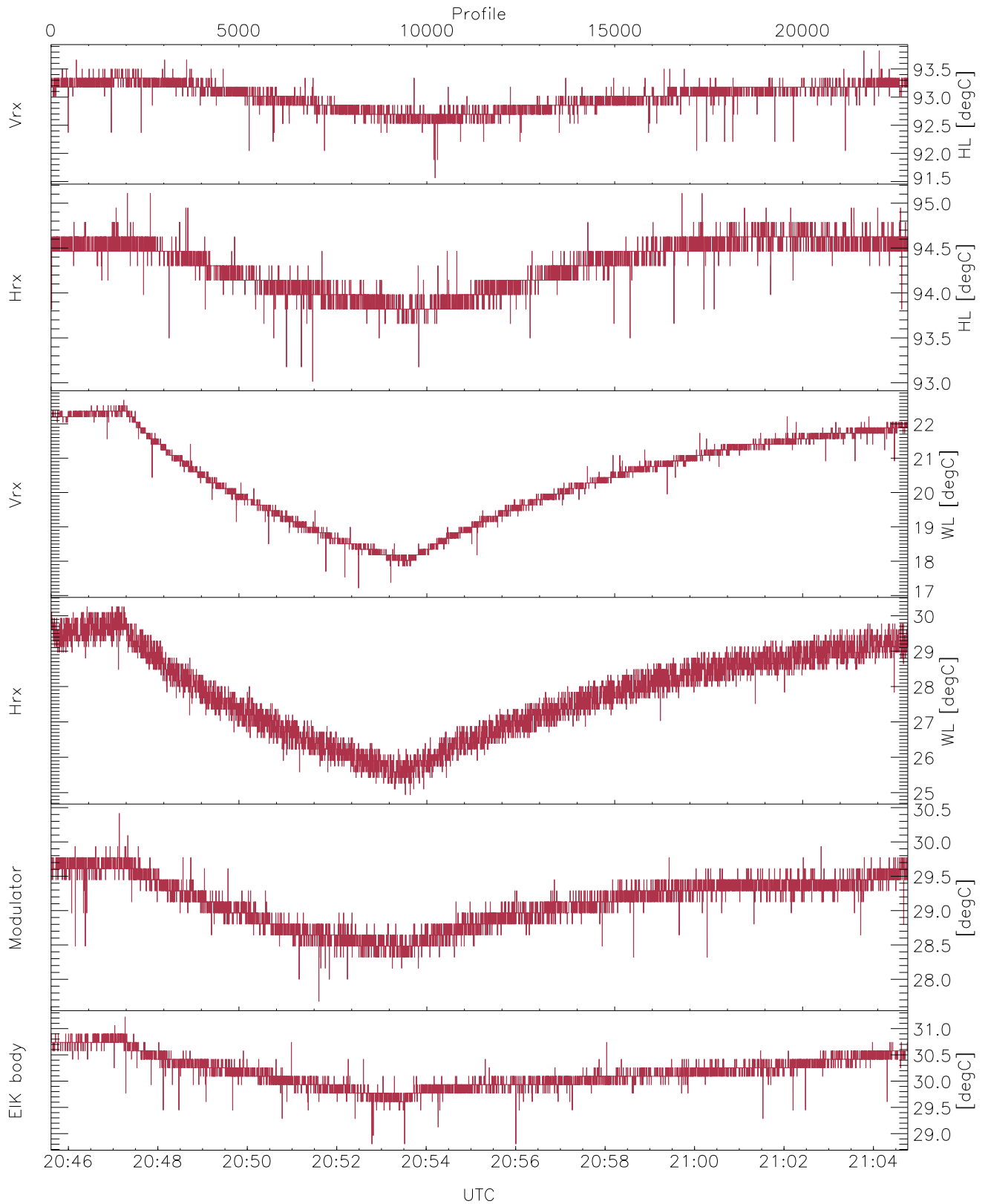


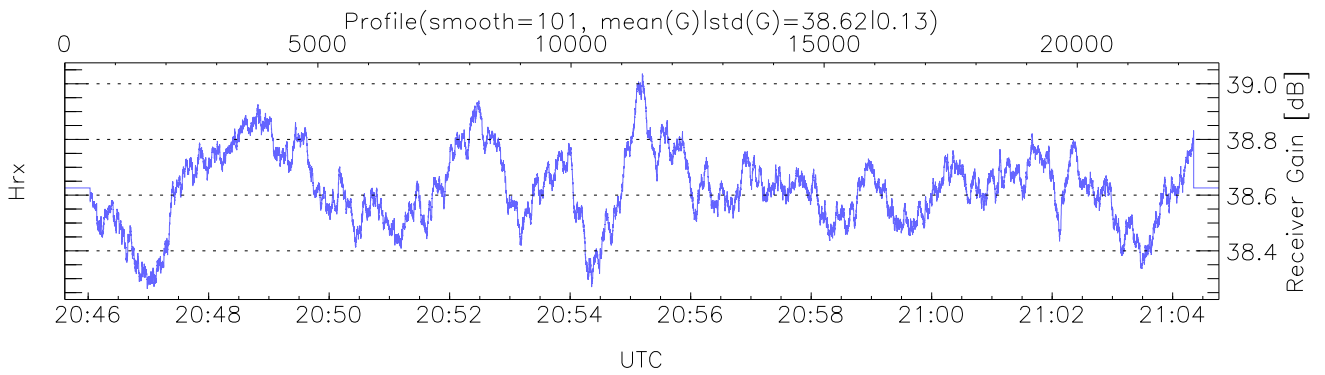
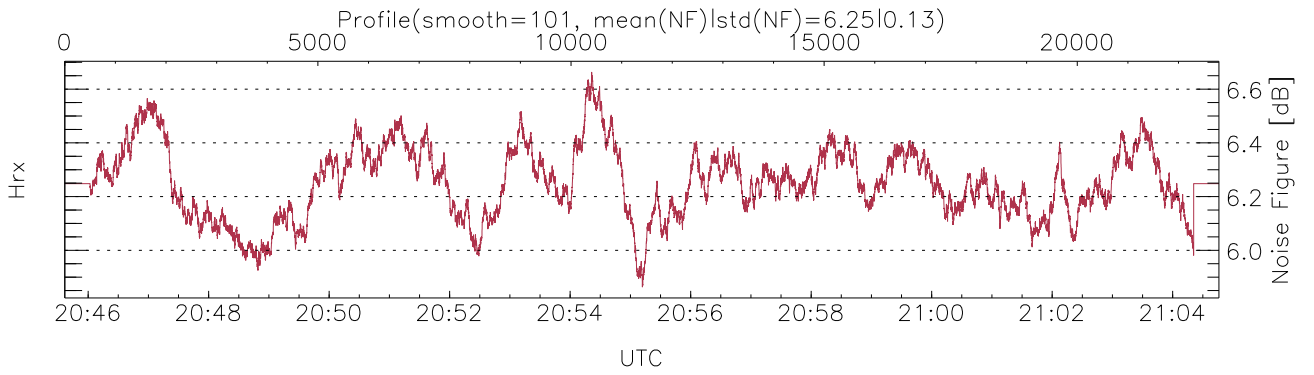
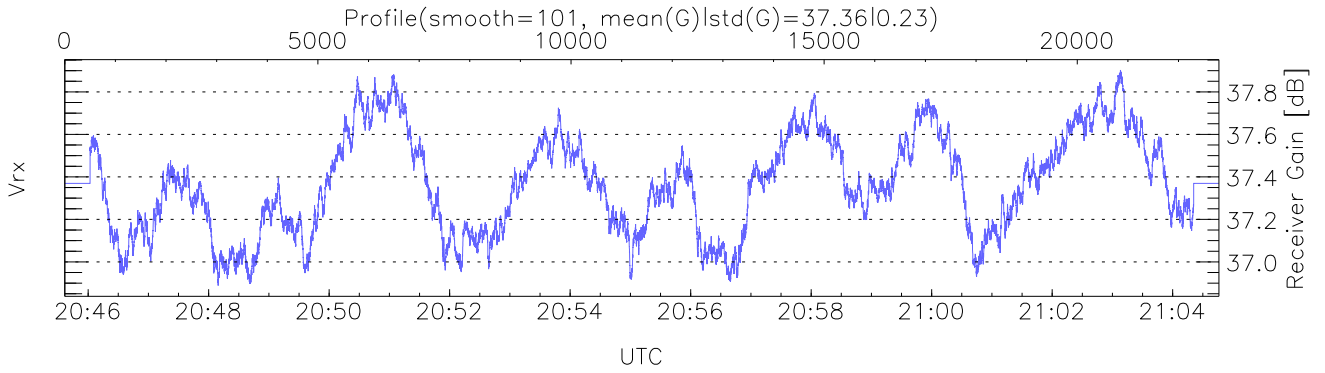
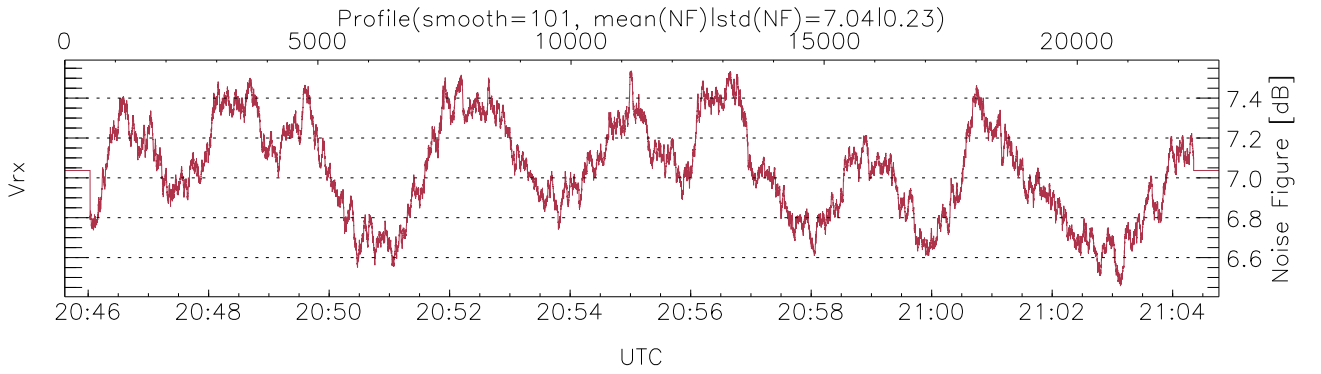
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:45:37-21:22:42, Dur: 2225.36s  
 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): 22800/44144, 0-22799/20:45:37-21:04:46  
