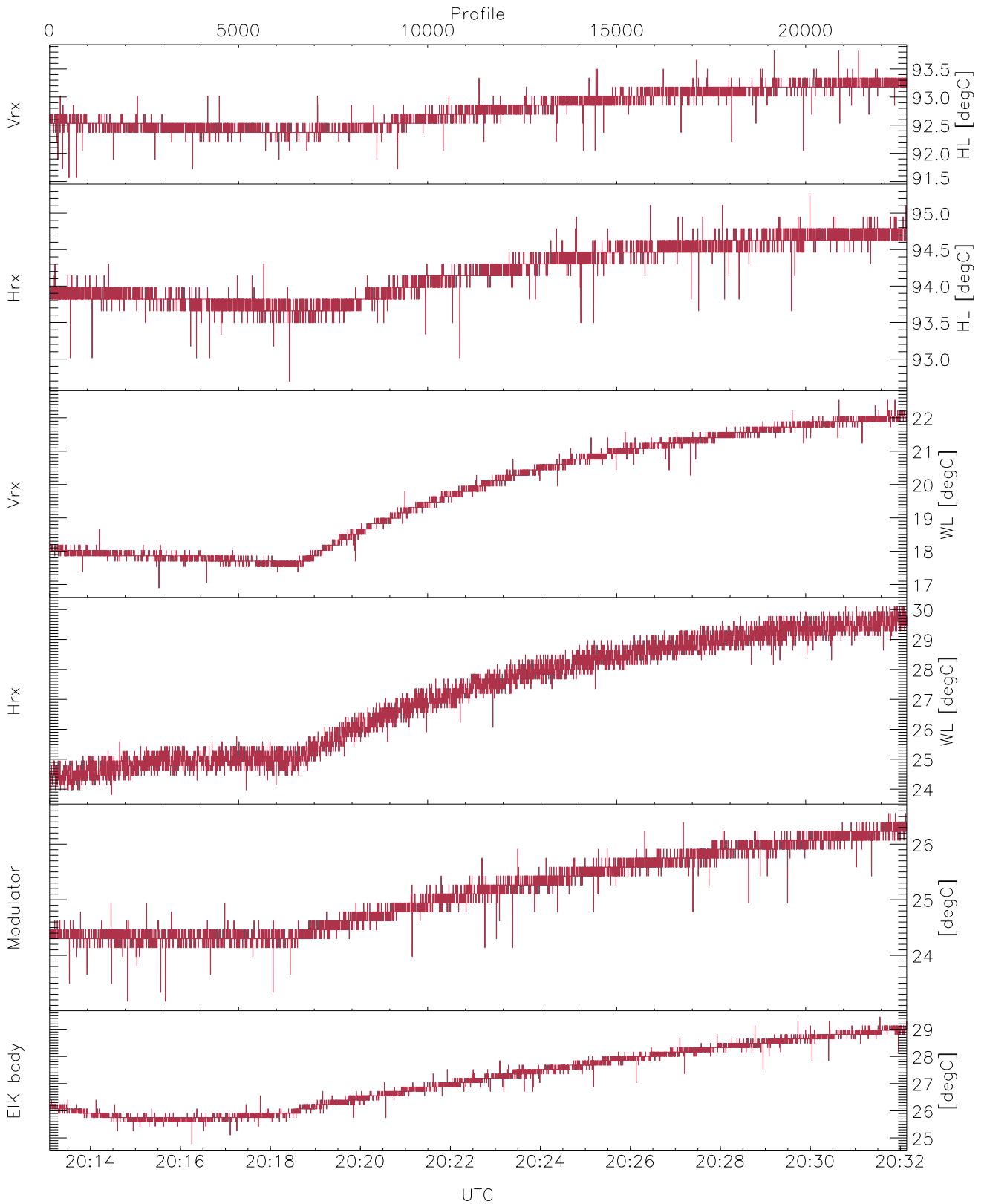


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

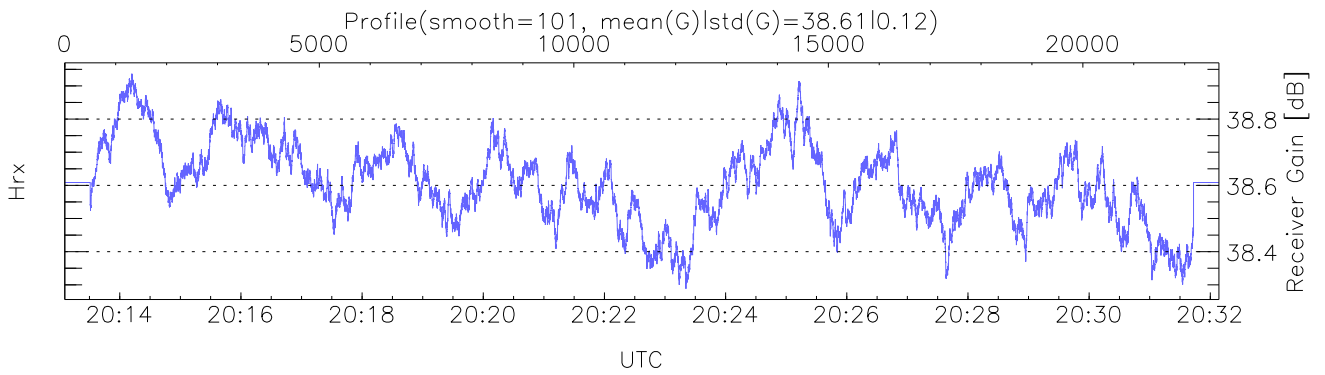
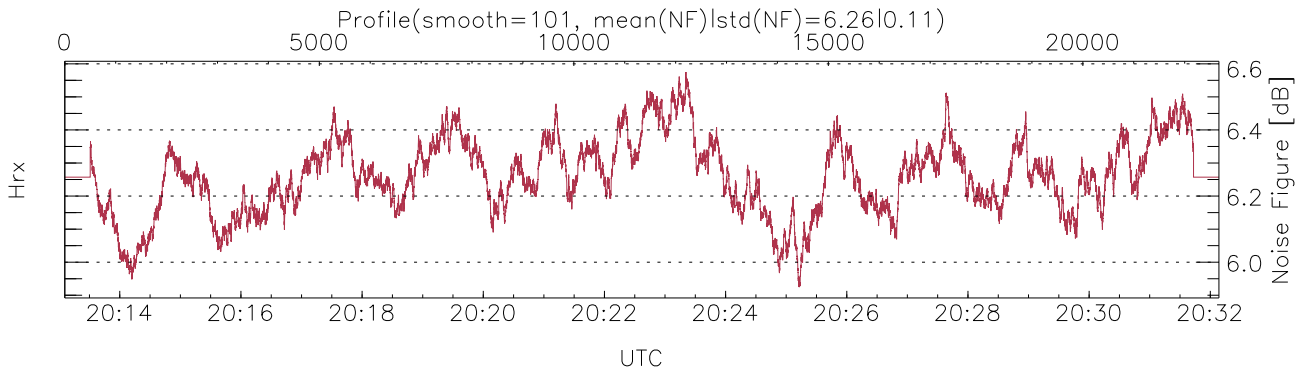
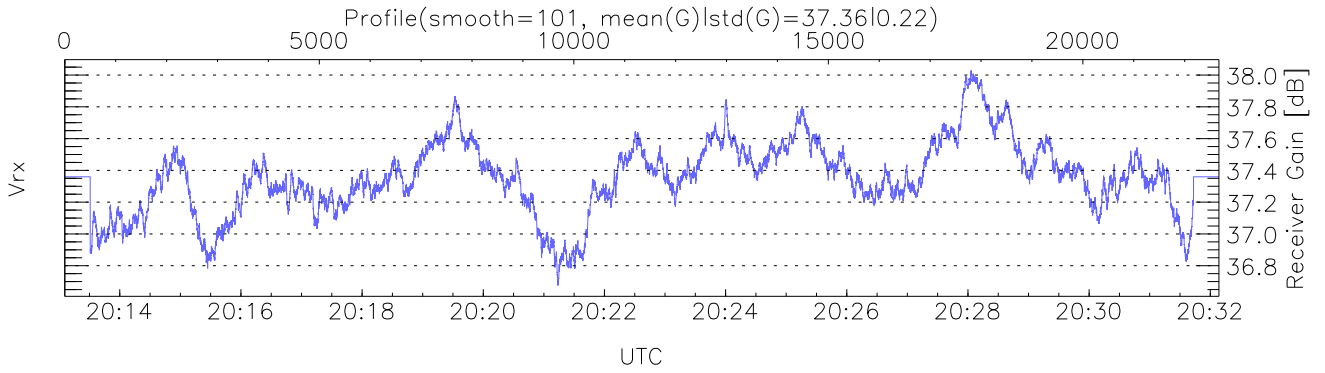
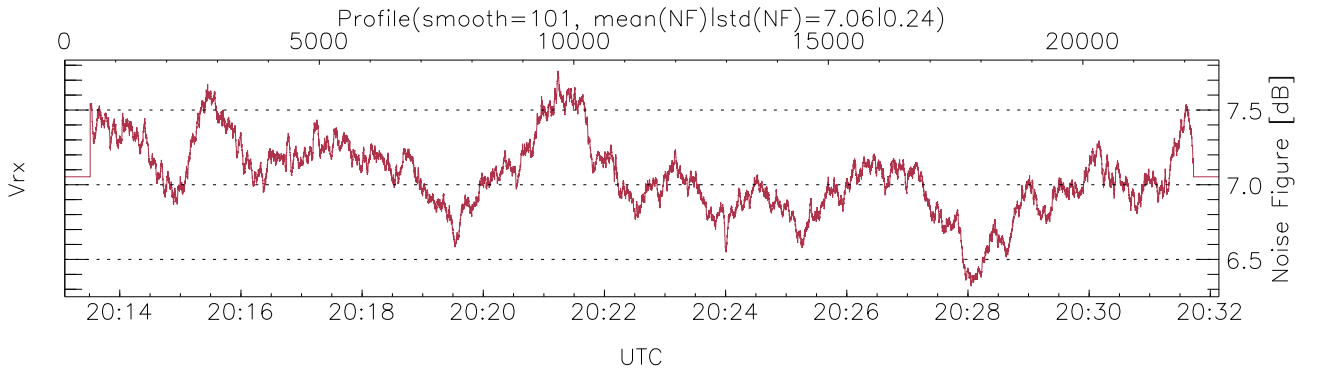
UTC: 20:13:06-20:32:09, Dur: 1143.06s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 22675/22675, 0-22674/20:13:06-20:32:09  
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168  
