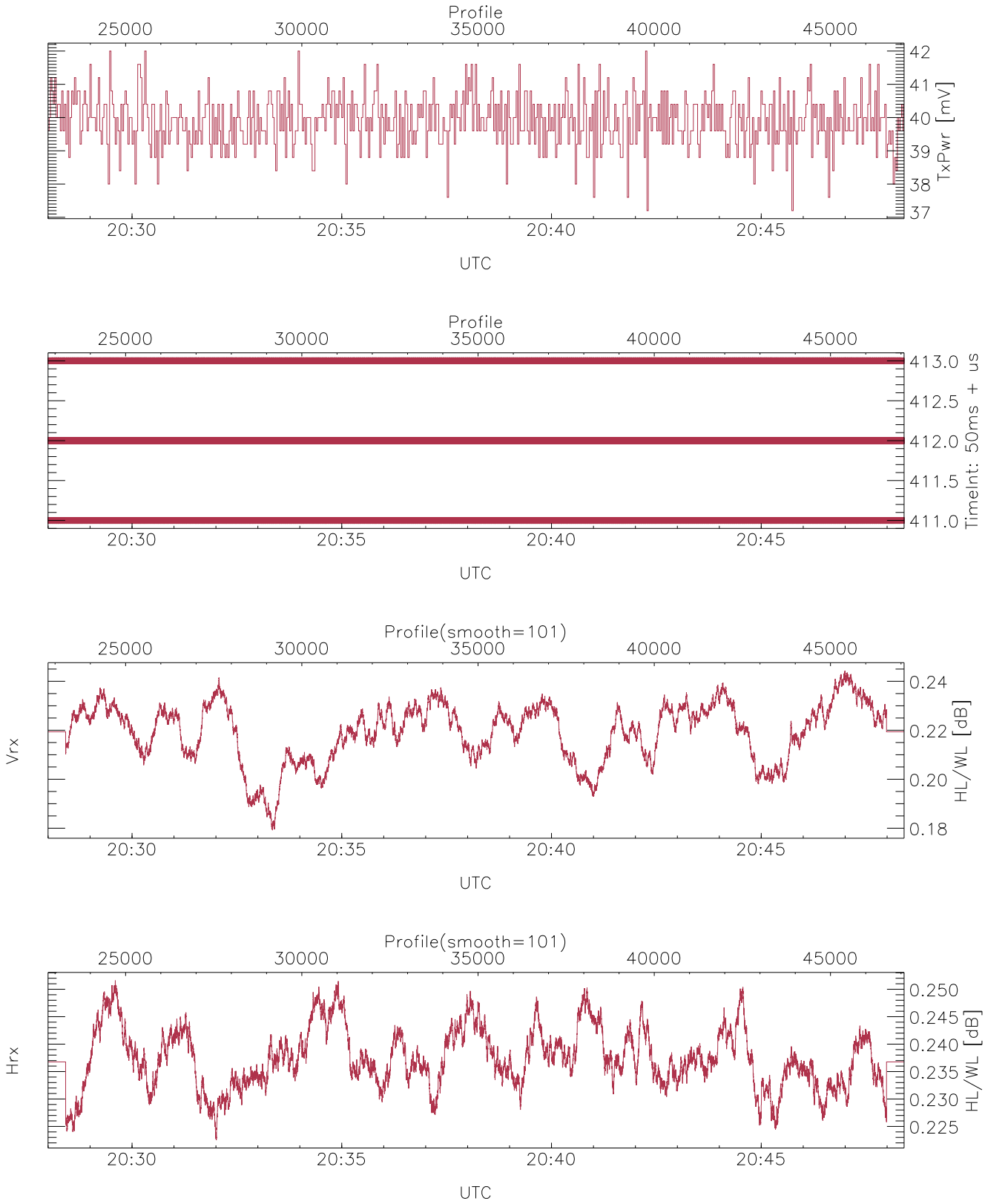
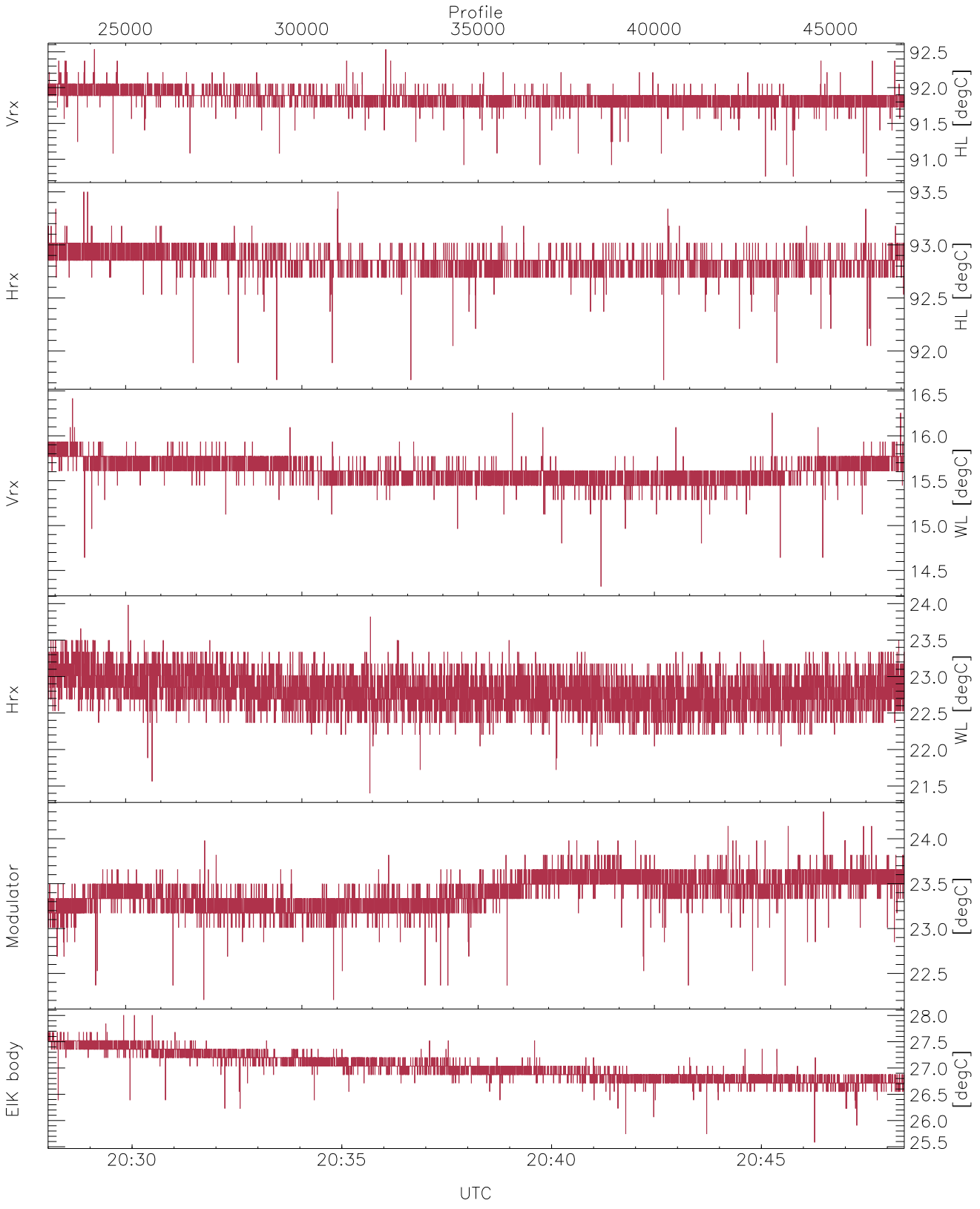


