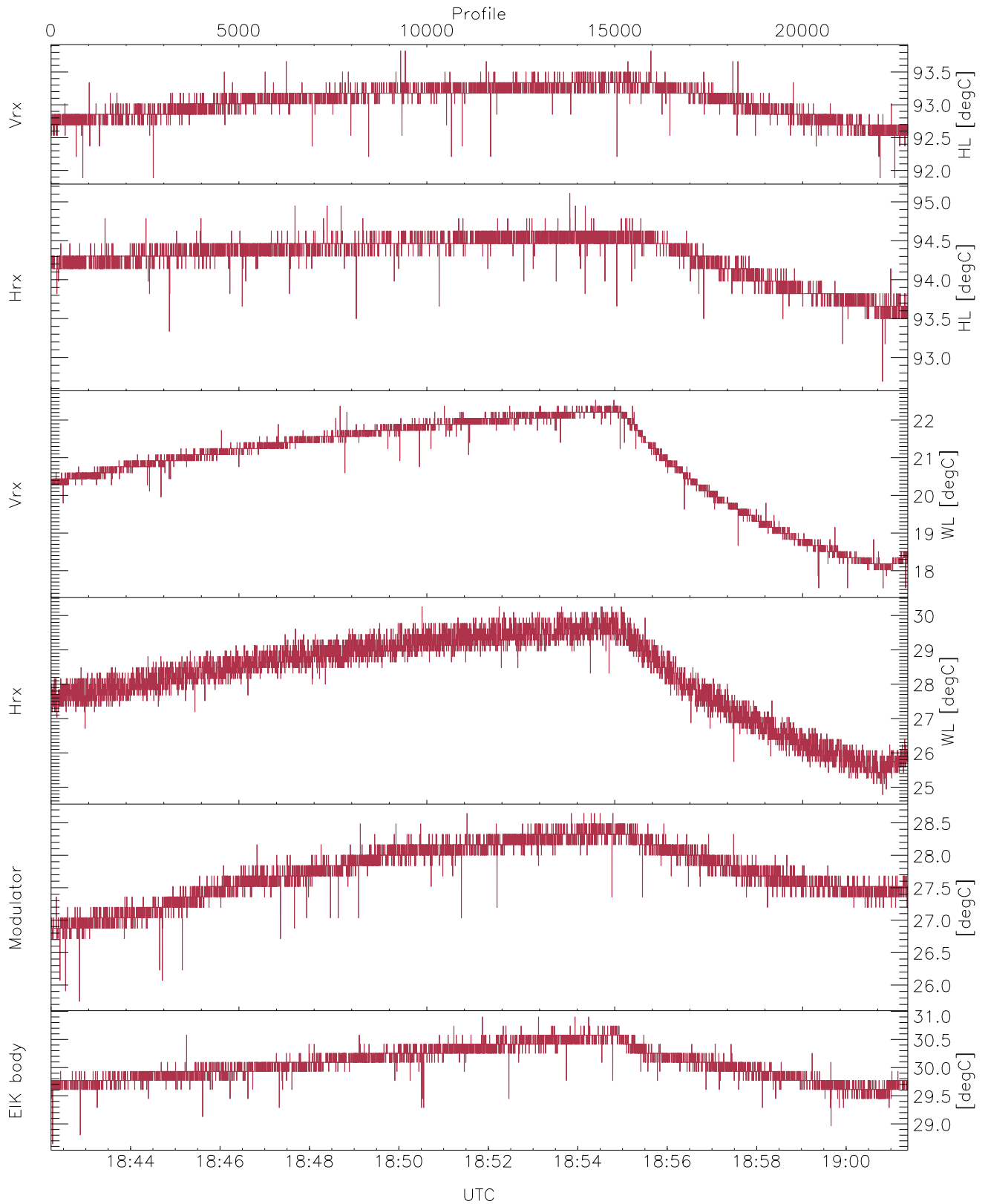


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

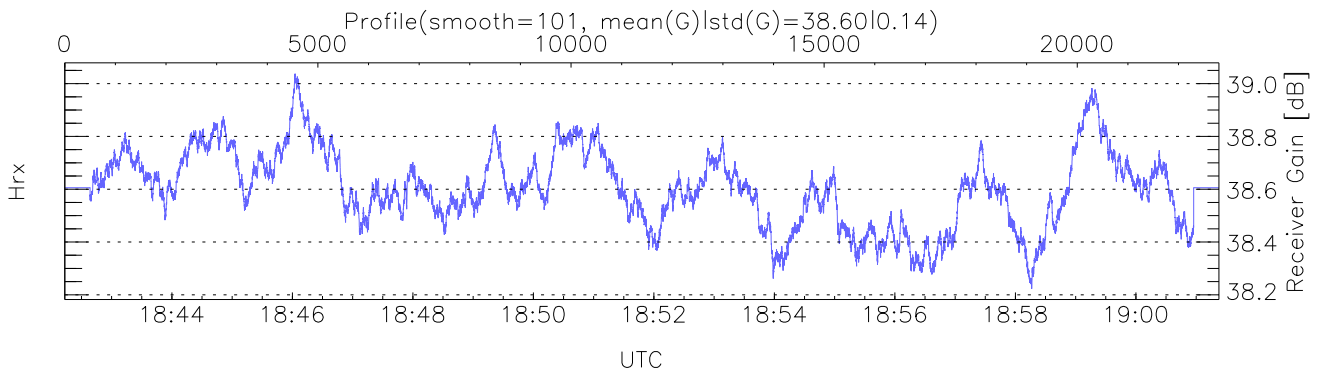
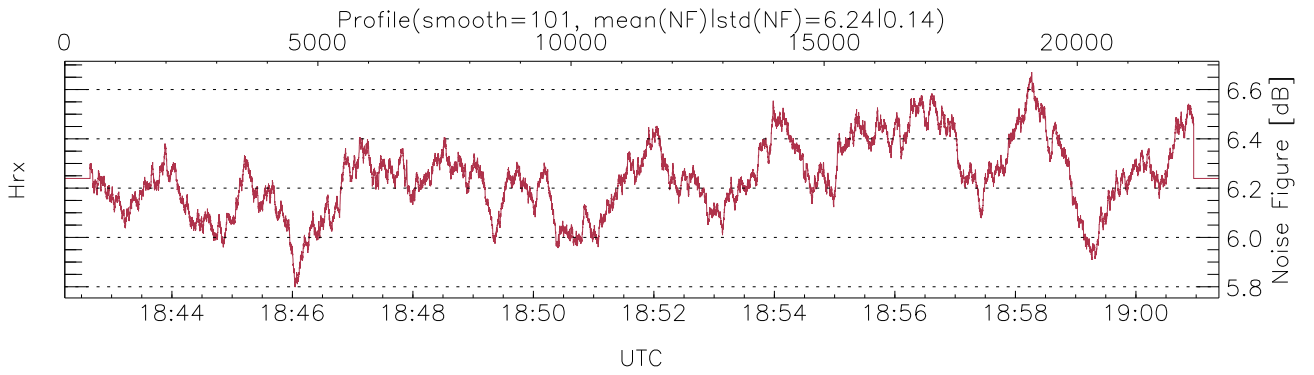
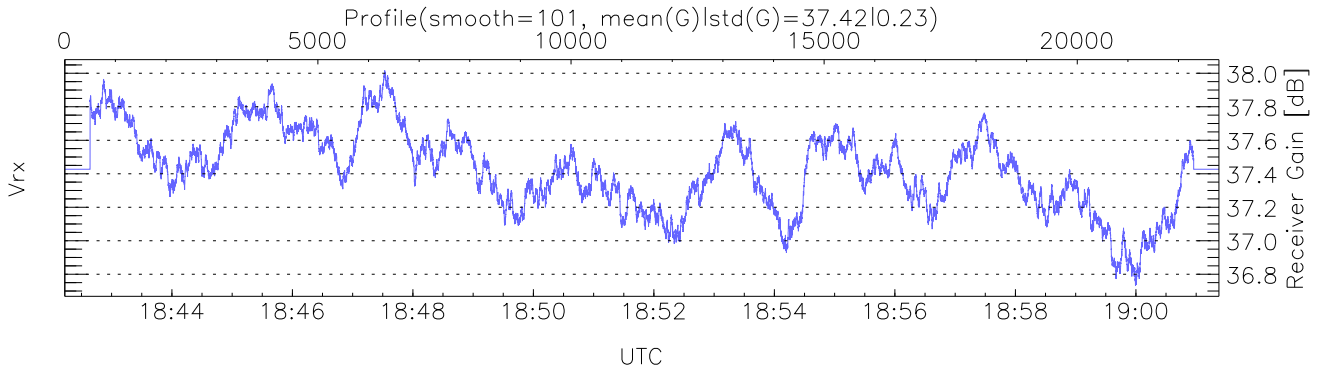
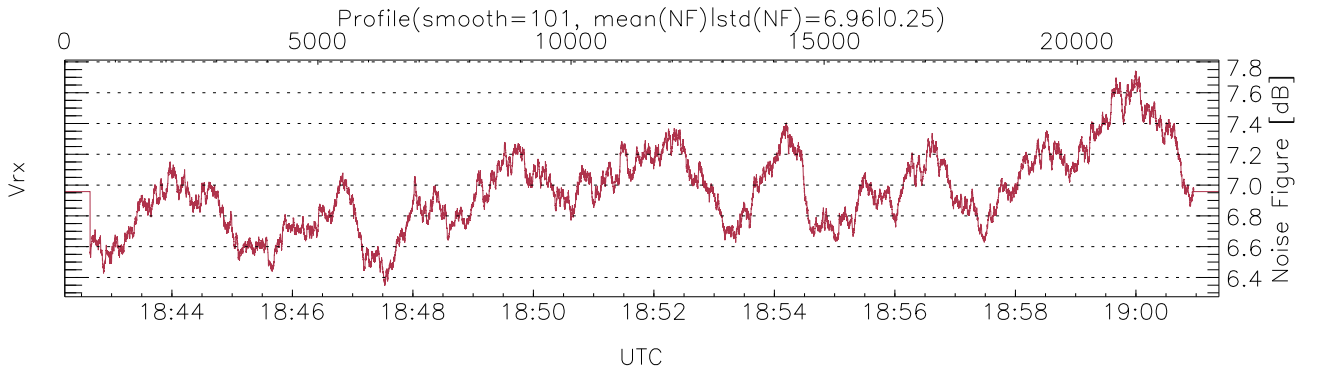
UTC: 18:42:13-19:10:39, Dur: 1706.06s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 22800/33843, 0-22799/18:42:13-19:01:23  
