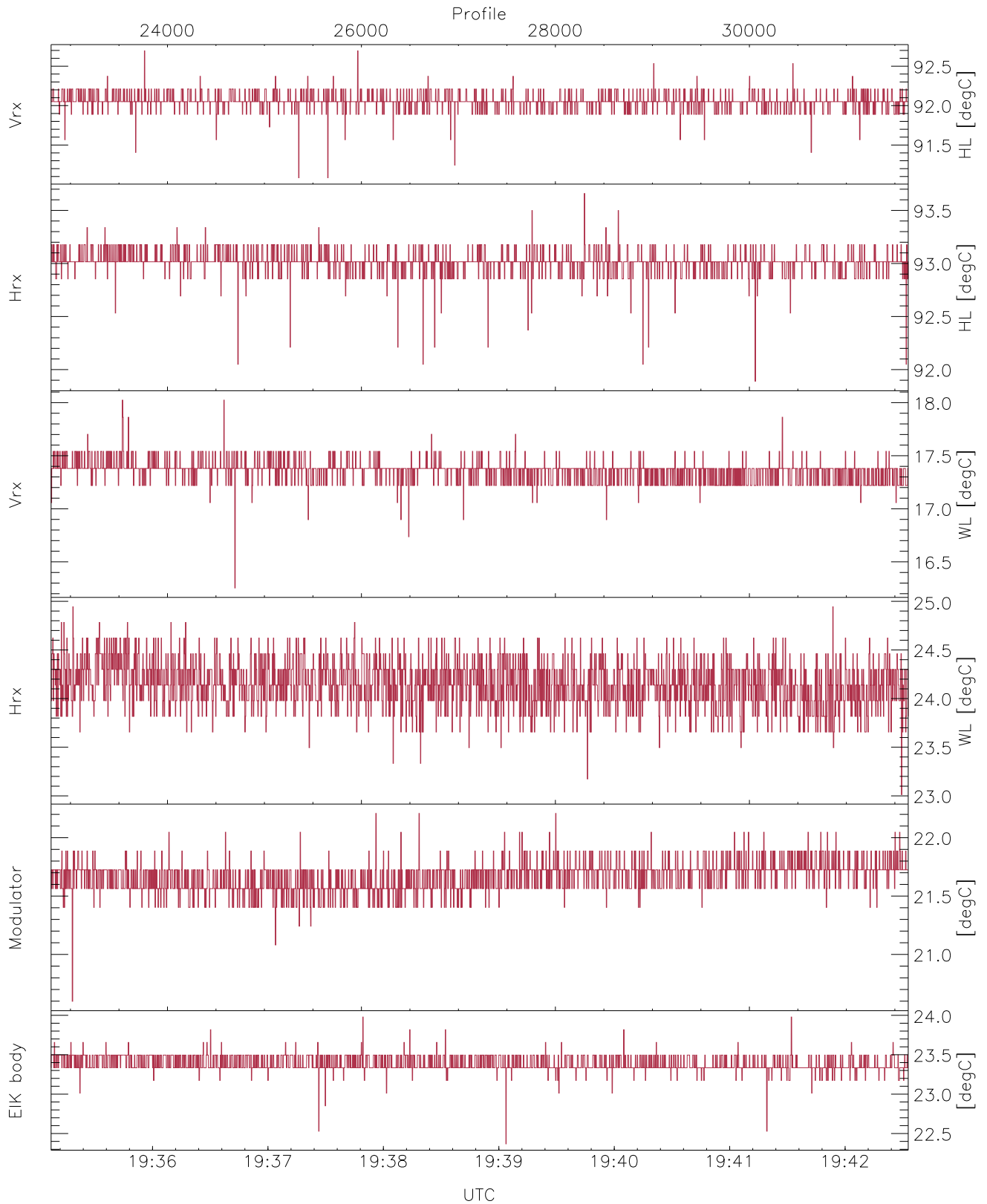


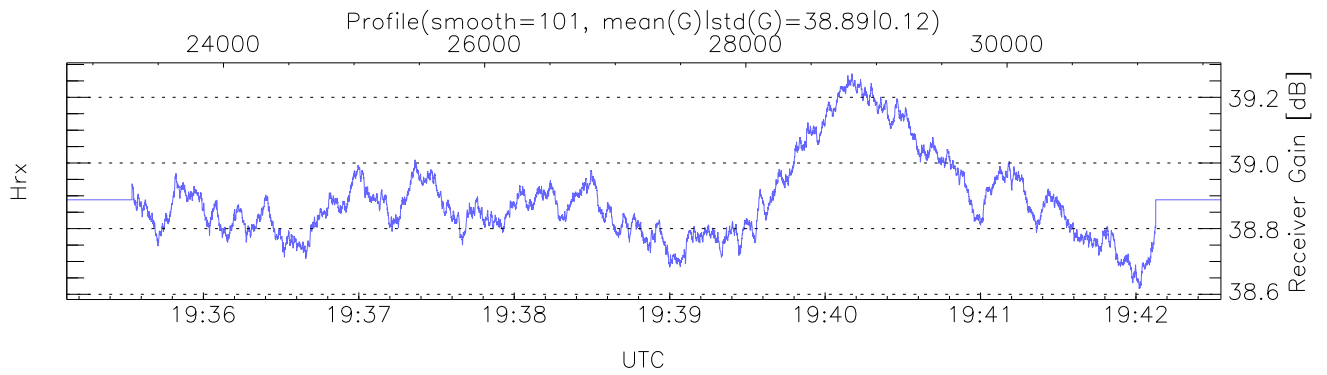
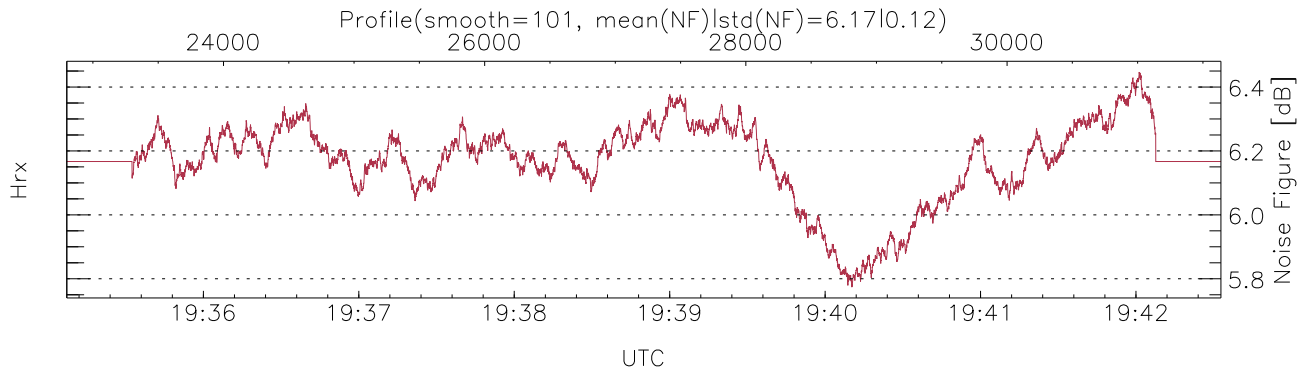
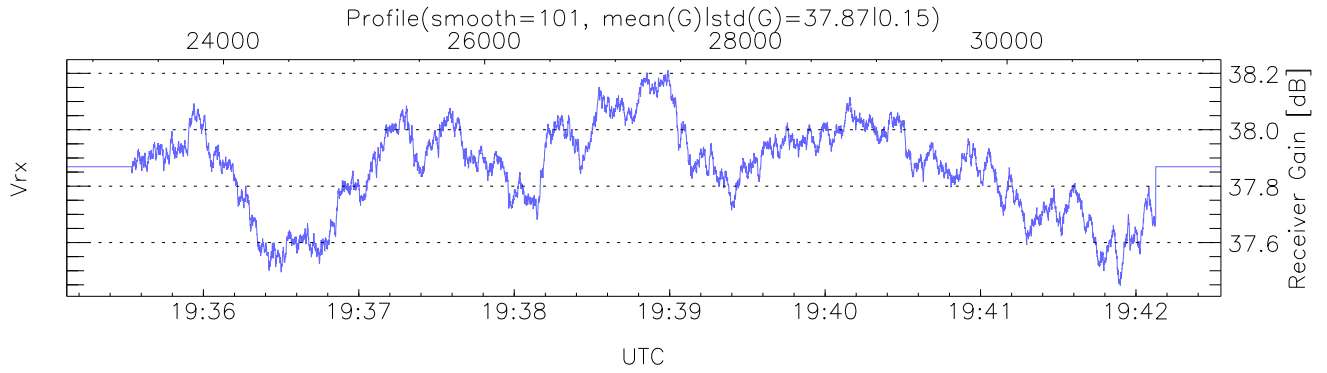
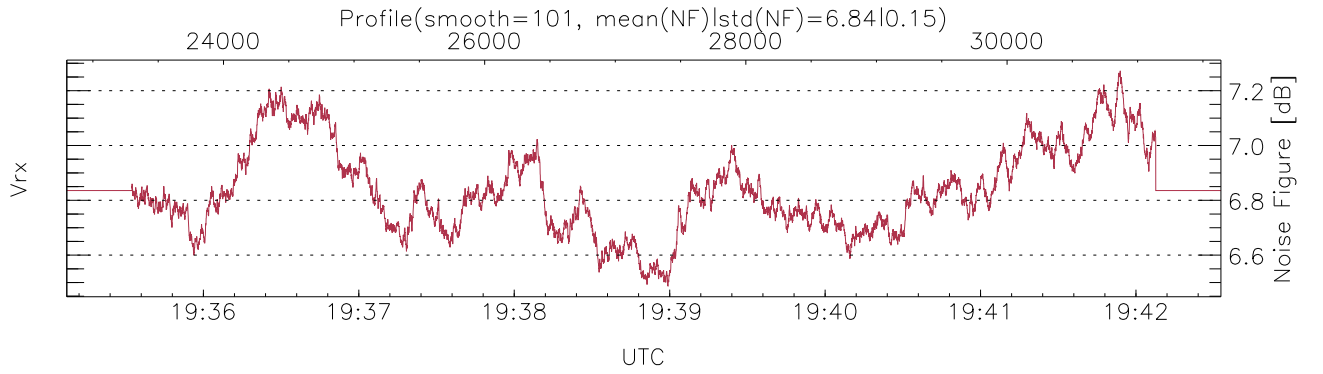
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:15:58-19:42:33, Dur: 1594.95s  
 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): 8839/31639, 22800-31638/19:35:07-19:42:33  