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 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

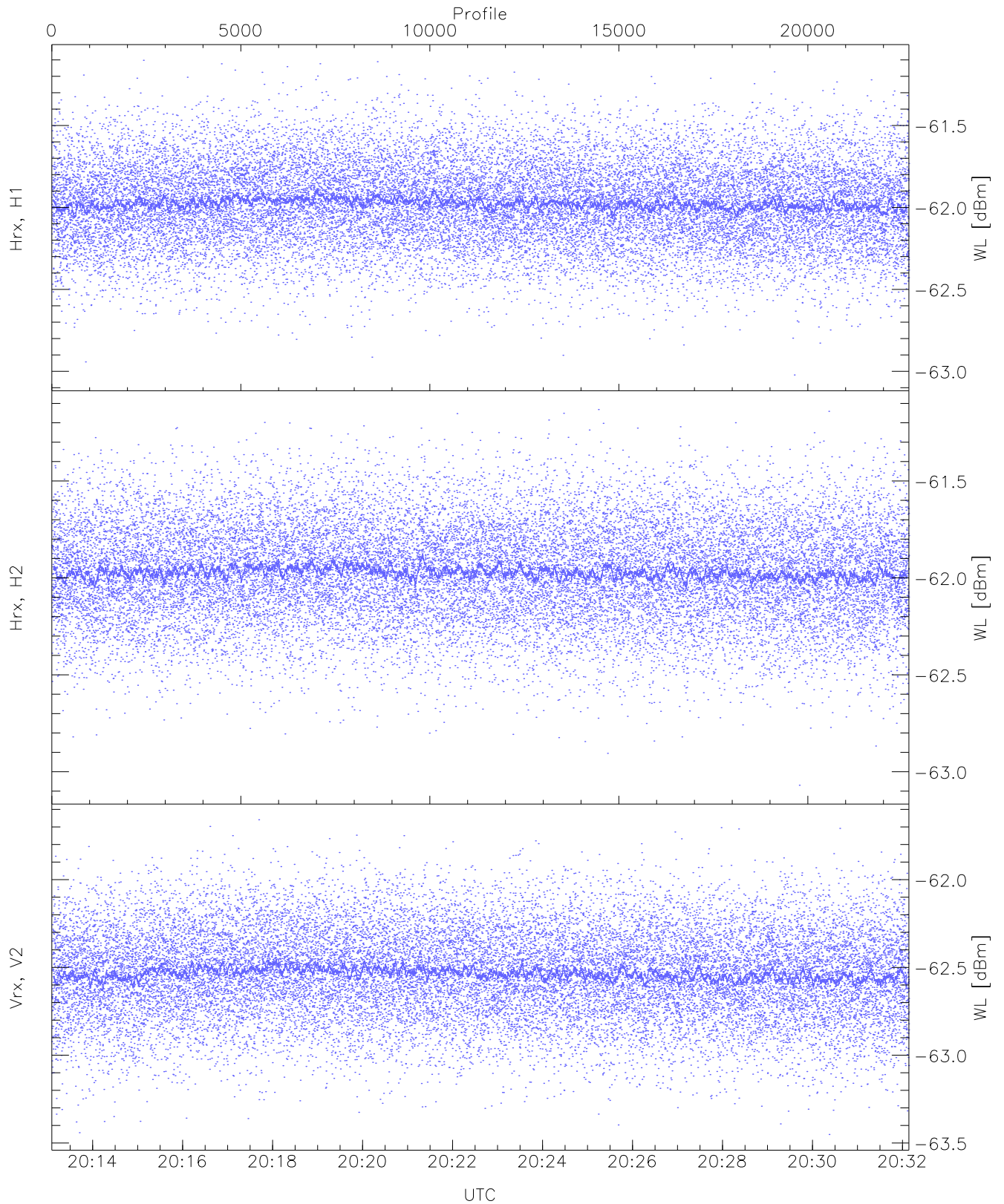
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,16,23,23,24  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,26,29  
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):  
 DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (11,11,11,11,11,16)



