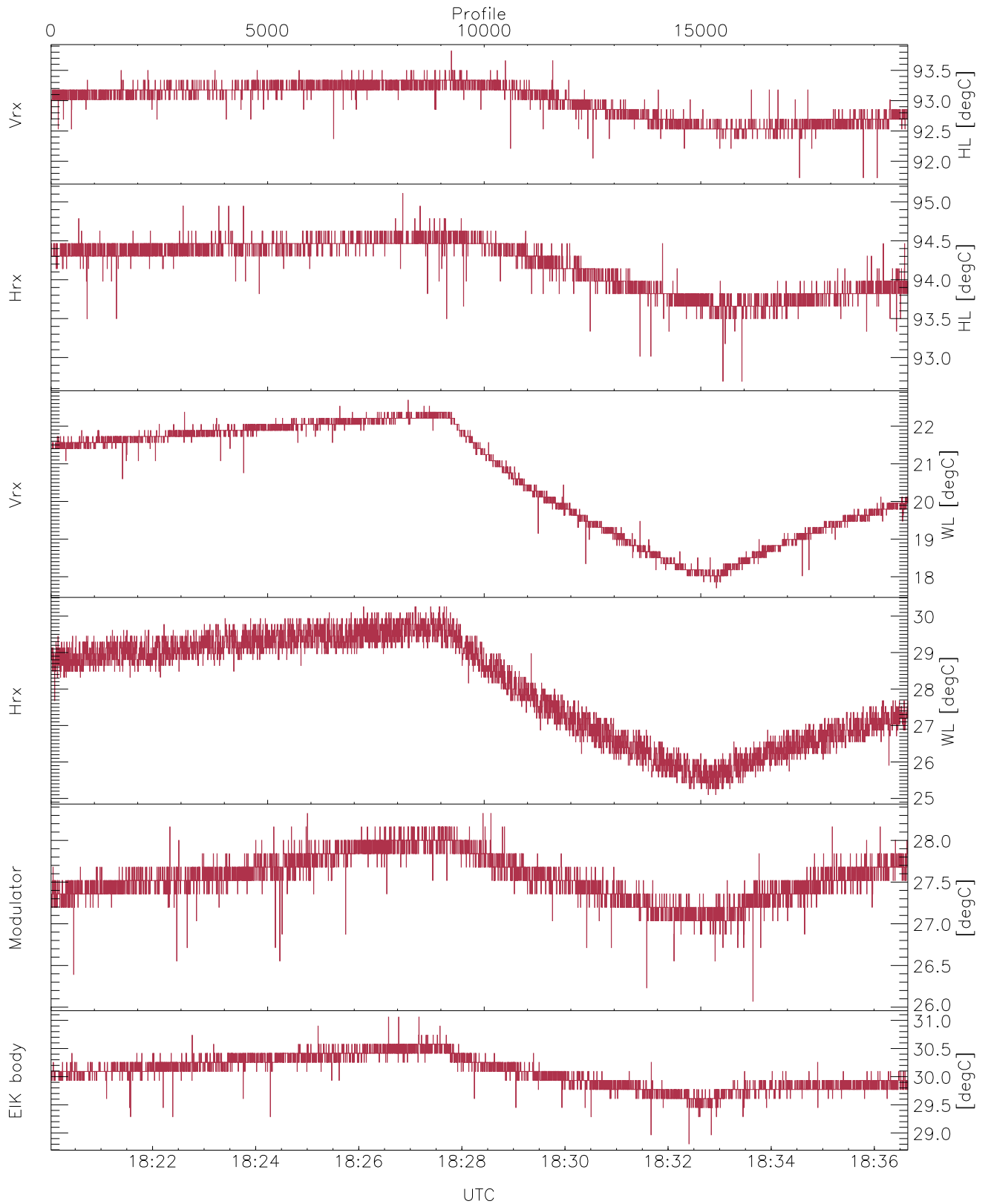


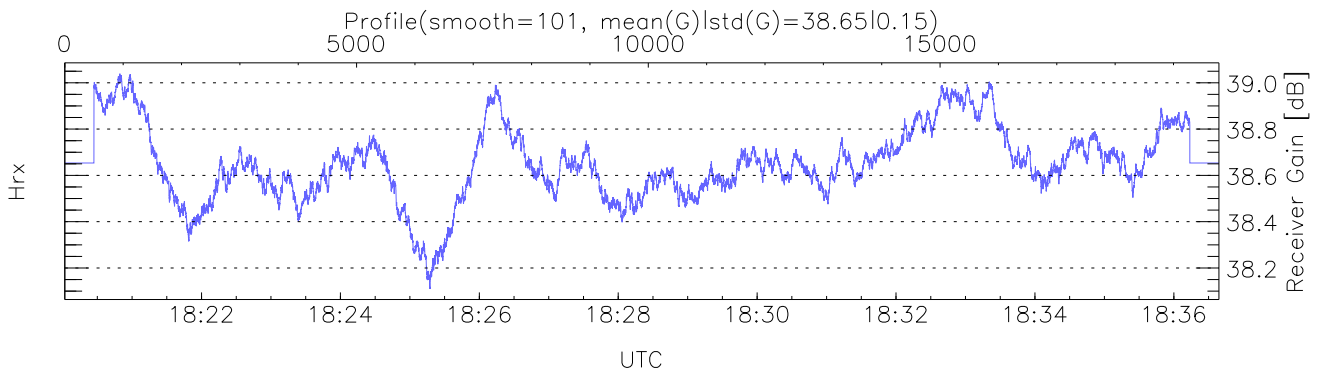
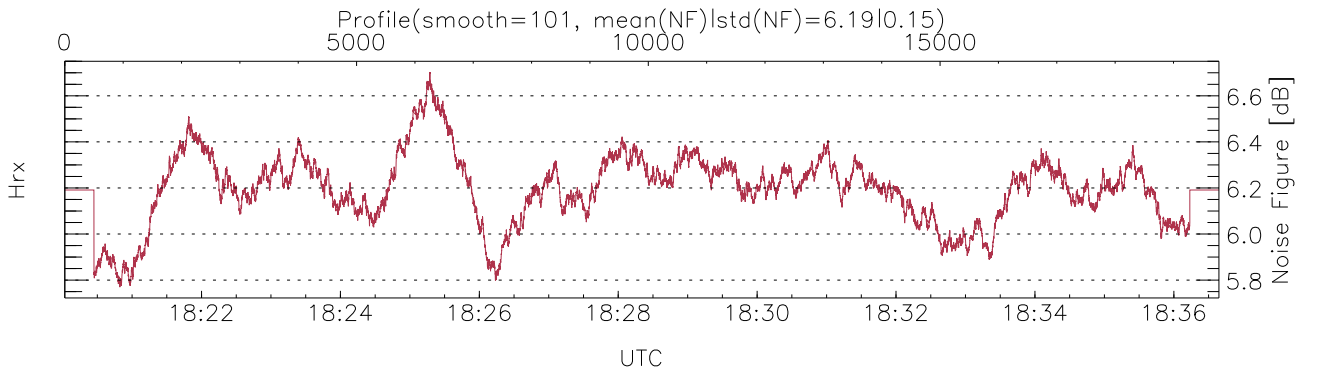
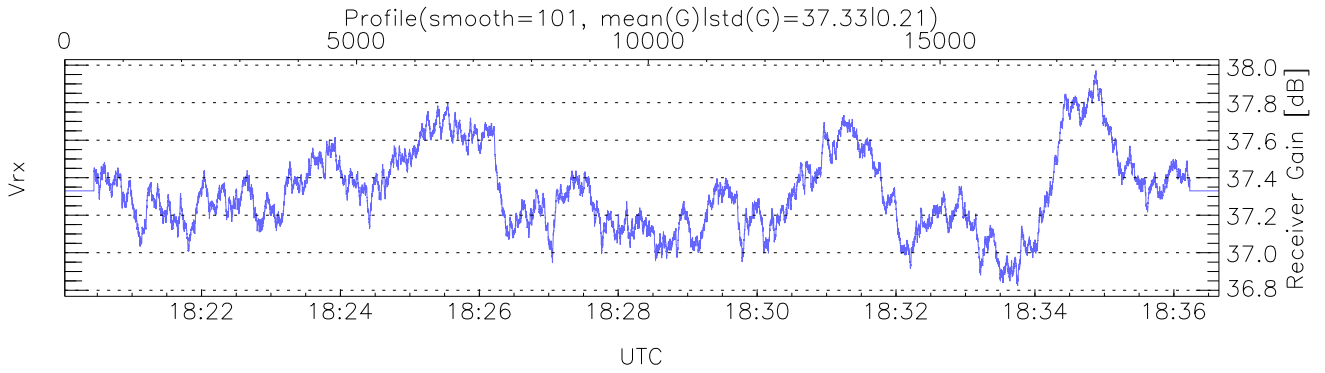
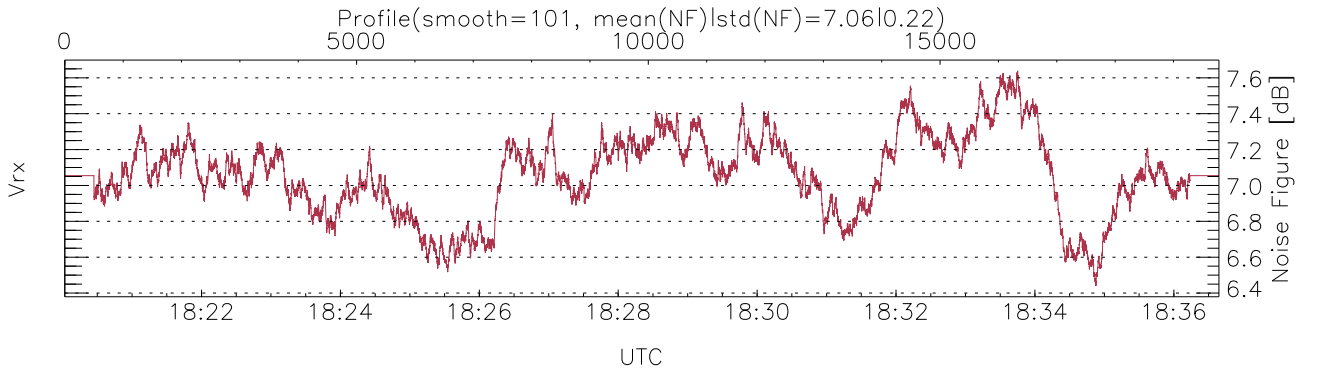
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:20:02-18:36:39, Dur: 997.11s  
