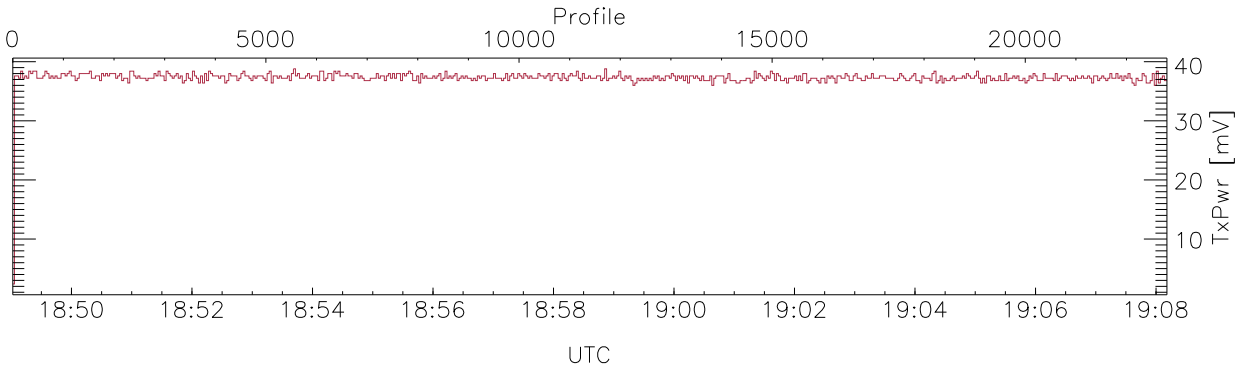
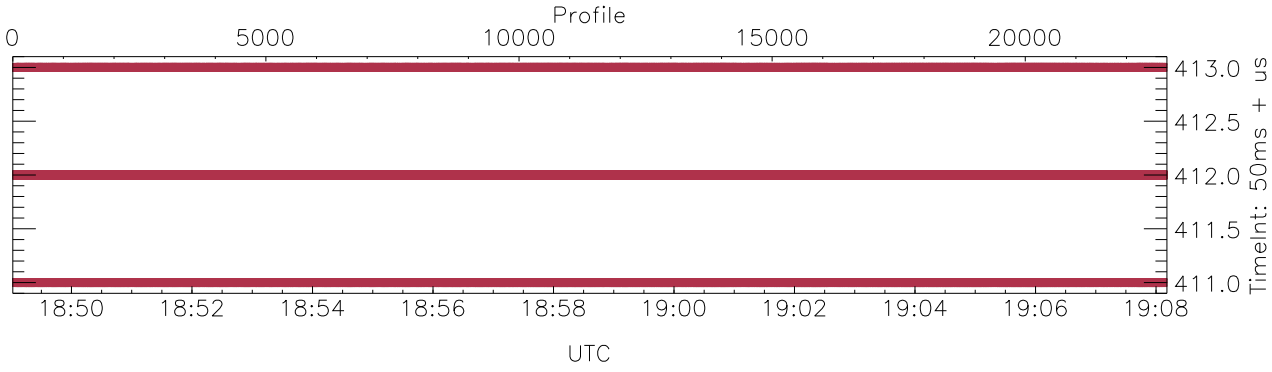
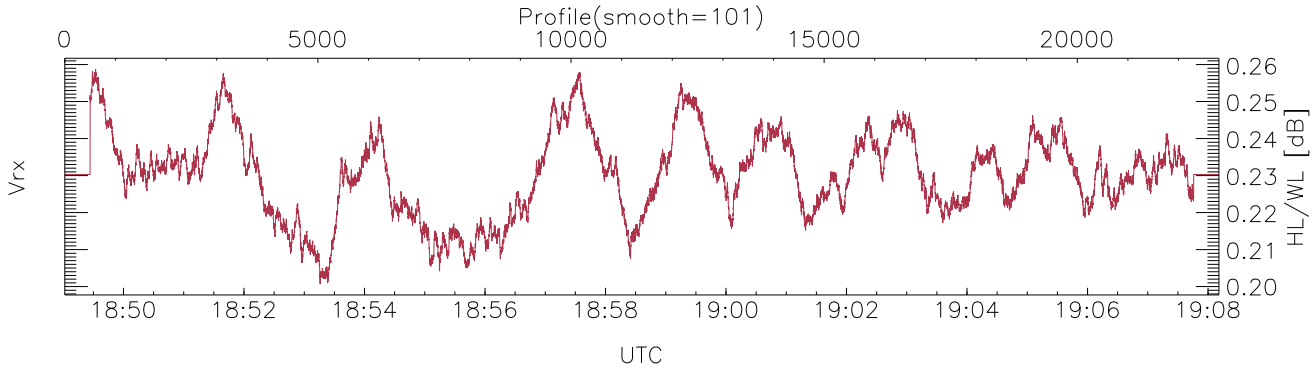
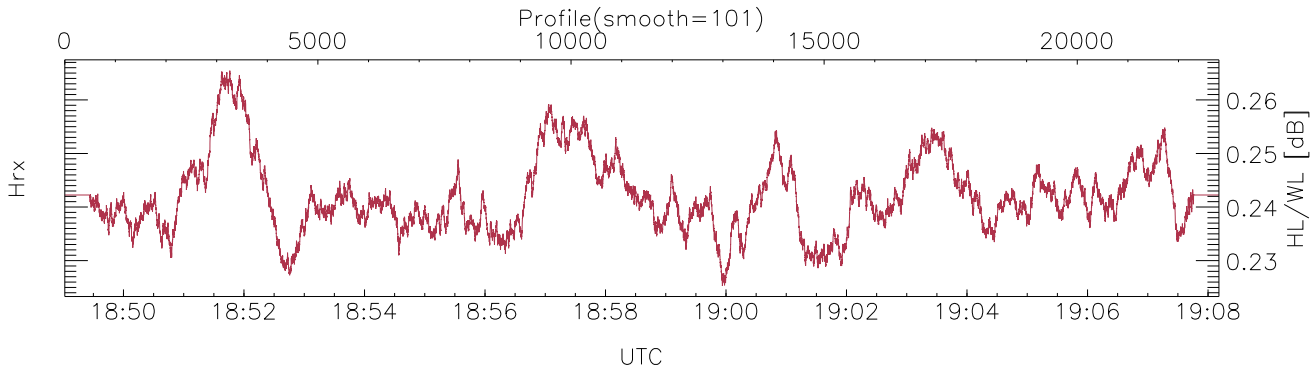


