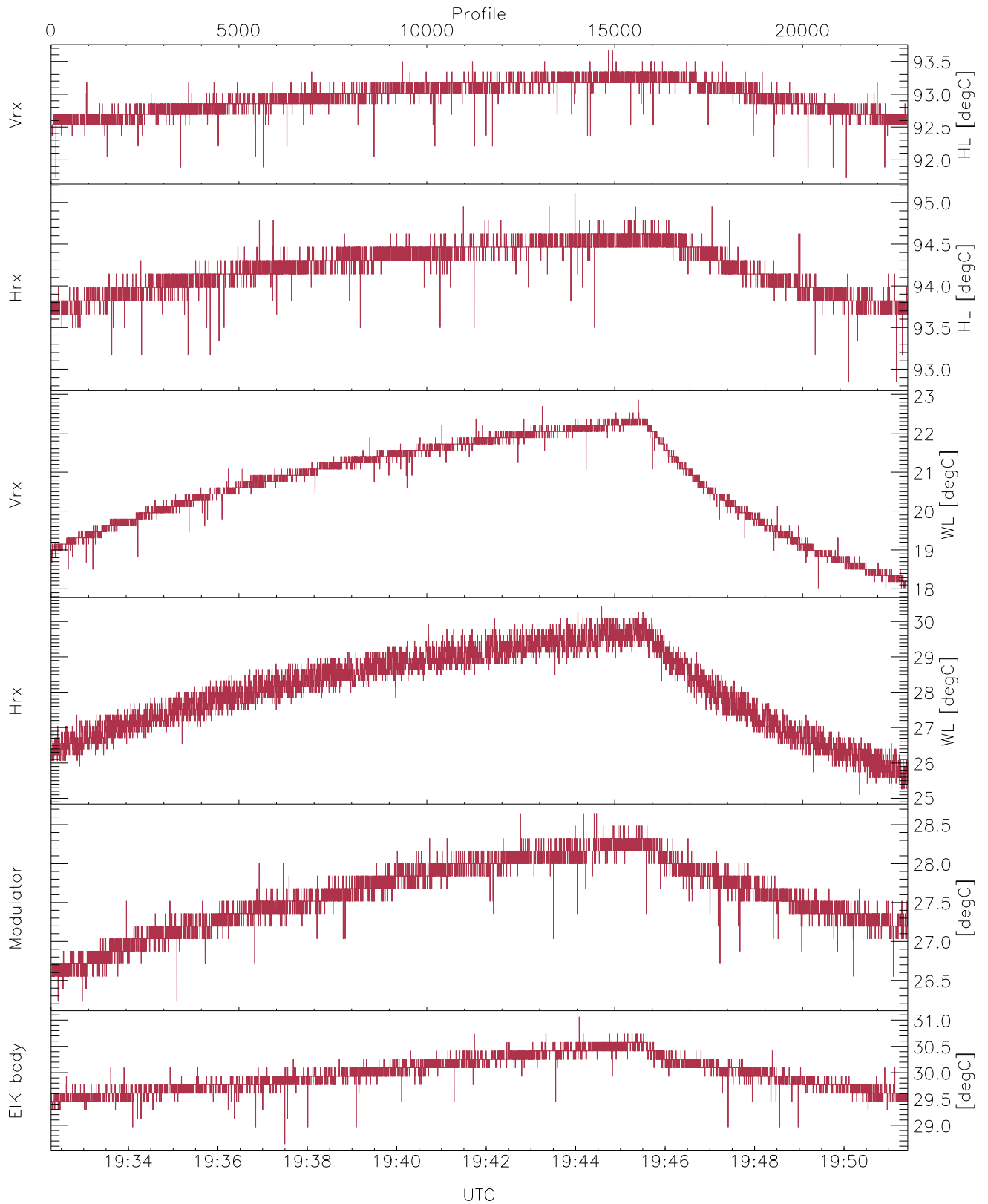


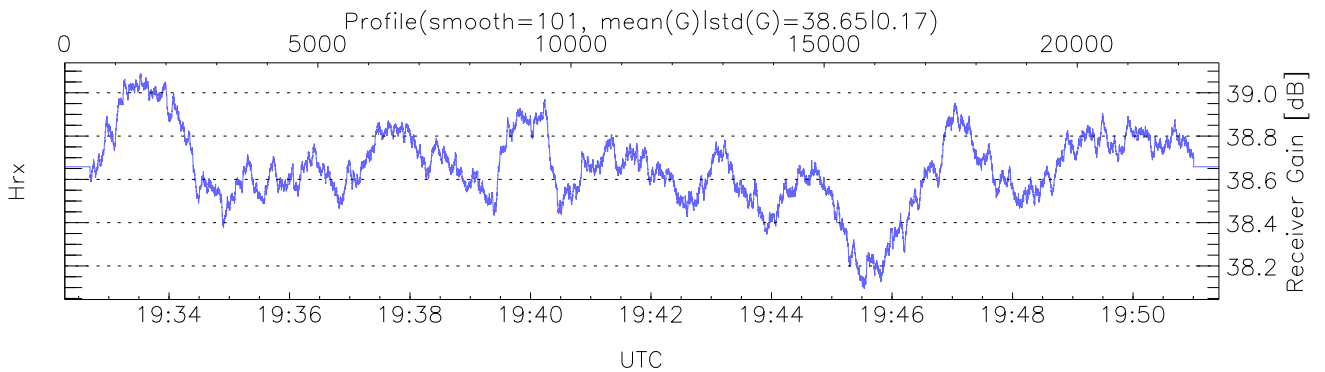
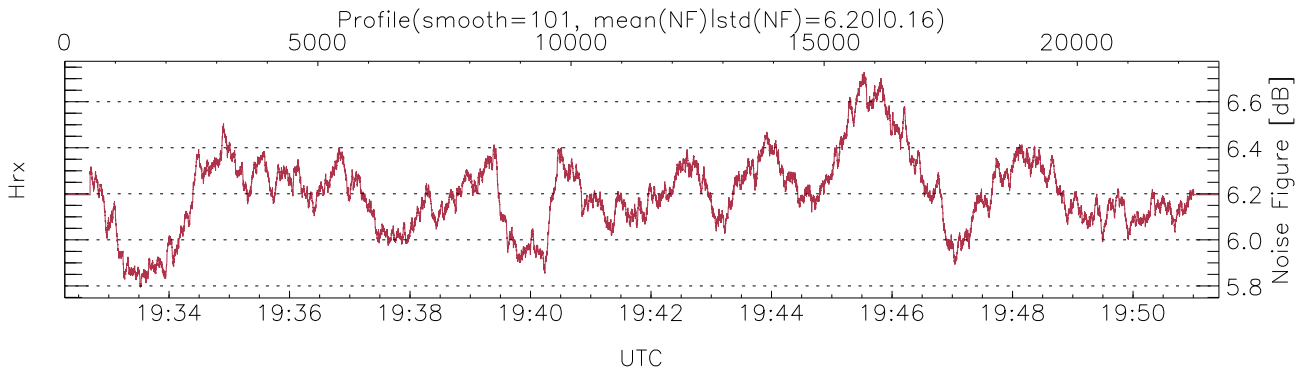
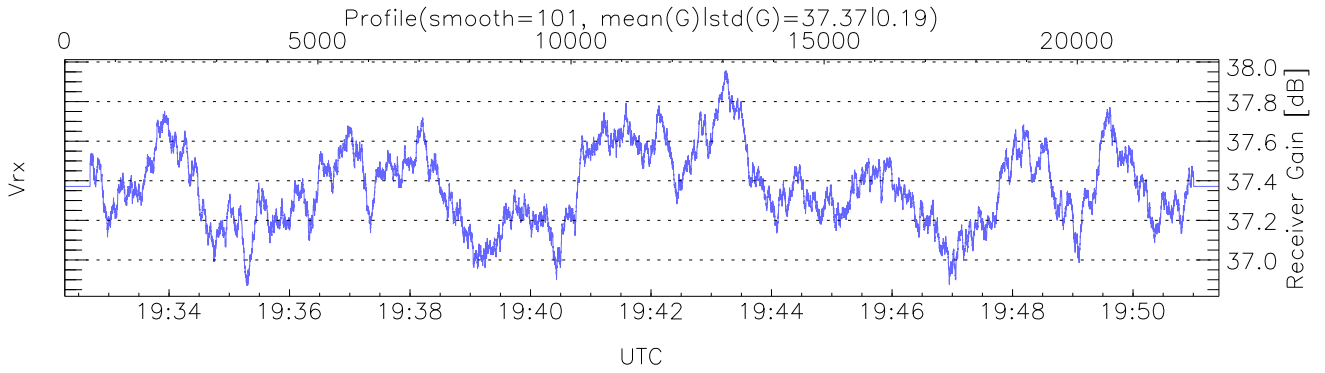
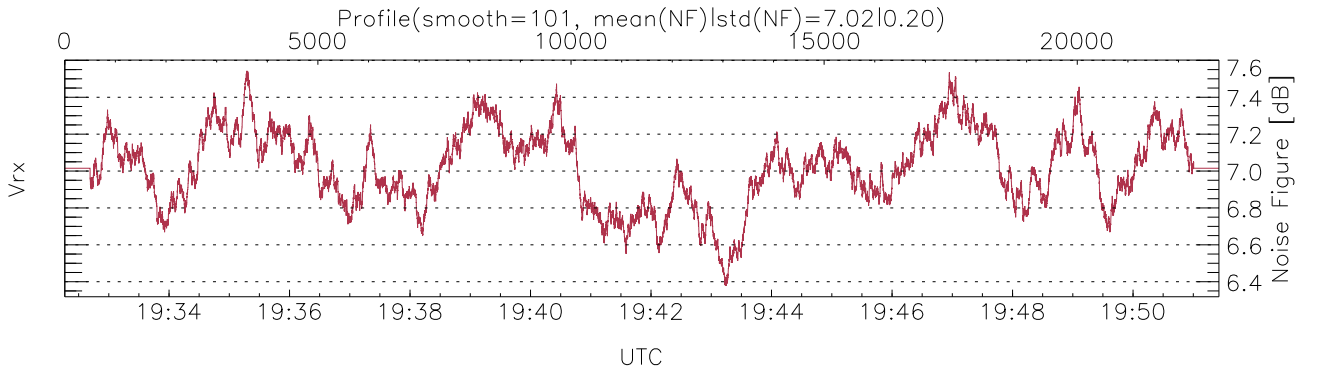
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:32:16-20:12:27, Dur: 2411.23s  