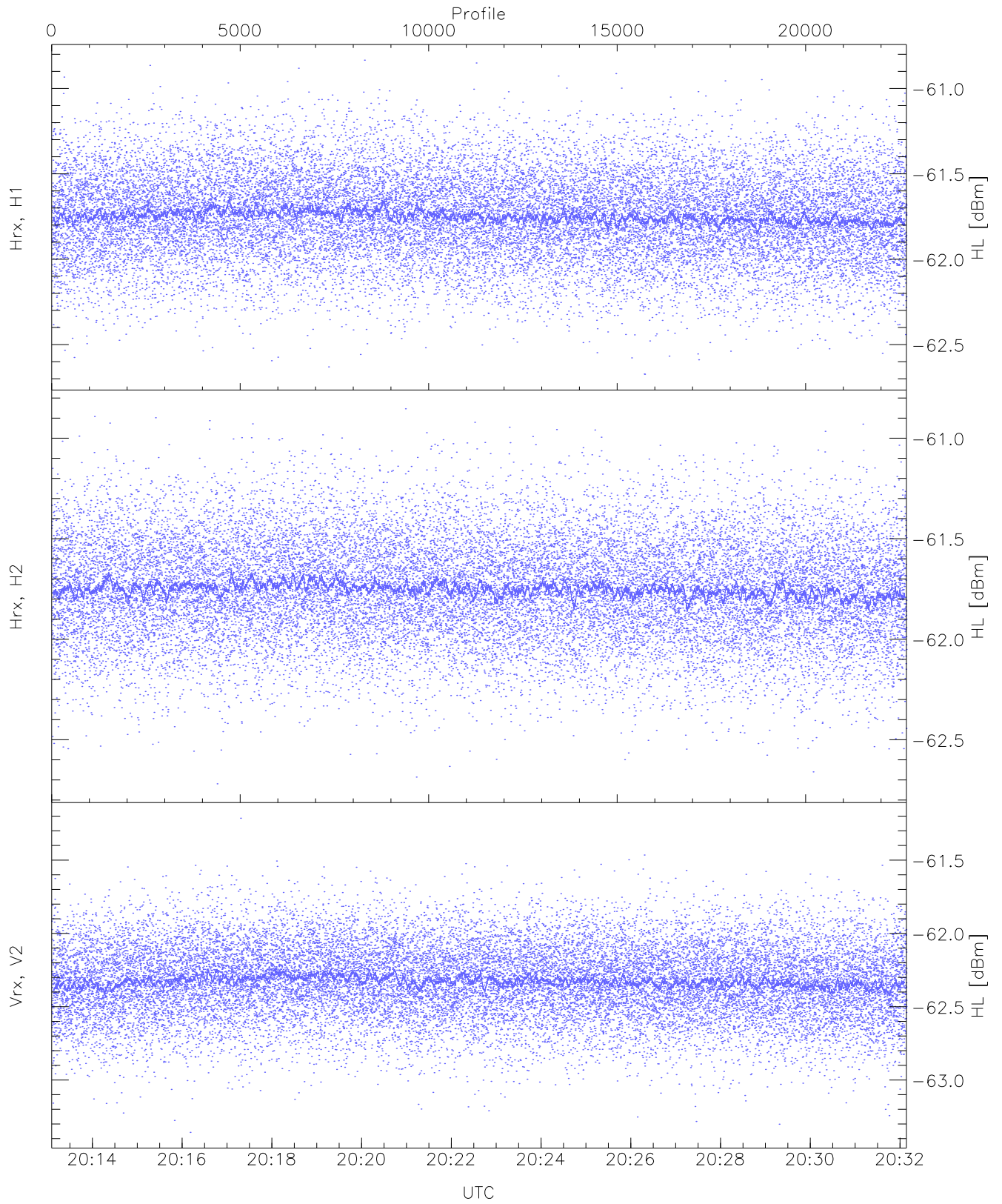
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1655 pixs, 55 gates, 1651 profs, 1 prods