 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



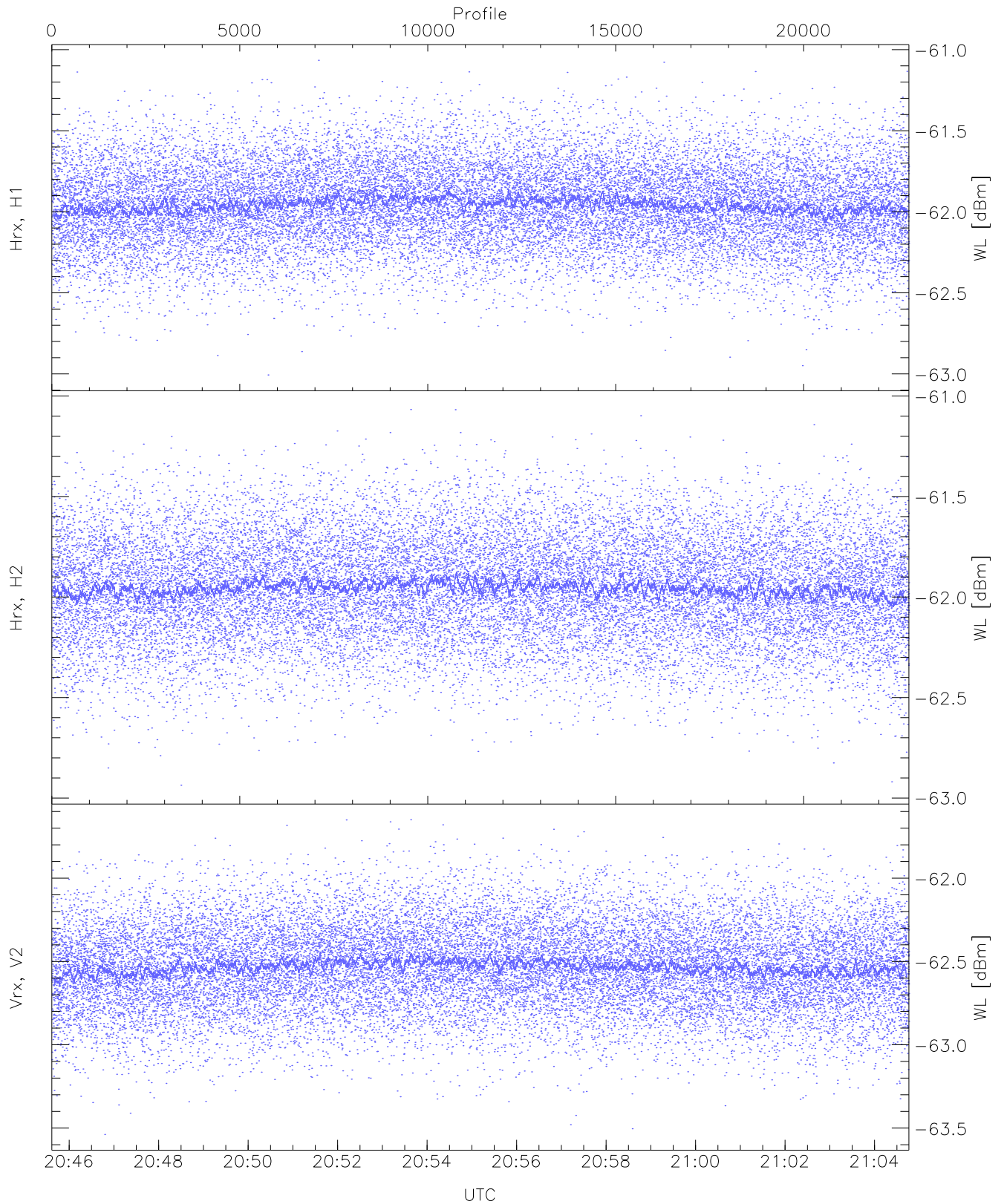
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,24,27,28`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,30,31`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,BodyCurr,DeckF,OverDuty,HVPS (5,10,10,5,22)`