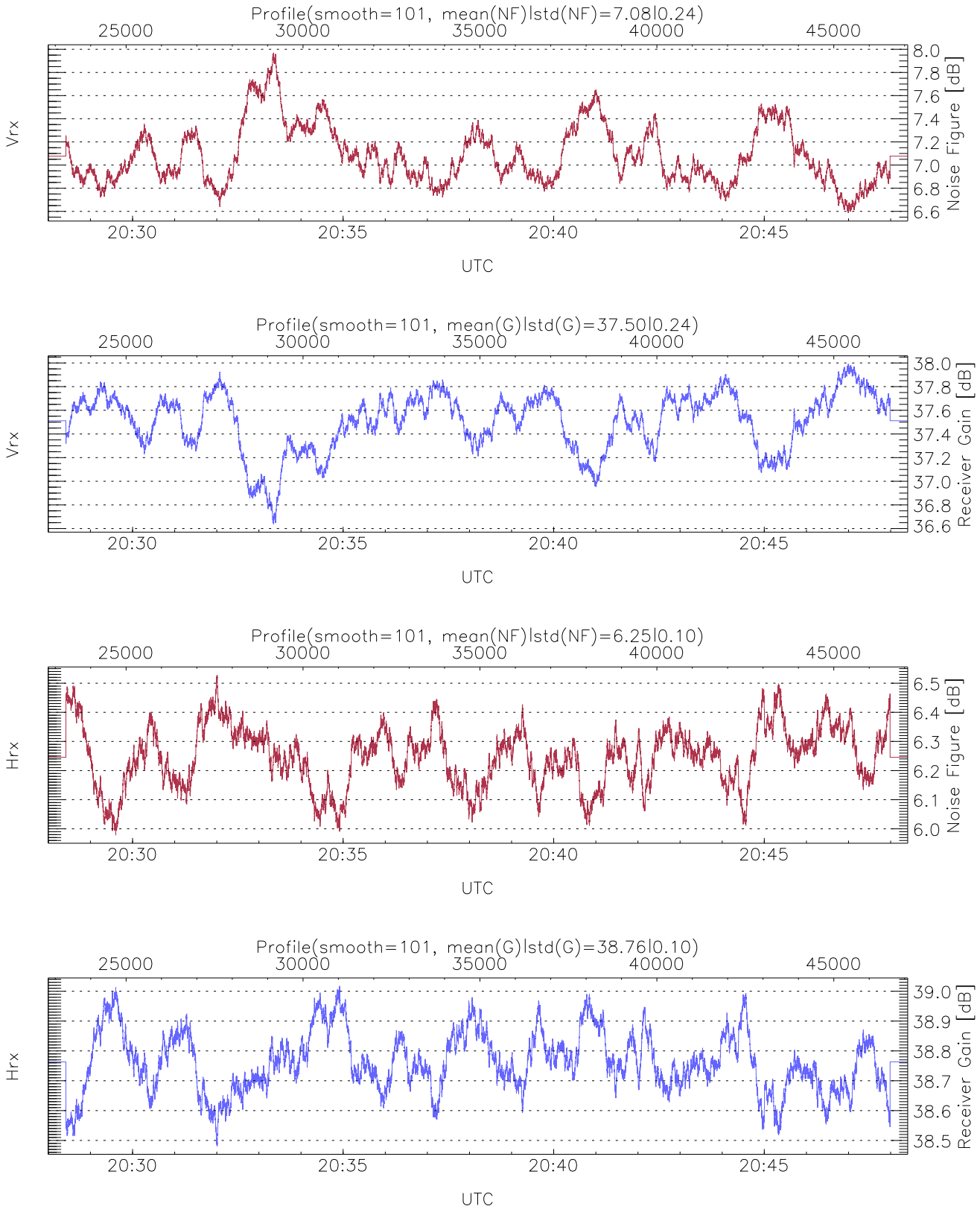
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:08:50-20:48:24, Dur: 2373.88s
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): 24290/47090, 22800-47089/20:28:00-20:48:24
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



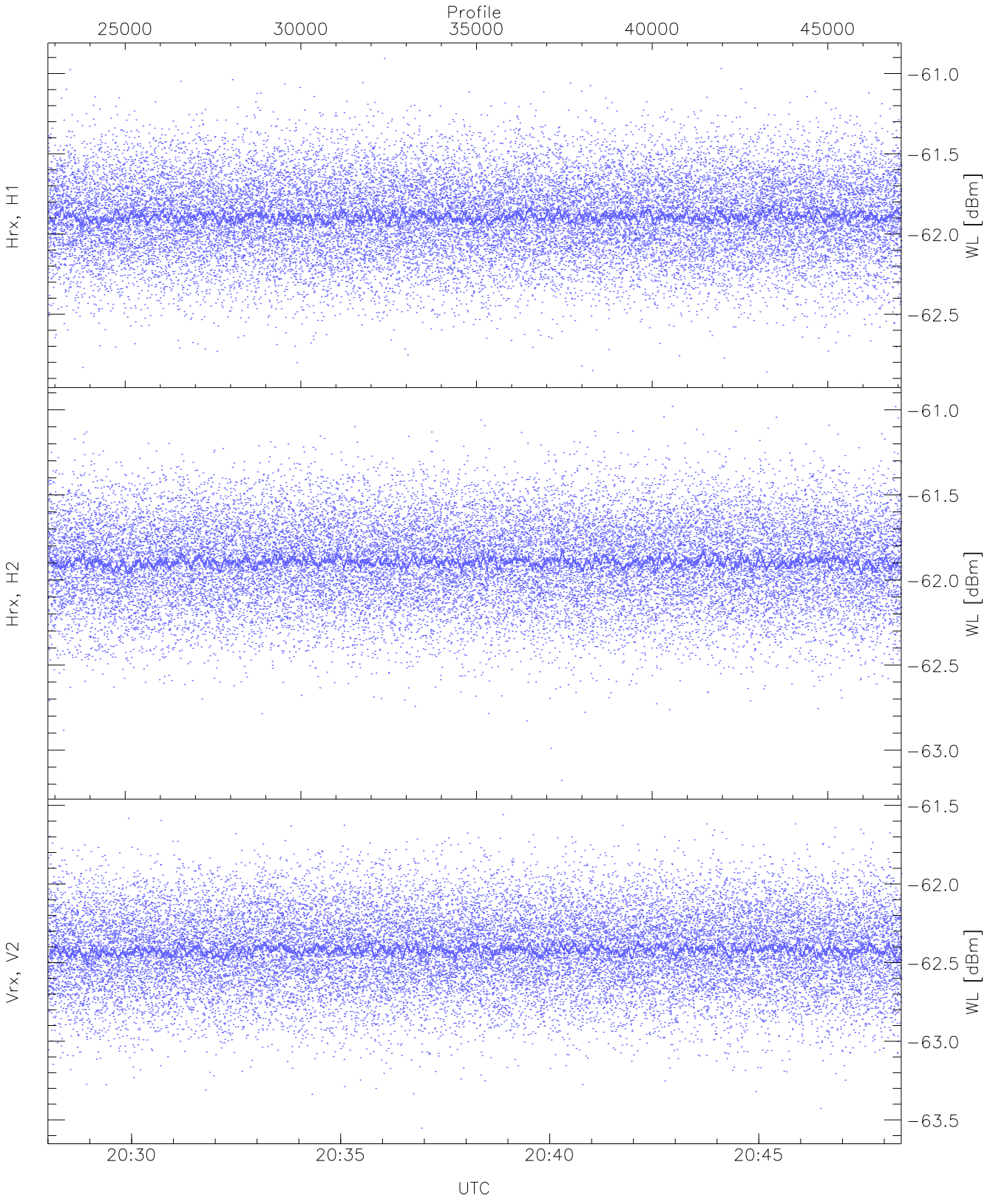
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,22,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,24,28
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,20,26,26,20,30)