 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,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



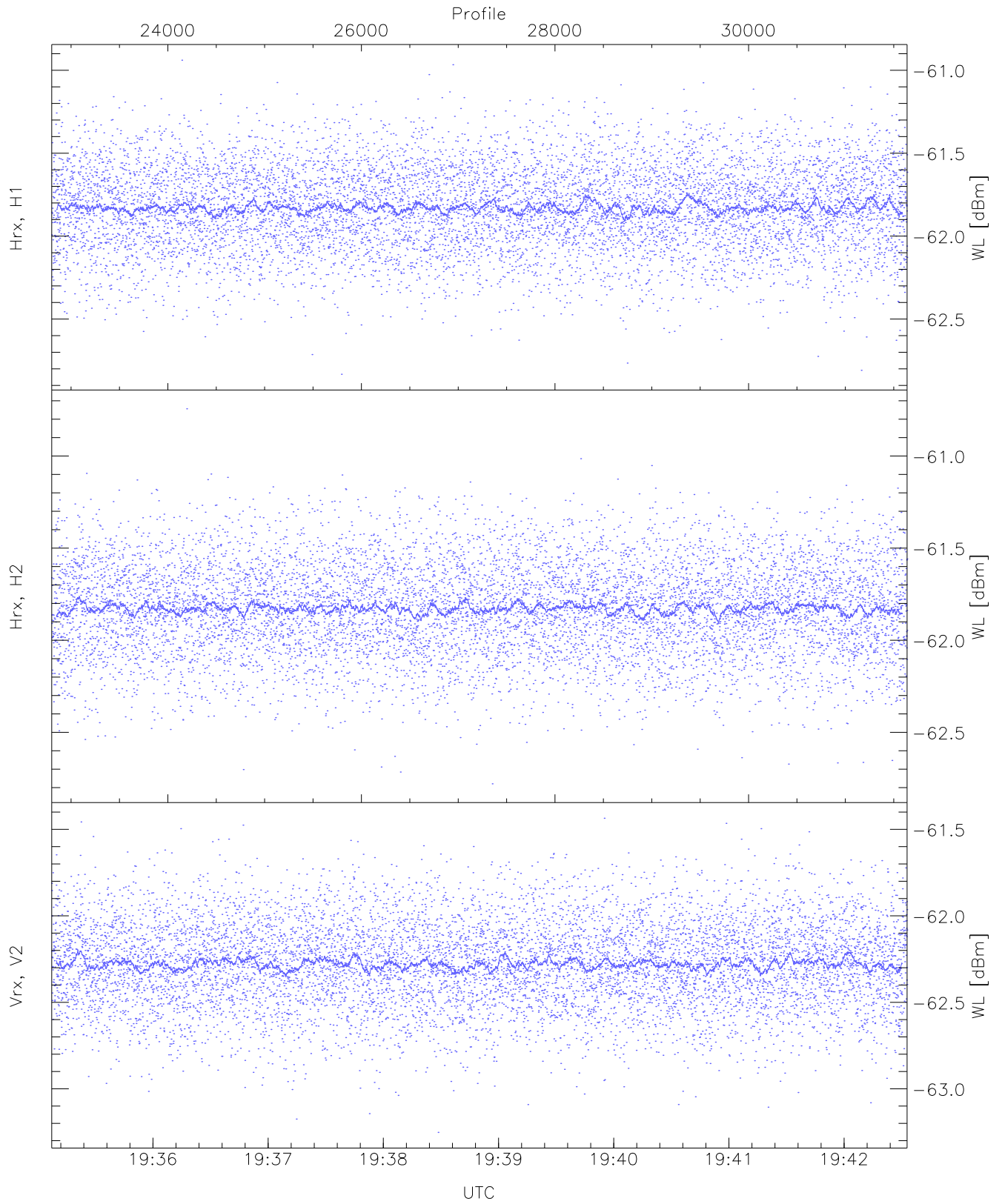
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,16,23,20,22`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,24,22,23`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty (5,5,10,10,5)`