 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): 19780/19780, 0-19779/18:20:02-18:36:39  
 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



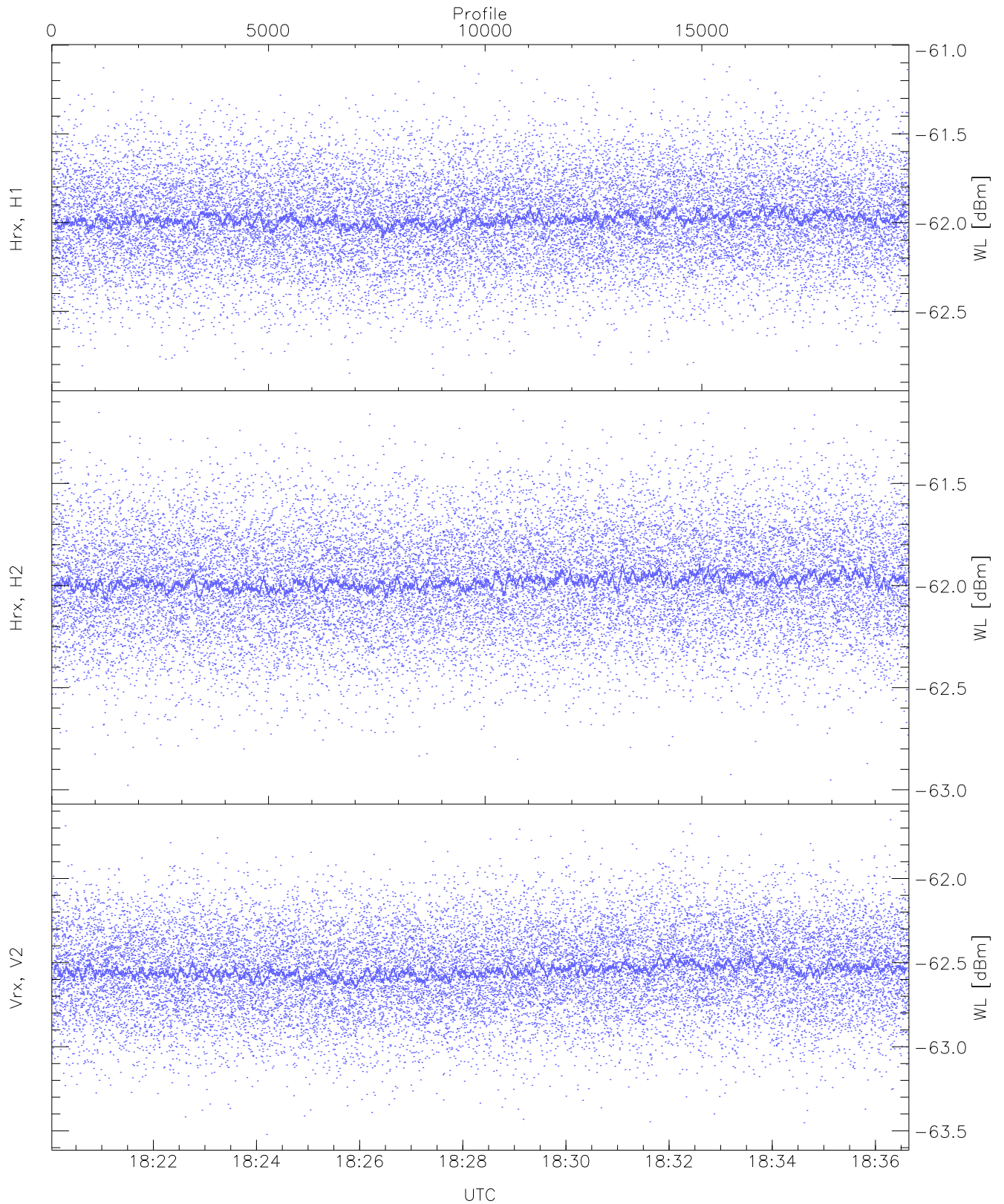
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,25,26,28  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,28,31  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,15)