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168  
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 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

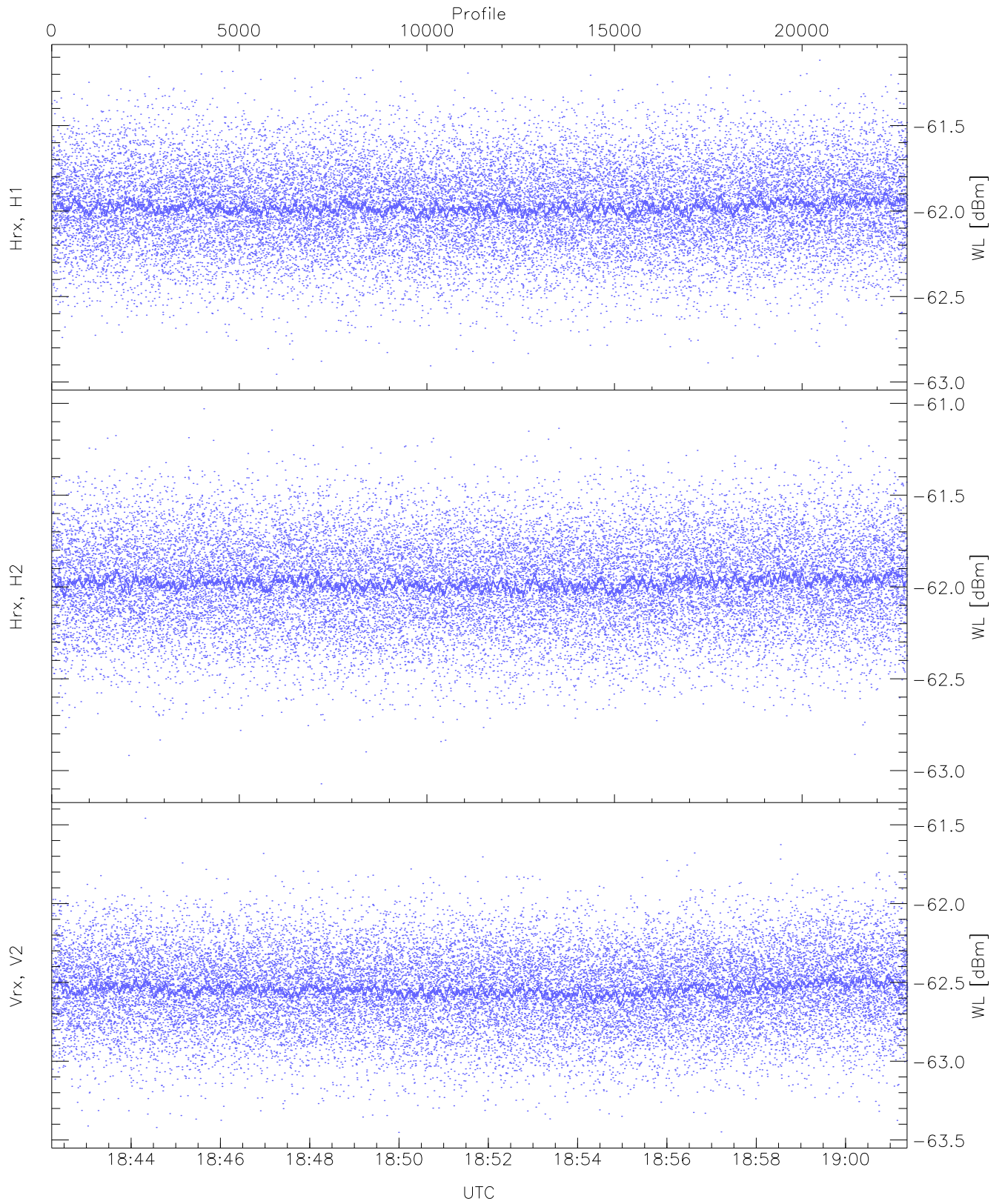
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,25,28  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,28,30  
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS (21,21,21,5,21,21,11)