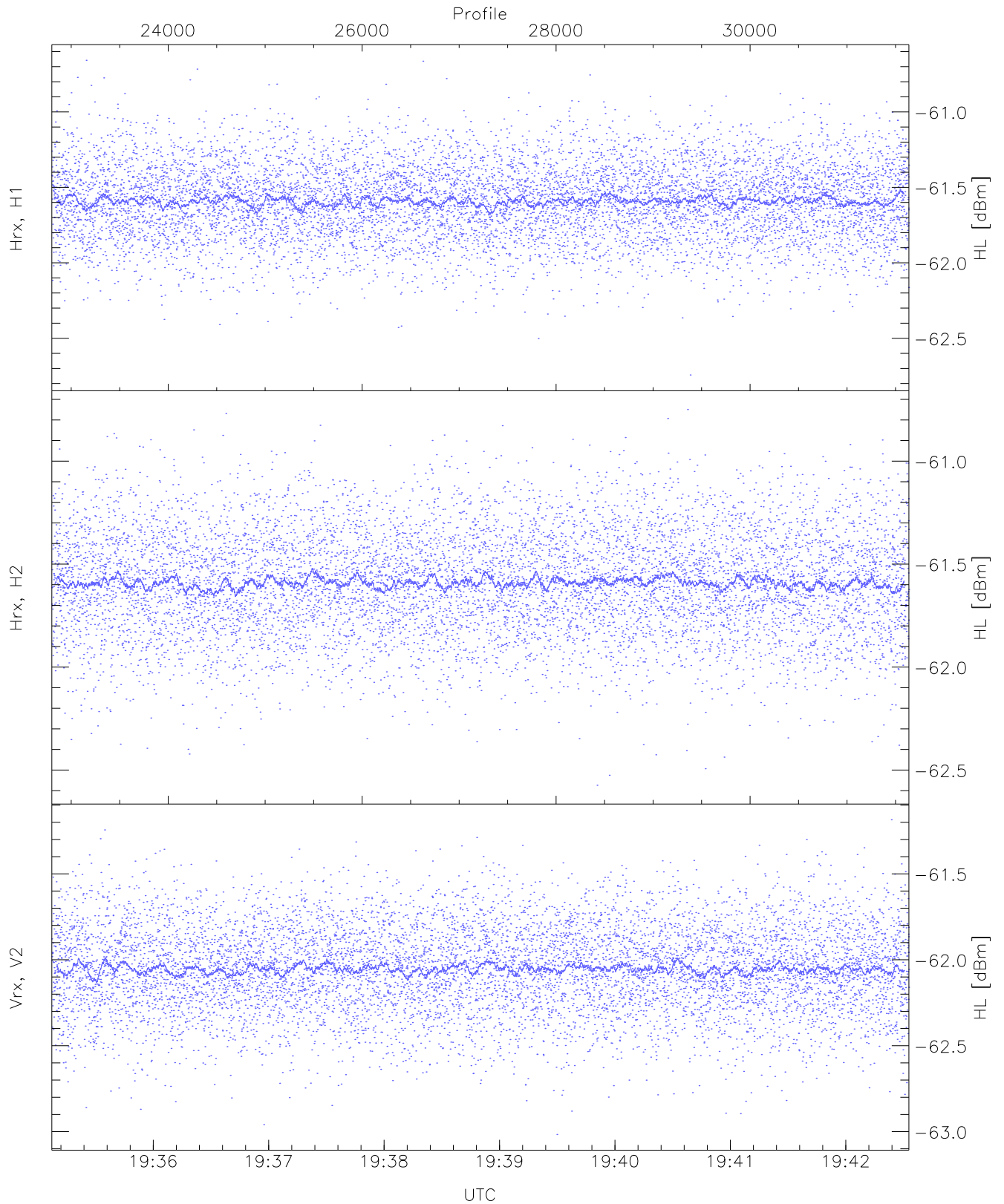
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5422 pixs, 22 gates, 5177 profs, 2 prods



