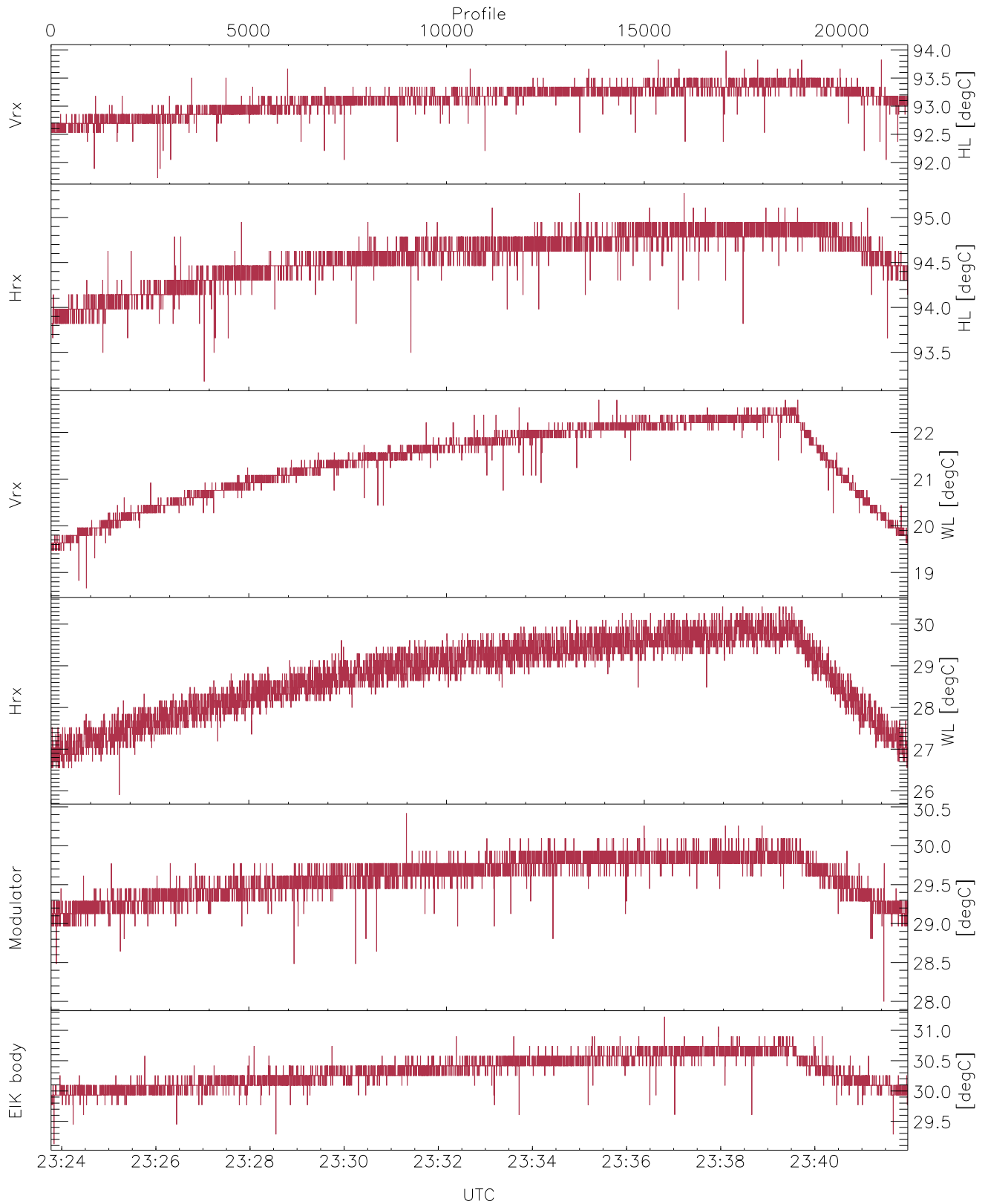


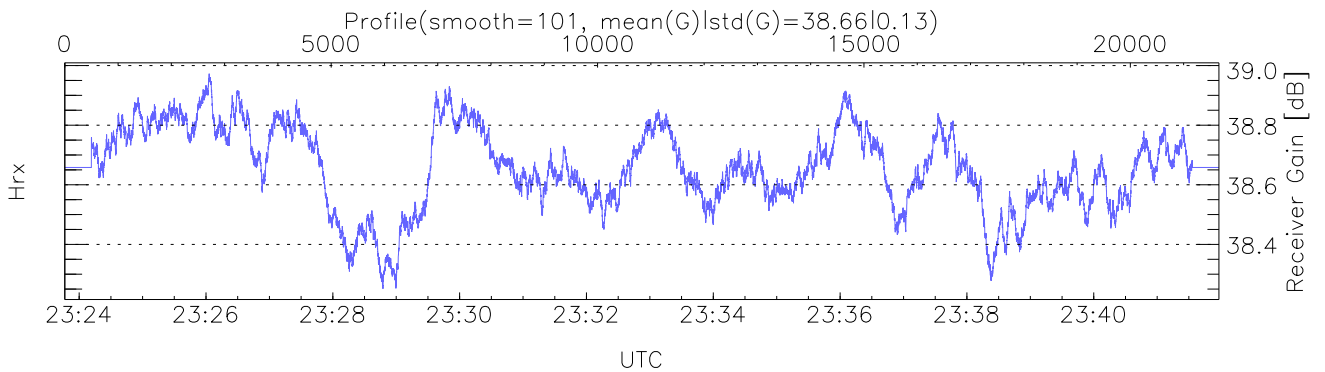
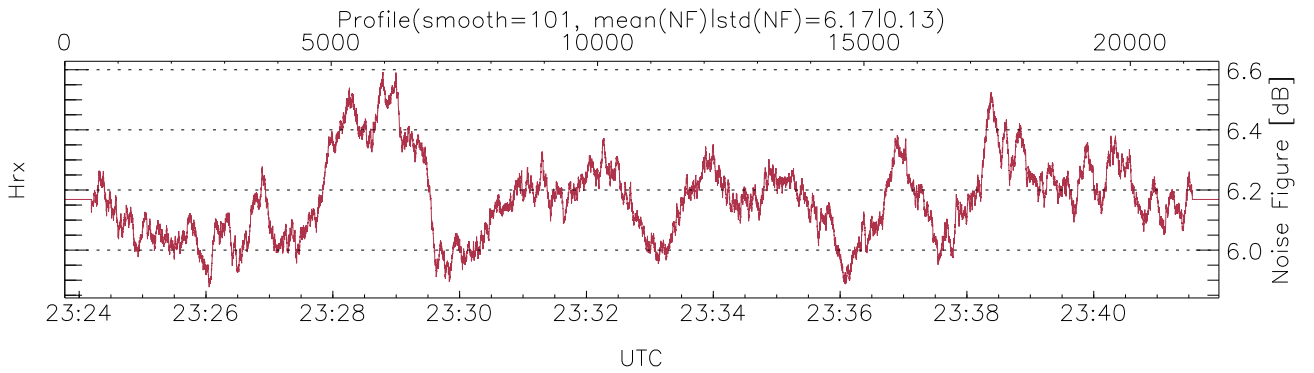
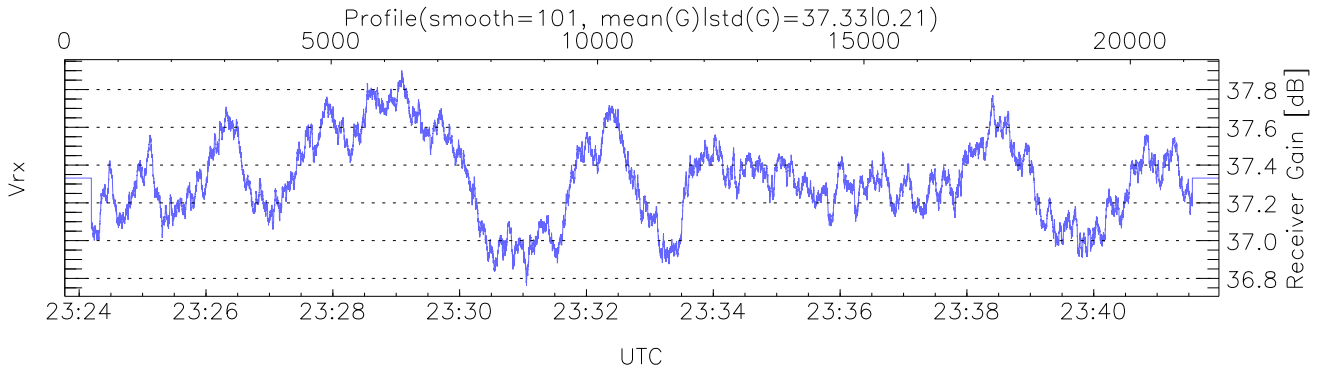
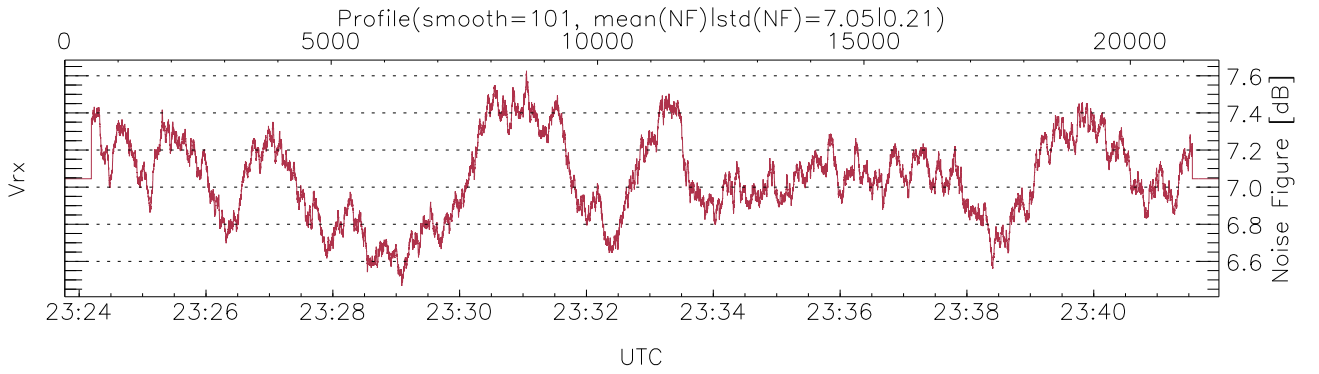
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:23:46-23:41:58, Dur: 1092.09s