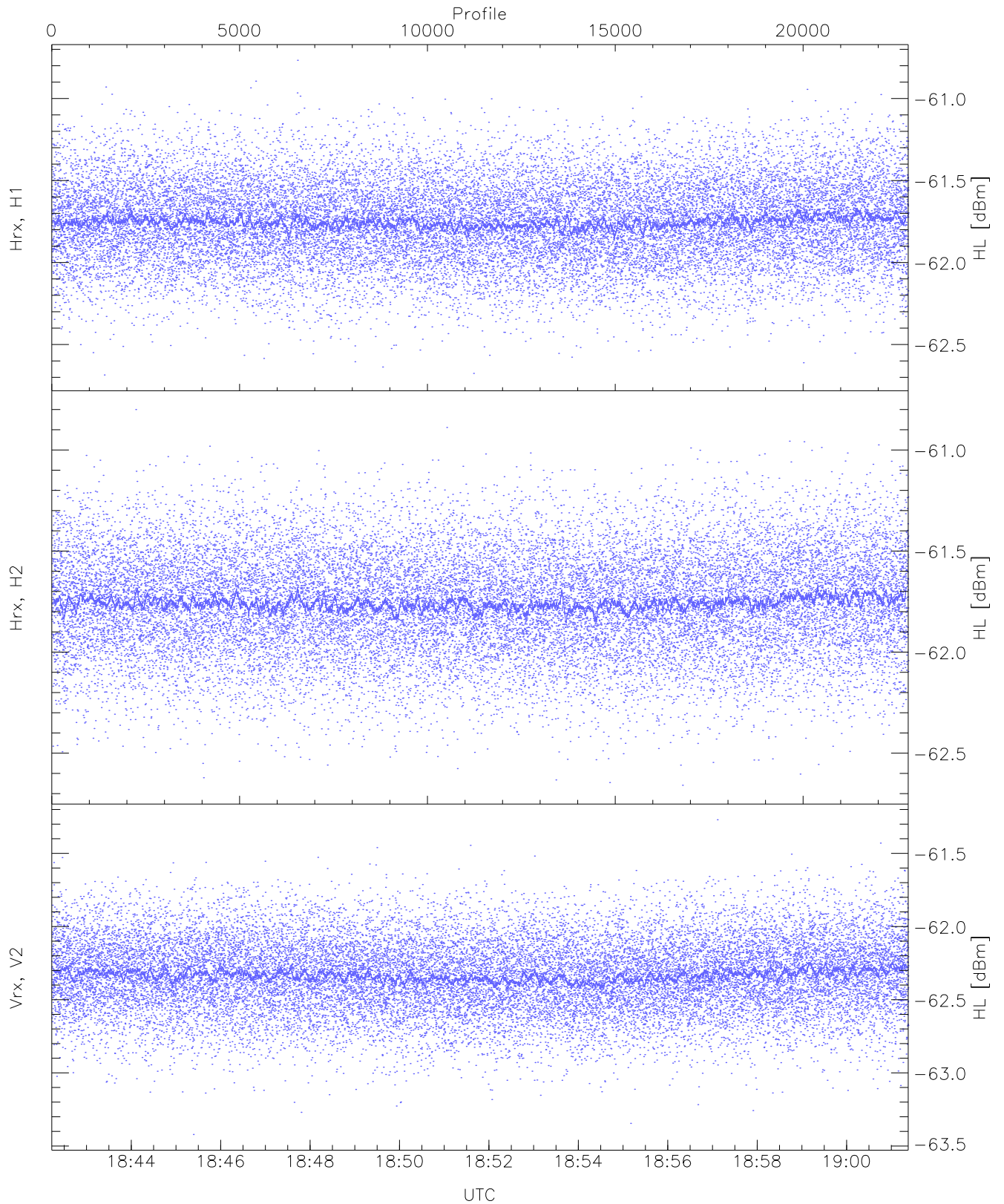
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 20364 pixs, 37 gates, 18571 profs, 2 prods