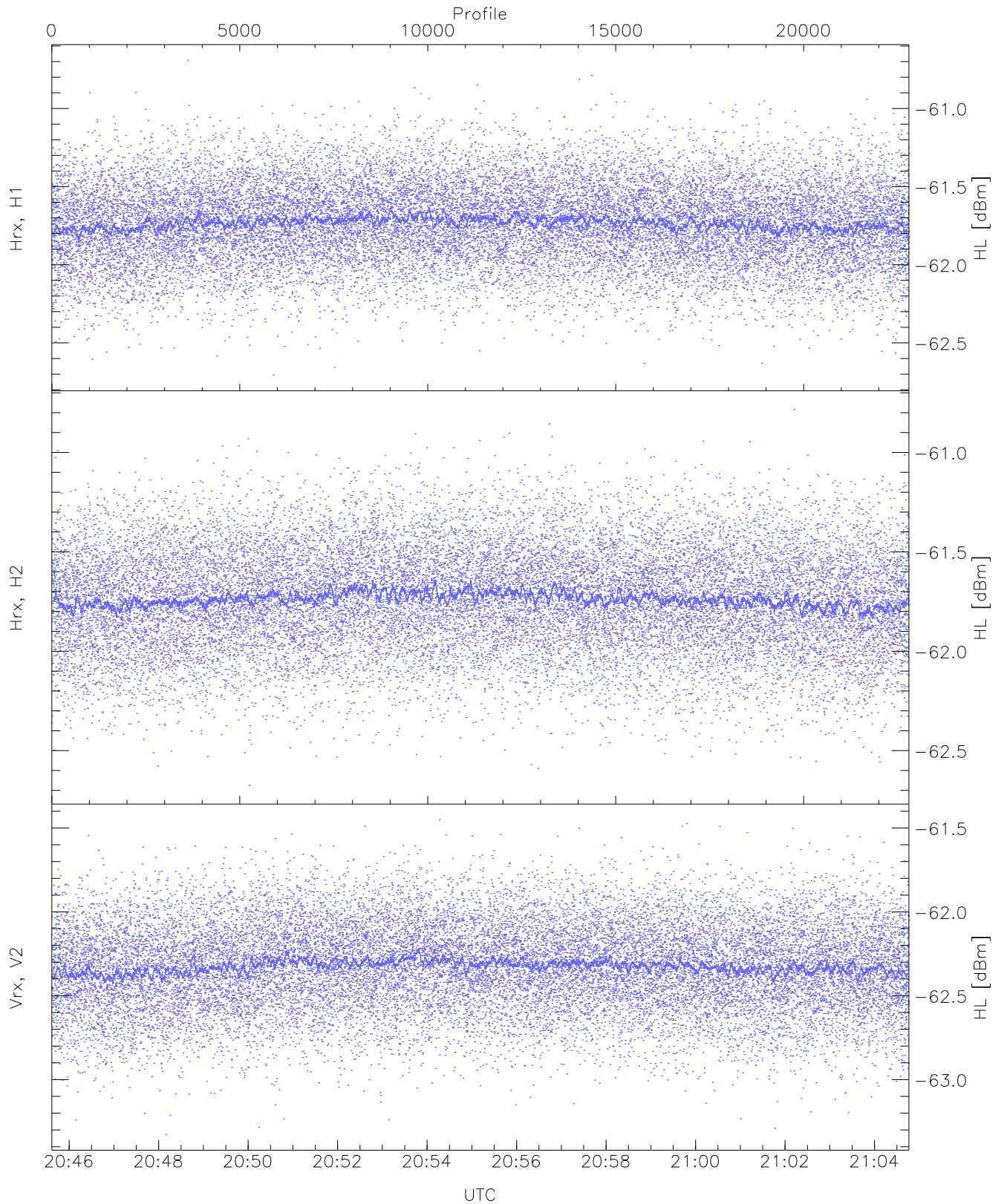
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 629 pixs, 21 gates, 629 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

