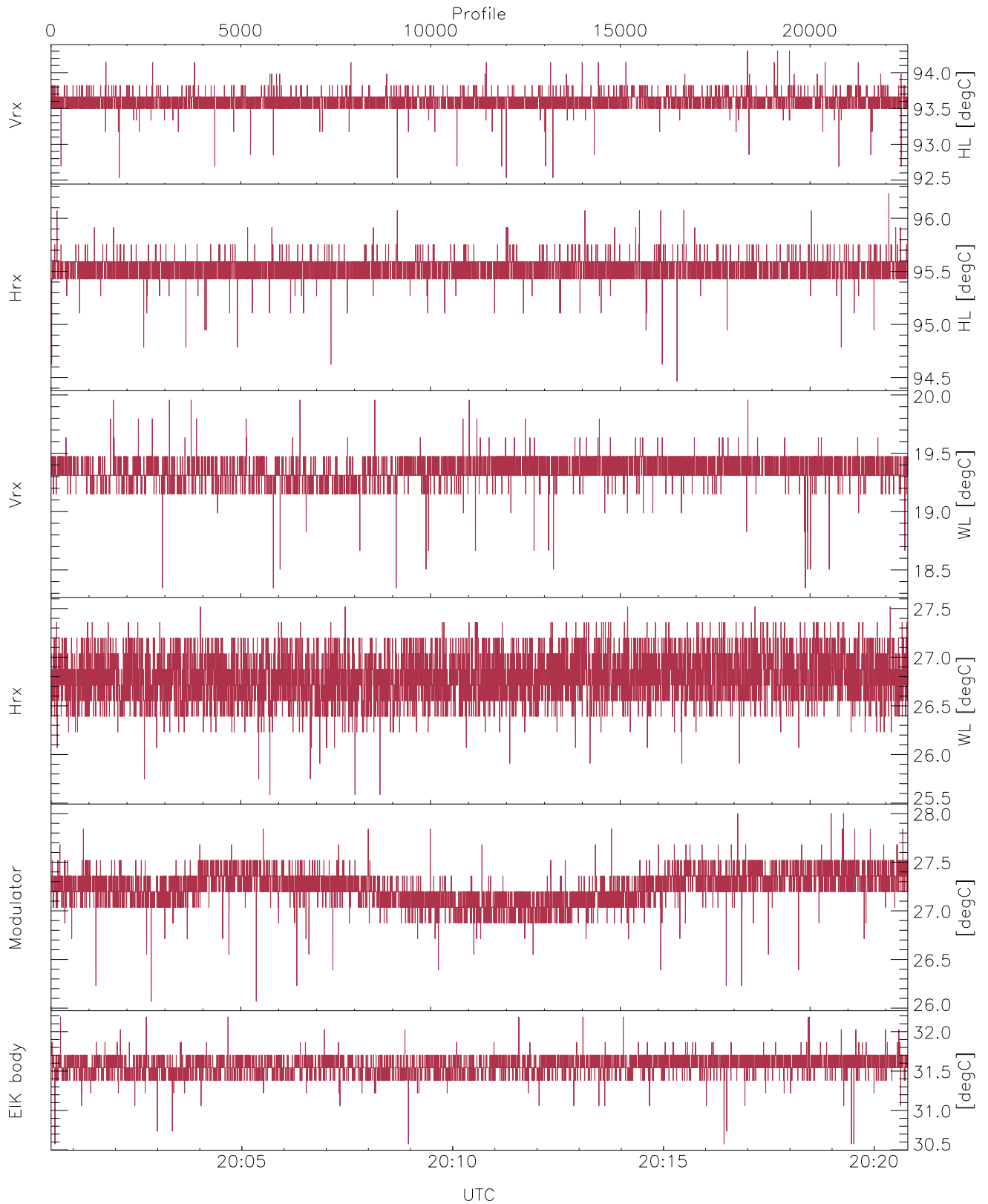


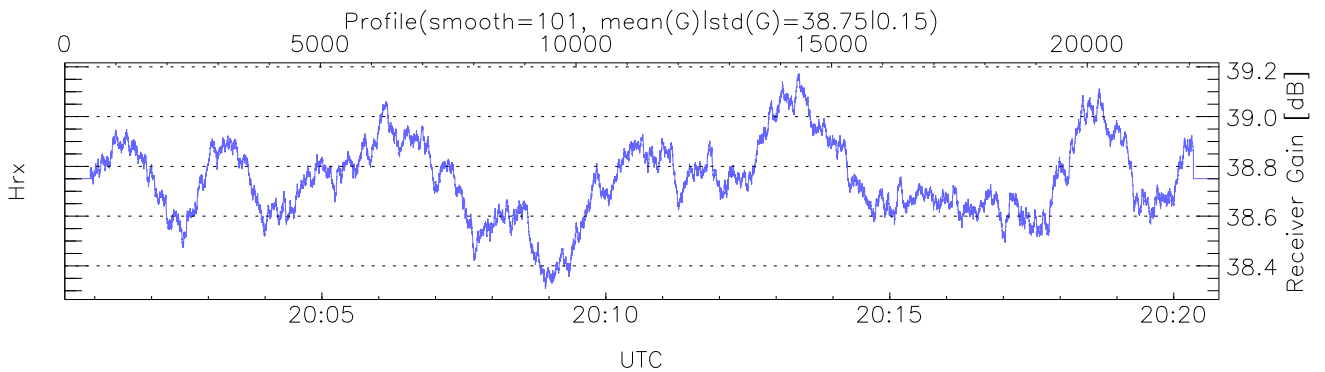
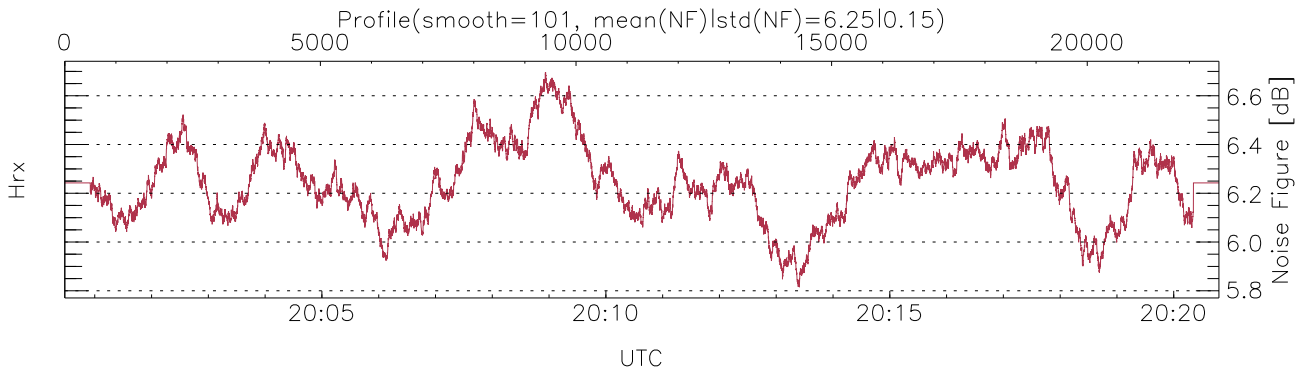
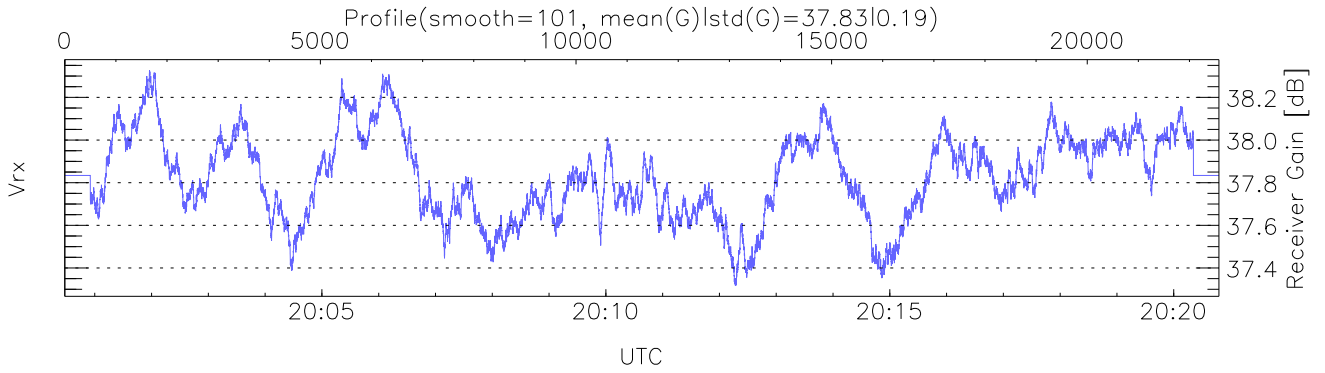
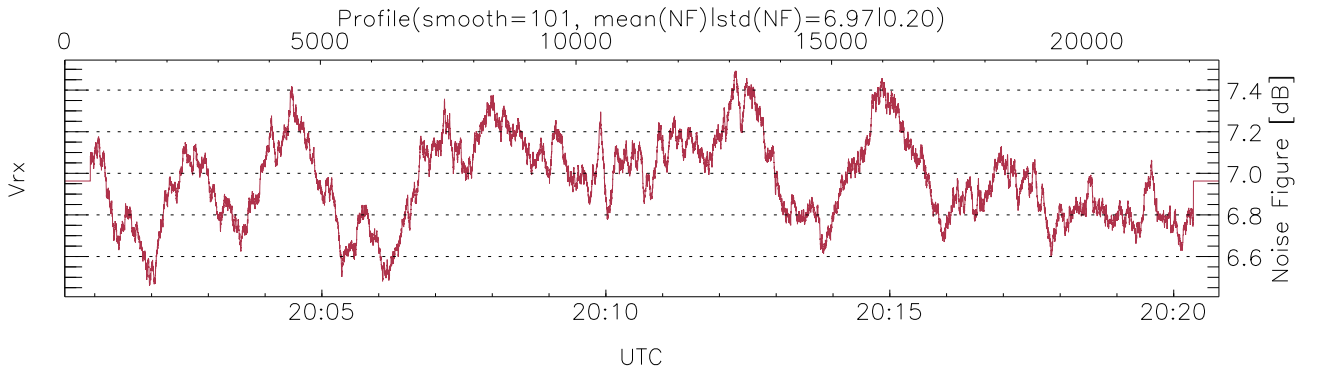
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:00:28-20:20:48, Dur: 1219.46s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 22578/22578, 0-22577/20:00:28-20:20:48