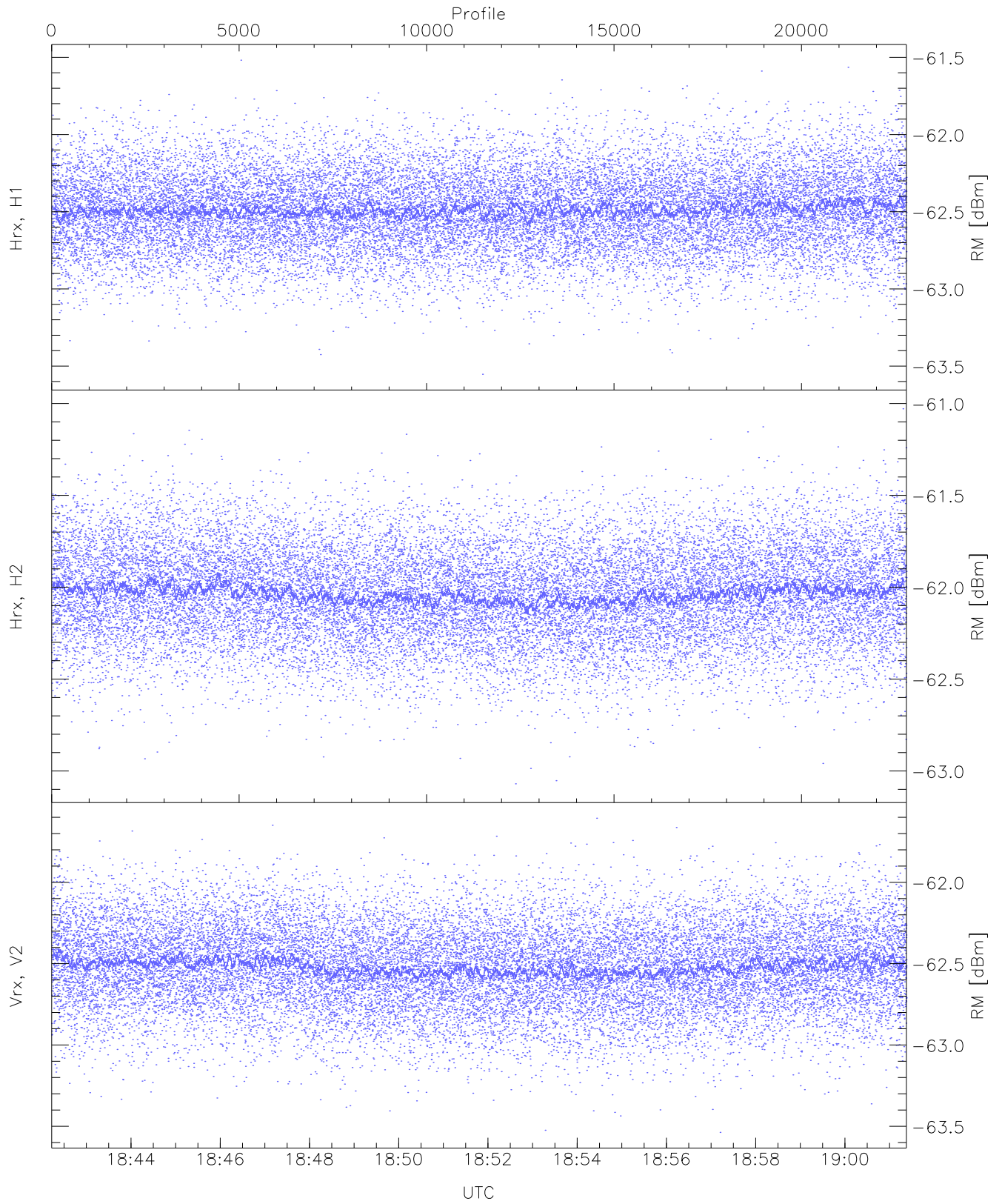
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.95	-61.12	-61.97	-61.97	-74.54
Hrx, H2(WL [dBm])	-63.07	-61.03	-61.97	-61.98	-74.55
Vrx, V2(WL [dBm])	-63.45	-61.46	-62.54	-62.54	-75.10



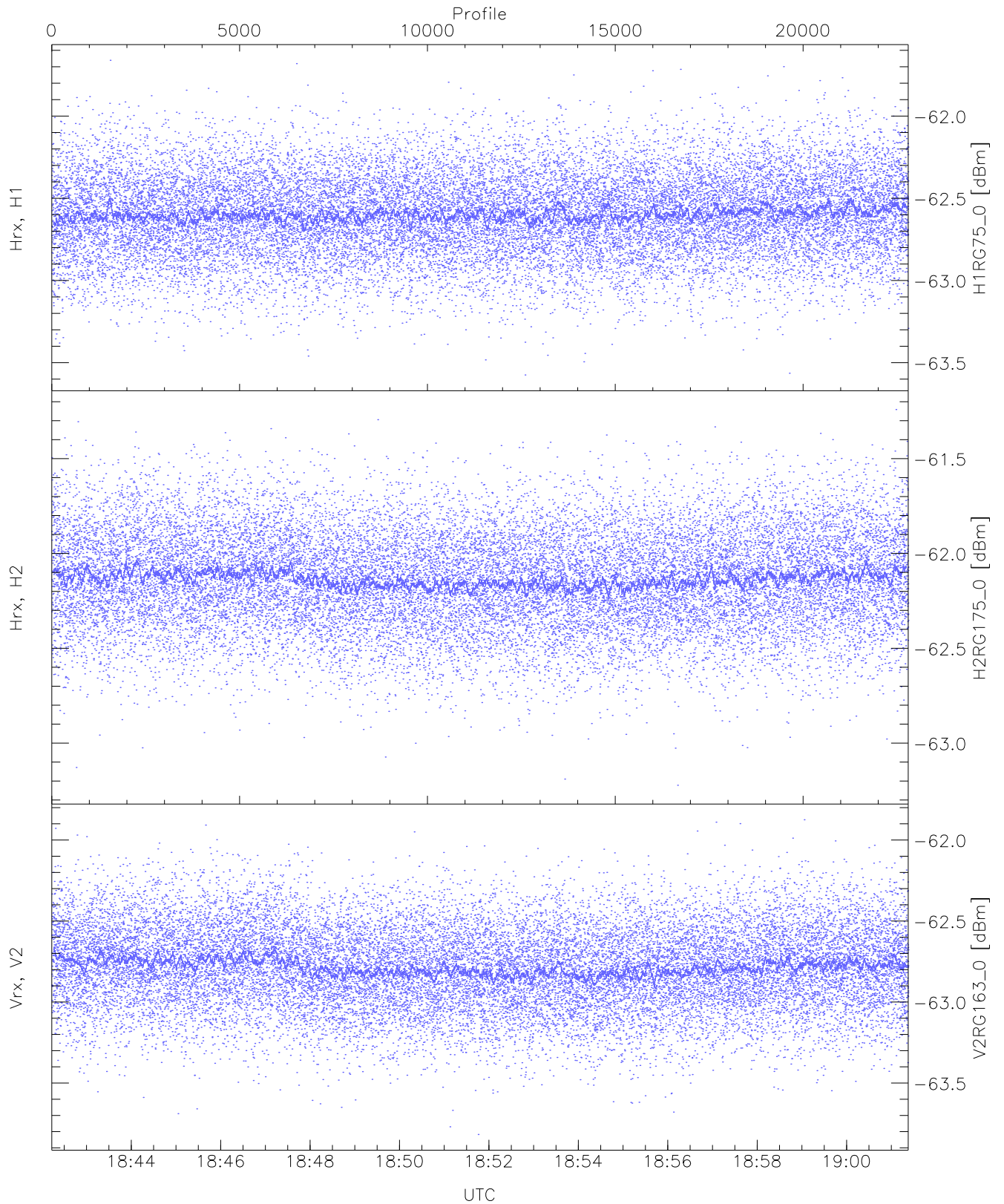
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.69	-60.77	-61.75	-61.76	-74.34
Hrx, H2 (HL [dBm])	-62.66	-60.80	-61.75	-61.76	-74.34
Vrx, V2 (HL [dBm])	-63.42	-61.27	-62.33	-62.33	-74.85