 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): 22800/47831, 0-22799/19:32:16-19:51:26  
 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



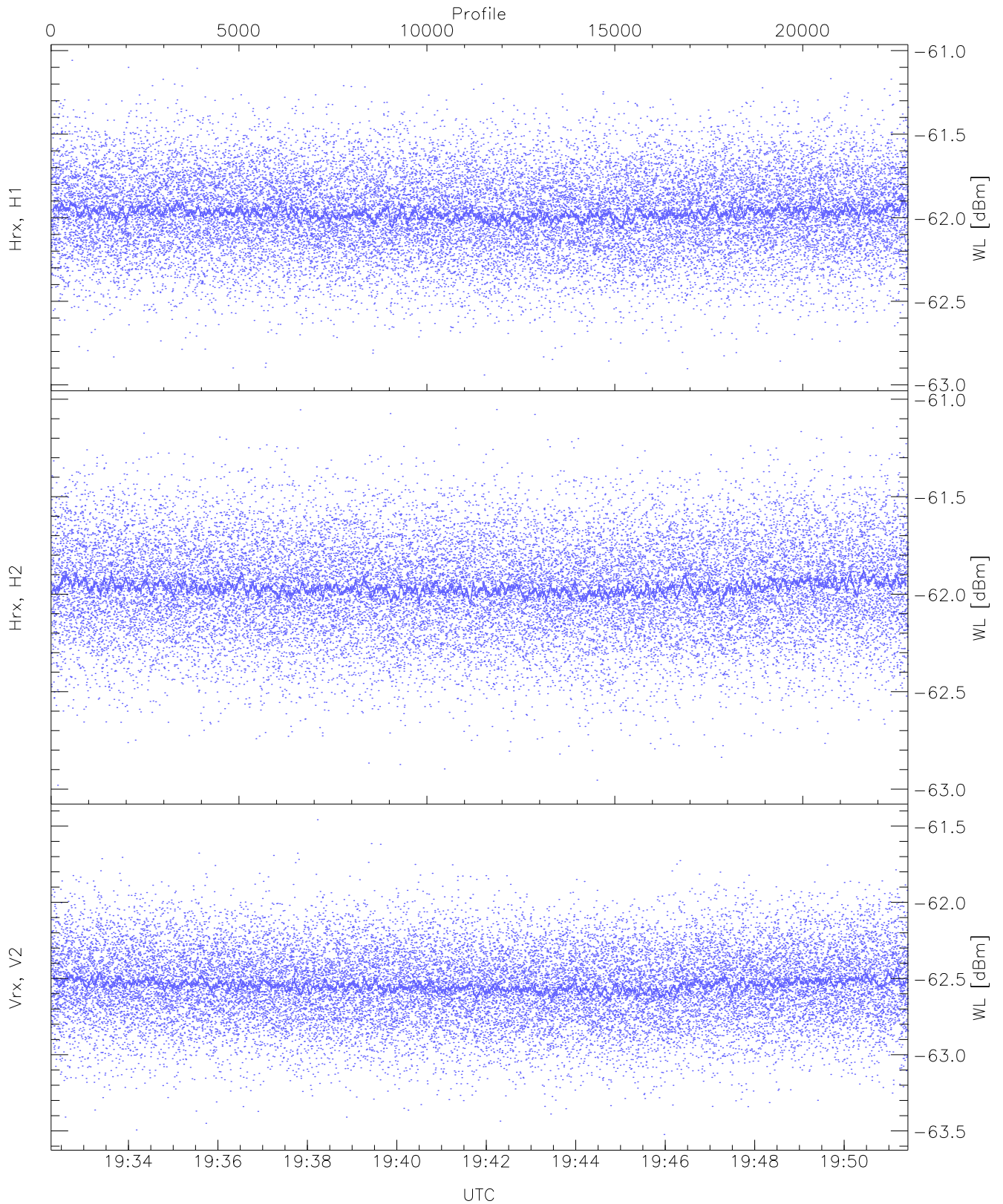
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,18,25,26,28  
 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 (16,16,21,21,21,16)