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, 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): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



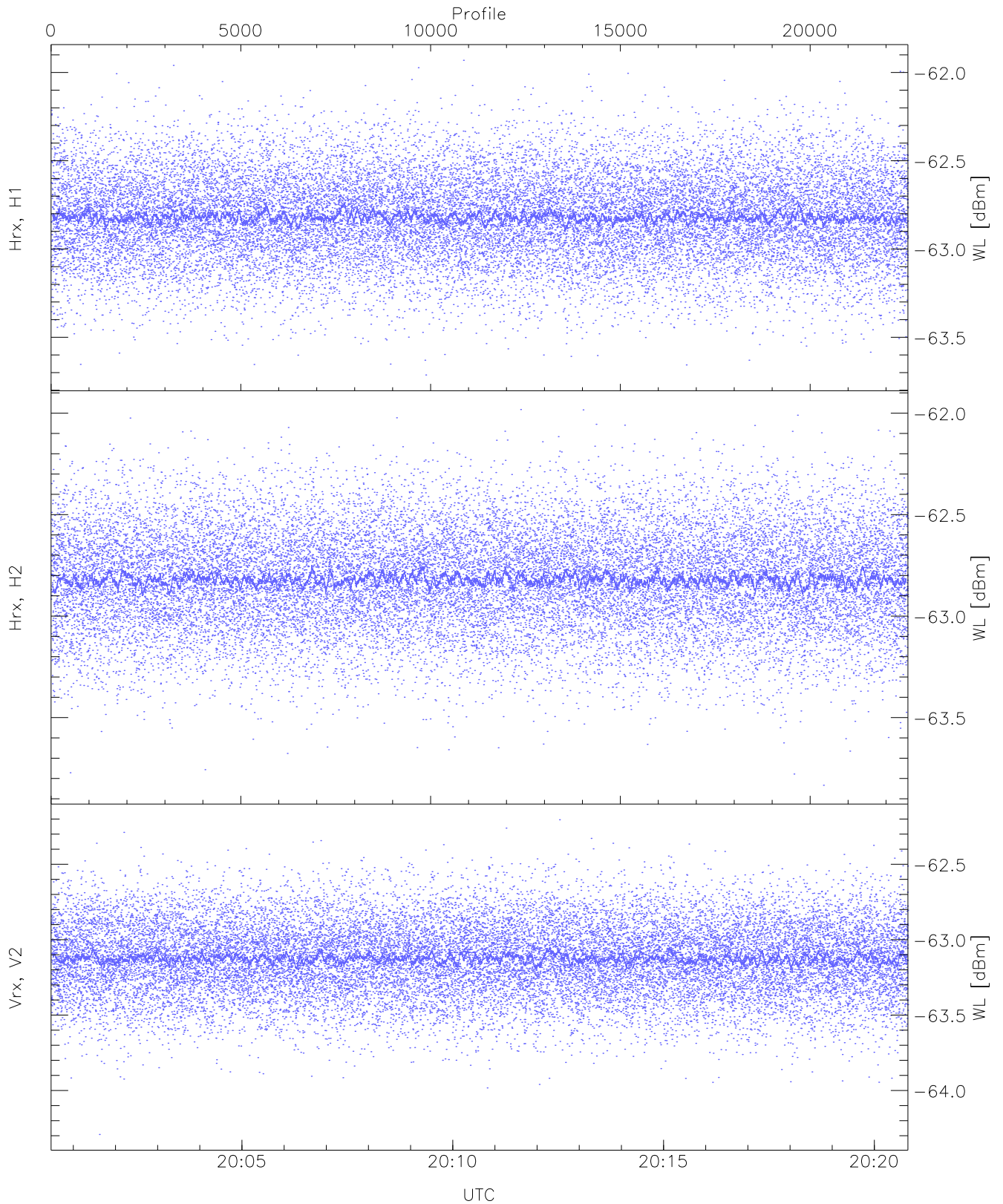
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,26,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,19,27,28,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,ColIT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,19,15,20)