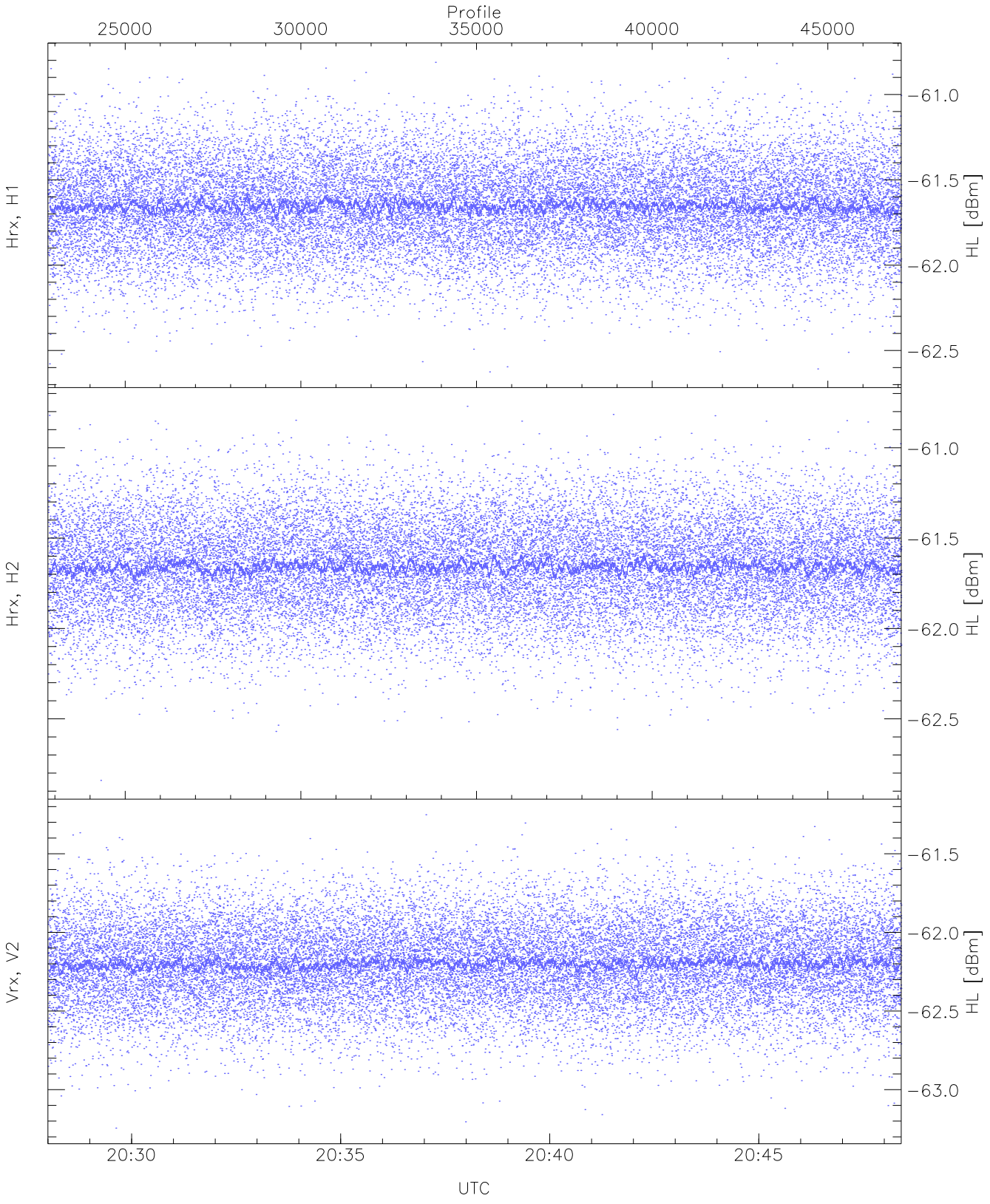
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3099 pixs, 15 gates, 3075 profs, 1 prods