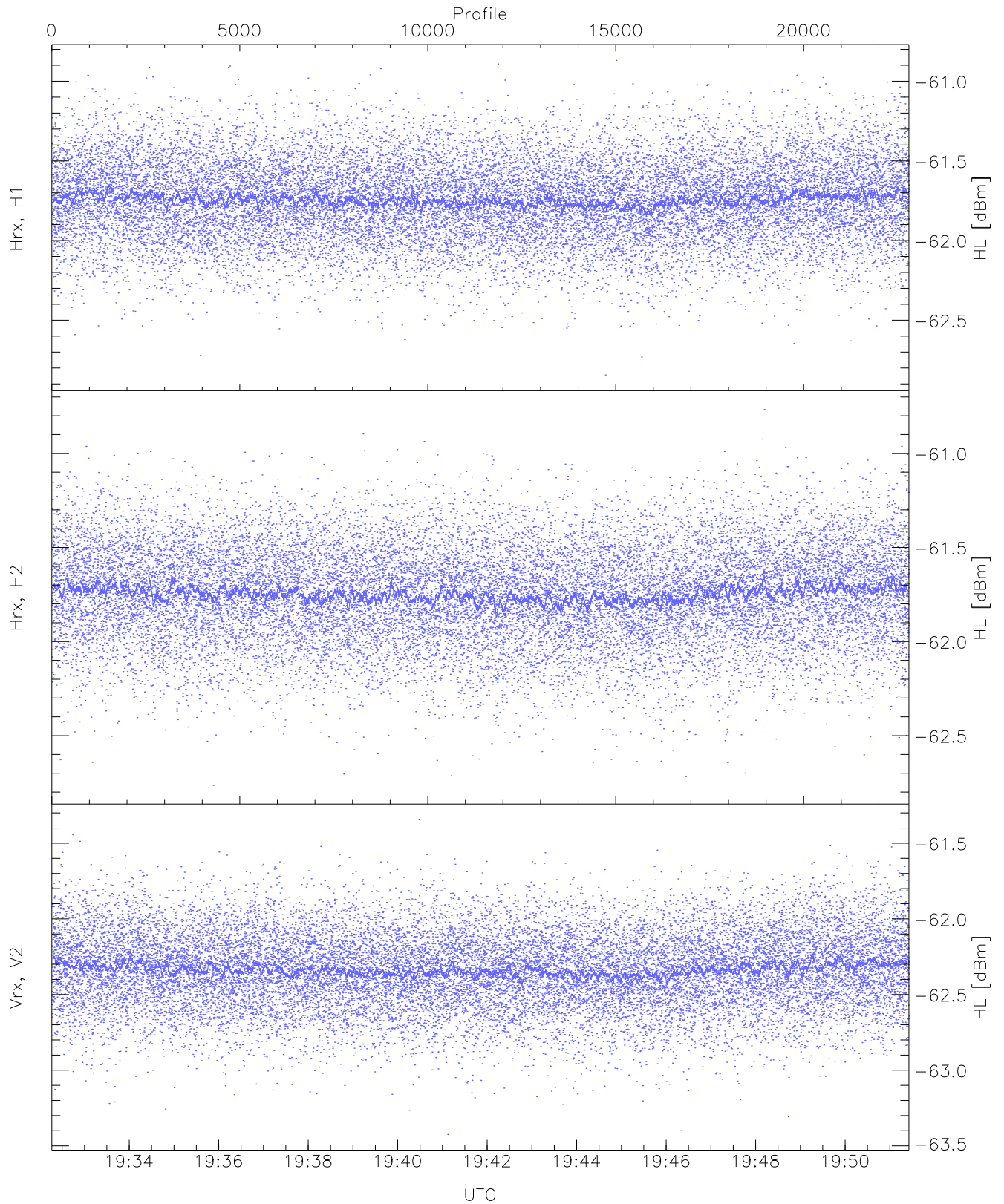
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 10530 pixs, 37 gates, 9544 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