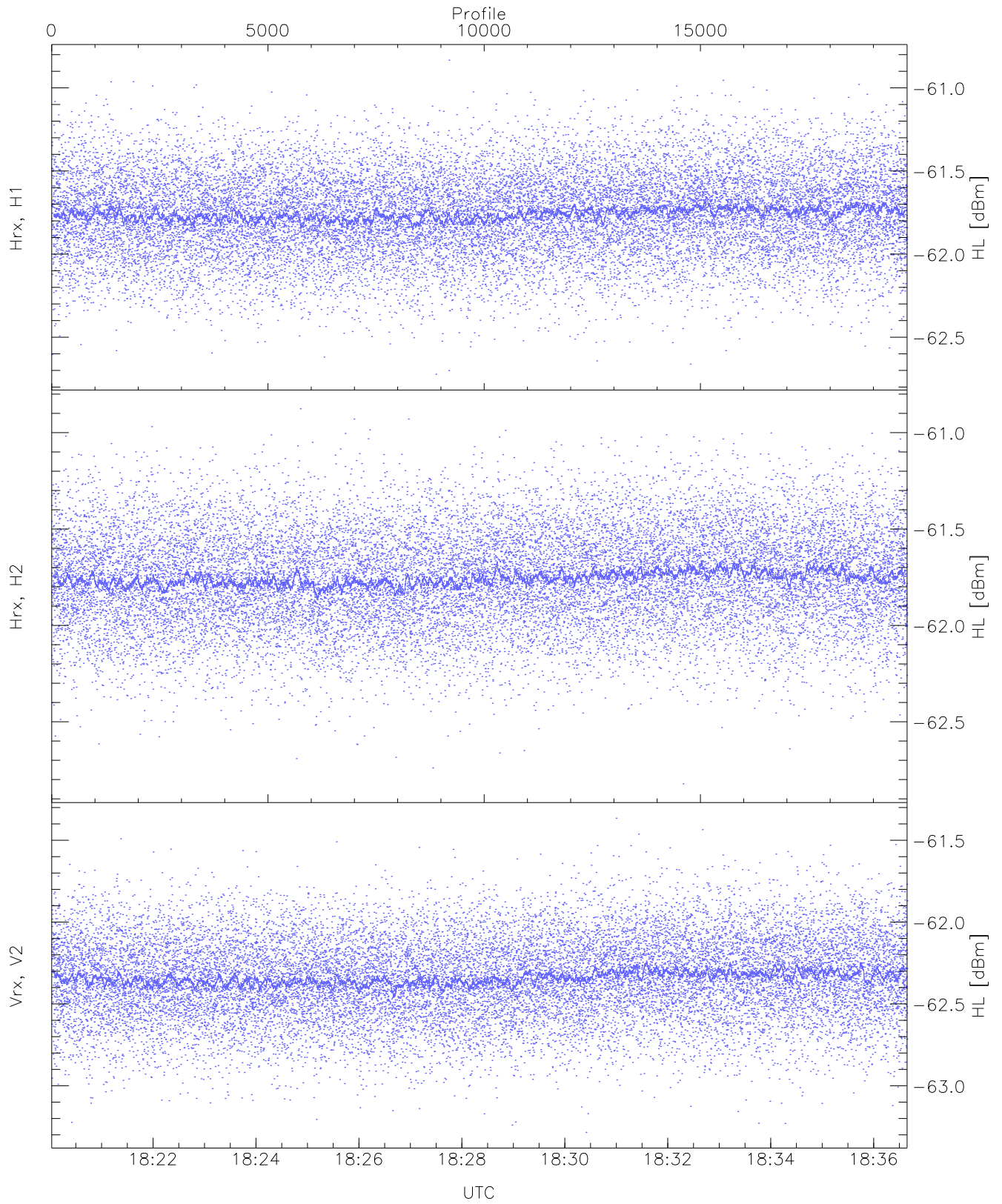
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 14536 pixs, 30 gates, 13791 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