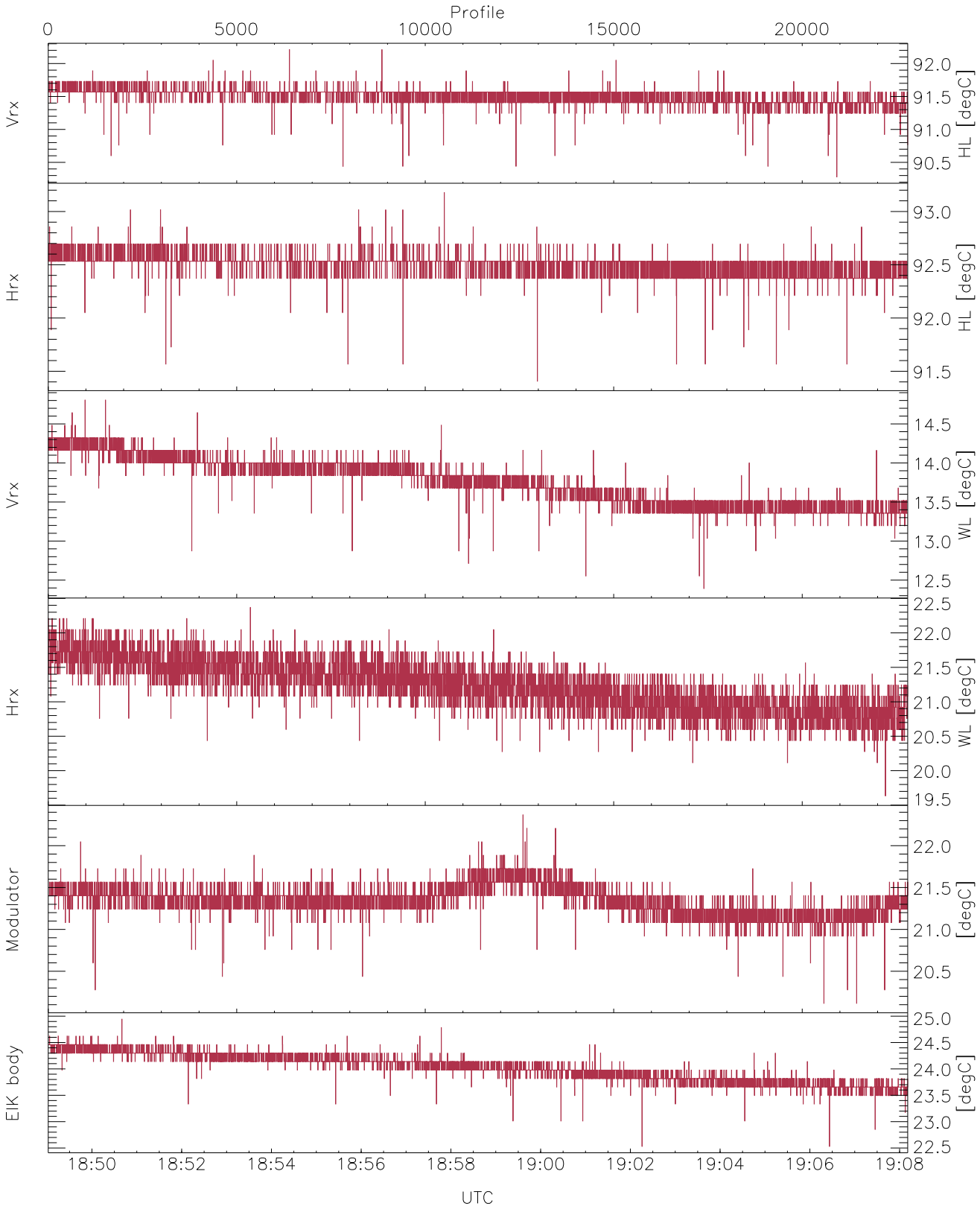






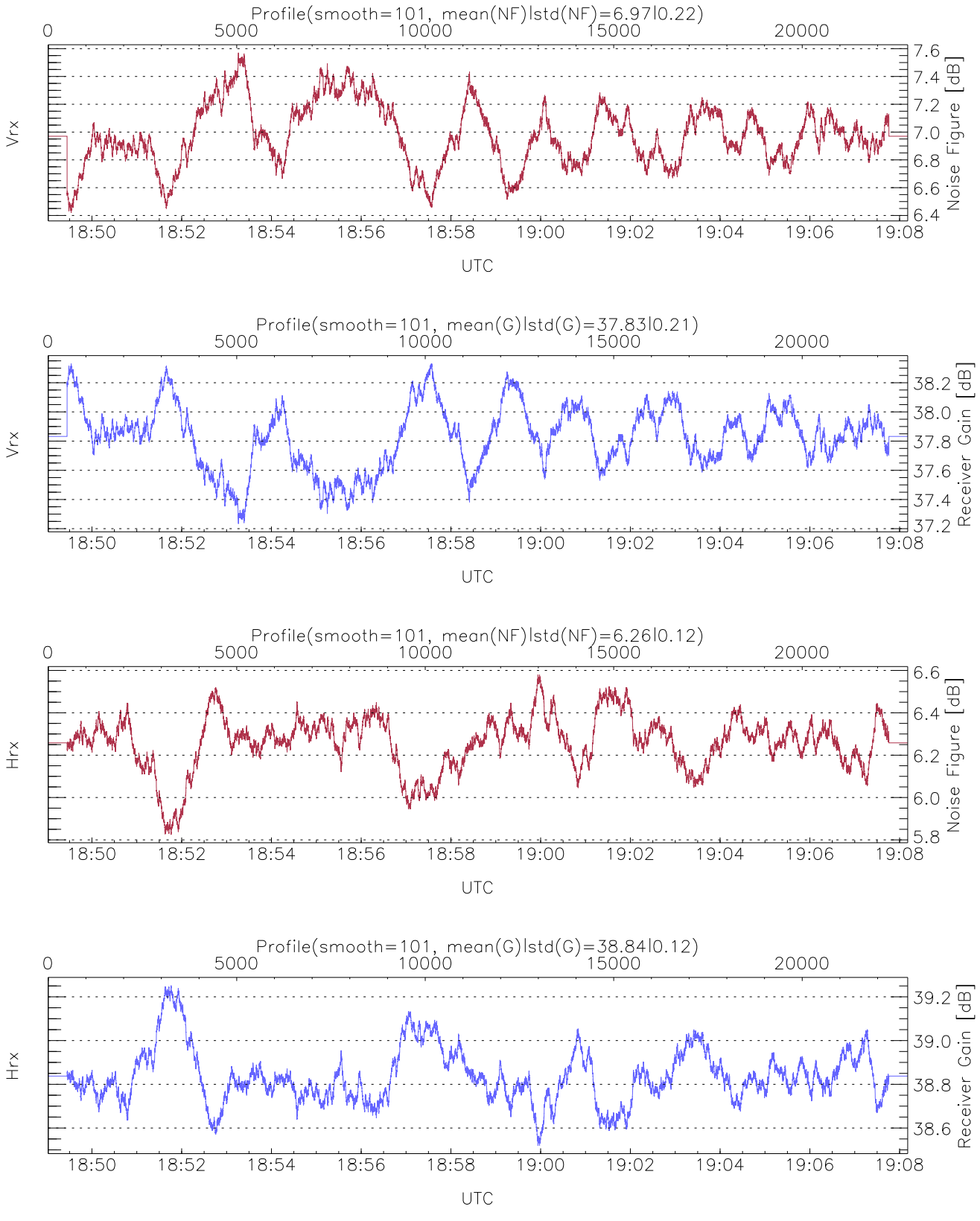
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:49:02-19:15:44, Dur: 1602.37s
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): 22800/31786, 0-22799/18:49:02-19:08:11
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



