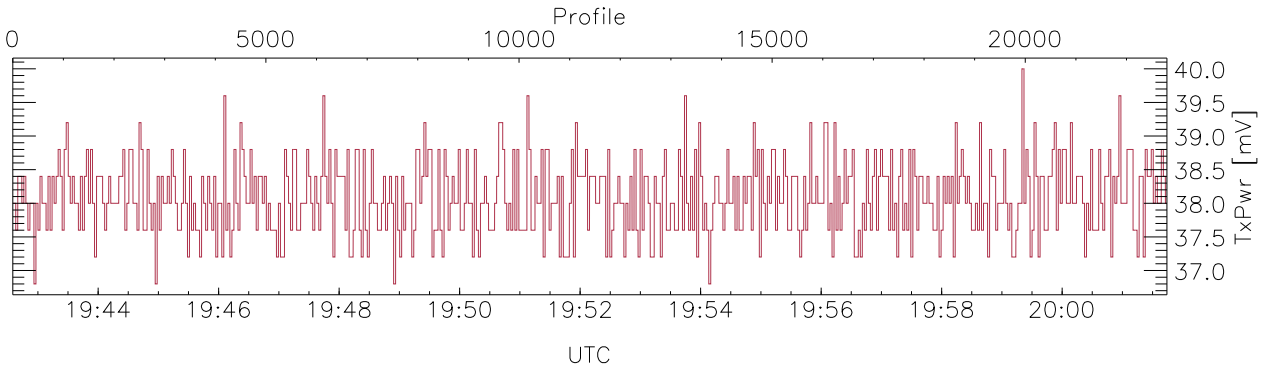
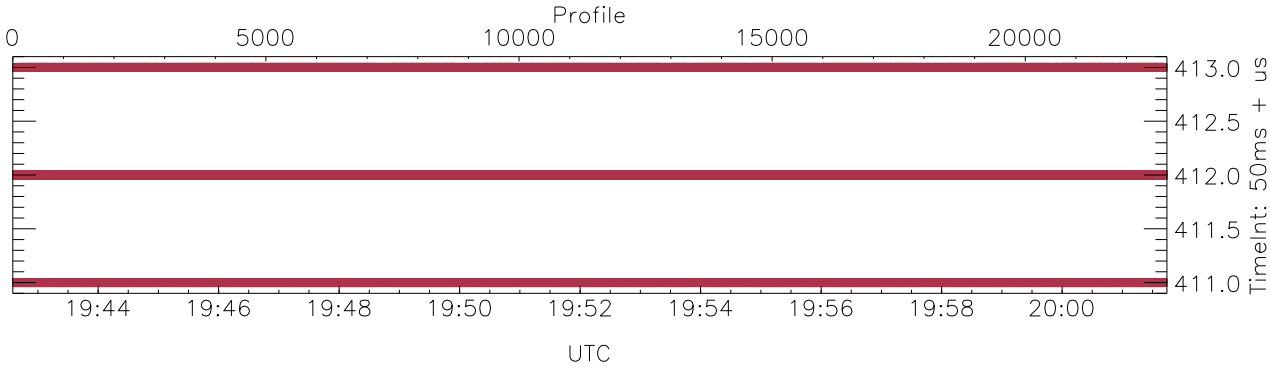
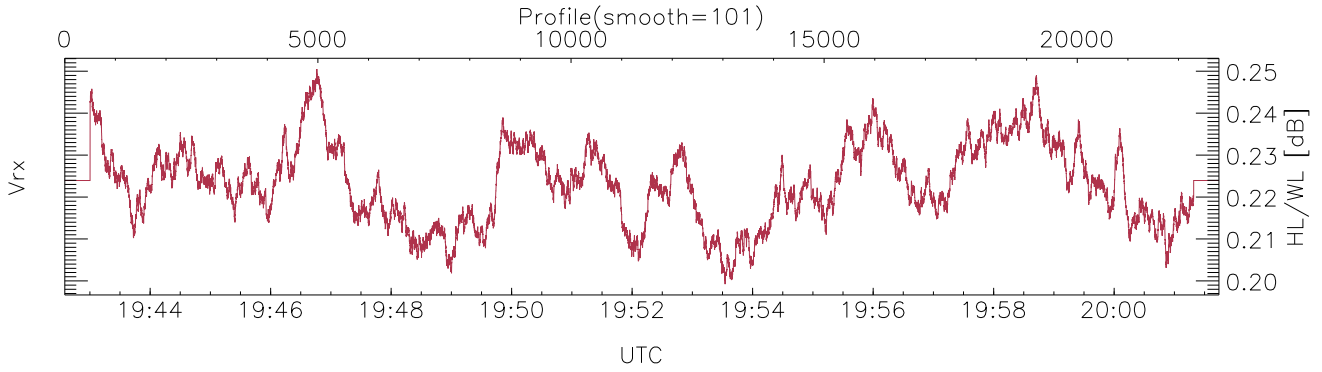
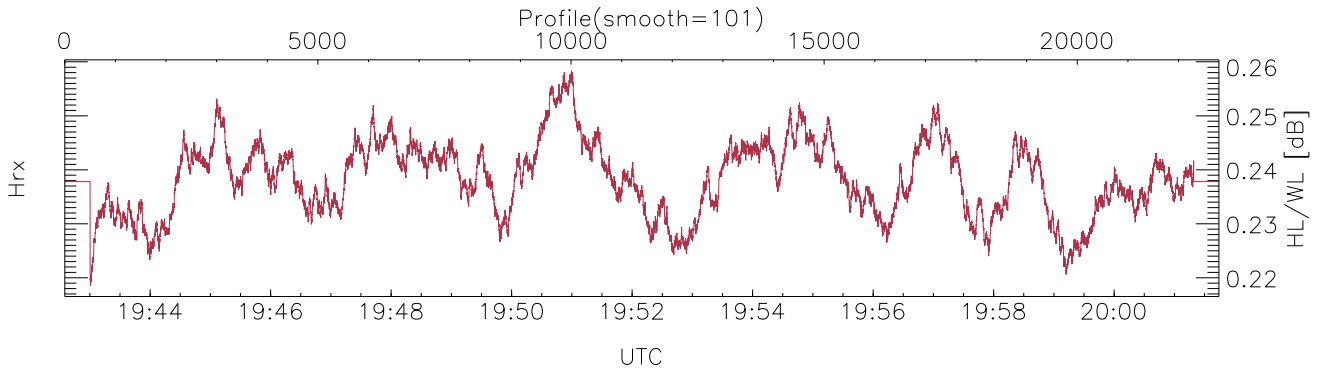