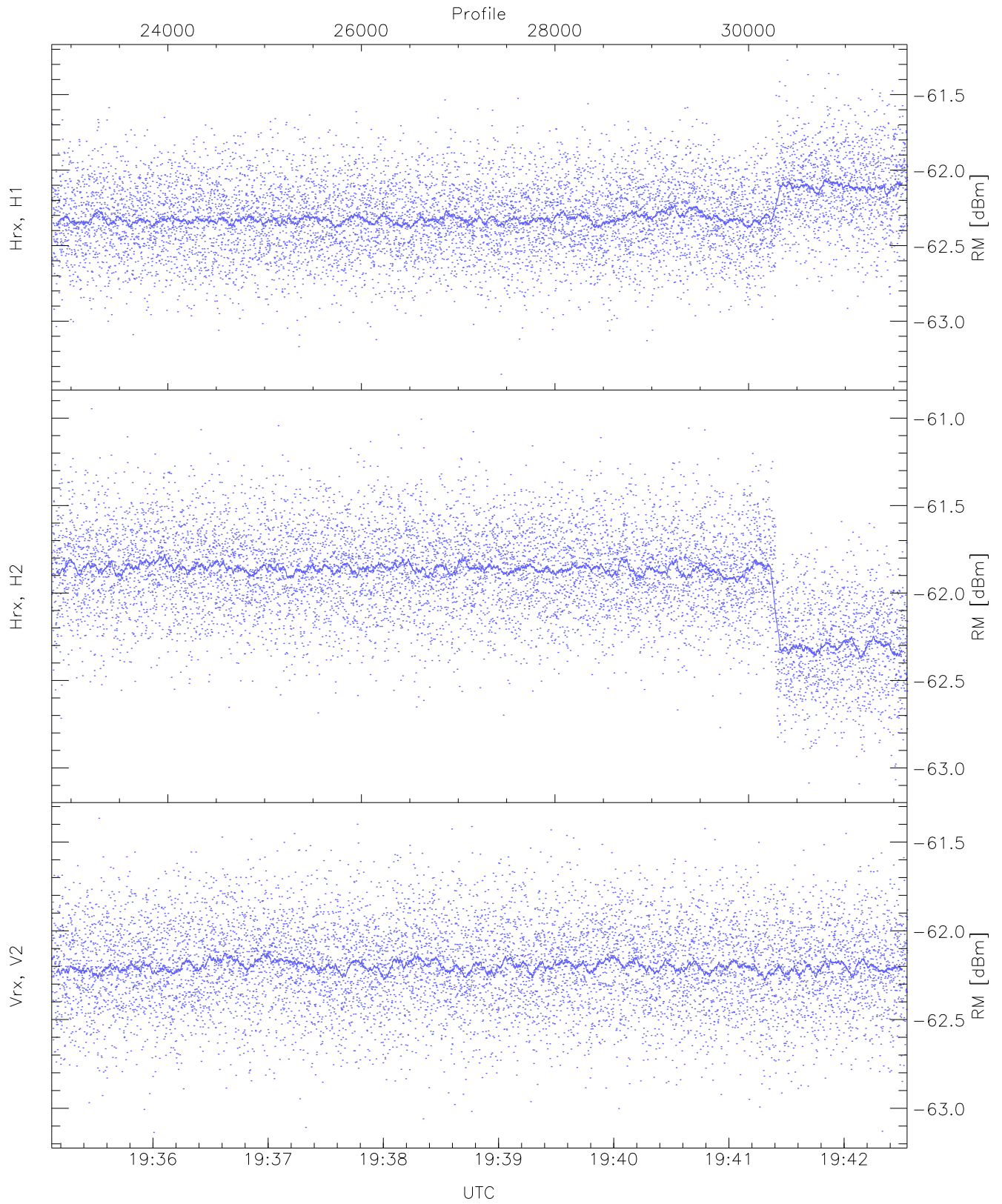
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.83	-60.94	-61.82	-61.83	-74.32
Hrx, H2(WL [dBm])	-62.78	-60.74	-61.82	-61.83	-74.37
Vrx, V2(WL [dBm])	-63.25	-61.44	-62.27	-62.28	-74.83



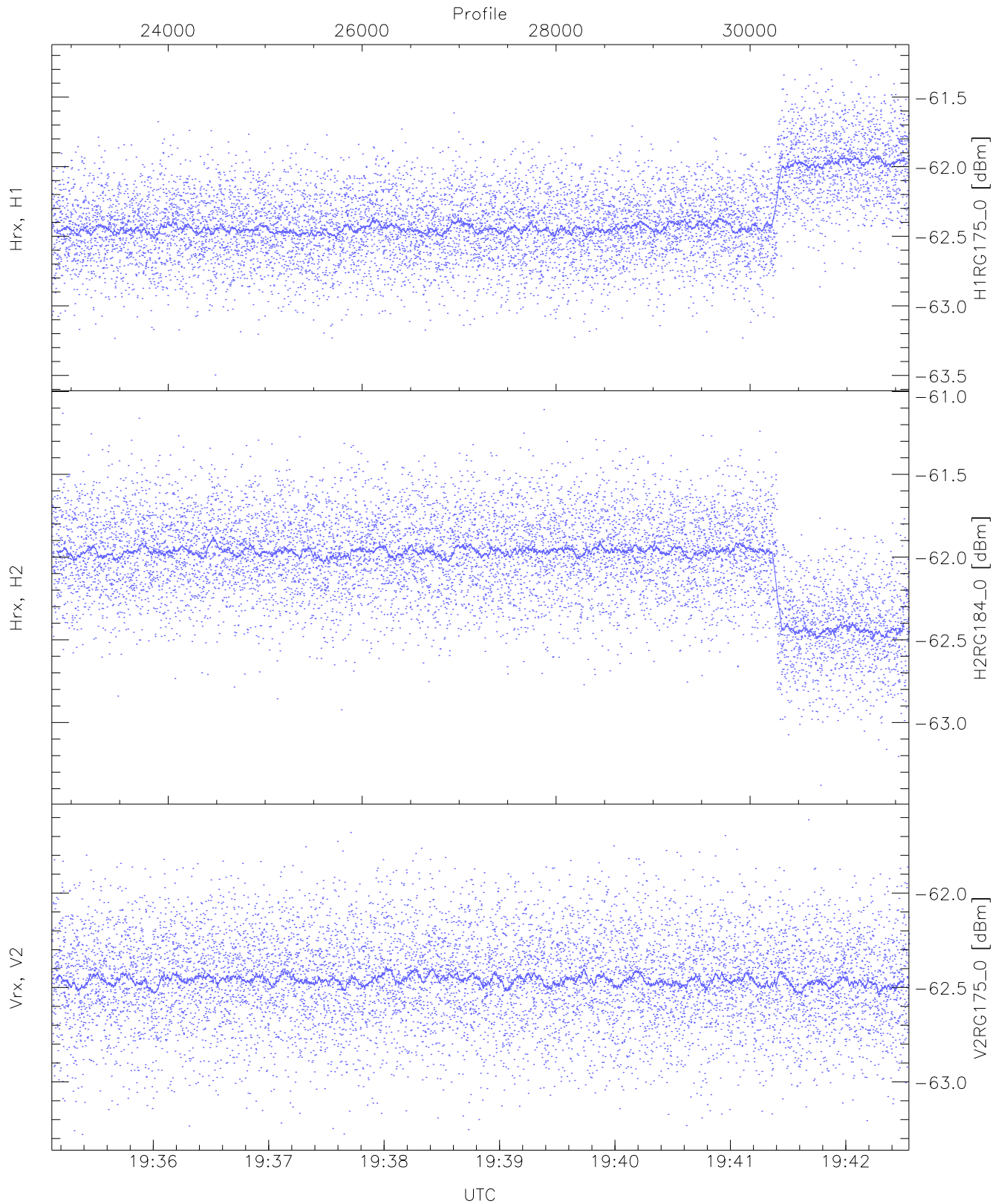
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.74	-60.66	-61.59	-61.59	-74.18
Hrx, H2 (HL [dBm])	-62.57	-60.75	-61.59	-61.59	-74.14
Vrx, V2 (HL [dBm])	-63.02	-61.19	-62.05	-62.05	-74.60