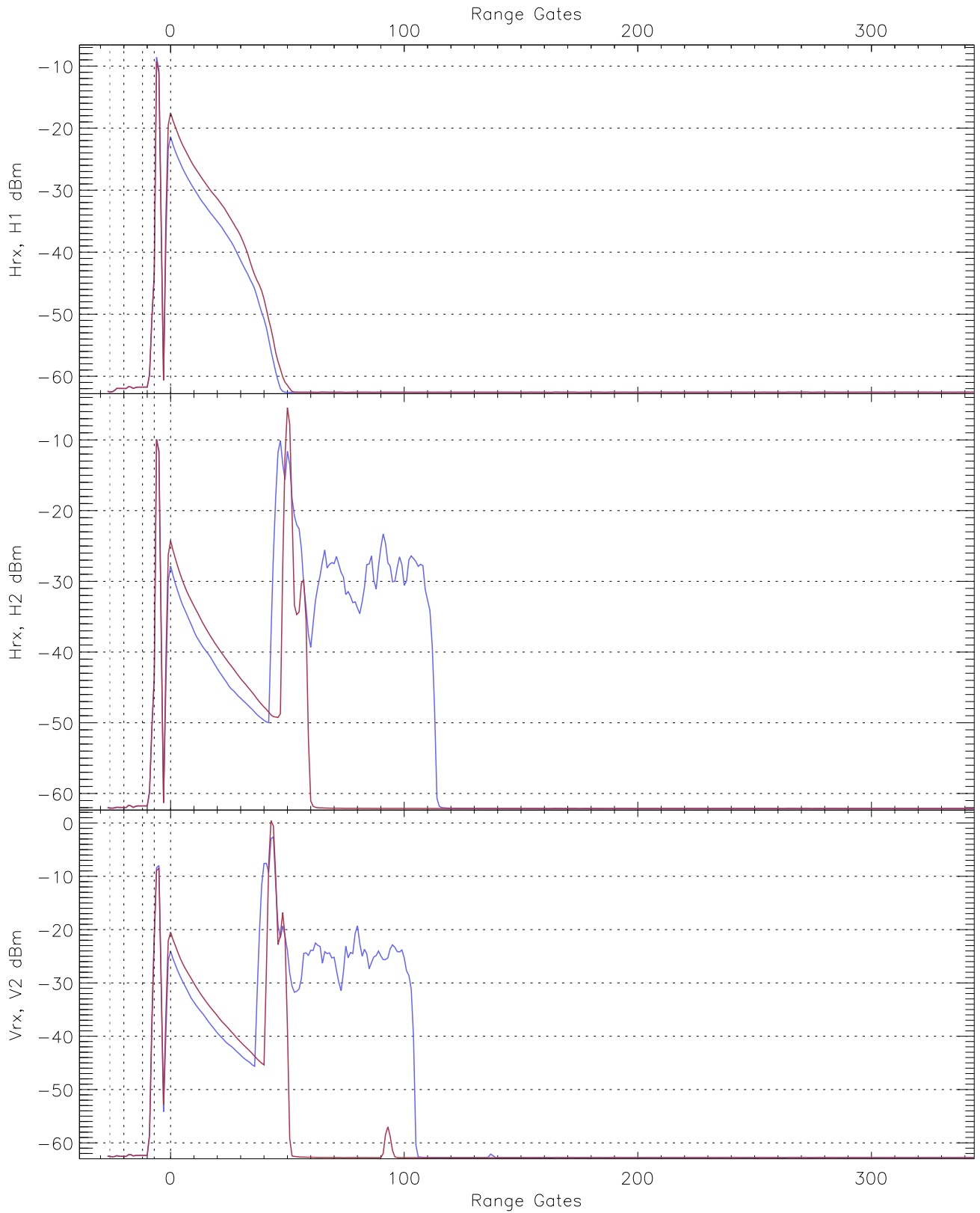
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.55	-61.52	-62.49	-62.49	-75.07
Hrx, H2 (RM [dBm])	-63.07	-61.03	-62.03	-62.04	-74.59
Vrx, V2 (RM [dBm])	-63.54	-61.61	-62.52	-62.52	-75.03



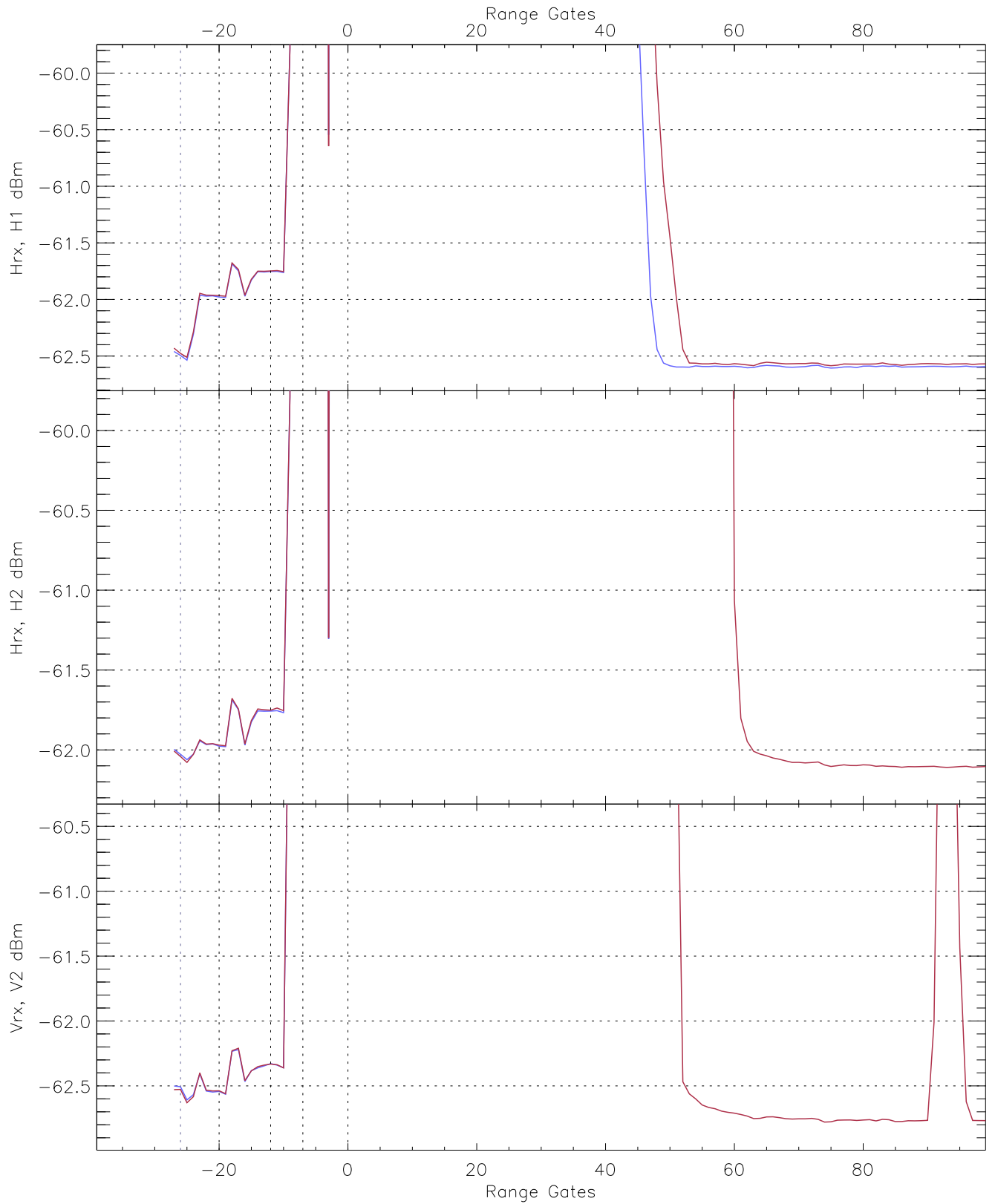
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.57	-61.66	-62.60	-62.60	-75.17
H2RG175_0 [dBm]	-63.22	-61.24	-62.13	-62.14	-74.66
V2RG163_0 [dBm]	-63.82	-61.88	-62.78	-62.79	-75.30