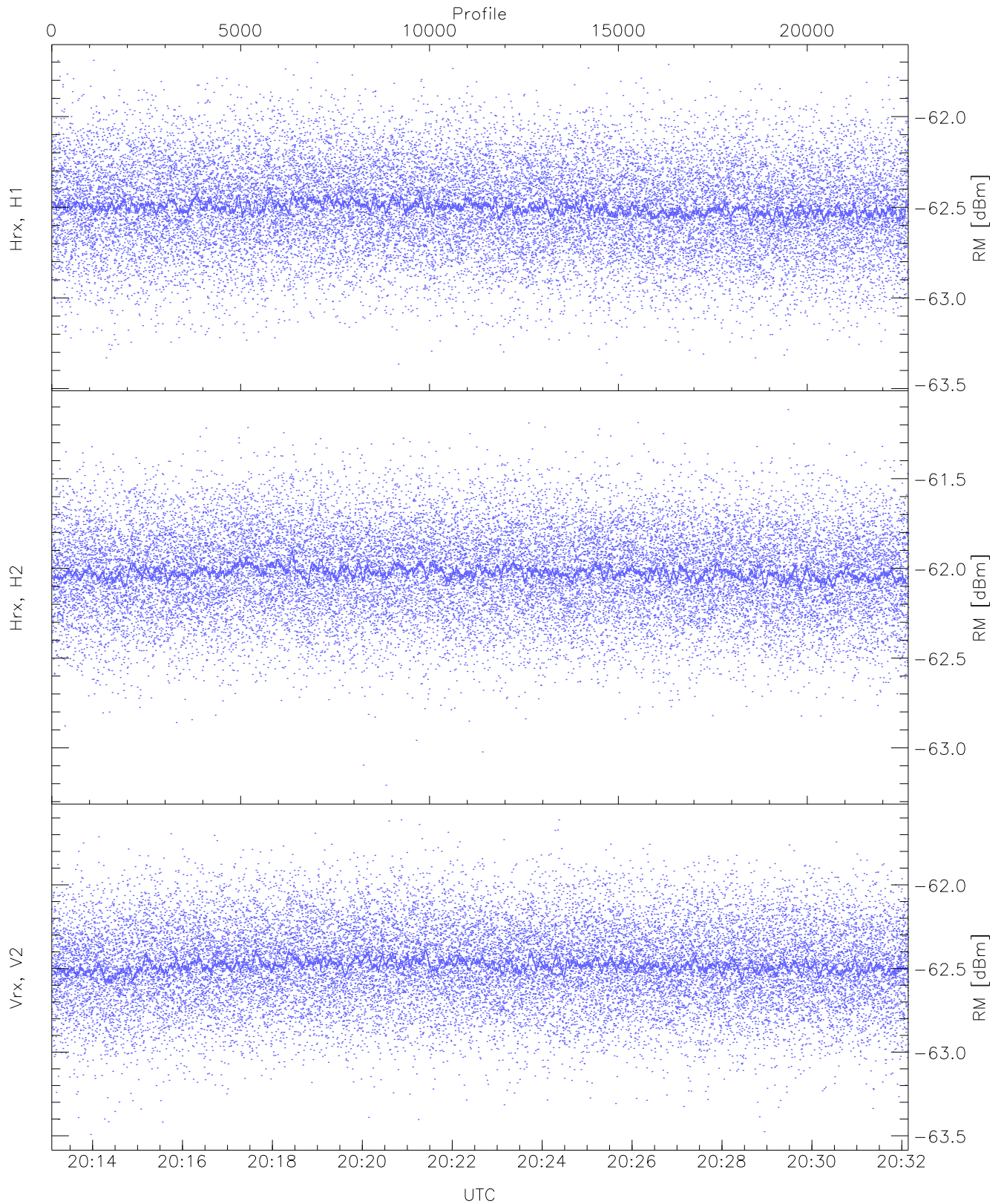
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.02	-61.10	-61.97	-61.98	-74.52
Hrx, H2 (WL [dBm])	-63.07	-61.13	-61.97	-61.97	-74.53
Vrx, V2 (WL [dBm])	-63.45	-61.66	-62.53	-62.53	-75.07



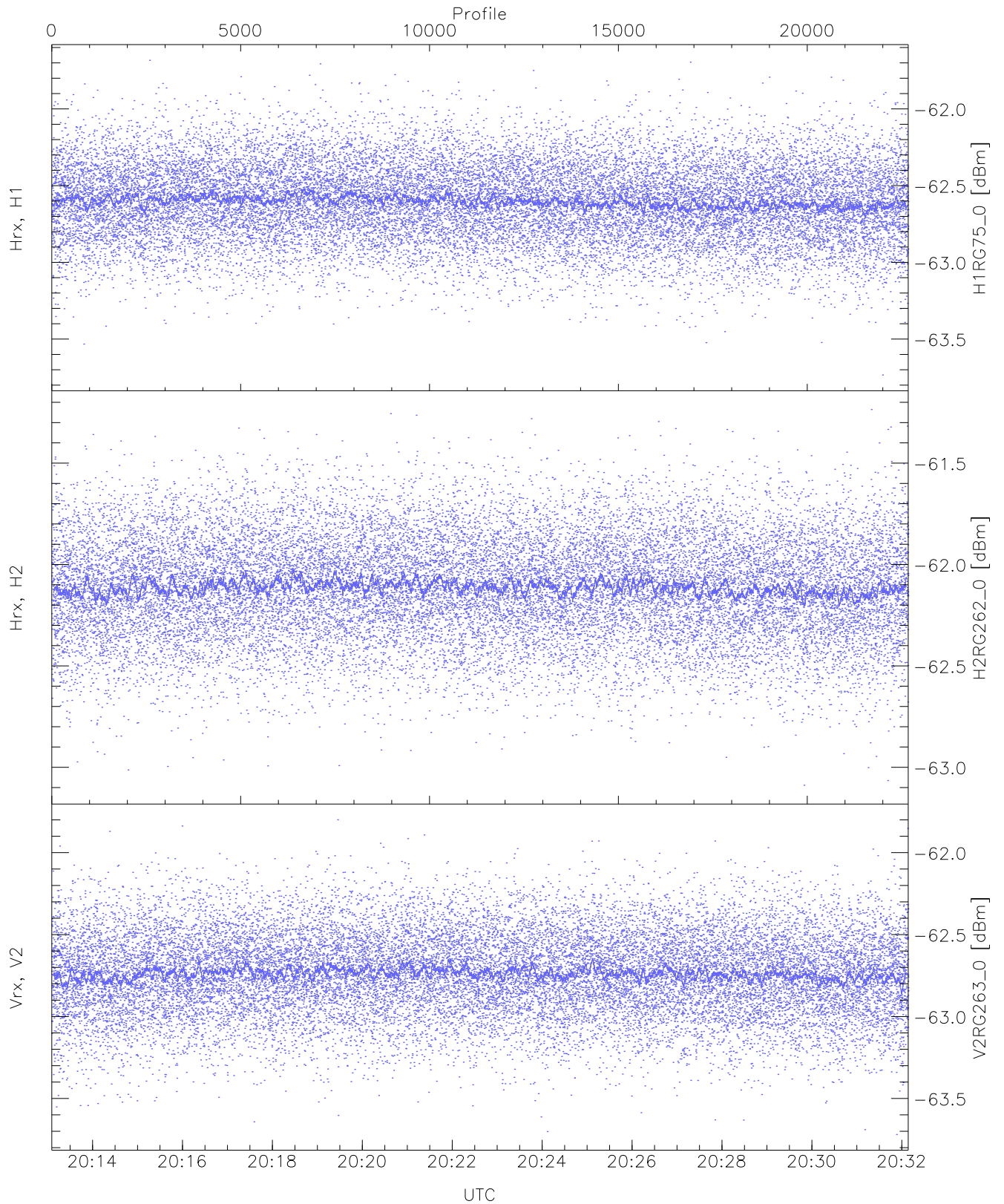
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.67	-60.83	-61.75	-61.75	-74.29
Hrx, H2 (HL [dBm])	-62.72	-60.85	-61.75	-61.76	-74.30
Vrx, V2 (HL [dBm])	-63.36	-61.21	-62.32	-62.33	-74.89



