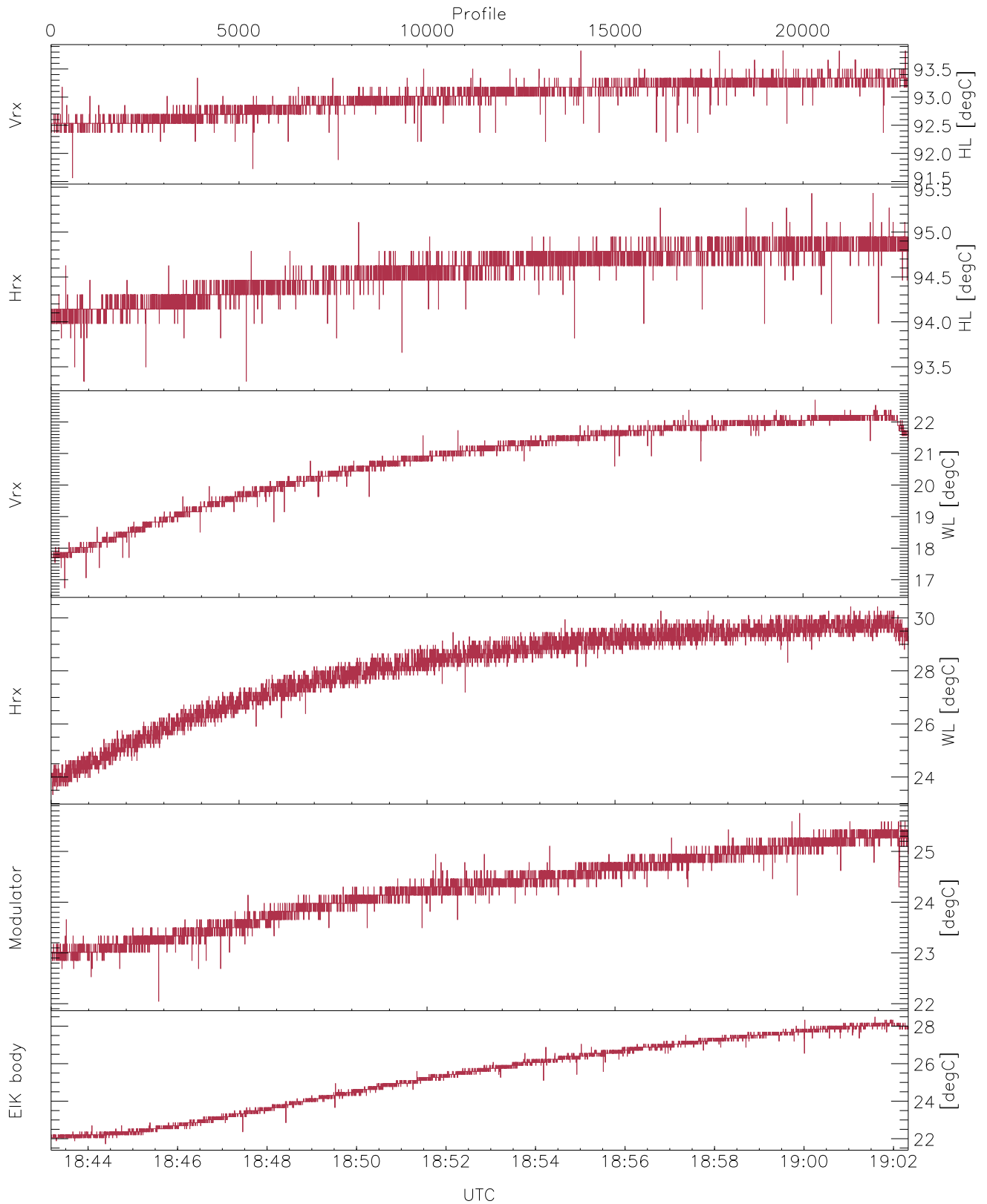


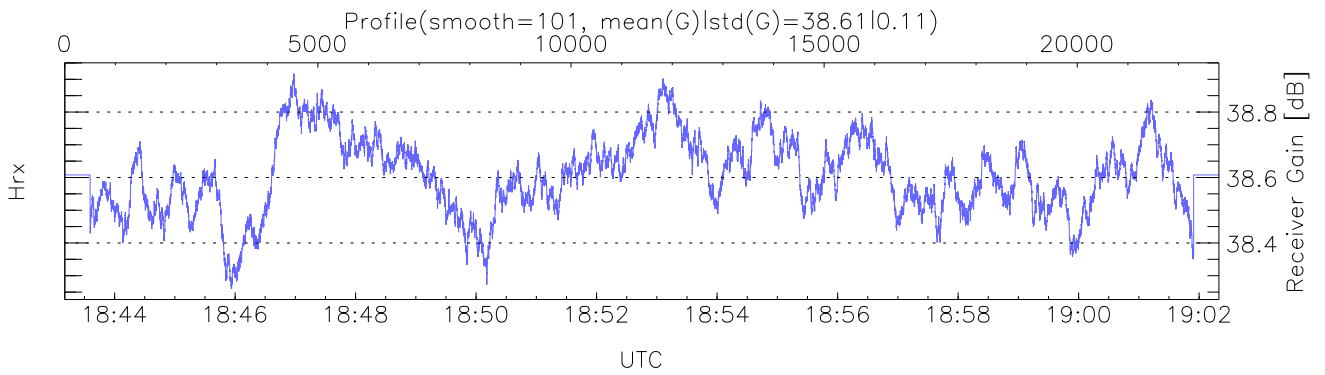
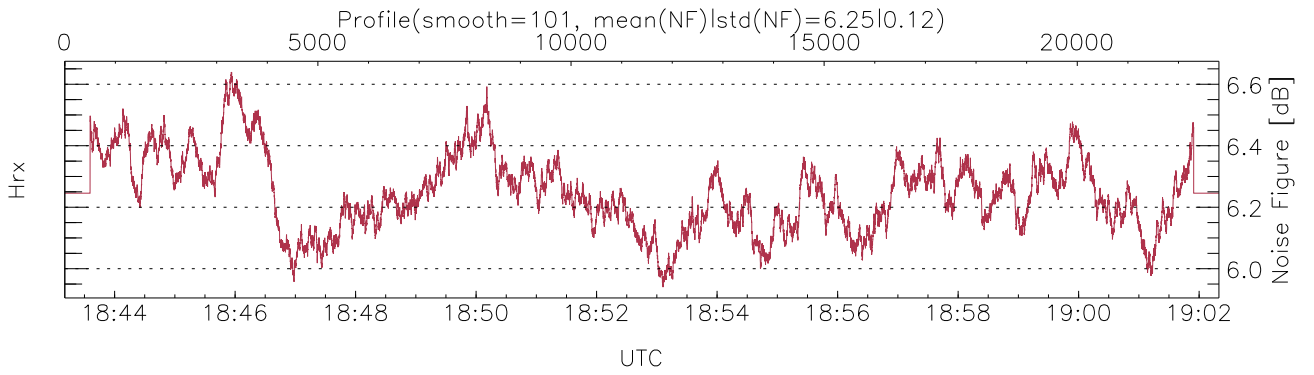
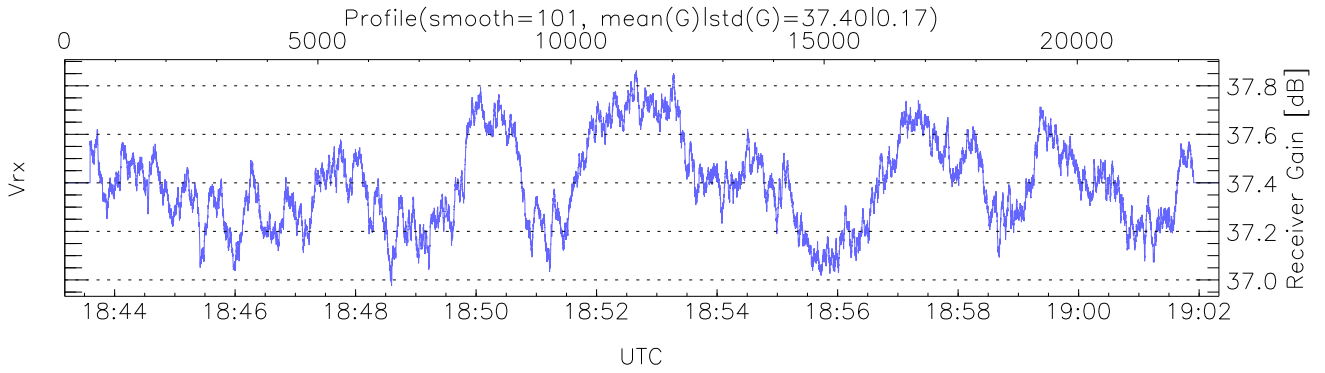
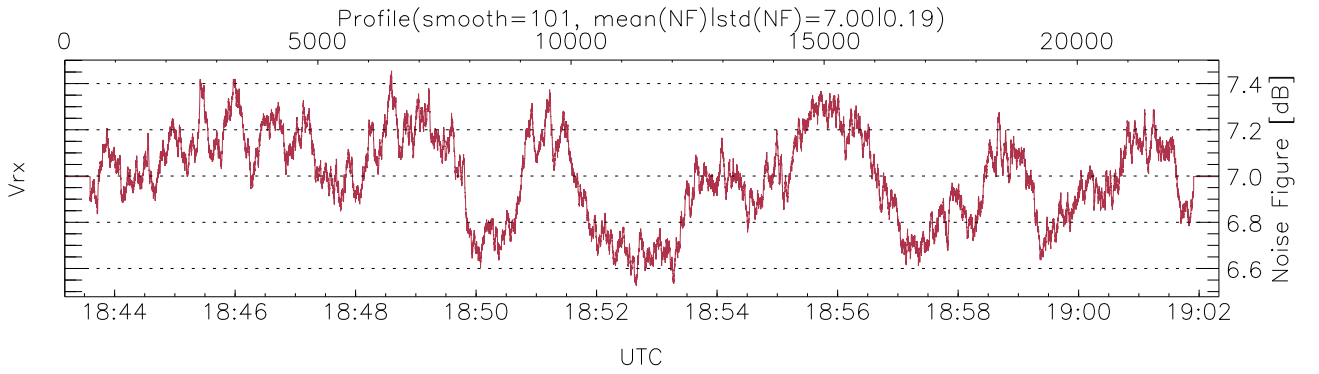
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:43:10-19:09:22, Dur: 1571.41s  
 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): 22800/31172, 0-22799/18:43:10-19:02:20  