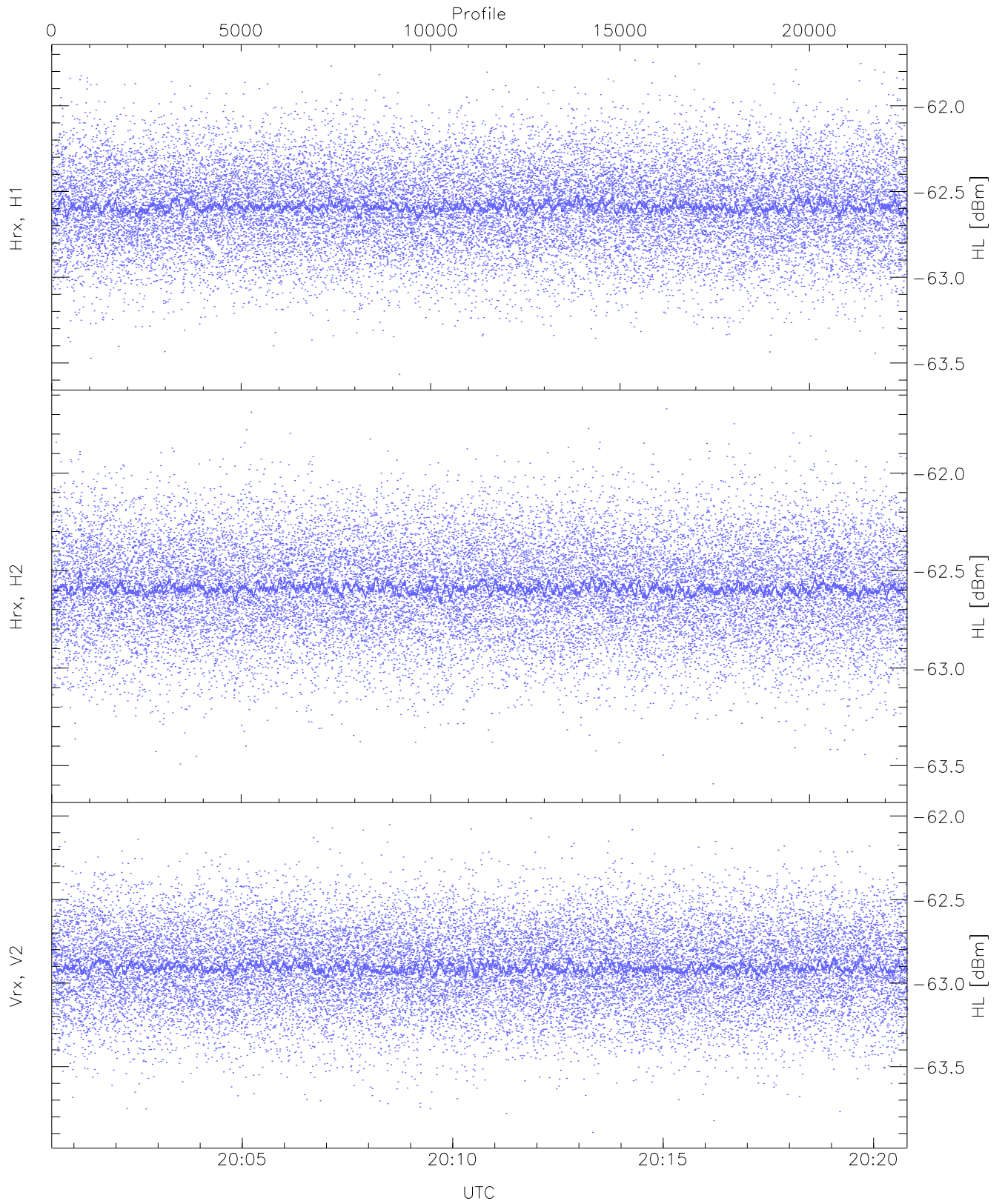
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 9419 pixs, 76 gates, 7872 profs, 2 prods



