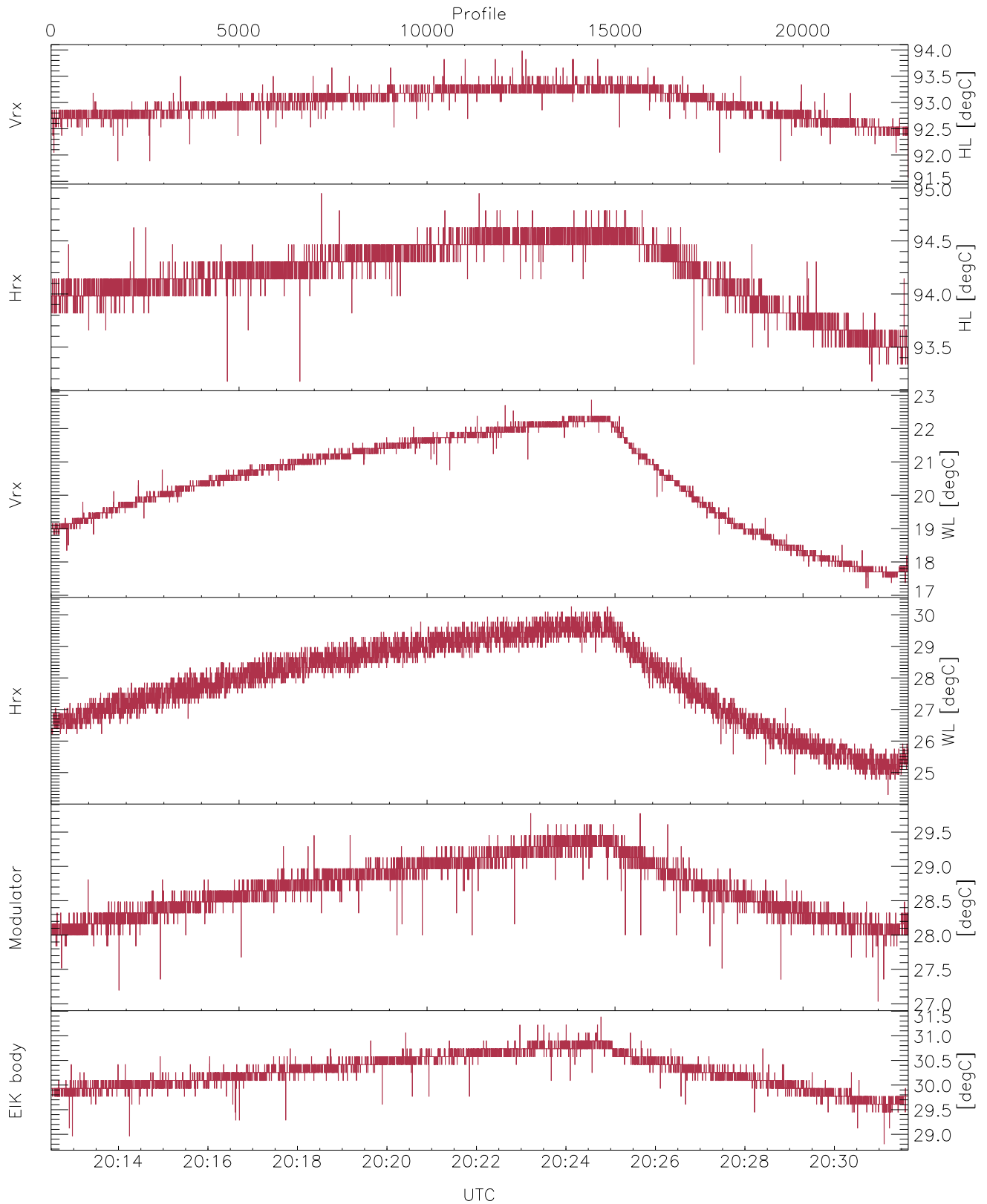


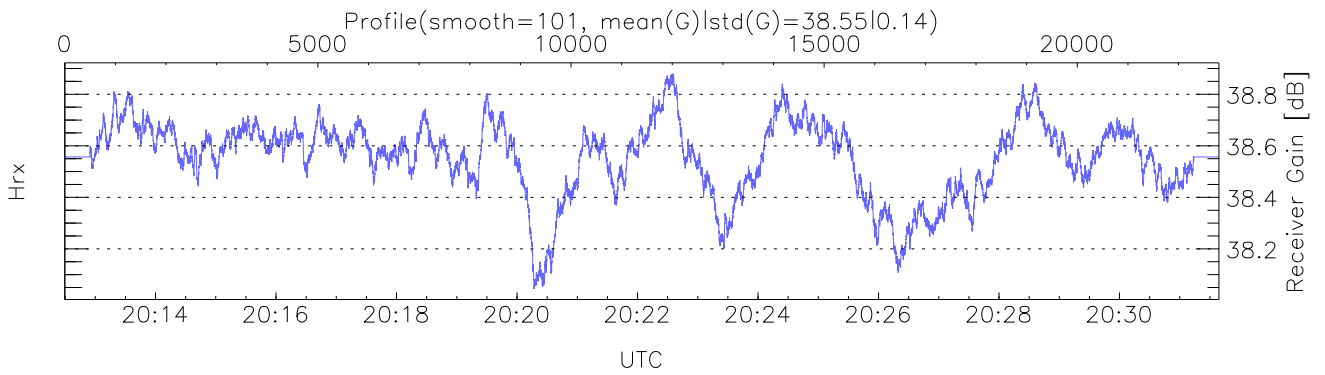
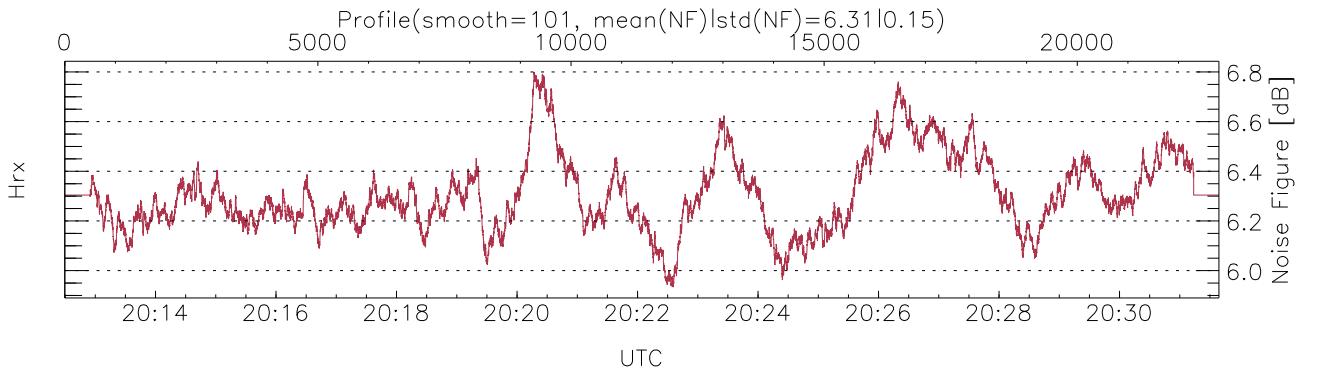
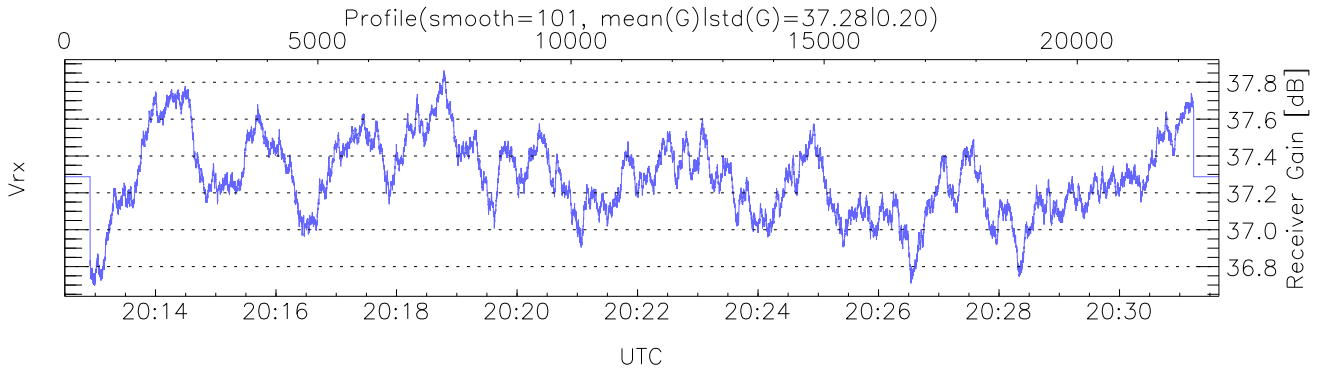
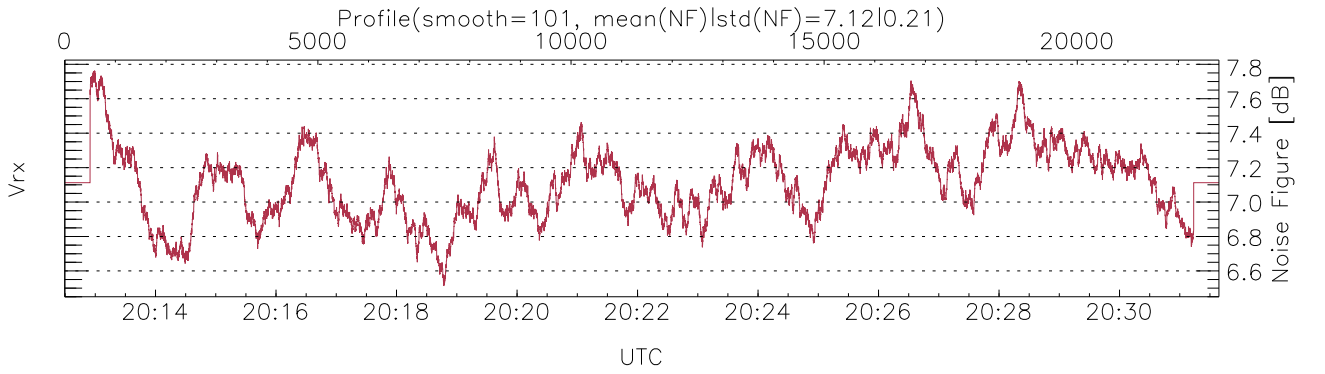
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:12:30-20:45:35, Dur: 1984.90s  
 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): 22800/39374, 0-22799/20:12:30-20:31:39  