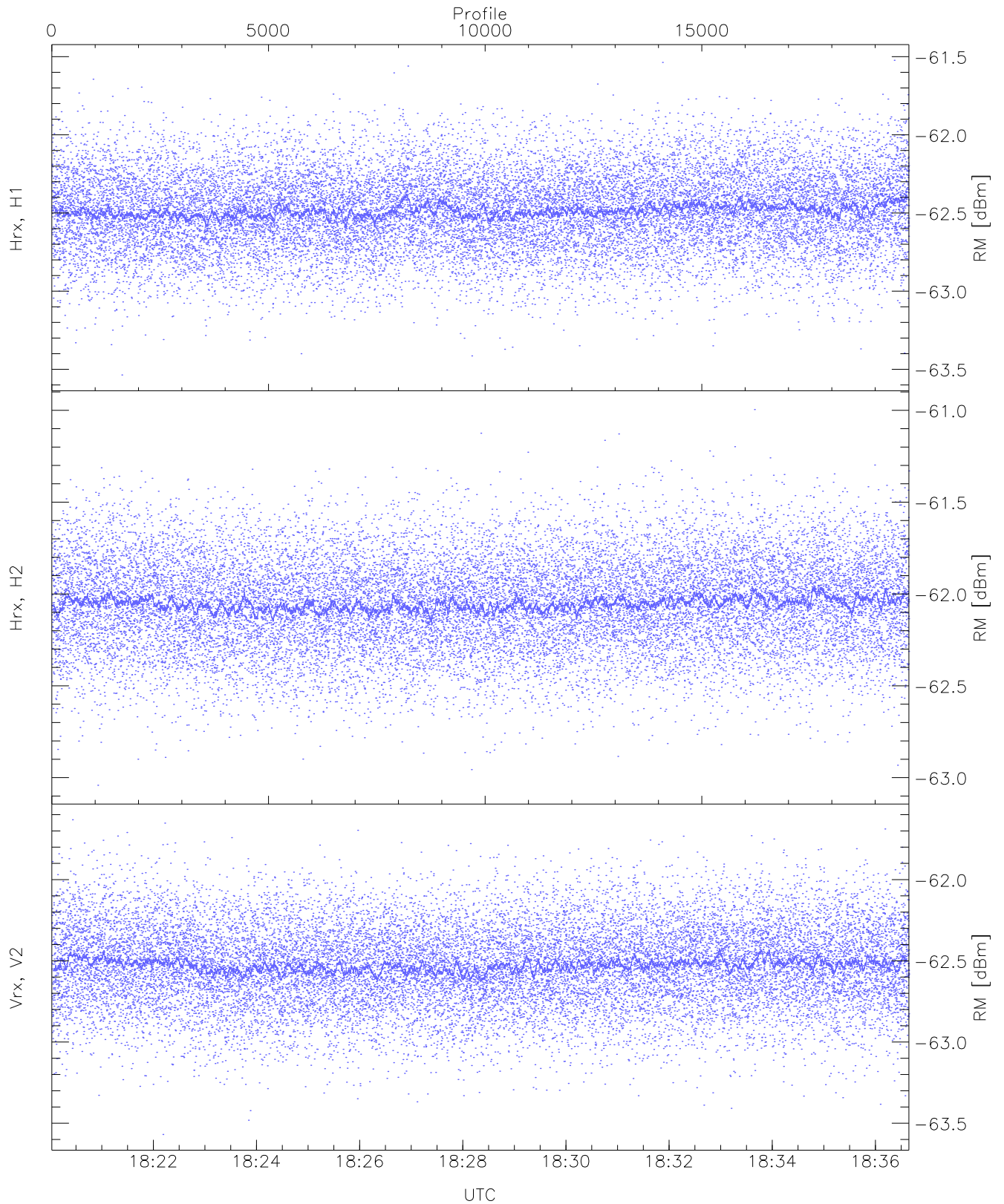
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.86	-61.09	-61.98	-61.98	-74.52
Hrx, H2(WL [dBm])	-62.98	-61.14	-61.98	-61.98	-74.51
Vrx, V2(WL [dBm])	-63.52	-61.65	-62.55	-62.55	-75.08



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

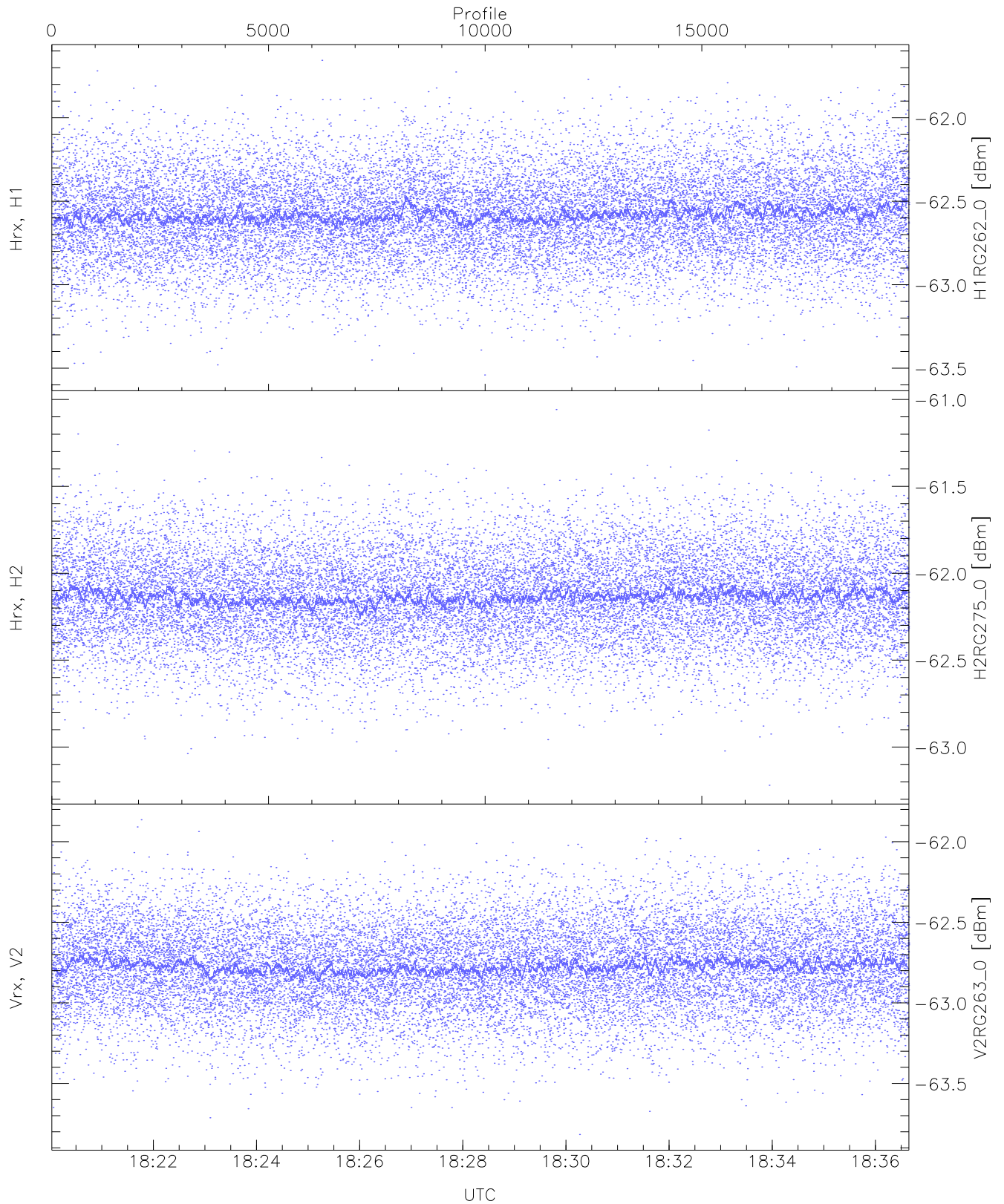
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.72	-60.83	-61.76	-61.76	-74.30
Hrx, H2 (HL [dBm])	-62.82	-60.88	-61.75	-61.76	-74.31
Vrx, V2 (HL [dBm])	-63.28	-61.37	-62.34	-62.34	-74.88