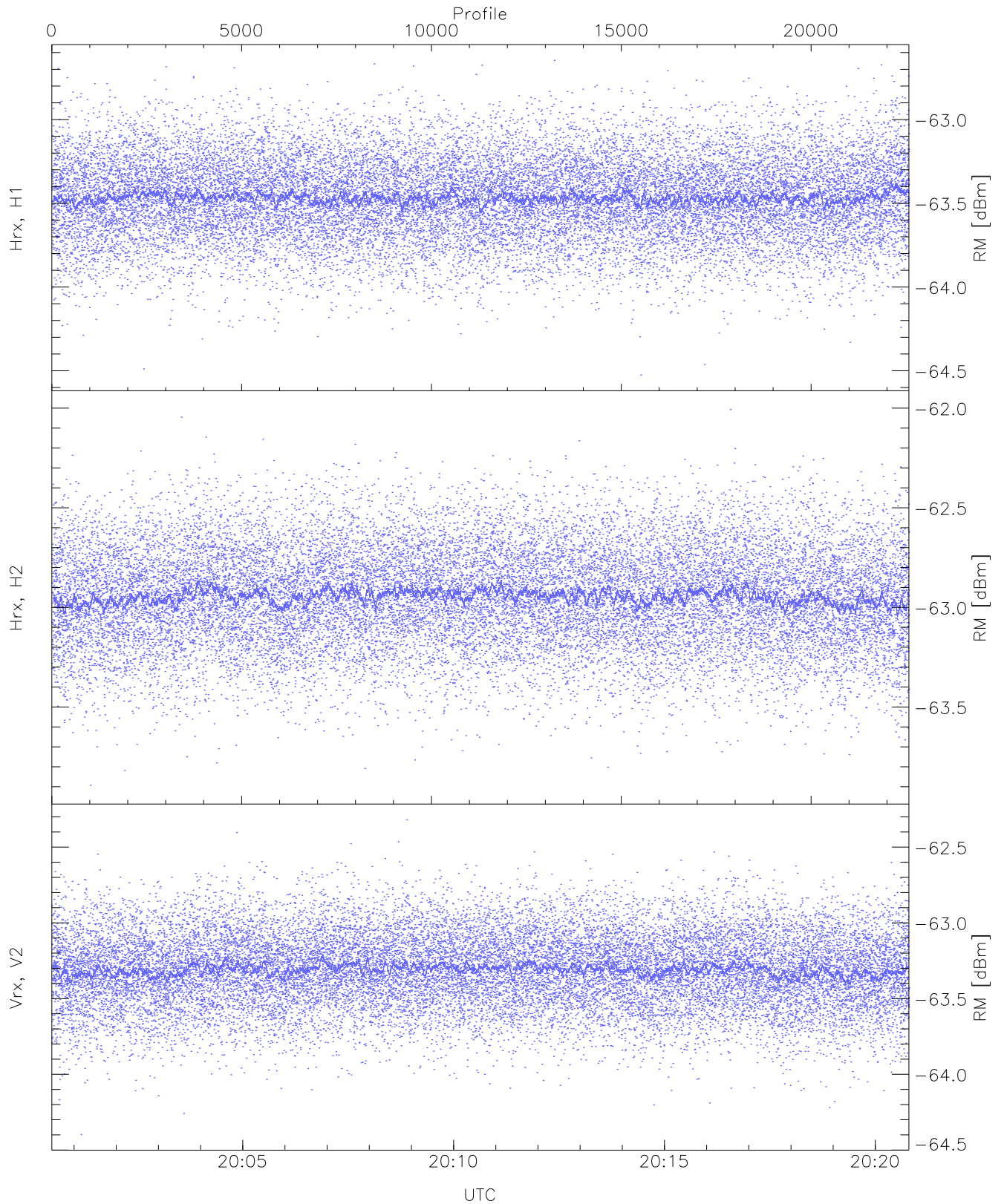
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.71	-61.93	-62.82	-62.82	-75.52
Hrx, H2 (WL [dBm])	-63.83	-61.98	-62.82	-62.82	-75.54
Vrx, V2 (WL [dBm])	-64.29	-62.20	-63.12	-63.12	-75.86



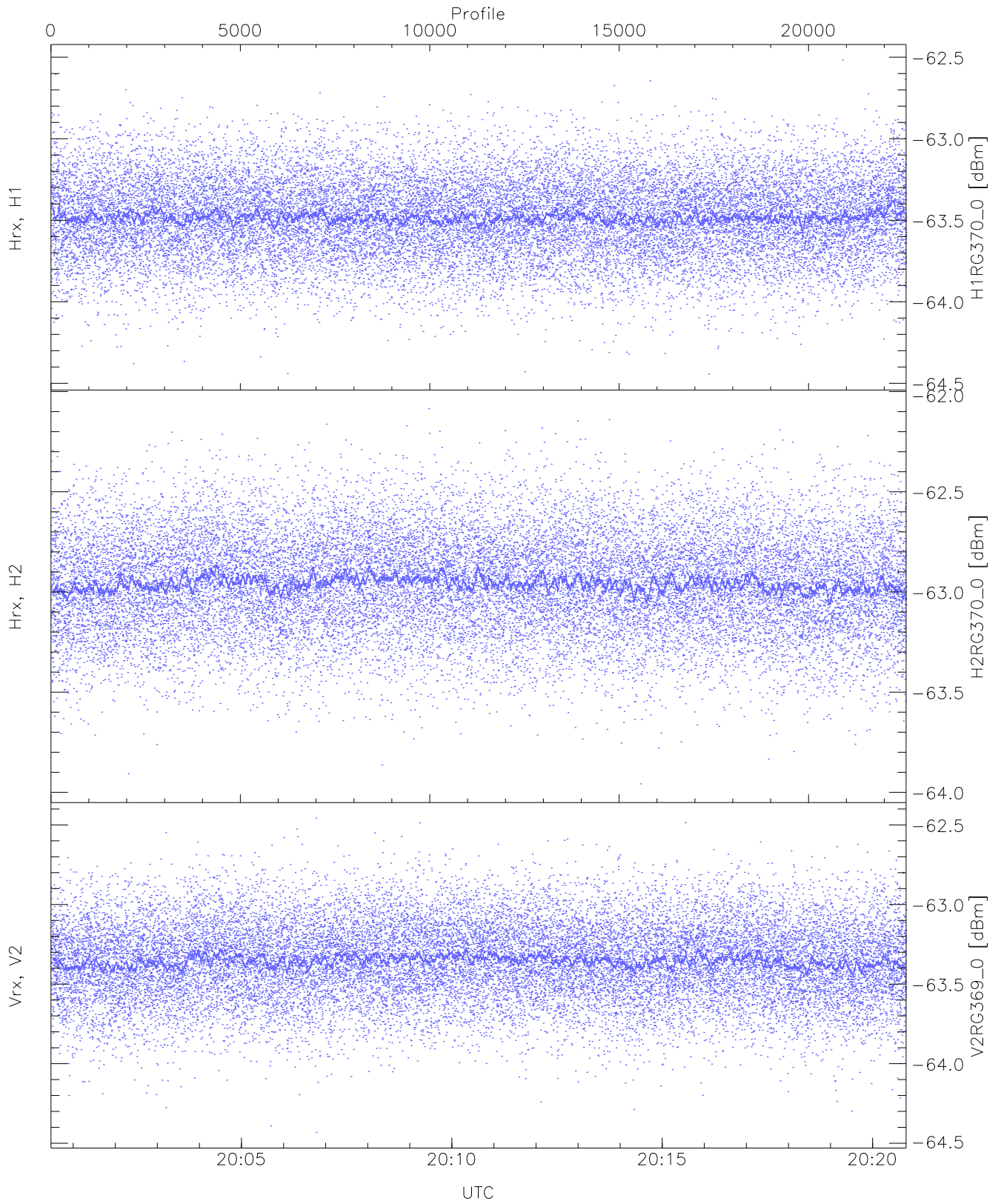
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.57	-61.73	-62.58	-62.59	-75.29
Hrx, H2 (HL [dBm])	-63.59	-61.67	-62.59	-62.59	-75.31
Vrx, V2 (HL [dBm])	-63.89	-62.01	-62.90	-62.91	-75.62



