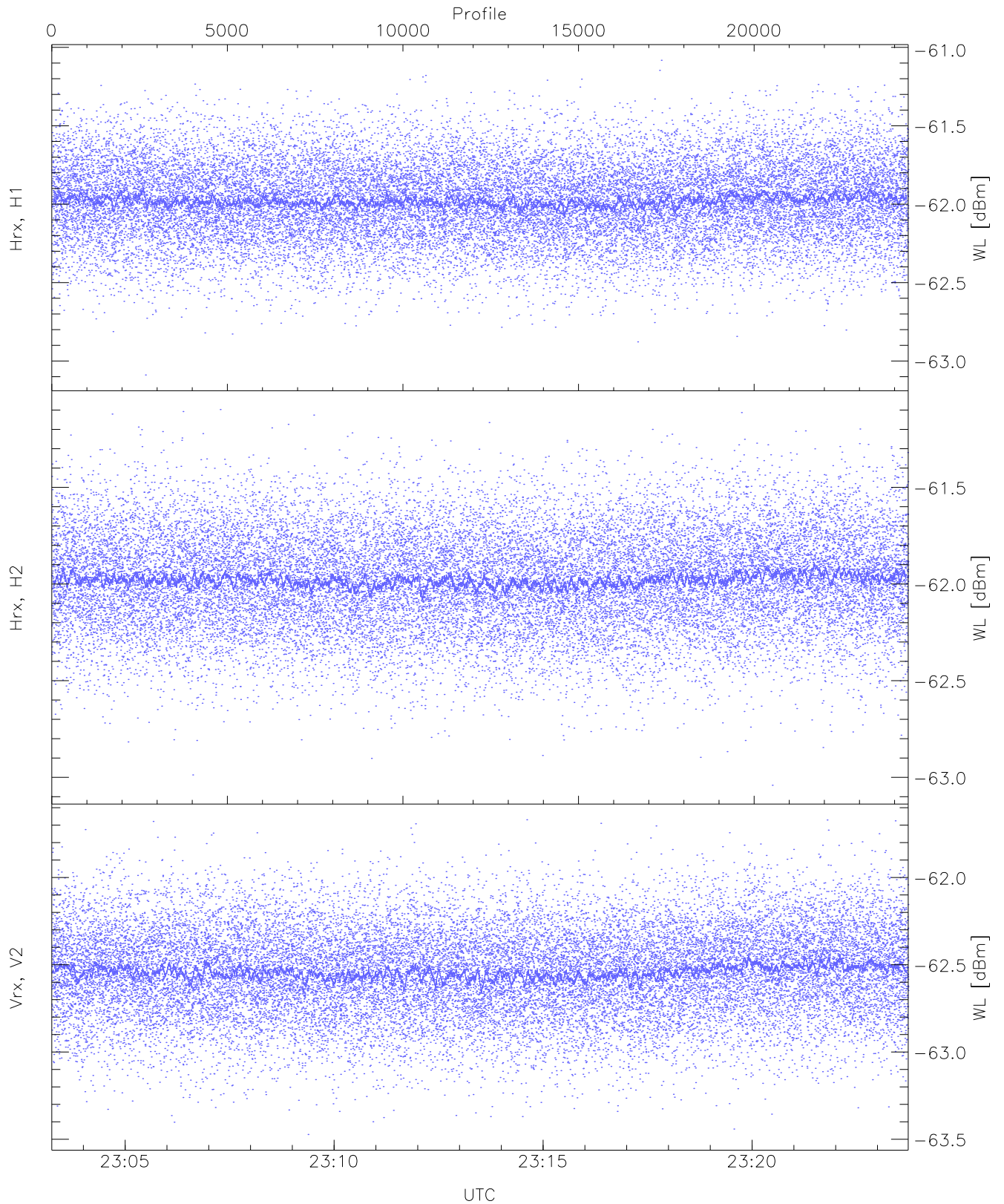
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,18,24,28,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,30,30,31
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (6,6,6,6,6,10)



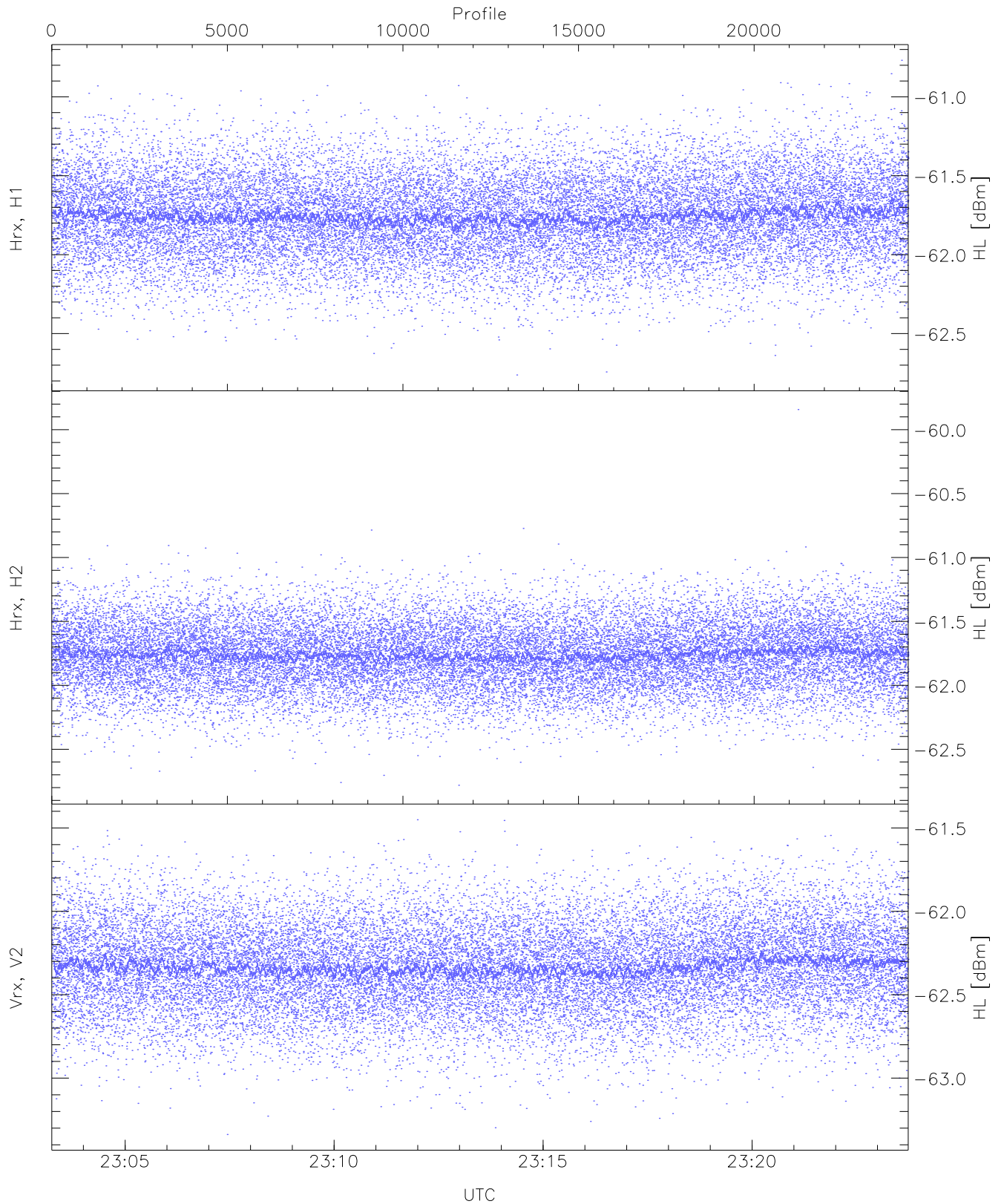