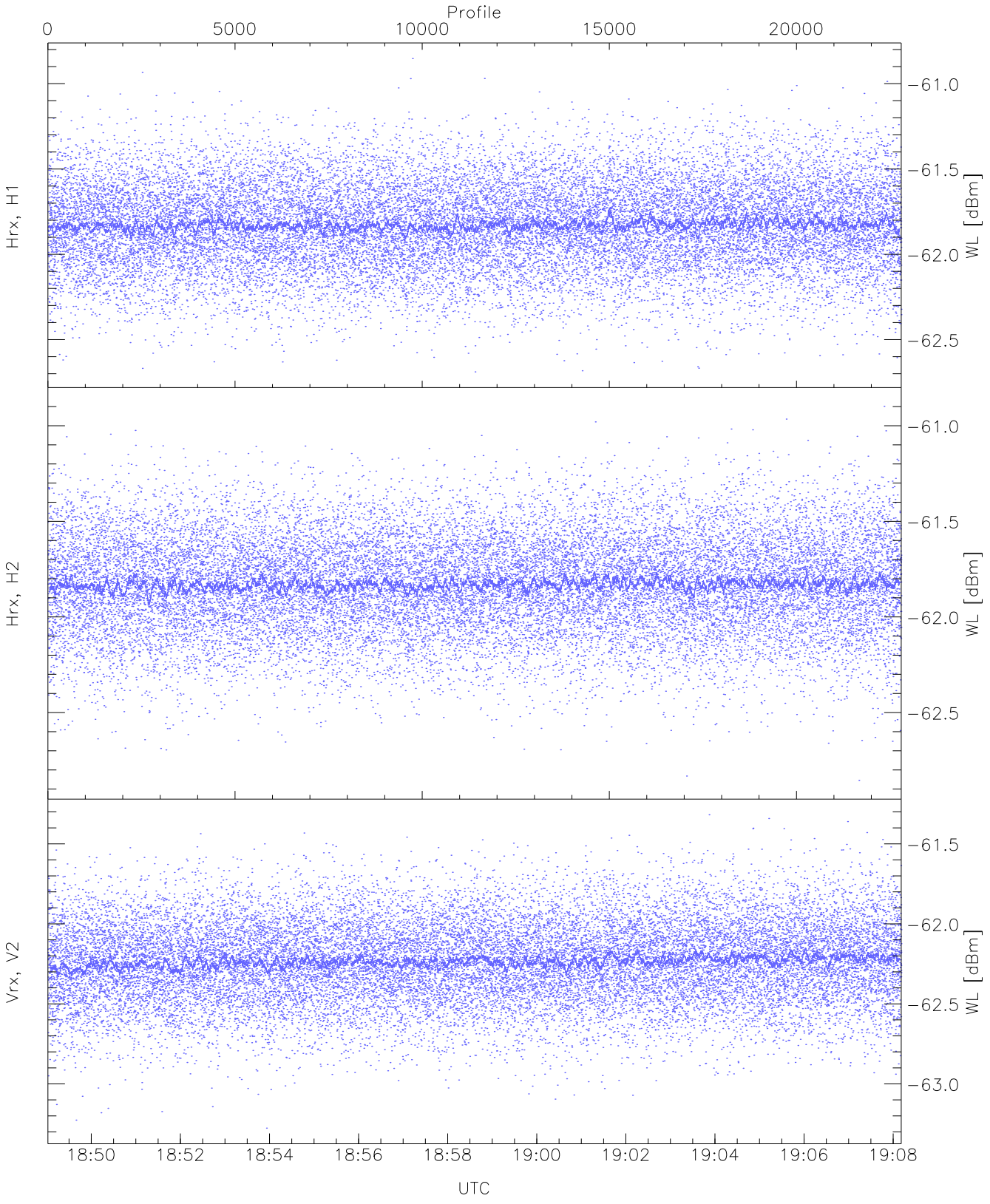
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,12,19,20,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,14,22,22,24
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,11,11,11)



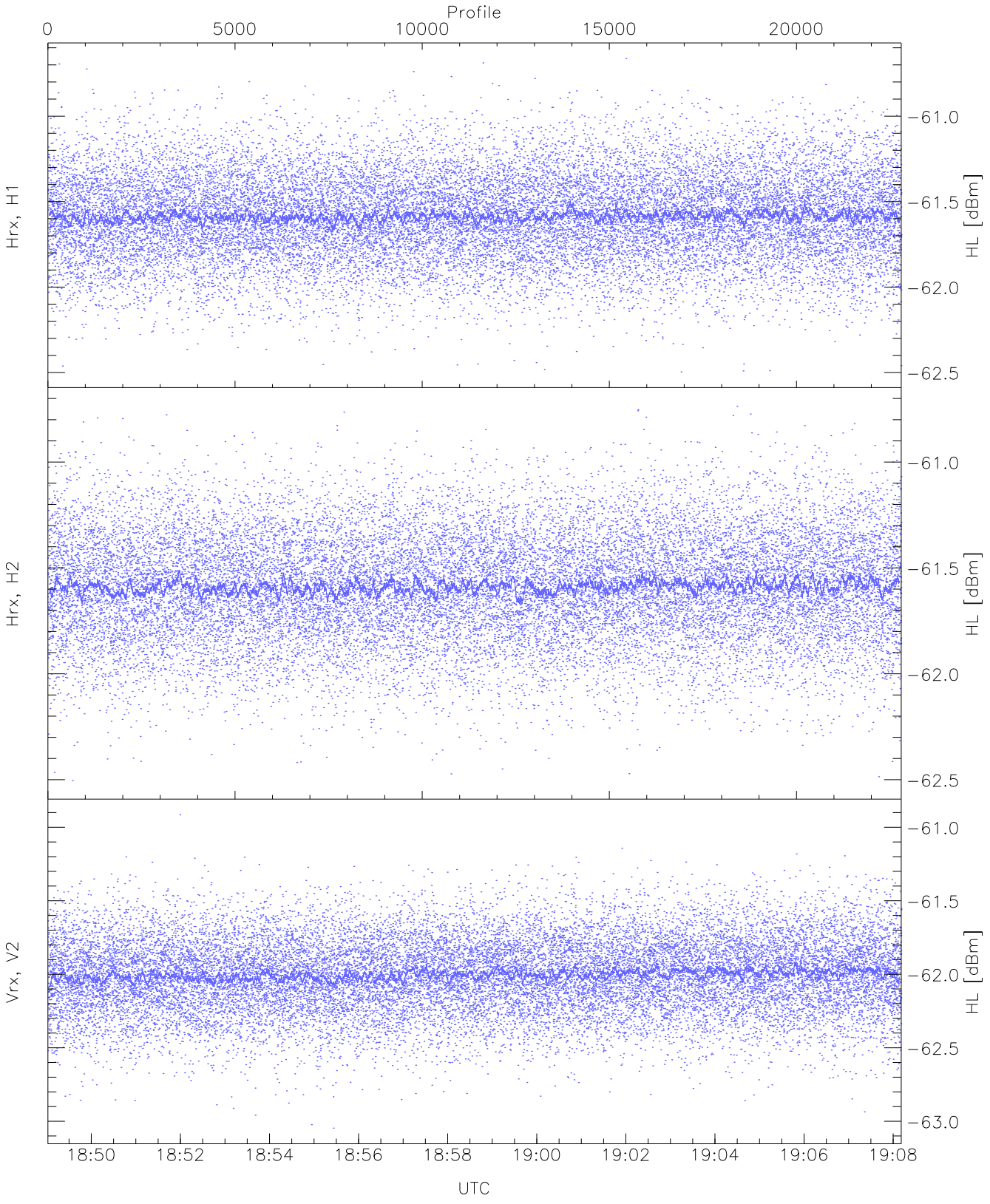
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 431 pixs, 4 gates, 395 profs, 1 prods



