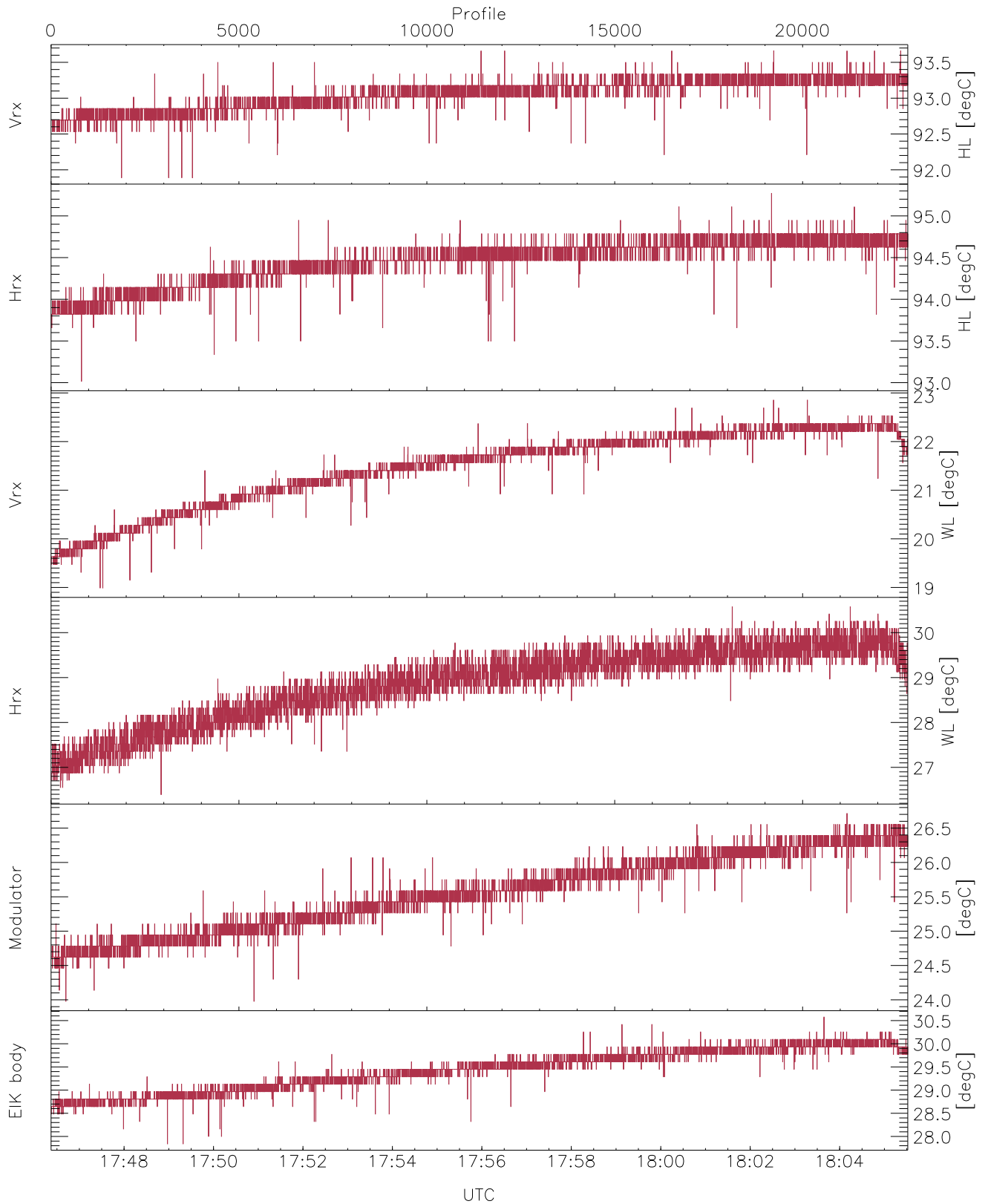


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

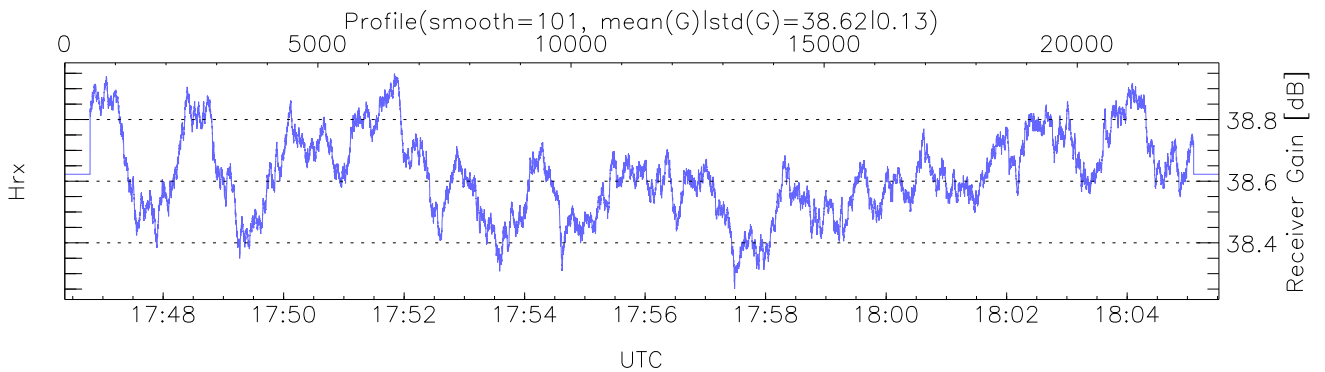
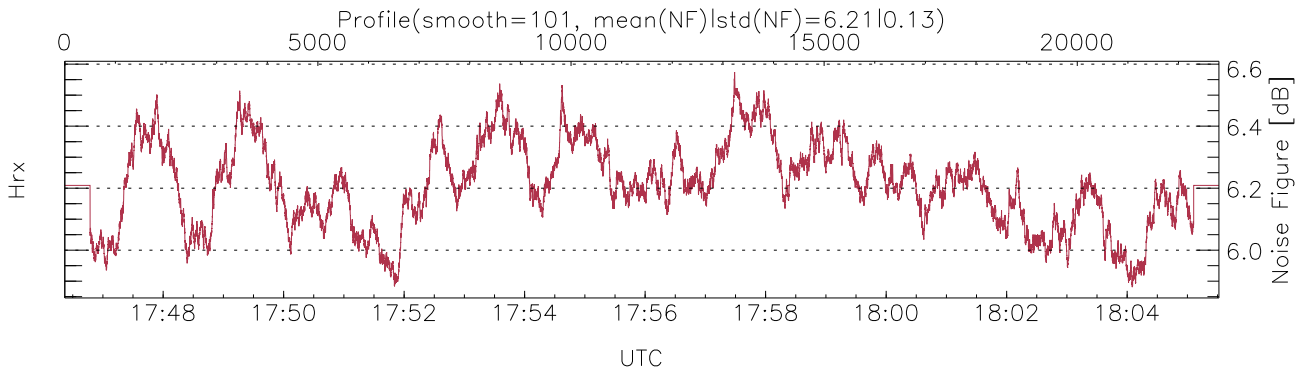
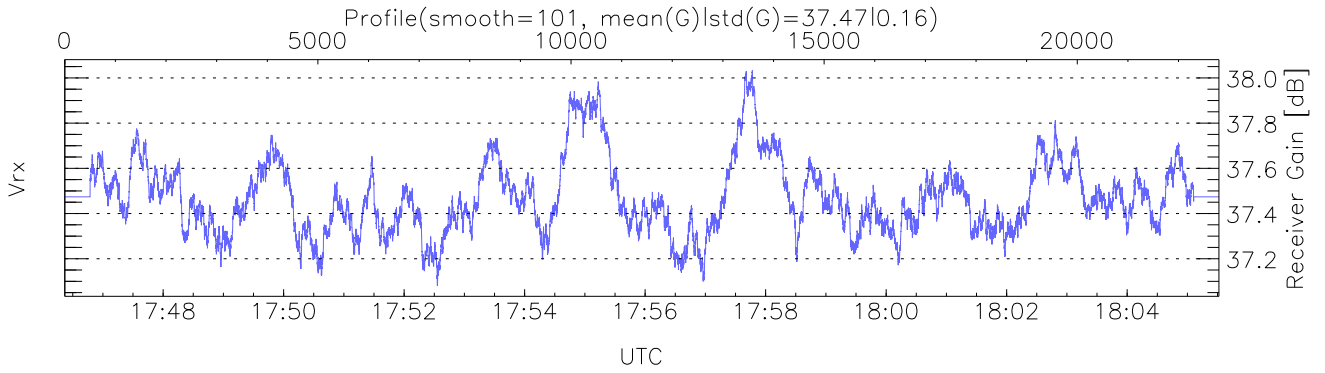
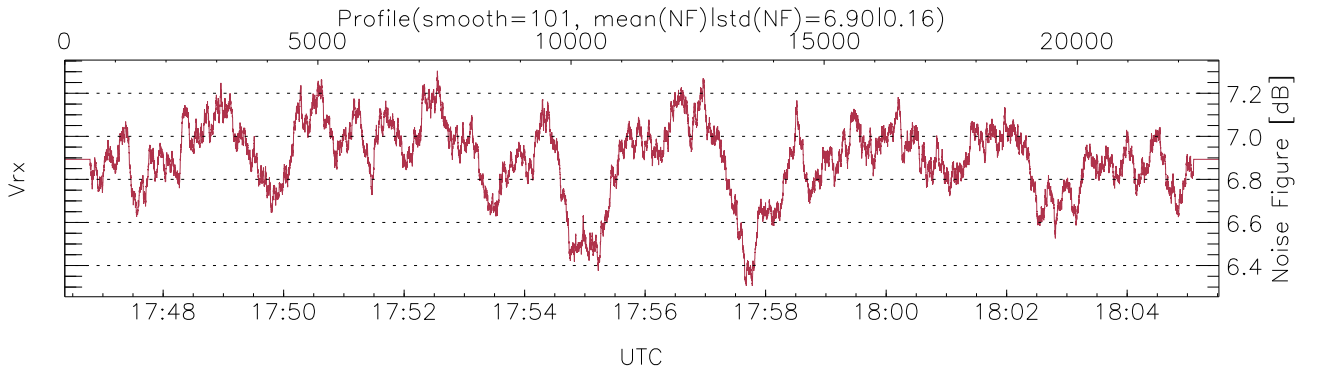
UTC: 17:46:22-18:20:00, Dur: 2017.61s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20  
 NumRec(r/t): 22800/40023, 0-22799/17:46:22-18:05:31  