 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



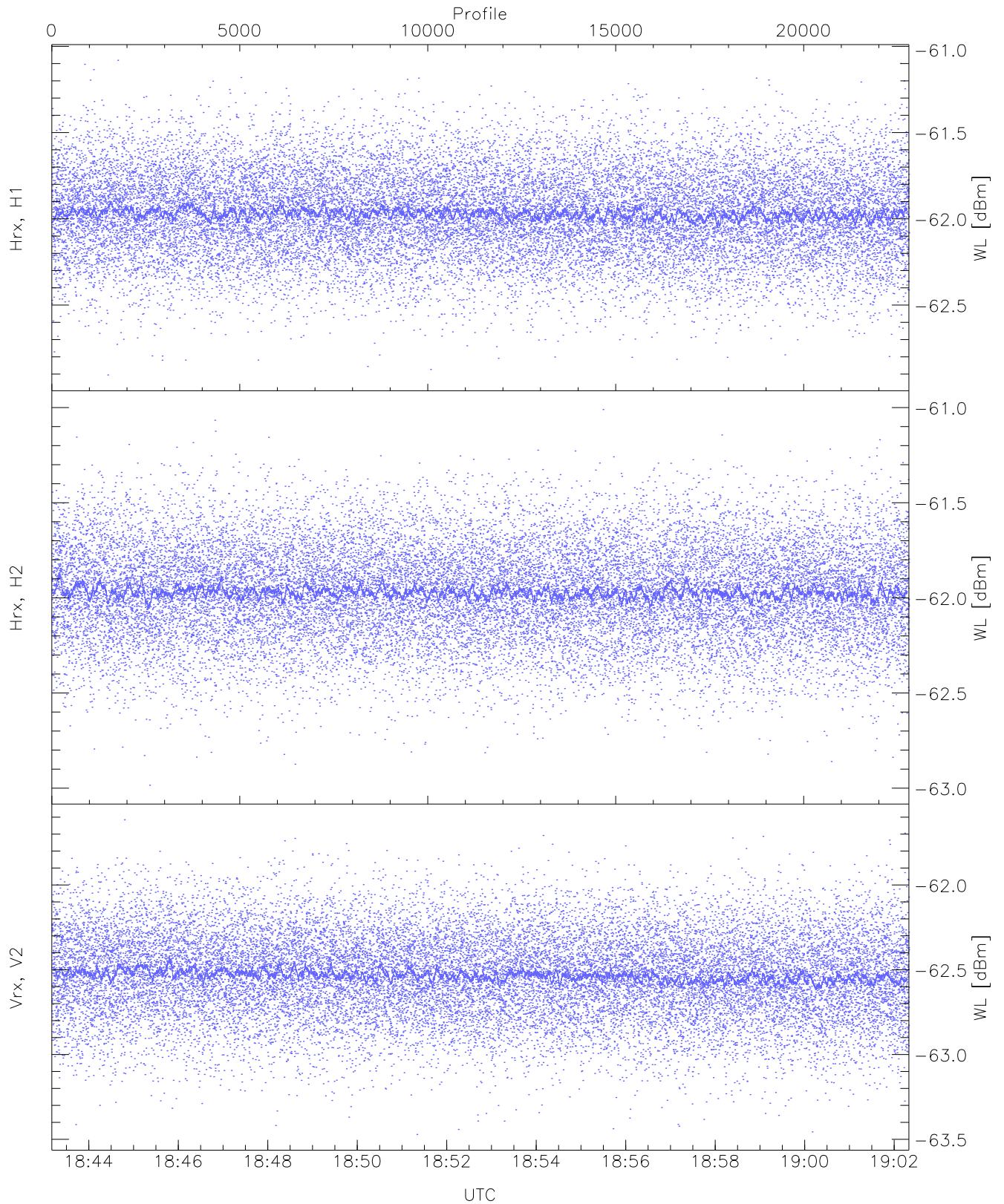
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,16,23,22,21  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,25,28  
 LOalarm(20,80,240,2.8,14.8 MHz): 10,0,0,0,0  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,20)



