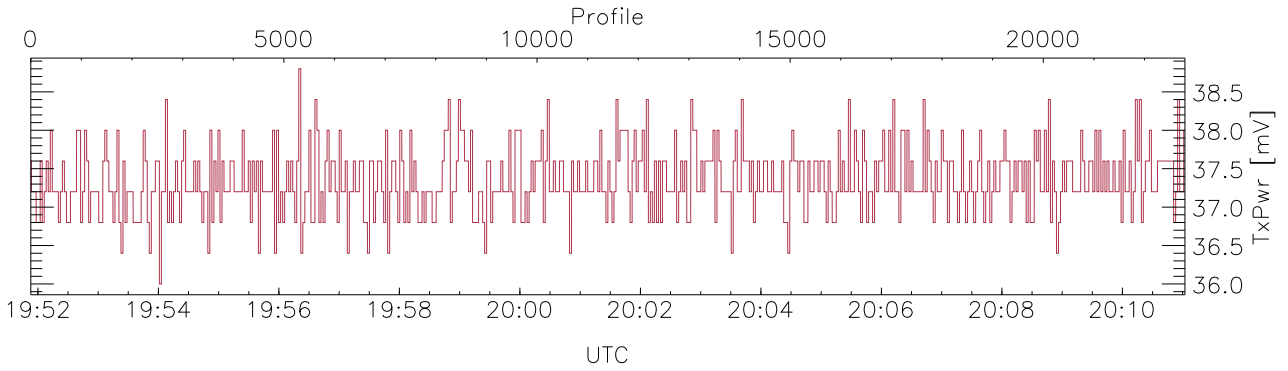
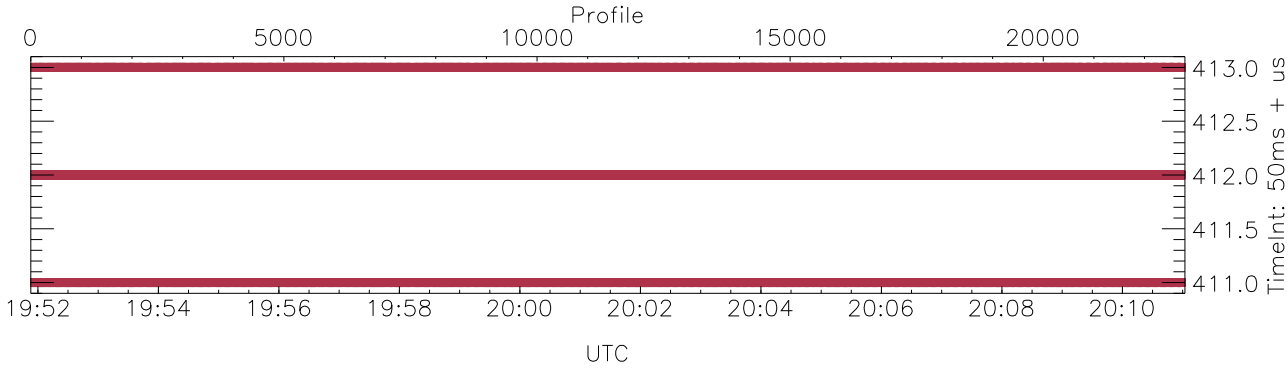
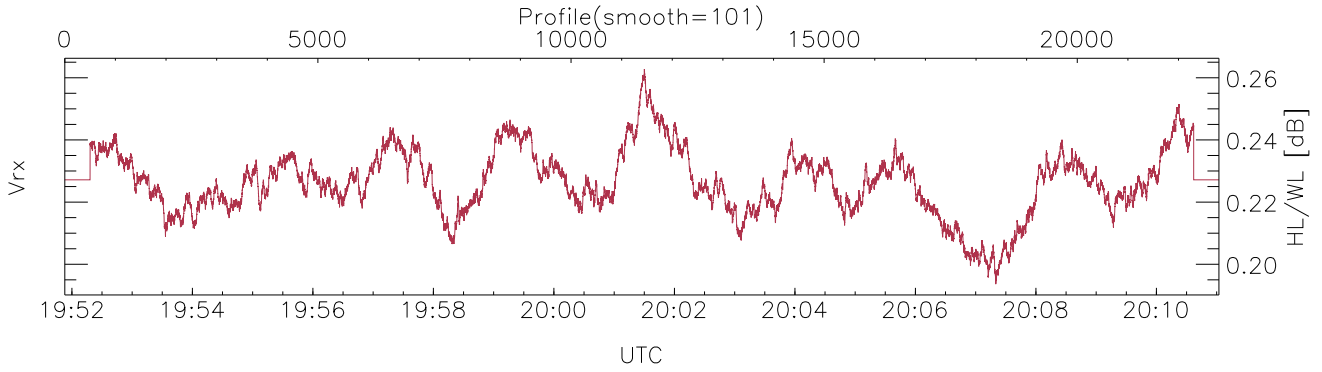
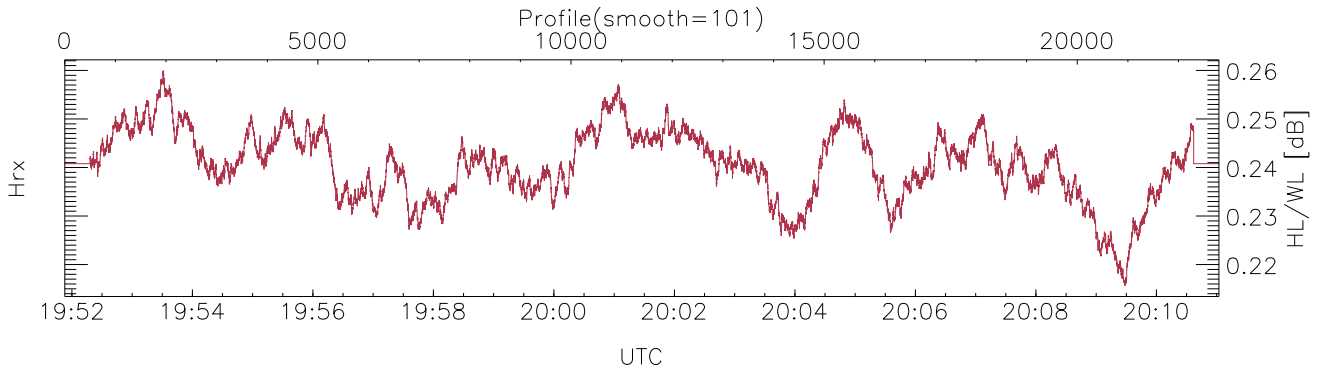