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168  
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 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

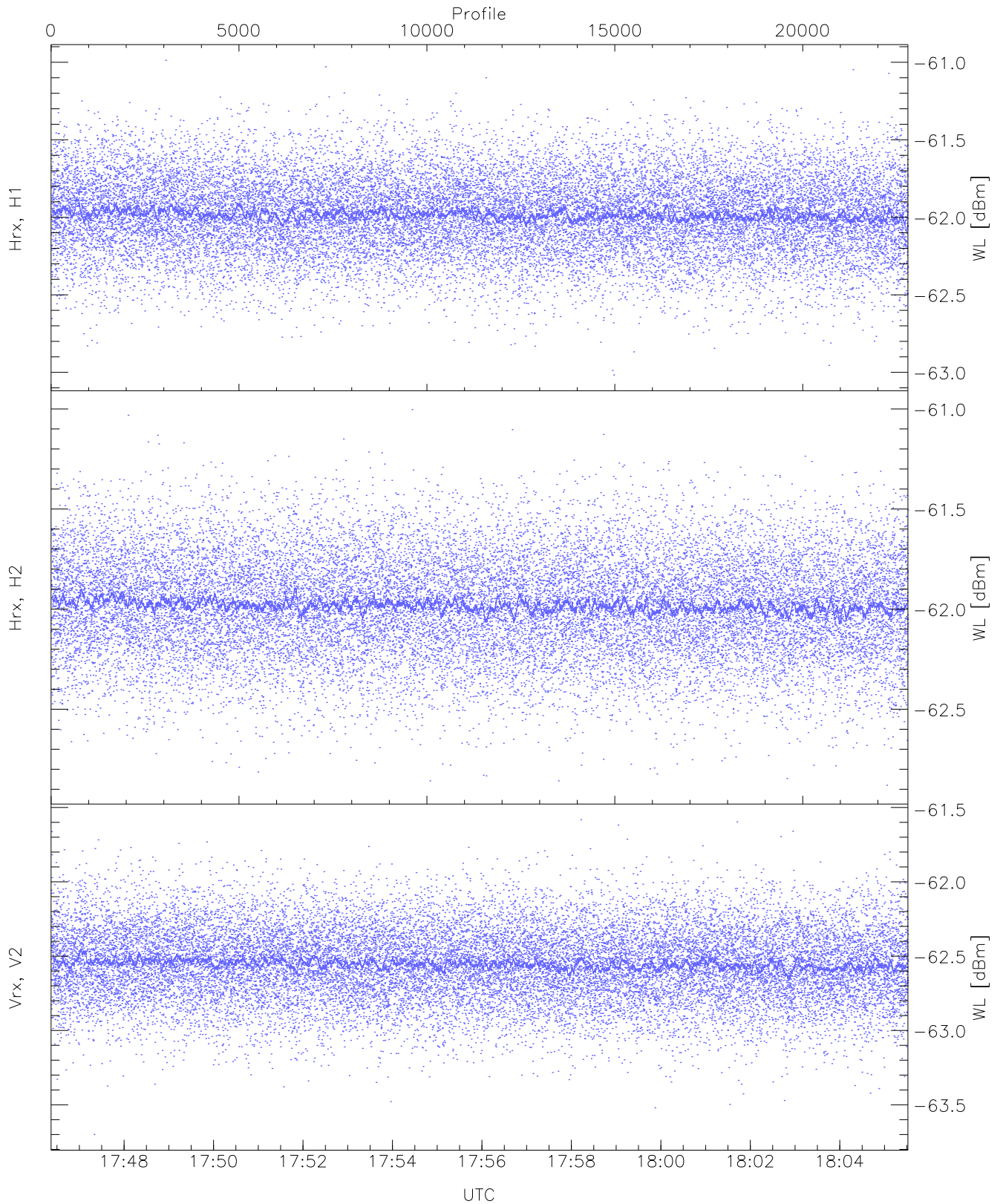
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,18,26,23,27  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,26,30  
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (16,16,16,16,16,20)