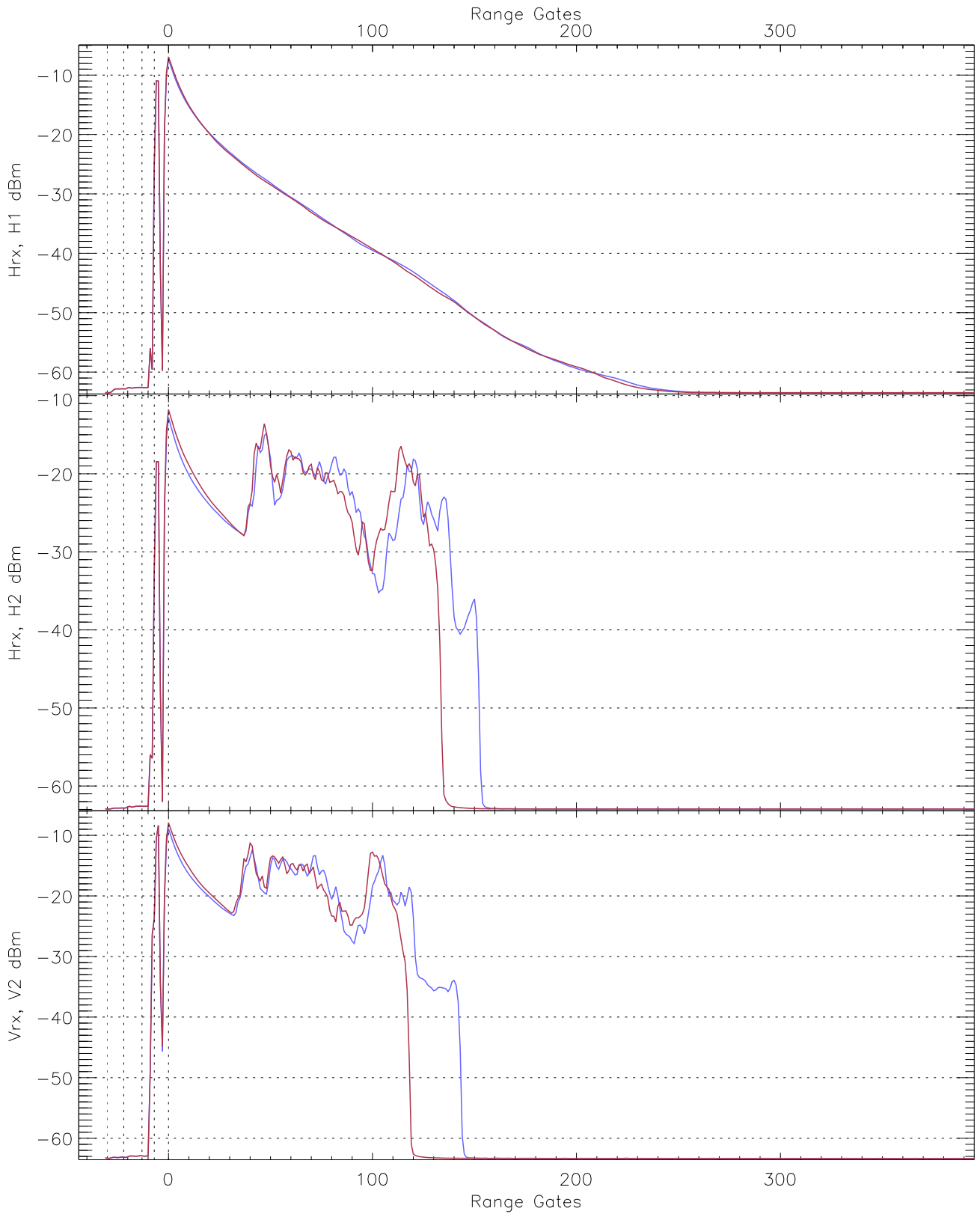
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.53	-62.65	-63.47	-63.47	-76.18
Hrx, H2(RM [dBm])	-63.89	-62.01	-62.94	-62.95	-75.60
Vrx, V2(RM [dBm])	-64.40	-62.32	-63.31	-63.31	-76.00