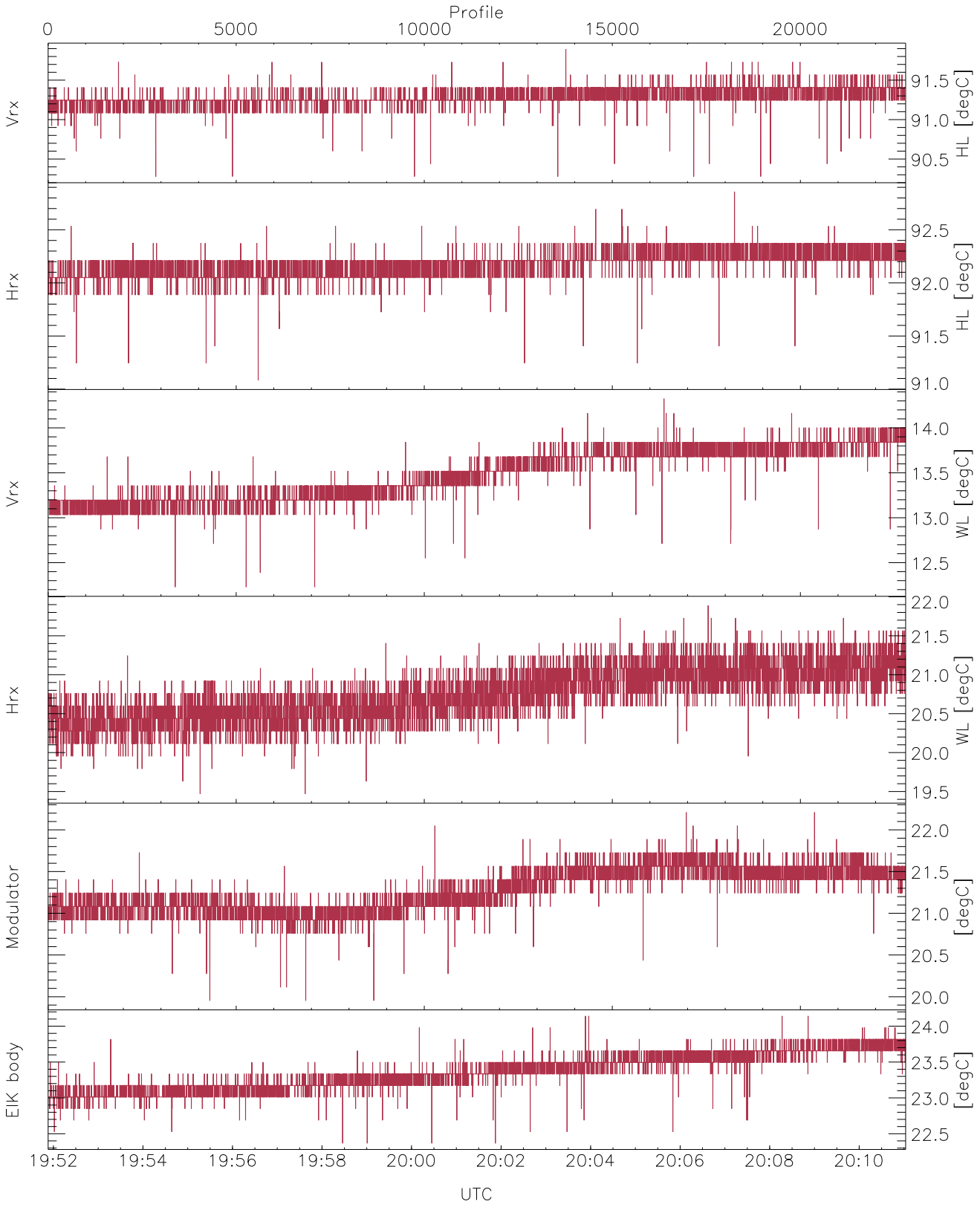






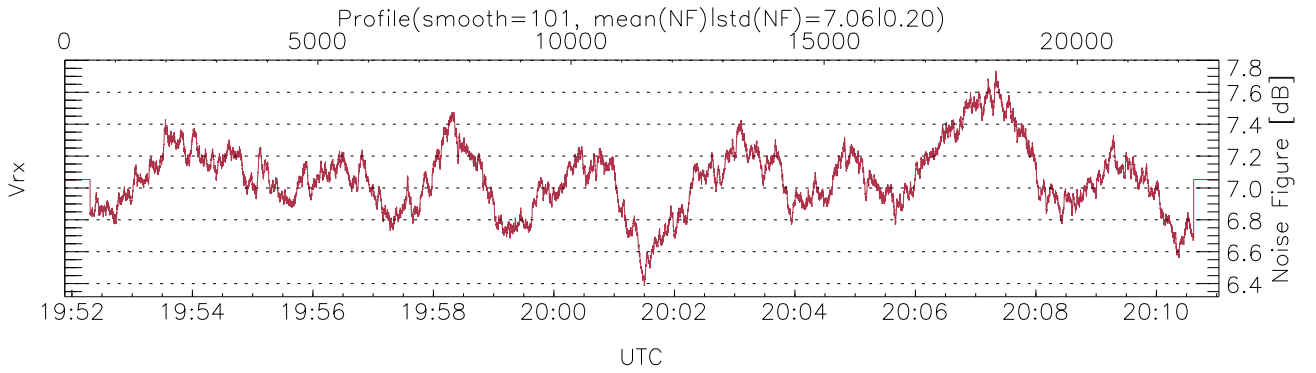
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

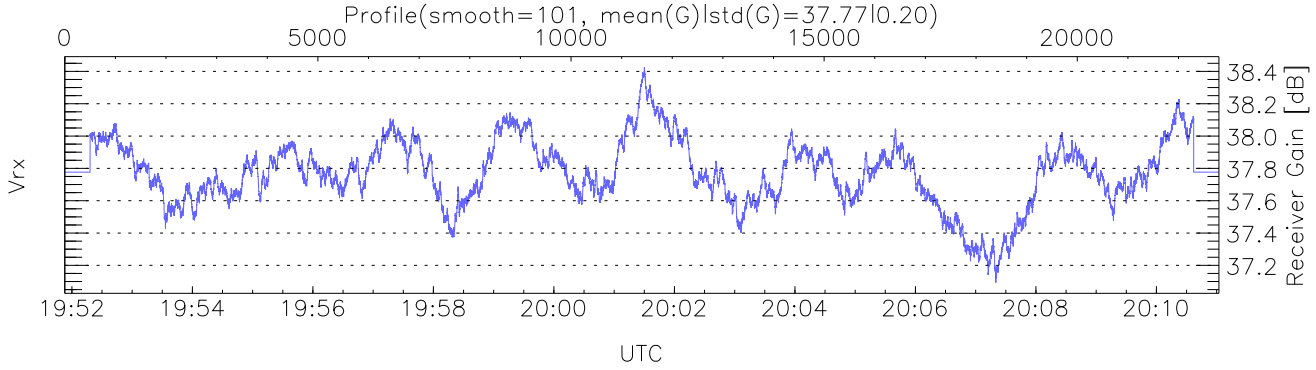
UTC: 19:51:53-20:15:57, Dur: 1443.92s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/28643, 0-22799/19:51:53-20:11:02
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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|sideluplerror): 1