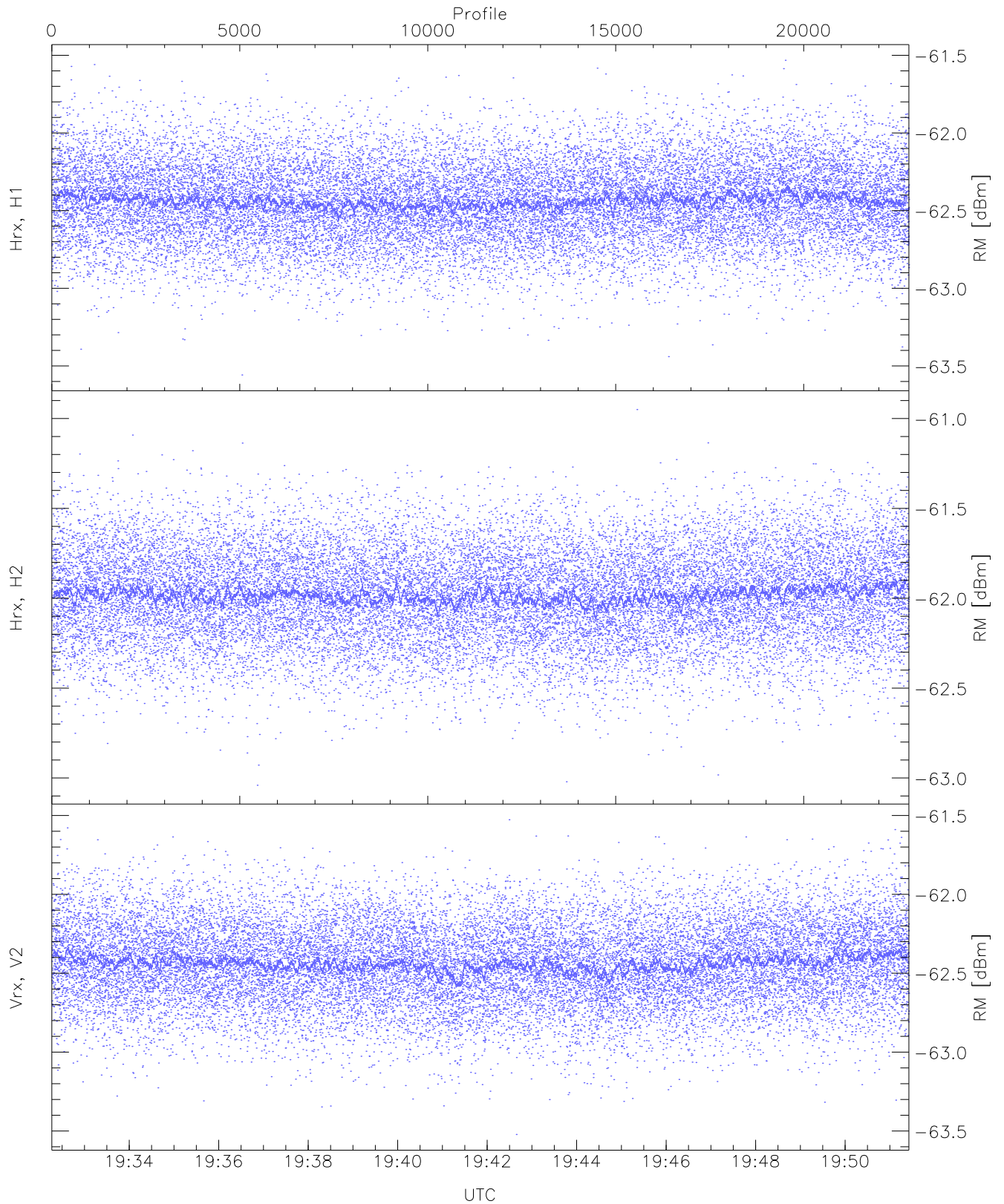
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.94	-61.06	-61.97	-61.97	-74.54
Hrx, H2 (WL [dBm])	-62.98	-61.05	-61.96	-61.97	-74.55
Vrx, V2 (WL [dBm])	-63.52	-61.46	-62.54	-62.55	-75.05



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

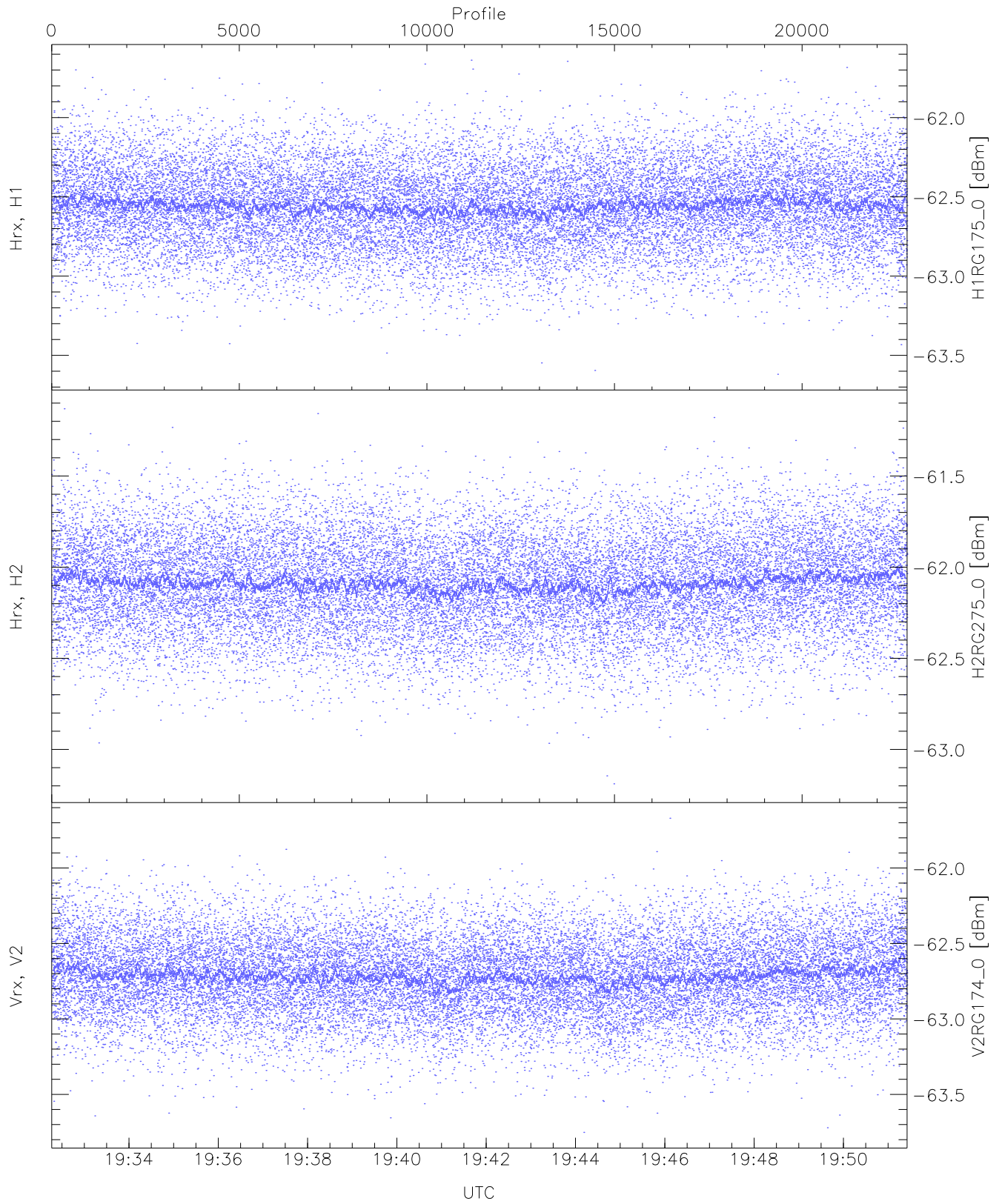
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.84	-60.87	-61.74	-61.74	-74.30
Hrx, H2 (HL [dBm])	-62.76	-60.77	-61.74	-61.74	-74.30
Vrx, V2 (HL [dBm])	-63.42	-61.35	-62.33	-62.34	-74.88