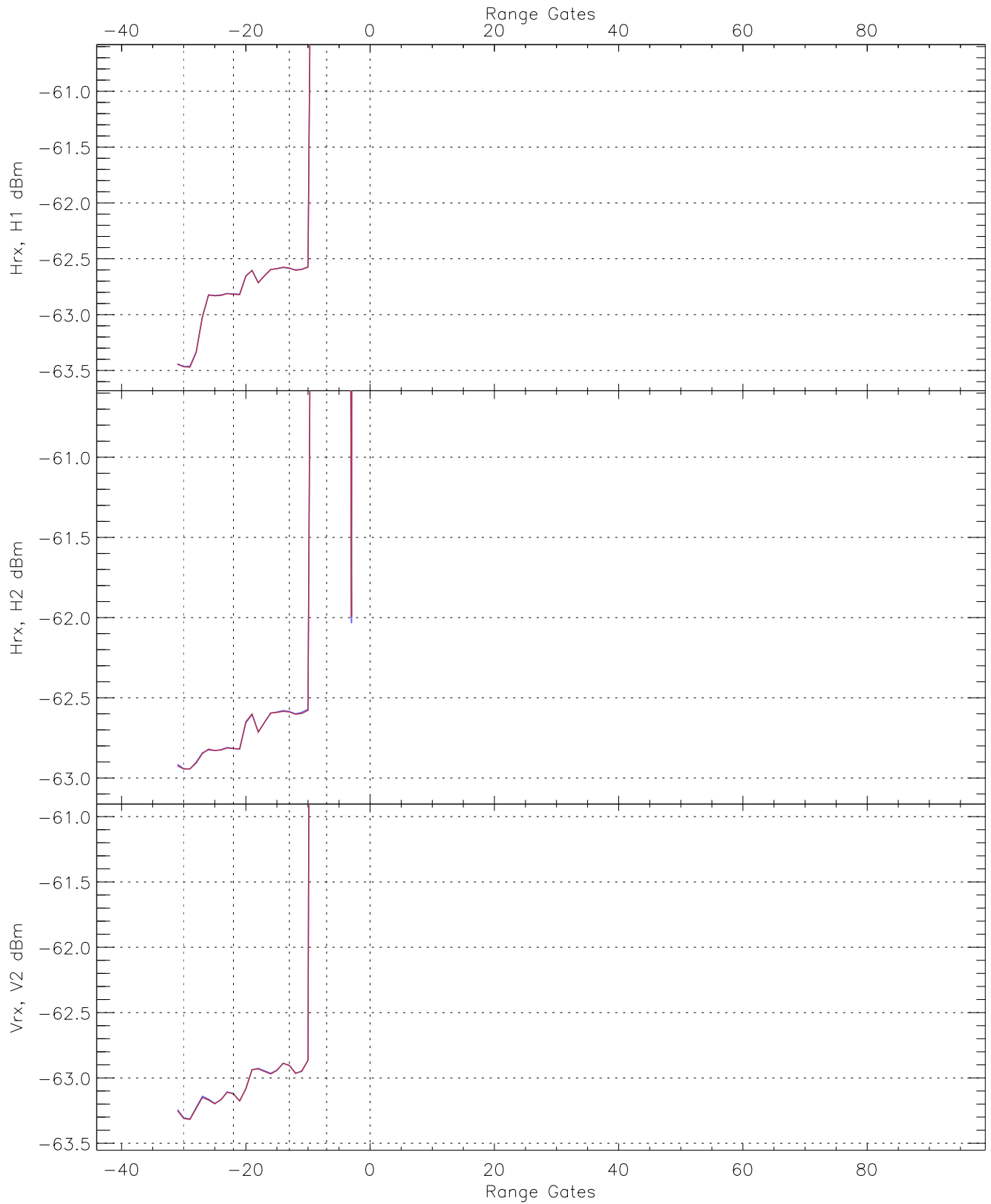


WCR2 CPP "Best" estimate Receivers Noise Power

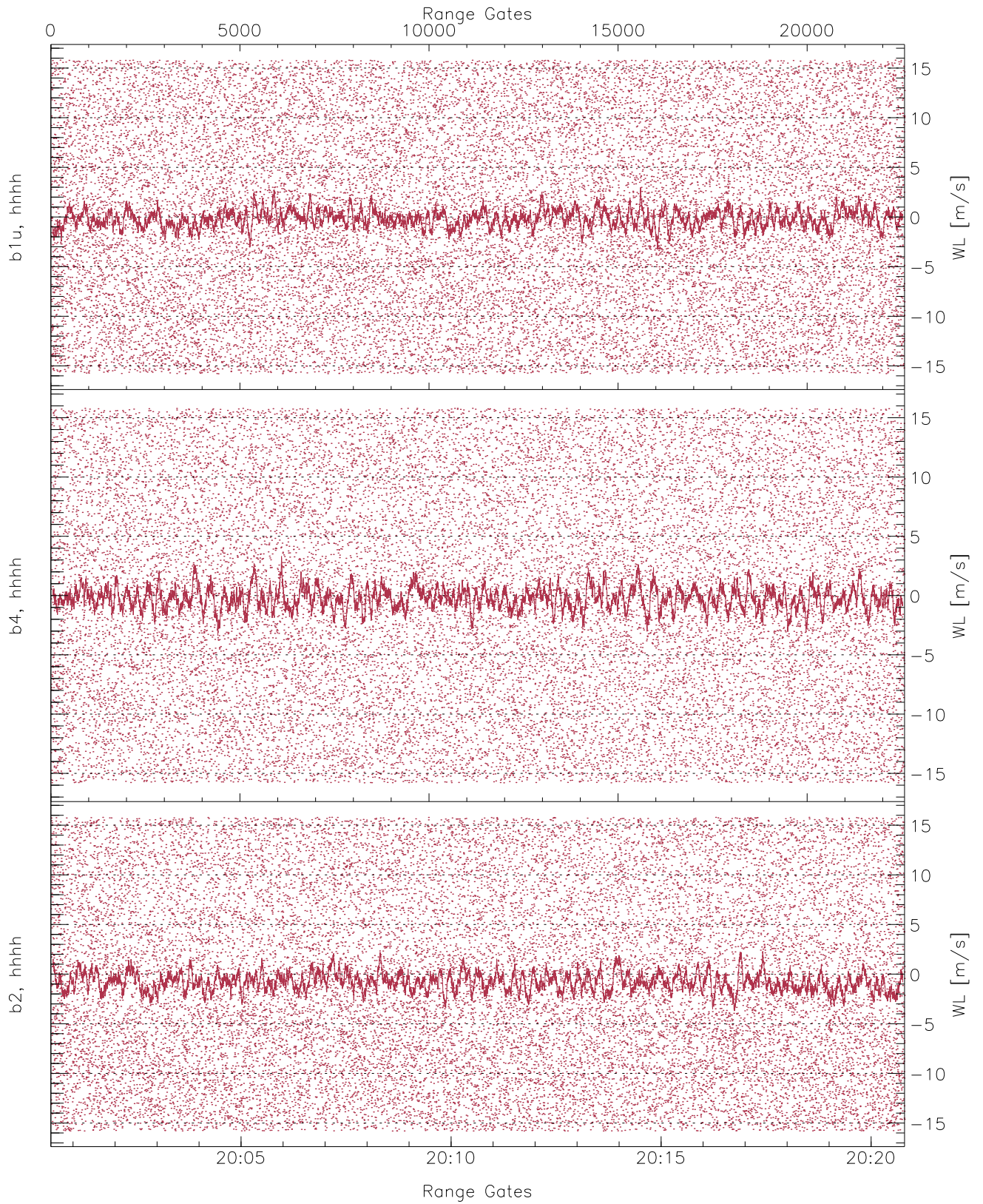
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.44	-62.52	-63.48	-63.48	-76.19
H2RG370_0 [dBm]	-63.96	-62.09	-62.96	-62.96	-75.65
V2RG369_0 [dBm]	-64.43	-62.46	-63.35	-63.35	-76.01