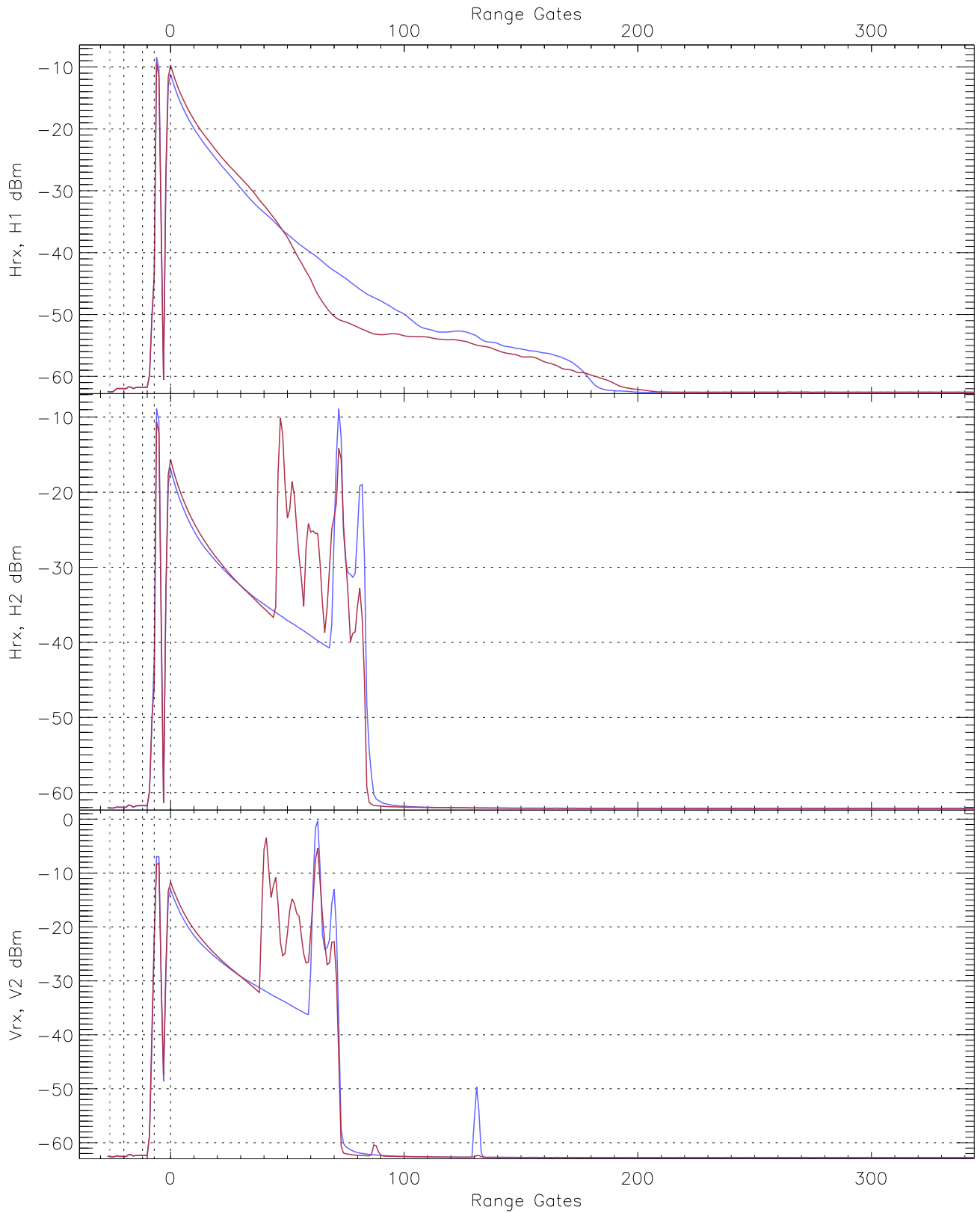
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.54	-61.52	-62.48	-62.49	-75.02
Hrx, H2 (RM [dBm])	-63.04	-61.00	-62.05	-62.05	-74.60
Vrx, V2 (RM [dBm])	-63.57	-61.63	-62.52	-62.53	-75.03



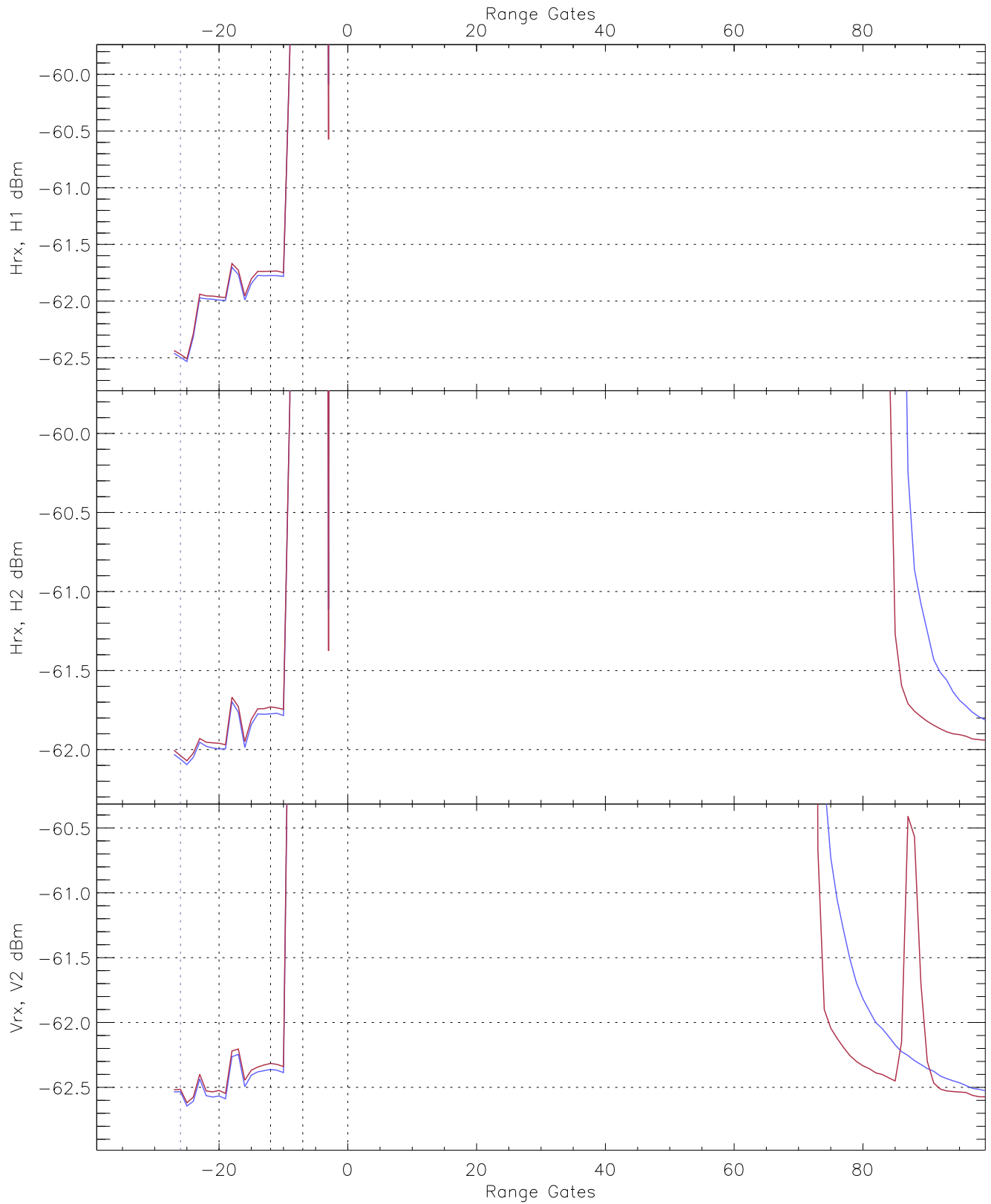
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.54	-61.66	-62.58	-62.59	-75.13
H2RG275_0 [dBm]	-63.22	-61.06	-62.13	-62.14	-74.69
V2RG263_0 [dBm]	-63.82	-61.86	-62.77	-62.78	-75.28