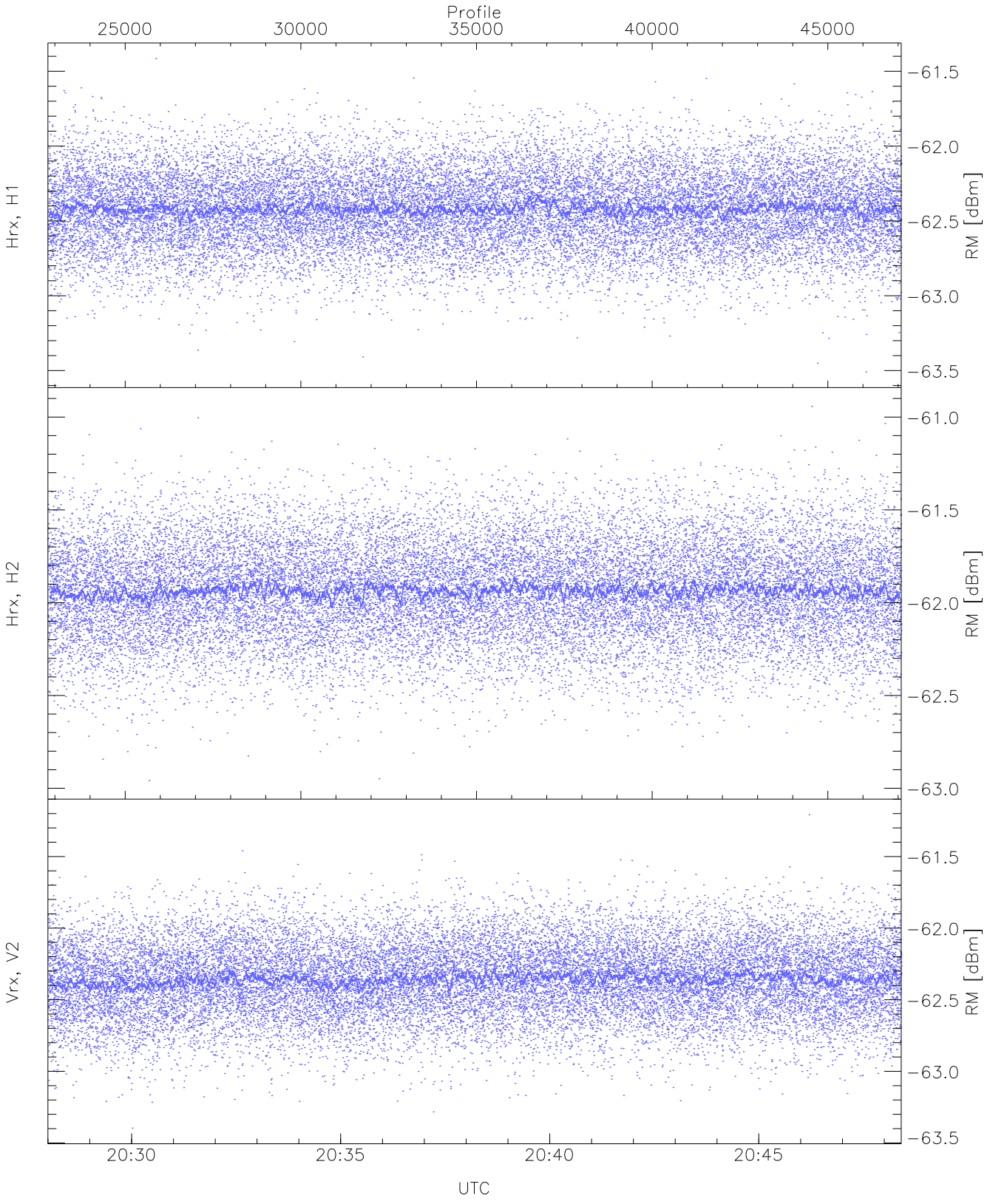
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.86	-60.91	-61.89	-61.89	-74.44
Hrx, H2(WL [dBm])	-63.18	-60.98	-61.89	-61.89	-74.47
Vrx, V2(WL [dBm])	-63.55	-61.56	-62.42	-62.42	-74.96



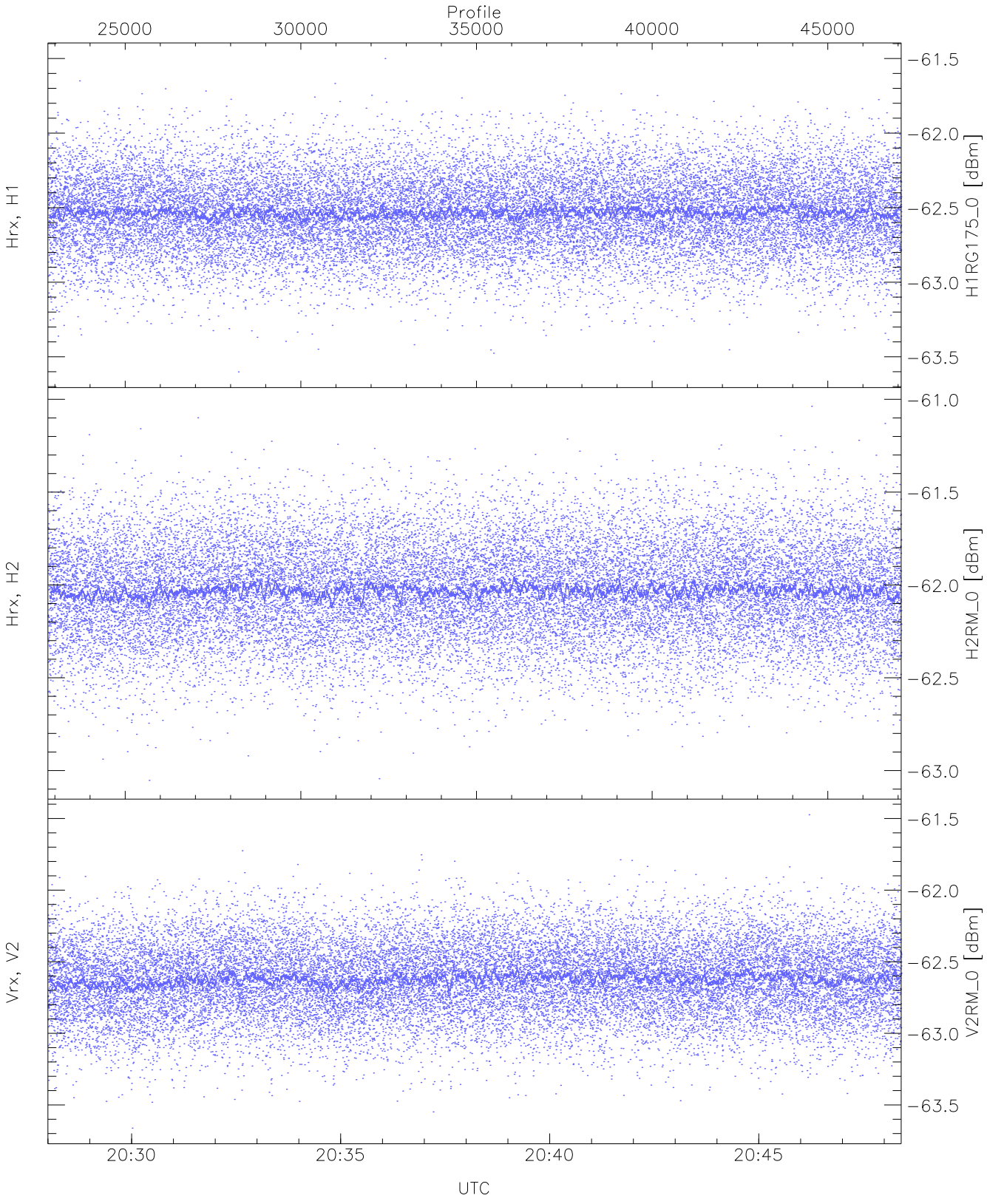
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.63	-60.79	-61.65	-61.66	-74.24
Hrx, H2(HL [dBm])	-62.84	-60.77	-61.66	-61.66	-74.23
Vrx, V2(HL [dBm])	-63.24	-61.25	-62.20	-62.20	-74.74