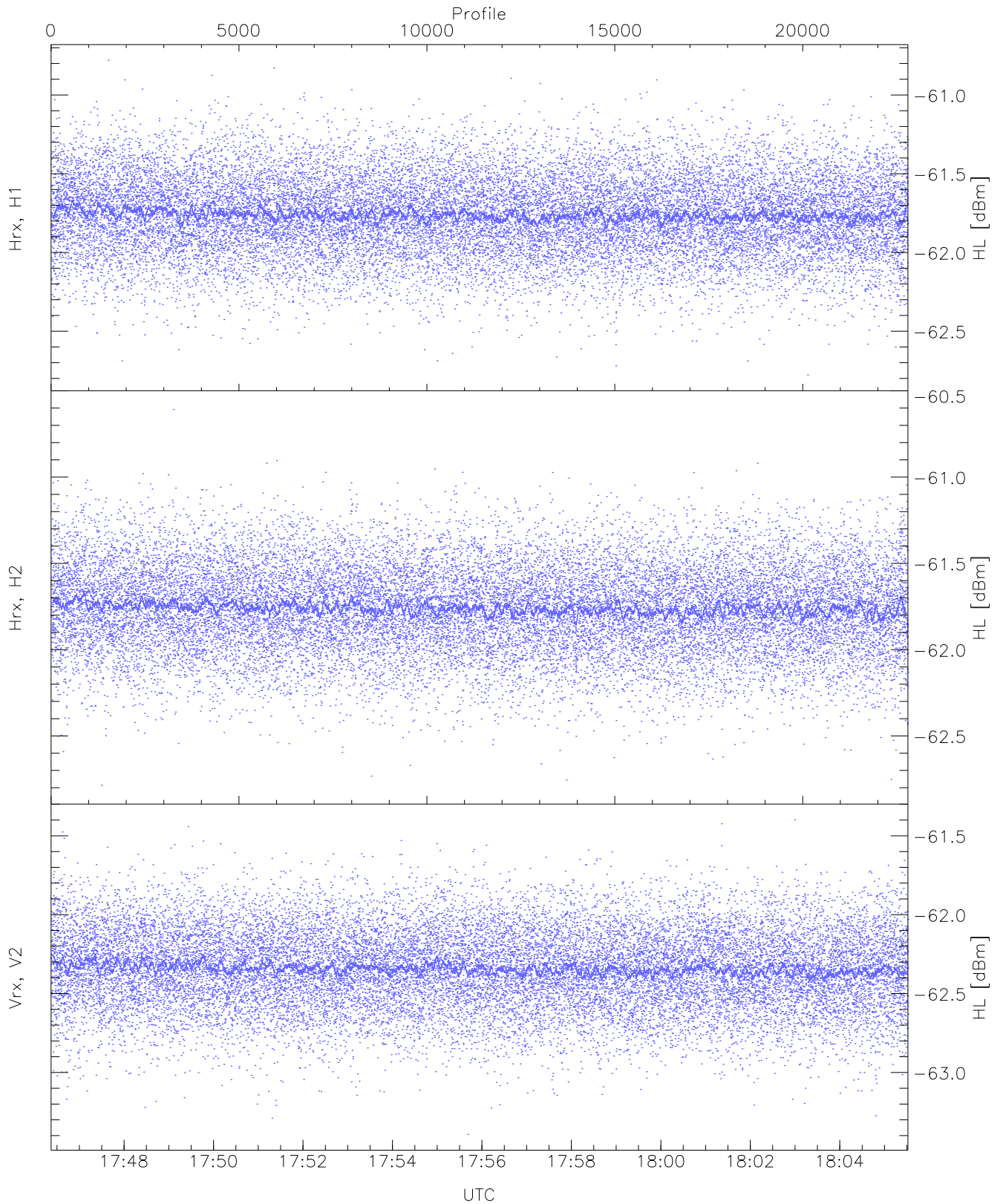
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4054 pixs, 36 gates, 3959 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