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3855 pixs, 34 gates, 3794 profs, 2 prods



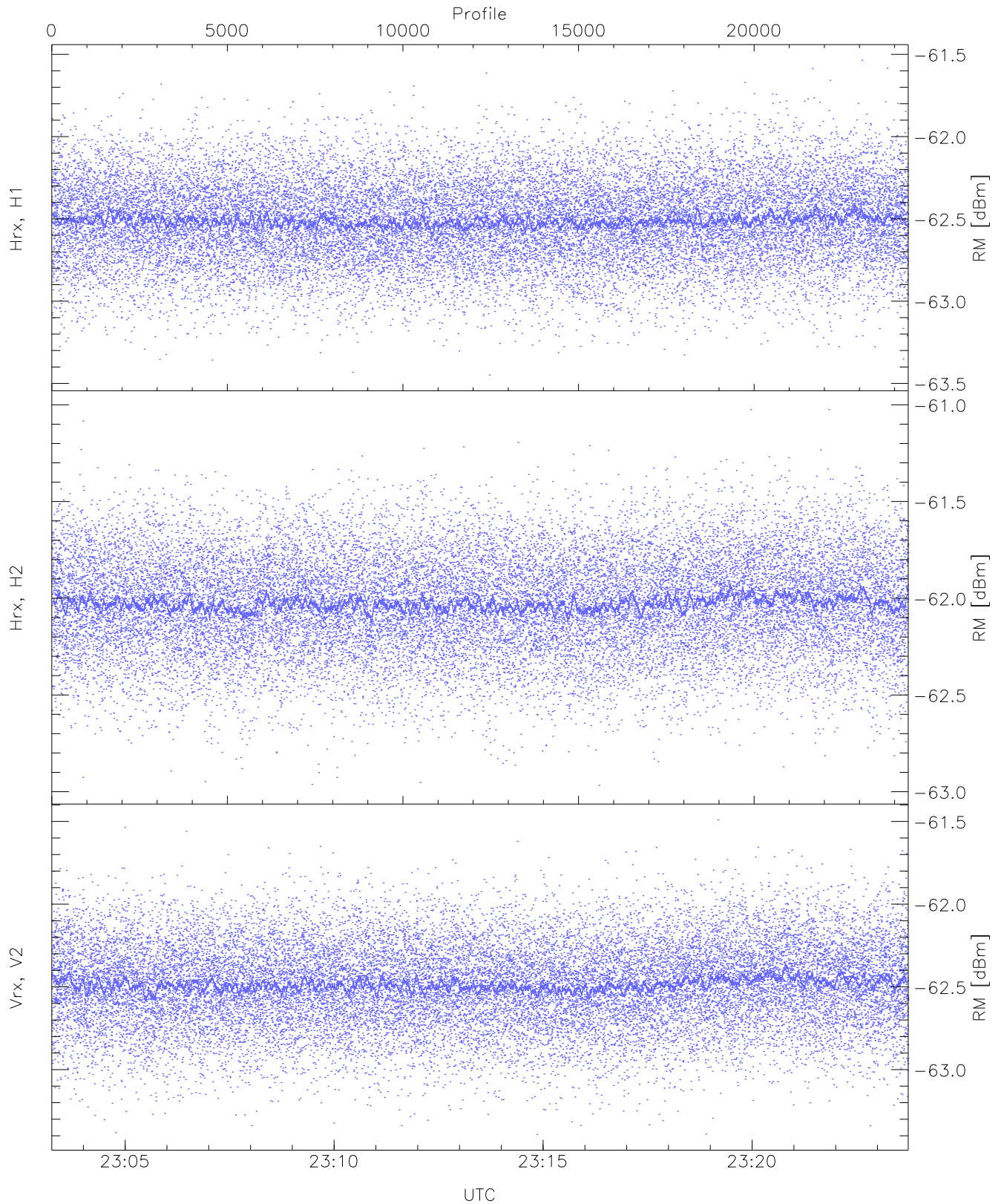
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.09	-61.08	-61.98	-61.98	-74.55
Hrx, H2 (WL [dBm])	-63.04	-61.10	-61.98	-61.98	-74.54
Vrx, V2 (WL [dBm])	-63.47	-61.67	-62.54	-62.54	-75.07