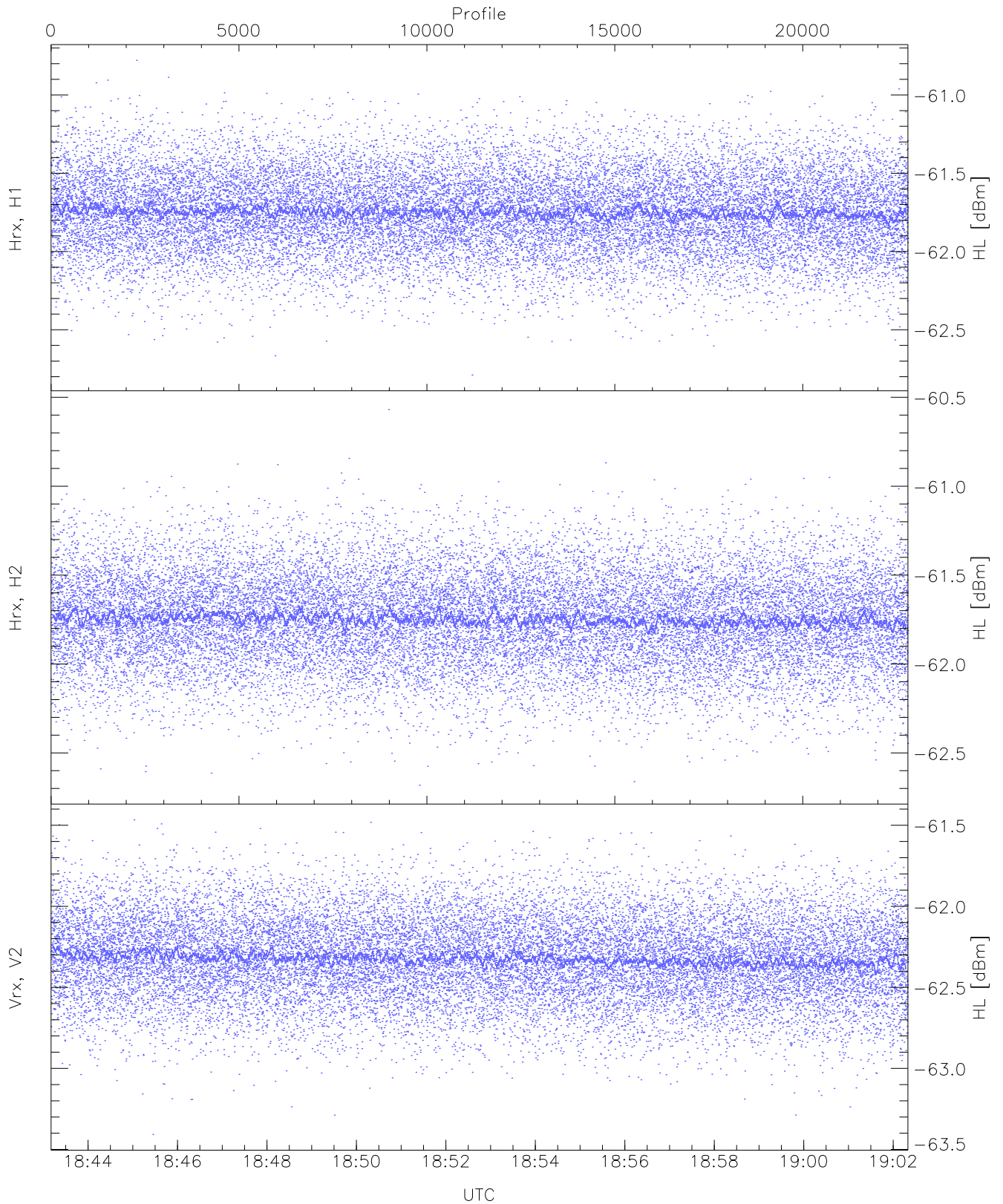
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 393 pixs, 17 gates, 393 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