 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): 21664/21664, 0-21663/23:23:46-23:41:58
 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



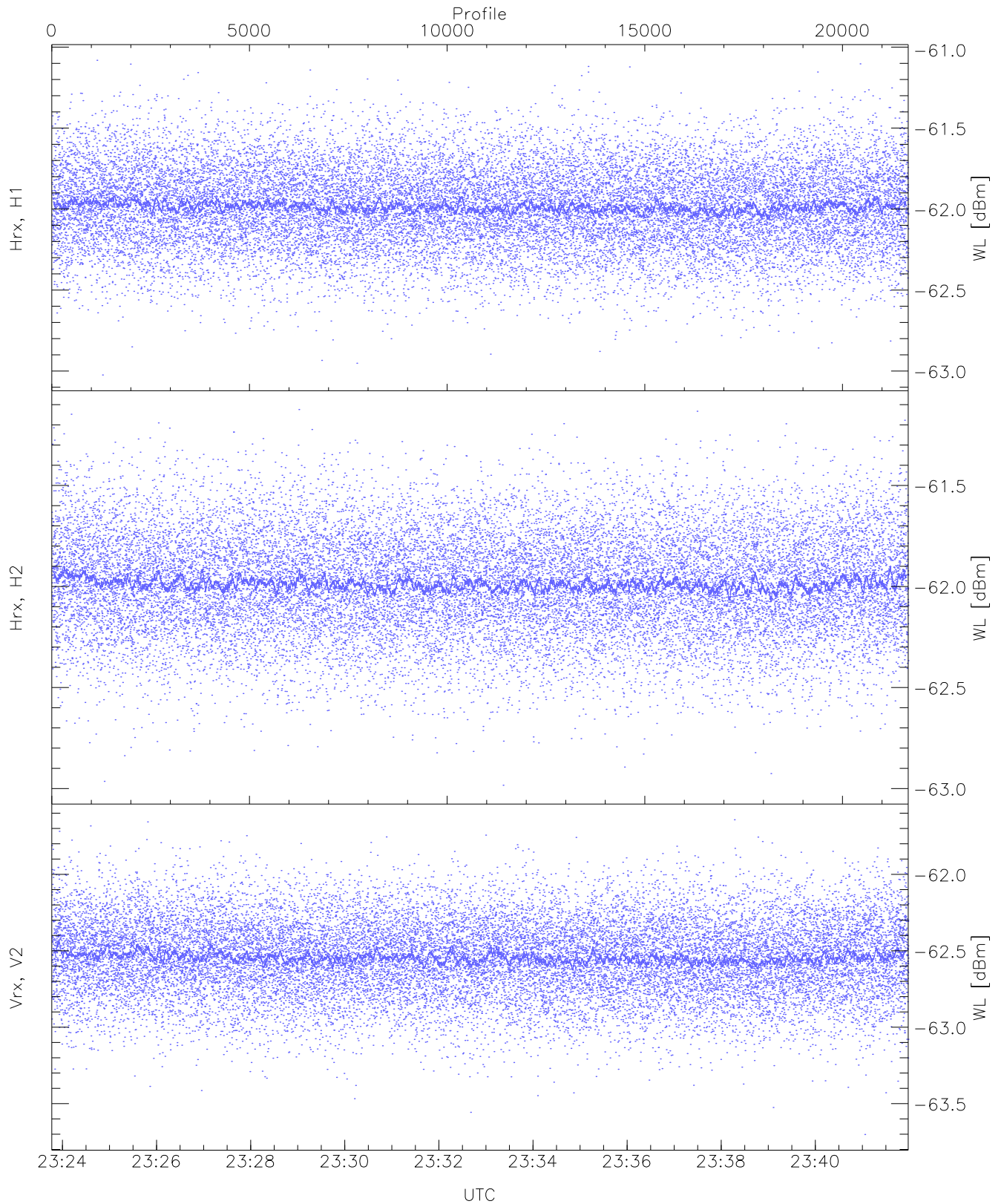
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,18,25,28,29
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,30,31
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,10)