 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



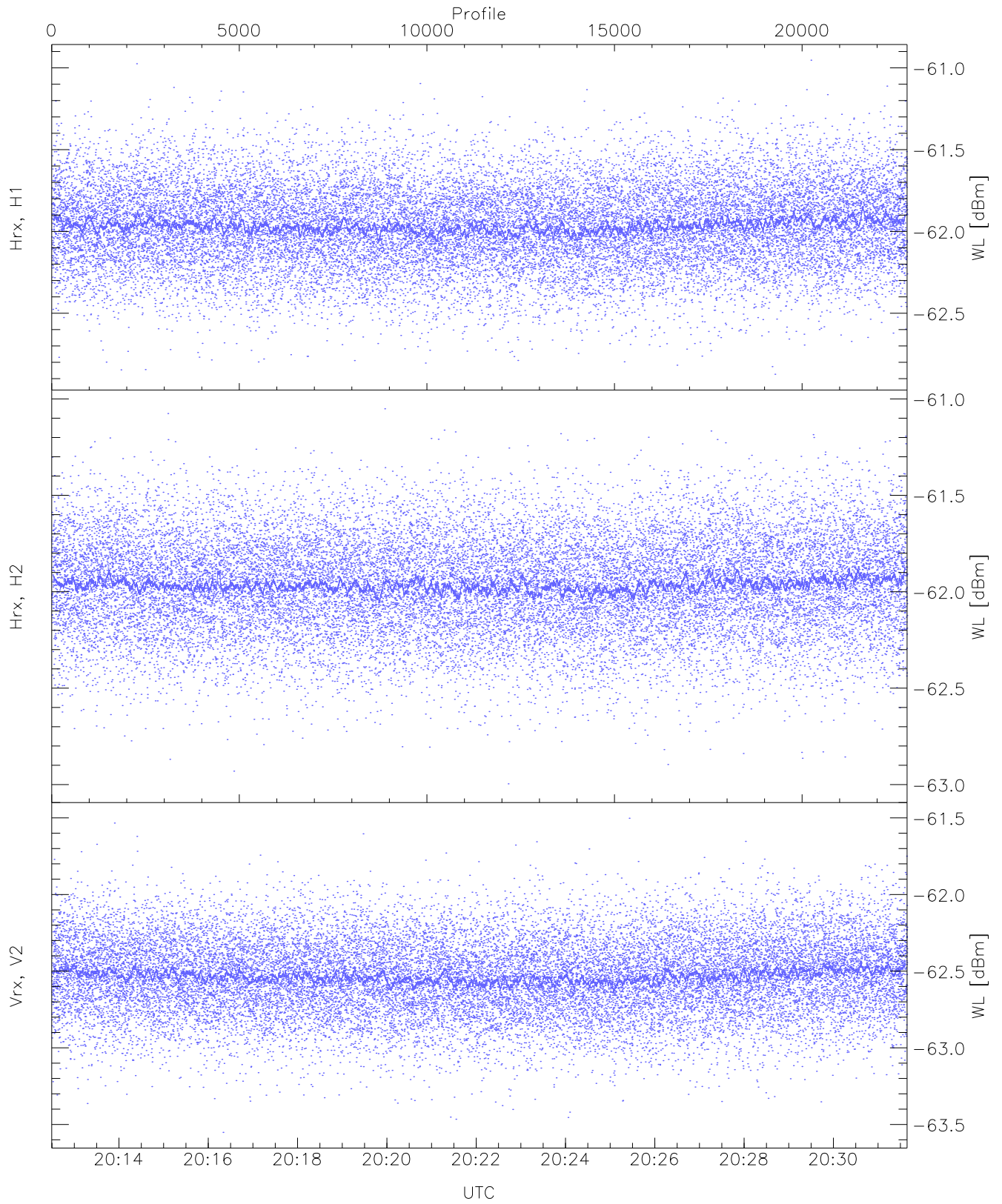
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,24,27,28  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,30,29,31  
 LOalarm(20,80,240,2.8,14.8 MHz): None  
 EIK Faults(# prof affected):  
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,10)