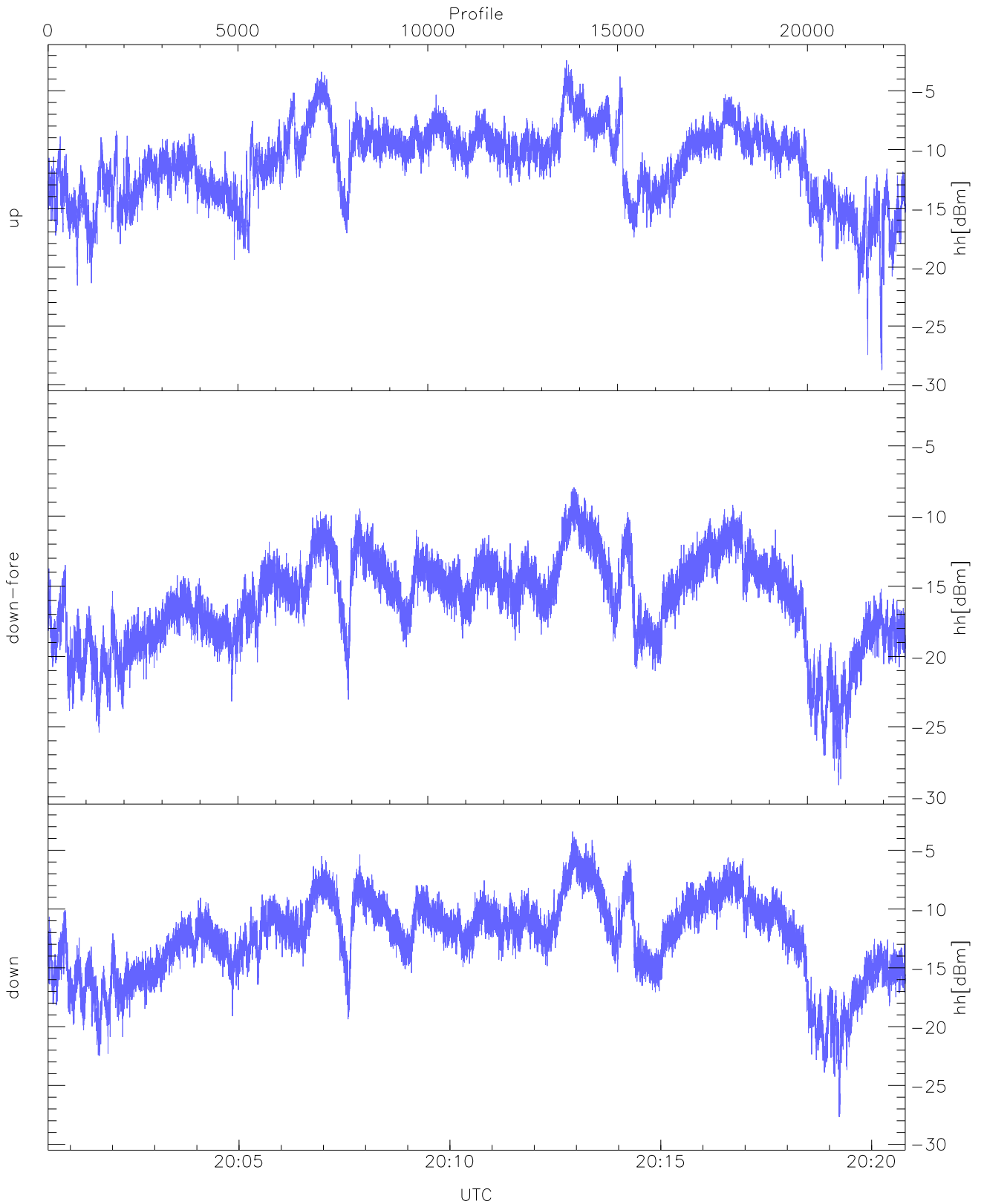
WCR2 CPP Averaged Received power for all recorded gates
blue: 200028-201038, 11290 profiles averaged
red: 201038-202048, 11289 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 200028-201038, 11290 profiles averaged
red: 201038-202048, 11289 profiles averaged

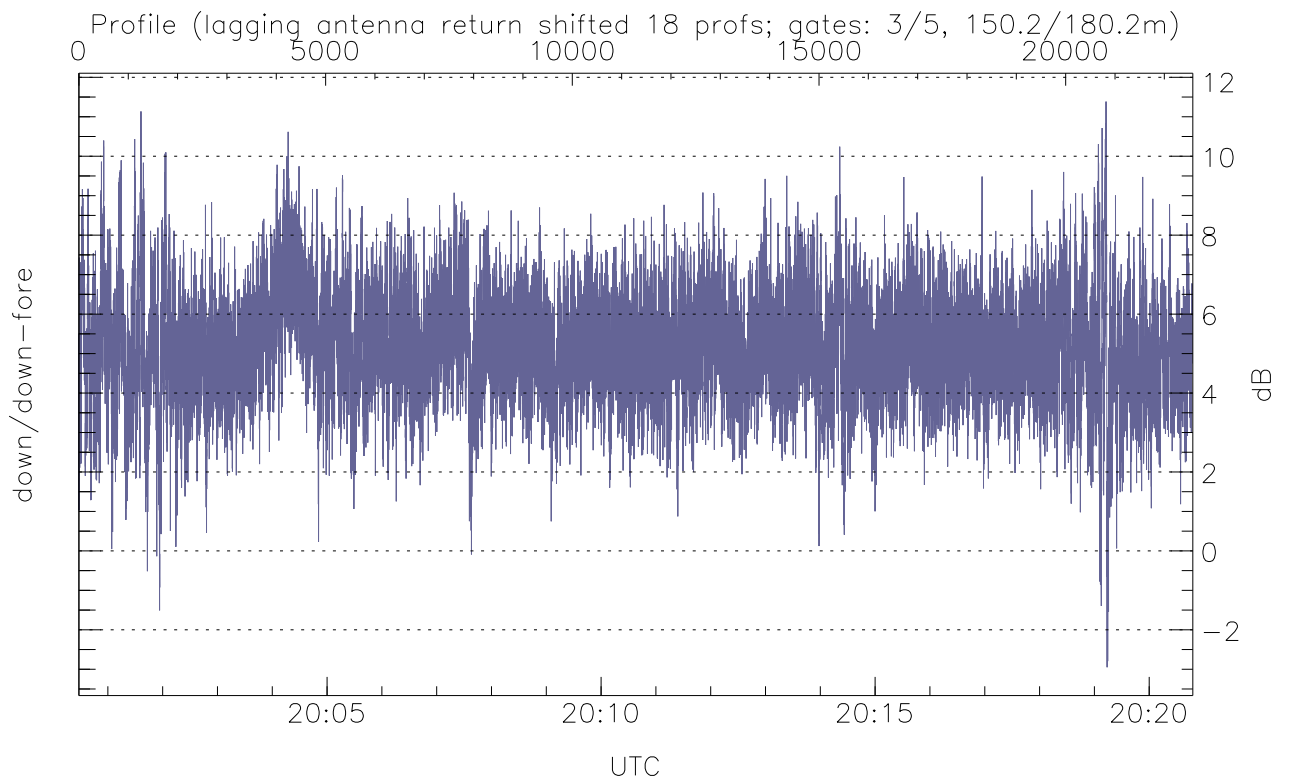
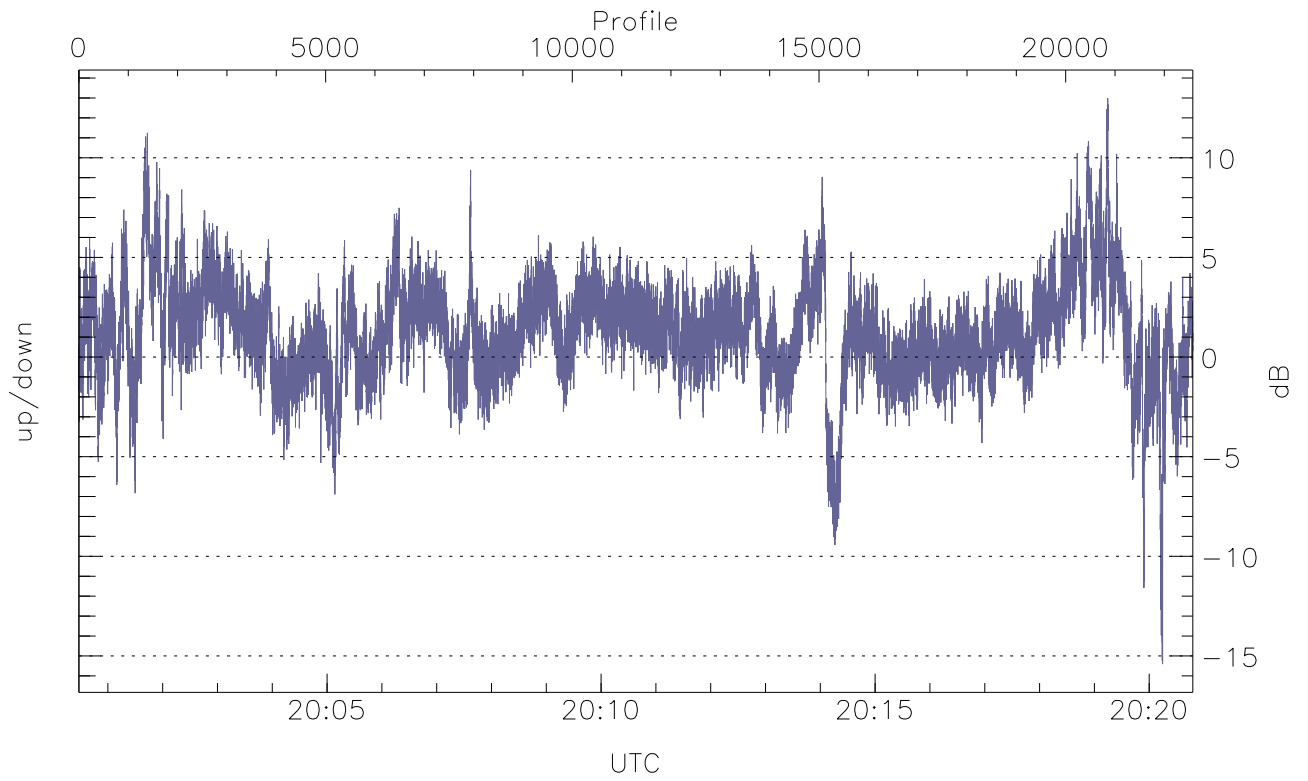