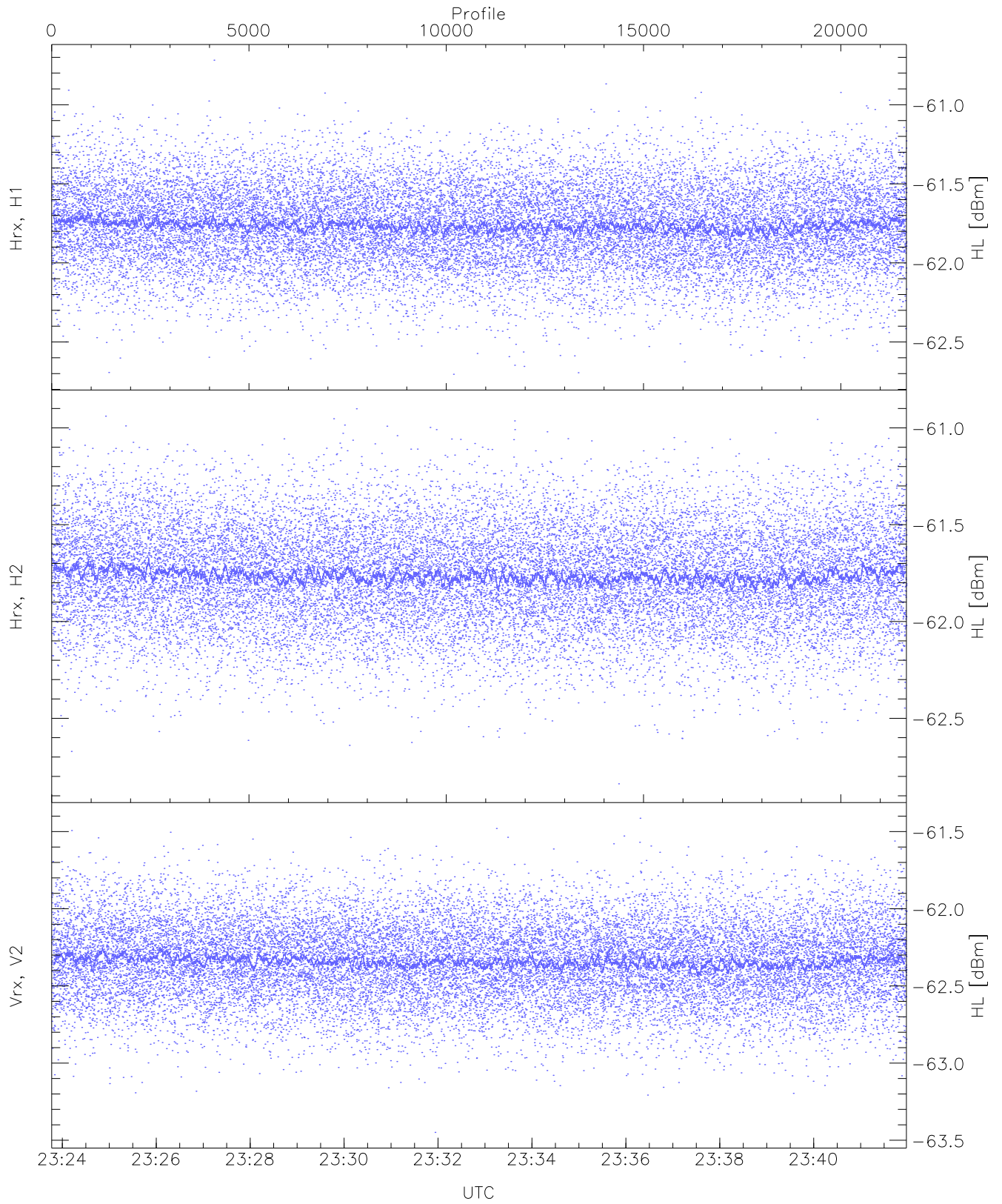
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 119 pixs, 11 gates, 119 profs, 1 prods