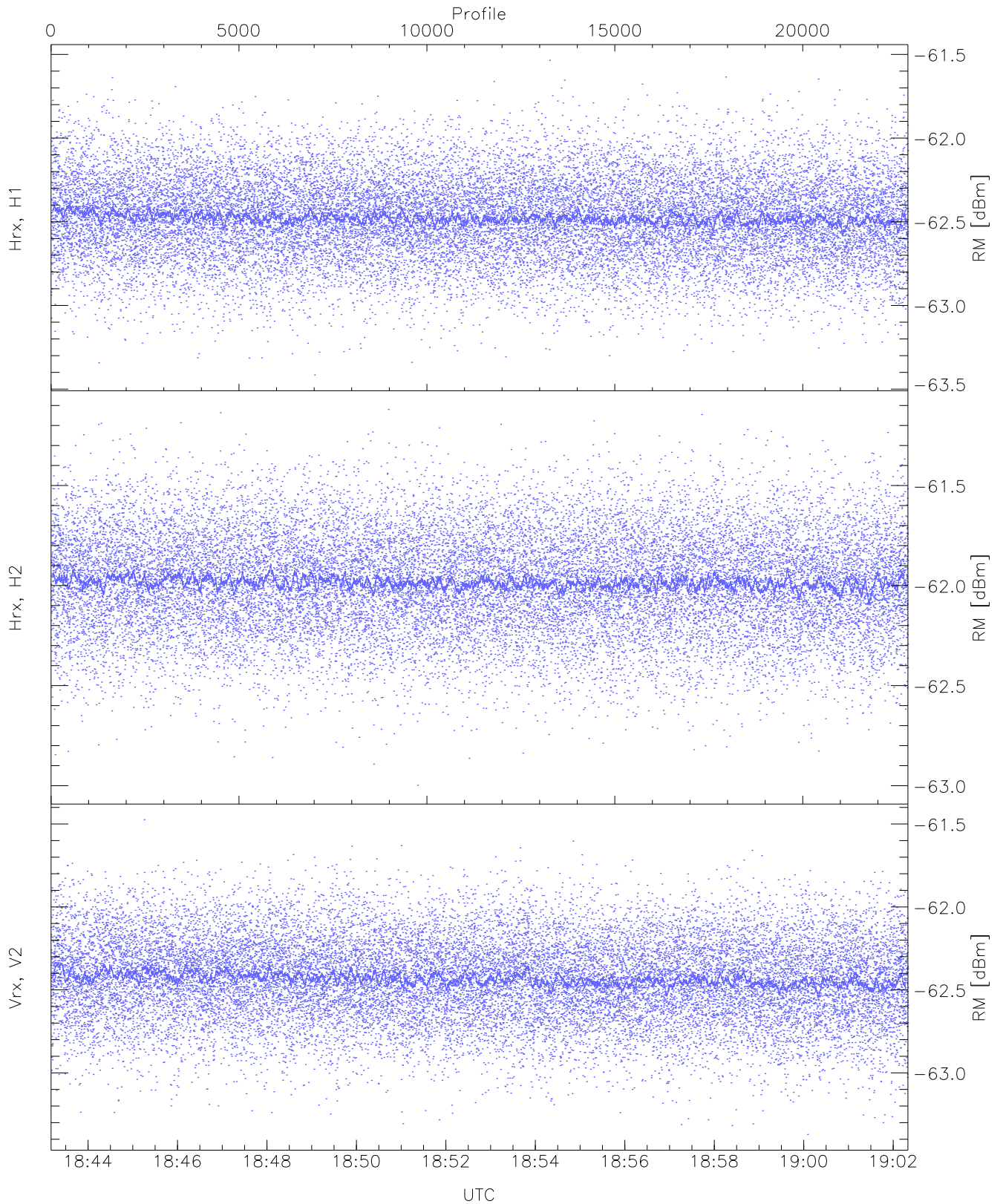
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.91	-61.08	-61.97	-61.97	-74.54
Hrx, H2 (WL [dBm])	-62.98	-61.01	-61.97	-61.97	-74.53
Vrx, V2 (WL [dBm])	-63.47	-61.62	-62.53	-62.53	-75.08



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

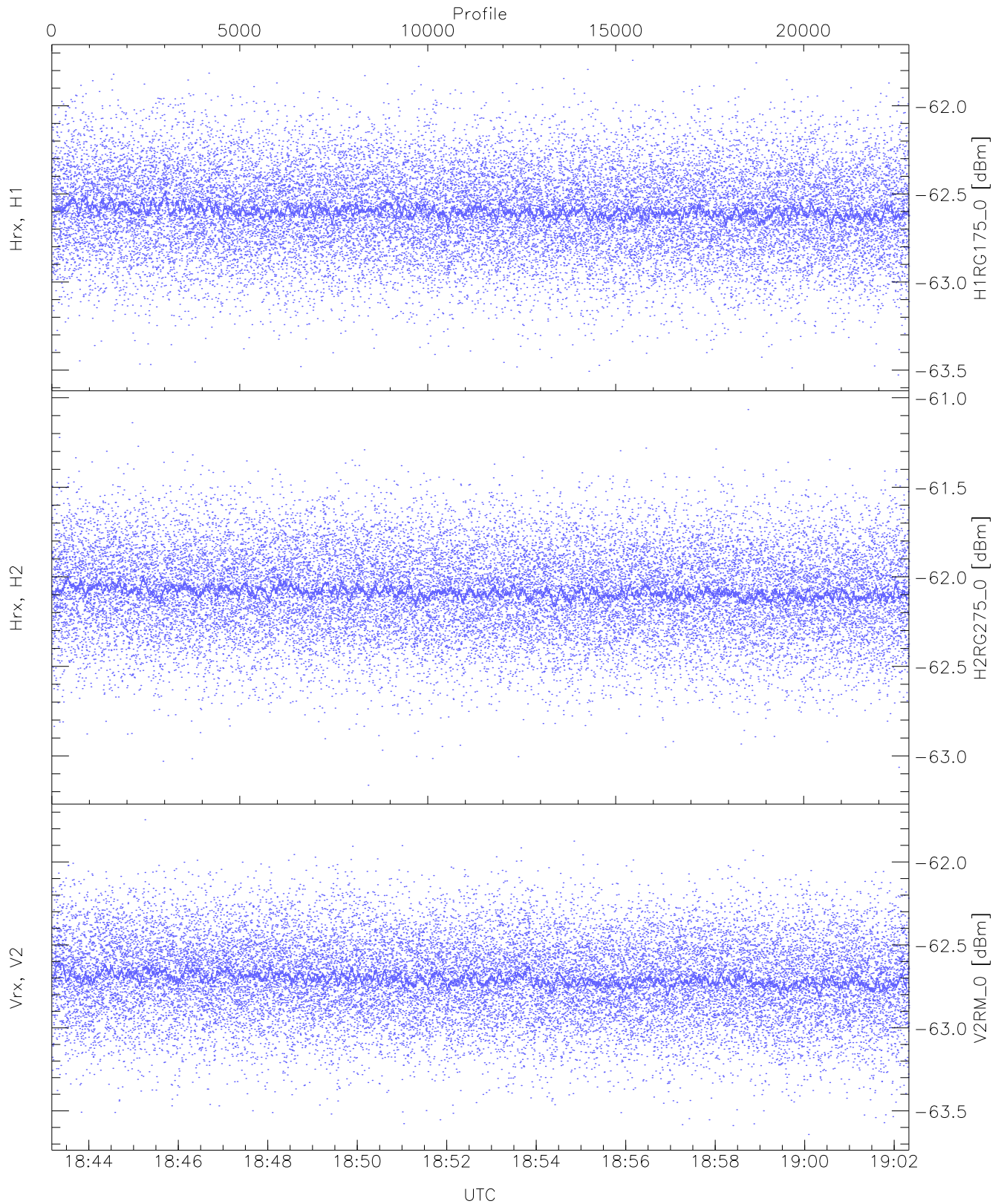
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.79	-60.78	-61.75	-61.75	-74.33
Hrx, H2 (HL [dBm])	-62.68	-60.57	-61.75	-61.75	-74.29
Vrx, V2 (HL [dBm])	-63.41	-61.47	-62.32	-62.33	-74.86