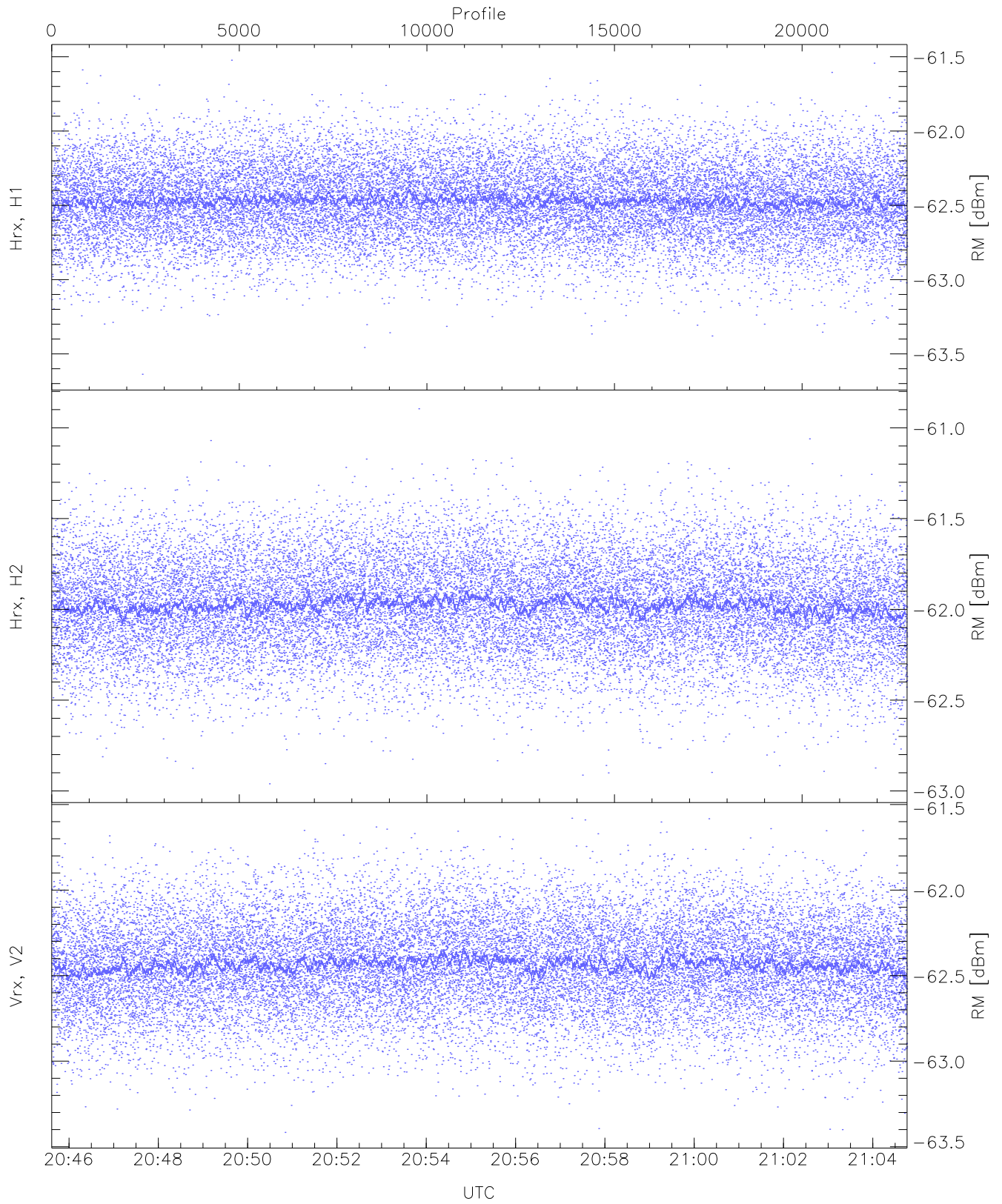
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.01	-61.07	-61.96	-61.96	-74.51
Hrx, H2(WL [dBm])	-62.94	-61.07	-61.95	-61.96	-74.51
Vrx, V2(WL [dBm])	-63.54	-61.65	-62.53	-62.54	-75.11



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

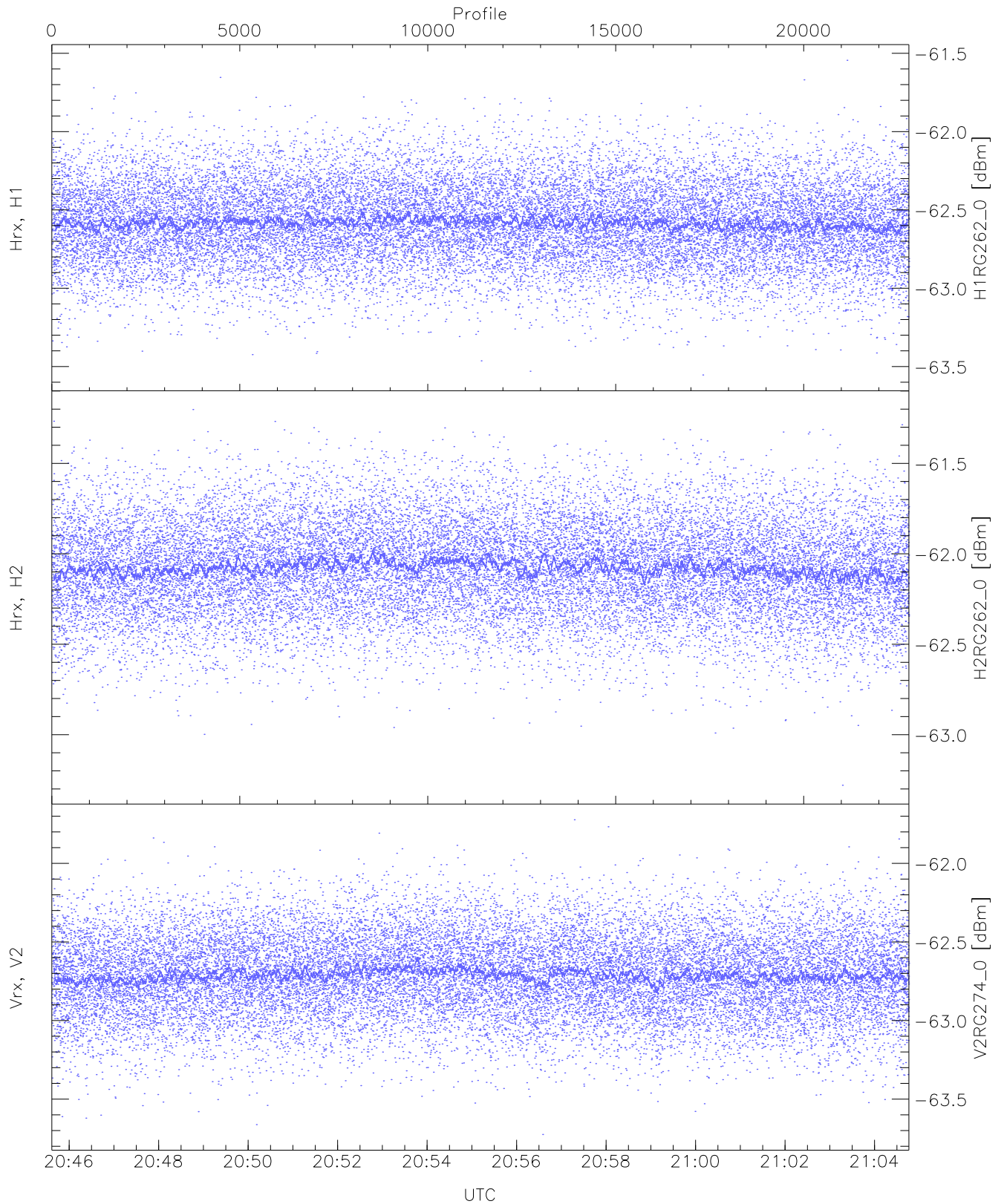
	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.71	-60.69	-61.73	-61.73	-74.25
Hrx, H2(HL [dBm])	-62.67	-60.78	-61.73	-61.74	-74.29
Vrx, V2(HL [dBm])	-63.33	-61.45	-62.32	-62.32	-74.83