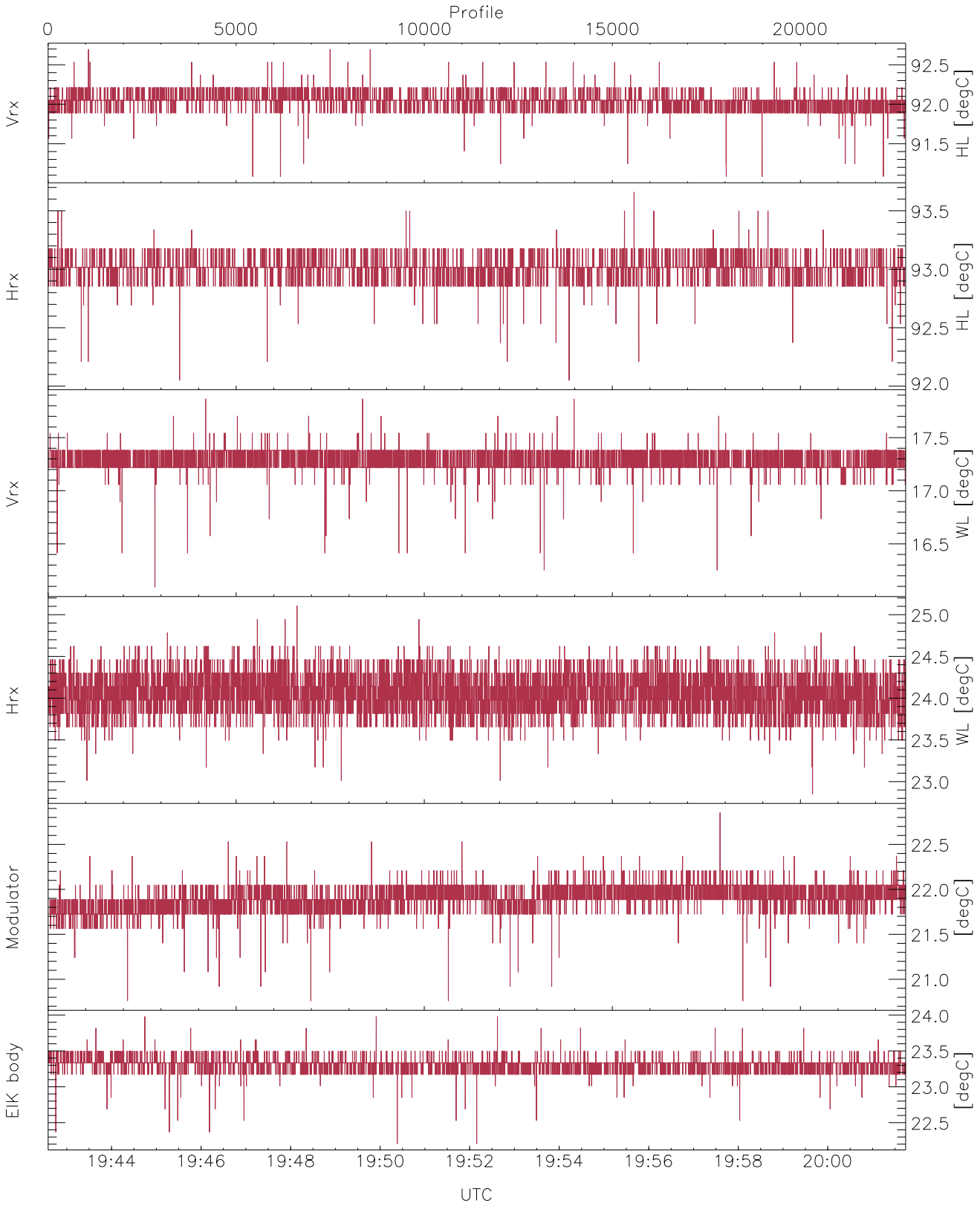






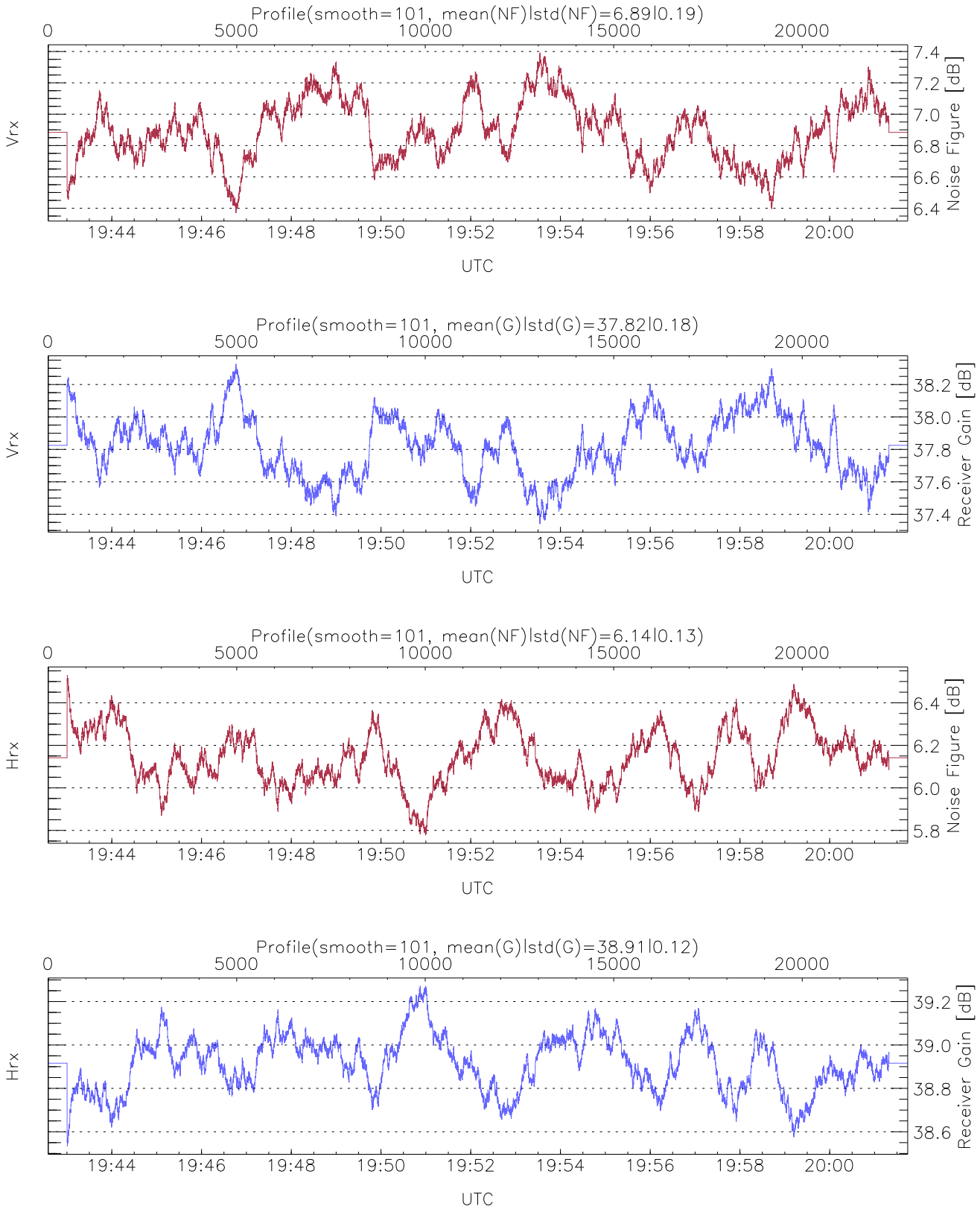
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:42:35-20:07:40, Dur: 1505.27s
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): 22800/29860, 0-22799/19:42:35-20:01:44
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