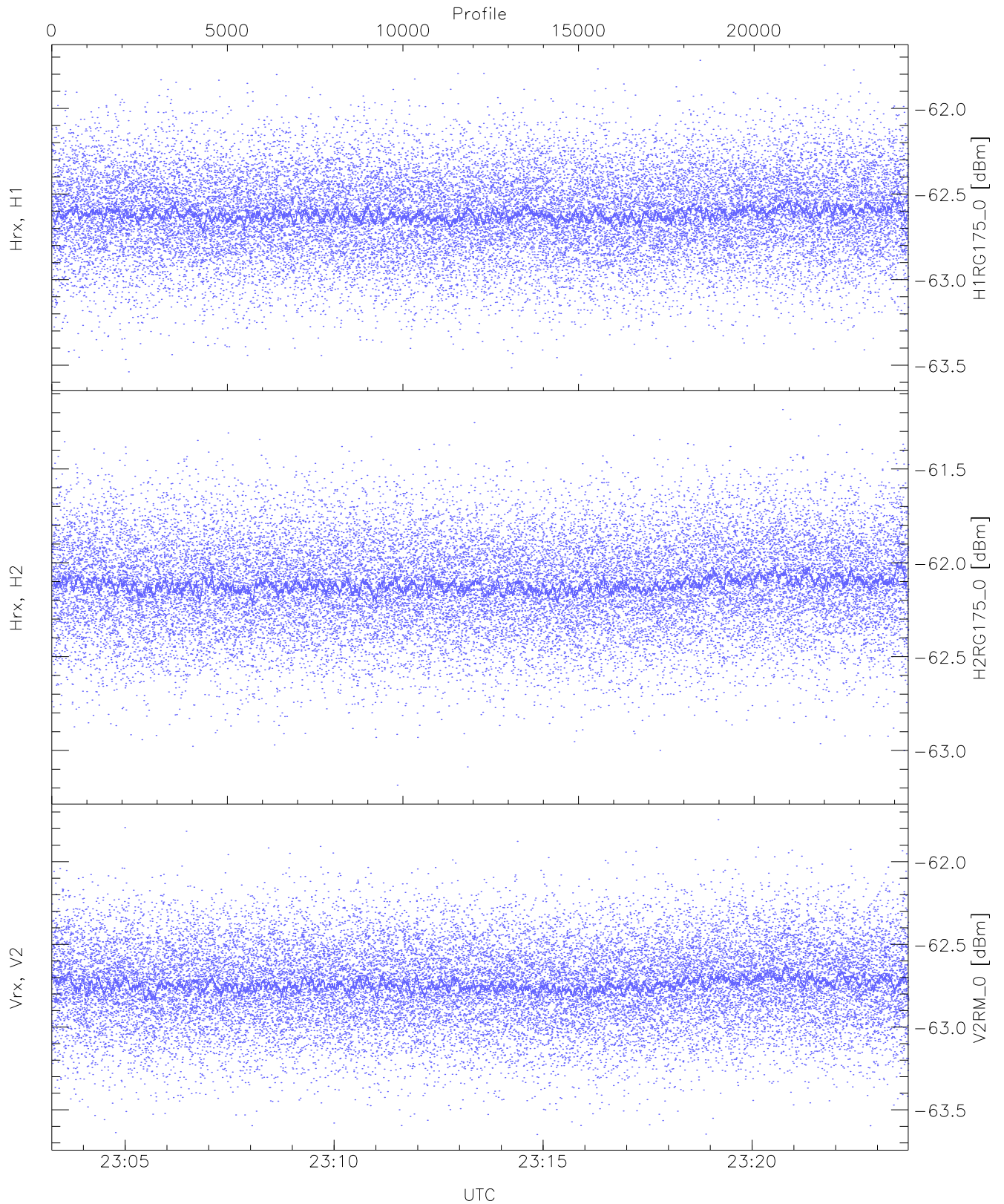
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.76	-60.77	-61.75	-61.76	-74.32
Hrx, H2 (HL [dBm])	-62.78	-59.84	-61.76	-61.76	-74.33
Vrx, V2 (HL [dBm])	-63.34	-61.45	-62.33	-62.33	-74.88



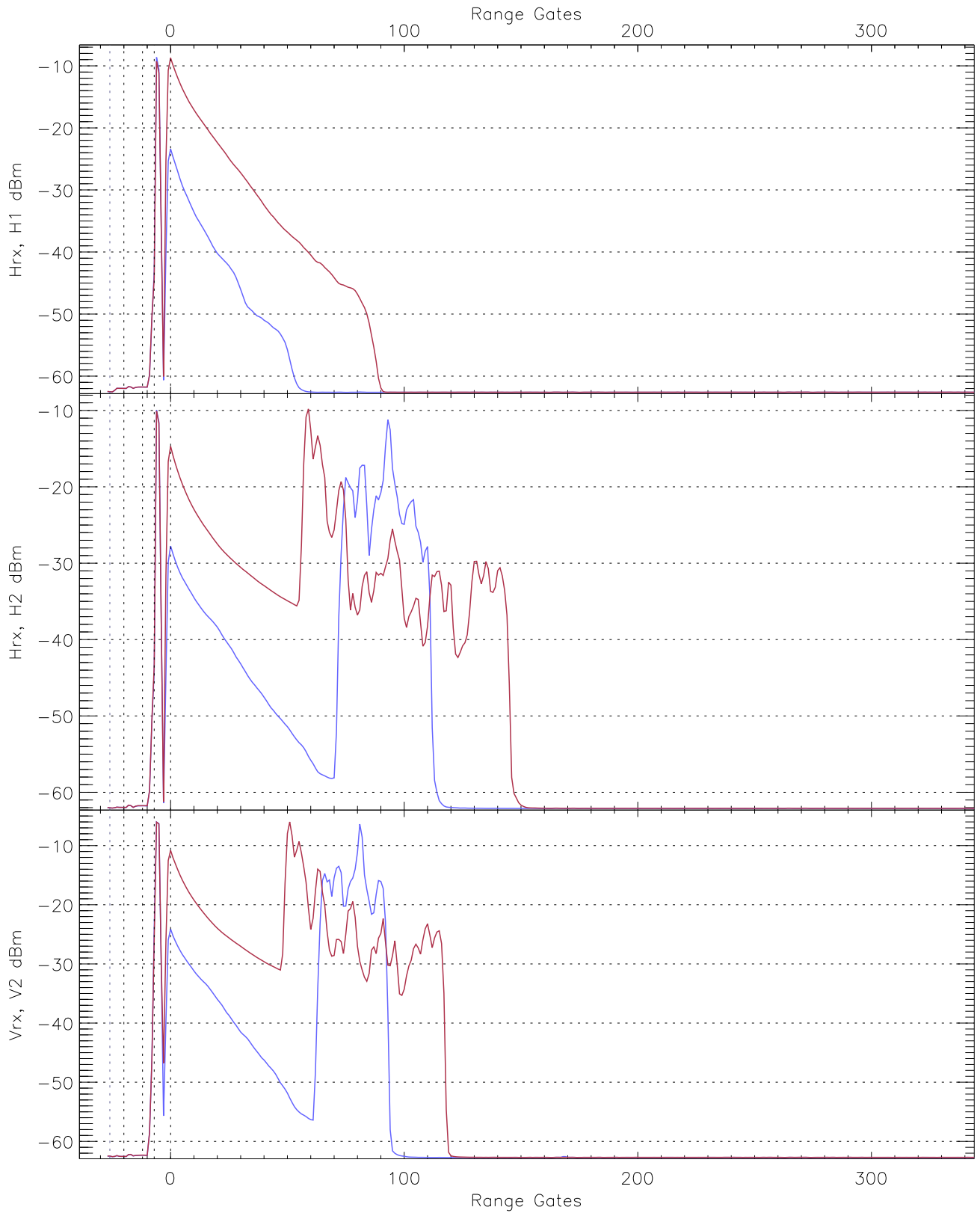