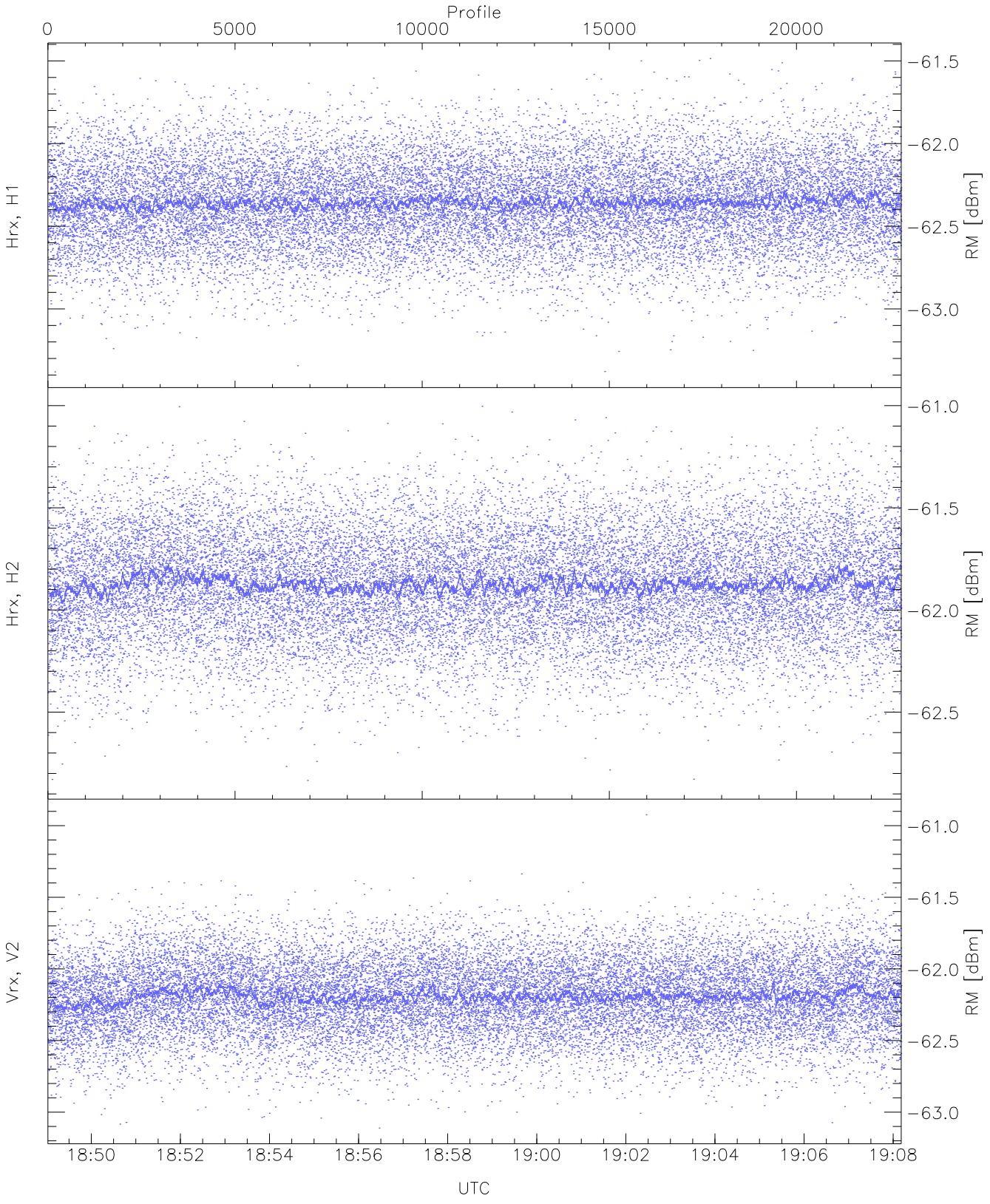
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.69	-60.85	-61.83	-61.83	-74.42
Hrx, H2(WL [dBm])	-62.85	-60.90	-61.83	-61.83	-74.40
Vrx, V2(WL [dBm])	-63.28	-61.32	-62.23	-62.24	-74.78



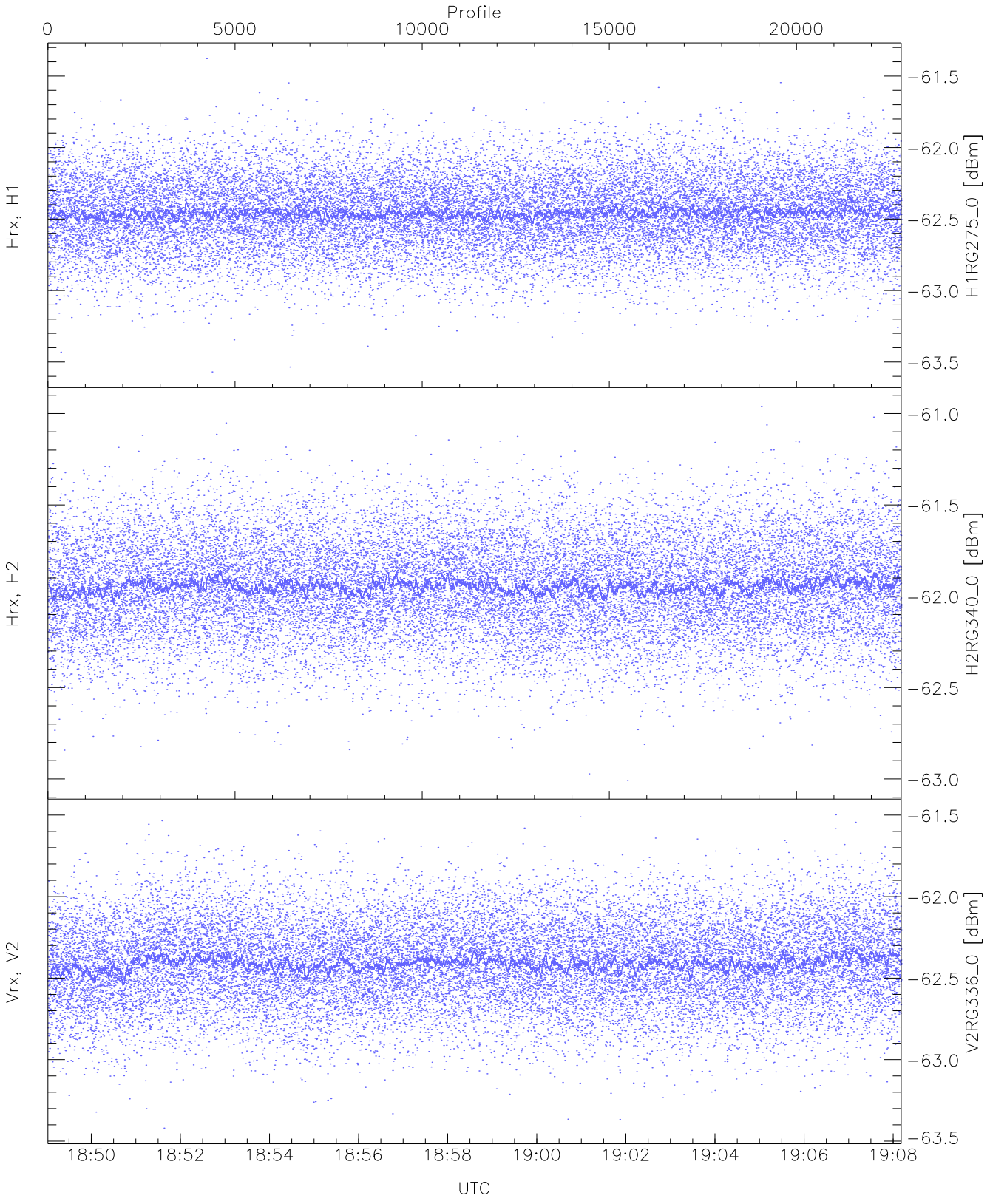
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.50	-60.66	-61.58	-61.59	-74.15
Hrx, H2(HL [dBm])	-62.50	-60.74	-61.58	-61.59	-74.18
Vrx, V2(HL [dBm])	-63.05	-60.92	-62.00	-62.00	-74.57