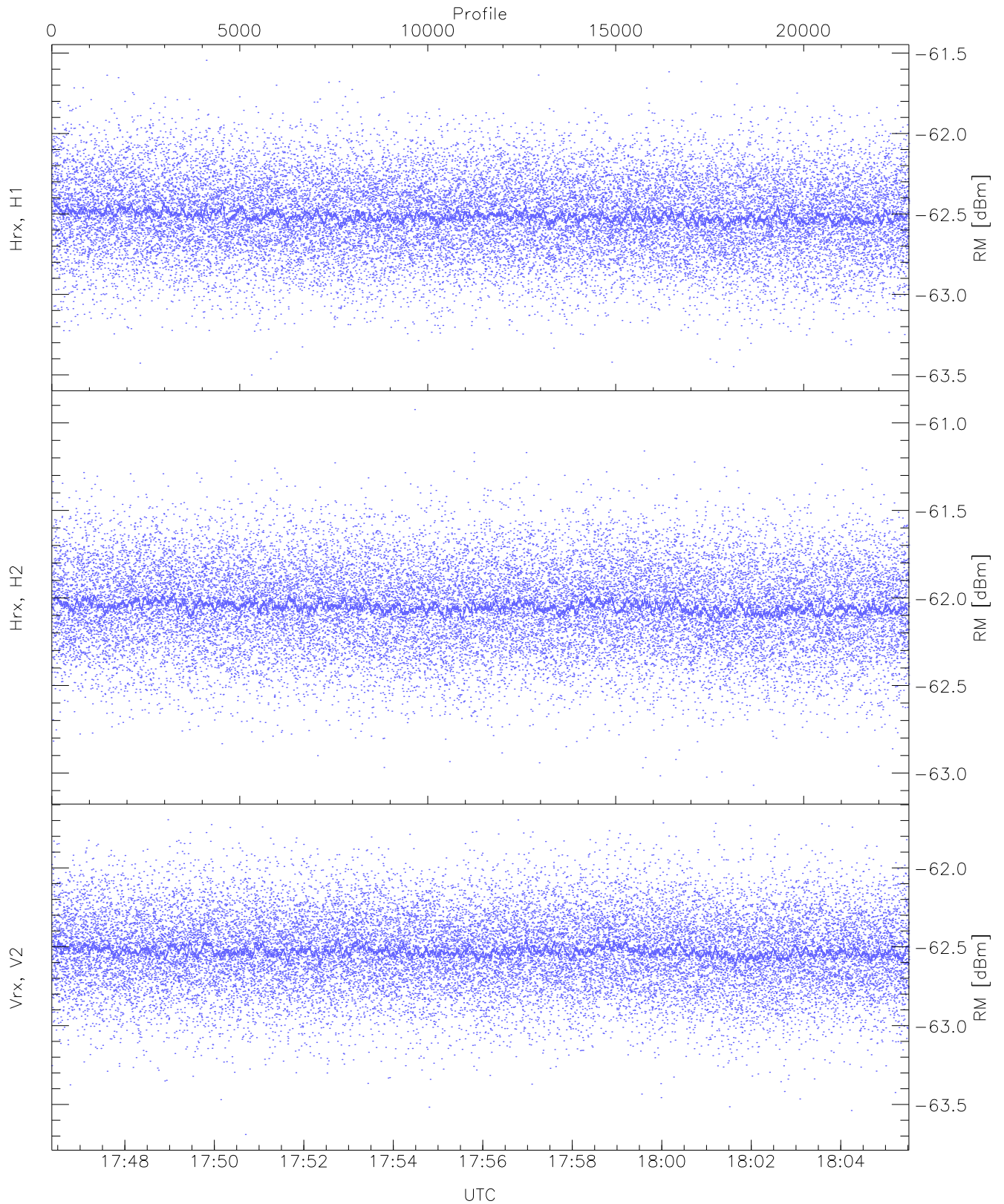
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.02	-60.99	-61.98	-61.98	-74.51
Hrx, H2(WL [dBm])	-62.88	-61.00	-61.98	-61.98	-74.56
Vrx, V2(WL [dBm])	-63.70	-61.58	-62.55	-62.55	-75.13



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

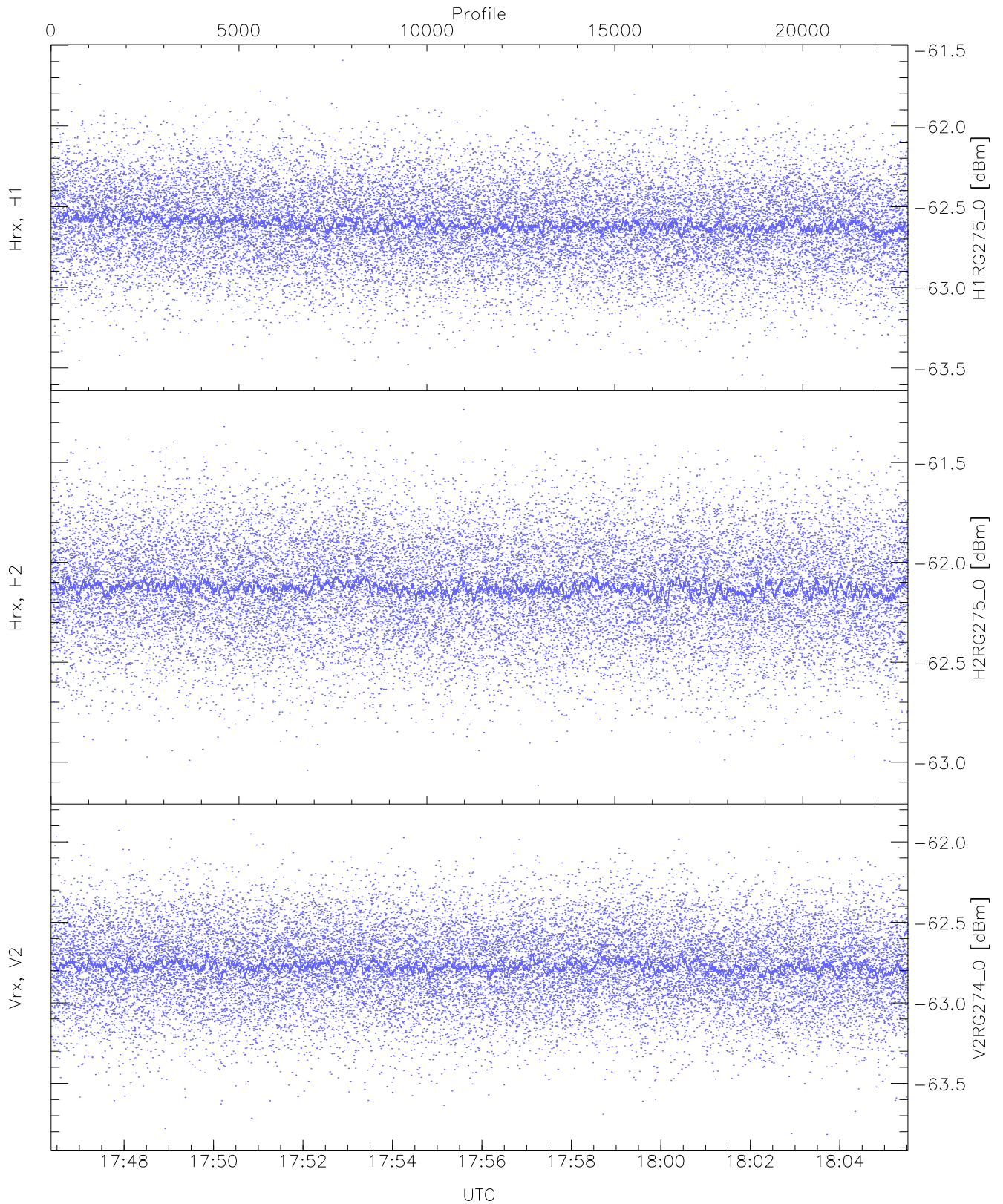
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.78	-60.78	-61.76	-61.76	-74.30
Hrx, H2 (HL [dBm])	-62.79	-60.61	-61.76	-61.76	-74.32
Vrx, V2 (HL [dBm])	-63.39	-61.40	-62.34	-62.34	-74.90