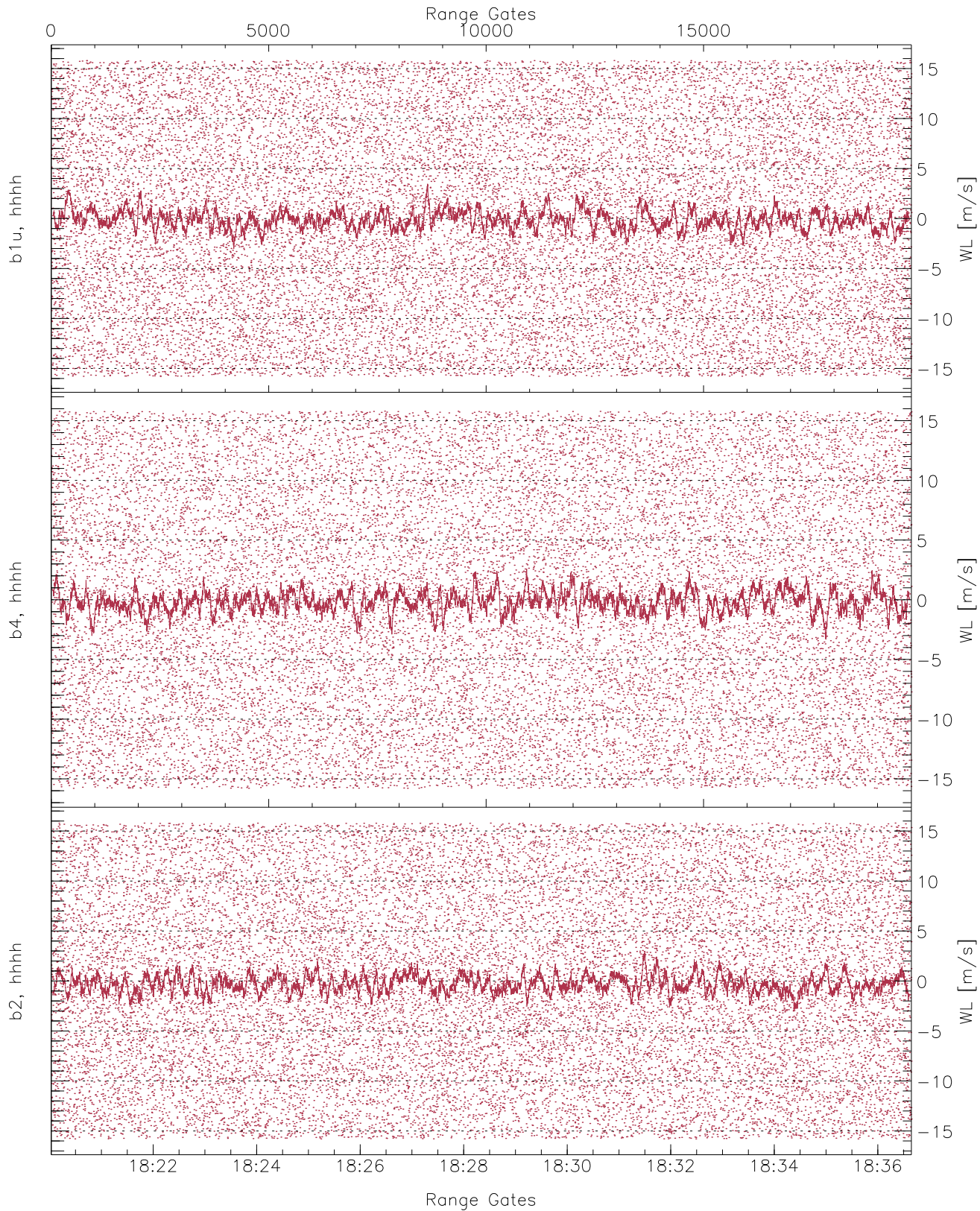


WCR2 CPP Averaged Received power for all recorded gates  
blue: 182002-182820, 9891 profiles averaged  
red: 182820-183639, 9890 profiles averaged