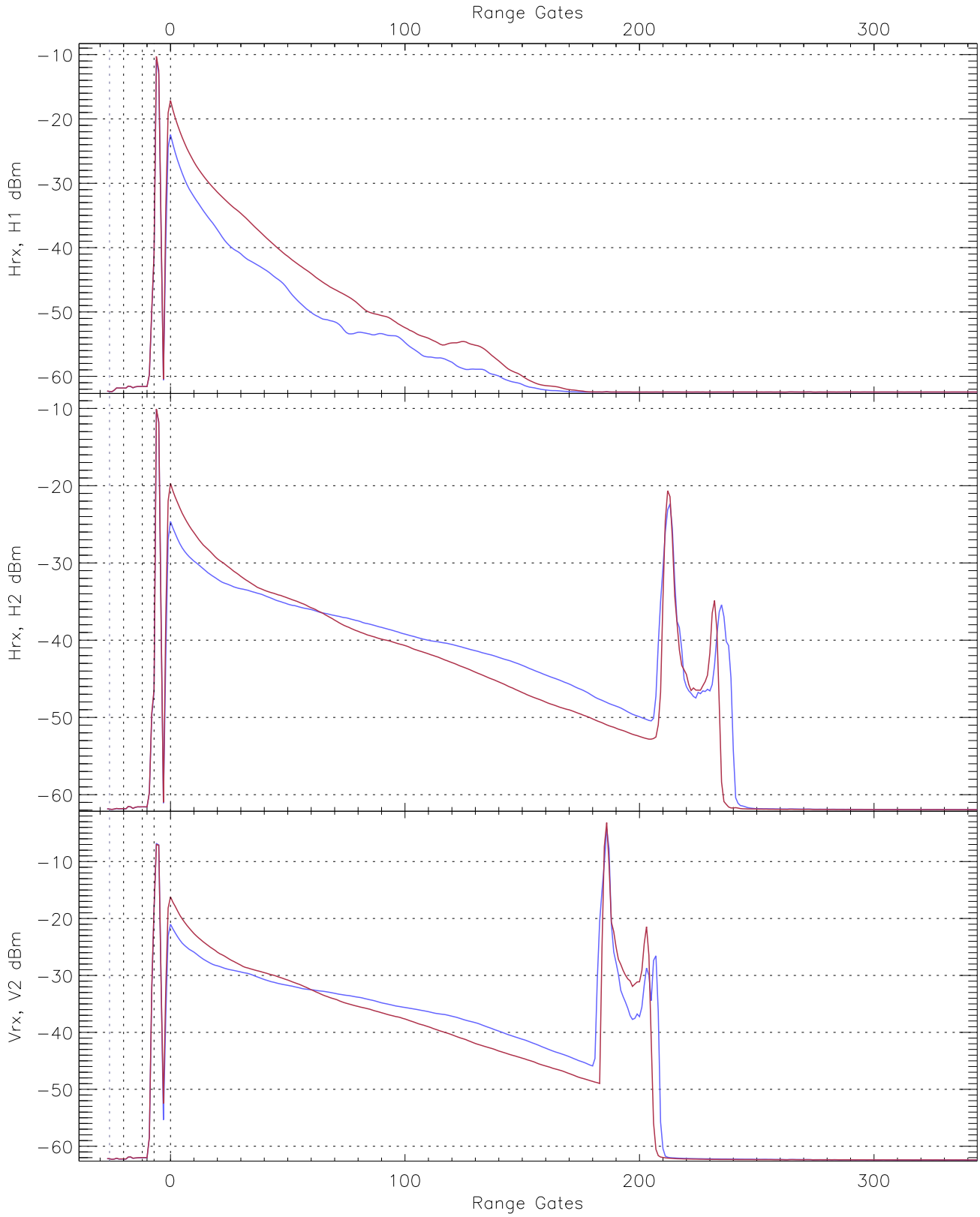
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.38	-61.49	-62.35	-62.36	-74.93
Hrx, H2(RM [dBm])	-62.83	-61.00	-61.87	-61.88	-74.42
Vrx, V2(RM [dBm])	-63.11	-60.92	-62.19	-62.19	-74.75