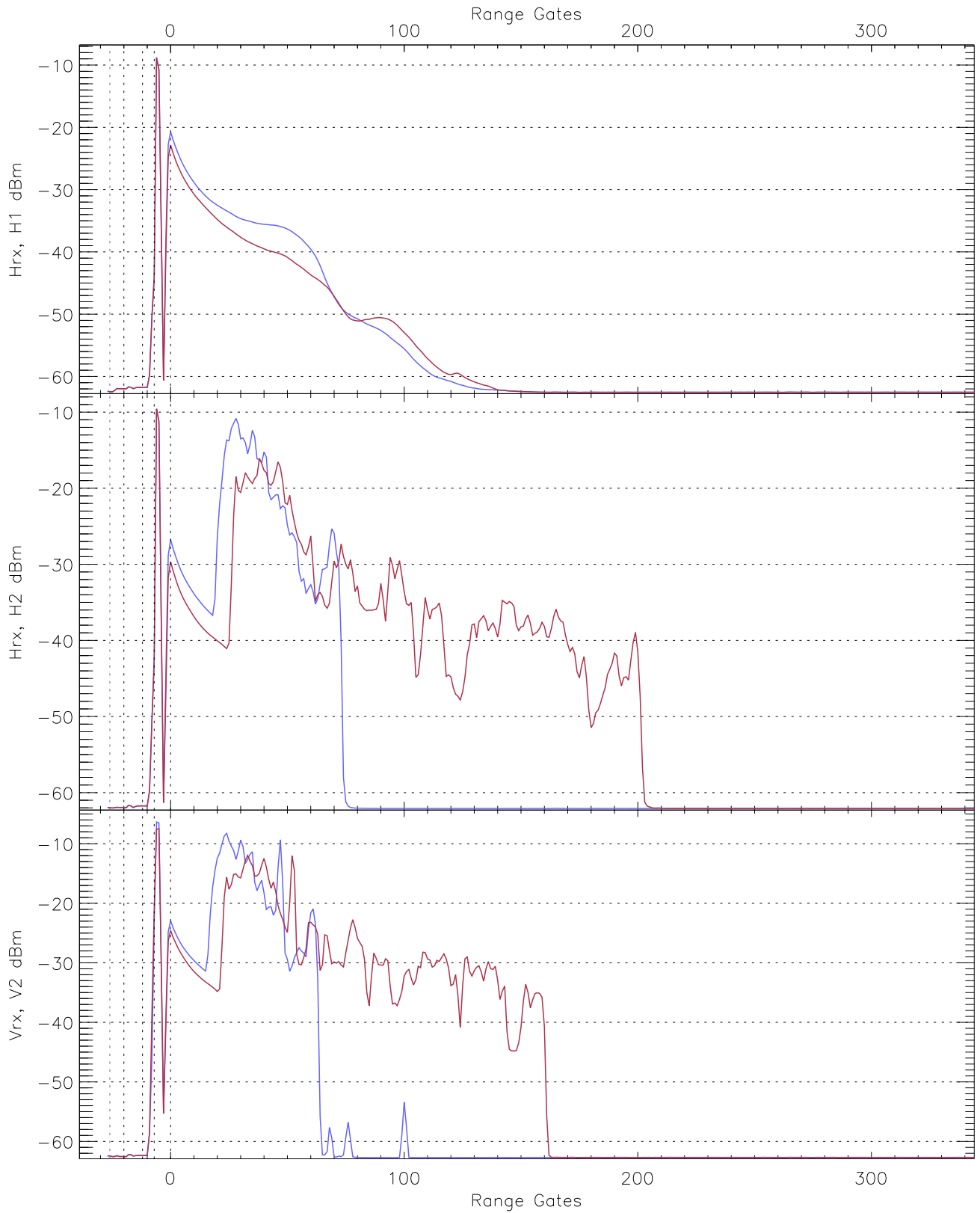
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.56	-61.53	-62.44	-62.44	-74.97
Hrx, H2 (RM [dBm])	-63.04	-60.95	-61.98	-61.98	-74.51
Vrx, V2 (RM [dBm])	-63.52	-61.53	-62.44	-62.44	-74.94



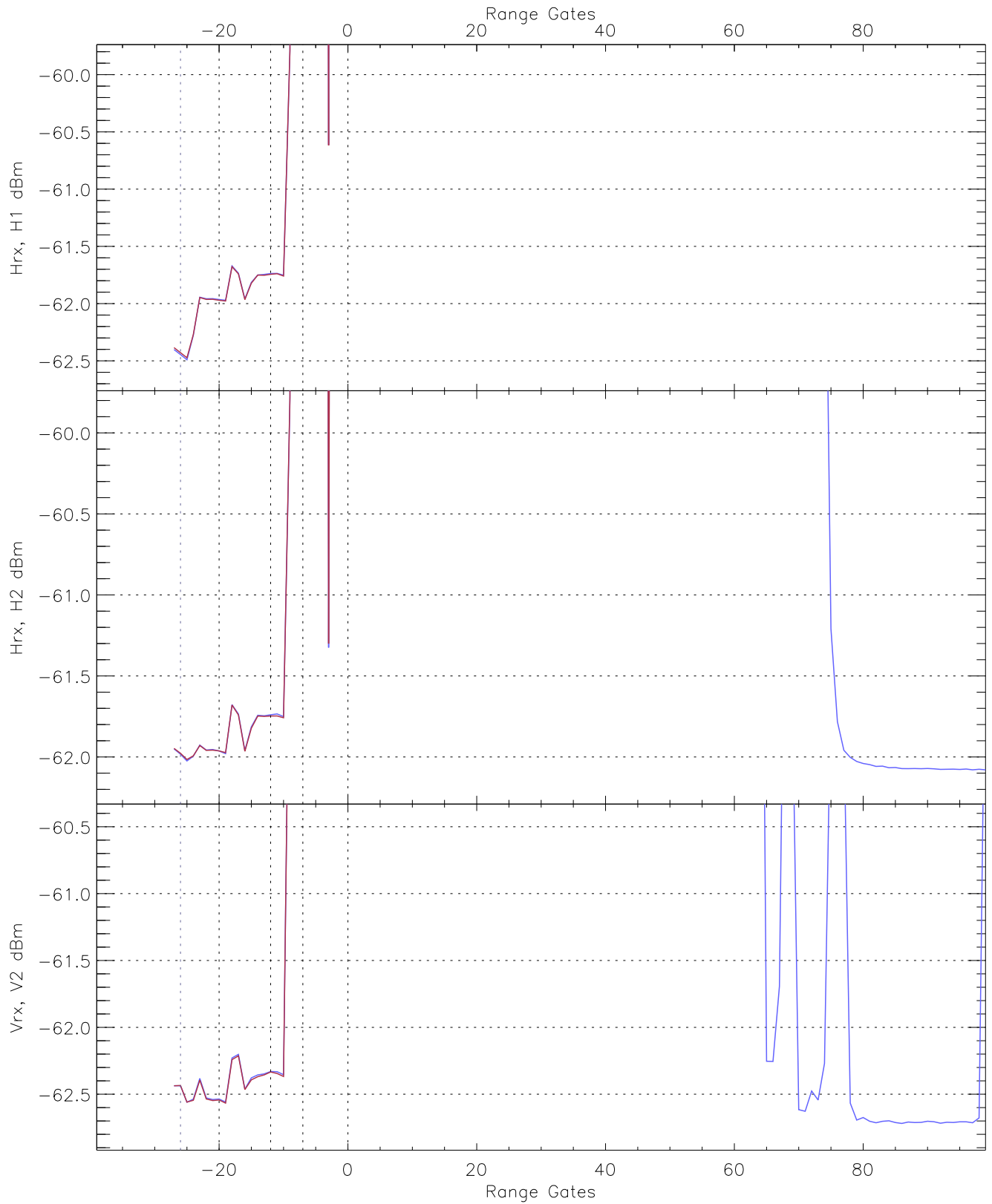
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.62	-61.64	-62.55	-62.56	-75.08
H2RG275_0 [dBm]	-63.19	-61.13	-62.09	-62.09	-74.64
V2RG174_0 [dBm]	-63.75	-61.67	-62.71	-62.72	-75.23