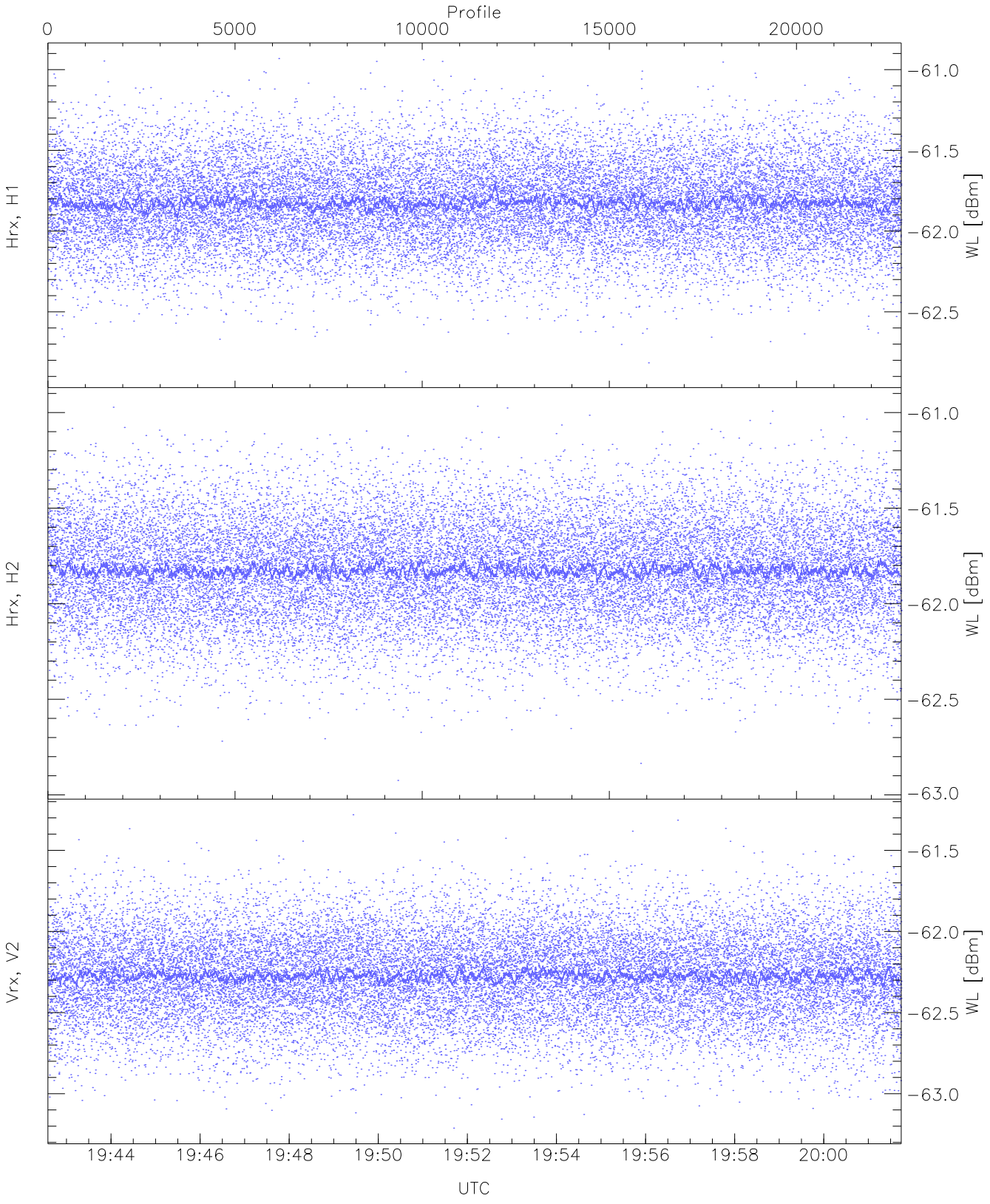
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,16,22,20,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,25,22,23
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (21,21,21,21,21,21)



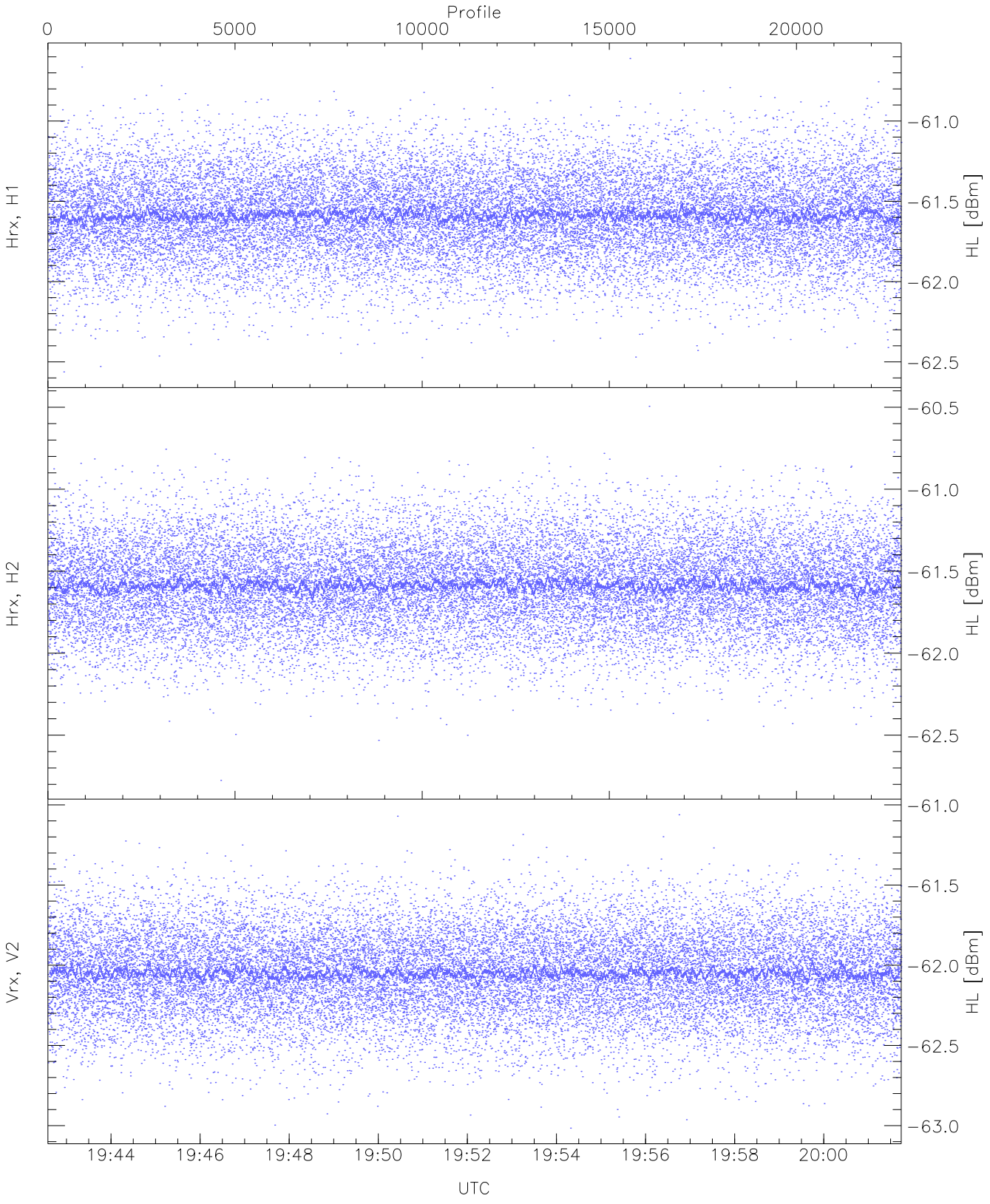
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 17154 pixs, 39 gates, 14464 profs, 2 prods