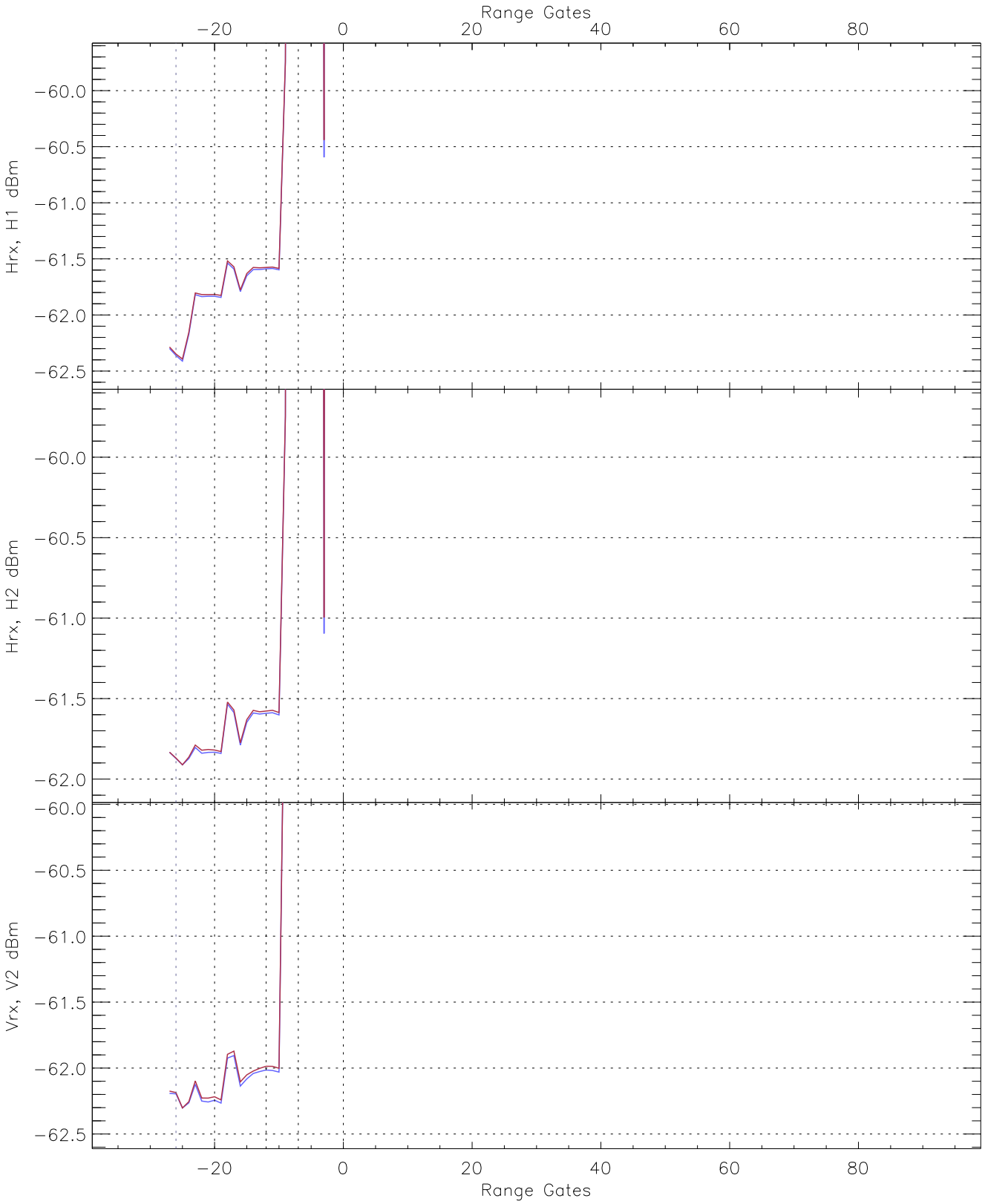


WCR2 CPP "Best" estimate Receivers Noise Power

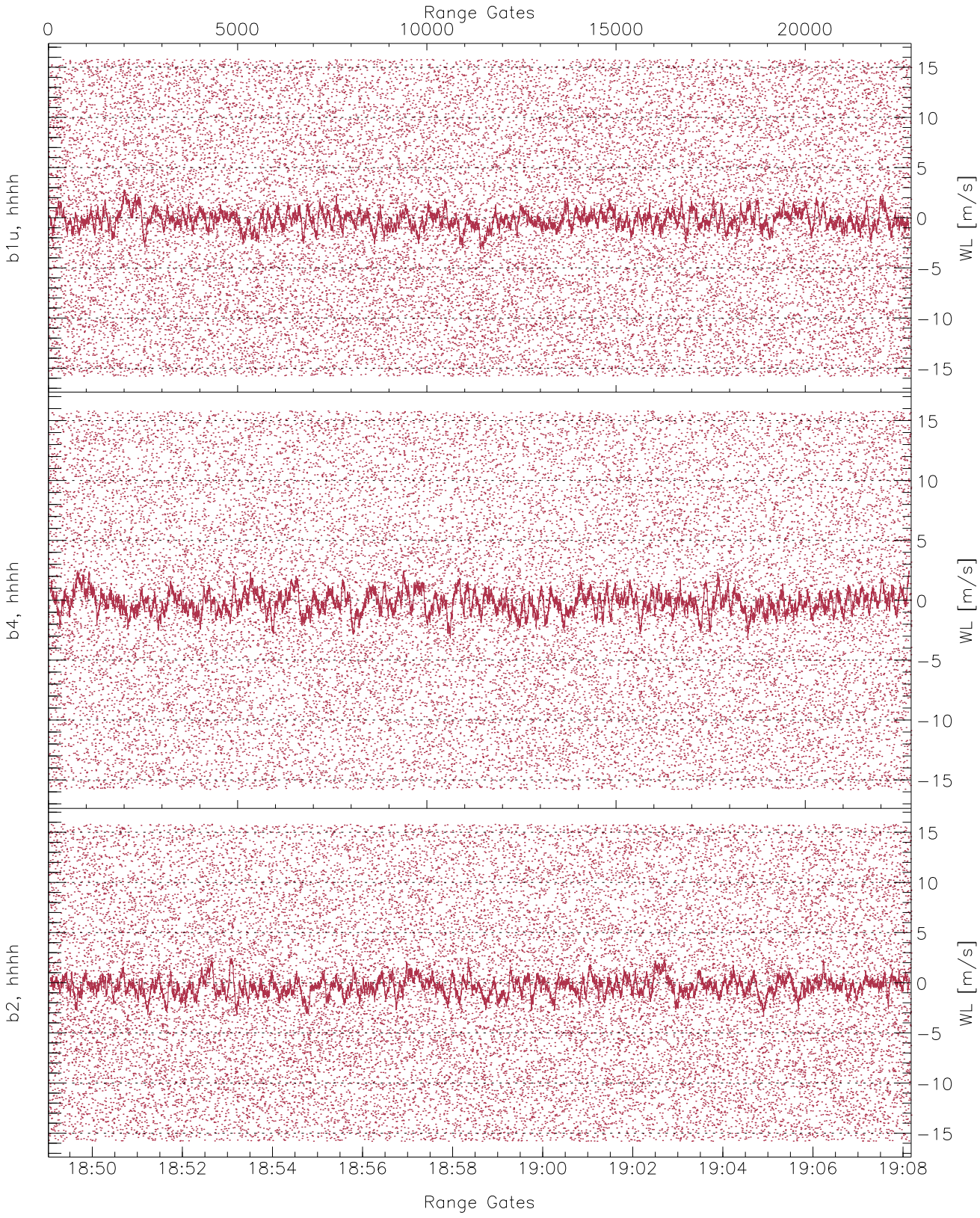
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.57	-61.38	-62.46	-62.46	-75.01
H2RG340_0 [dBm]	-63.01	-60.96	-61.94	-61.95	-74.46
V2RG336_0 [dBm]	-63.42	-61.50	-62.41	-62.41	-74.95