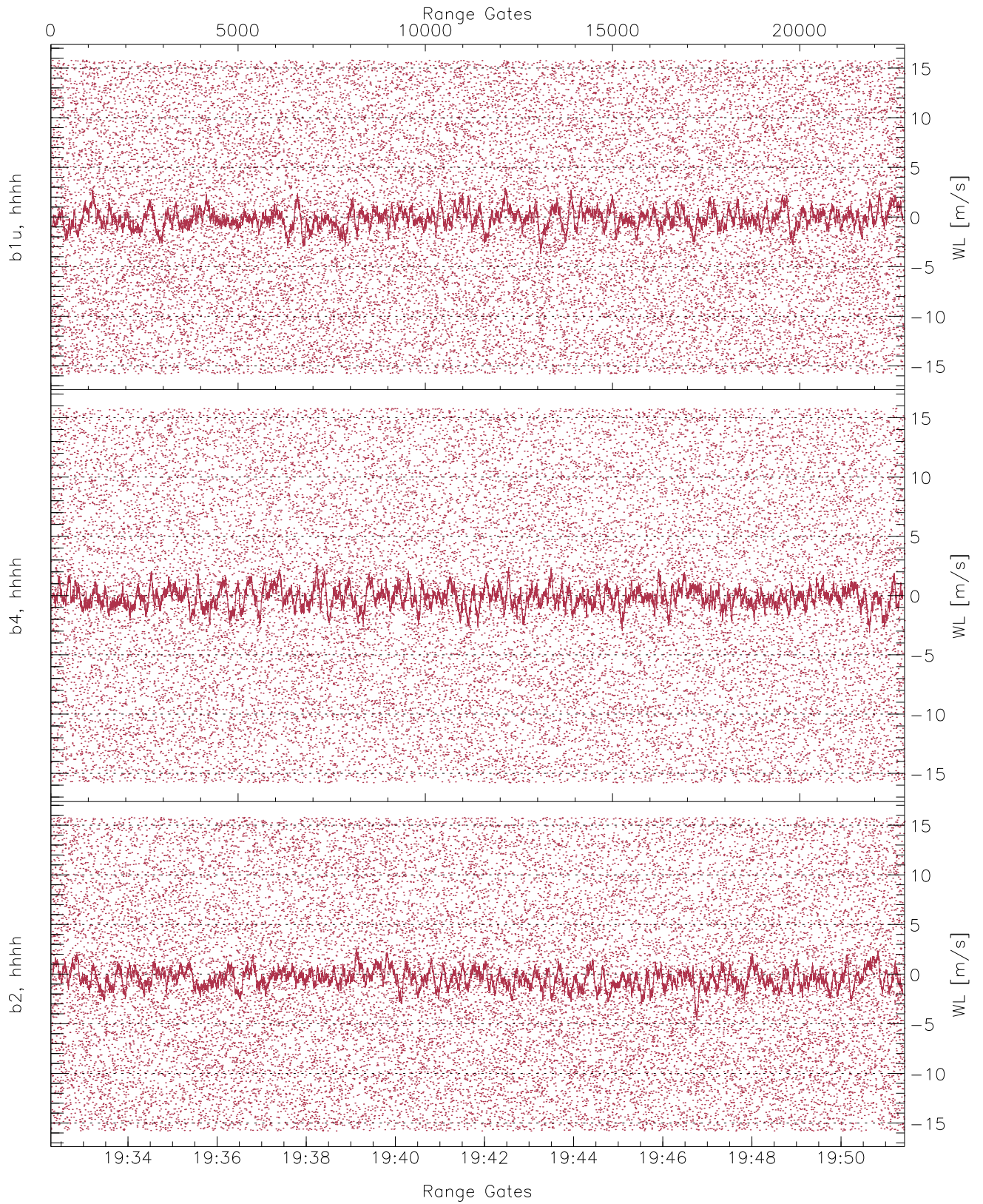


WCR2 CPP Averaged Received power for all recorded gates  
blue: 193216-194151, 11401 profiles averaged  
red: 194151-195126, 11400 profiles averaged