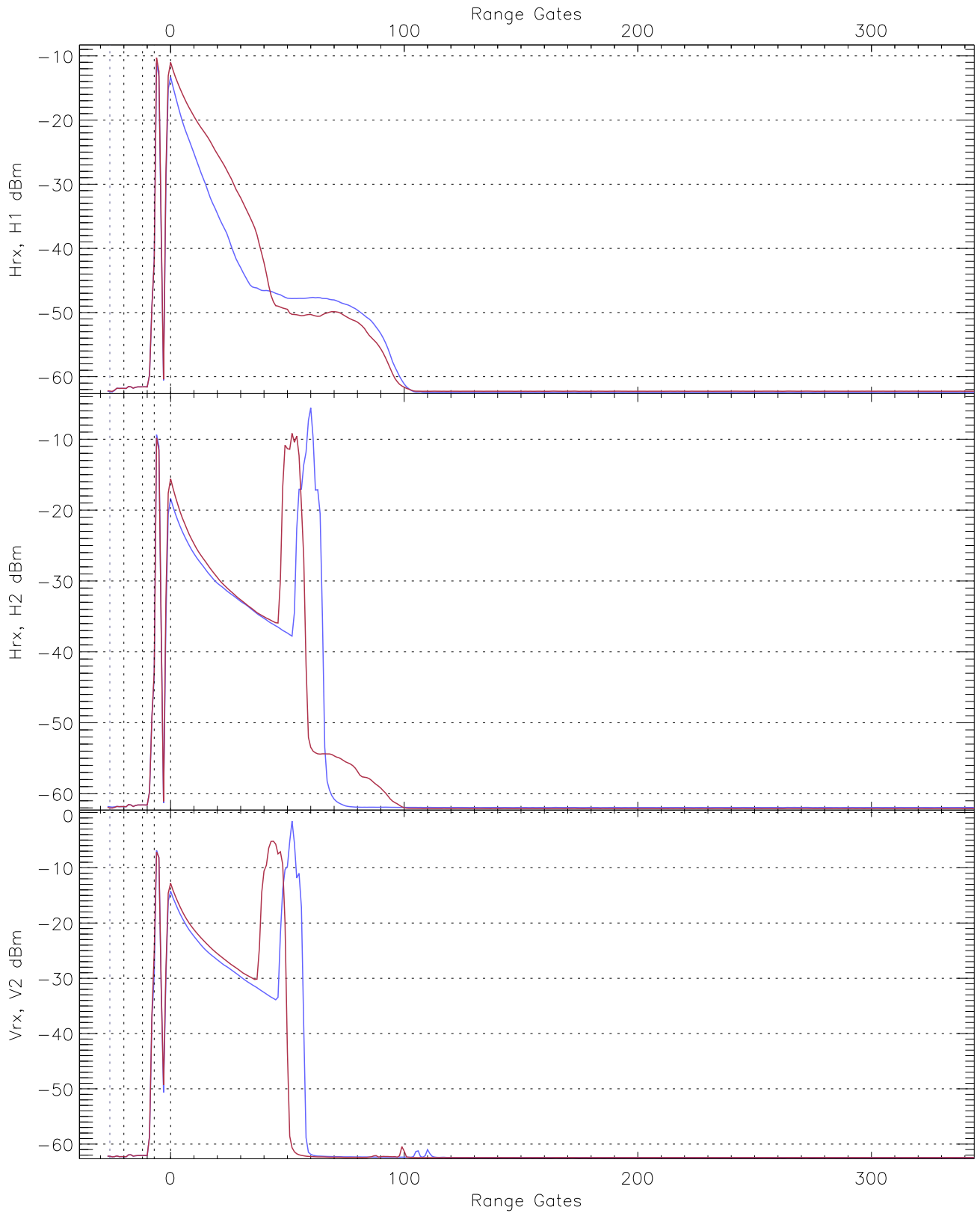
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.35	-61.27	-62.29	-62.30	-74.61
Hrx, H2 (RM [dBm])	-63.09	-60.95	-61.92	-61.91	-73.73
Vrx, V2 (RM [dBm])	-63.14	-61.37	-62.20	-62.20	-74.72



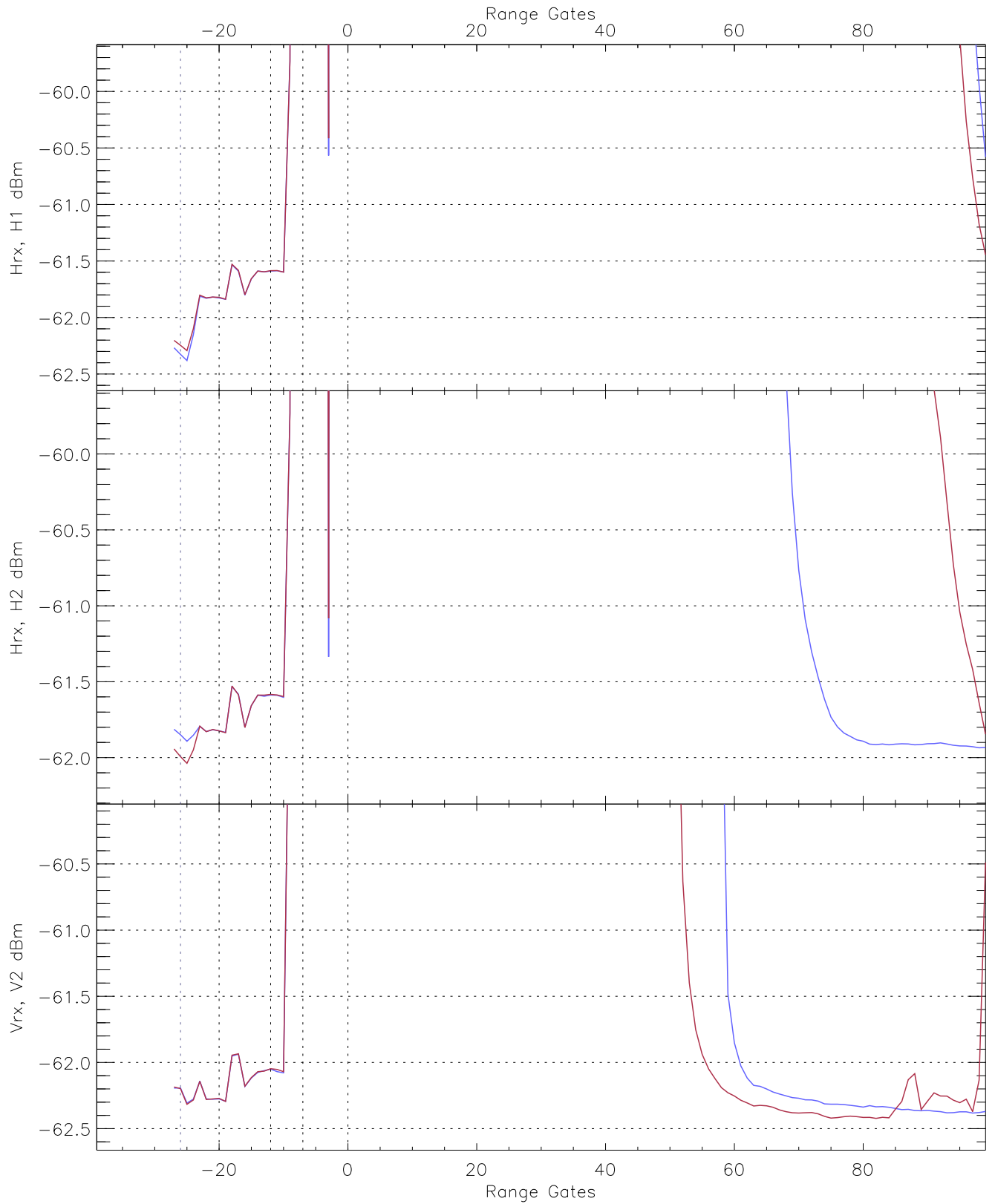
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.50	-61.24	-62.36	-62.39	-73.99
H2RG184_0 [dBm]	-63.38	-61.11	-62.03	-62.01	-73.80
V2RG175_0 [dBm]	-63.28	-61.61	-62.46	-62.46	-75.02