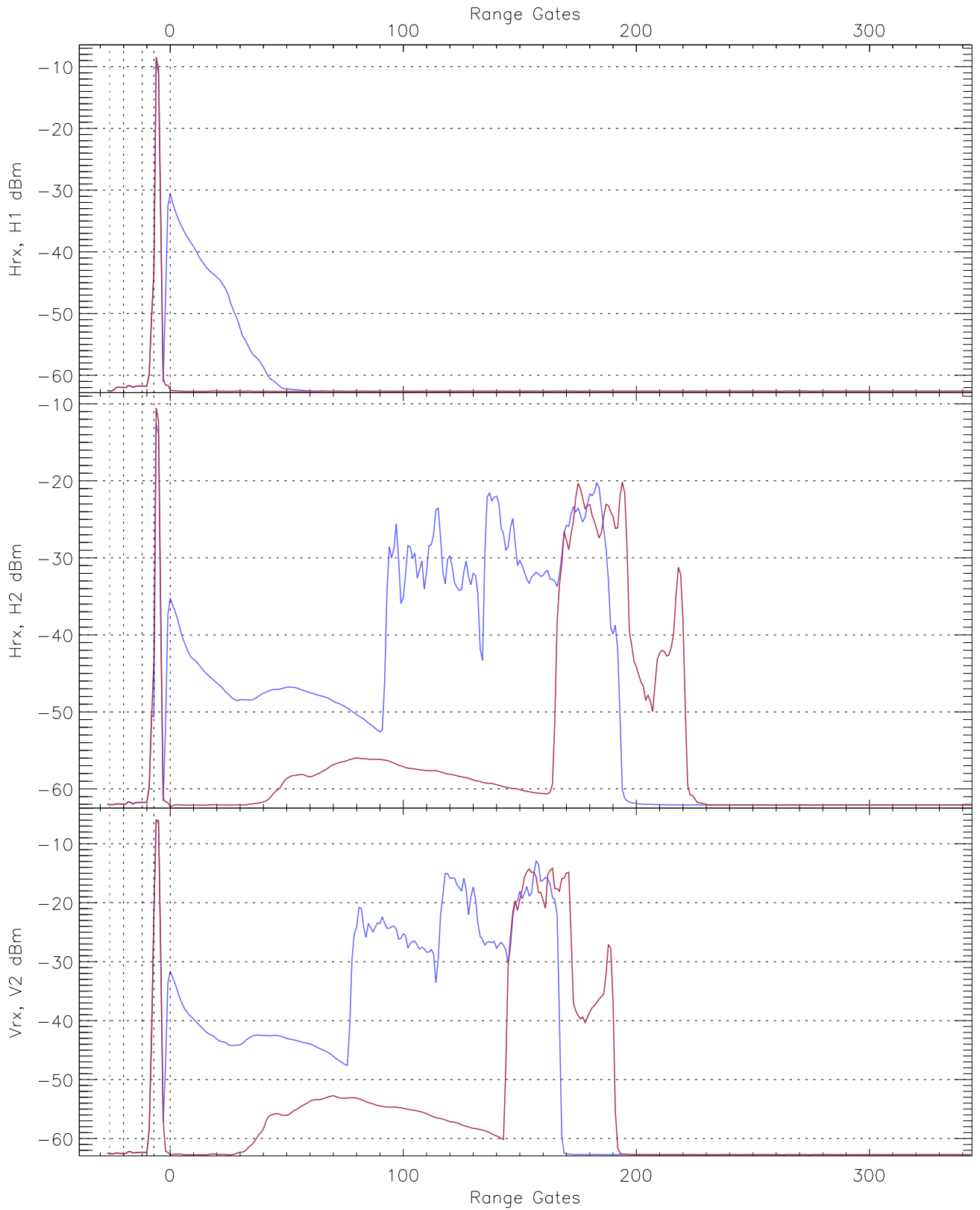
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.42	-61.69	-62.50	-62.50	-75.06
Hrx, H2 (RM [dBm])	-63.21	-61.11	-62.02	-62.02	-74.60
Vrx, V2 (RM [dBm])	-63.49	-61.61	-62.48	-62.49	-75.01



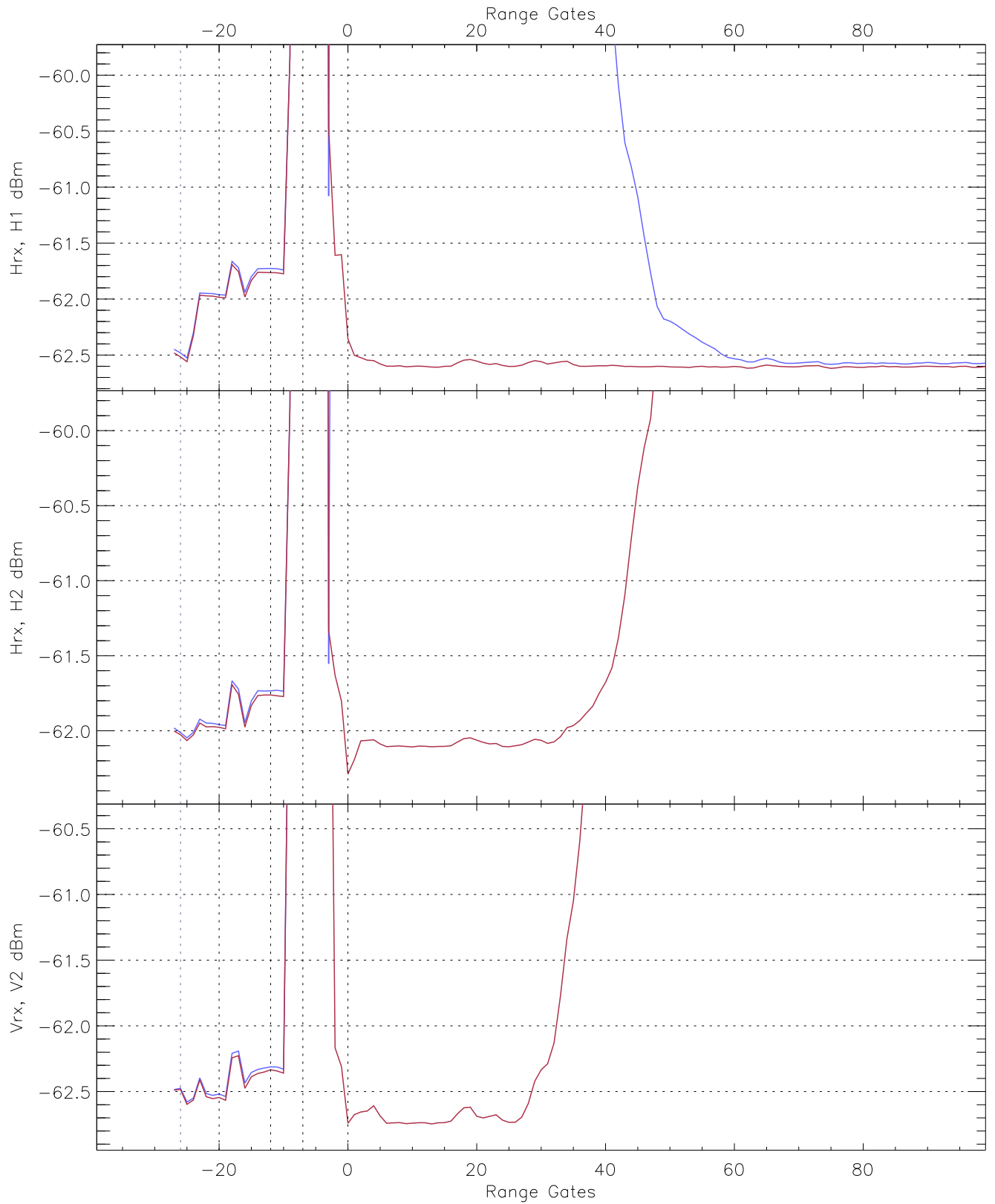
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.73	-61.68	-62.60	-62.60	-75.15
H2RG262_0 [dBm]	-63.09	-61.24	-62.11	-62.11	-74.67
V2RG263_0 [dBm]	-63.72	-61.80	-62.73	-62.74	-75.26