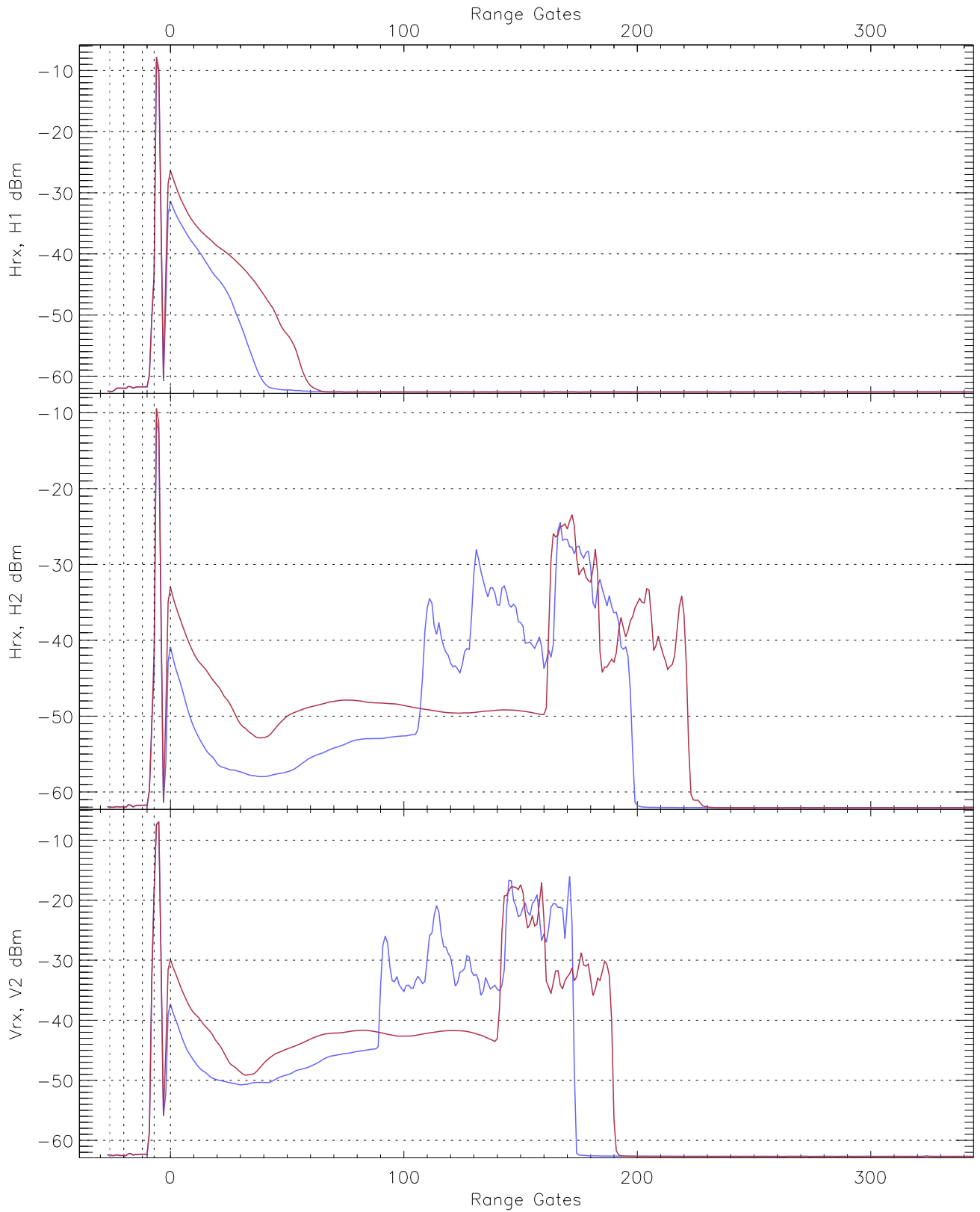
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.42	-61.54	-62.47	-62.48	-75.03
Hrx, H2 (RM [dBm])	-63.00	-61.12	-61.98	-61.99	-74.55
Vrx, V2 (RM [dBm])	-63.37	-61.47	-62.43	-62.43	-74.97



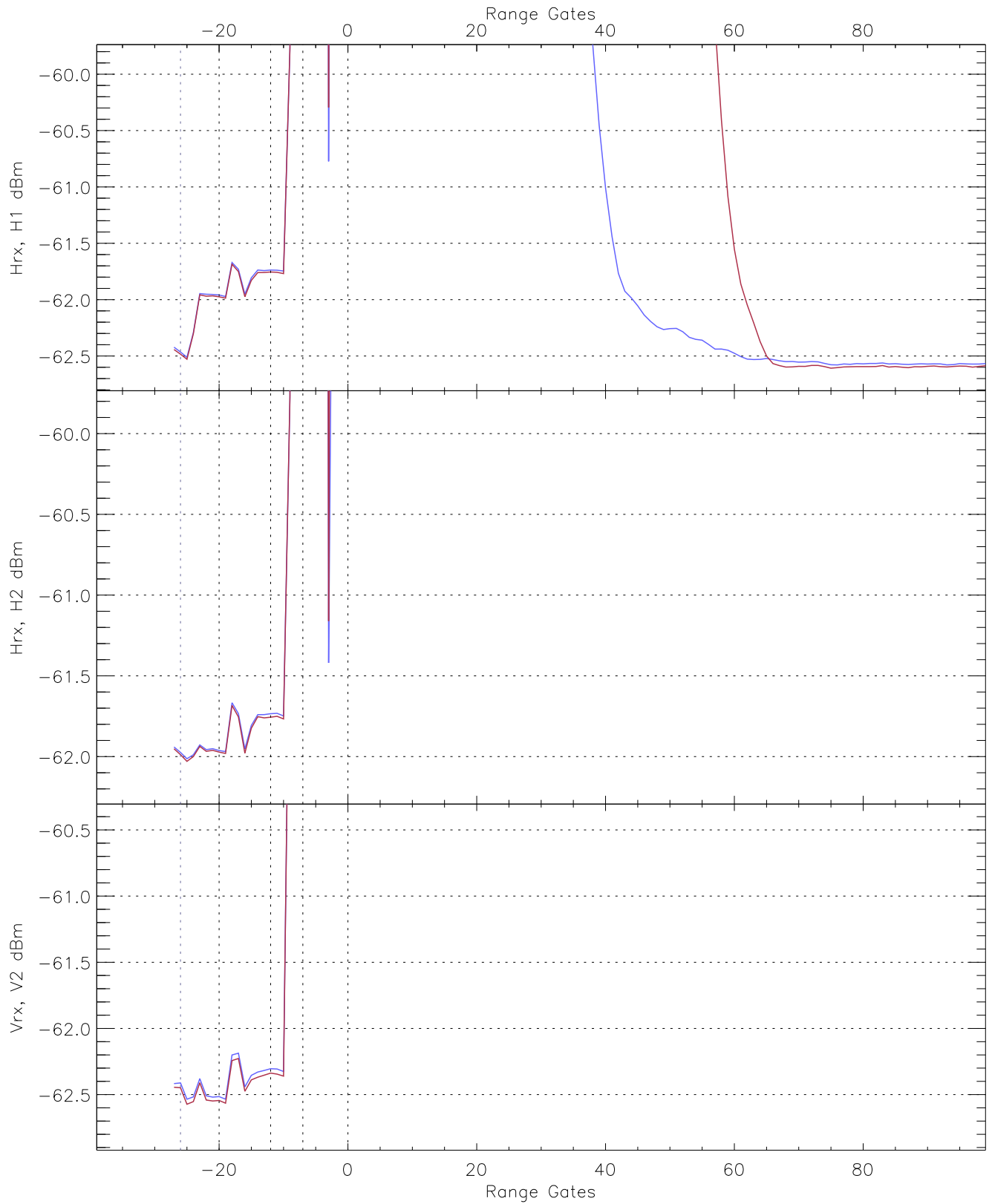
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.53	-61.74	-62.59	-62.60	-75.16
H2RG275_0 [dBm]	-63.16	-61.07	-62.08	-62.09	-74.66
V2RM_0 [dBm]	-63.64	-61.75	-62.70	-62.70	-75.24