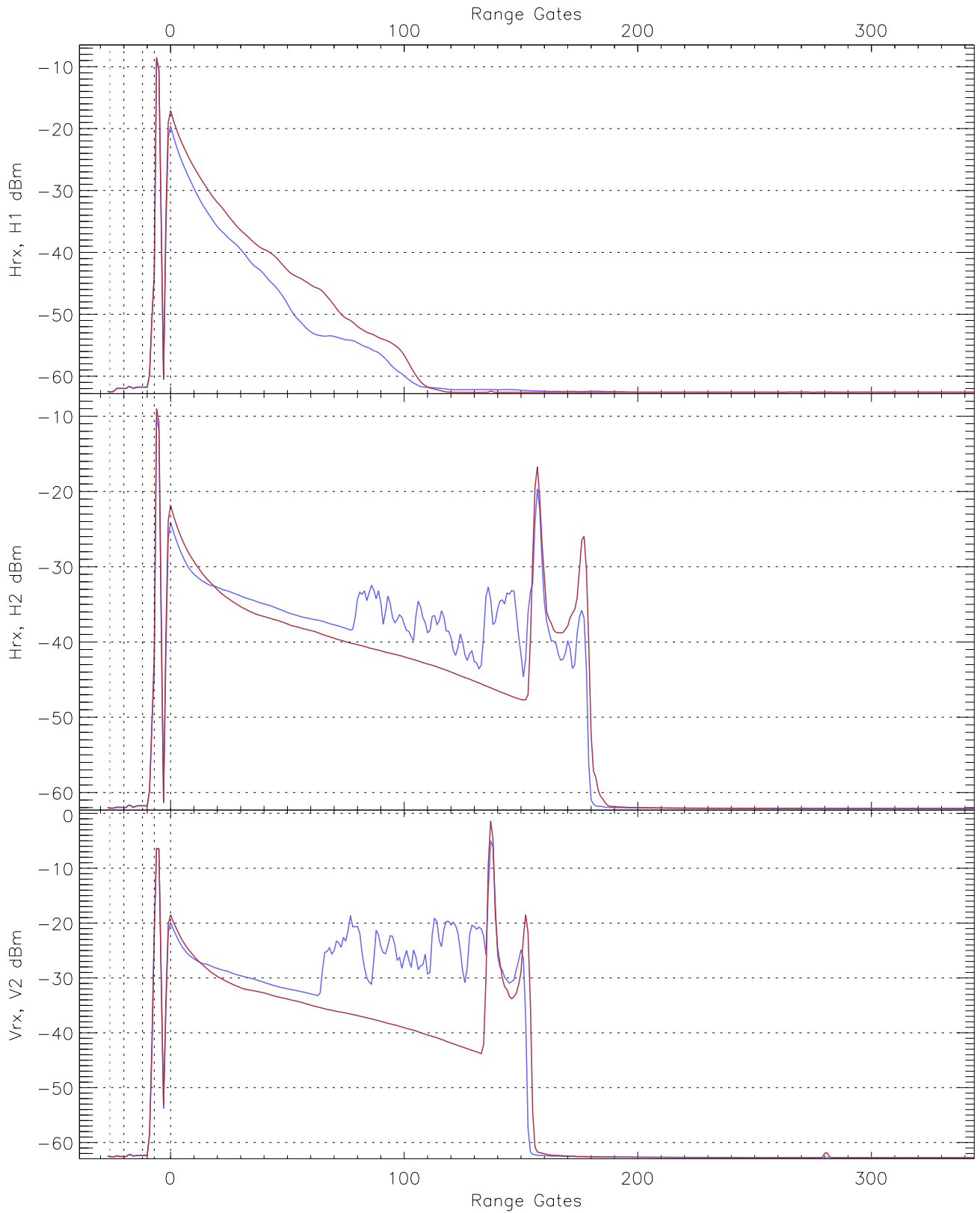
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.50	-61.55	-62.51	-62.51	-75.05
Hrx, H2 (RM [dBm])	-63.07	-60.92	-62.05	-62.05	-74.59
Vrx, V2 (RM [dBm])	-63.69	-61.70	-62.52	-62.53	-75.08



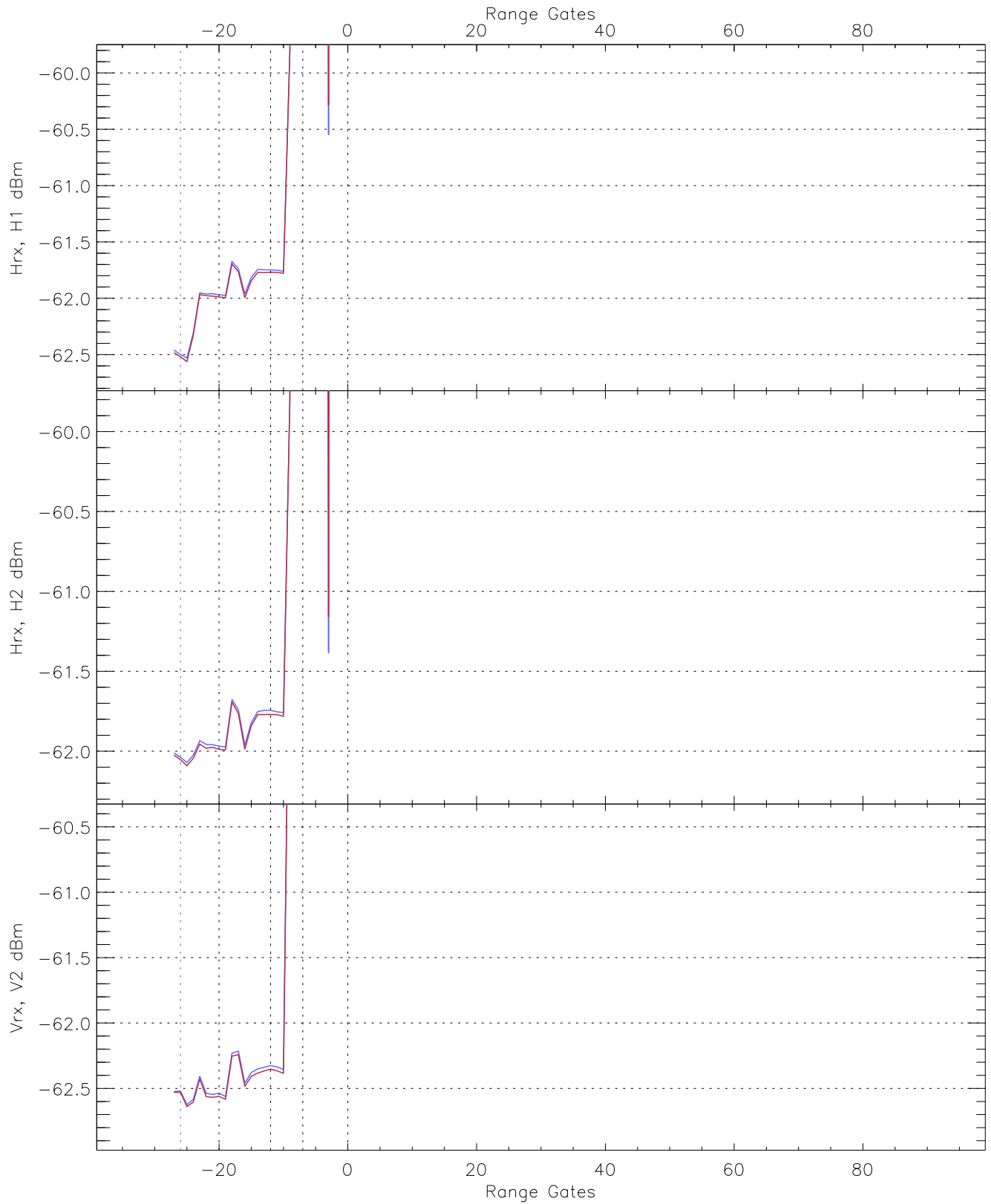
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.54	-61.59	-62.60	-62.61	-75.17
H2RG275_0 [dBm]	-63.12	-61.23	-62.13	-62.13	-74.71
V2RG274_0 [dBm]	-63.82	-61.86	-62.77	-62.77	-75.35