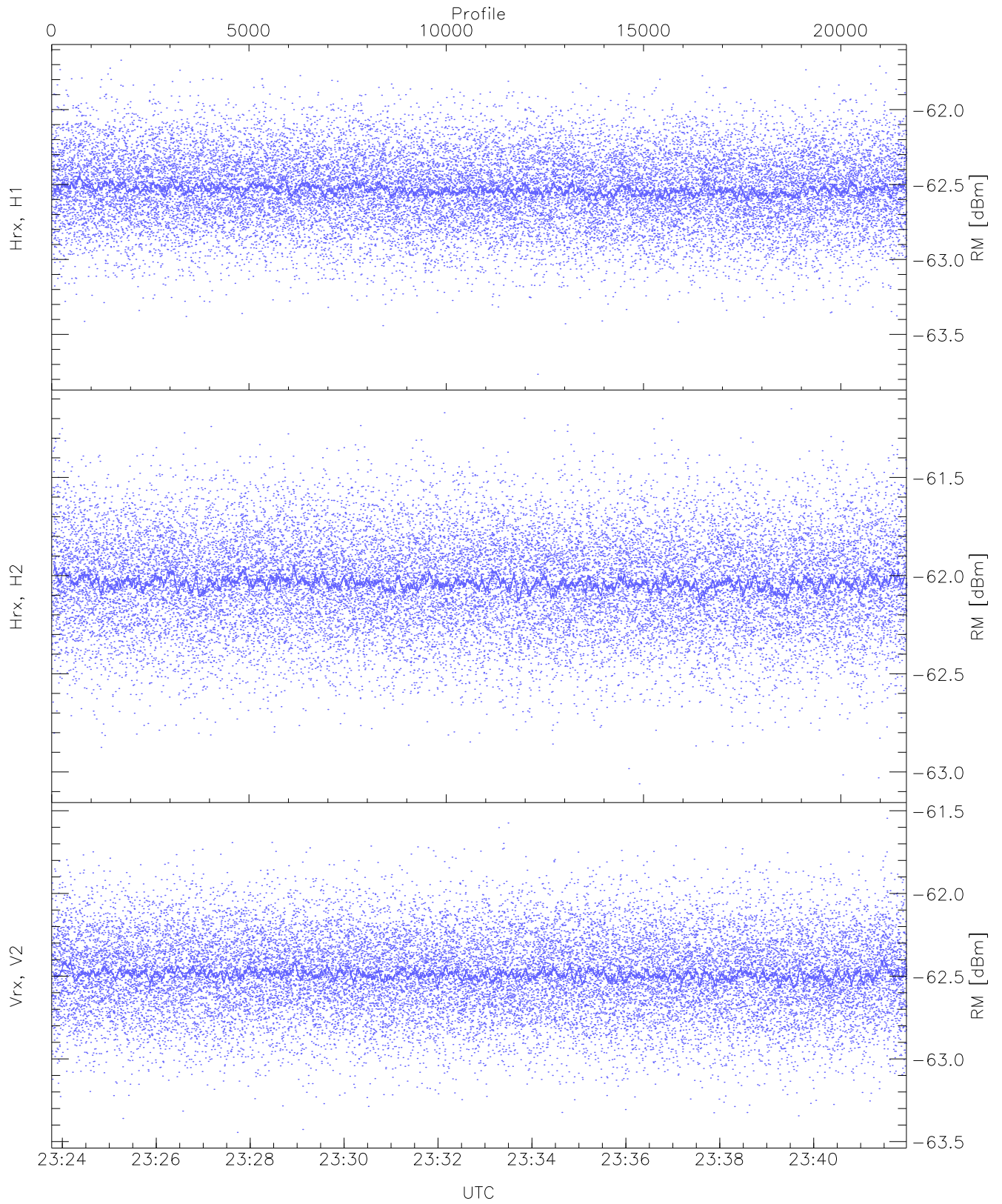
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.02	-61.08	-61.98	-61.99	-74.55
Hrx, H2 (WL [dBm])	-62.98	-61.12	-61.98	-61.99	-74.56
Vrx, V2 (WL [dBm])	-63.70	-61.64	-62.54	-62.54	-75.08



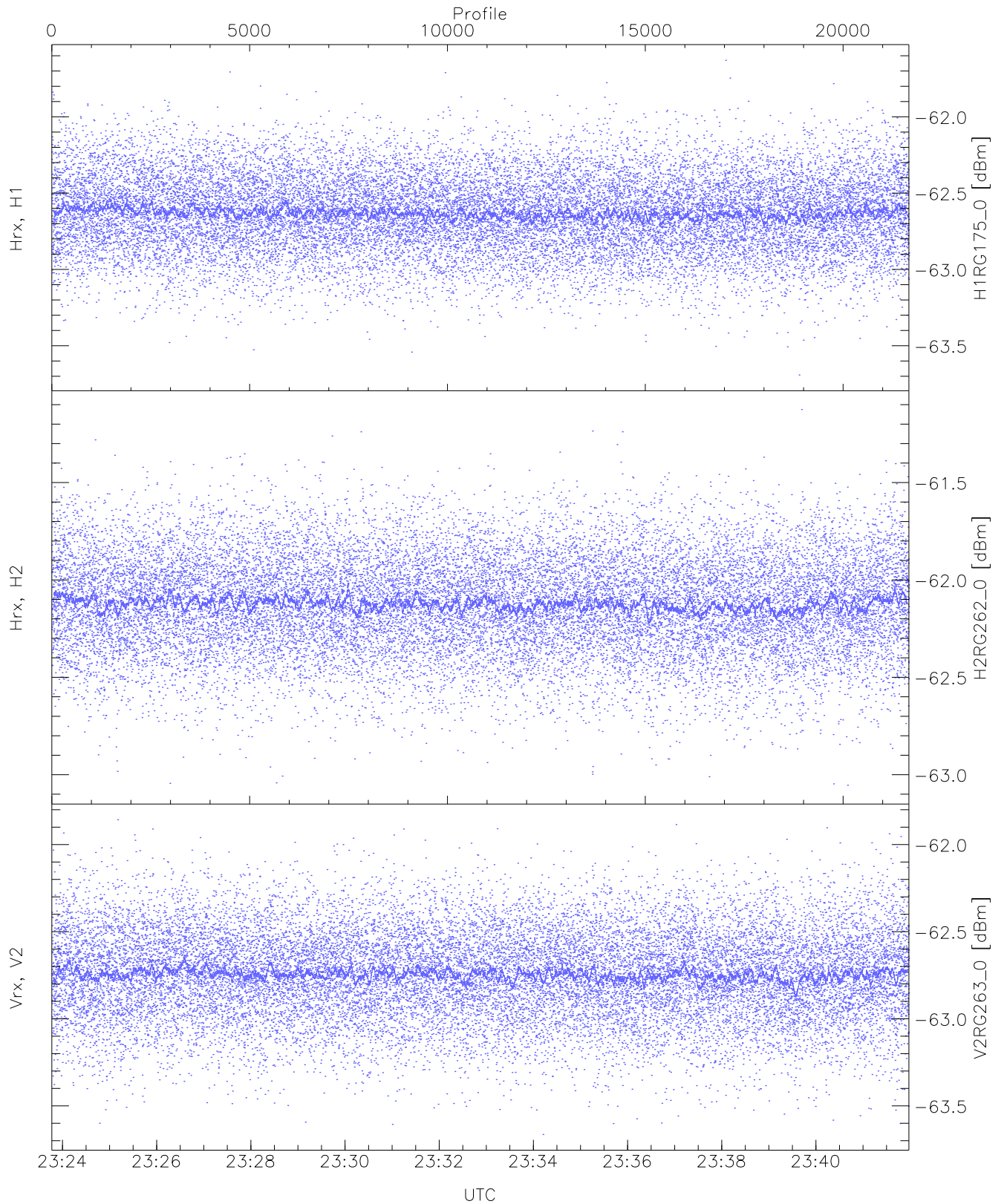
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.70	-60.72	-61.76	-61.76	-74.31
Hrx, H2 (HL [dBm])	-62.84	-60.90	-61.76	-61.76	-74.34
Vrx, V2 (HL [dBm])	-63.45	-61.41	-62.34	-62.34	-74.93