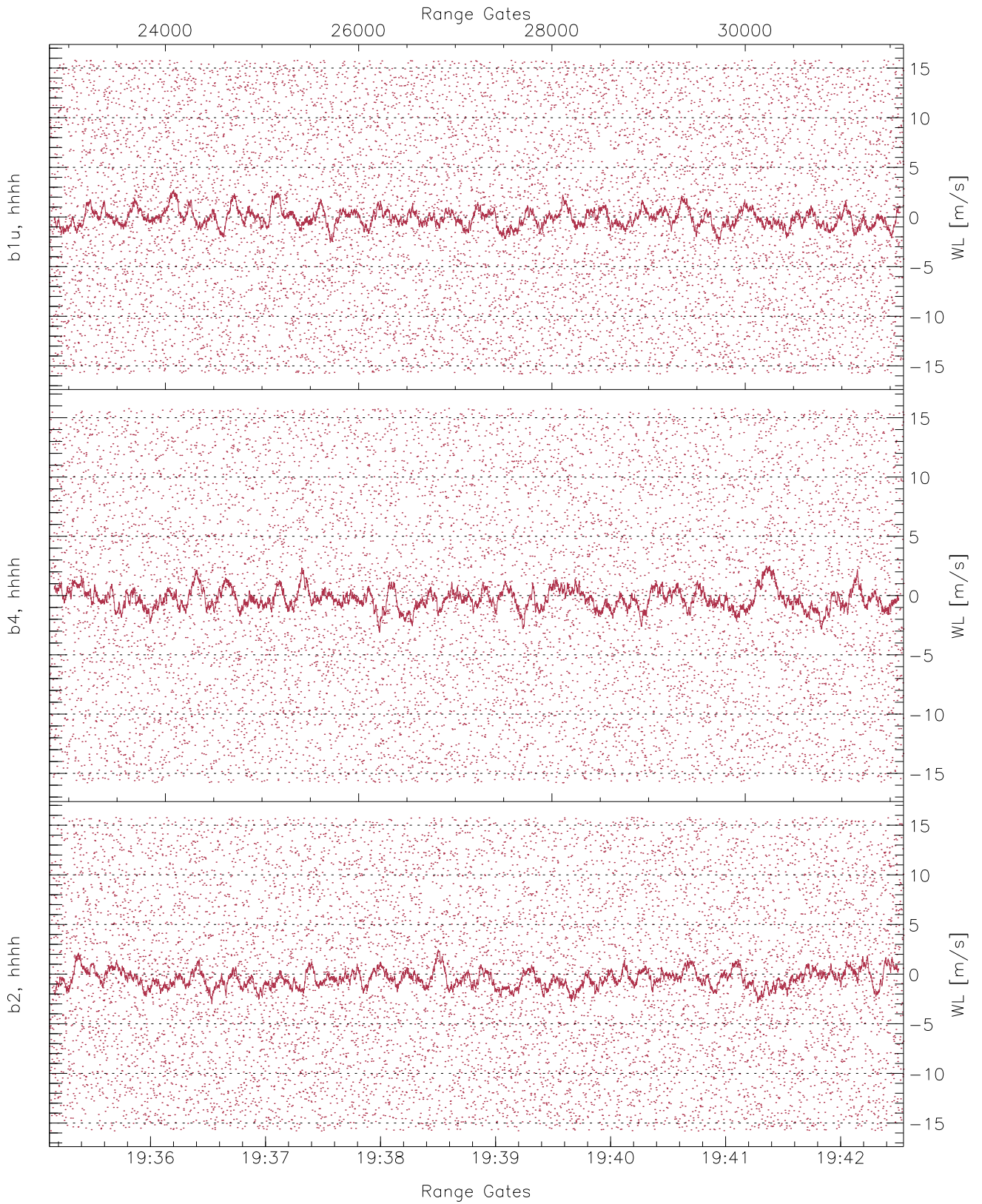


WCR2 CPP Averaged Received power for all recorded gates  
blue: 193507-193850, 4420 profiles averaged  
red: 193850-194233, 4420 profiles averaged