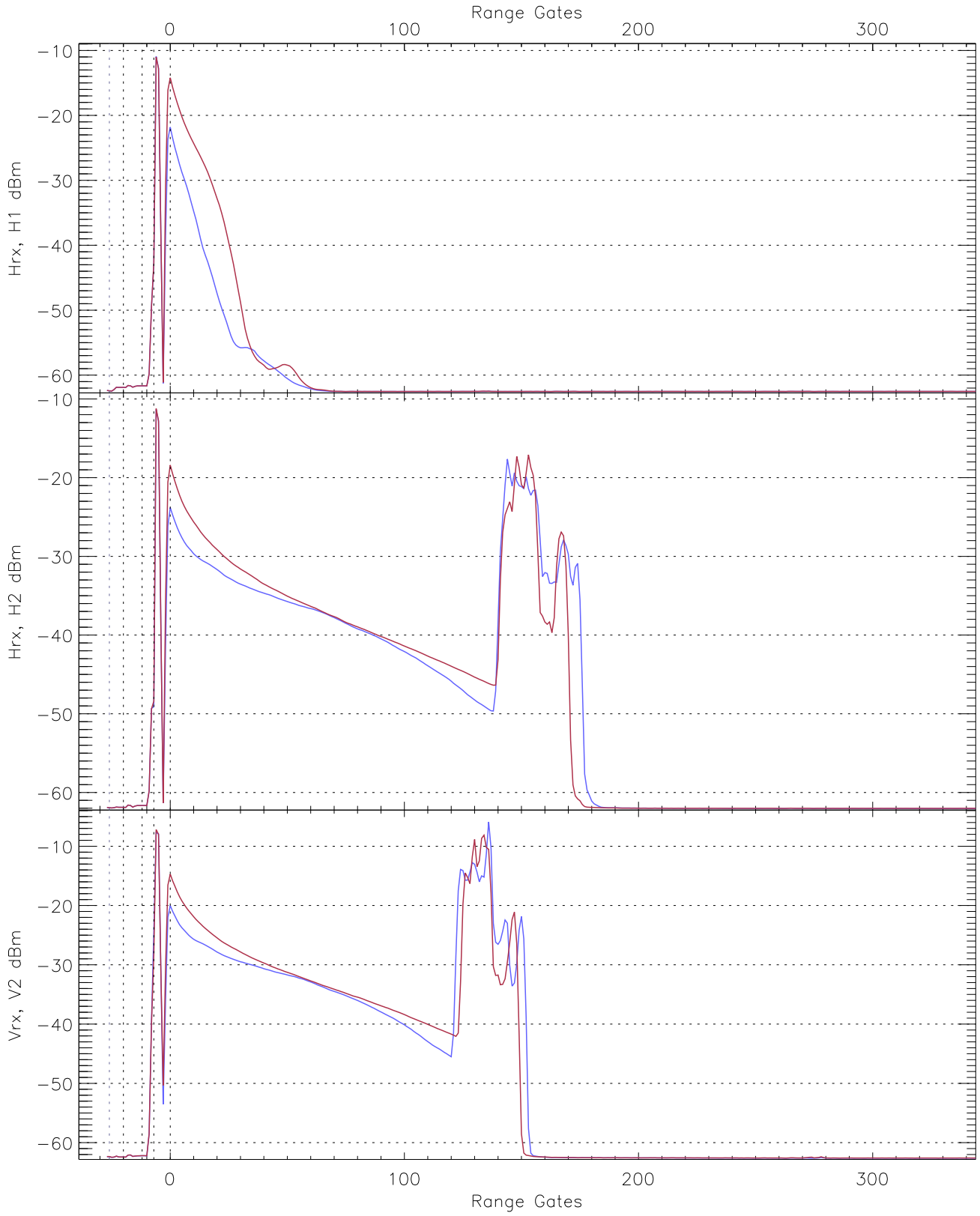
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.51	-61.42	-62.42	-62.42	-75.00
Hrx, H2(RM [dBm])	-62.96	-60.94	-61.93	-61.94	-74.48
Vrx, V2(RM [dBm])	-63.40	-61.21	-62.35	-62.36	-74.91