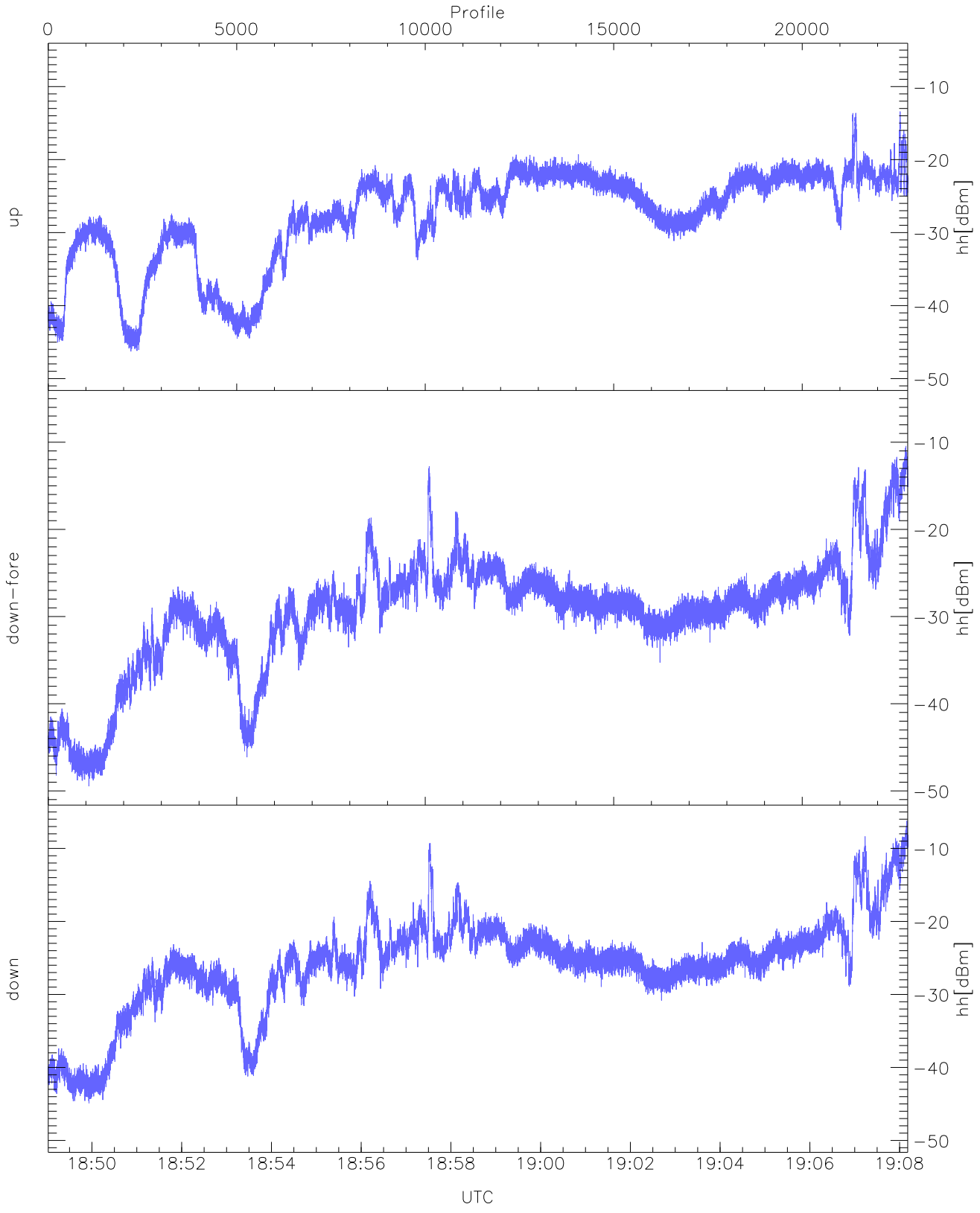
WCR2 CPP Averaged Received power for all recorded gates
blue: 184902-185836, 11401 profiles averaged
red: 185836-190811, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 184902-185836, 11401 profiles averaged
red: 185836-190811, 11400 profiles averaged