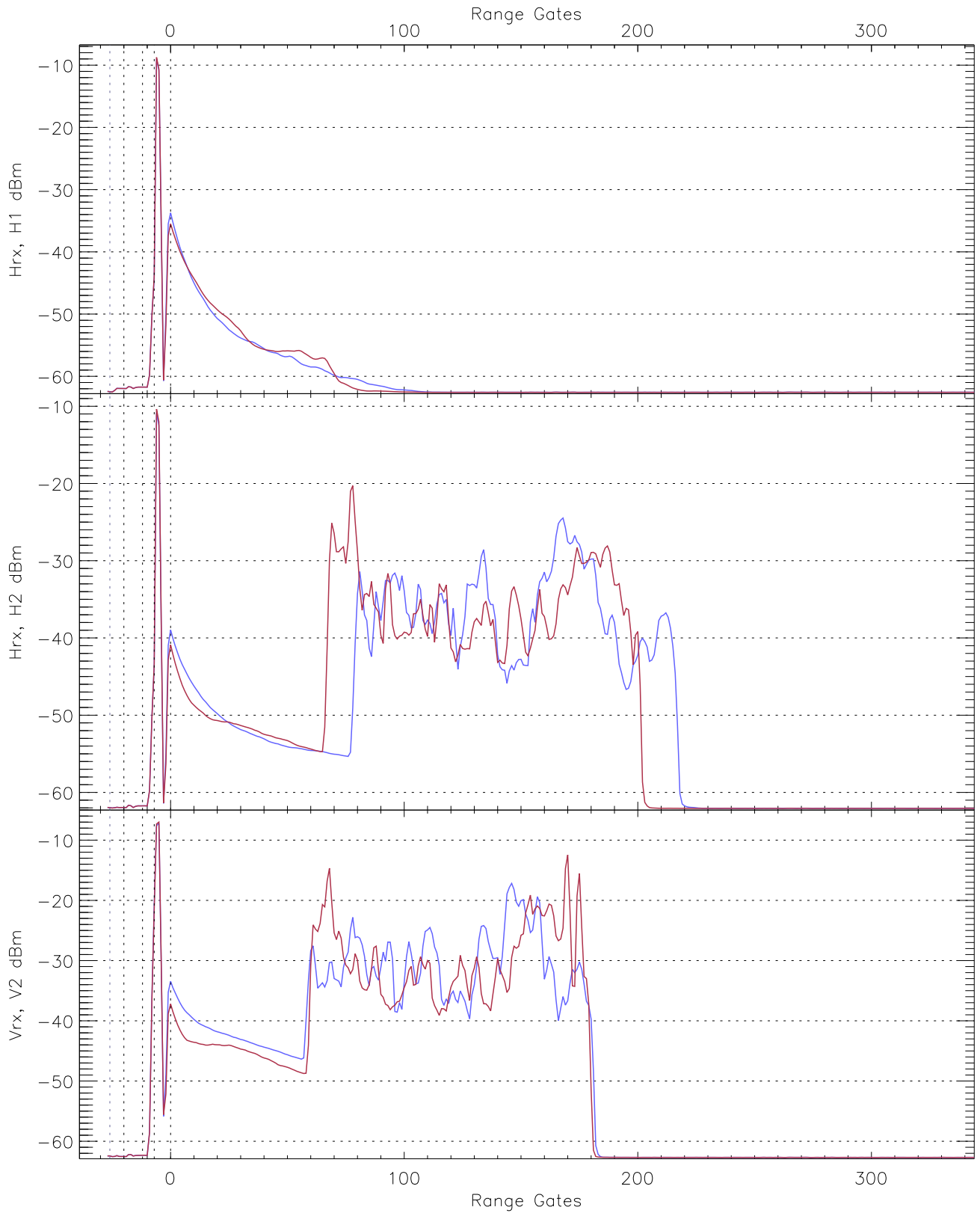
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.64	-61.52	-62.47	-62.48	-75.07
Hrx, H2 (RM [dBm])	-62.96	-60.90	-61.98	-61.98	-74.50
Vrx, V2 (RM [dBm])	-63.42	-61.58	-62.43	-62.44	-74.93



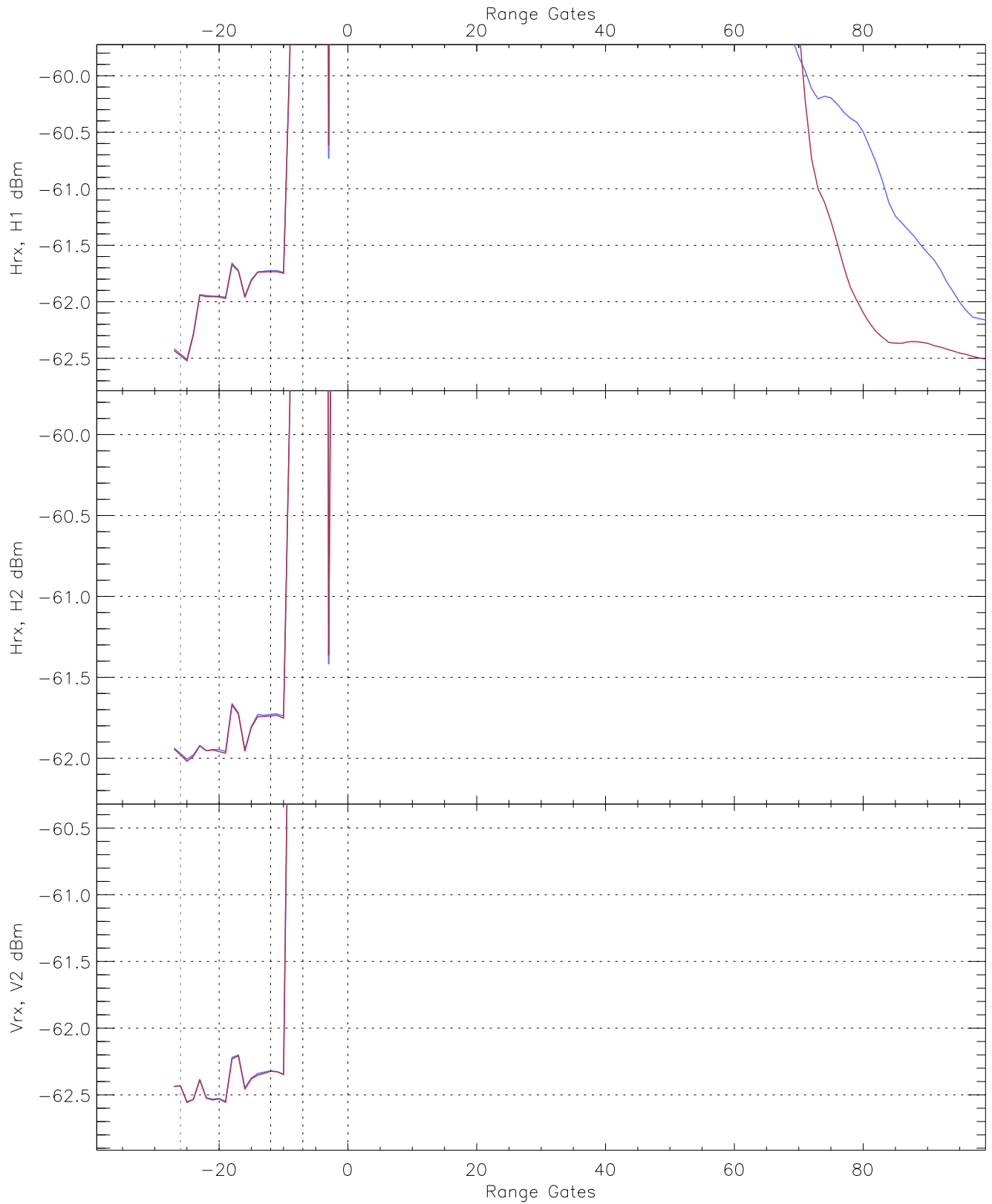
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.55	-61.54	-62.58	-62.59	-75.13
H2RG262_0 [dBm]	-63.28	-61.20	-62.08	-62.08	-74.63
V2RG274_0 [dBm]	-63.72	-61.72	-62.71	-62.71	-75.22