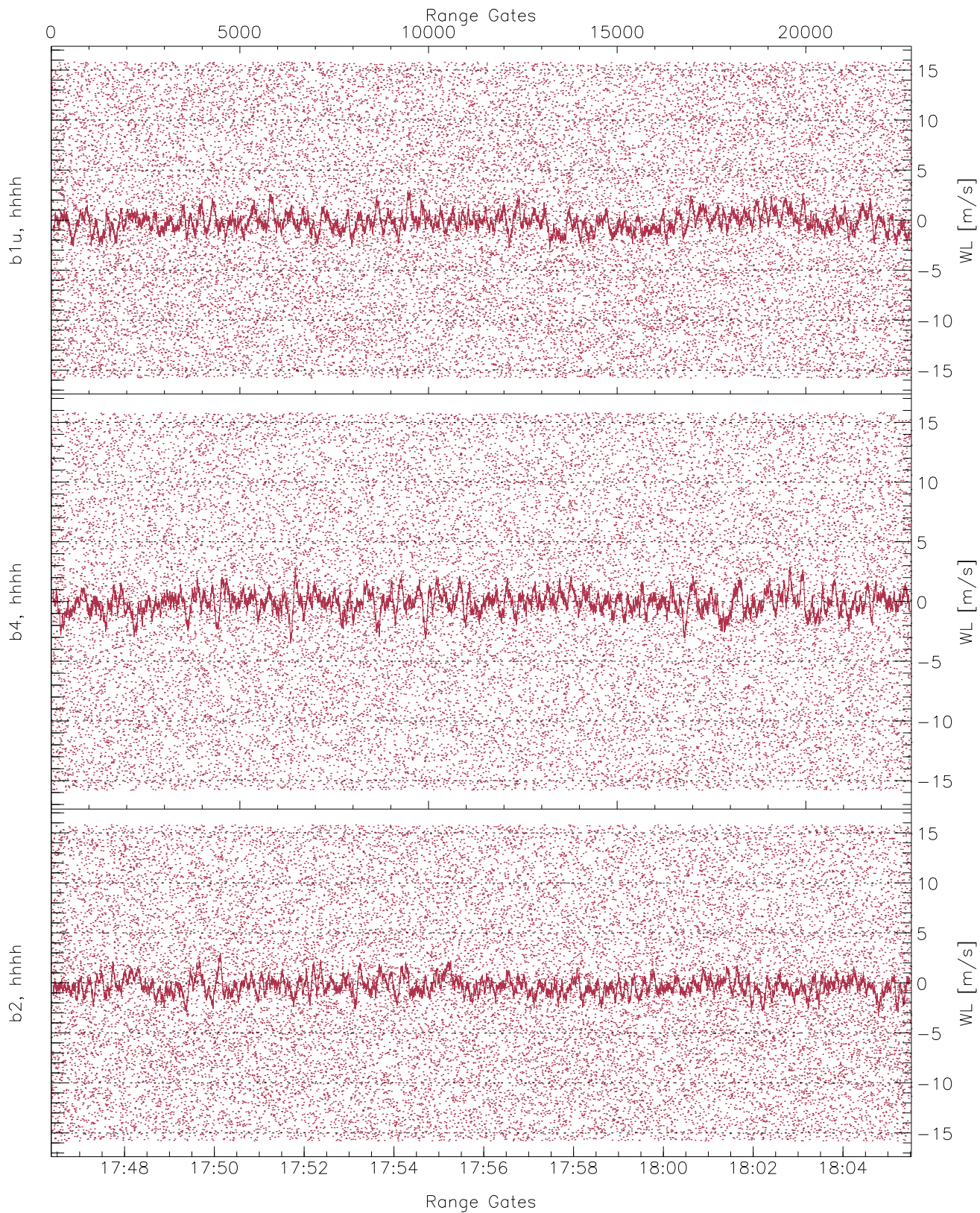


WCR2 CPP Averaged Received power for all recorded gates  
blue: 174622-175557, 11401 profiles averaged  
red: 175557-180531, 11400 profiles averaged