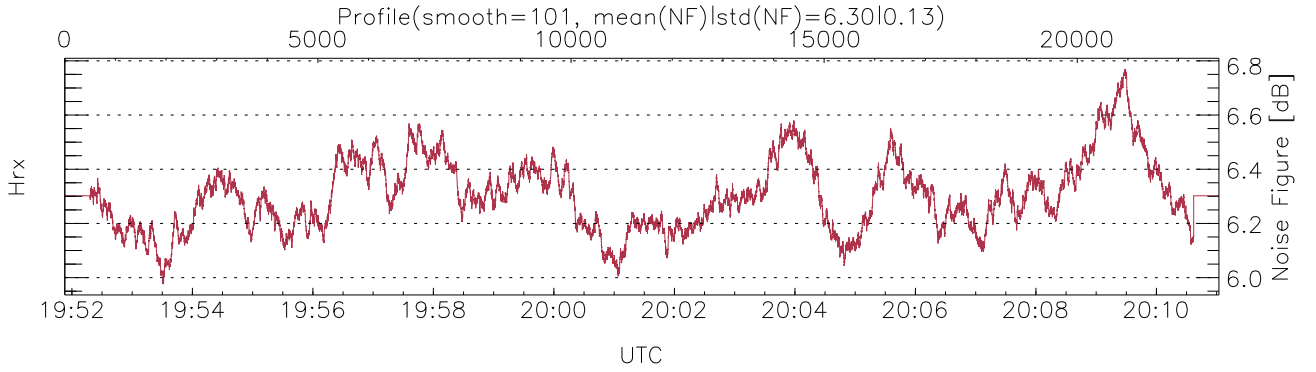


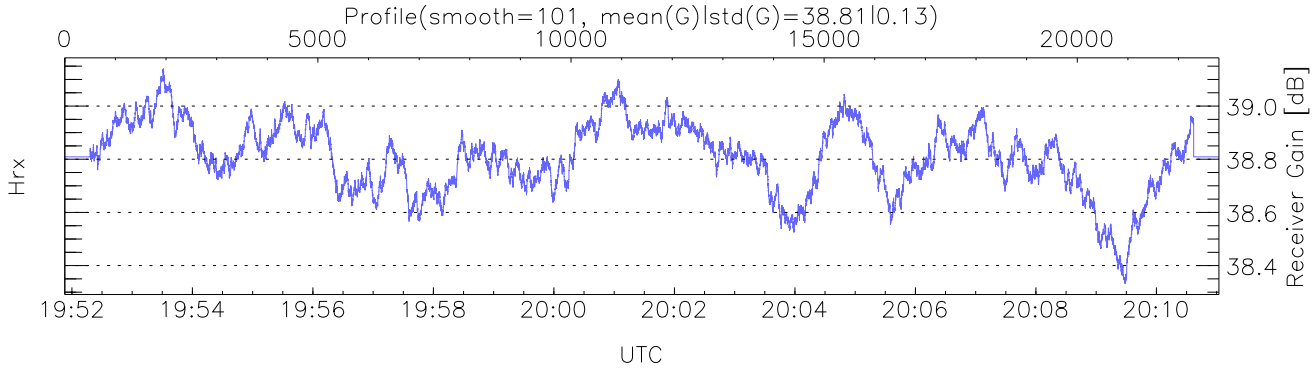
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,12,19,19,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,14,21,22,24
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (16,16,16,16,16)