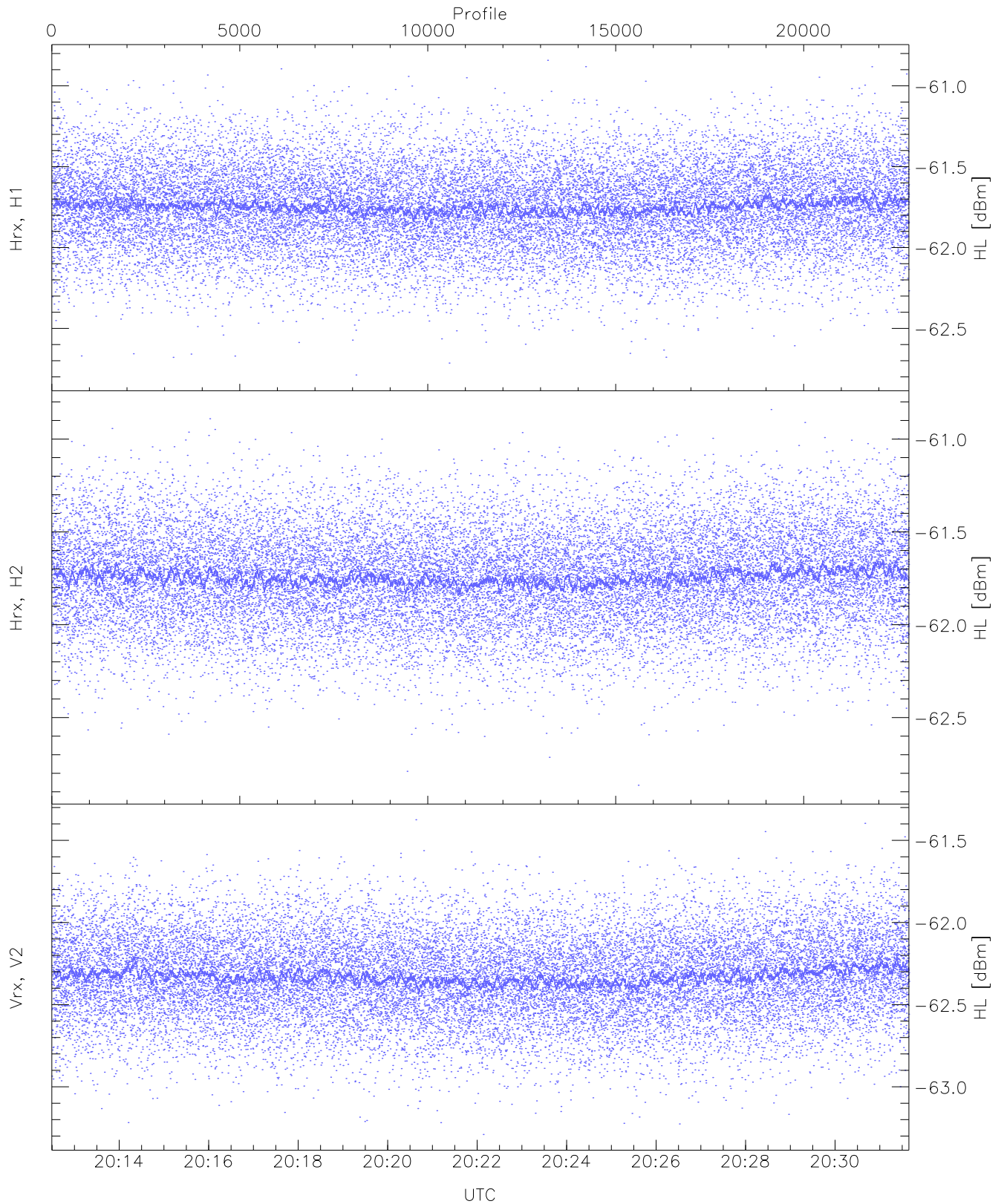
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4205 pixs, 54 gates, 4192 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