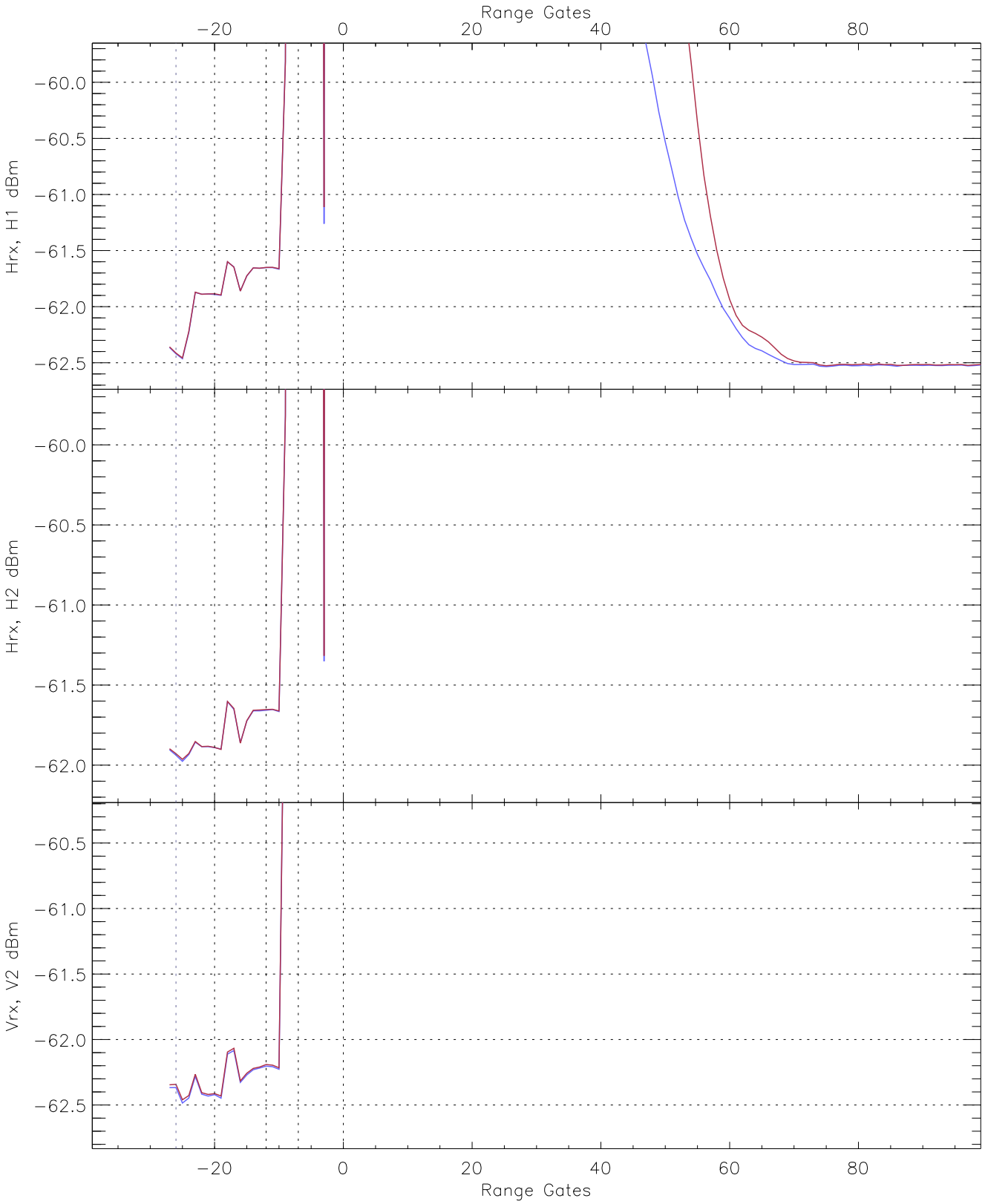


WCR2 CPP "Best" estimate Receivers Noise Power

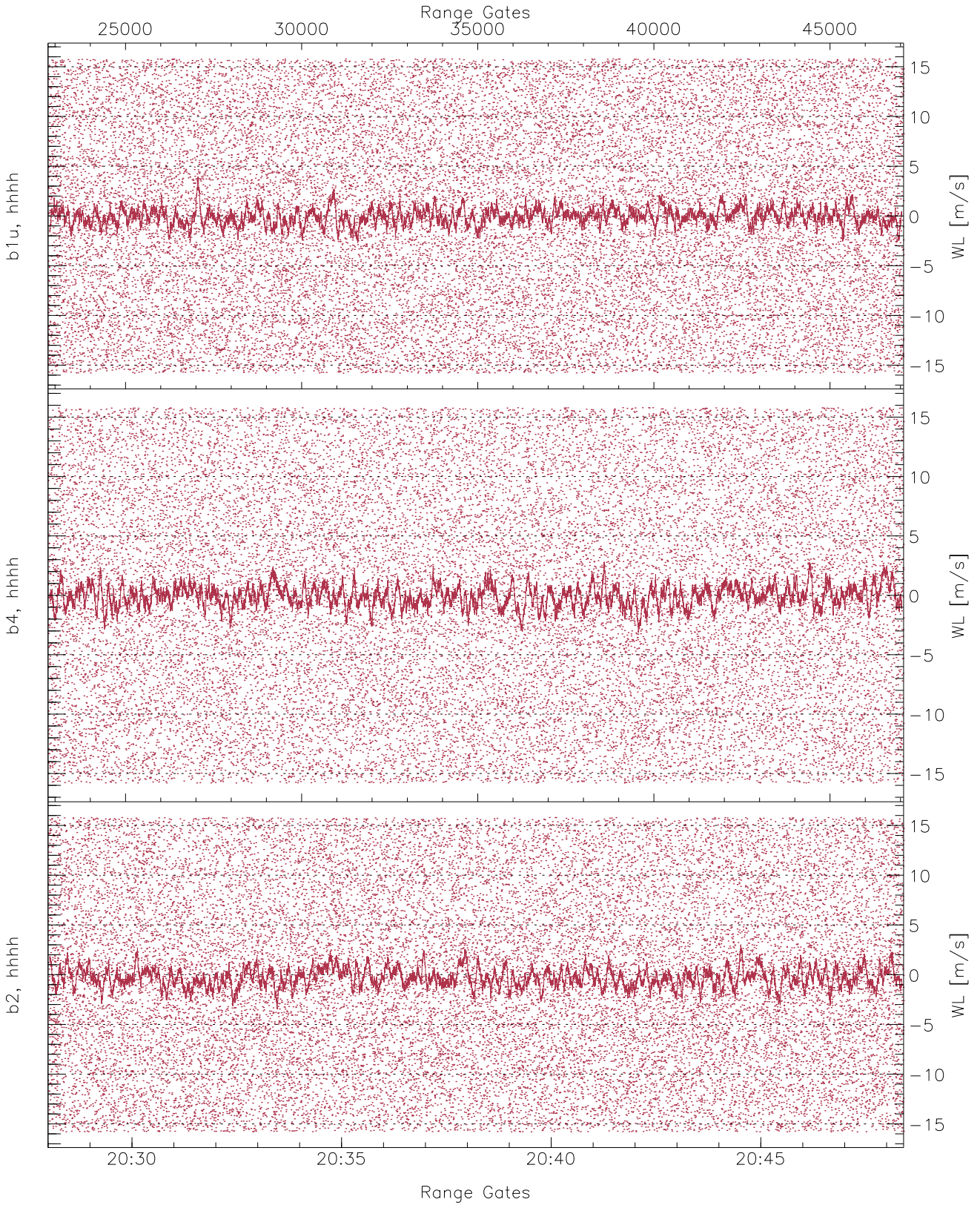
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.60	-61.50	-62.53	-62.54	-75.09
H2RM_0 [dBm]	-63.05	-61.04	-62.03	-62.03	-74.58
V2RM_0 [dBm]	-63.66	-61.47	-62.62	-62.62	-75.17