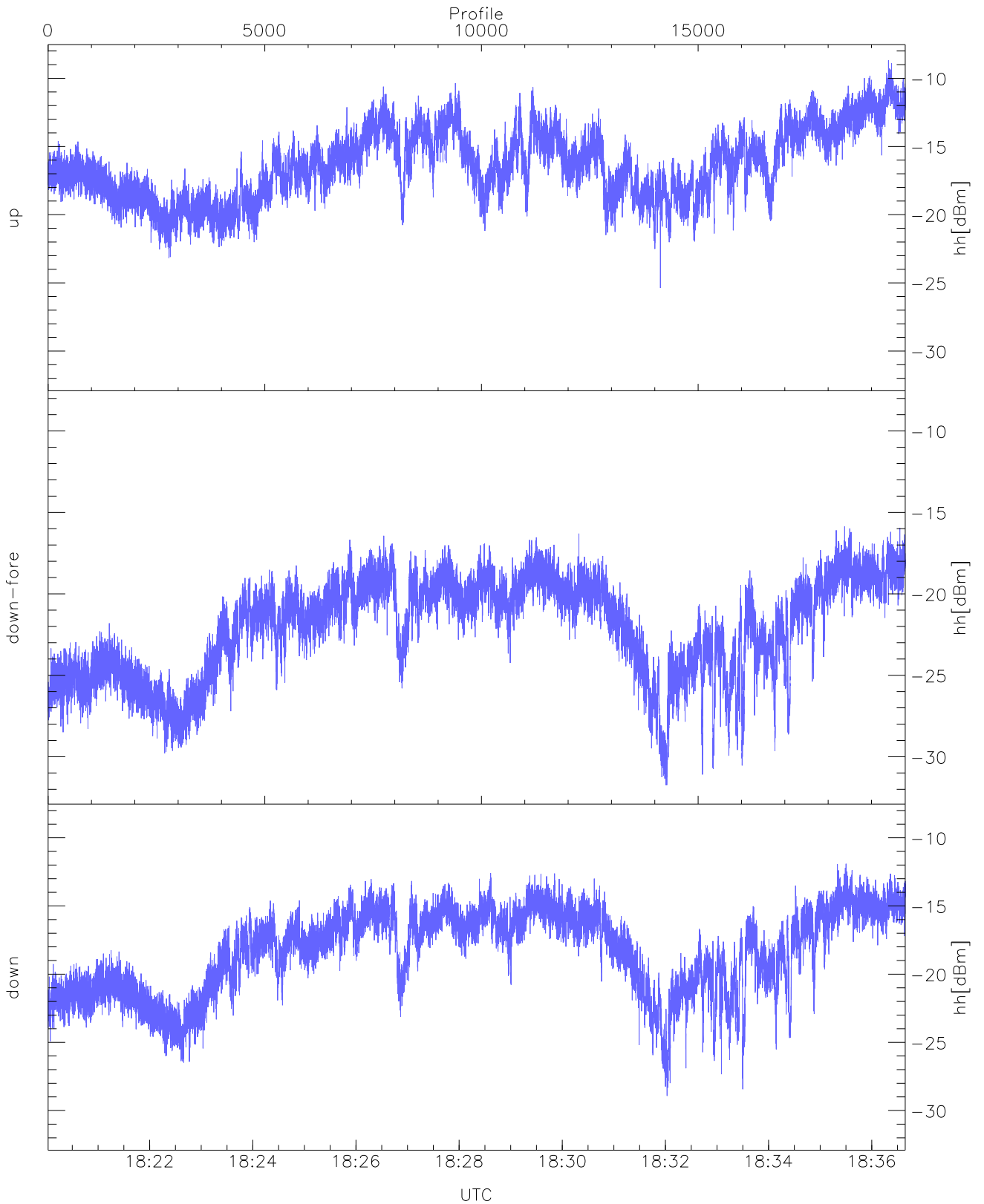




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 182002-182820, 9891 profiles averaged  
red: 182820-183639, 9890 profiles averaged

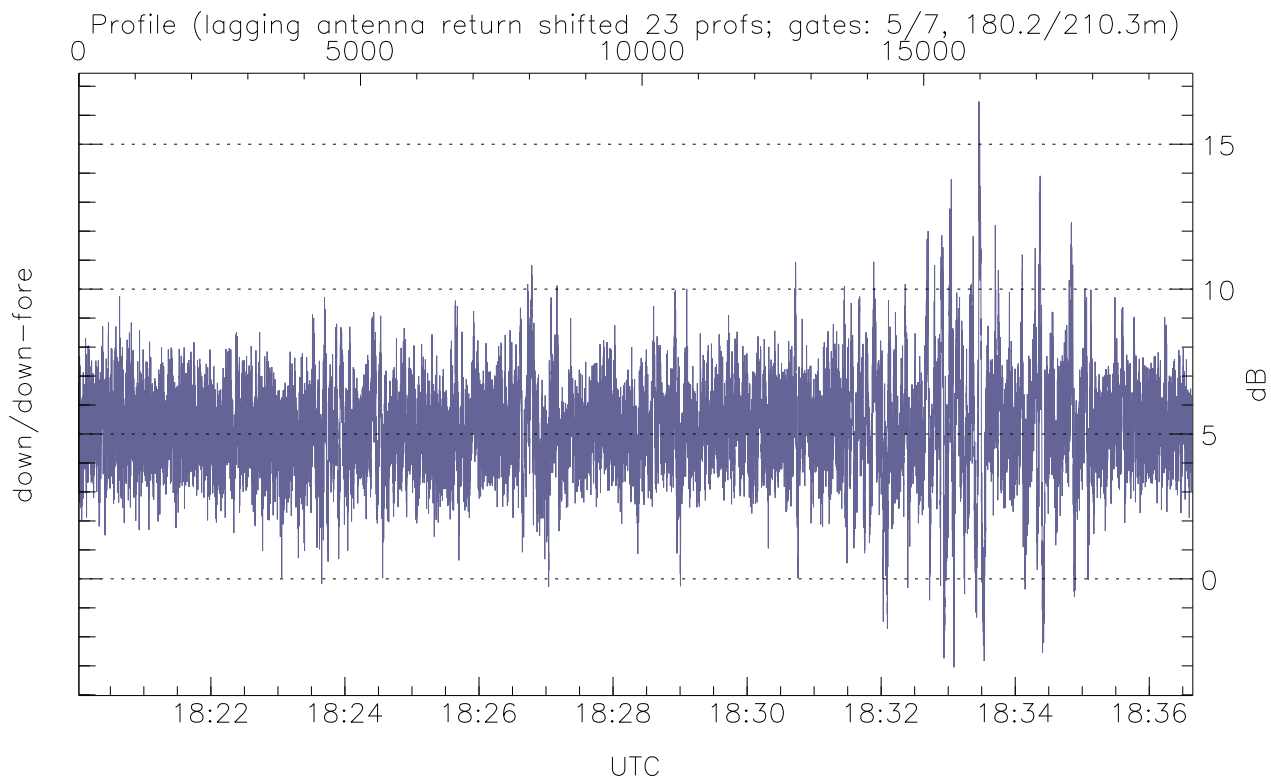
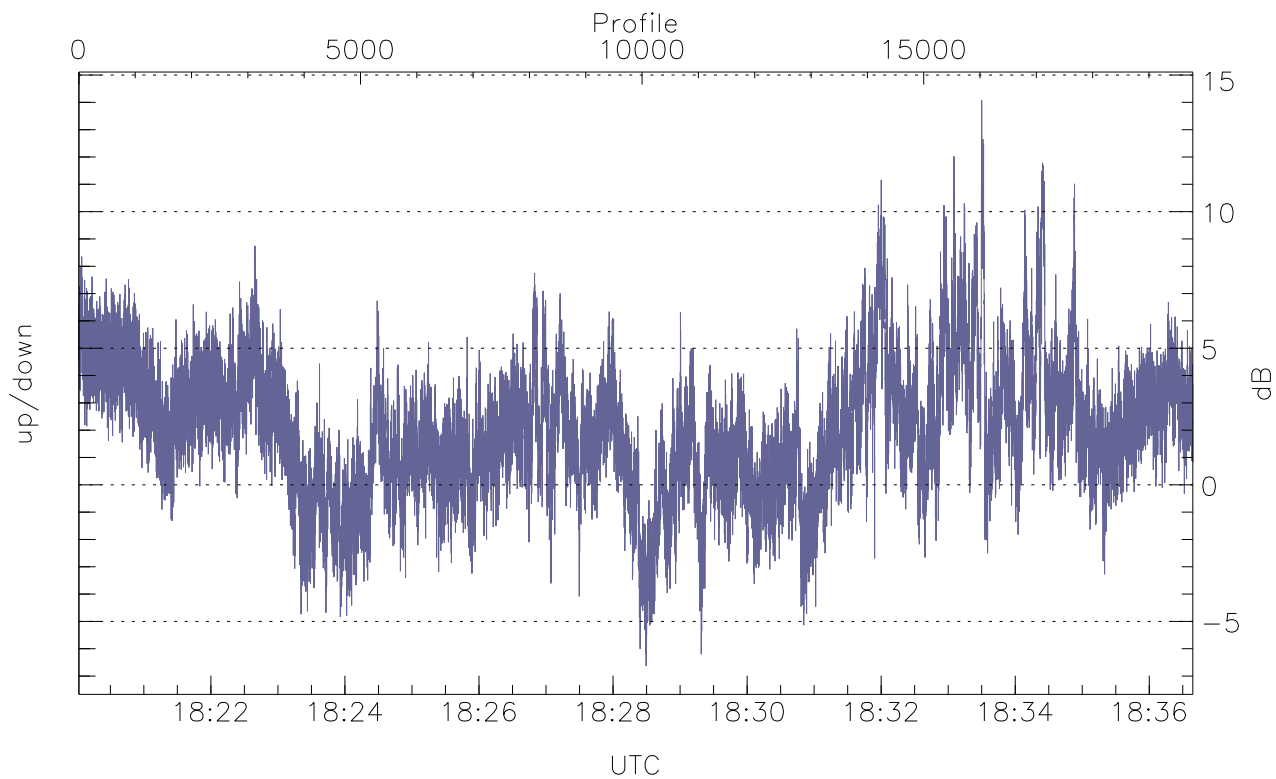