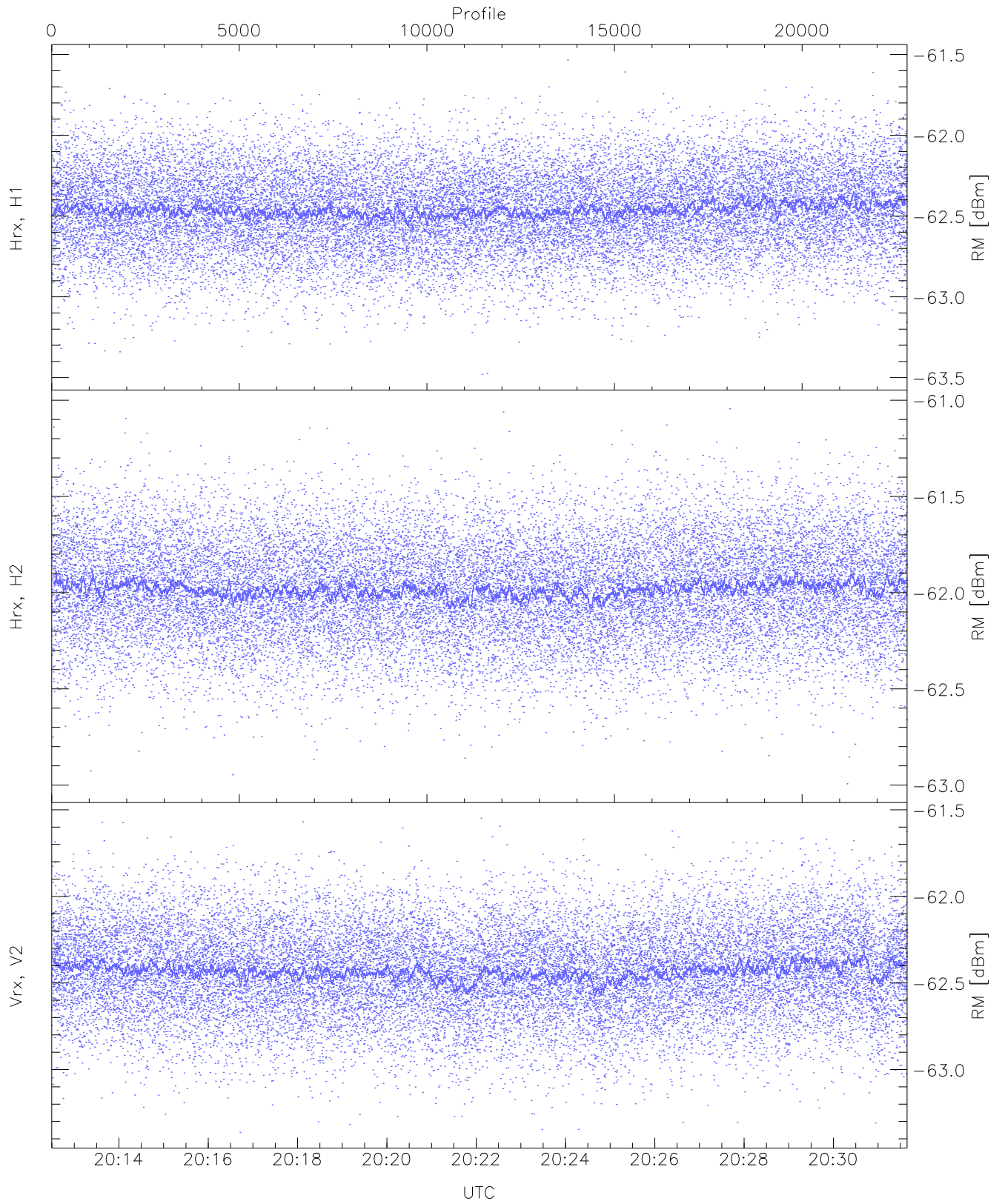
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.87	-60.95	-61.96	-61.97	-74.54
Hrx, H2(WL [dBm])	-63.00	-61.05	-61.96	-61.96	-74.53
Vrx, V2(WL [dBm])	-63.55	-61.50	-62.53	-62.53	-75.10



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

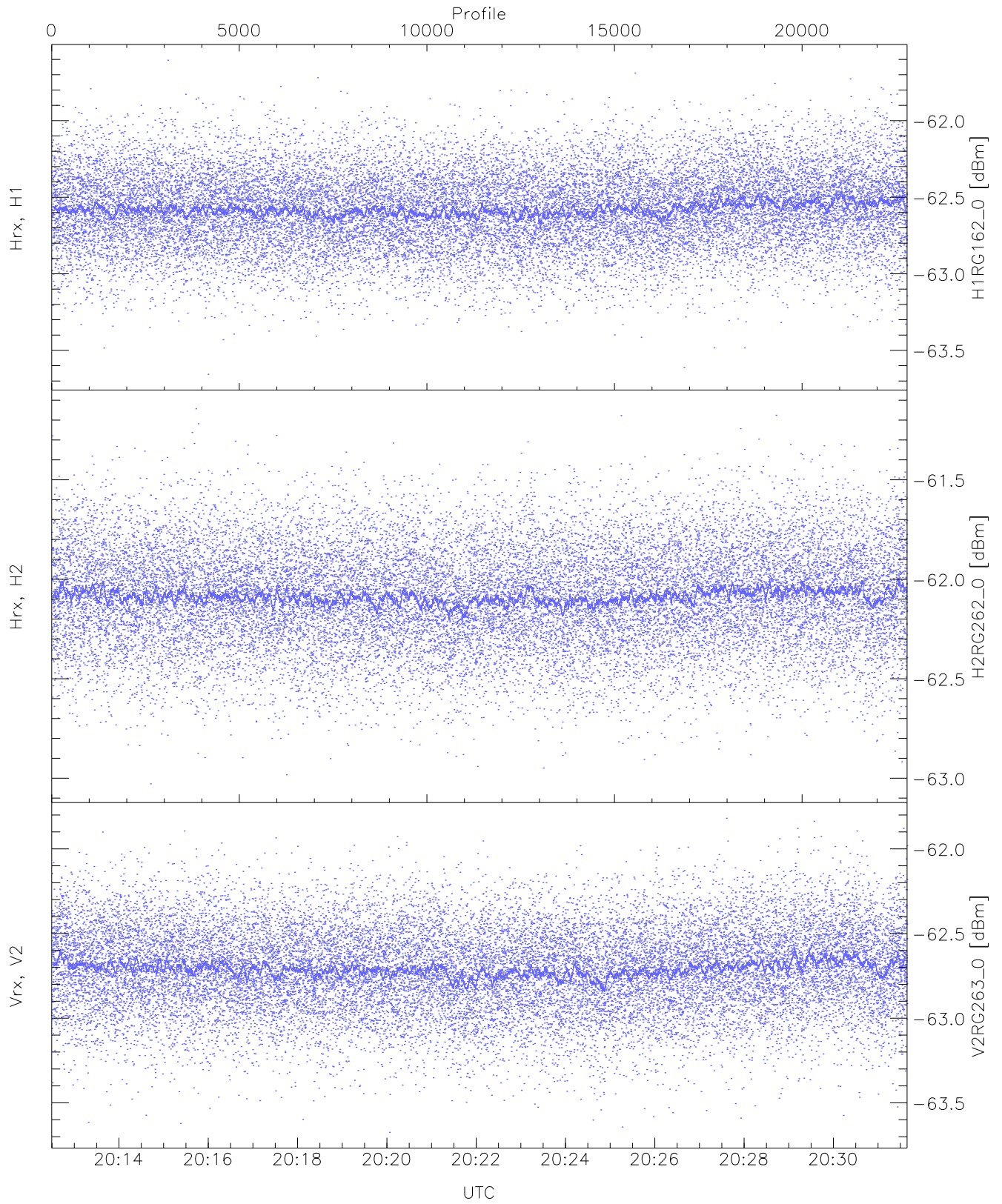
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.79	-60.84	-61.74	-61.75	-74.29
Hrx, H2 (HL [dBm])	-62.86	-60.84	-61.74	-61.75	-74.31
Vrx, V2 (HL [dBm])	-63.29	-61.37	-62.33	-62.33	-74.86