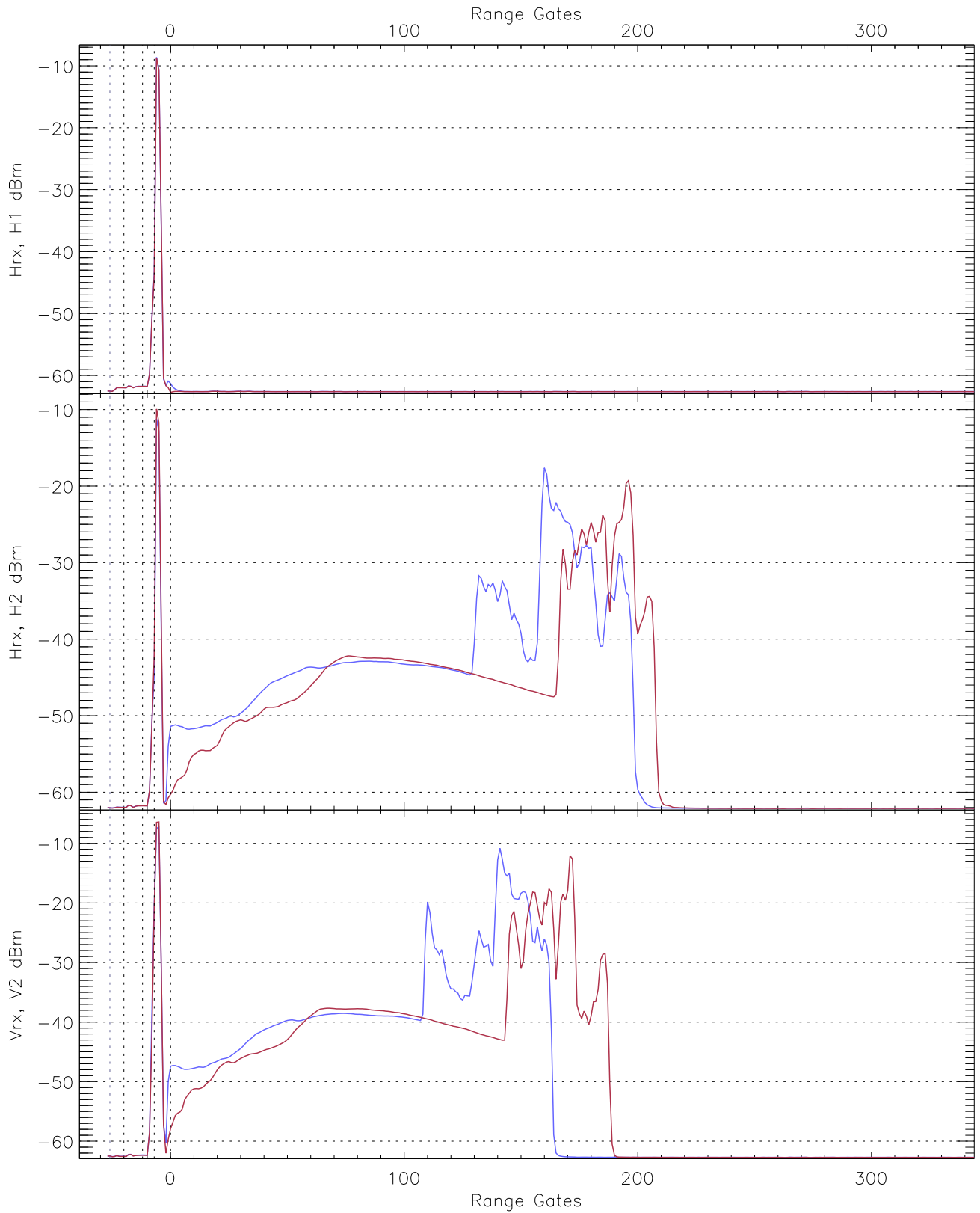
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.77	-61.67	-62.53	-62.53	-75.07
Hrx, H2 (RM [dBm])	-63.06	-61.15	-62.03	-62.04	-74.63
Vrx, V2 (RM [dBm])	-63.44	-61.55	-62.48	-62.49	-75.04