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



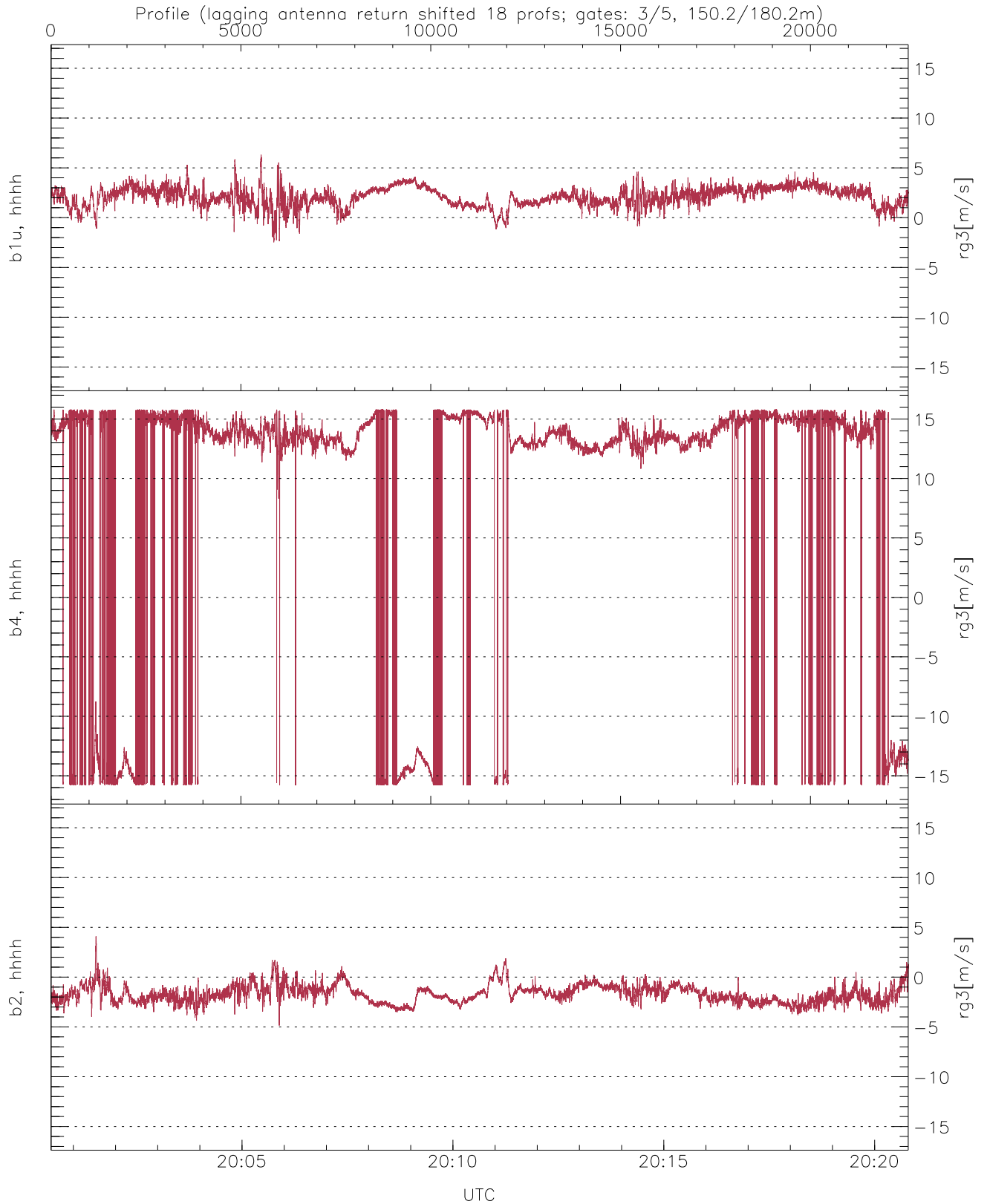
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-28.74	-2.41	-10.12
down-fore(hh[dBm])	-29.17	-7.95	-14.96
down(hh[dBm])	-27.70	-3.42	-11.27



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-15.41	12.98	1.23
down/down-fore (dB)	-2.95	11.39	5.19



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-2.47	6.31	2.08	0.98
b4, hhhh(rg3[m/s])	-15.80	15.80	9.18	10.90
b2, hhhh(rg3[m/s])	-4.87	4.09	-1.68	0.90