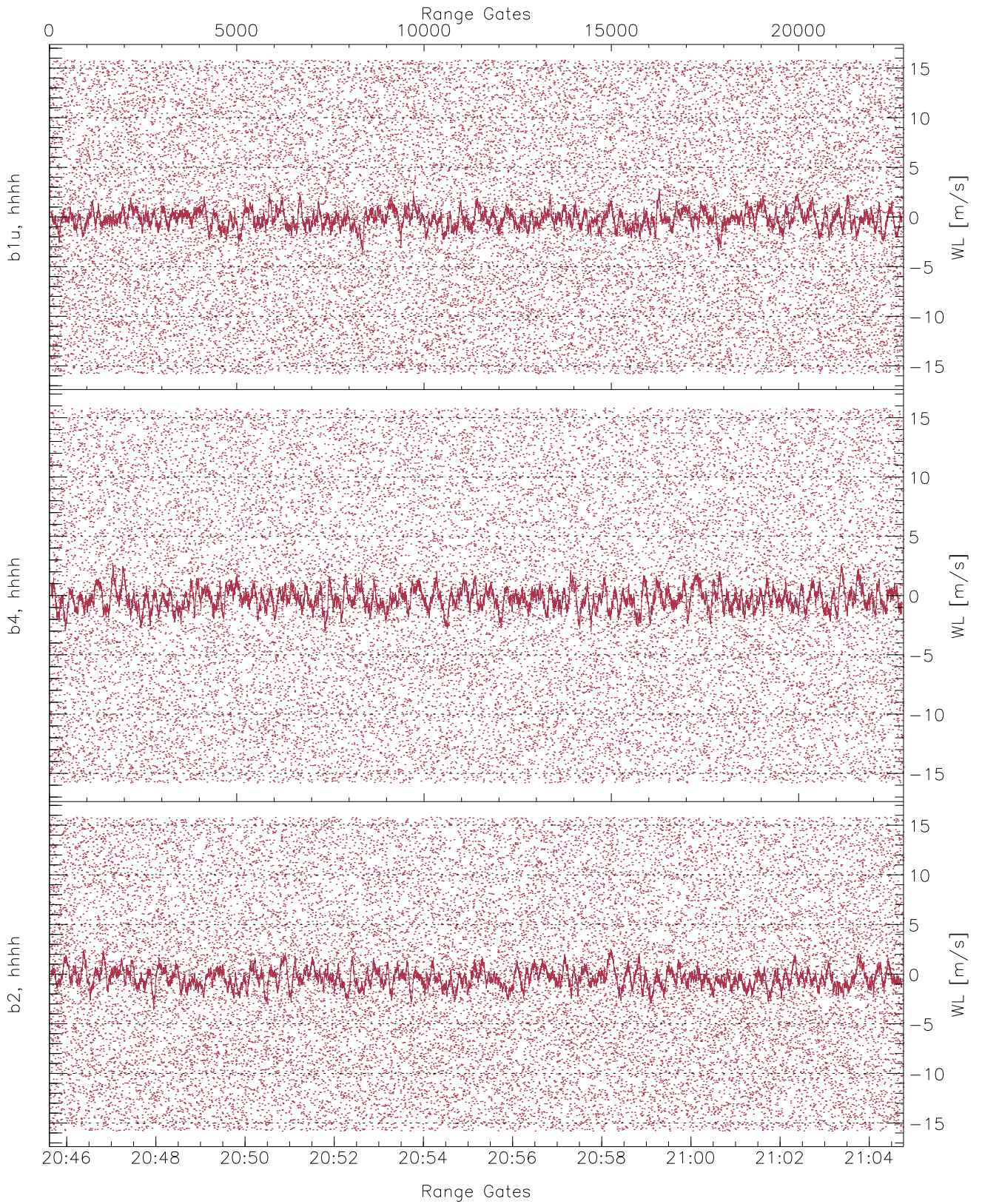


WCR2 CPP Averaged Received power for all recorded gates  
blue: 204537-205511, 11401 profiles averaged  
red: 205511-210446, 11400 profiles averaged