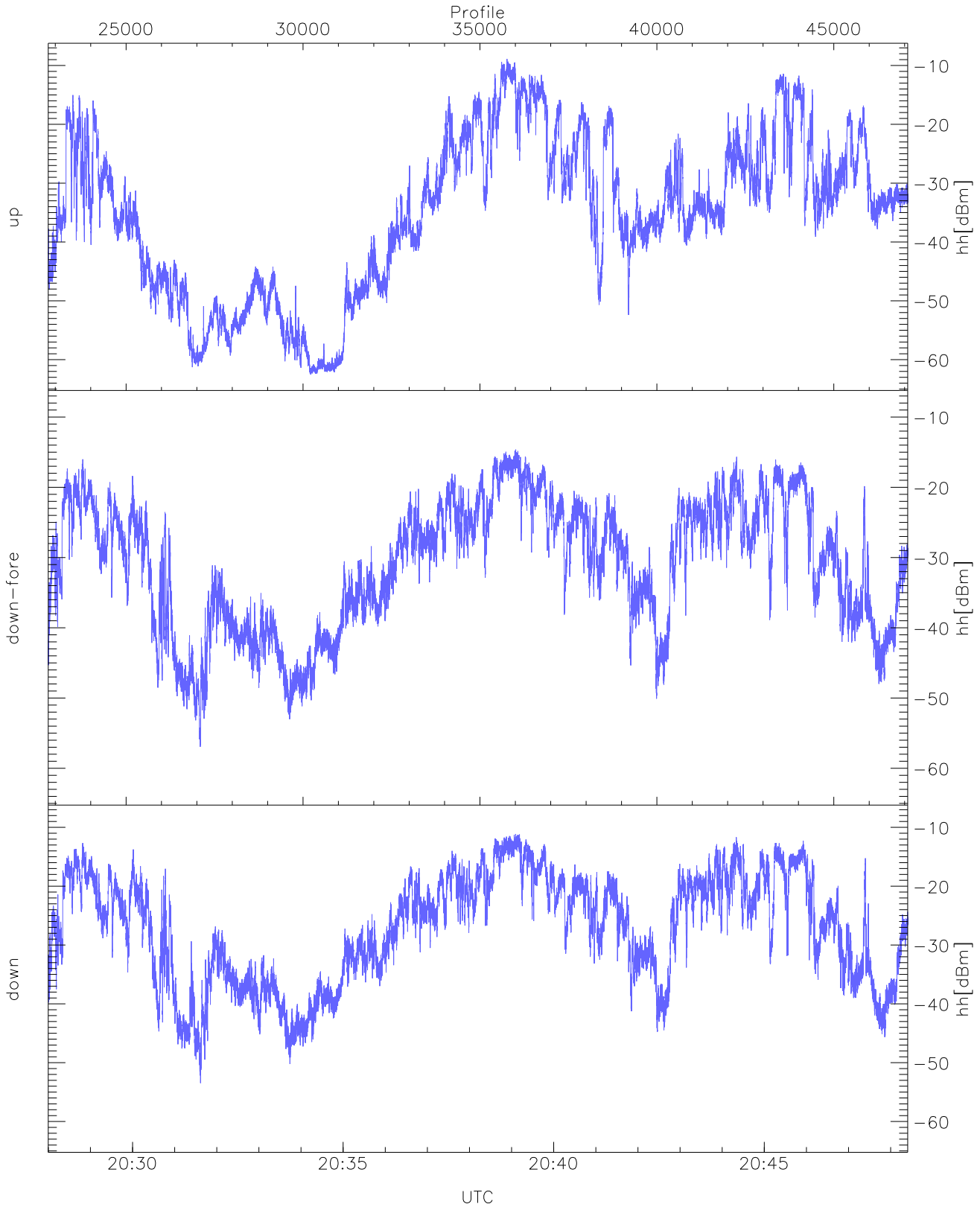
WCR2 CPP Averaged Received power for all recorded gates
blue: 202800-203812, 12146 profiles averaged
red: 203812-204824, 12145 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 202800-203812, 12146 profiles averaged
red: 203812-204824, 12145 profiles averaged