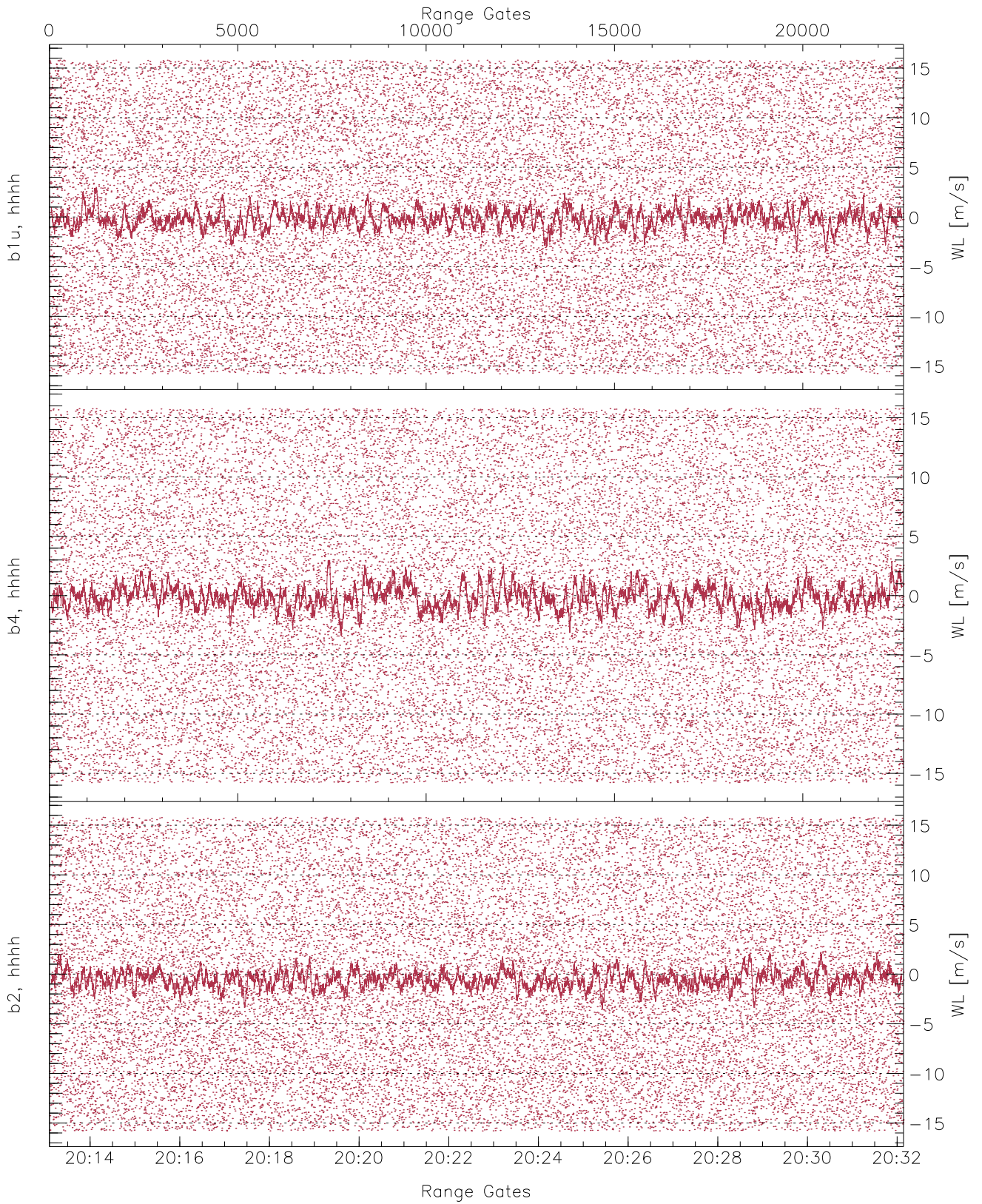


WCR2 CPP Averaged Received power for all recorded gates  
blue: 201306-202237, 11338 profiles averaged  
red: 202237-203209, 11338 profiles averaged