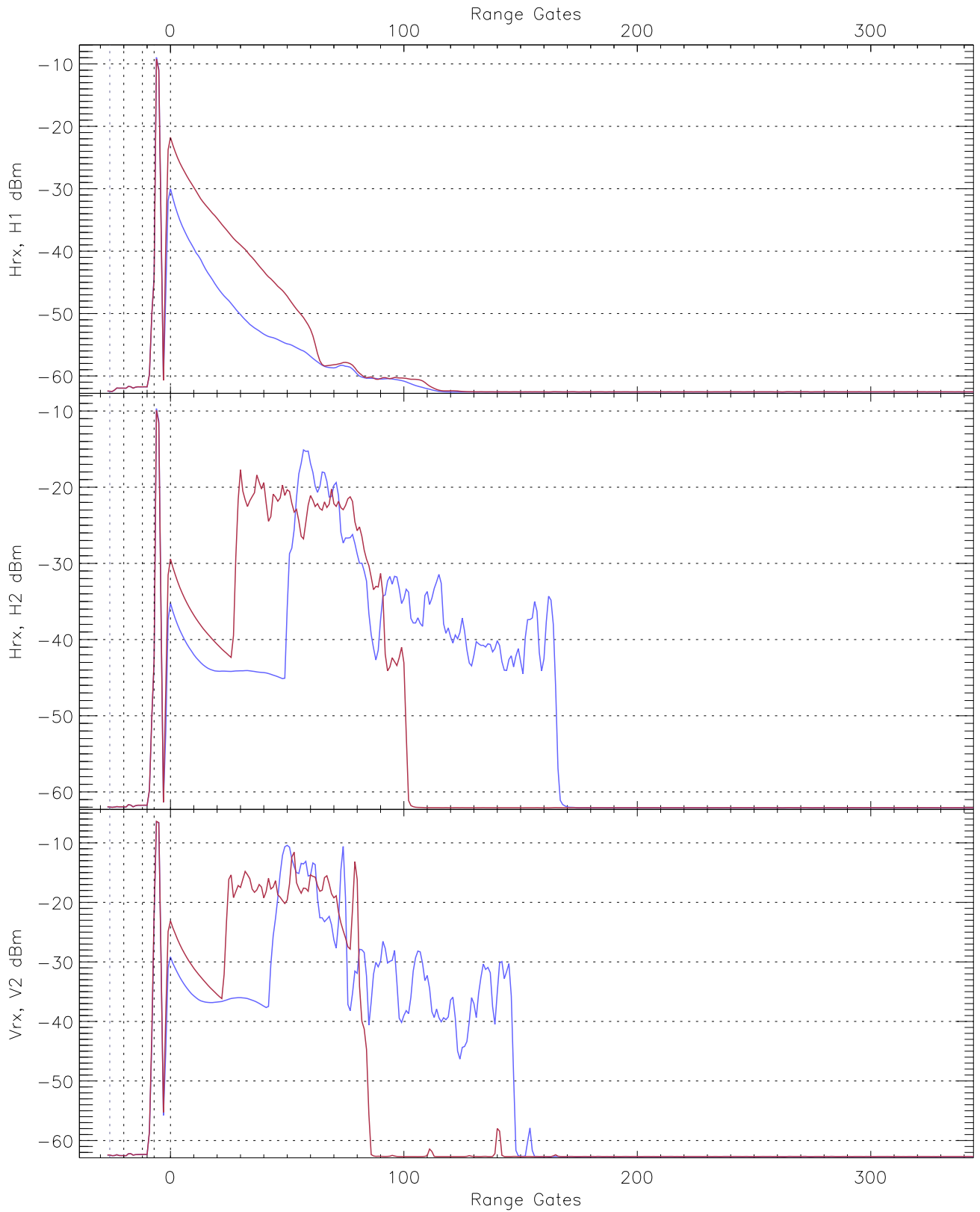
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.48	-61.54	-62.46	-62.46	-75.06
Hrx, H2 (RM [dBm])	-62.99	-61.04	-61.98	-61.98	-74.50
Vrx, V2 (RM [dBm])	-63.36	-61.55	-62.43	-62.44	-74.94



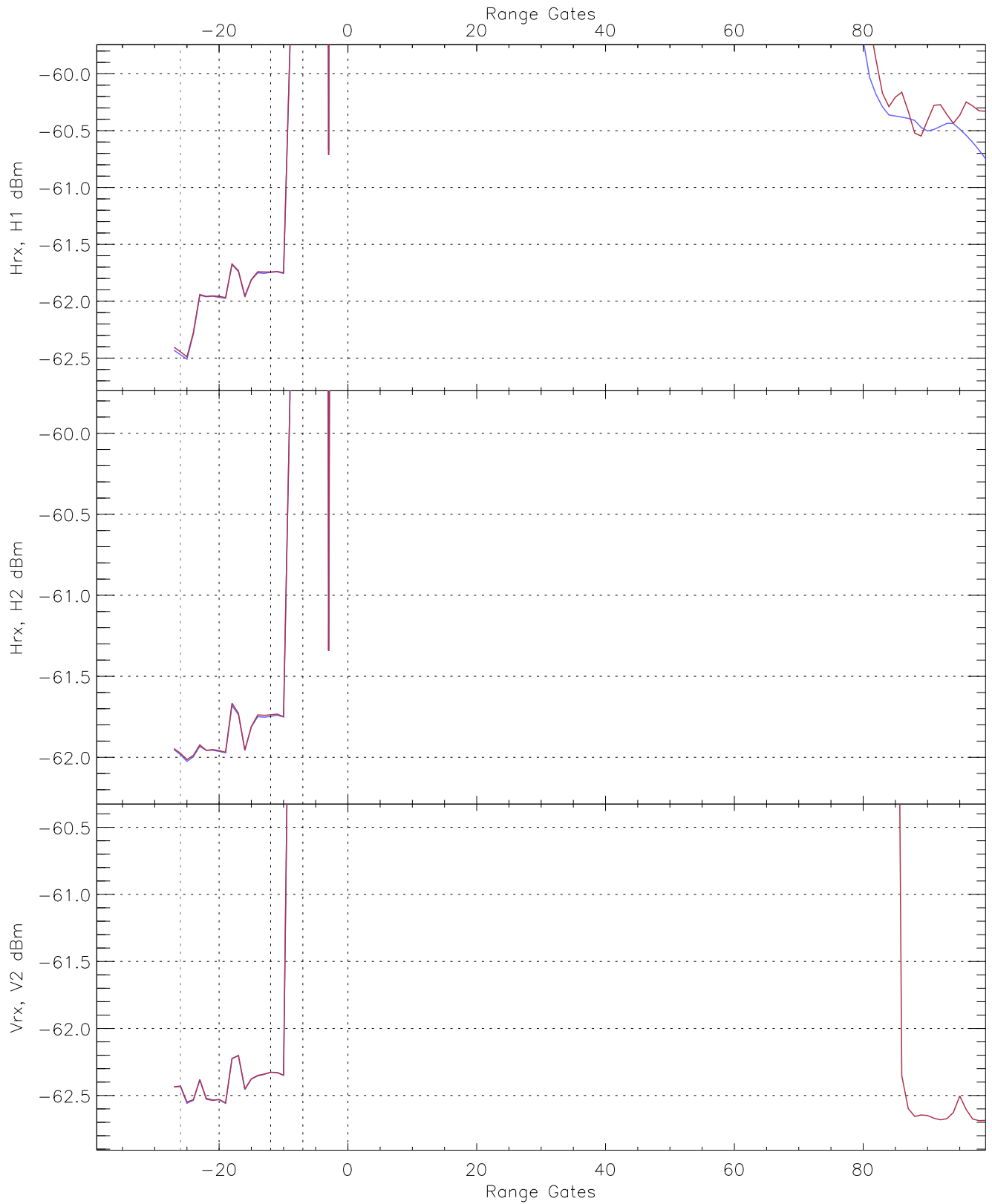
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.66	-61.61	-62.57	-62.58	-75.11
H2RG262_0 [dBm]	-63.03	-61.14	-62.08	-62.09	-74.64
V2RG263_0 [dBm]	-63.67	-61.82	-62.71	-62.71	-75.22