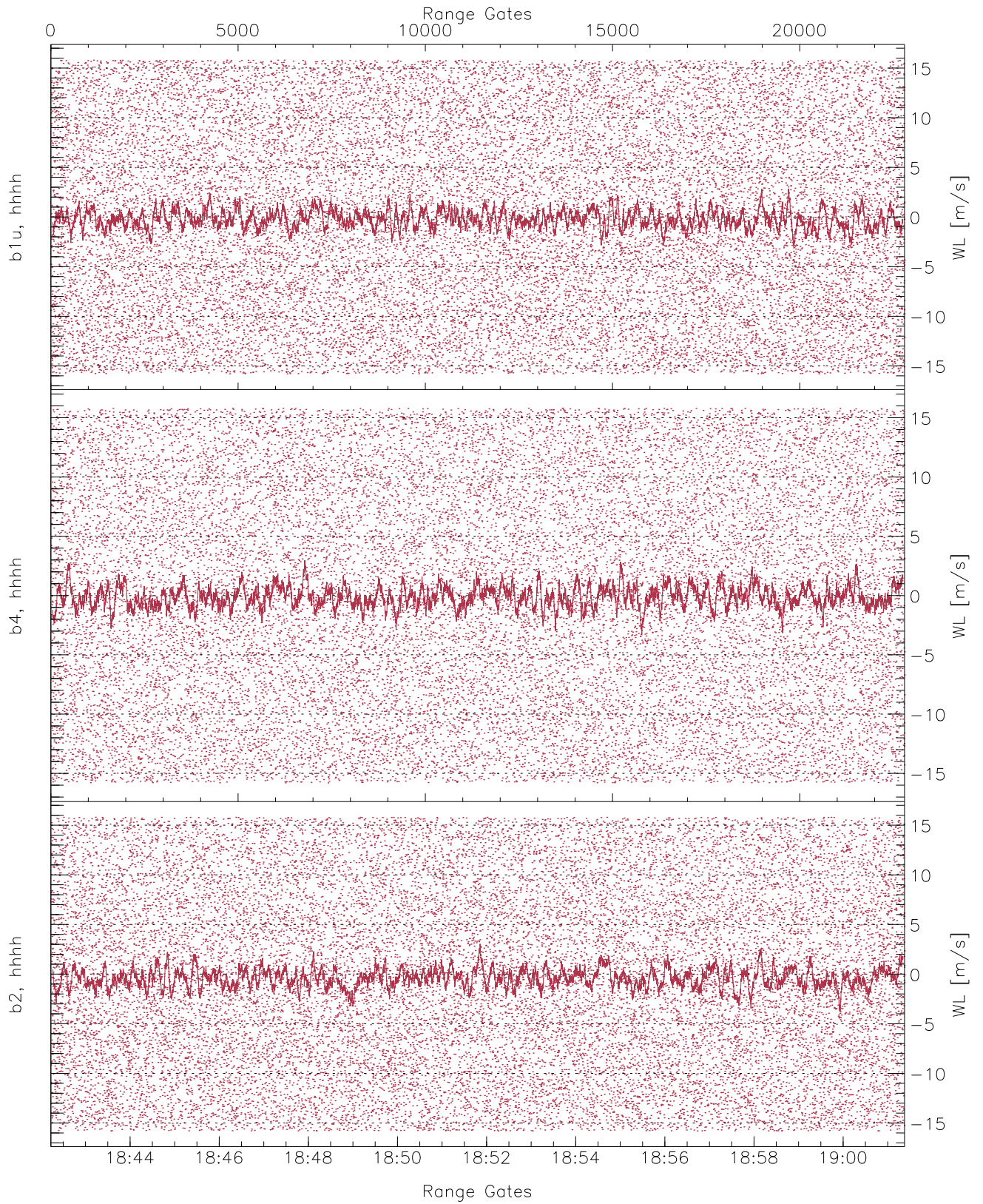


WCR2 CPP Averaged Received power for all recorded gates  
blue: 184213-185148, 11401 profiles averaged  
red: 185148-190123, 11400 profiles averaged