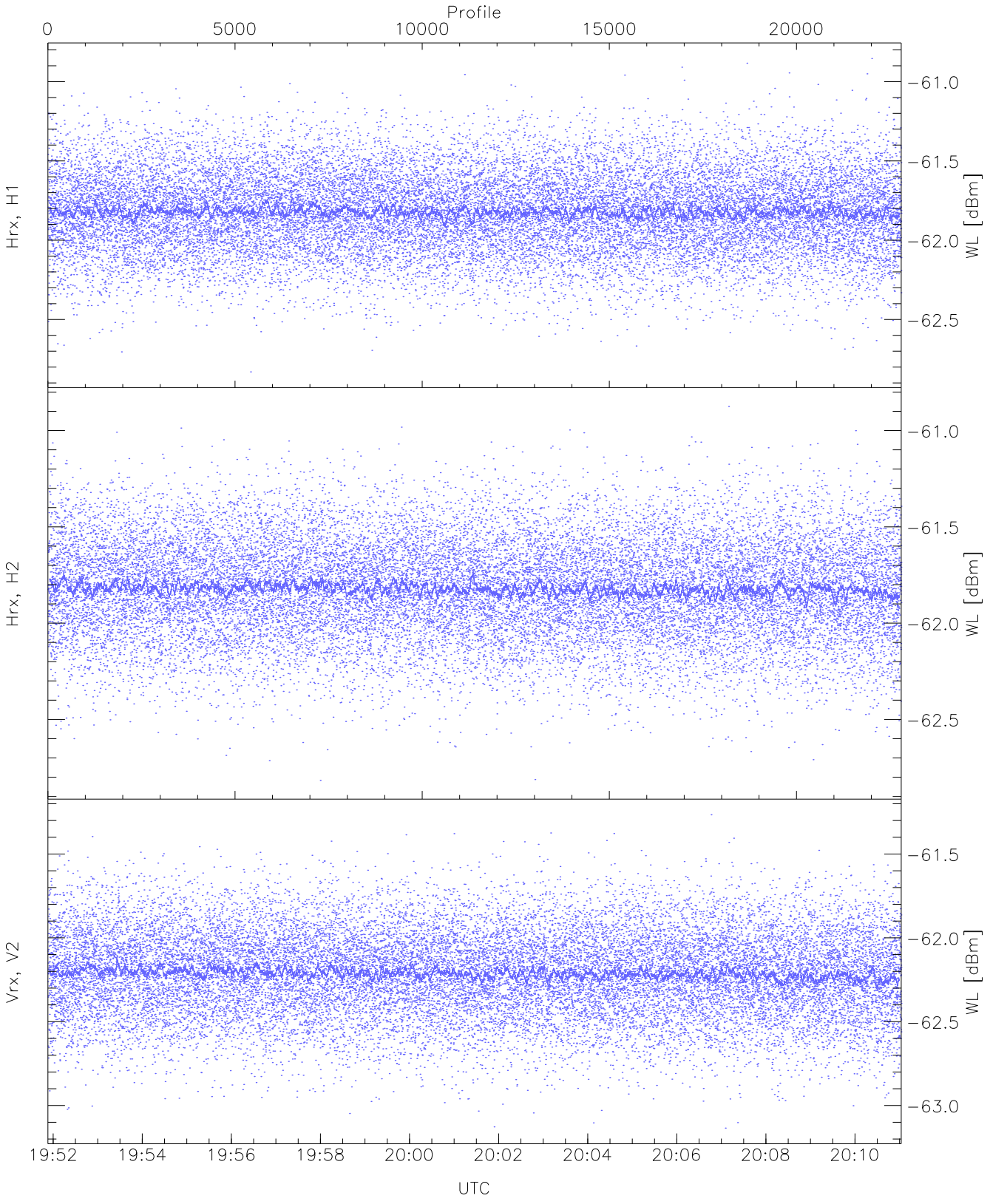






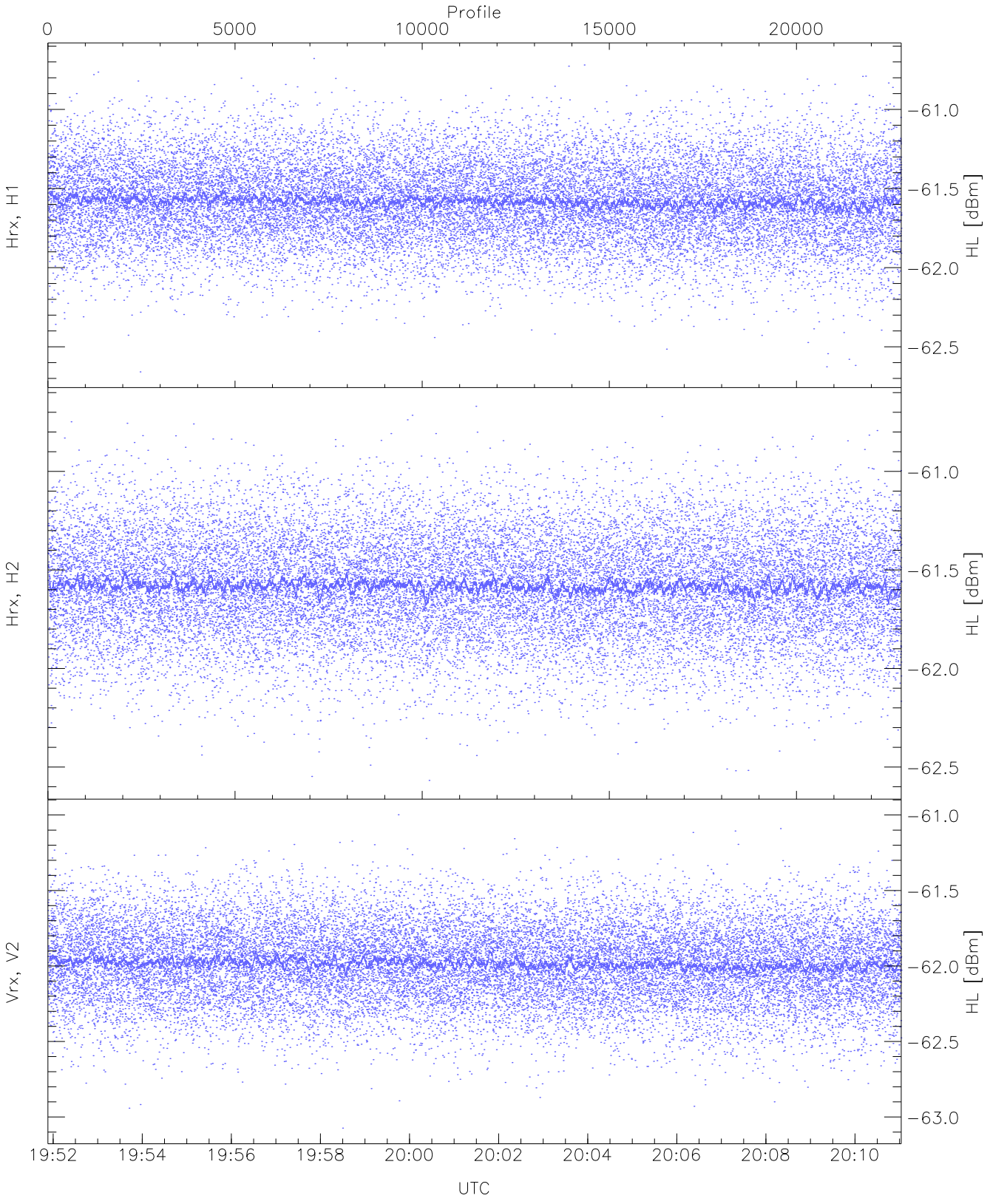
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 11685 pixs, 10 gates, 11640 profs, 2 prods



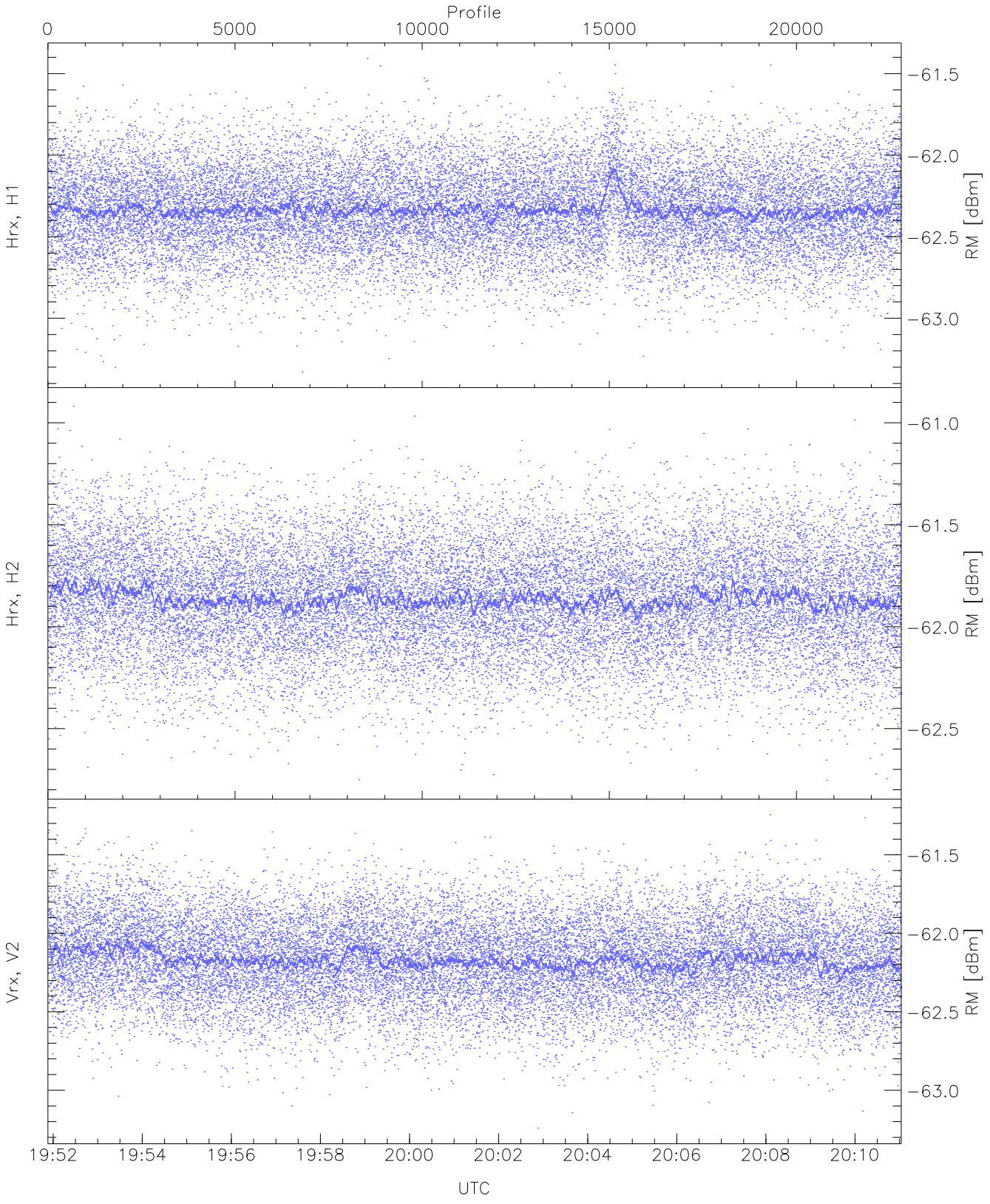
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.83	-60.85	-61.82	-61.82	-74.38
Hrx, H2(WL [dBm])	-62.82	-60.87	-61.82	-61.82	-74.36
Vrx, V2(WL [dBm])	-63.13	-61.27	-62.21	-62.21	-74.75