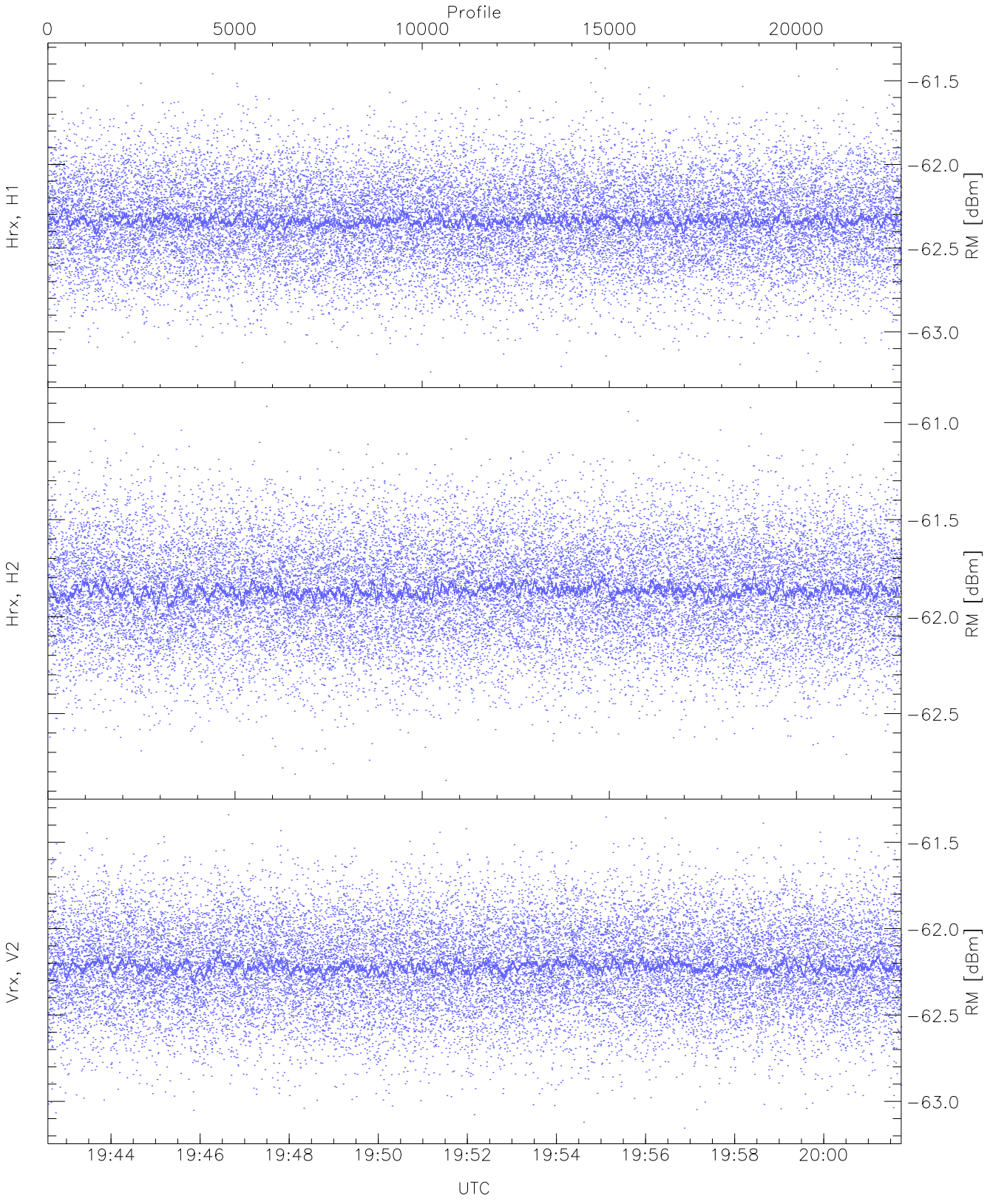
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.87	-60.93	-61.82	-61.83	-74.40
Hrx, H2(WL [dBm])	-62.92	-60.97	-61.82	-61.83	-74.40
Vrx, V2(WL [dBm])	-63.21	-61.28	-62.27	-62.27	-74.81



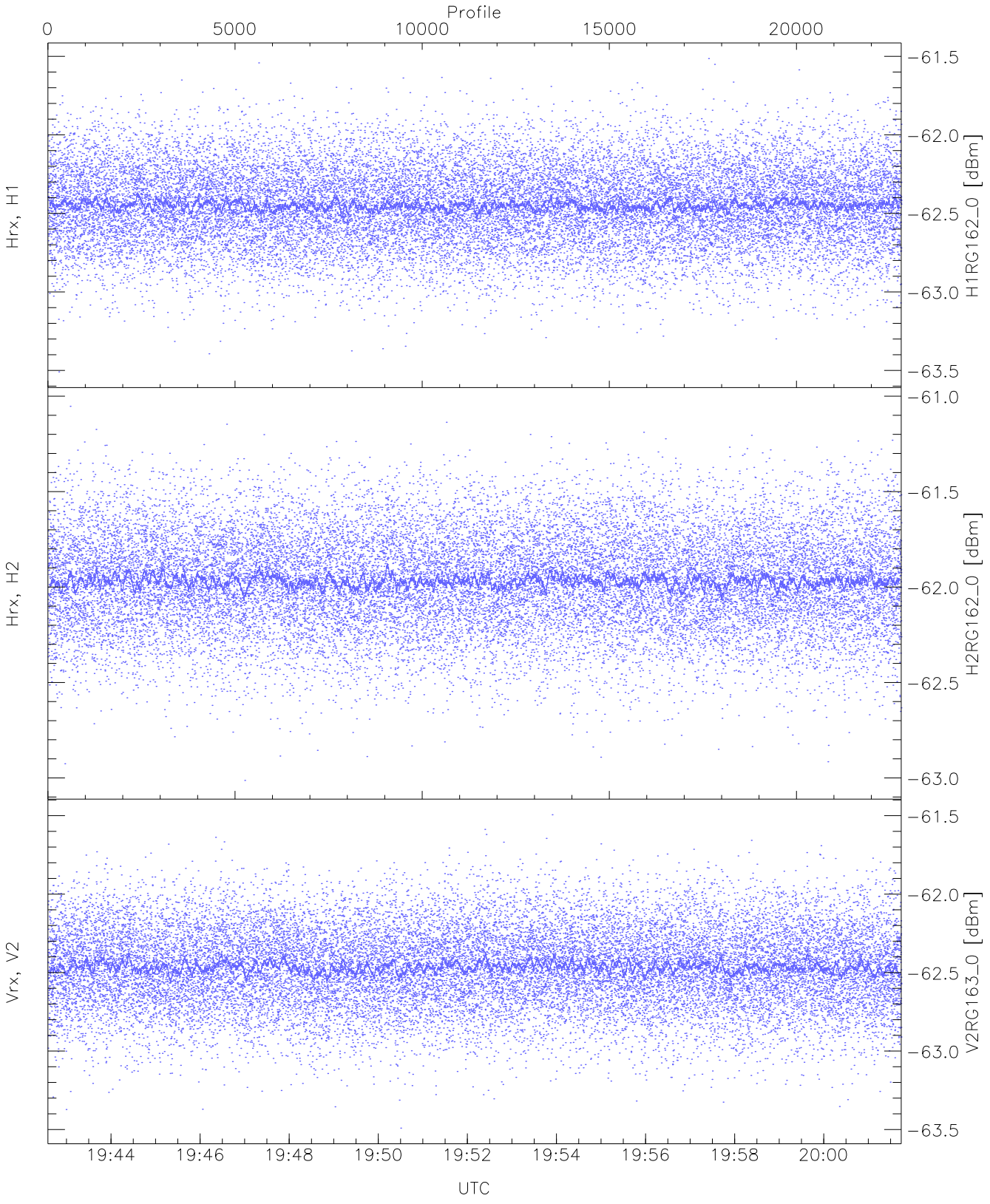
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.56	-60.61	-61.58	-61.59	-74.13
Hrx, H2(HL [dBm])	-62.78	-60.49	-61.58	-61.59	-74.14
Vrx, V2(HL [dBm])	-63.02	-61.06	-62.05	-62.05	-74.61