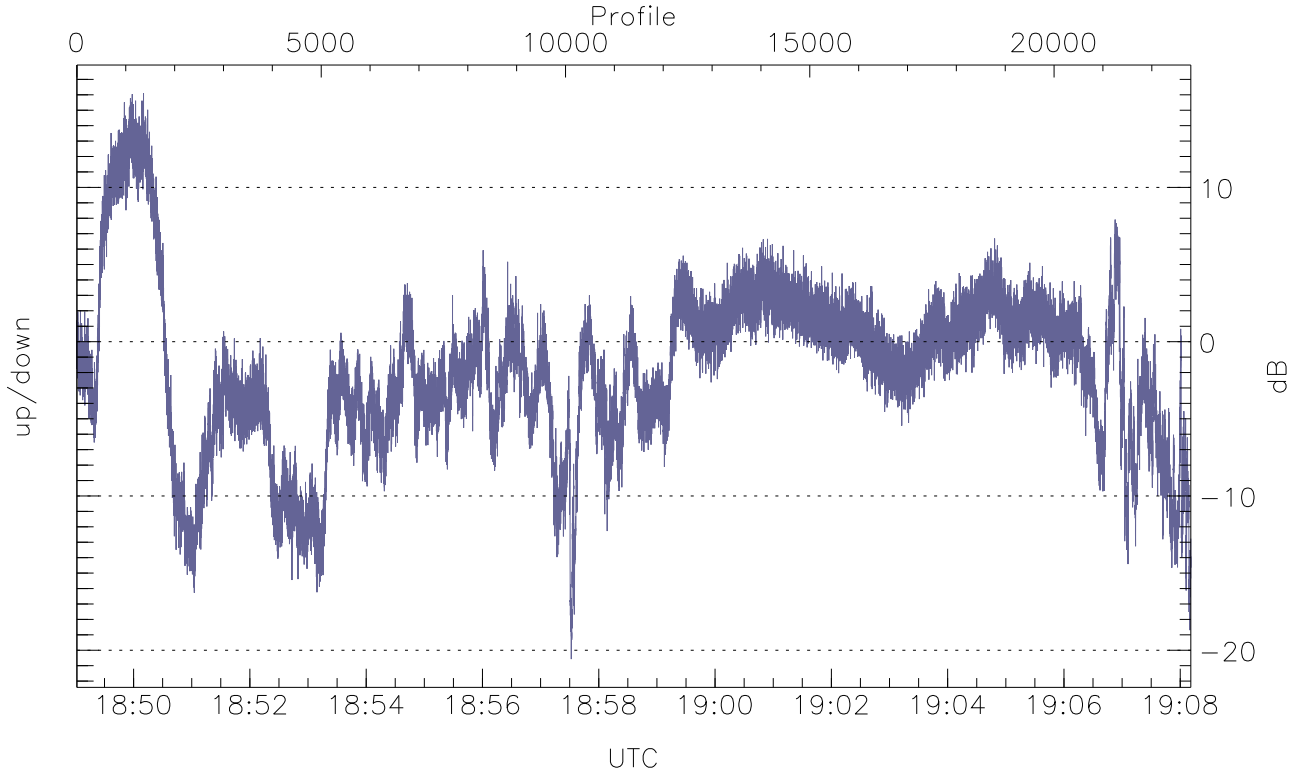


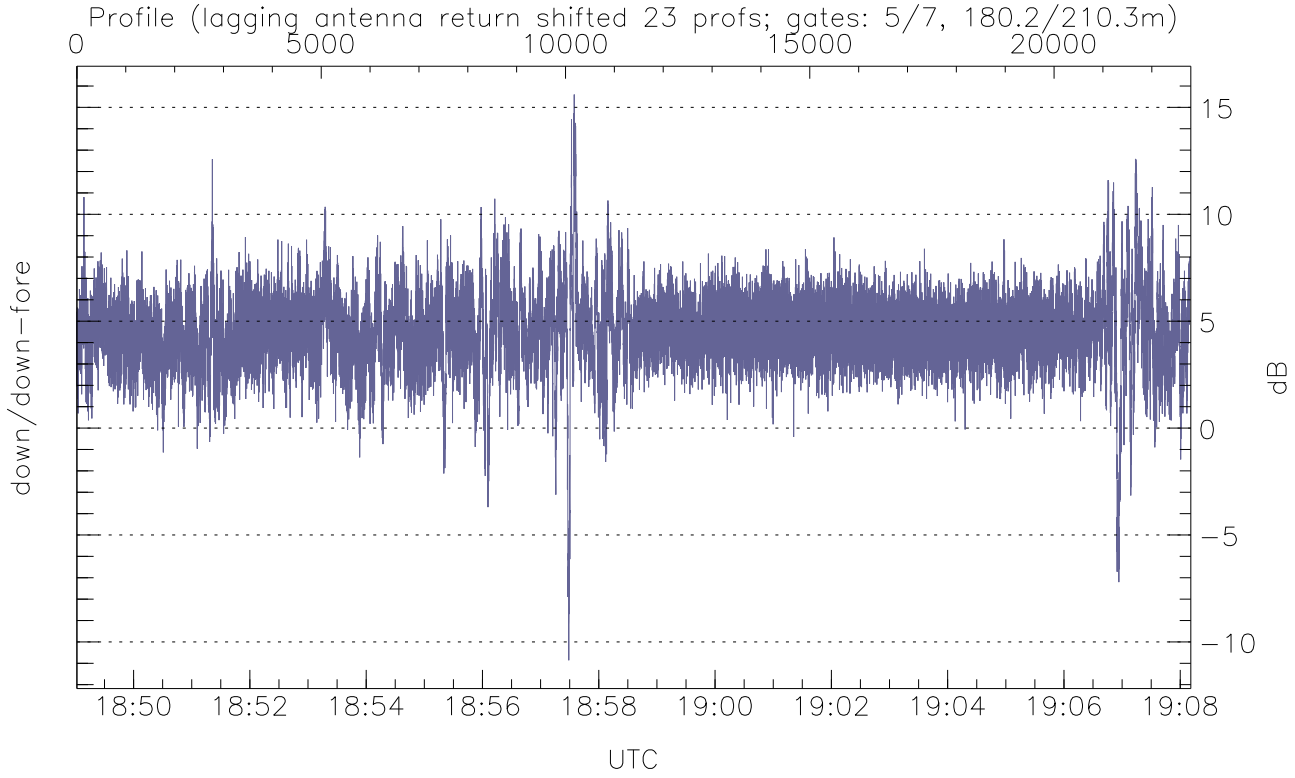
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

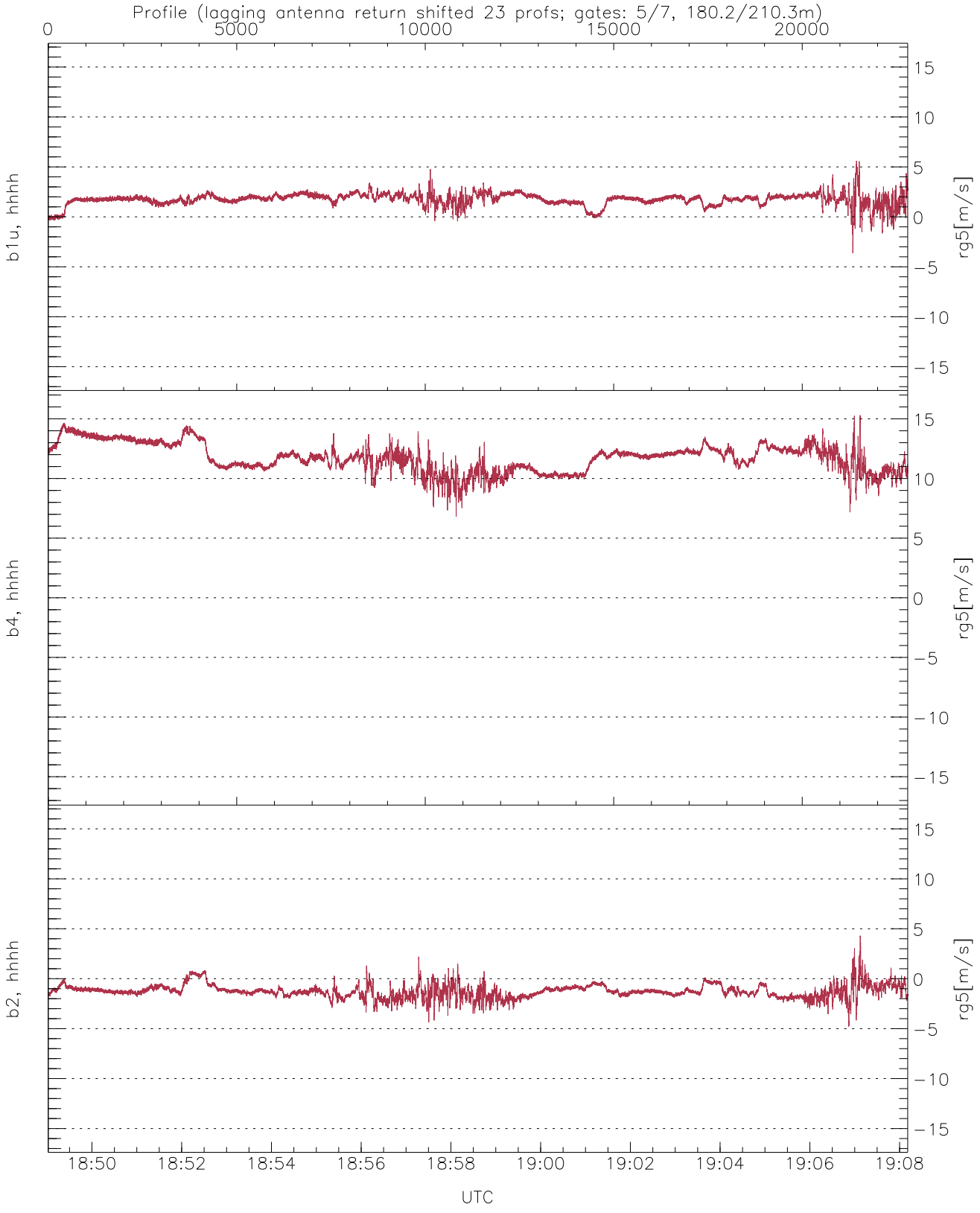
	Min	Max	Mean
up(hh[dBm])	-46.28	-13.41	-24.82
down-fore(hh[dBm])	-49.47	-10.43	-25.25
down(hh[dBm])	-44.89	-6.22	-21.69





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

	Min	Max	Mean
up/down(dB)	-20.57	16.10	-1.82
down/down-fore(dB)	-10.86	15.60	4.50



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.64	5.60	1.73	0.64
b4, hhhh(rg5[m/s])	6.80	15.30	11.73	1.19
b2, hhhh(rg5[m/s])	-4.79	4.30	-1.25	0.68