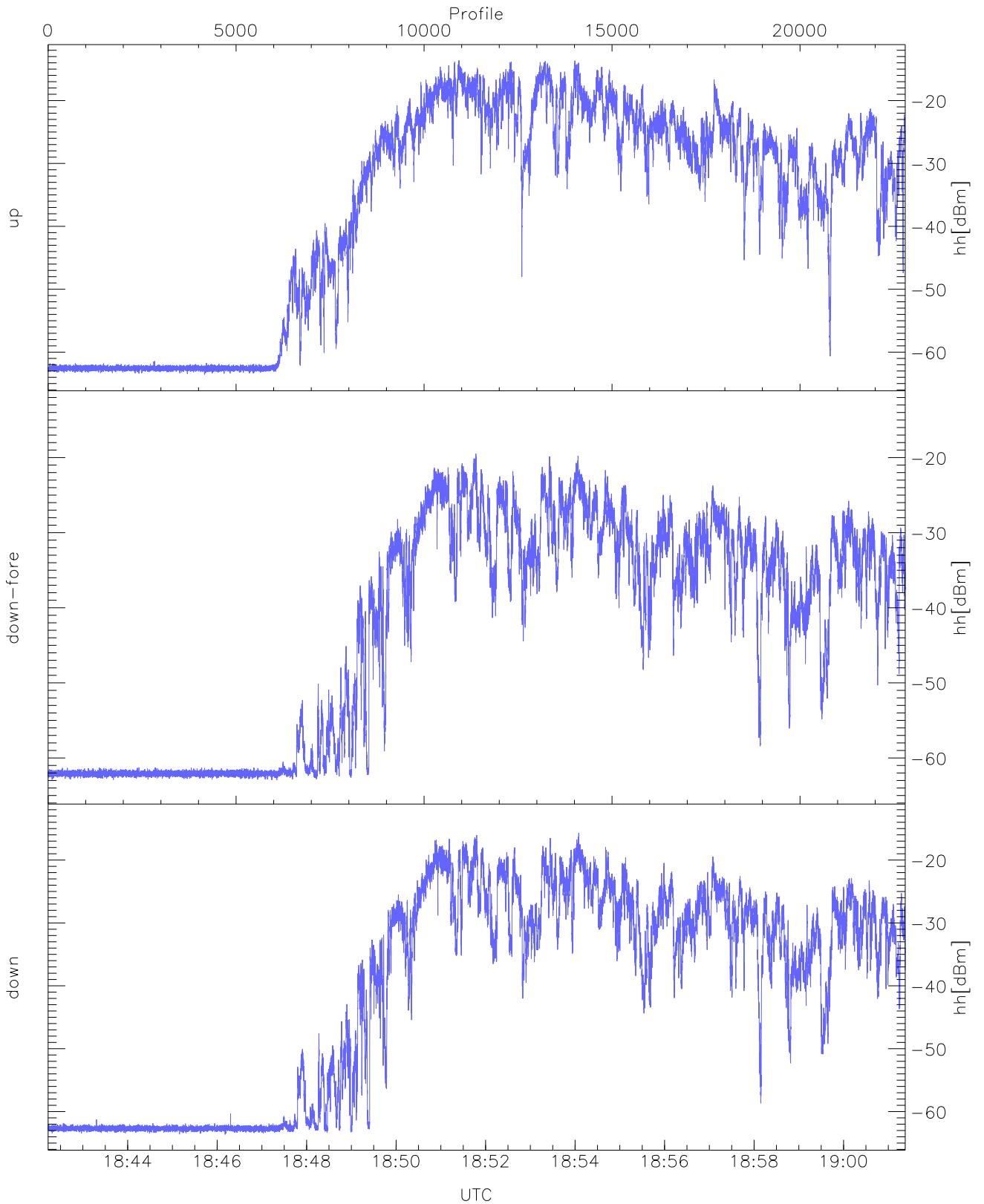




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 184213-185148, 11401 profiles averaged  
red: 185148-190123, 11400 profiles averaged

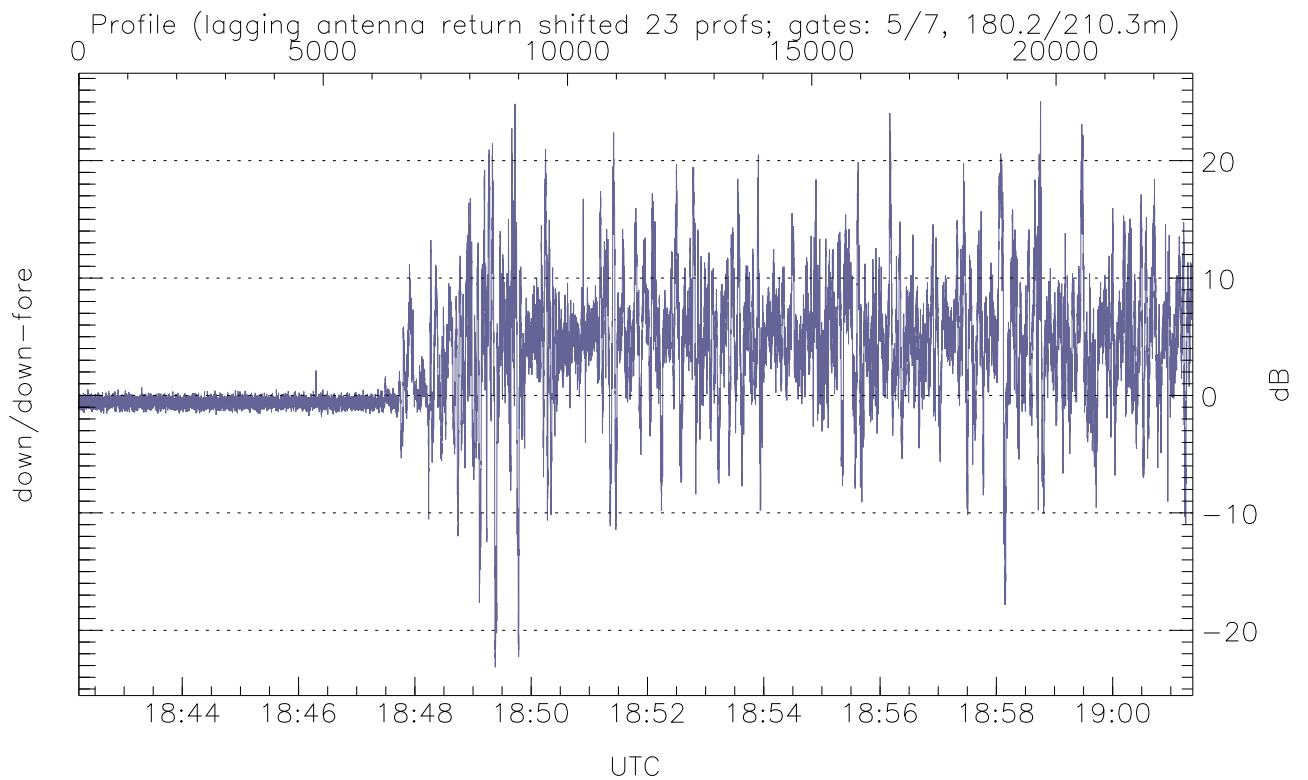
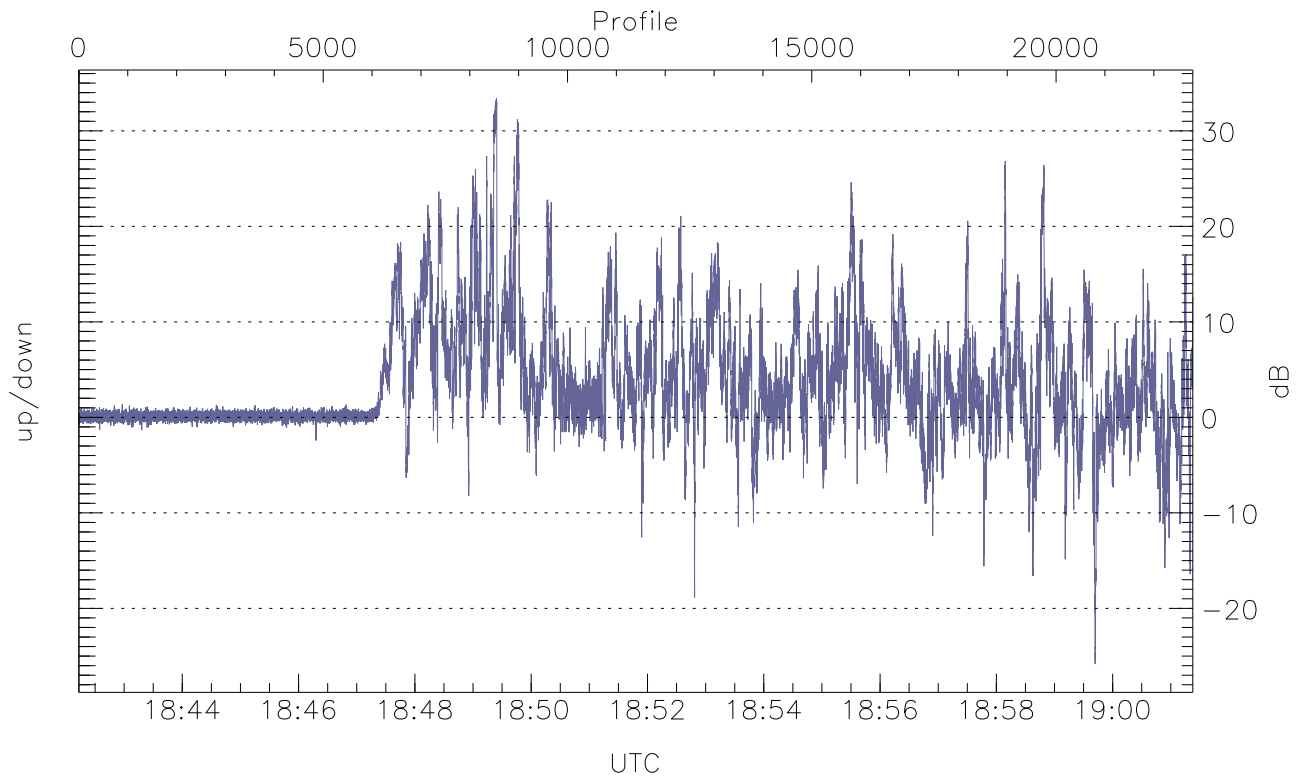