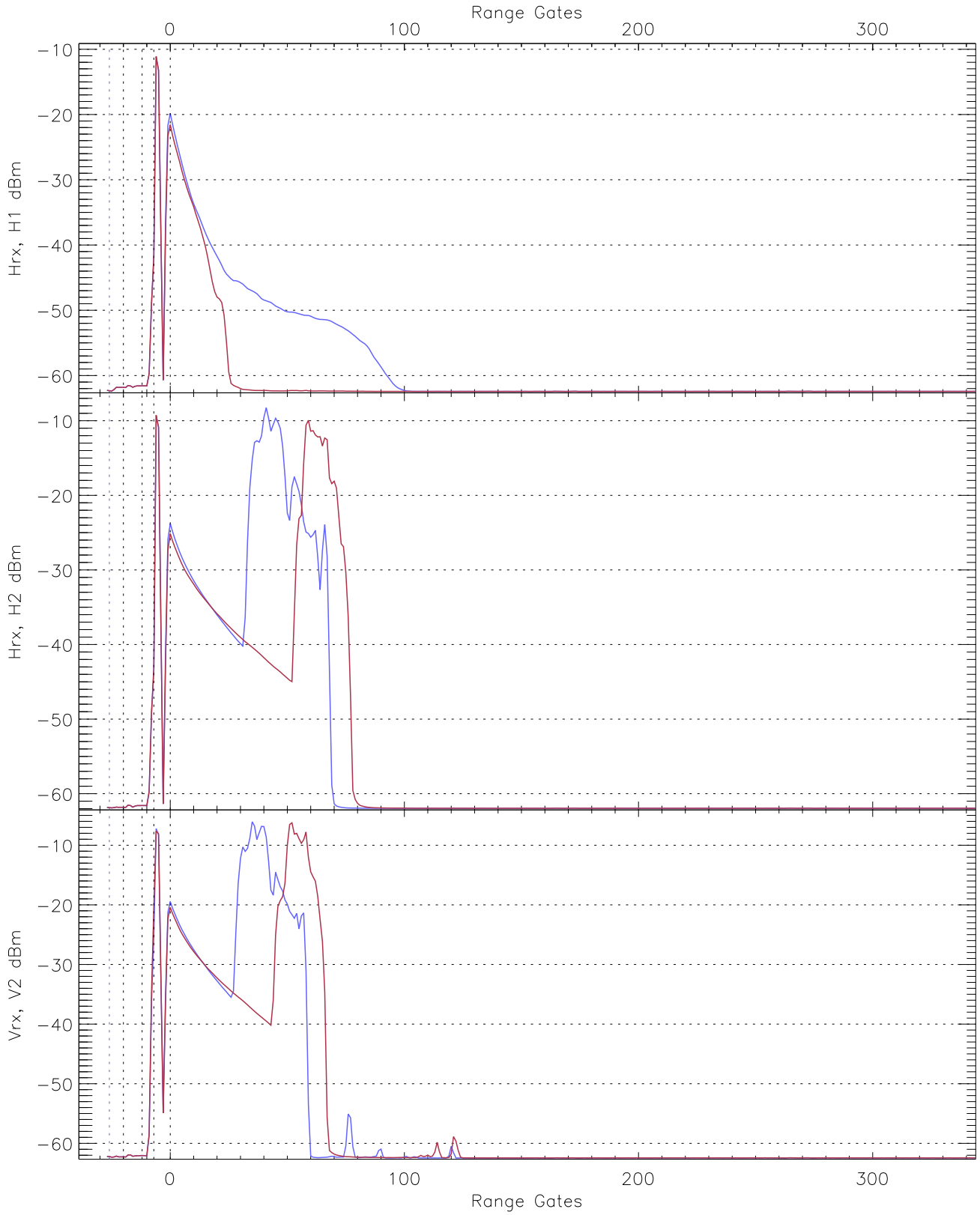
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.24	-61.37	-62.33	-62.34	-74.92
Hrx, H2(RM [dBm])	-62.84	-60.92	-61.86	-61.87	-74.42
Vrx, V2(RM [dBm])	-63.15	-61.34	-62.21	-62.22	-74.77