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.45	-61.54	-62.51	-62.51	-75.07
Hrx, H2 (RM [dBm])	-62.97	-61.02	-62.02	-62.03	-74.56
Vrx, V2 (RM [dBm])	-63.39	-61.49	-62.48	-62.49	-75.00

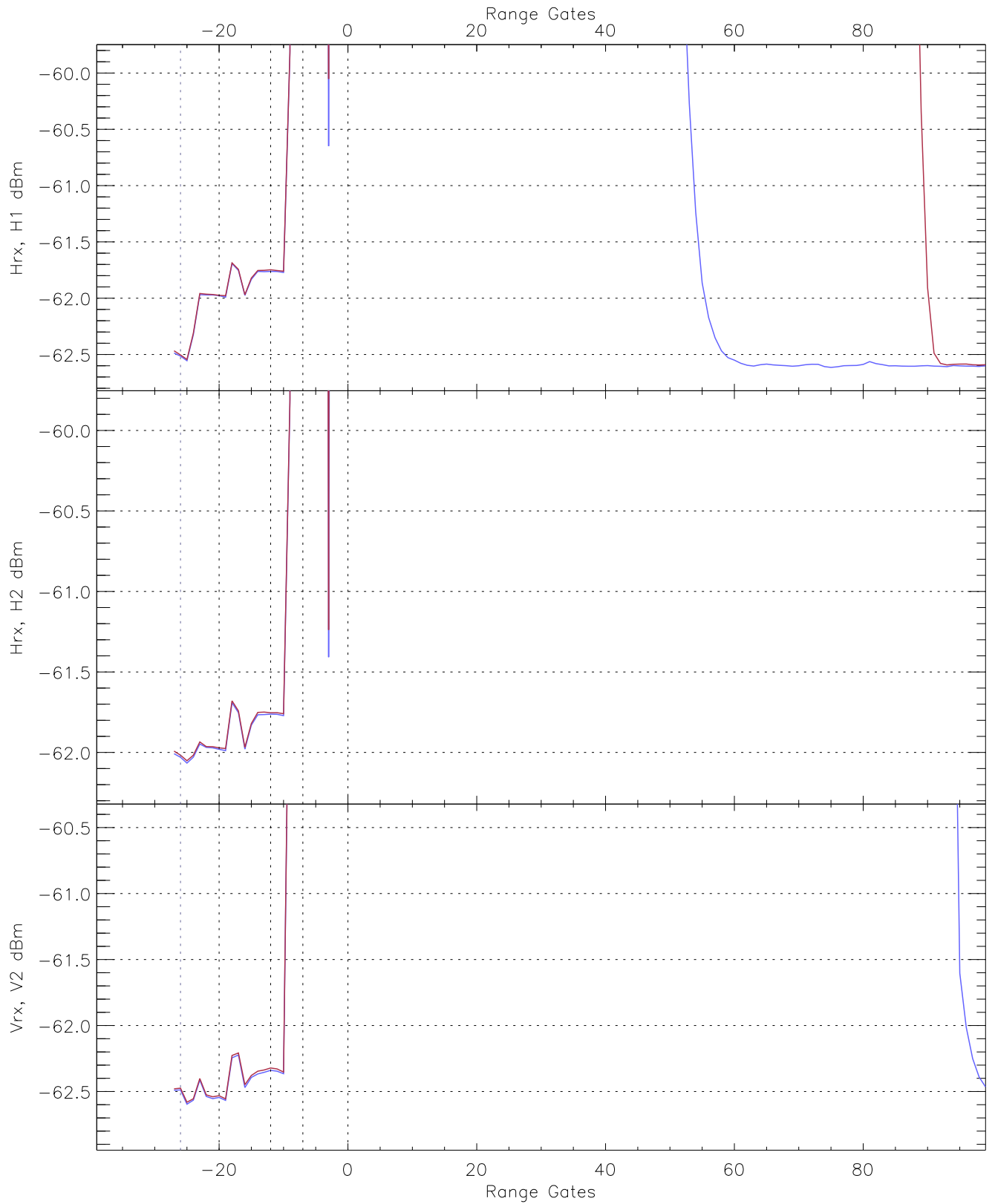


WCR2 CPP "Best" estimate Receivers Noise Power