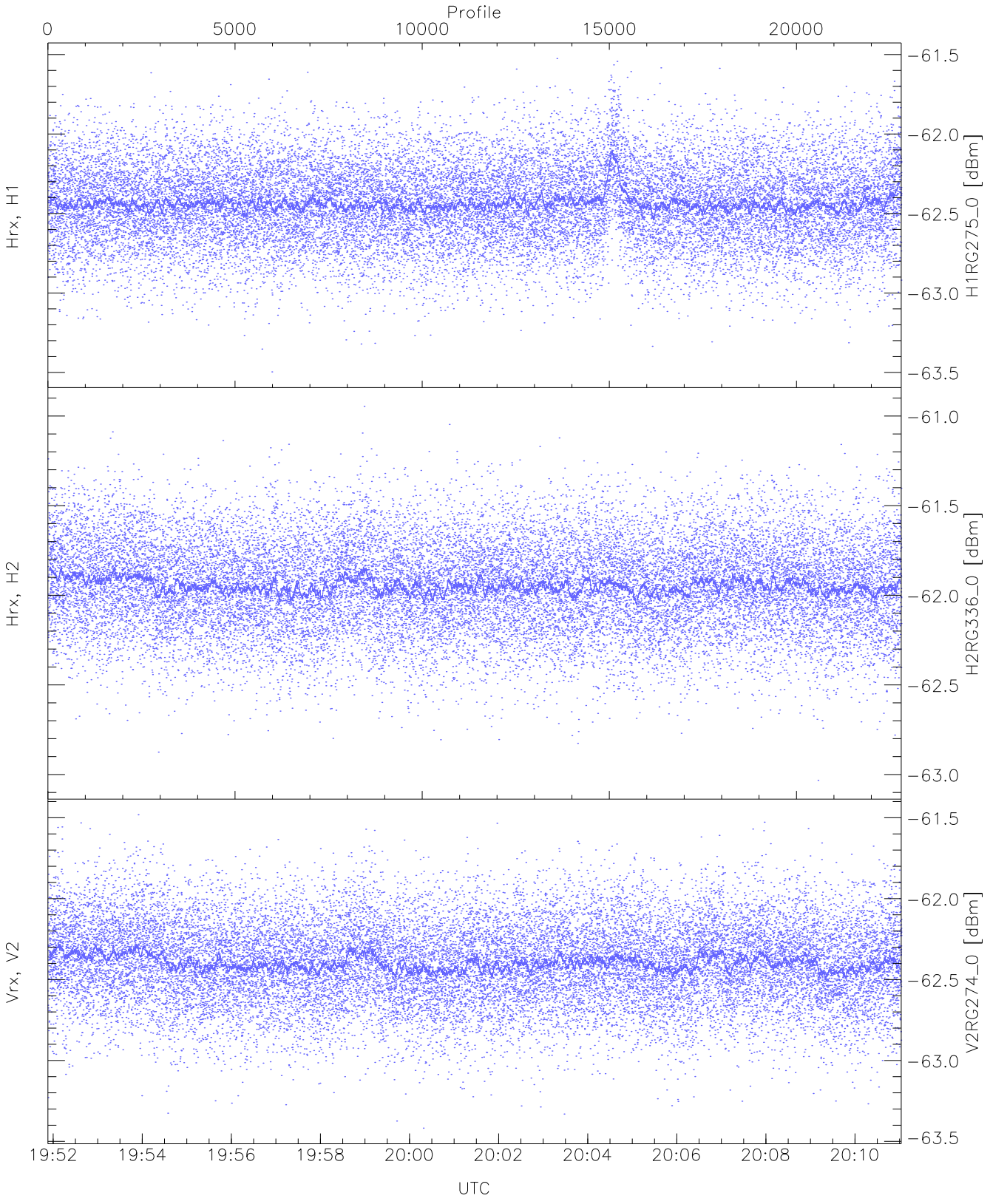
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.66	-60.68	-61.58	-61.58	-74.18
Hrx, H2(HL [dBm])	-62.57	-60.67	-61.58	-61.58	-74.12
Vrx, V2(HL [dBm])	-63.07	-61.00	-61.98	-61.98	-74.57



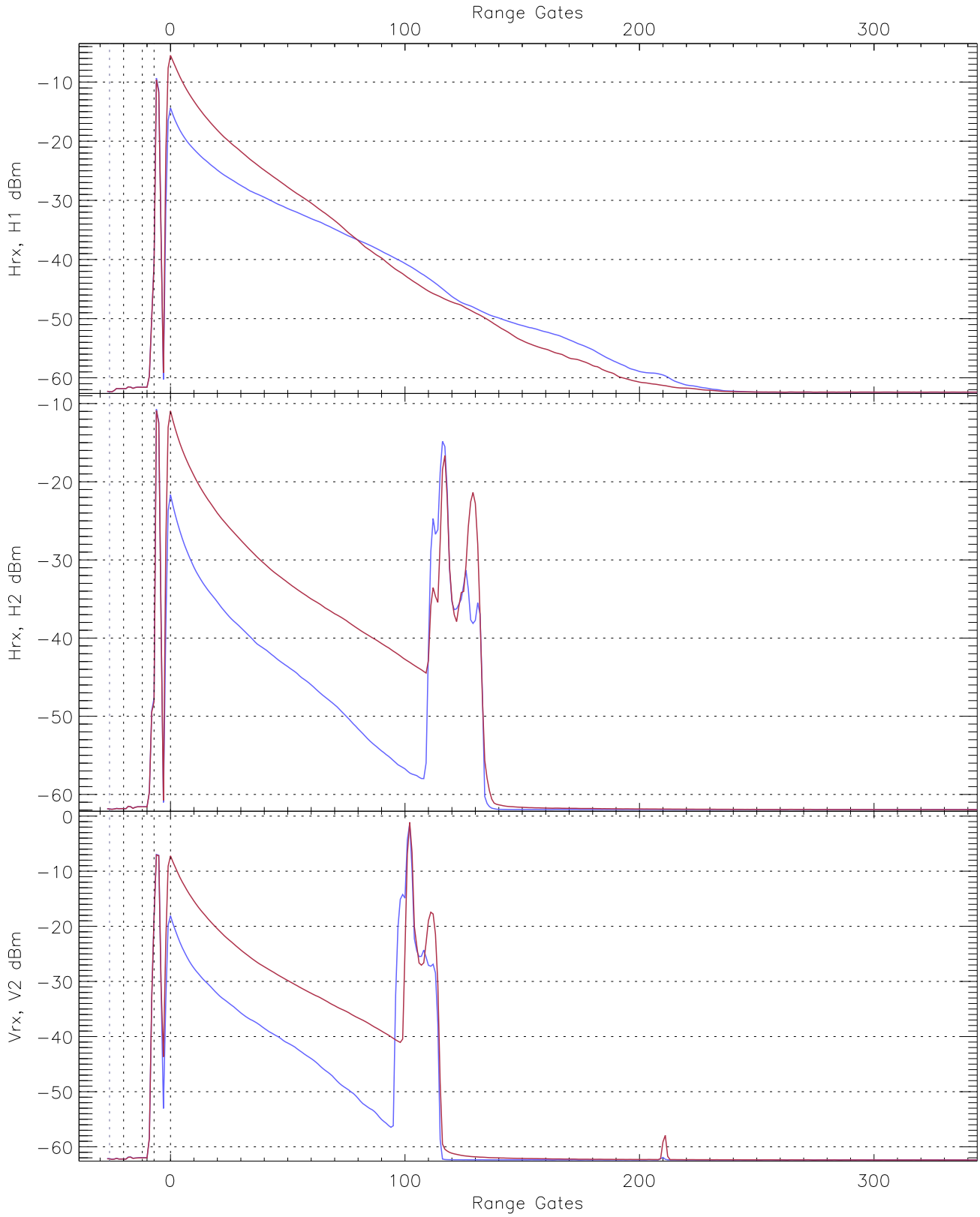
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.33	-61.41	-62.33	-62.34	-74.90
Hrx, H2(RM [dBm])	-62.75	-60.92	-61.86	-61.86	-74.43
Vrx, V2(RM [dBm])	-63.24	-61.24	-62.17	-62.17	-74.67