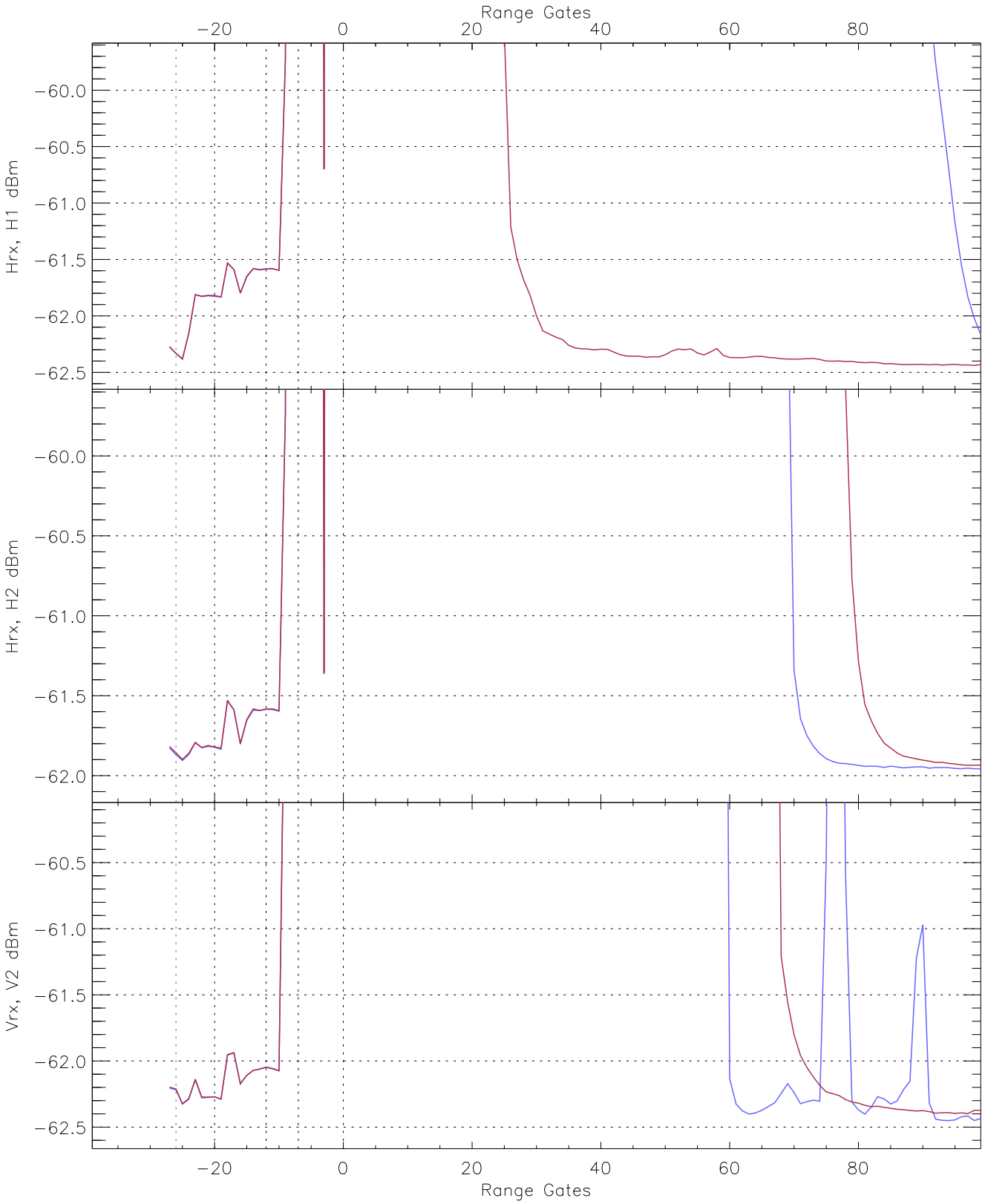


WCR2 CPP "Best" estimate Receivers Noise Power

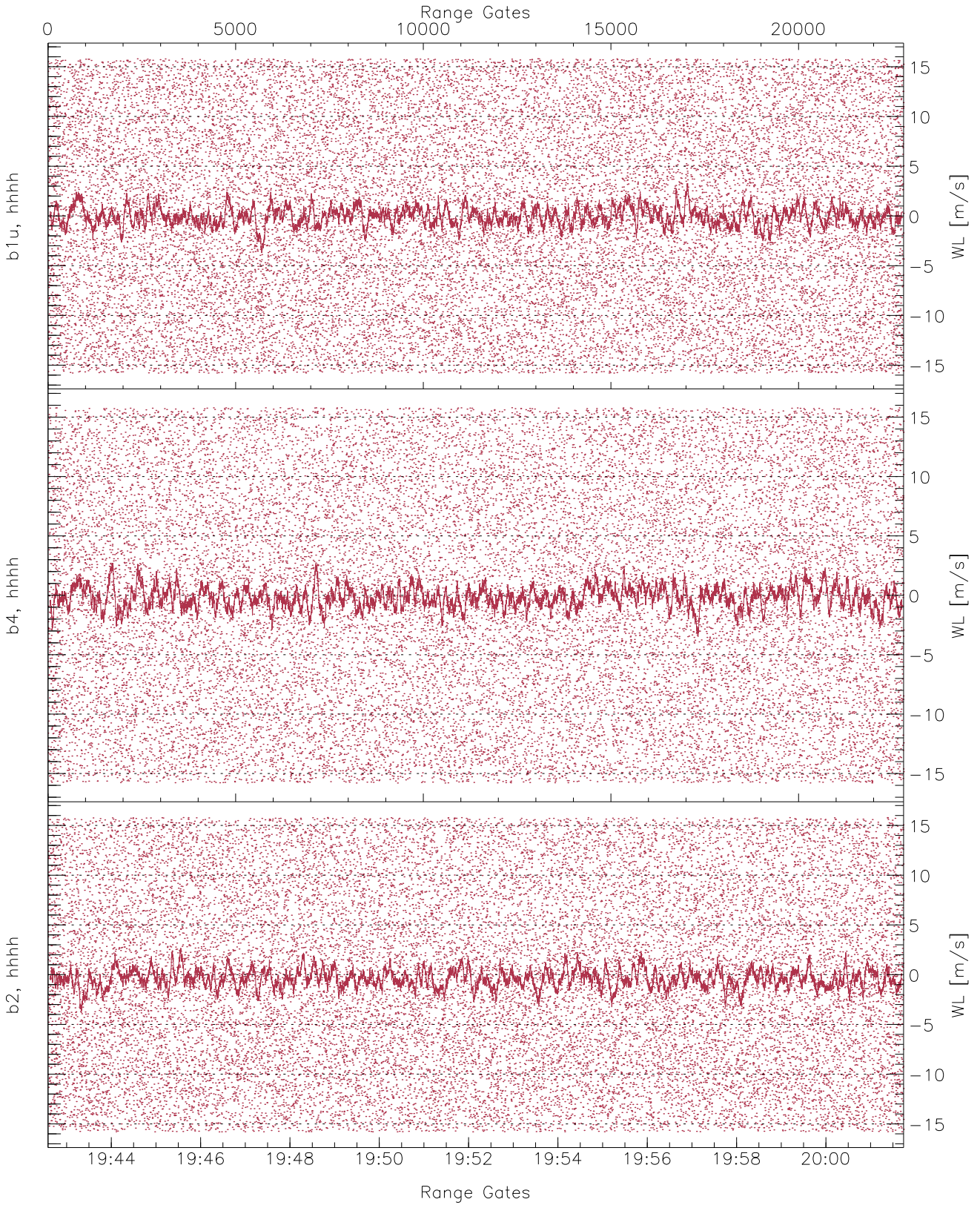
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.51	-61.51	-62.45	-62.45	-75.00
H2RG162_0 [dBm]	-63.01	-61.05	-61.97	-61.97	-74.52
V2RG163_0 [dBm]	-63.49	-61.49	-62.46	-62.47	-74.97