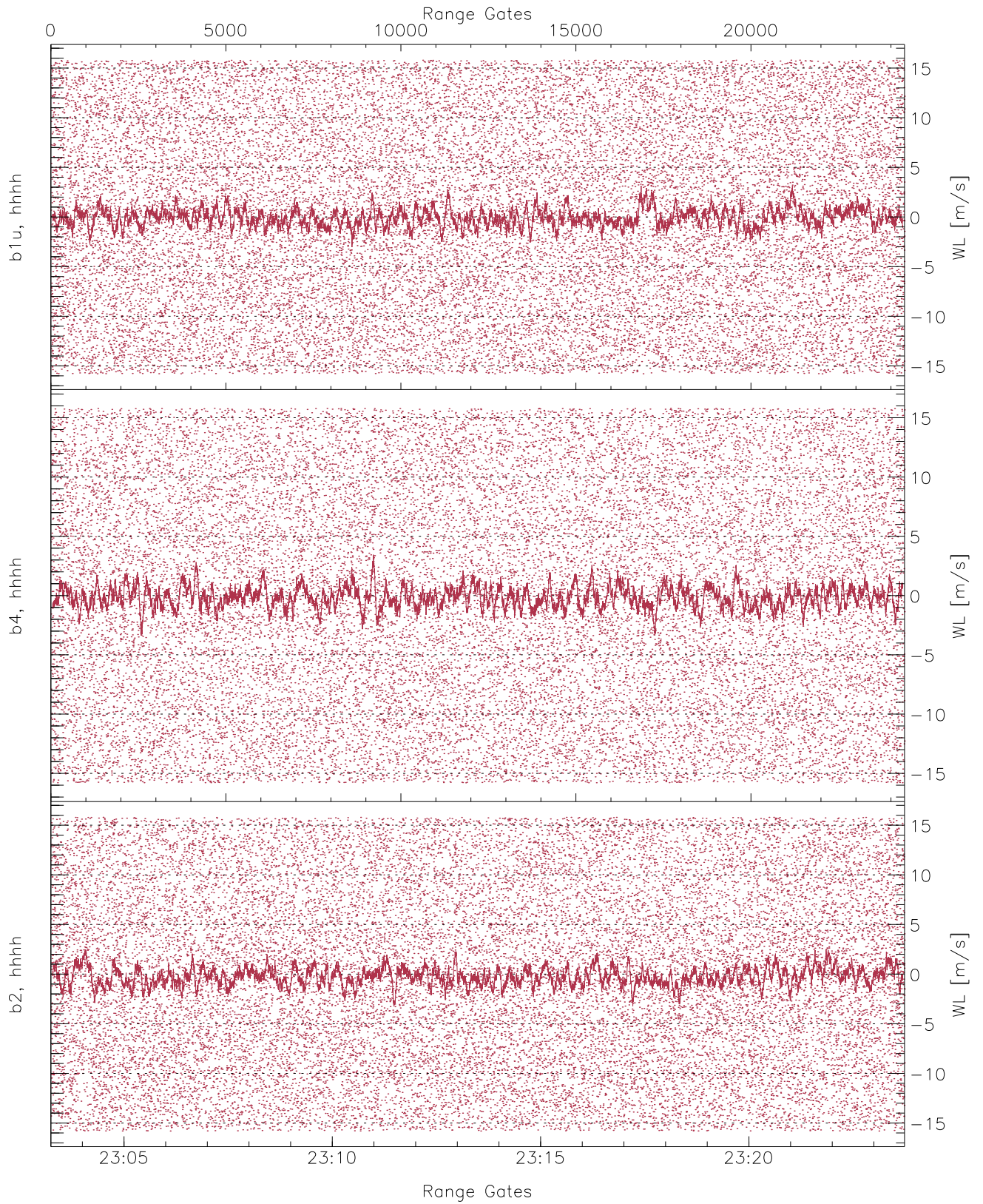
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.56	-61.72	-62.61	-62.62	-75.15
H2RG175_0 [dBm]	-63.19	-61.18	-62.11	-62.12	-74.67
V2RM_0 [dBm]	-63.65	-61.75	-62.74	-62.74	-75.26



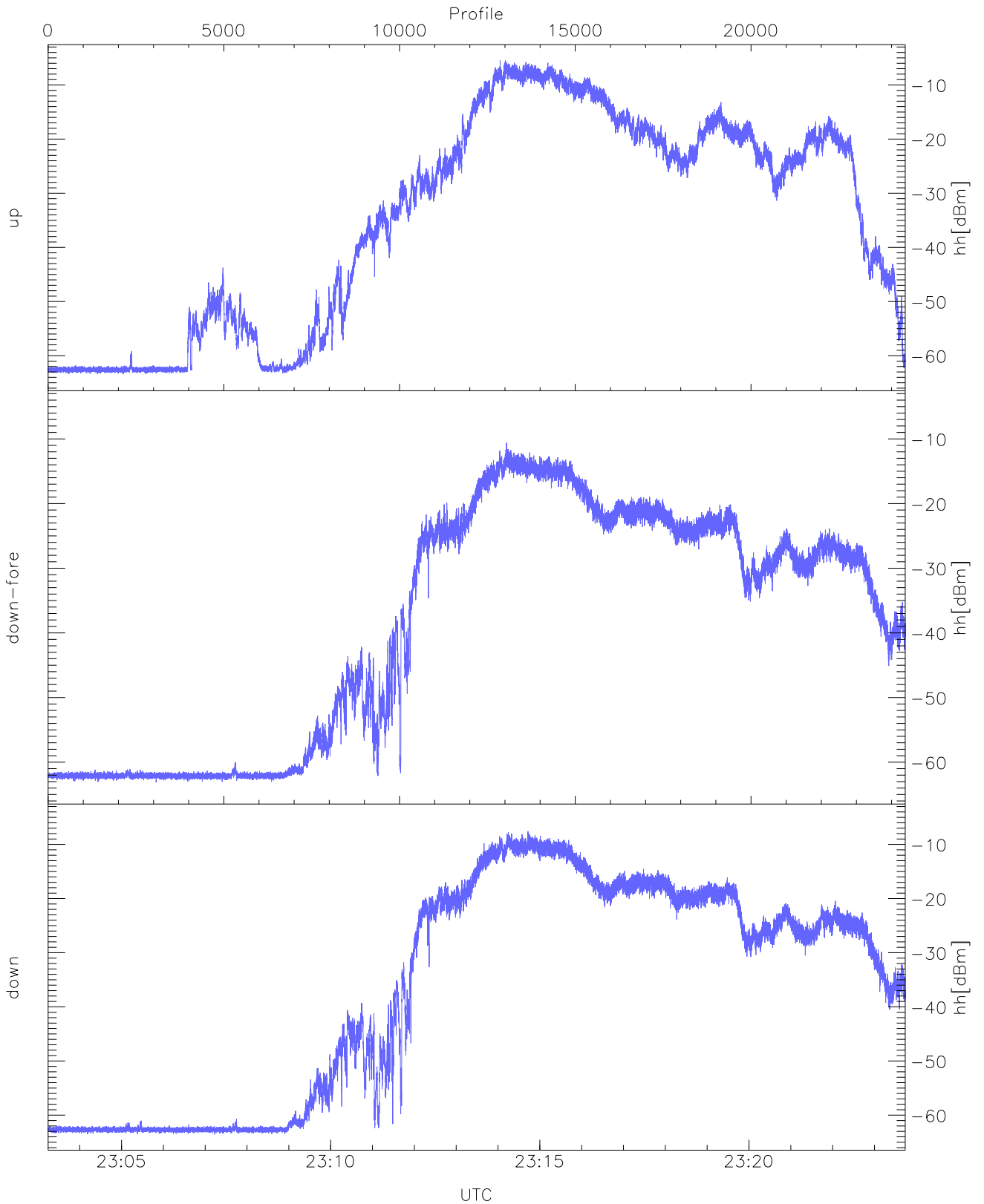