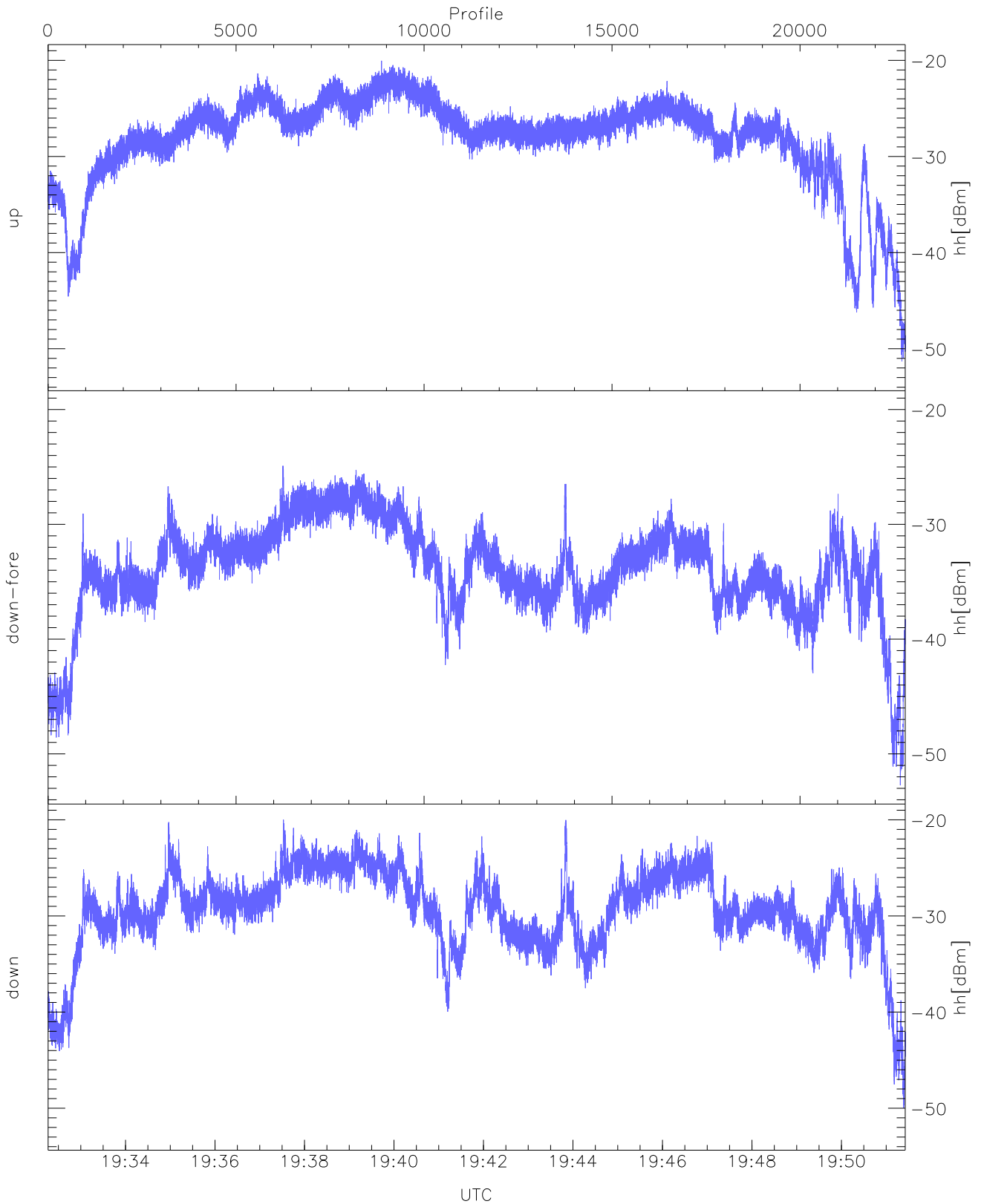




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 193216-194151, 11401 profiles averaged  
red: 194151-195126, 11400 profiles averaged

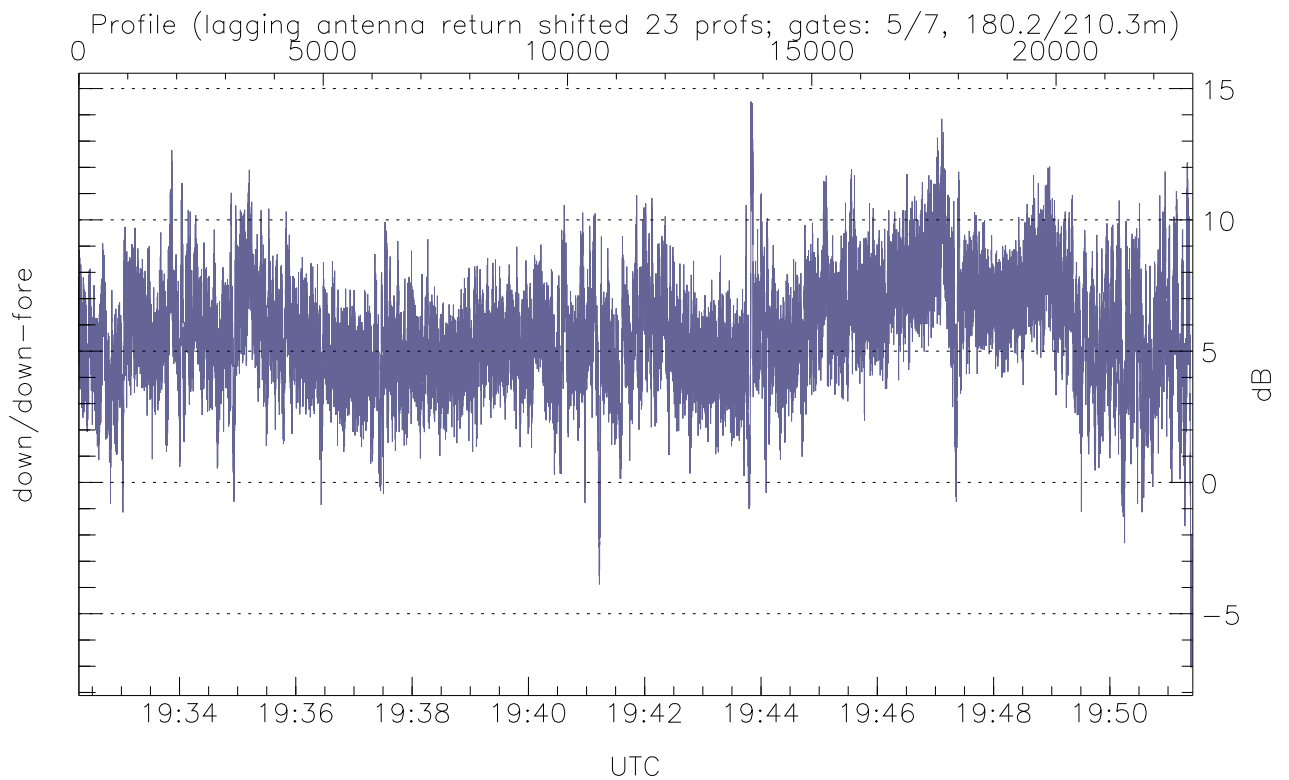
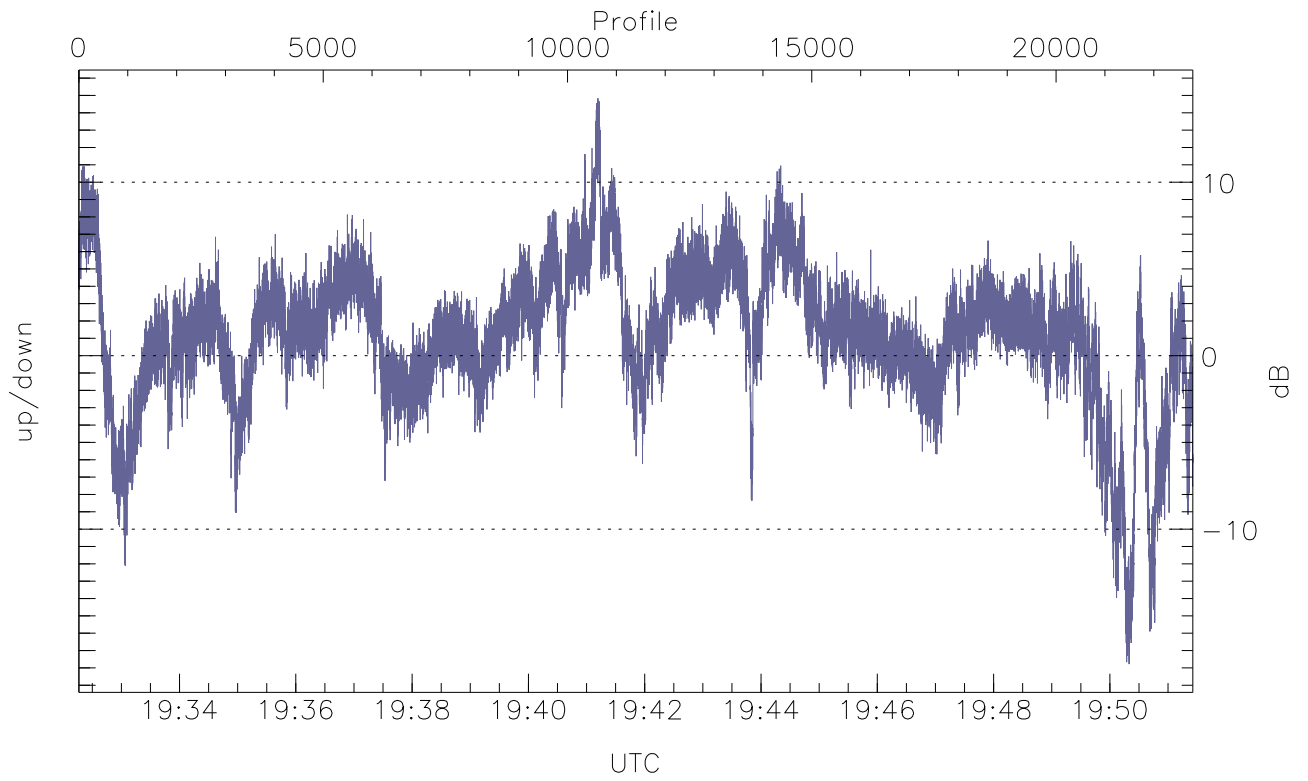