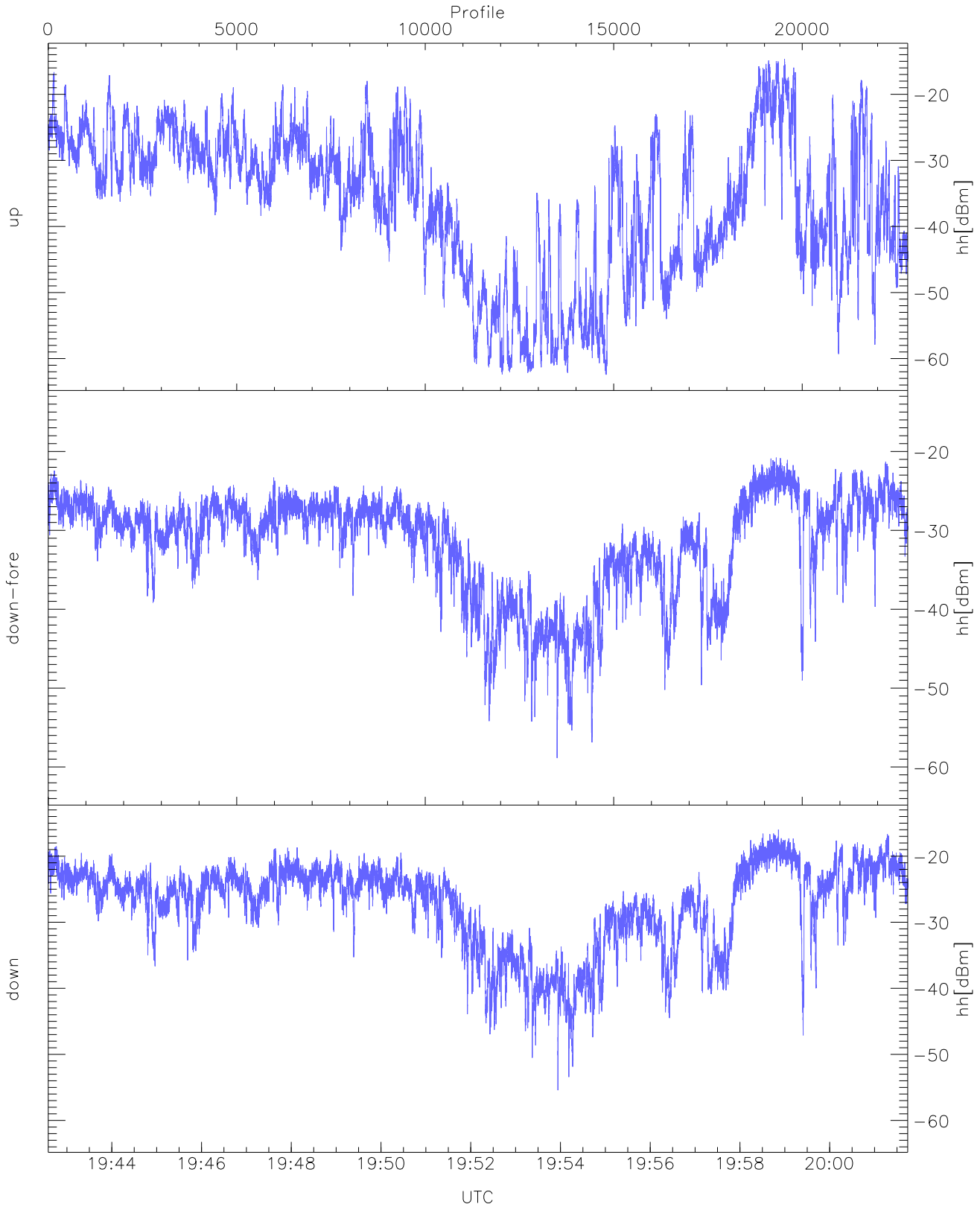
WCR2 CPP Averaged Received power for all recorded gates
blue: 194235-195210, 11401 profiles averaged
red: 195210-200144, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 194235-195210, 11401 profiles averaged
red: 195210-200144, 11400 profiles averaged