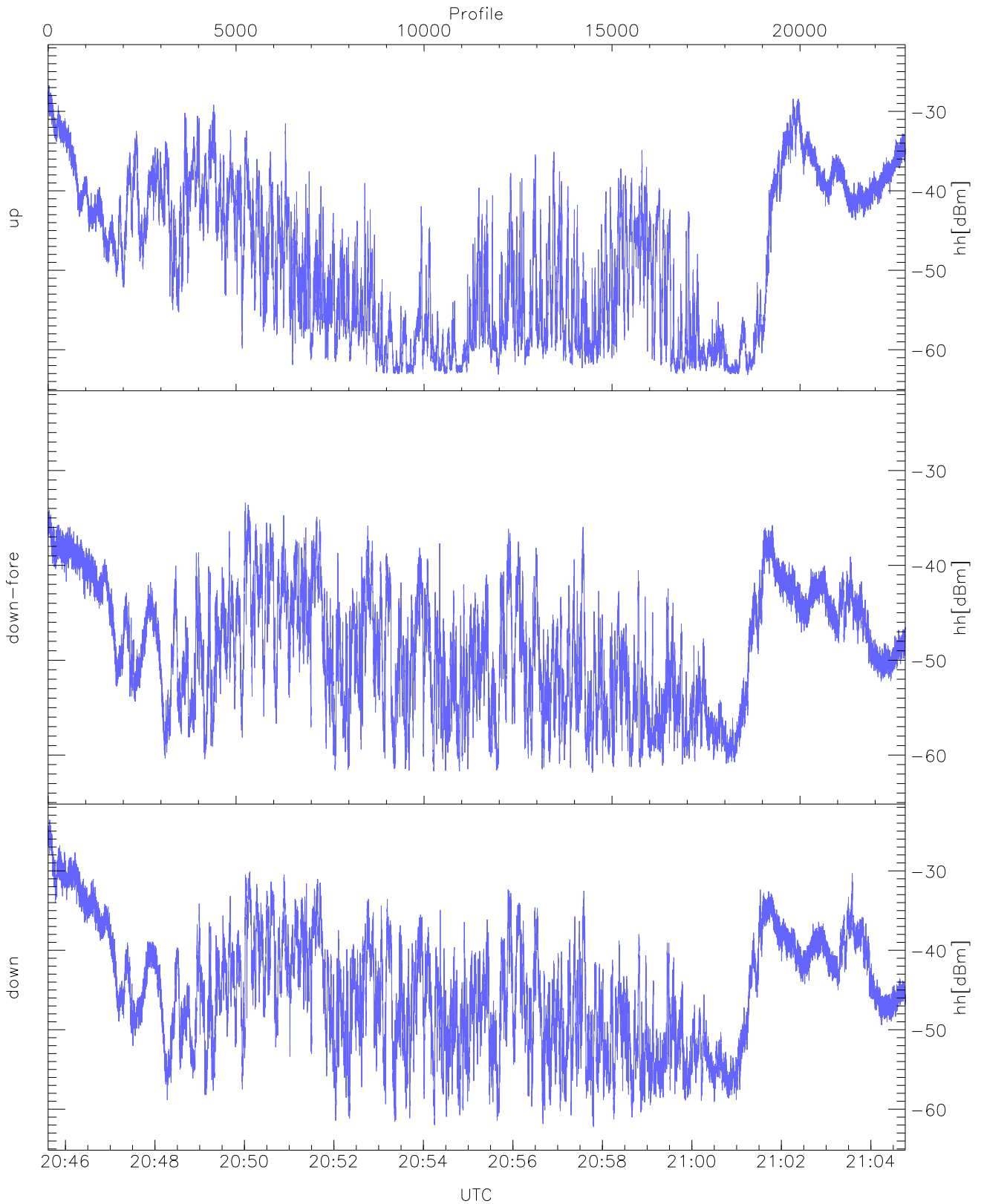




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 204537-205511, 11401 profiles averaged  
red: 205511-210446, 11400 profiles averaged

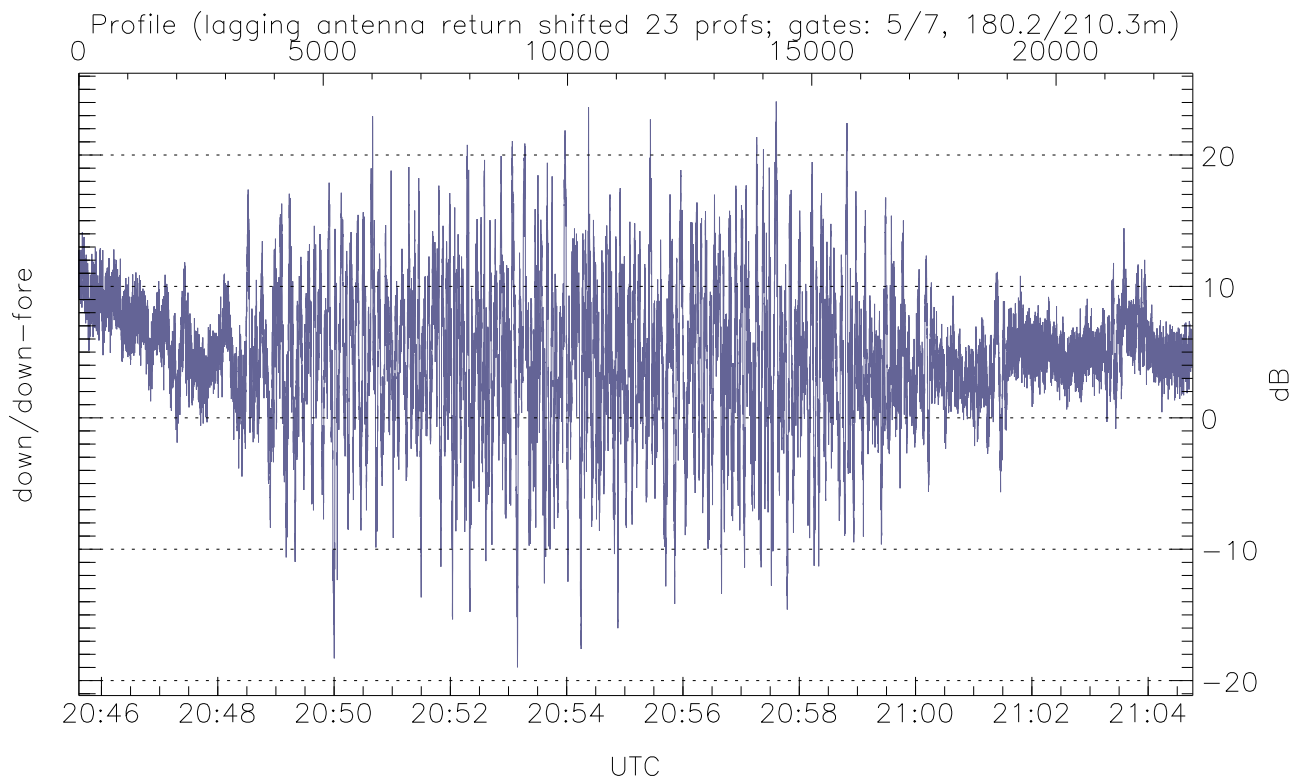
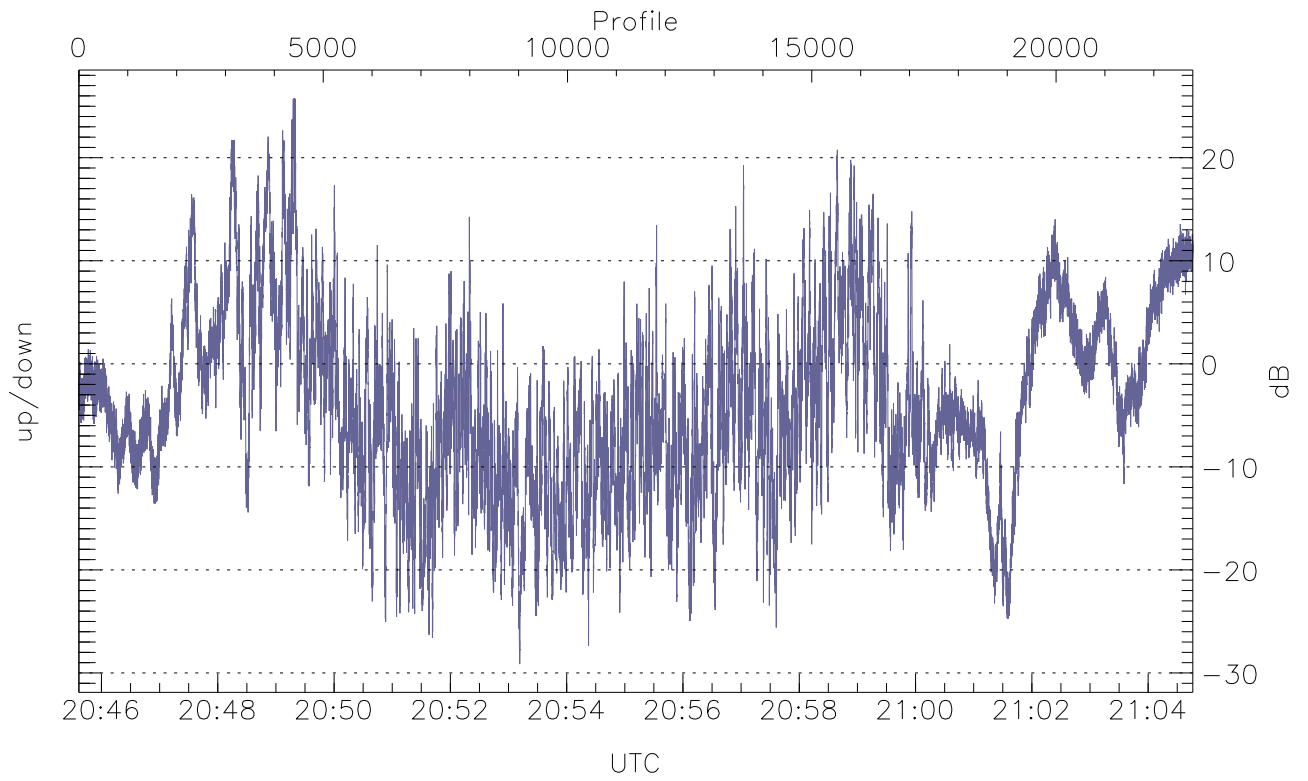