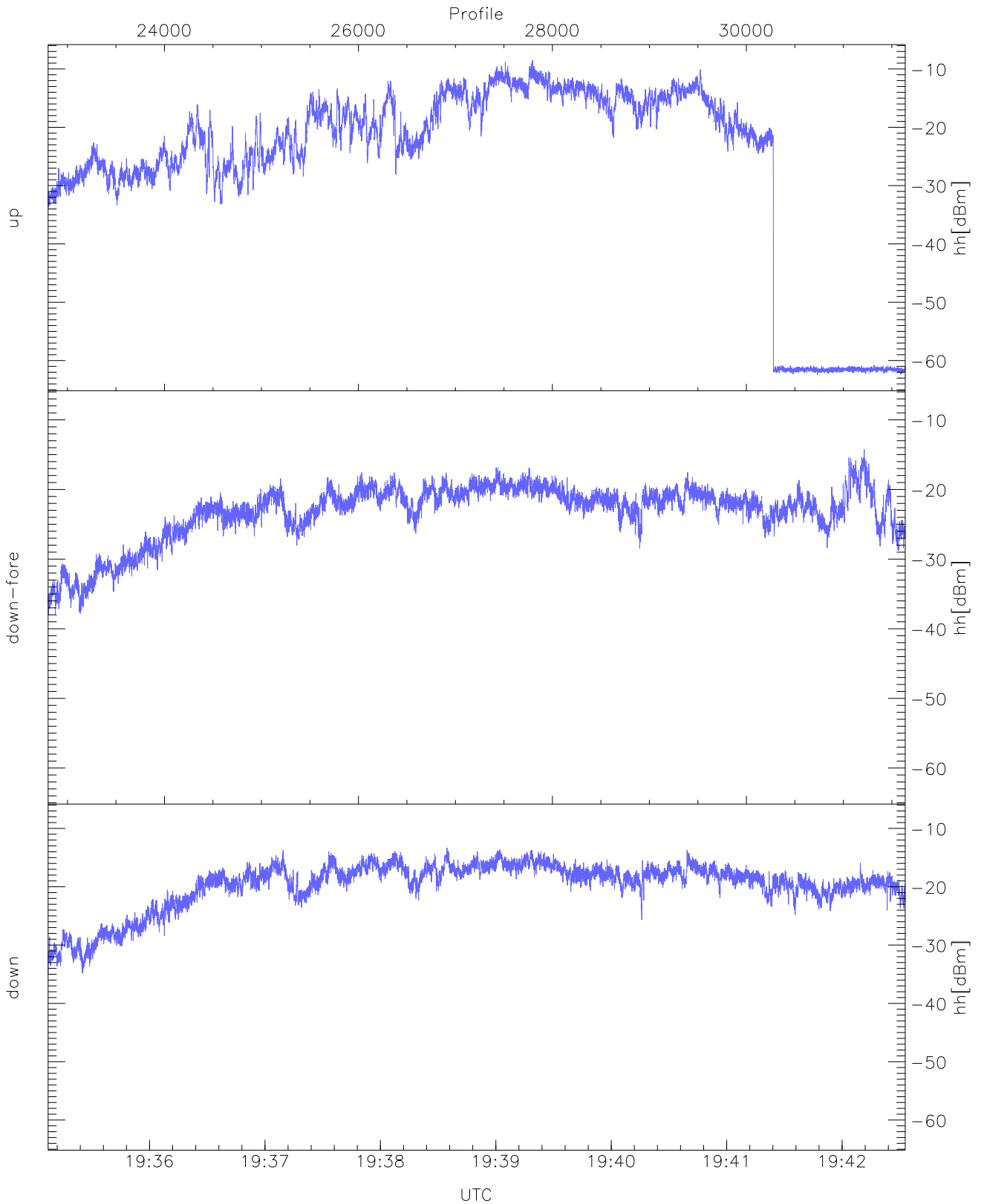




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 193507-193850, 4420 profiles averaged  
red: 193850-194233, 4420 profiles averaged

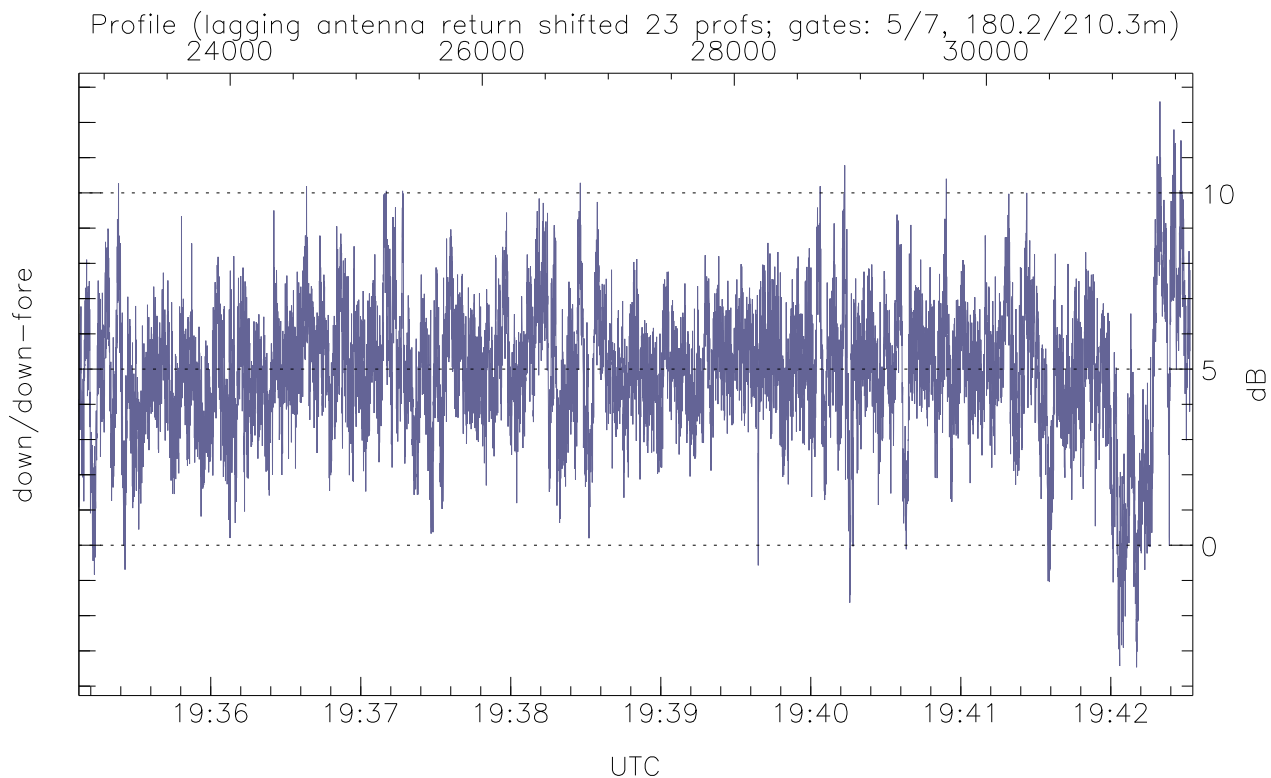
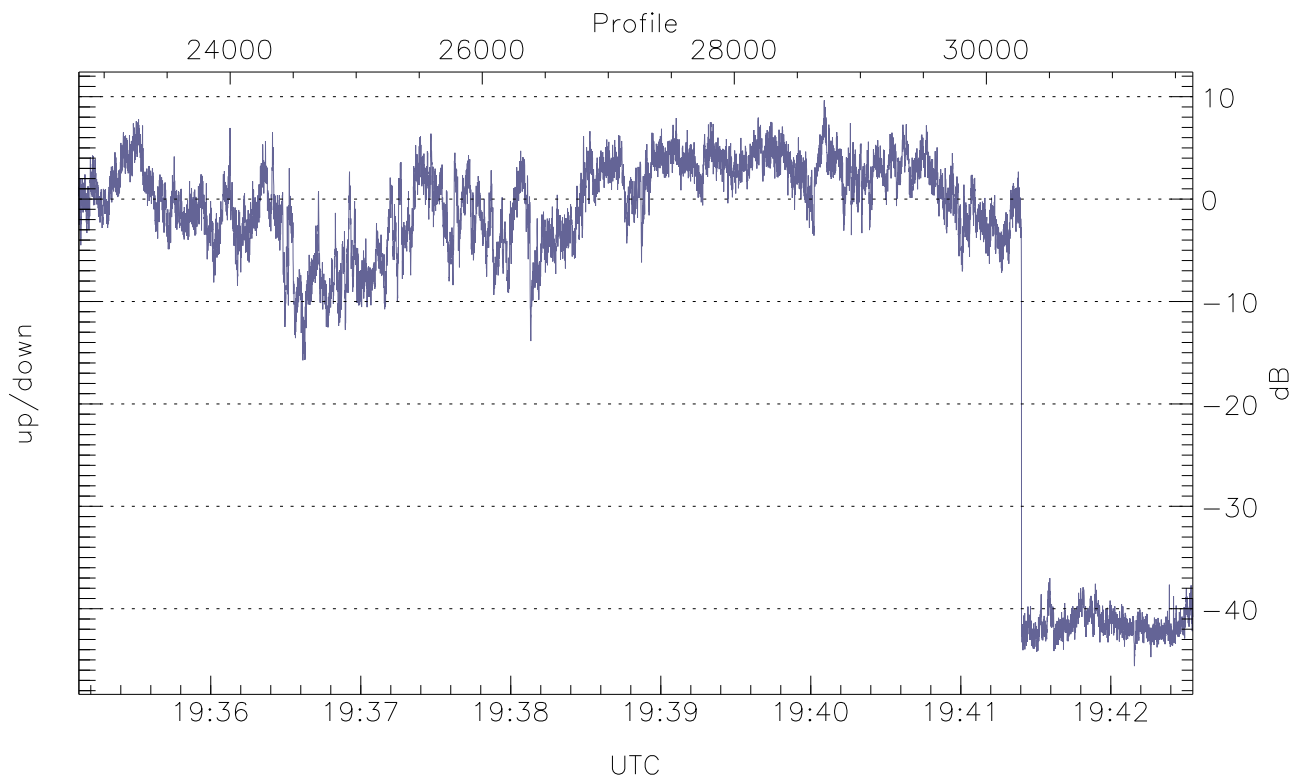