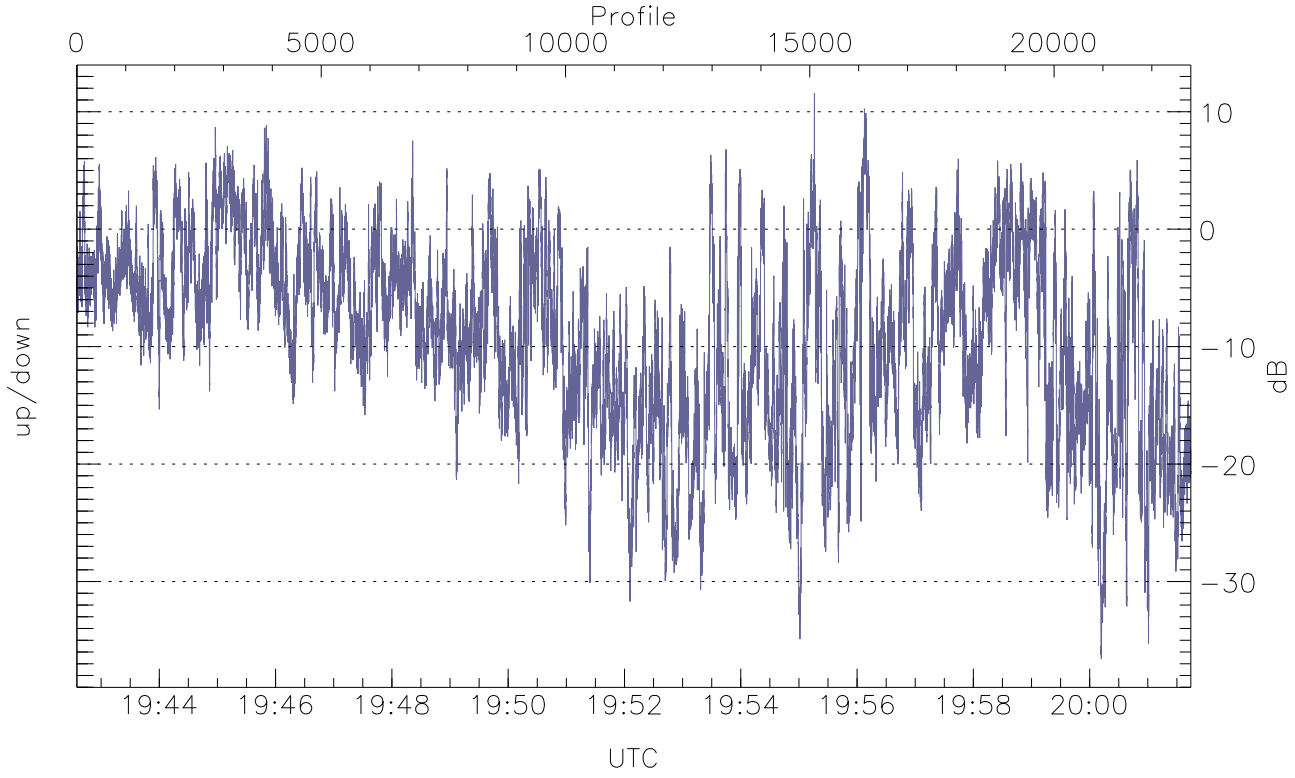


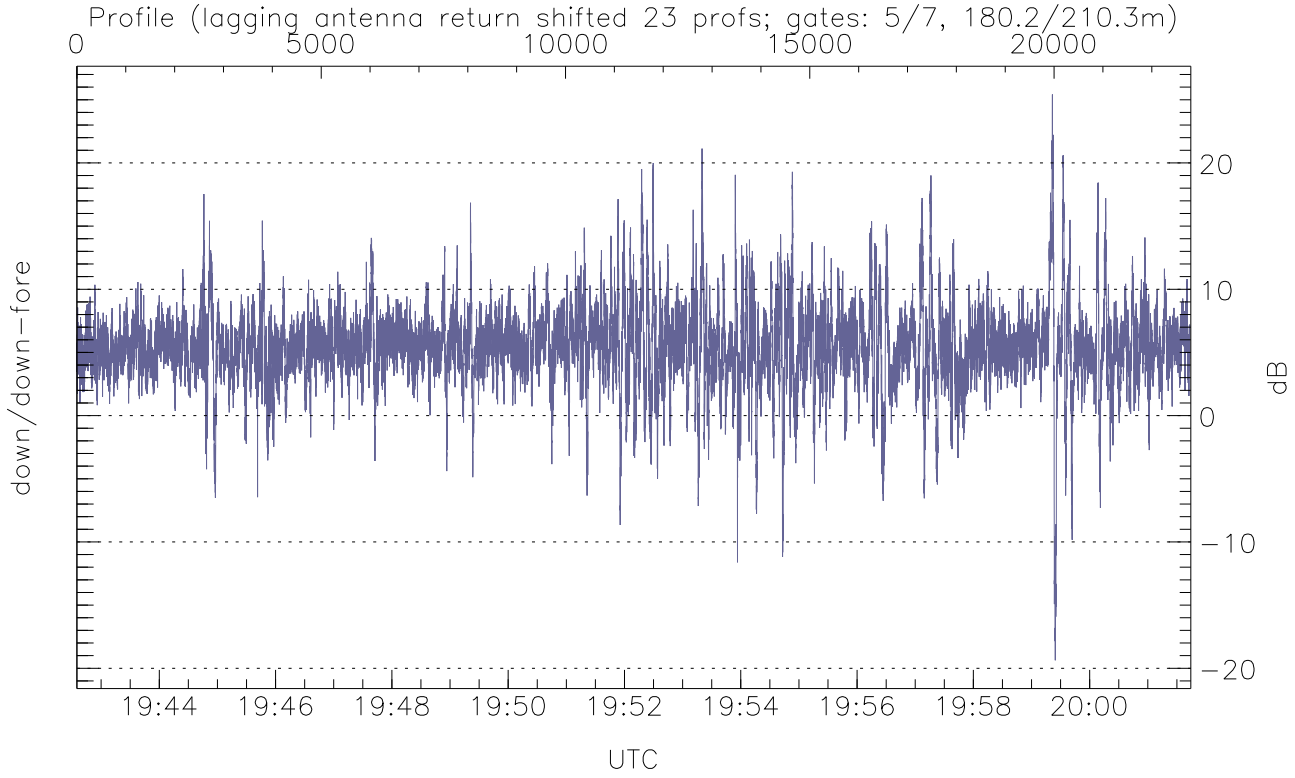
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

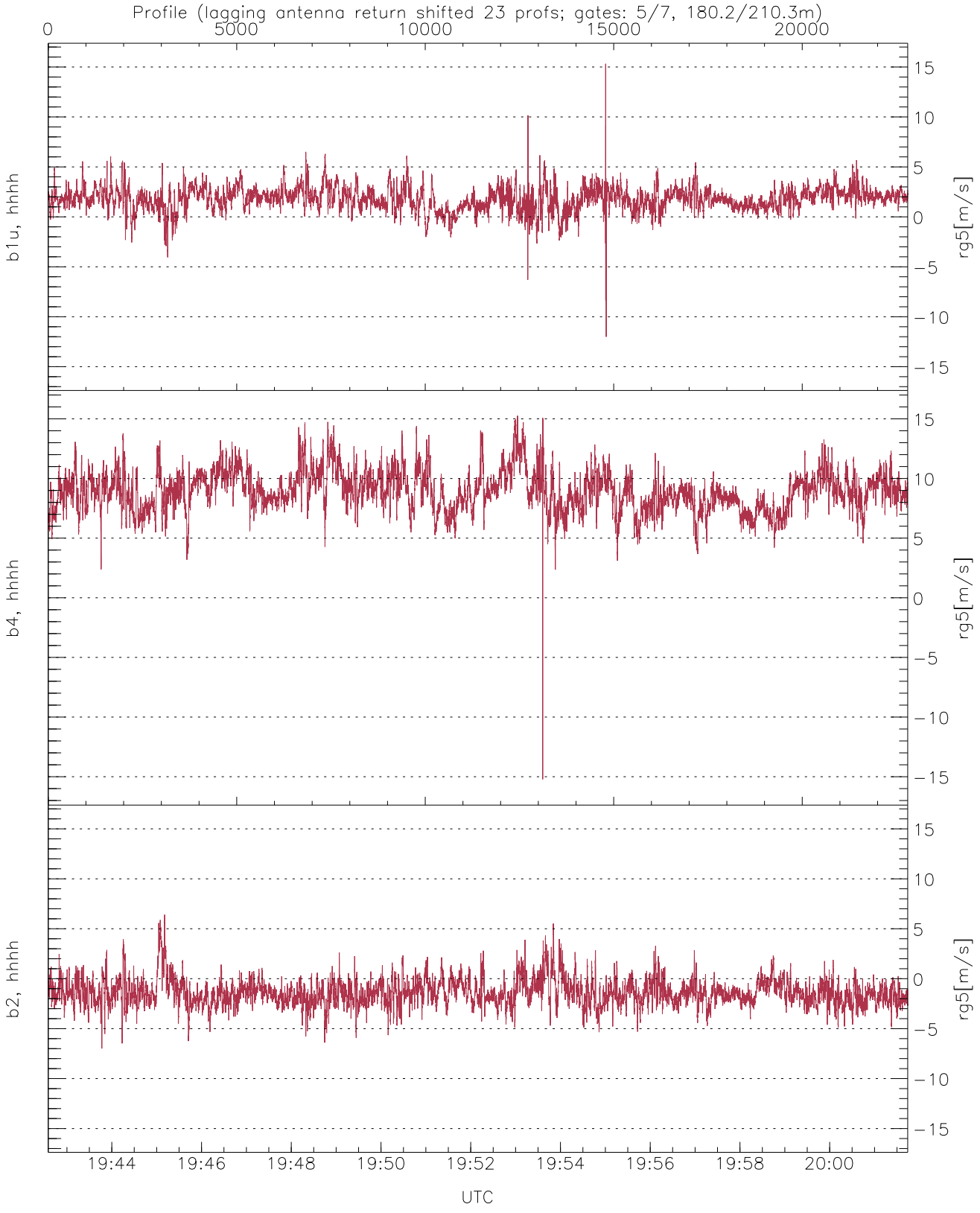
	Min	Max	Mean
up(hh[dBm])	-62.44	-14.65	-28.05
down-fore(hh[dBm])	-58.87	-20.78	-28.75
down(hh[dBm])	-55.43	-15.96	-24.49





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

	Min	Max	Mean
up/down(dB)	-36.60	11.57	-9.04
down/down-fore(dB)	-19.37	25.42	5.47



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-12.01	15.32	1.79	1.16
b4, hhhh(rg5[m/s])	-15.22	15.27	8.93	1.68
b2, hhhh(rg5[m/s])	-6.99	6.41	-1.37	1.34