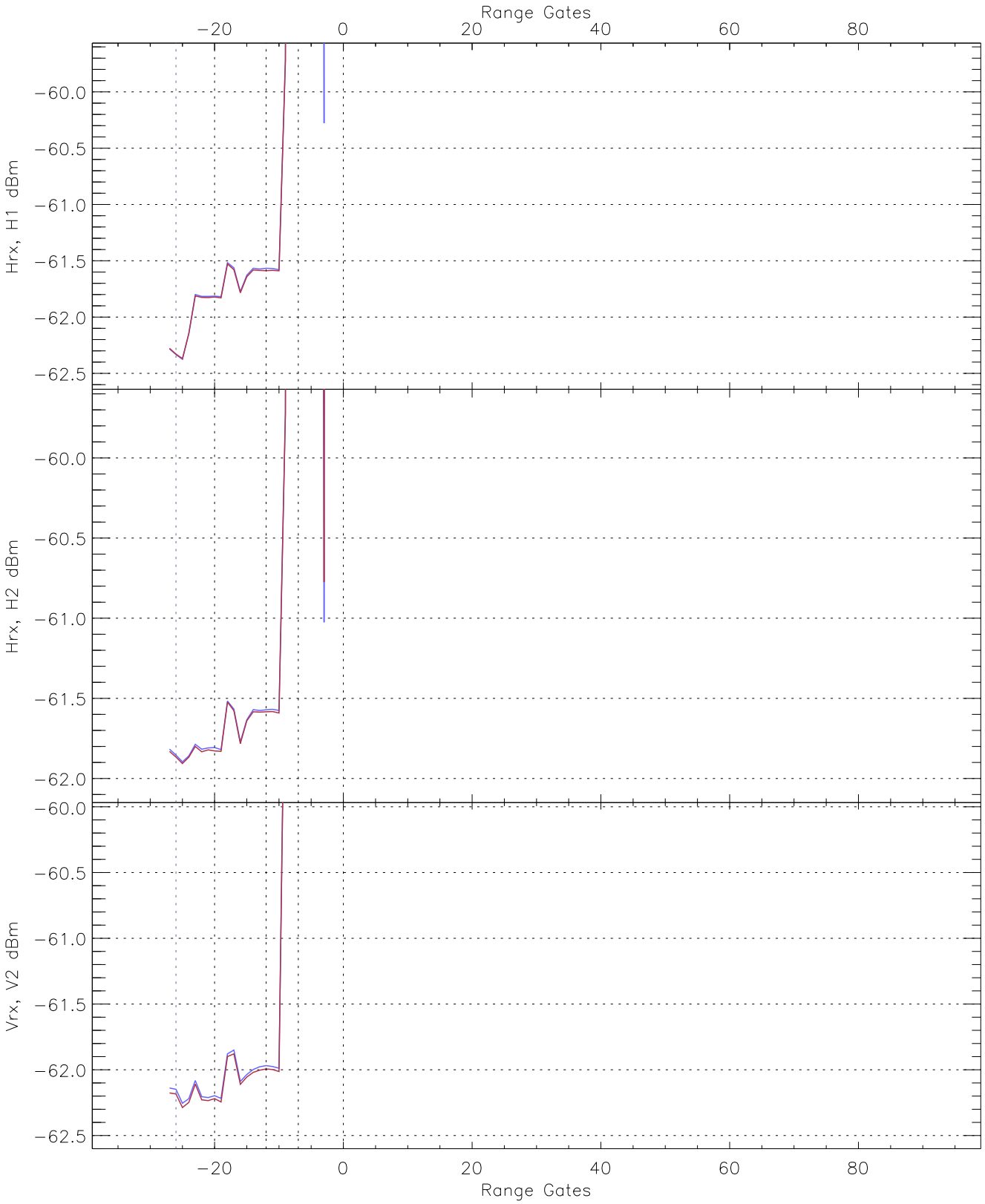


WCR2 CPP "Best" estimate Receivers Noise Power

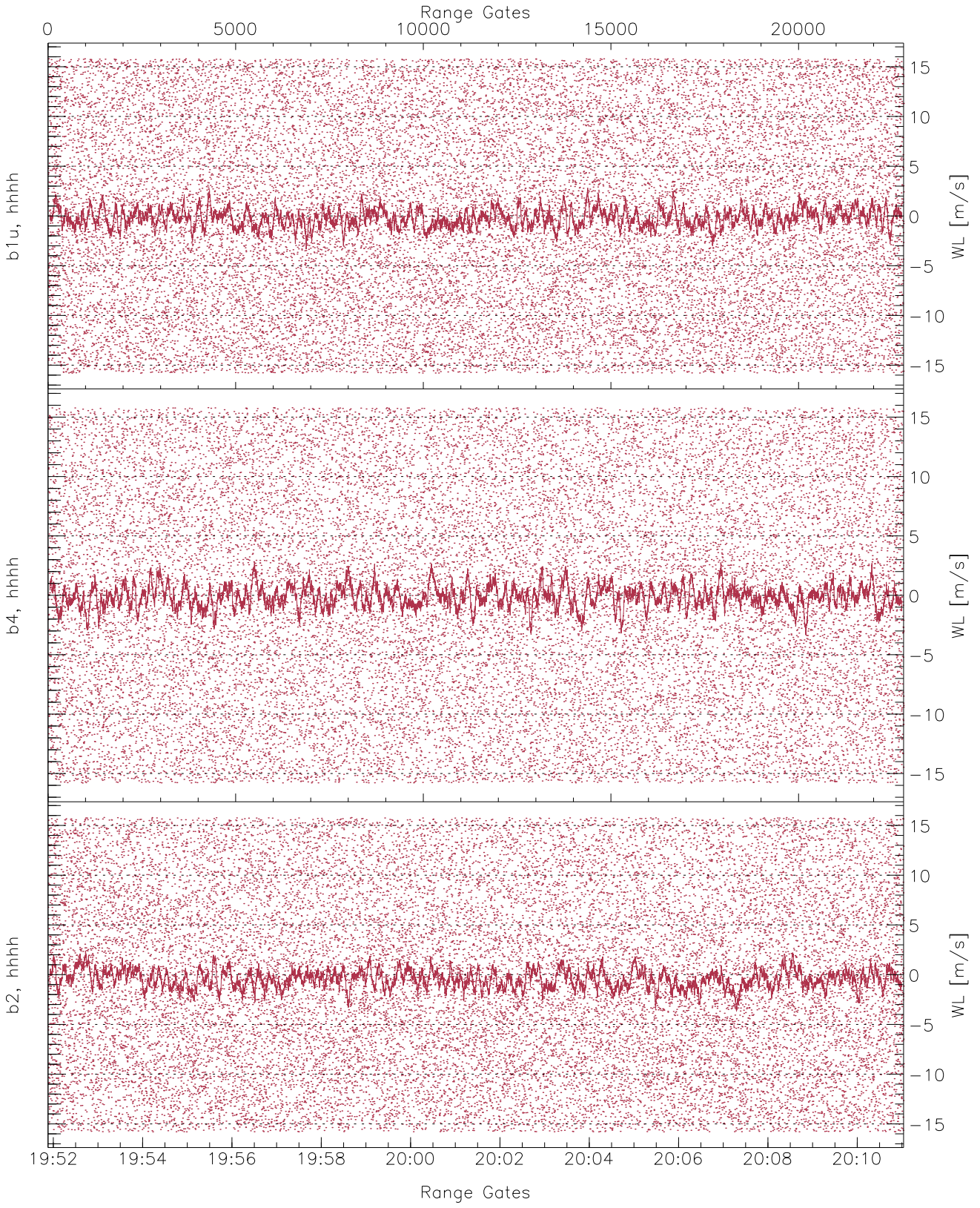
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.50	-61.53	-62.43	-62.44	-74.96
H2RG336_0 [dBm]	-63.03	-60.95	-61.94	-61.95	-74.49
V2RG274_0 [dBm]	-63.42	-61.48	-62.39	-62.40	-74.89