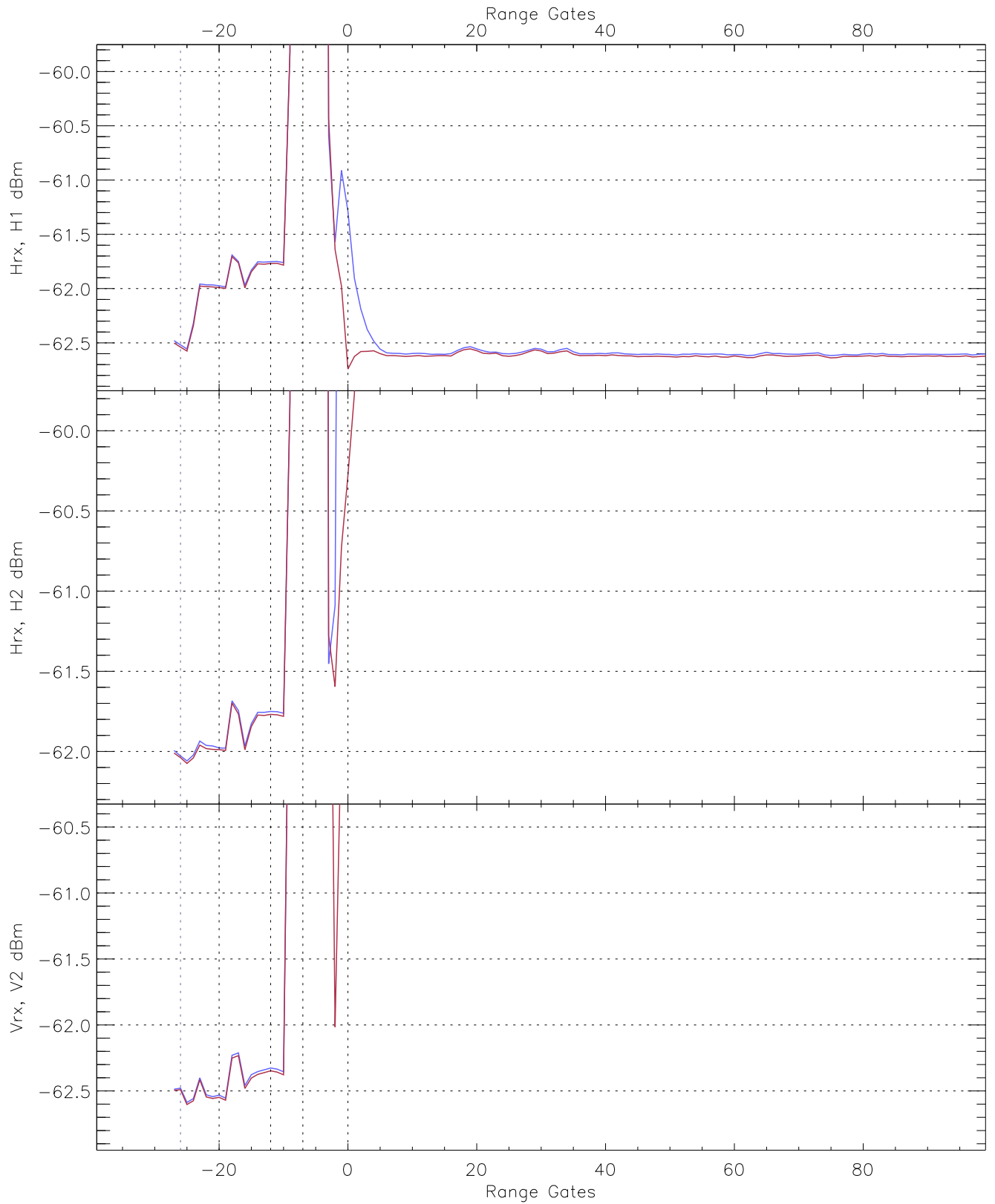


WCR2 CPP "Best" estimate Receivers Noise Power

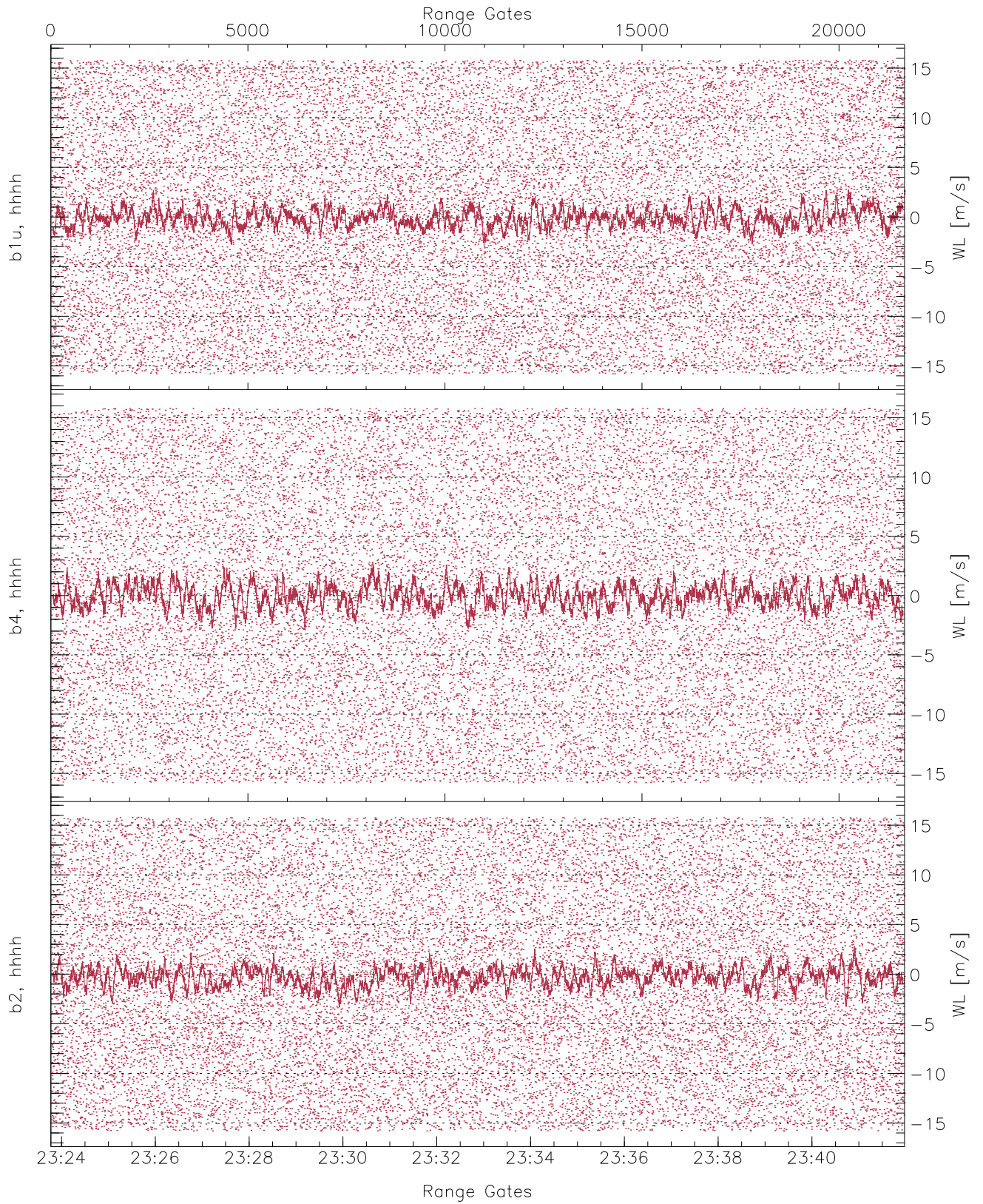
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.69	-61.63	-62.63	-62.63	-75.15
H2RG262_0 [dBm]	-63.05	-61.12	-62.12	-62.12	-74.71
V2RG263_0 [dBm]	-63.66	-61.86	-62.74	-62.75	-75.25