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



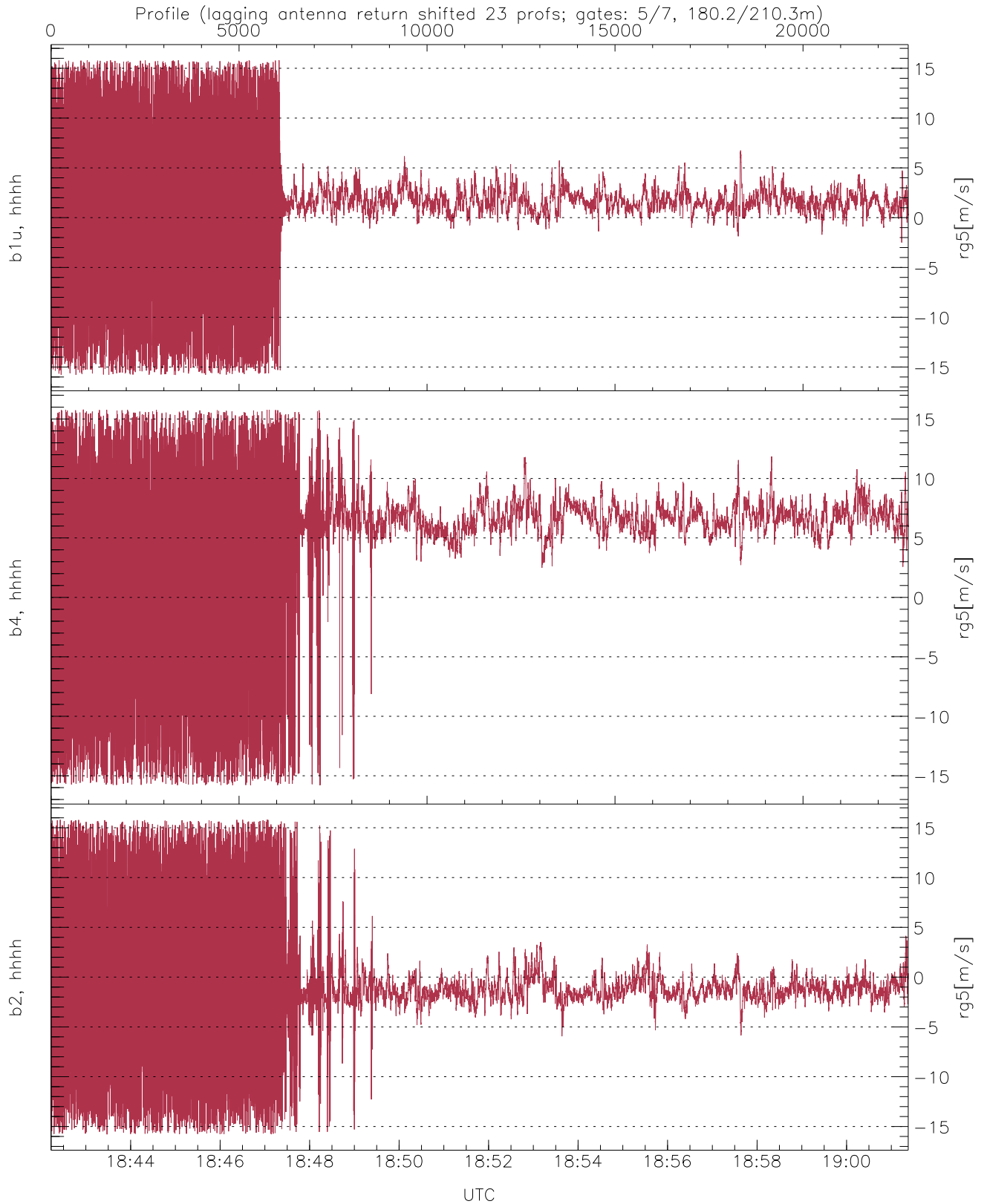
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.55	-13.60	-24.09
down-fore(hh[dBm])	-62.95	-19.50	-31.18
down(hh[dBm])	-63.63	-15.71	-27.57



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

	Min	Max	Mean
up/down (dB)	-25.83	33.41	3.53
down/down-fore (dB)	-23.15	25.04	3.18



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.80	1.22	4.80
b4, hhhh(rg5[m/s])	-15.80	15.79	4.76	5.78
b2, hhhh(rg5[m/s])	-15.79	15.80	-0.99	4.89