WCR2 CPP Averaged Received power for all recorded gates
blue: 230315-231329, 12196 profiles averaged
red: 231329-232344, 12195 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 230315-231329, 12196 profiles averaged
red: 231329-232344, 12195 profiles averaged

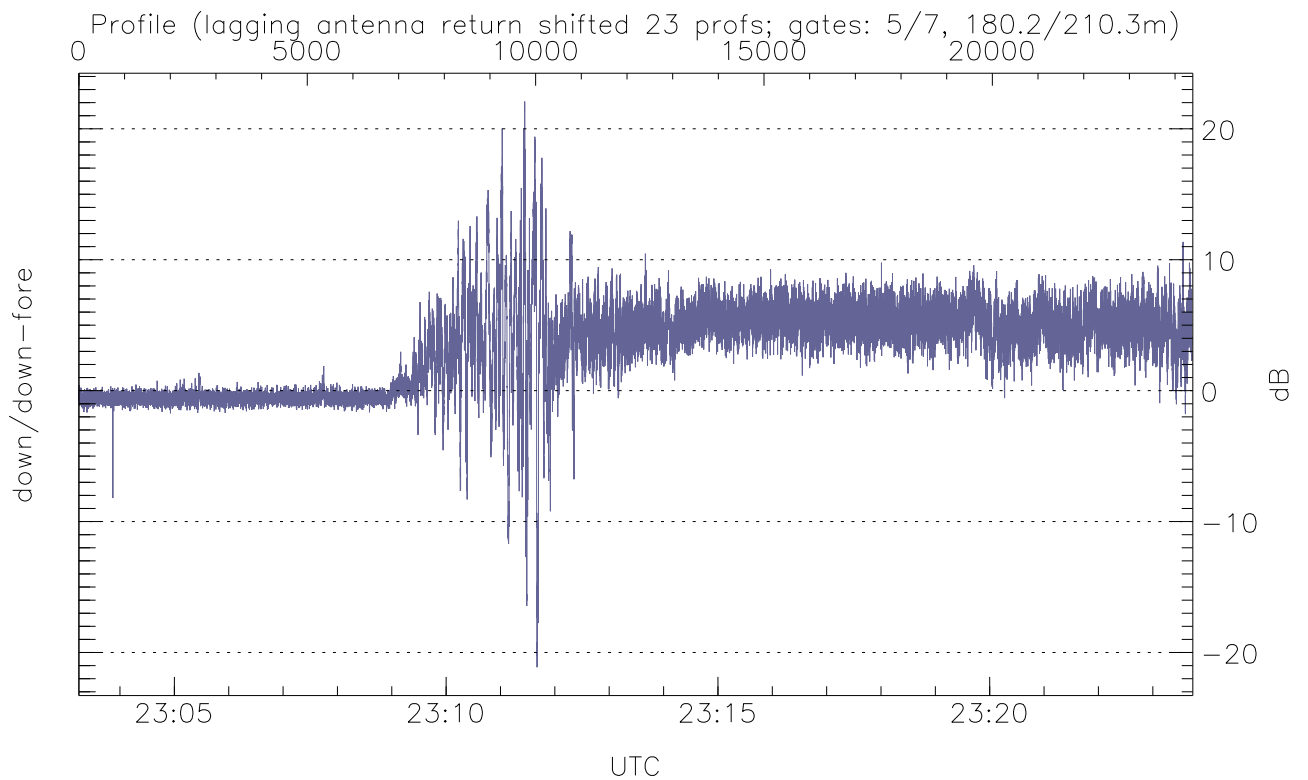