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



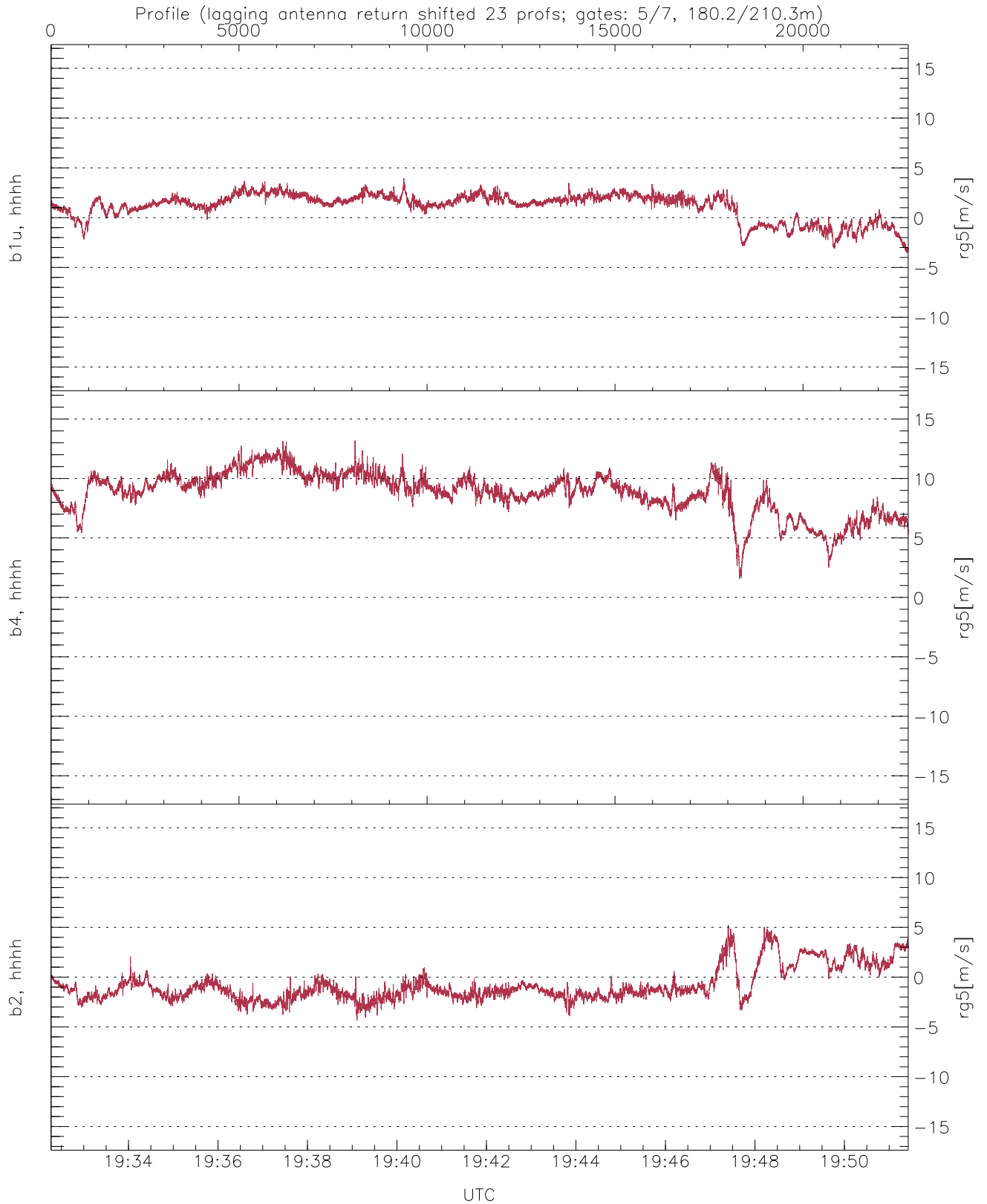
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh [dBm])	-51.31	-20.04	-26.61
down-fore(hh [dBm])	-52.73	-24.90	-32.44
down(hh [dBm])	-49.98	-20.00	-27.90



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

	Min	Max	Mean
up/down (dB)	-17.78	14.84	1.20
down/down-fore (dB)	-7.04	14.51	5.72



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.56	3.97	1.12	1.35
b4, hhhh(rg5[m/s])	1.56	13.18	8.77	1.79
b2, hhhh(rg5[m/s])	-4.36	5.21	-0.81	1.66