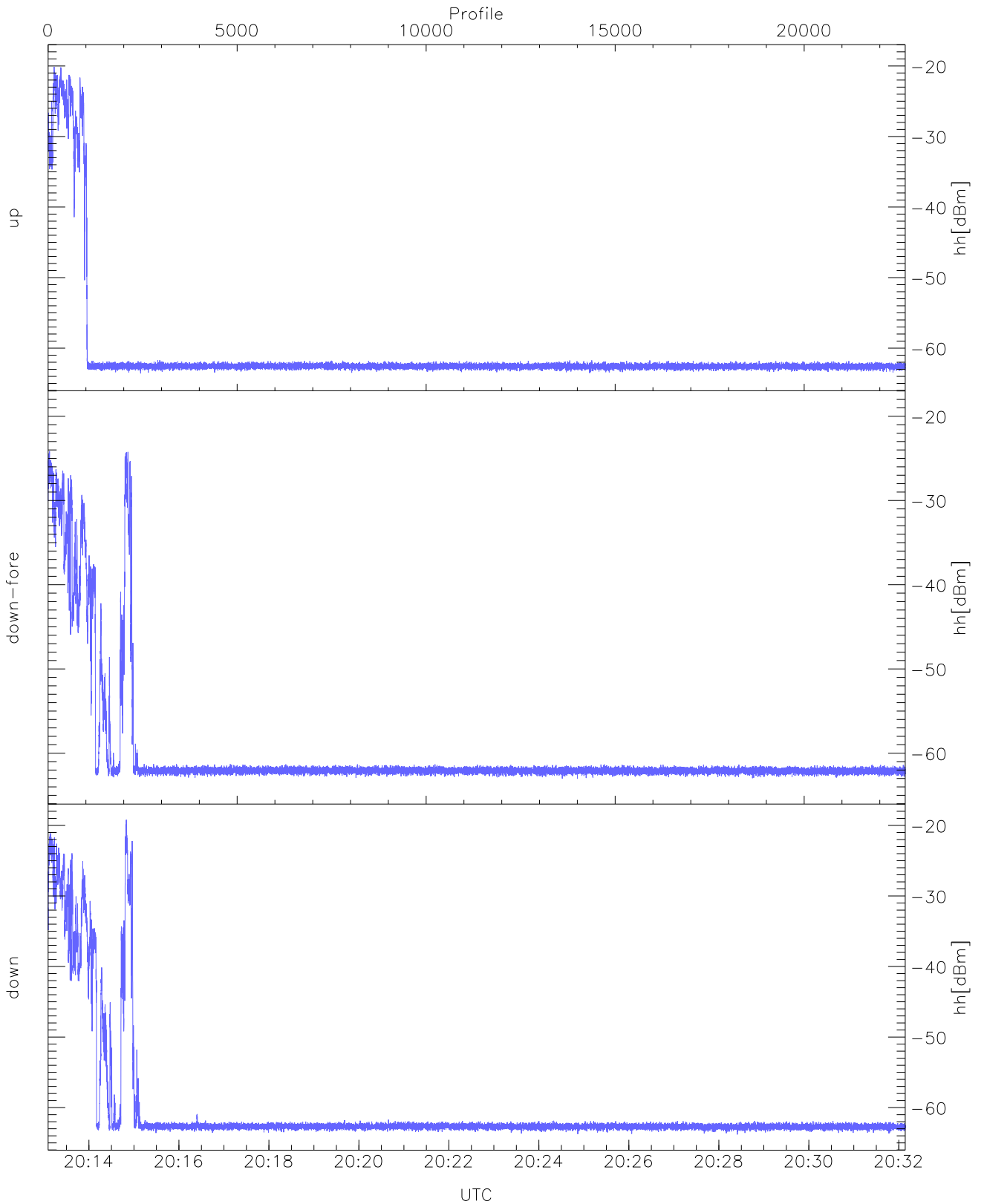




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 201306-202237, 11338 profiles averaged  
red: 202237-203209, 11338 profiles averaged

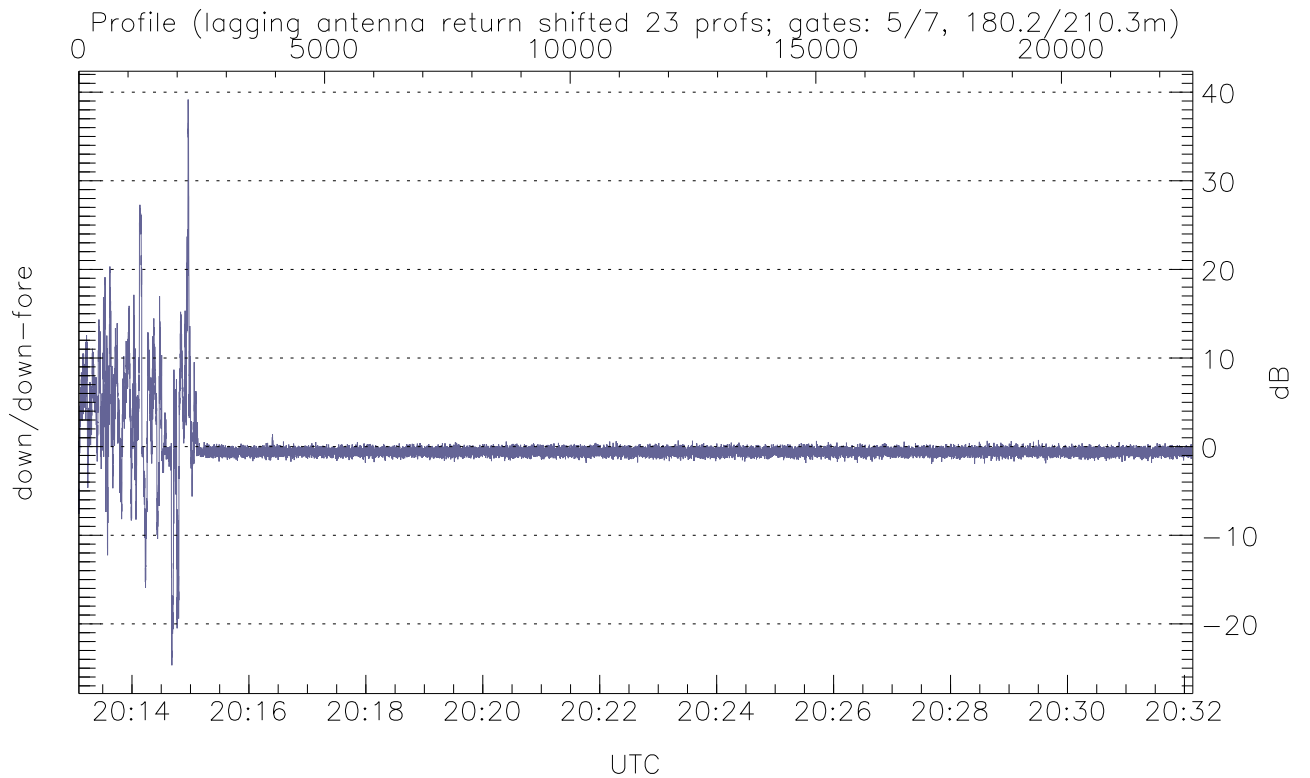
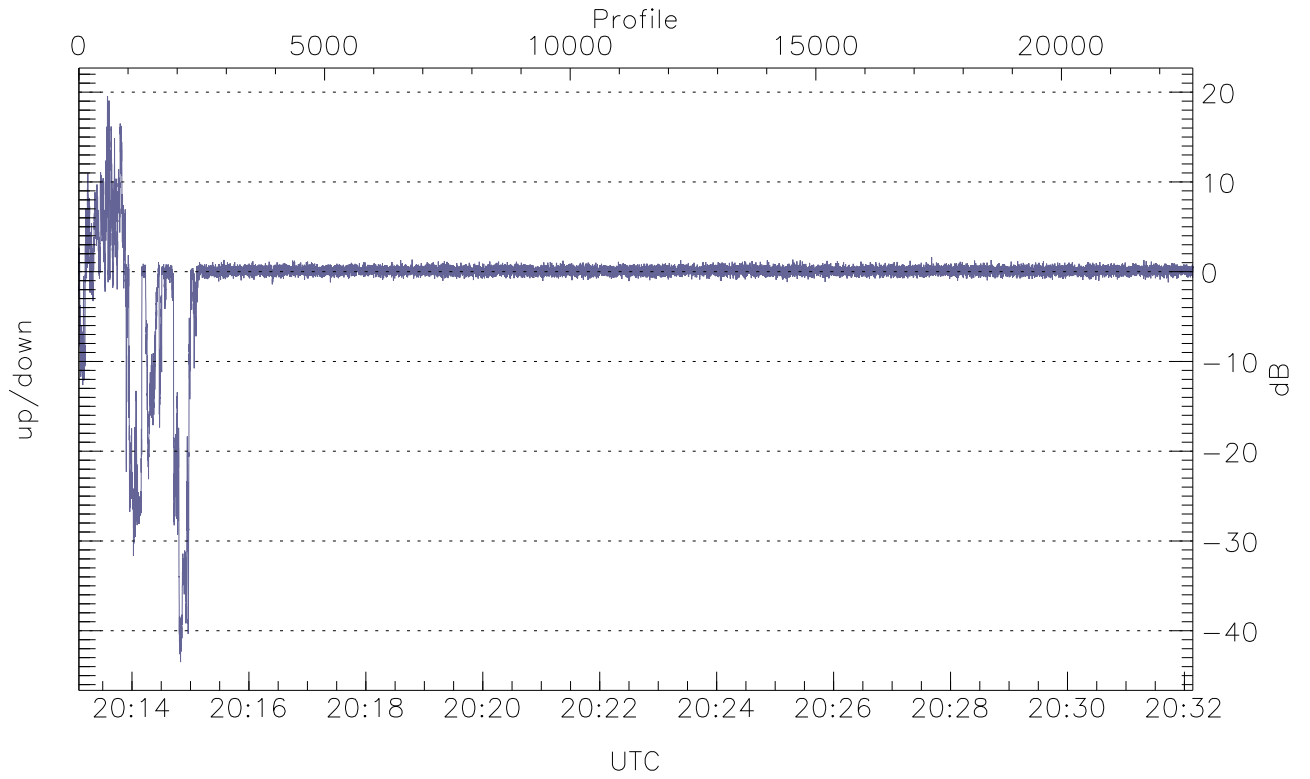