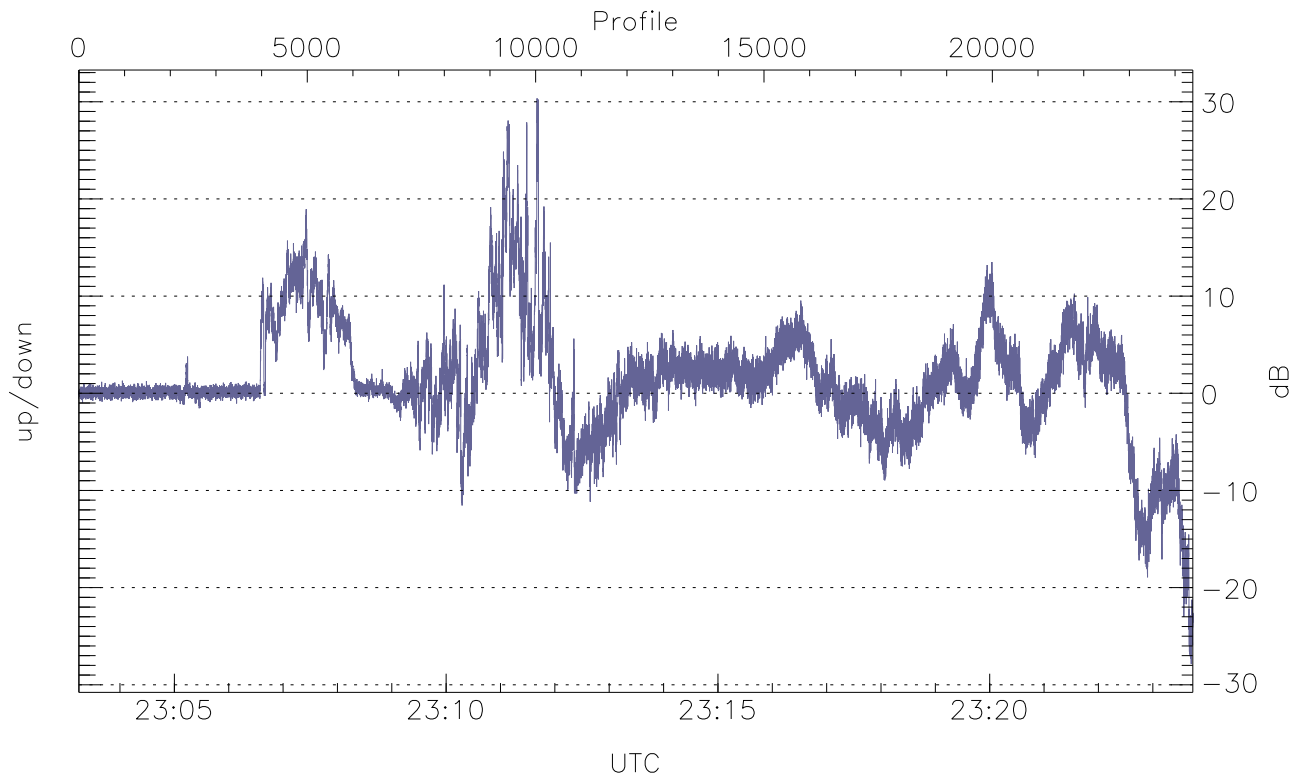


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



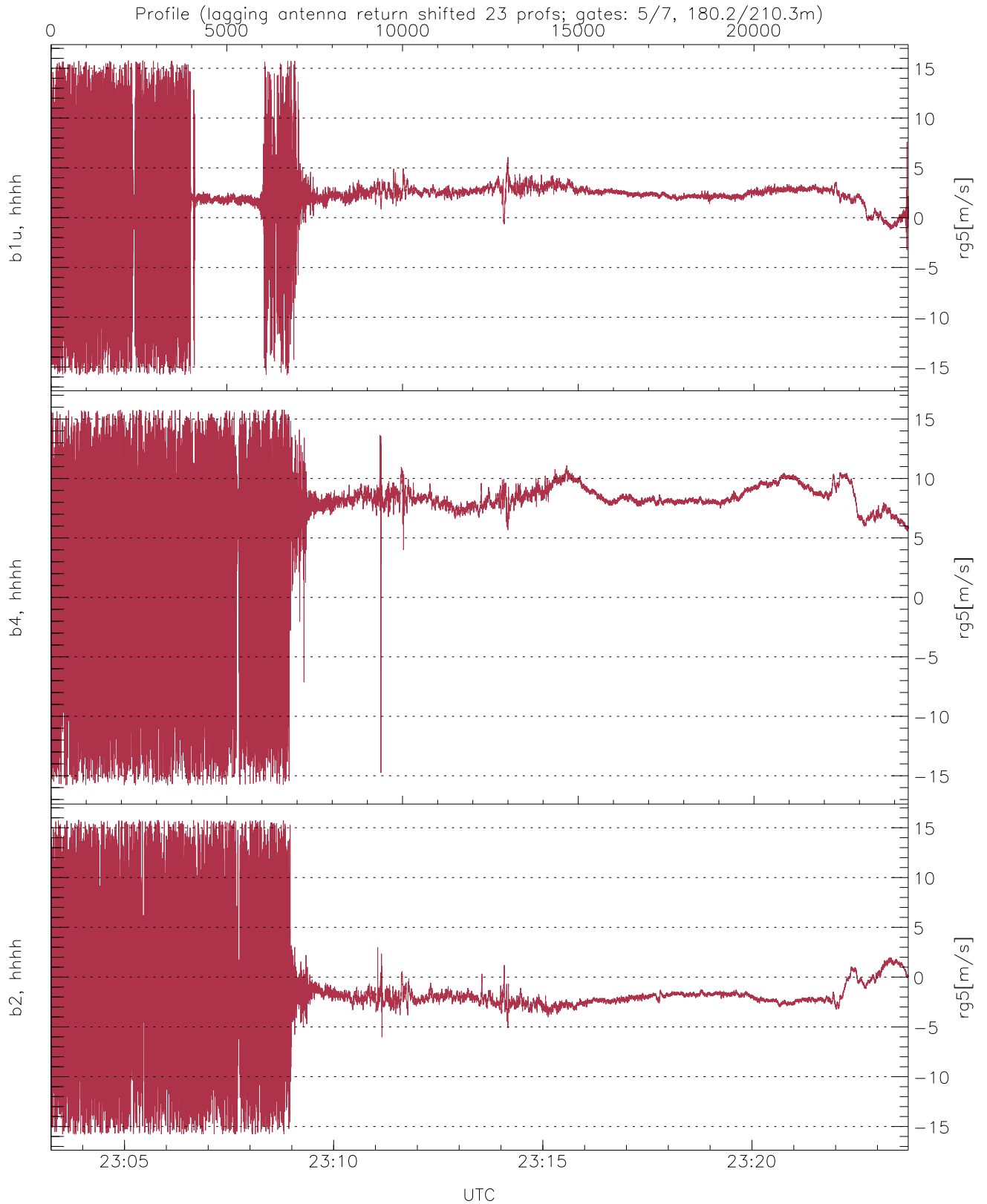
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh [dBm])	-63.40	-5.45	-16.54
down-fore(hh [dBm])	-63.12	-10.61	-22.38
down(hh [dBm])	-63.57	-7.60	-18.57



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

	Min	Max	Mean
up/down (dB)	-27.87	30.35	1.29
down/down-fore (dB)	-21.13	22.09	3.19



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.78	1.83	3.96
b4, hhhh(rg5[m/s])	-15.80	15.79	6.13	6.01
b2, hhhh(rg5[m/s])	-15.80	15.79	-1.44	4.80