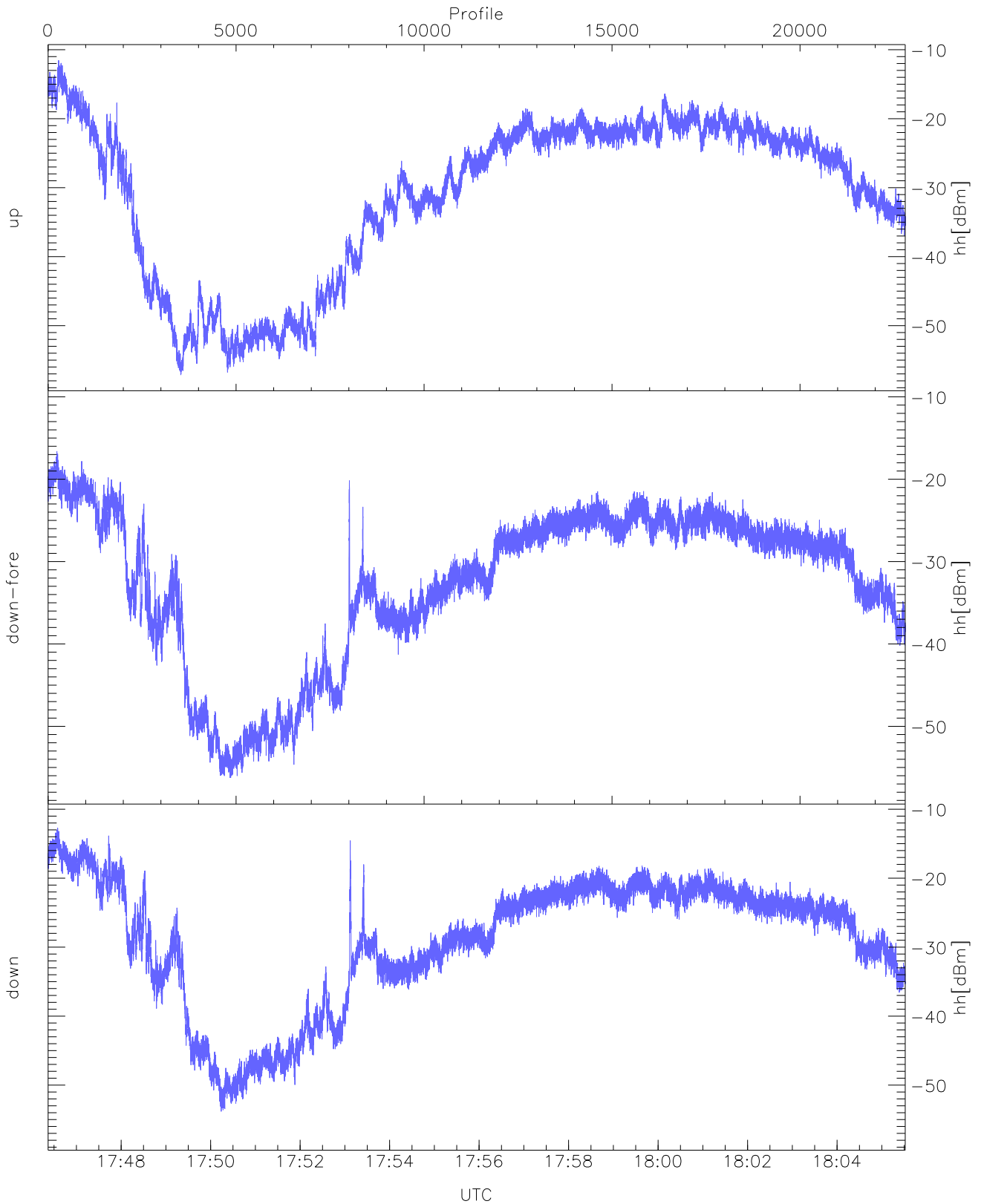




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 174622-175557, 11401 profiles averaged  
red: 175557-180531, 11400 profiles averaged

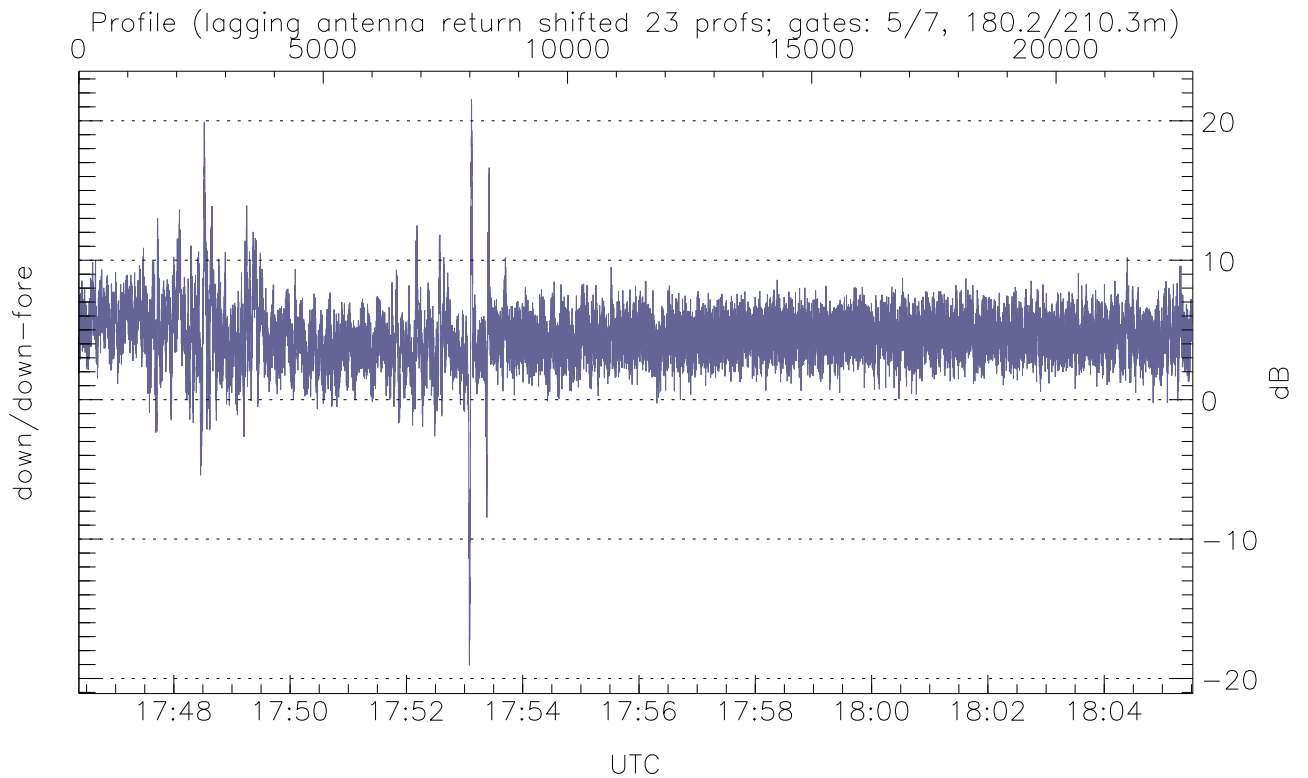
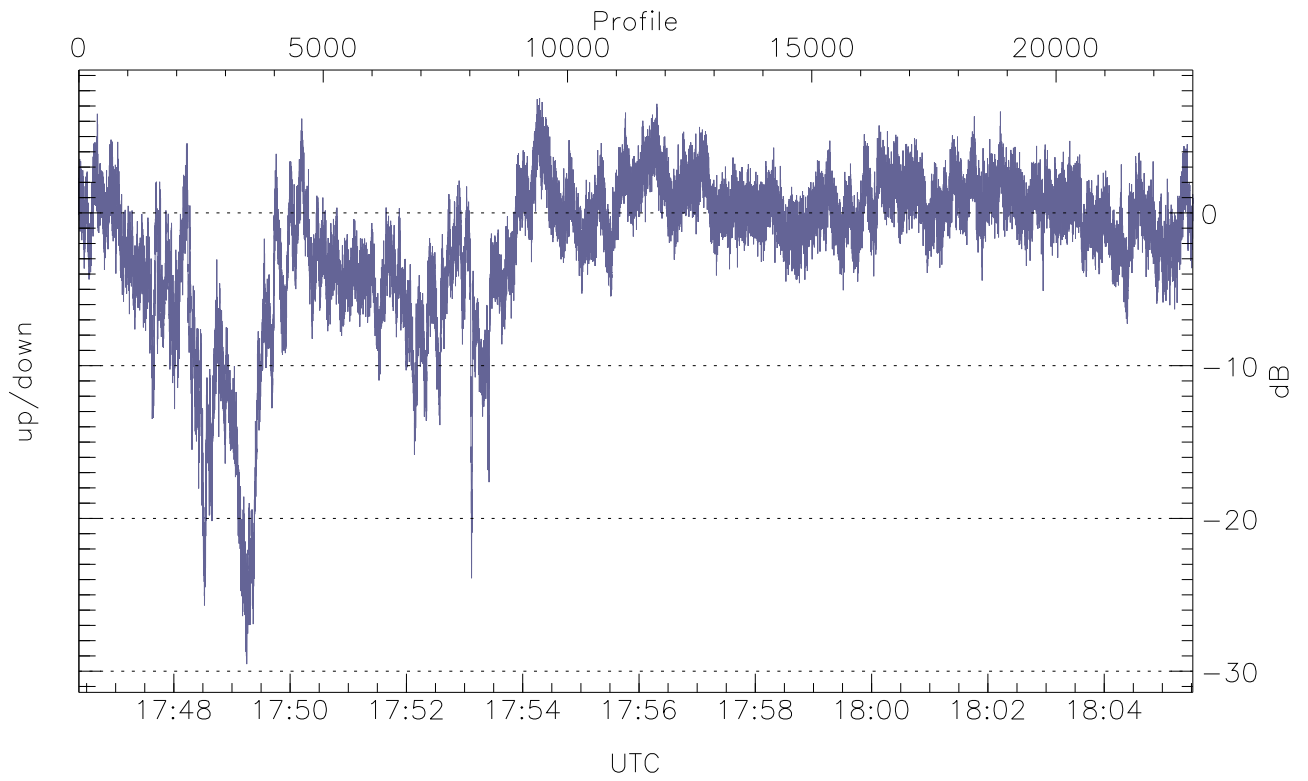