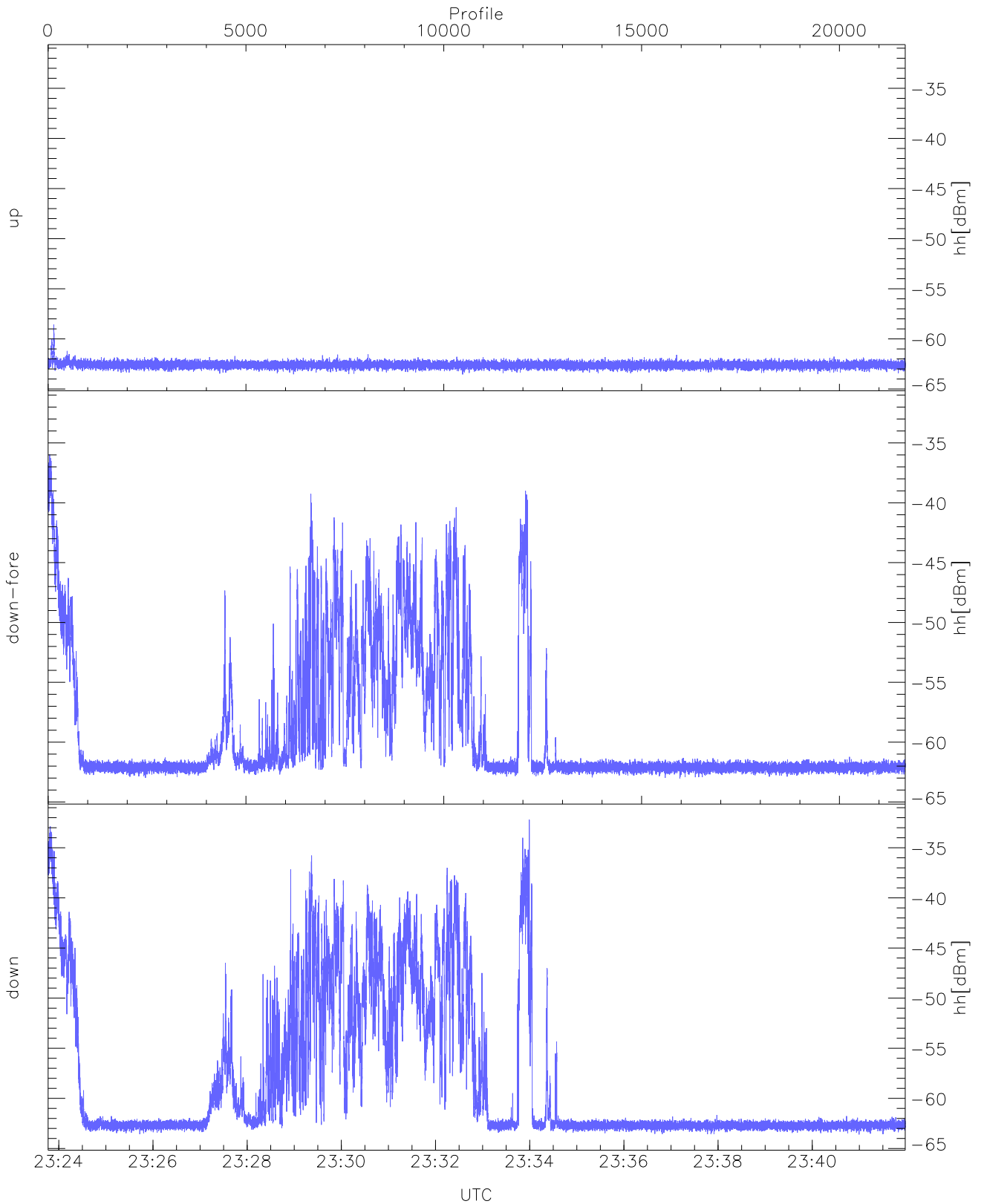
WCR2 CPP Averaged Received power for all recorded gates
blue: 232346-233252, 10833 profiles averaged
red: 233252-234158, 10832 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 232346-233252, 10833 profiles averaged
red: 233252-234158, 10832 profiles averaged

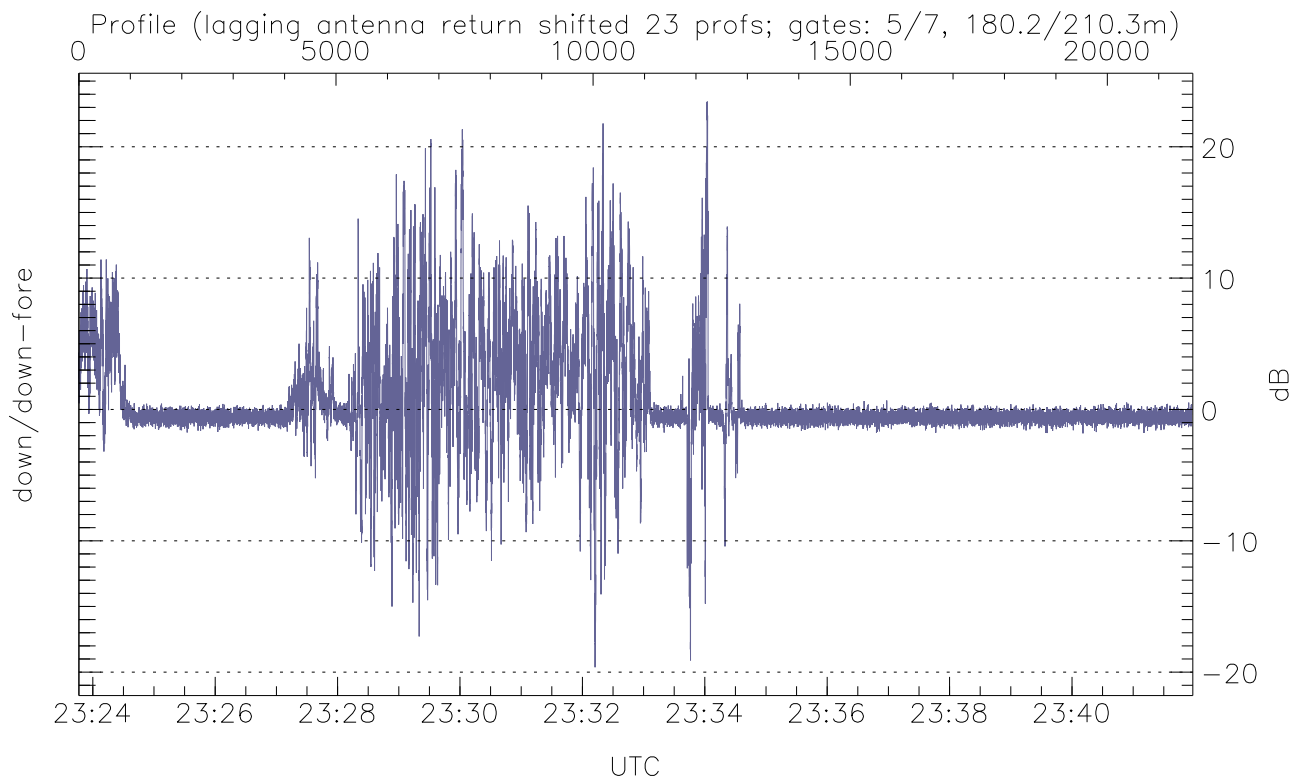
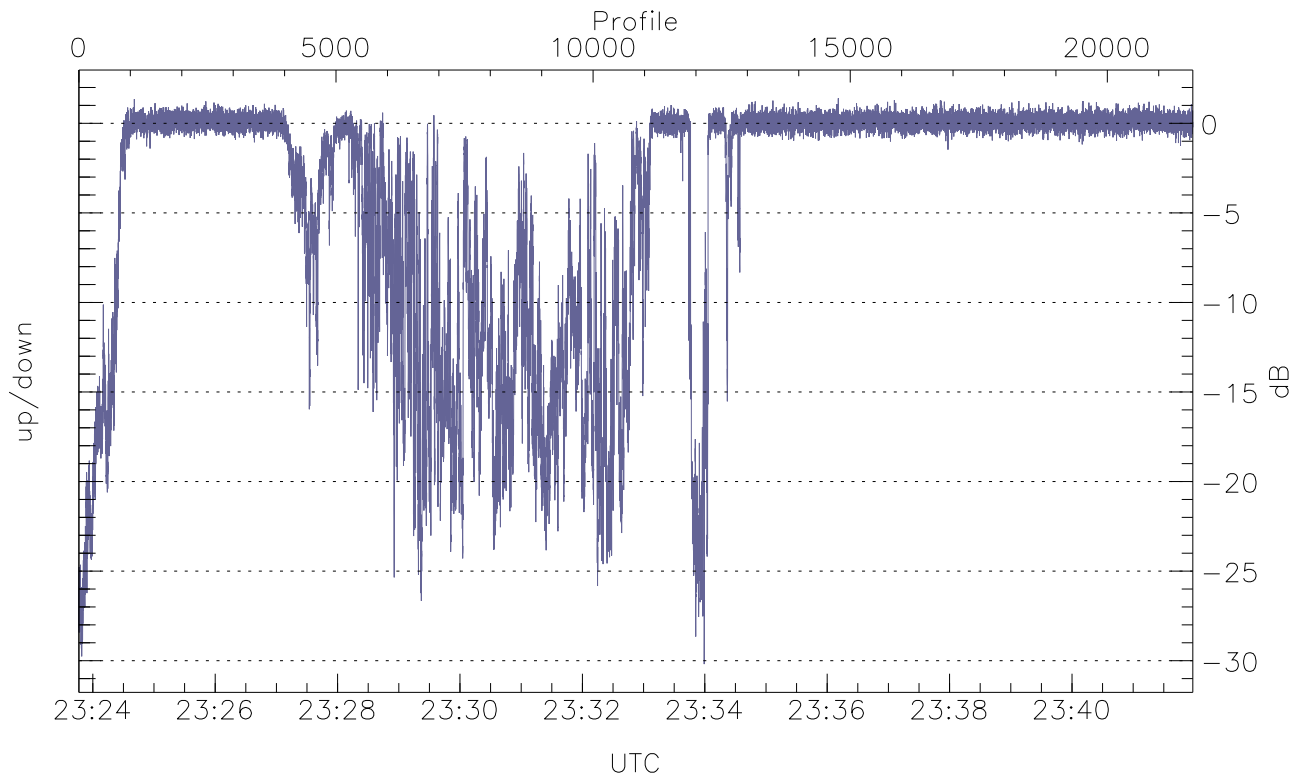