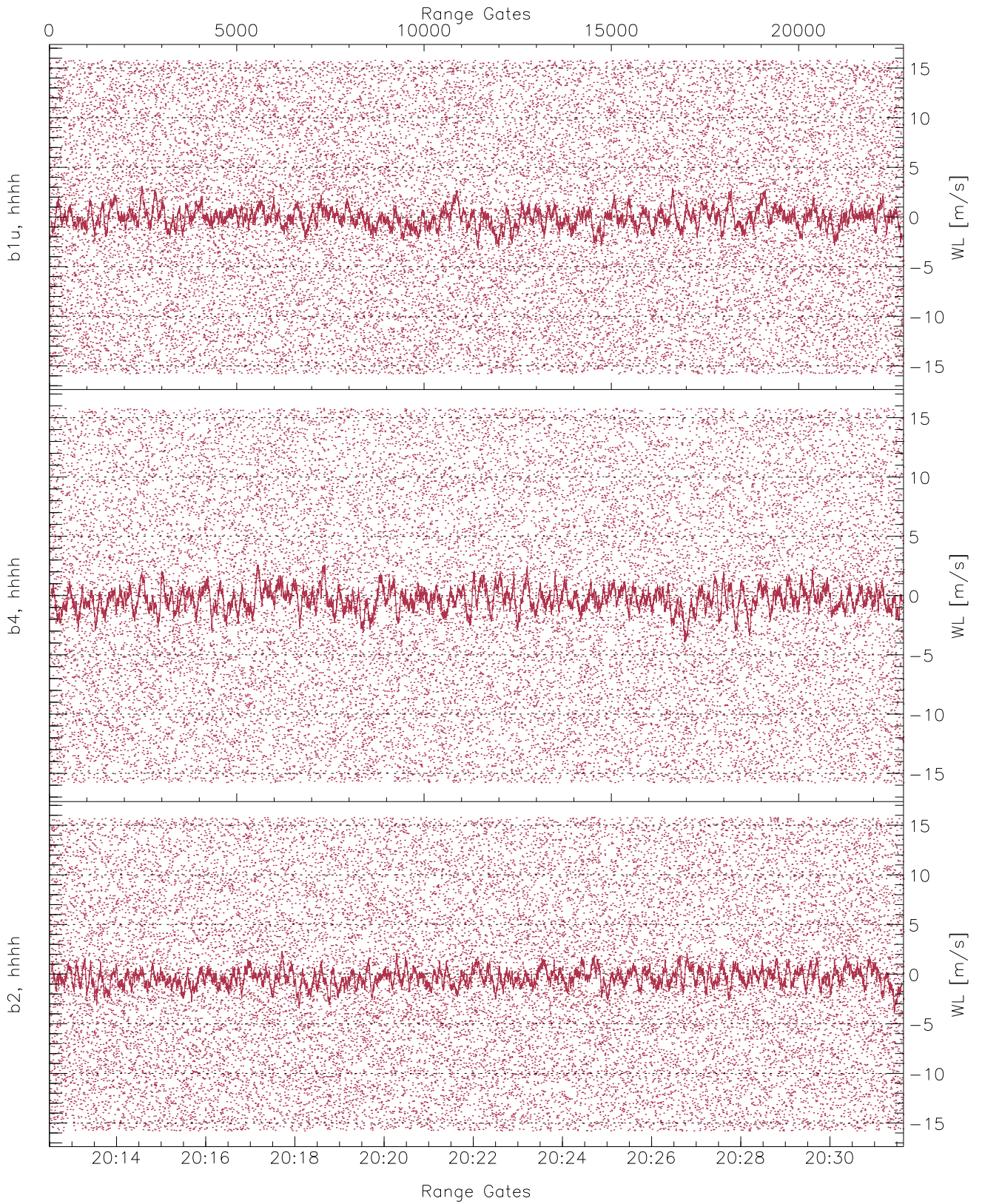


WCR2 CPP Averaged Received power for all recorded gates  
blue: 201230-202204, 11401 profiles averaged  
red: 202204-203139, 11400 profiles averaged