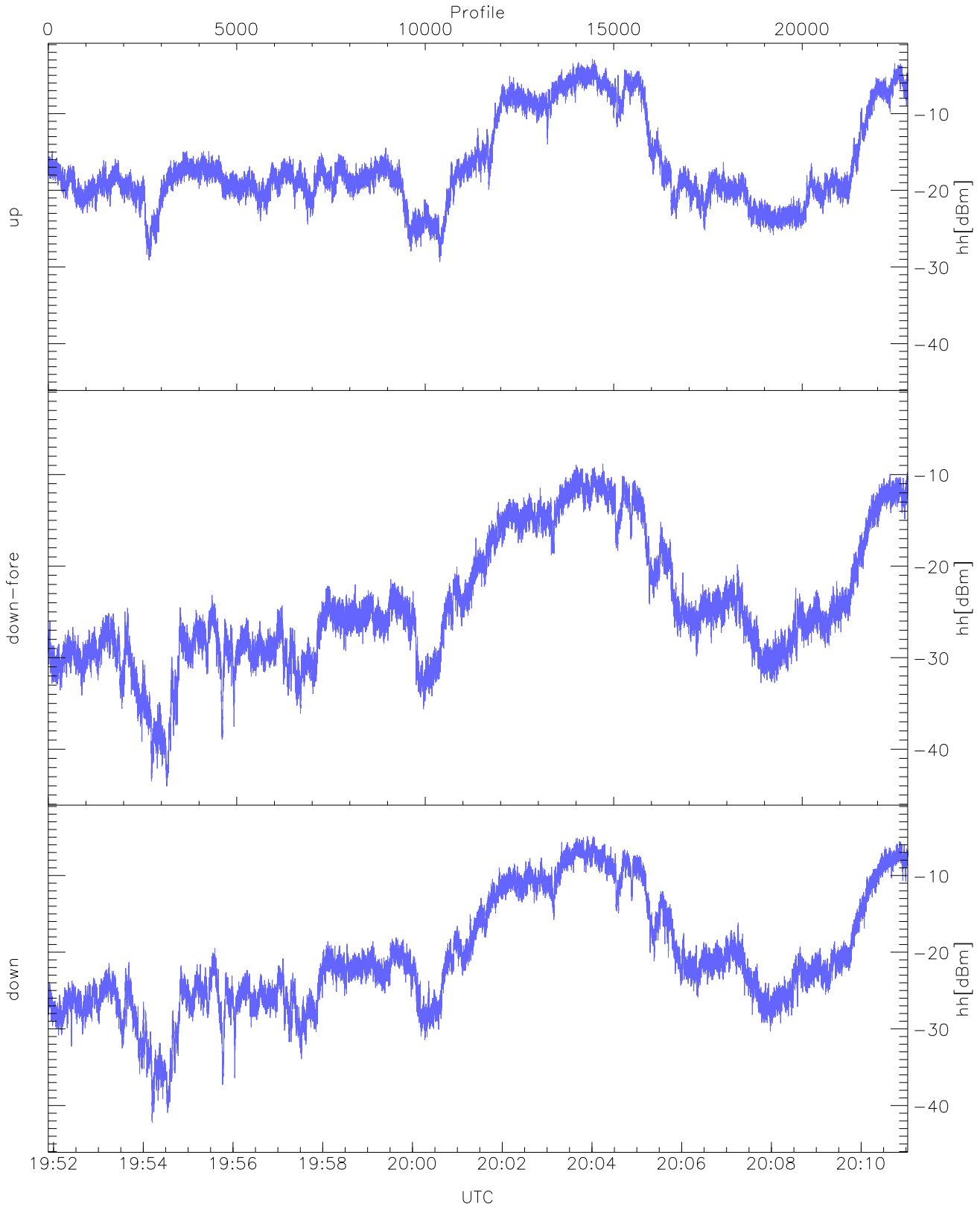
WCR2 CPP Averaged Received power for all recorded gates
blue: 195153-200128, 11401 profiles averaged
red: 200128-201102, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 195153-200128, 11401 profiles averaged
red: 200128-201102, 11400 profiles averaged