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



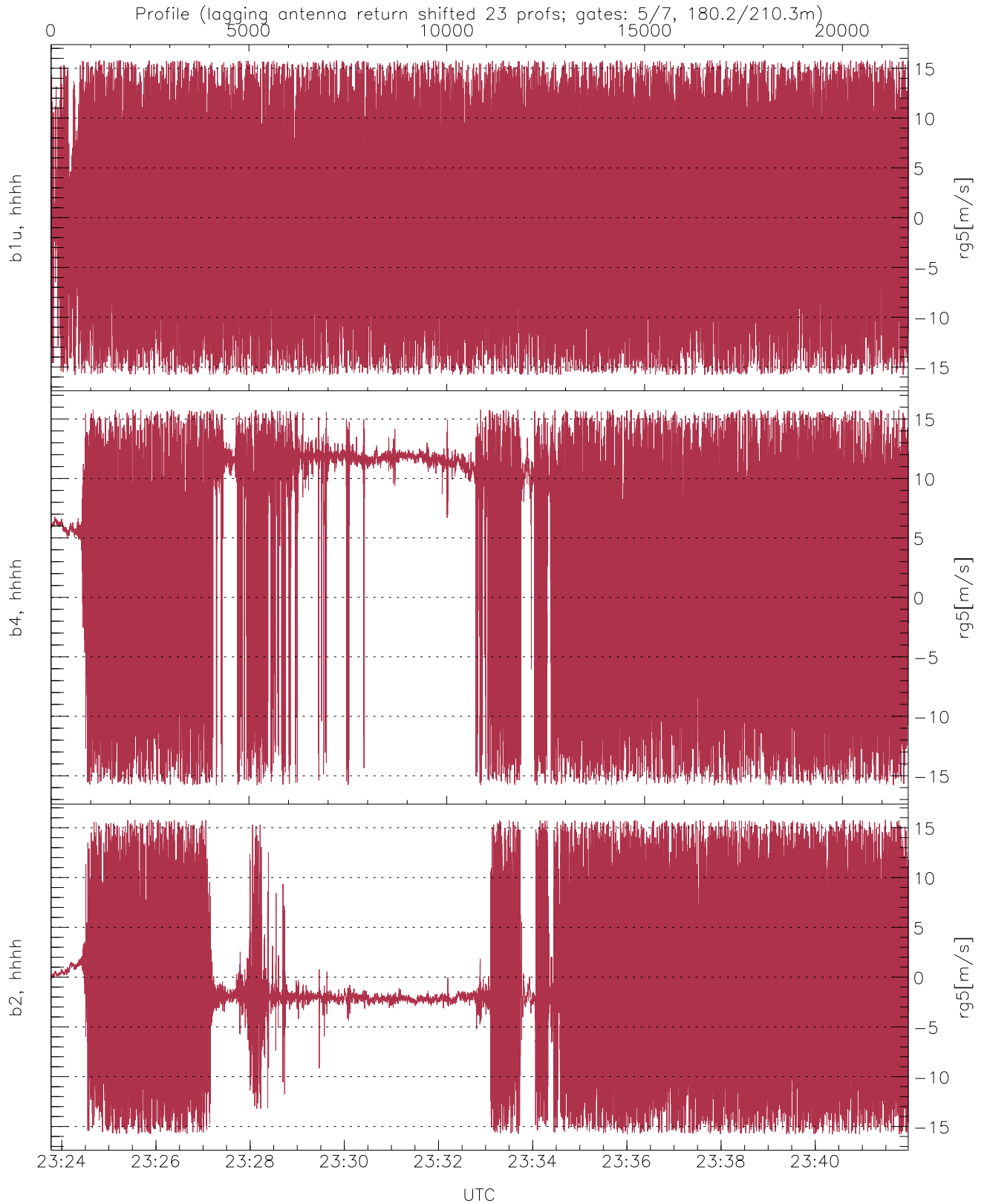
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.55	-58.57	-62.58
down-fore(hh[dBm])	-63.03	-35.96	-53.59
down(hh[dBm])	-63.60	-32.21	-50.00



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

	Min	Max	Mean
up/down (dB)	-30.19	1.40	-4.28
down/down-fore (dB)	-19.63	23.45	0.68



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.14	8.98
b4, hhhh(rg5[m/s])	-15.80	15.80	3.75	9.05
b2, hhhh(rg5[m/s])	-15.79	15.80	-0.95	7.01