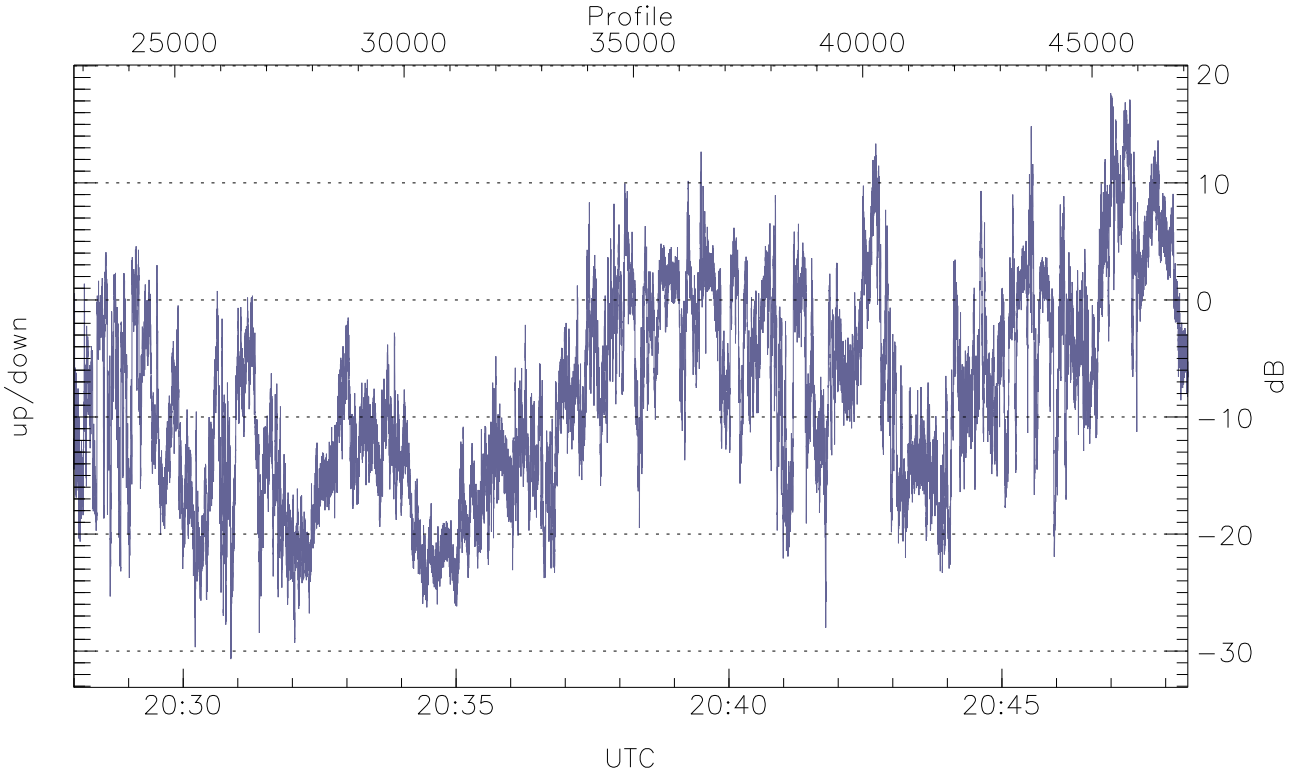


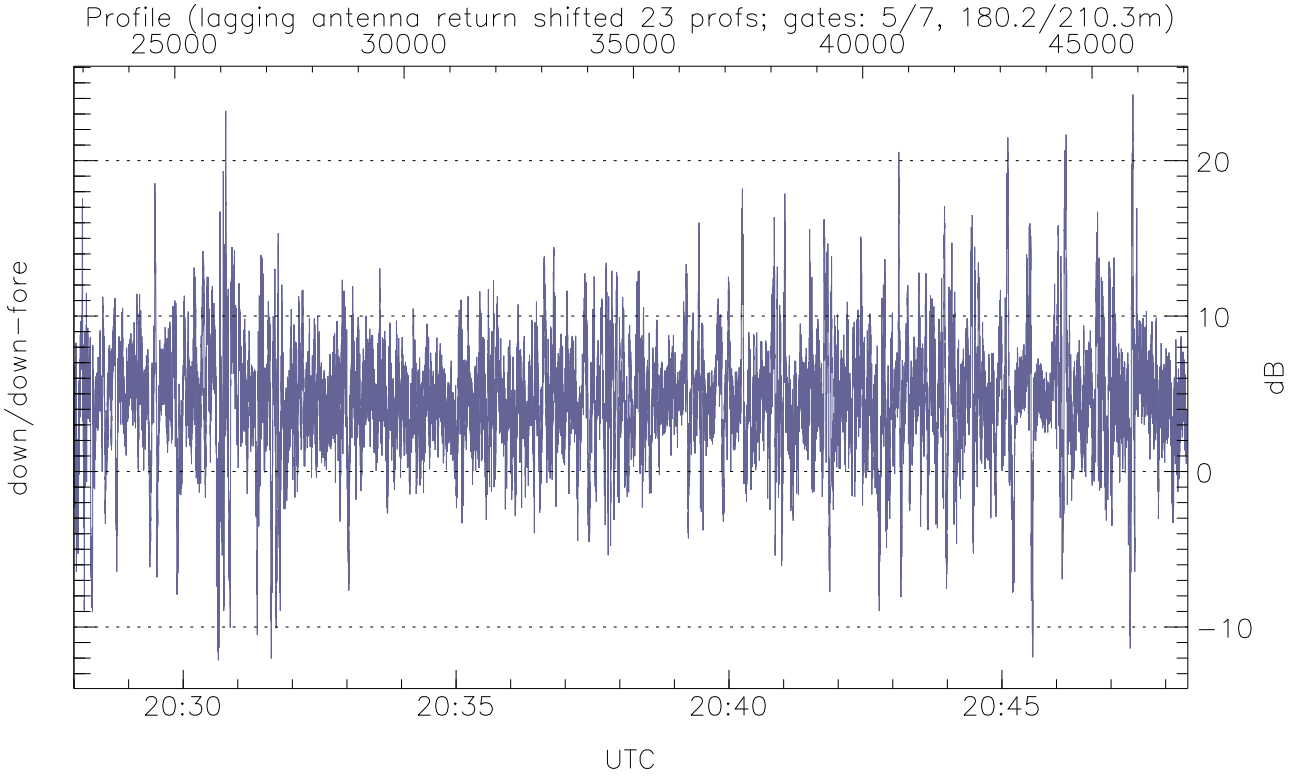
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

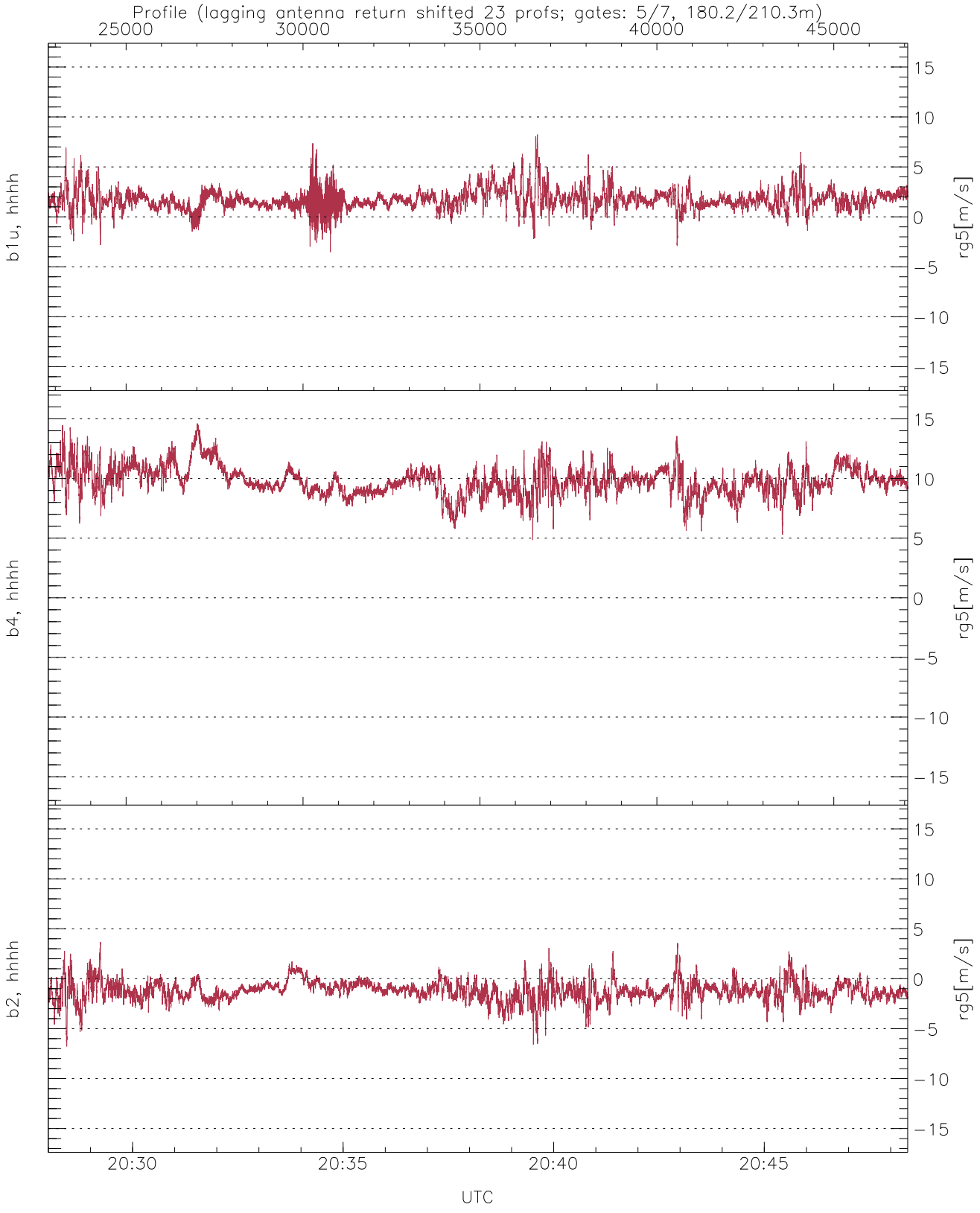
	Min	Max	Mean
up(hh[dBm])	-62.56	-8.90	-22.67
down-fore(hh[dBm])	-56.95	-14.63	-24.72
down(hh[dBm])	-53.47	-11.12	-20.93





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

	Min	Max	Mean
up/down(dB)	-30.68	17.65	-8.05
down/down-fore(dB)	-12.14	24.25	4.62



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.53	8.24	1.72	0.99
b4, hhhh(rg5[m/s])	4.84	14.62	9.80	1.21
b2, hhhh(rg5[m/s])	-6.78	3.68	-1.20	0.99