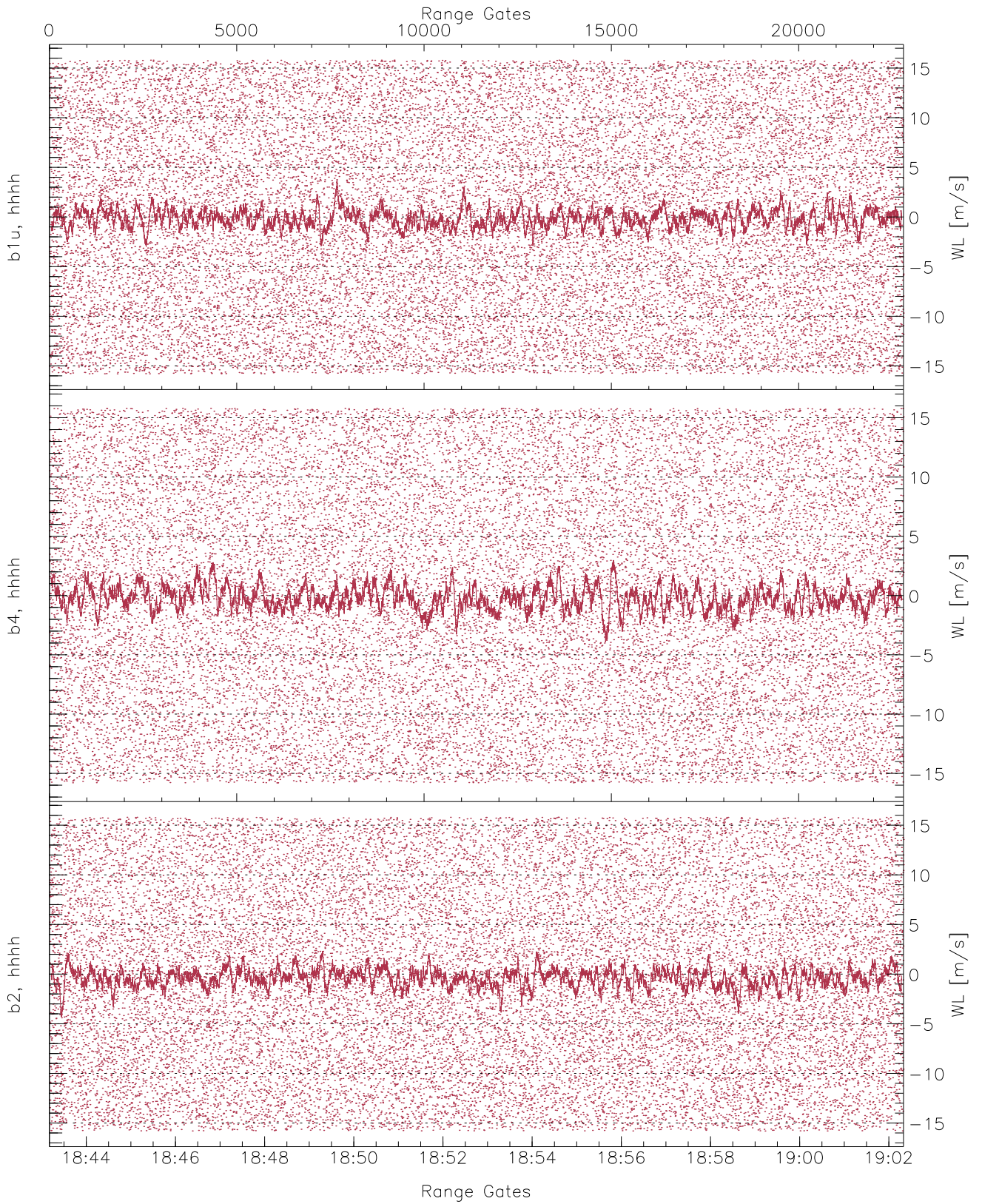


WCR2 CPP Averaged Received power for all recorded gates  
blue: 184310-185245, 11401 profiles averaged  
red: 185245-190220, 11400 profiles averaged