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



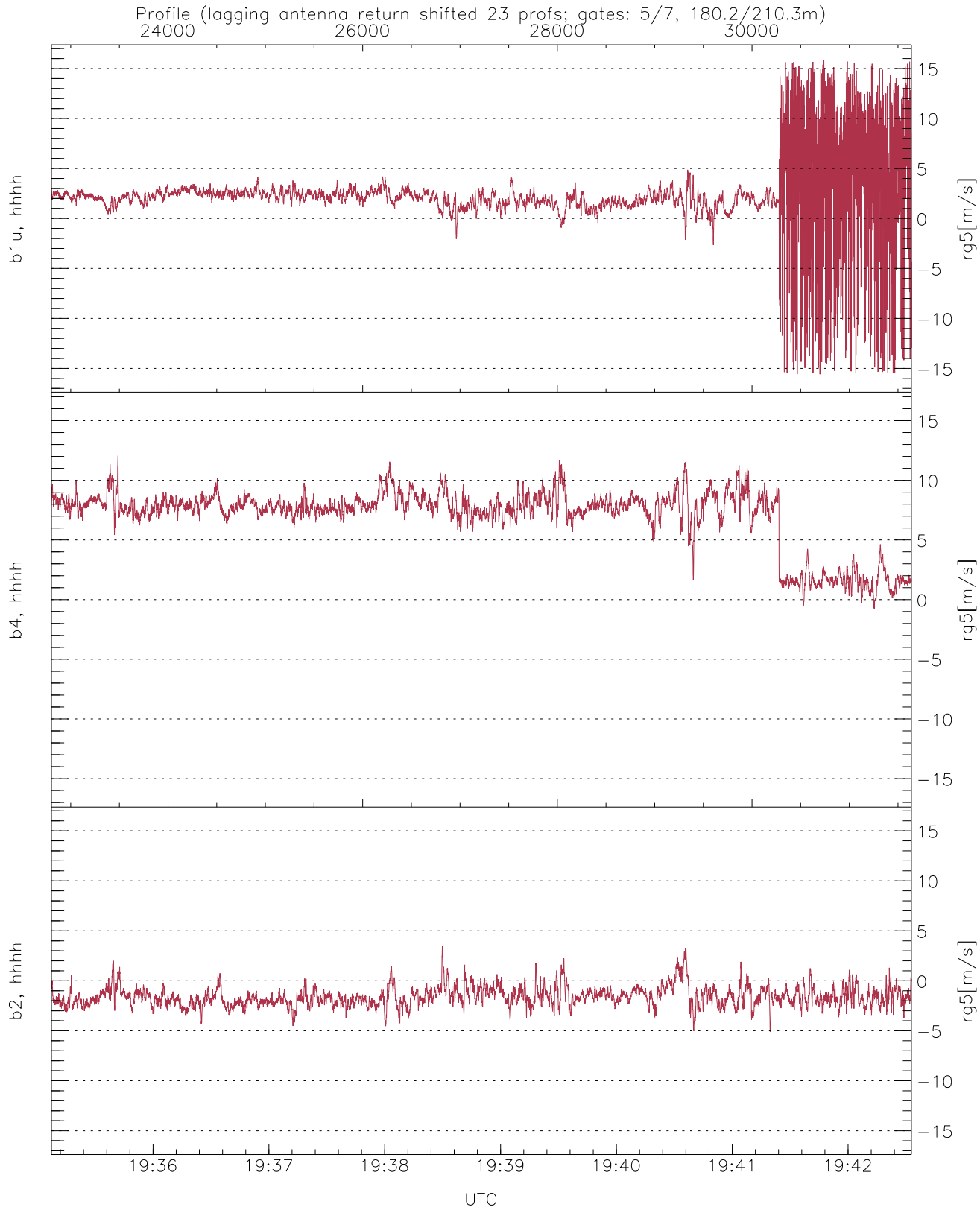
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-62.48	-8.52	-17.51
down-fore(hh[dBm])	-37.96	-14.25	-21.93
down(hh[dBm])	-34.85	-13.33	-18.46



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

	Min	Max	Mean
up/down (dB)	-45.60	9.65	-6.62
down/down-fore (dB)	-3.46	12.59	4.97



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.58	15.79	2.41	3.02
b4, hhhh(rg5[m/s])	-0.74	12.06	7.00	2.49
b2, hhhh(rg5[m/s])	-5.10	3.44	-1.59	0.99