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



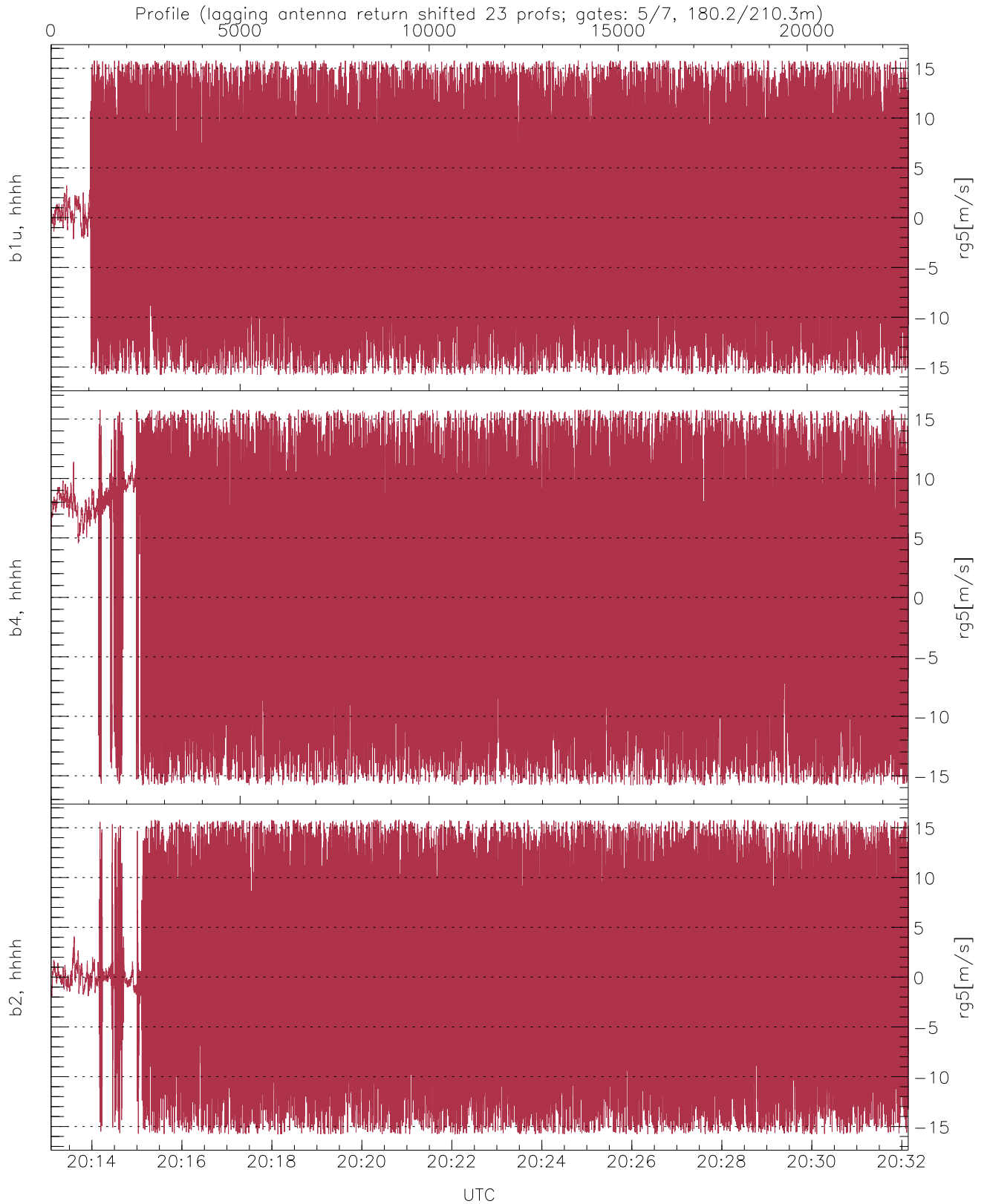
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.58	-20.12	-38.96
down-fore(hh[dBm])	-63.03	-24.14	-43.06
down(hh[dBm])	-63.81	-19.20	-39.99



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

	Min	Max	Mean
up/down (dB)	-43.49	19.54	-0.62
down/down-fore (dB)	-24.67	39.17	-0.10



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.16	8.79
b4, hhhh(rg5[m/s])	-15.80	15.80	0.54	8.97
b2, hhhh(rg5[m/s])	-15.79	15.80	-0.45	8.56