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



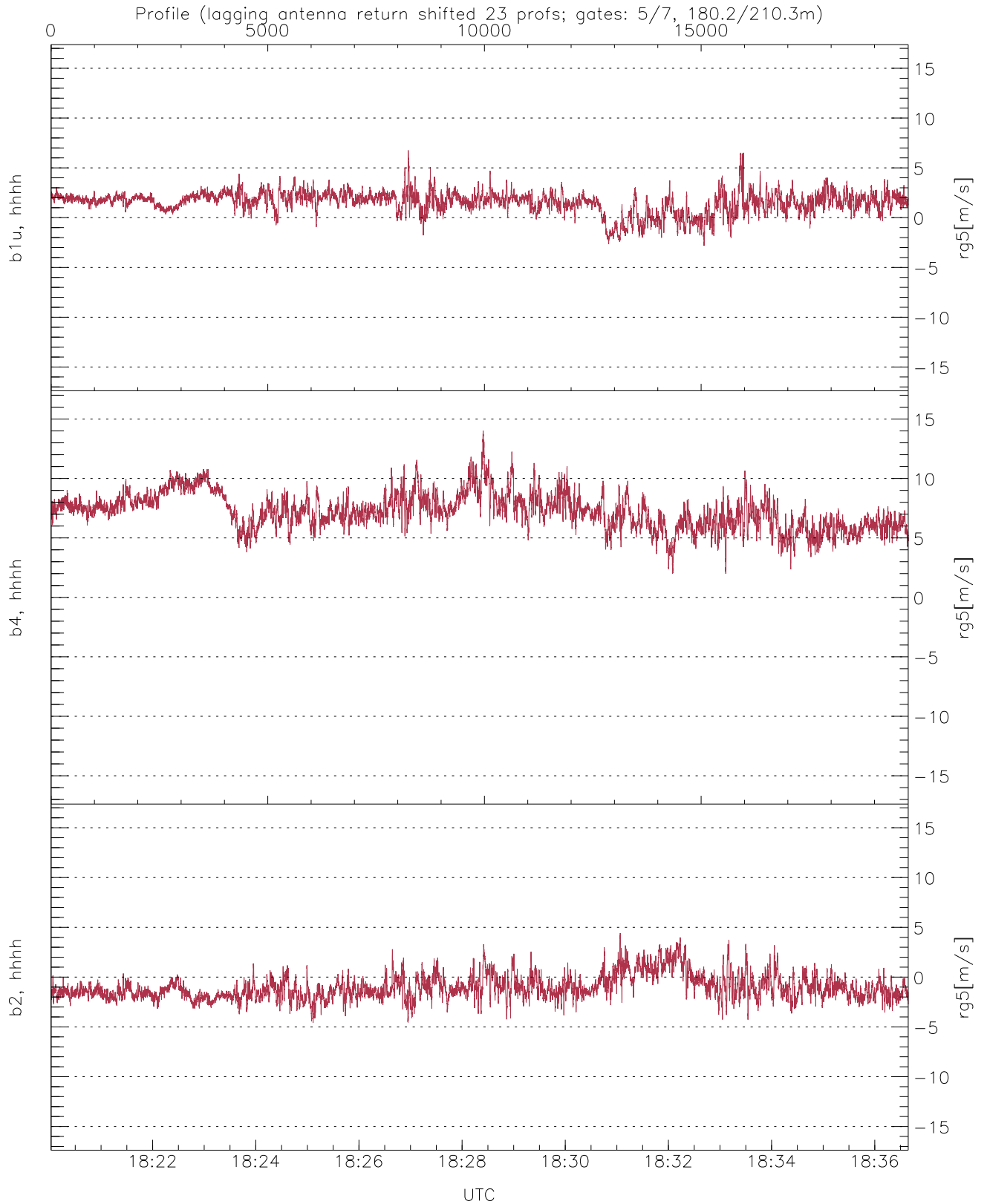
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-25.37	-8.68	-15.59
down-fore(hh[dBm])	-31.75	-15.86	-21.19
down(hh[dBm])	-28.93	-11.91	-17.44



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

	Min	Max	Mean
up/down (dB)	-6.64	14.07	2.03
down/down-fore (dB)	-3.05	16.47	5.21



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.80	6.75	1.53	1.09
b4, hhhh(rg5[m/s])	2.00	14.02	7.24	1.50
b2, hhhh(rg5[m/s])	-4.58	4.42	-1.03	1.24