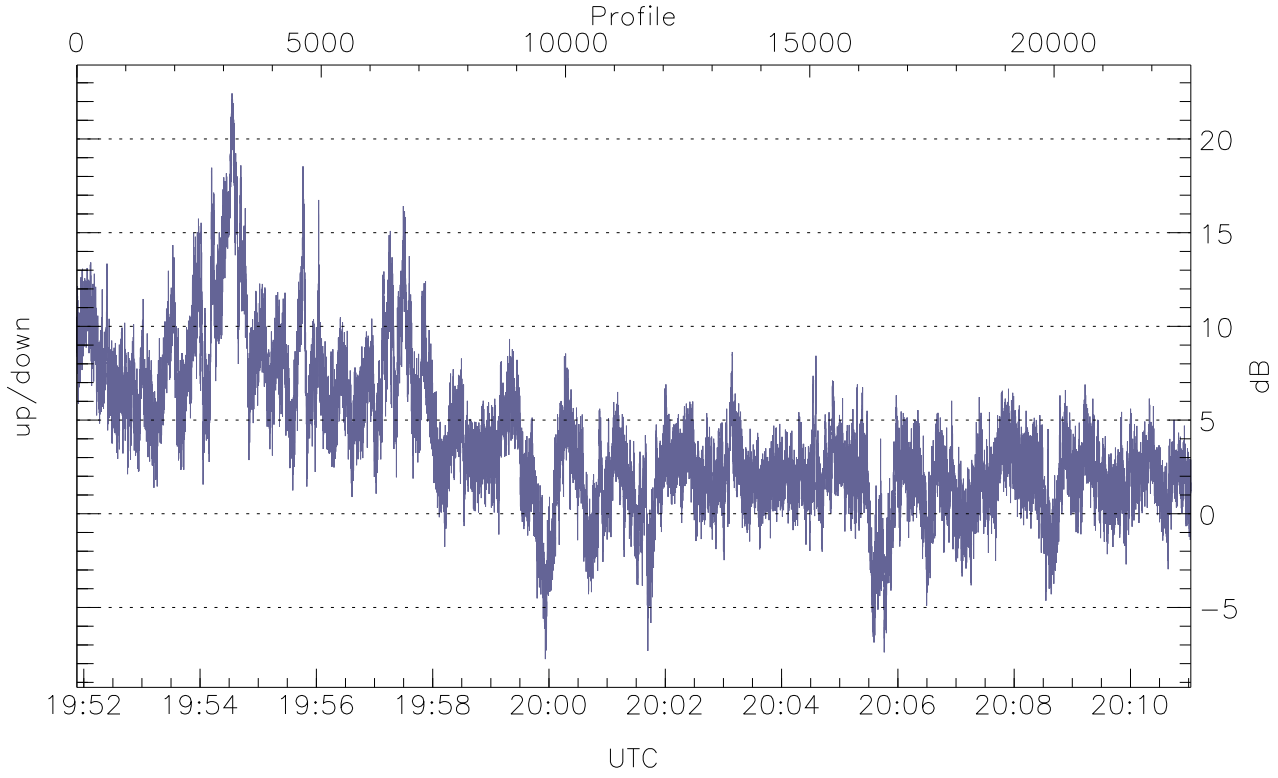


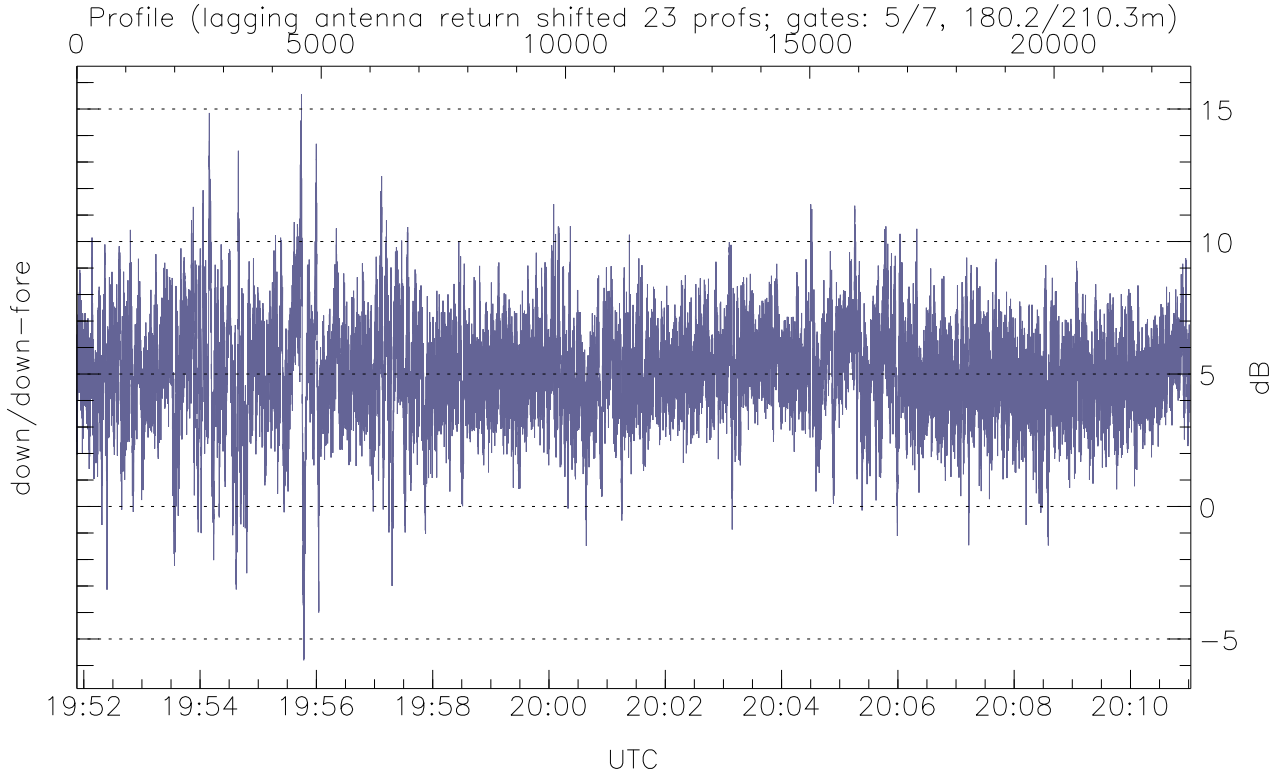
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

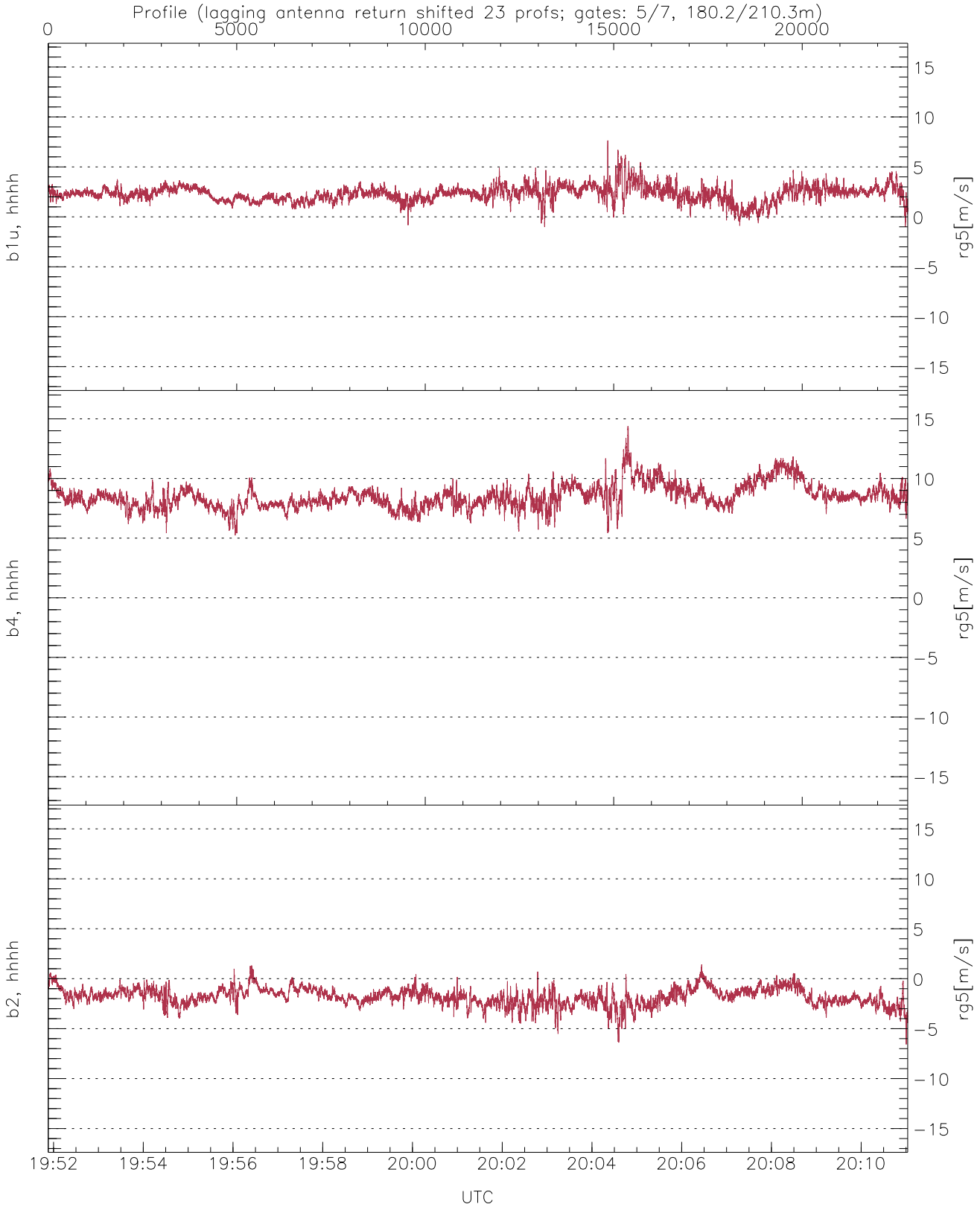
	Min	Max	Mean
up(hh[dBm])	-29.32	-2.88	-12.38
down-fore(hh[dBm])	-44.04	-8.82	-18.59
down(hh[dBm])	-42.21	-4.87	-14.66





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

	Min	Max	Mean
up/down(dB)	-7.75	22.44	3.92
down/down-fore(dB)	-5.80	15.55	5.06



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.01	7.64	2.29	0.79
b4, hhhh(rg5[m/s])	5.24	14.39	8.50	1.01
b2, hhhh(rg5[m/s])	-6.58	1.42	-1.79	0.86