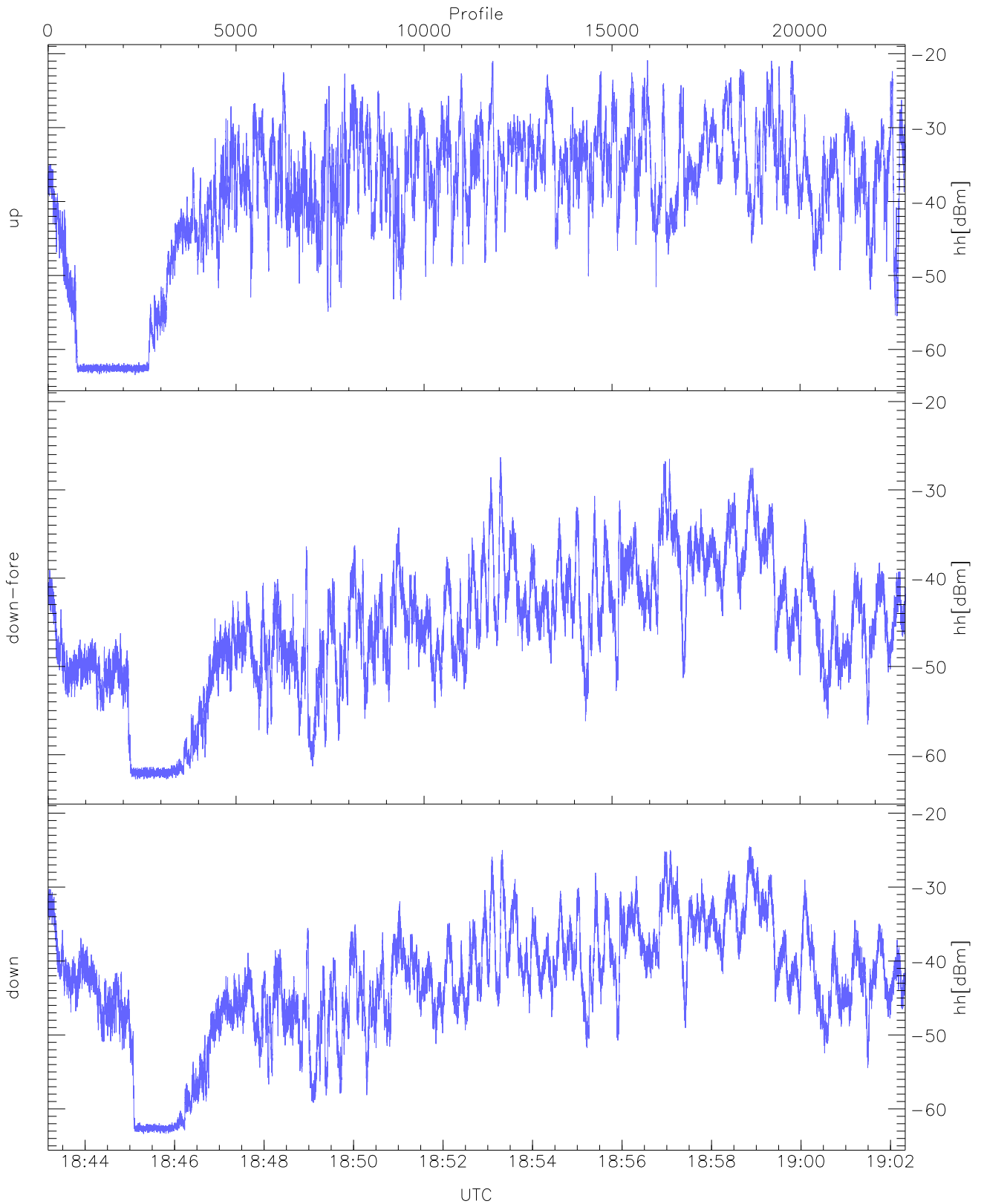




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 184310-185245, 11401 profiles averaged  
red: 185245-190220, 11400 profiles averaged

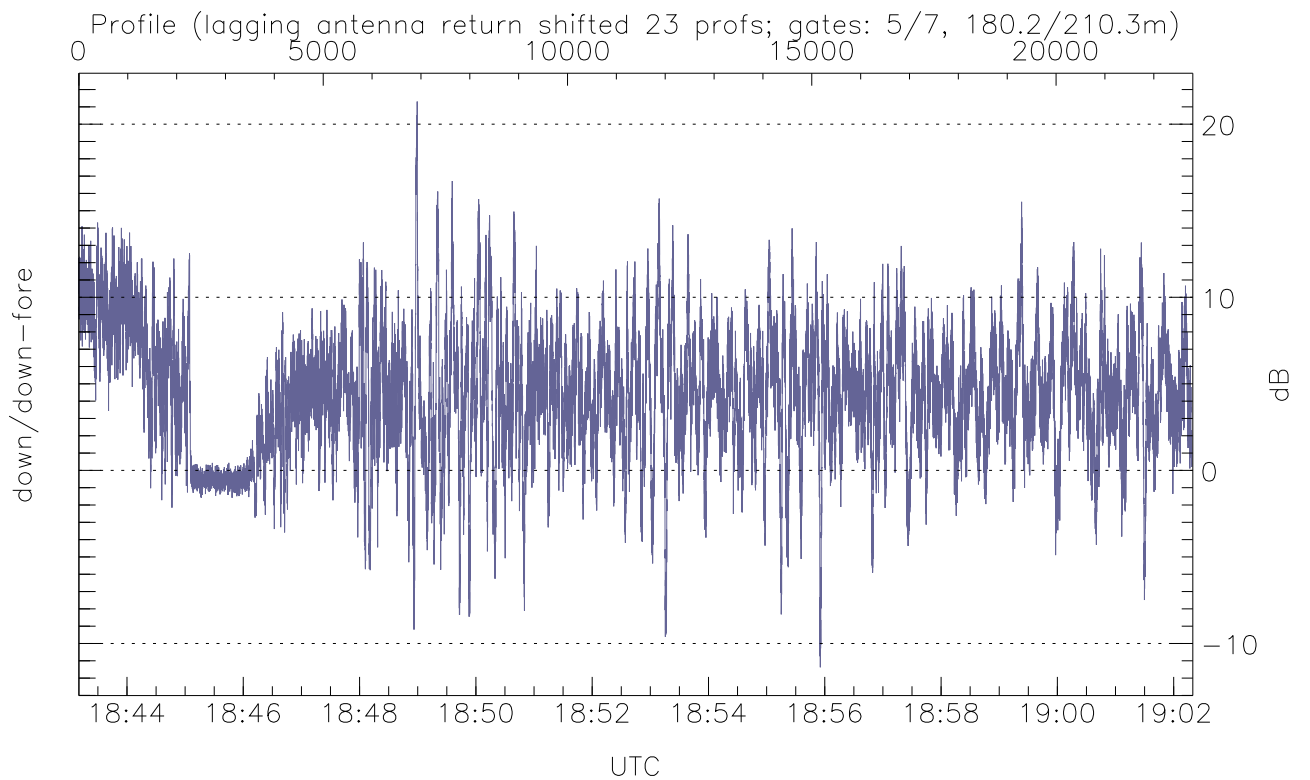
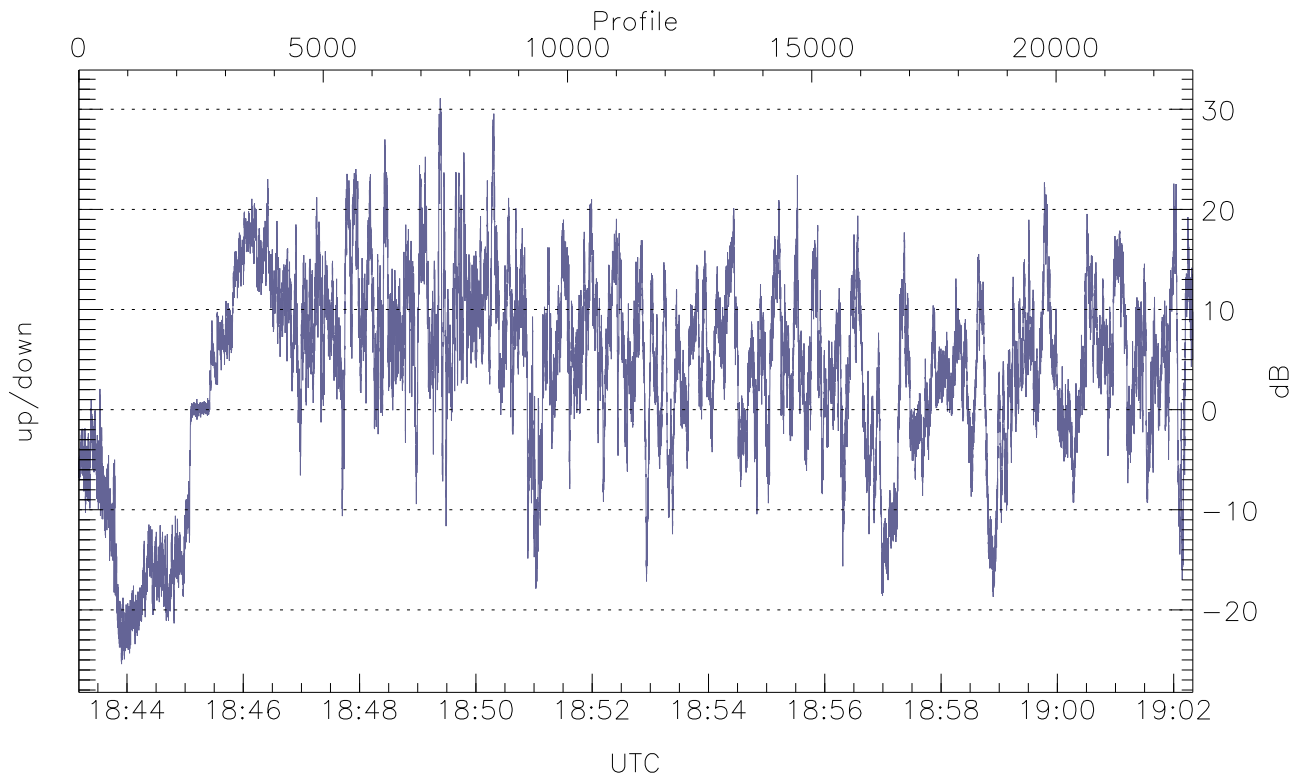