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



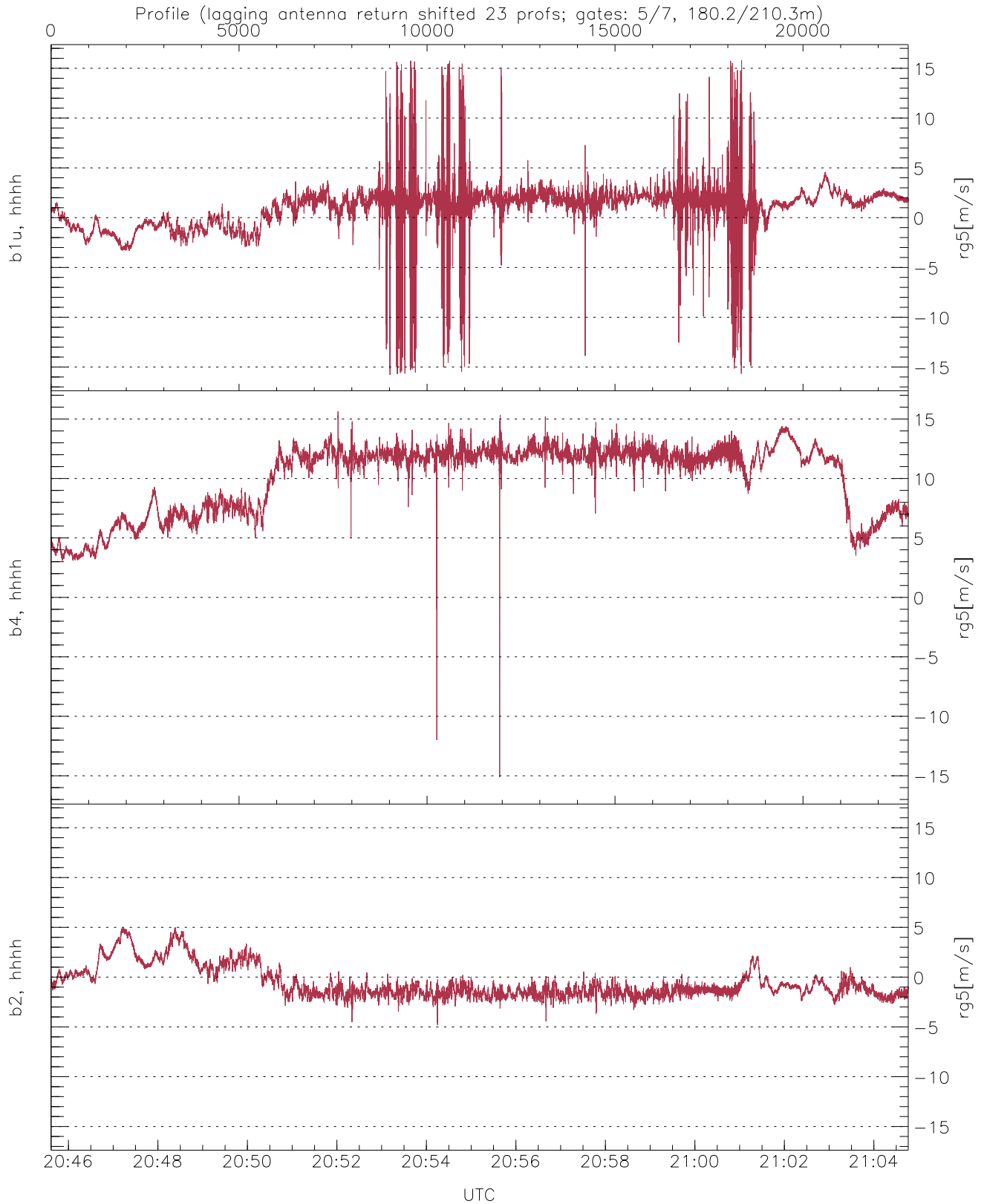
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.18	-26.72	-40.56
down-fore(hh[dBm])	-61.85	-33.38	-44.58
down(hh[dBm])	-62.23	-23.57	-39.37



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

	Min	Max	Mean
up/down (dB)	-29.14	25.77	-3.63
down/down-fore (dB)	-18.99	24.07	4.68



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.92	2.30
b4, hhhh(rg5[m/s])	-15.12	15.64	10.08	2.91
b2, hhhh(rg5[m/s])	-4.79	4.99	-0.57	1.60