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



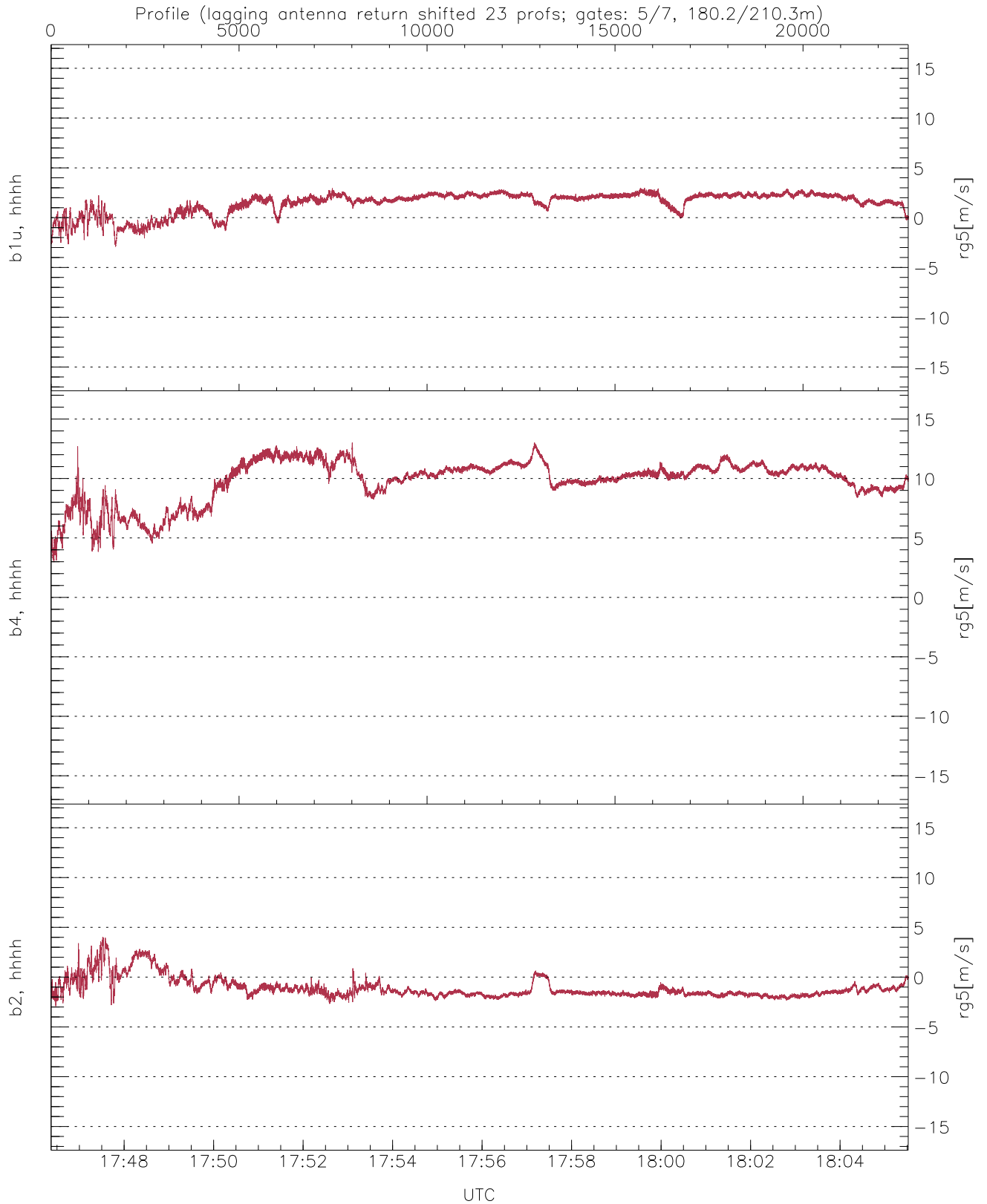
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-57.16	-11.53	-23.71
down-fore(hh[dBm])	-56.26	-16.60	-27.33
down(hh[dBm])	-53.83	-12.71	-23.68



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

	Min	Max	Mean
up/down (dB)	-29.53	7.50	-1.97
down/down-fore (dB)	-19.05	21.53	4.53



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.92	2.98	1.49	1.07
b4, hhhh(rg5[m/s])	2.97	13.02	9.81	1.80
b2, hhhh(rg5[m/s])	-2.91	4.02	-1.10	1.01