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



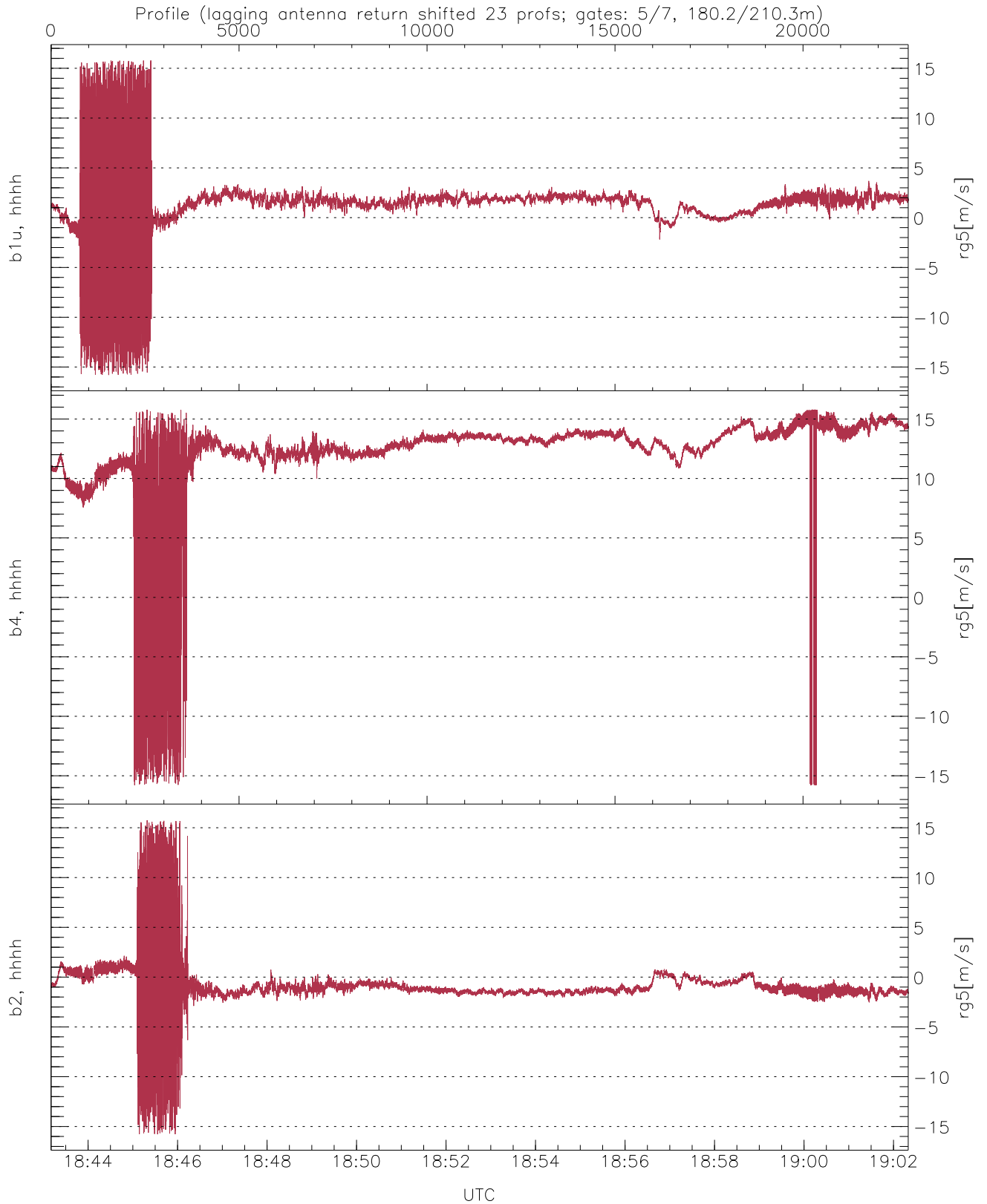
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.46	-20.90	-33.03
down-fore(hh[dBm])	-62.76	-26.30	-40.39
down(hh[dBm])	-63.40	-24.48	-37.40



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

	Min	Max	Mean
up/down (dB)	-25.41	31.10	3.88
down/down-fore (dB)	-11.38	21.31	4.38



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	1.32	2.77
b4, hhhh(rg5[m/s])	-15.80	15.80	12.20	3.84
b2, hhhh(rg5[m/s])	-15.78	15.75	-0.92	2.09