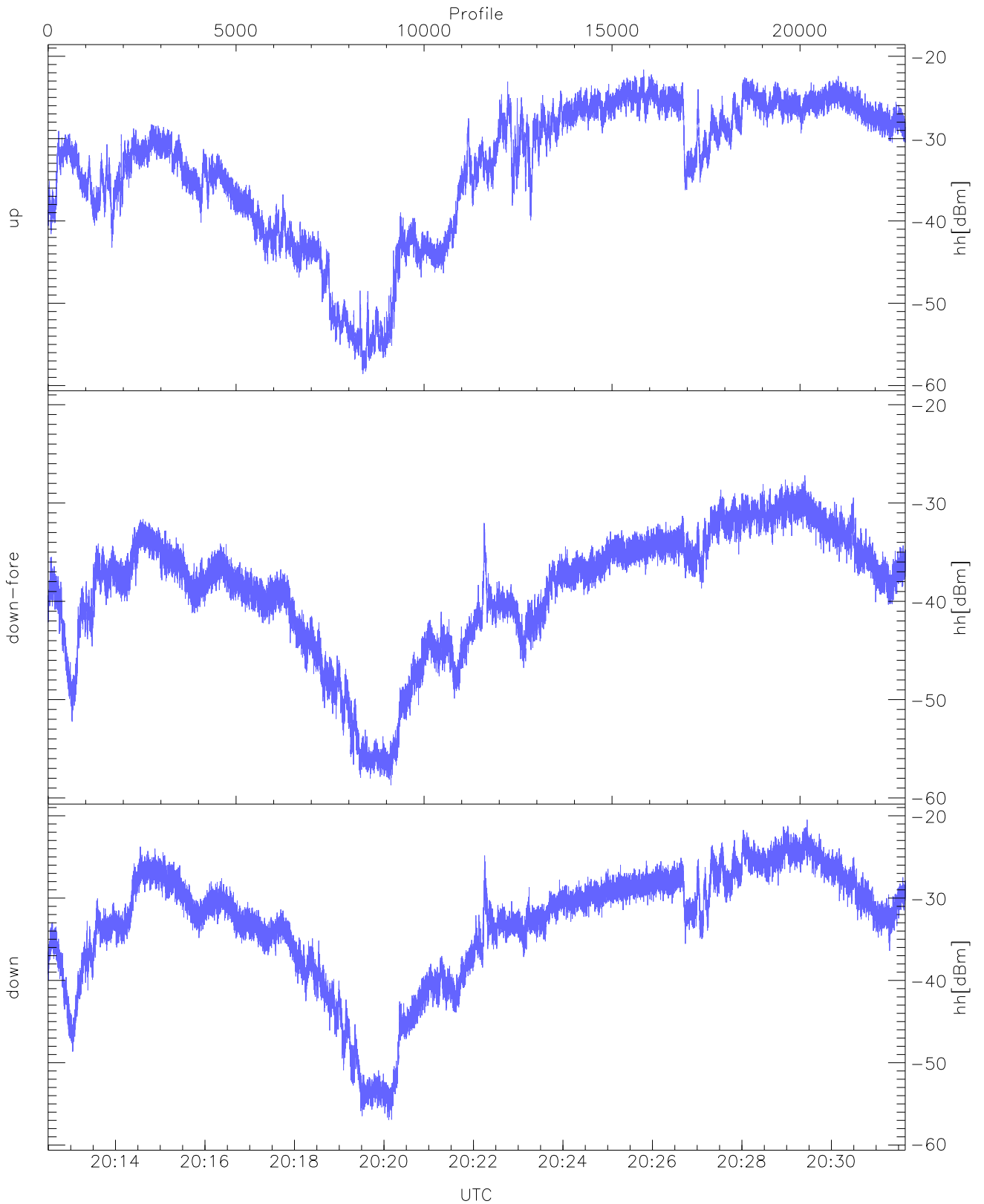




WCR2 CPP Averaged Received power for the negative gates and up to 100 gate  
blue: 201230-202204, 11401 profiles averaged  
red: 202204-203139, 11400 profiles averaged

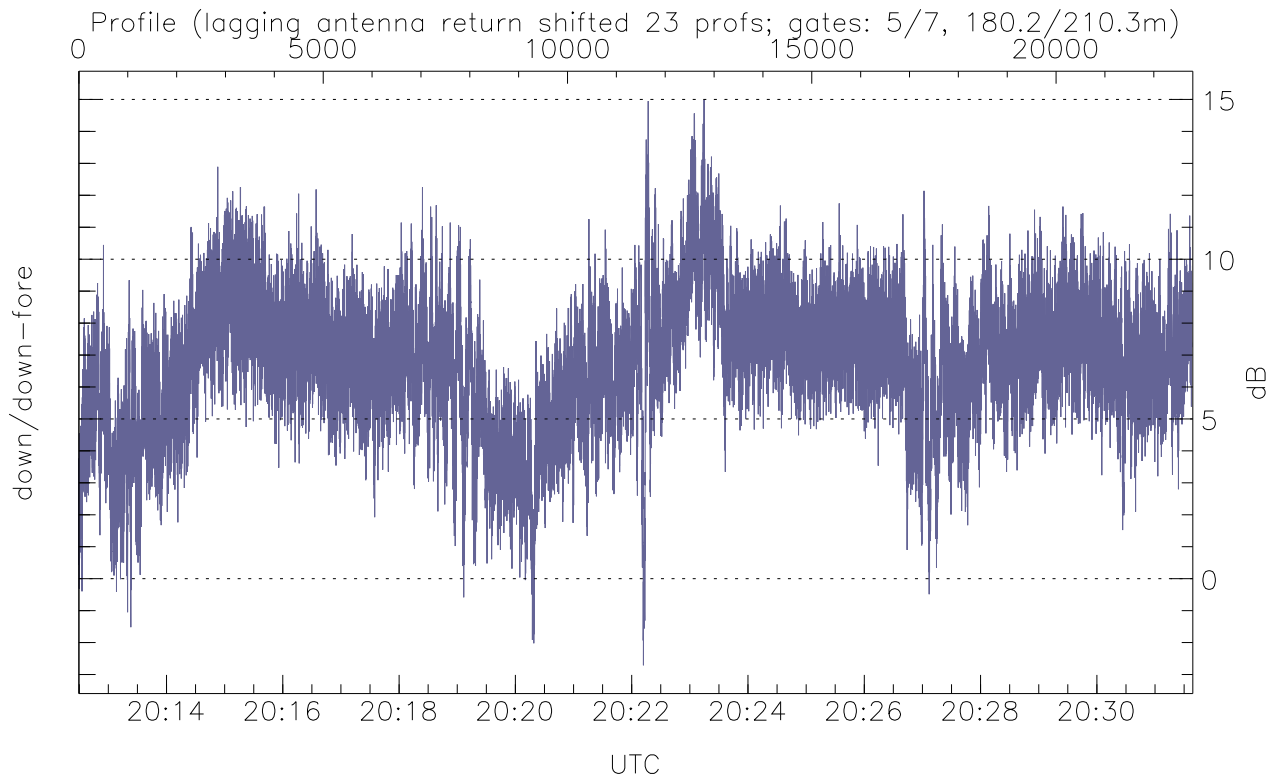
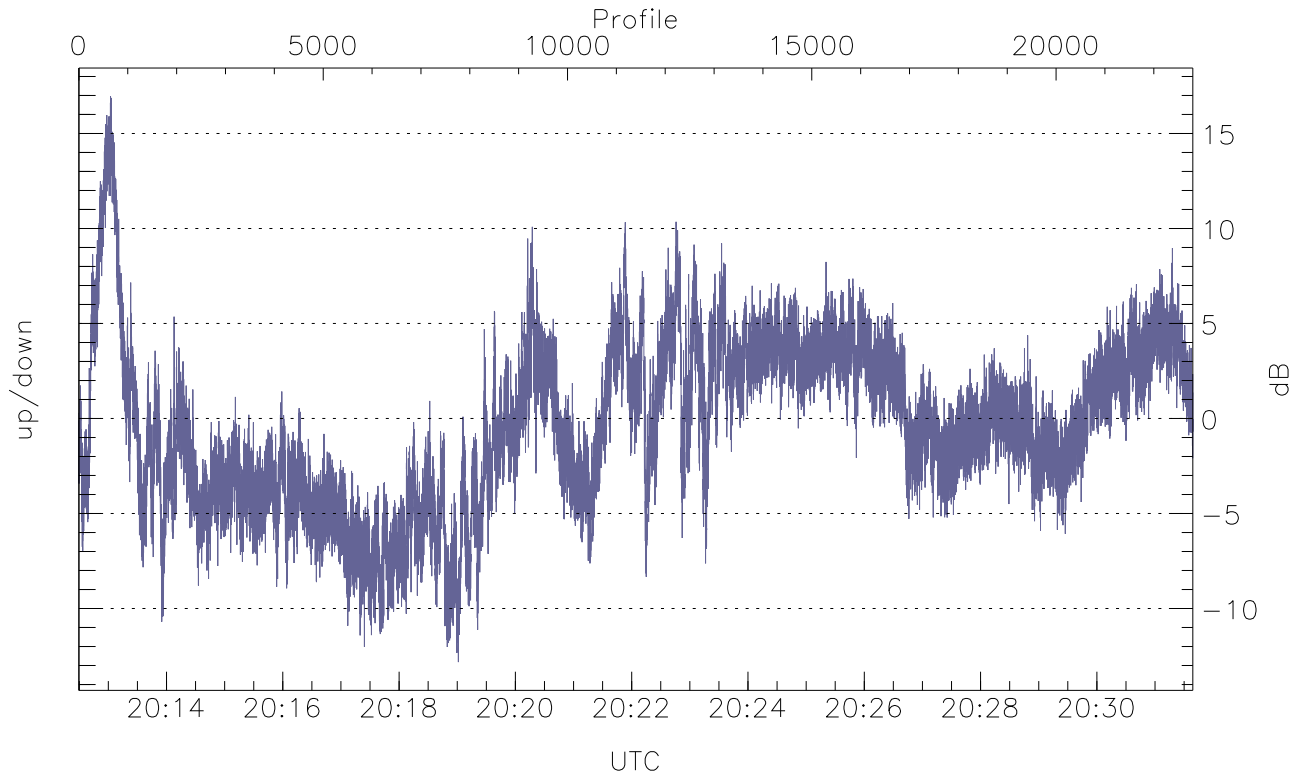


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



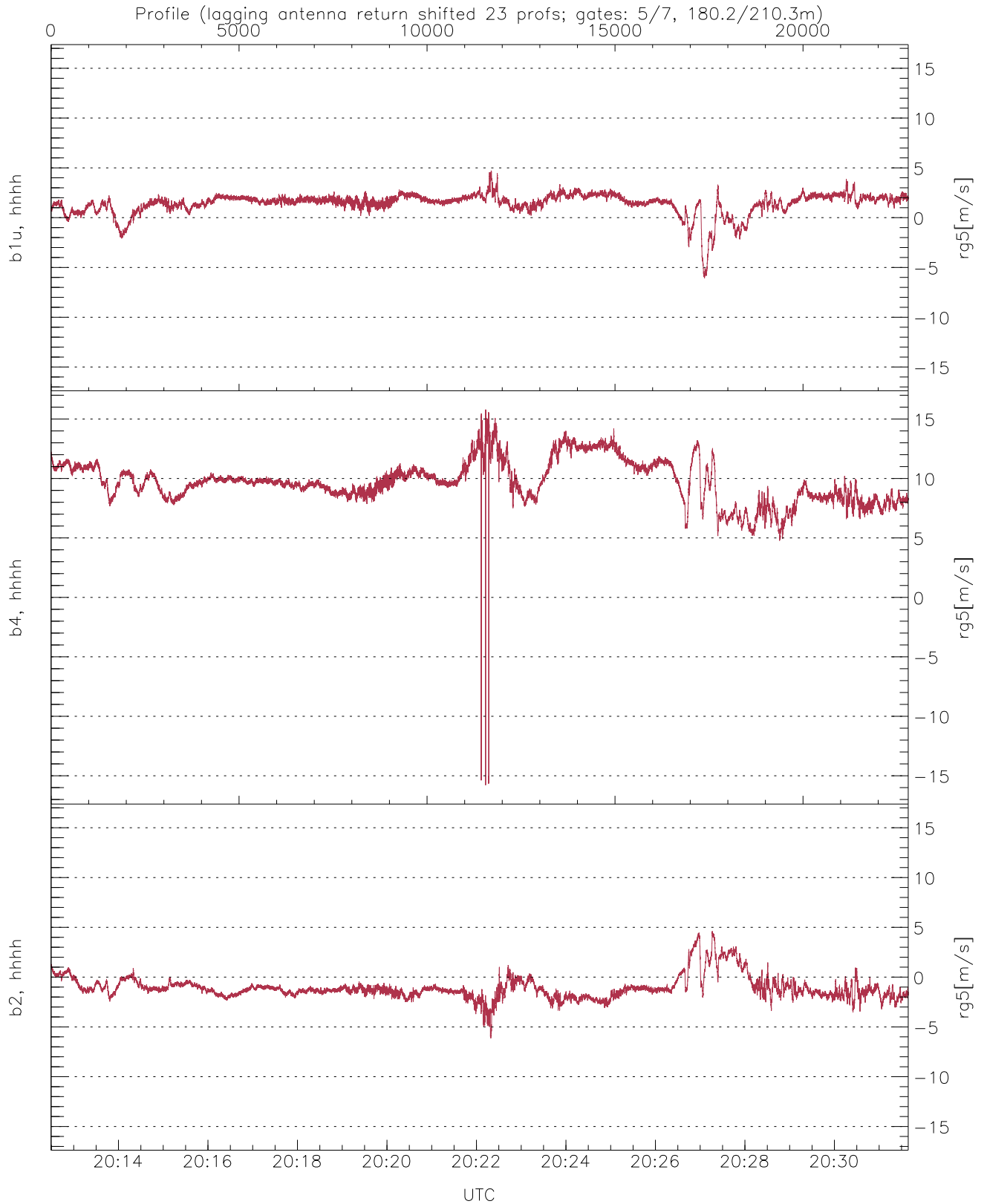
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-58.57	-21.62	-29.11
down-fore(hh[dBm])	-58.71	-27.19	-35.81
down(hh[dBm])	-56.94	-20.49	-29.75



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

	Min	Max	Mean
up/down (dB)	-12.82	16.96	-0.32
down/down-fore (dB)	-2.71	15.00	6.79



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-6.10	4.72	1.42	1.07
b4, hhhh(rg5[m/s])	-15.79	15.80	9.70	1.86
b2, hhhh(rg5[m/s])	-6.14	4.62	-1.09	1.16