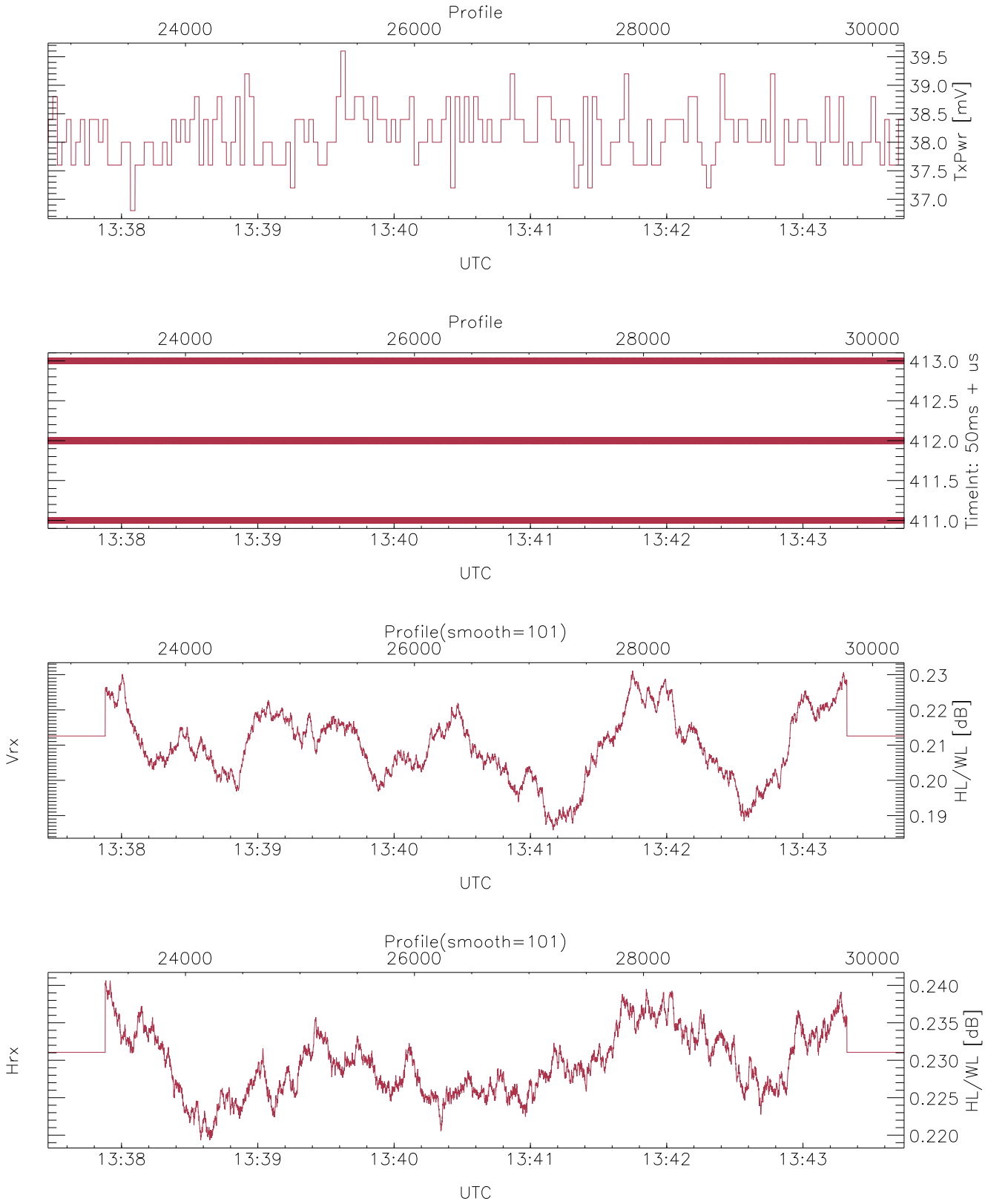
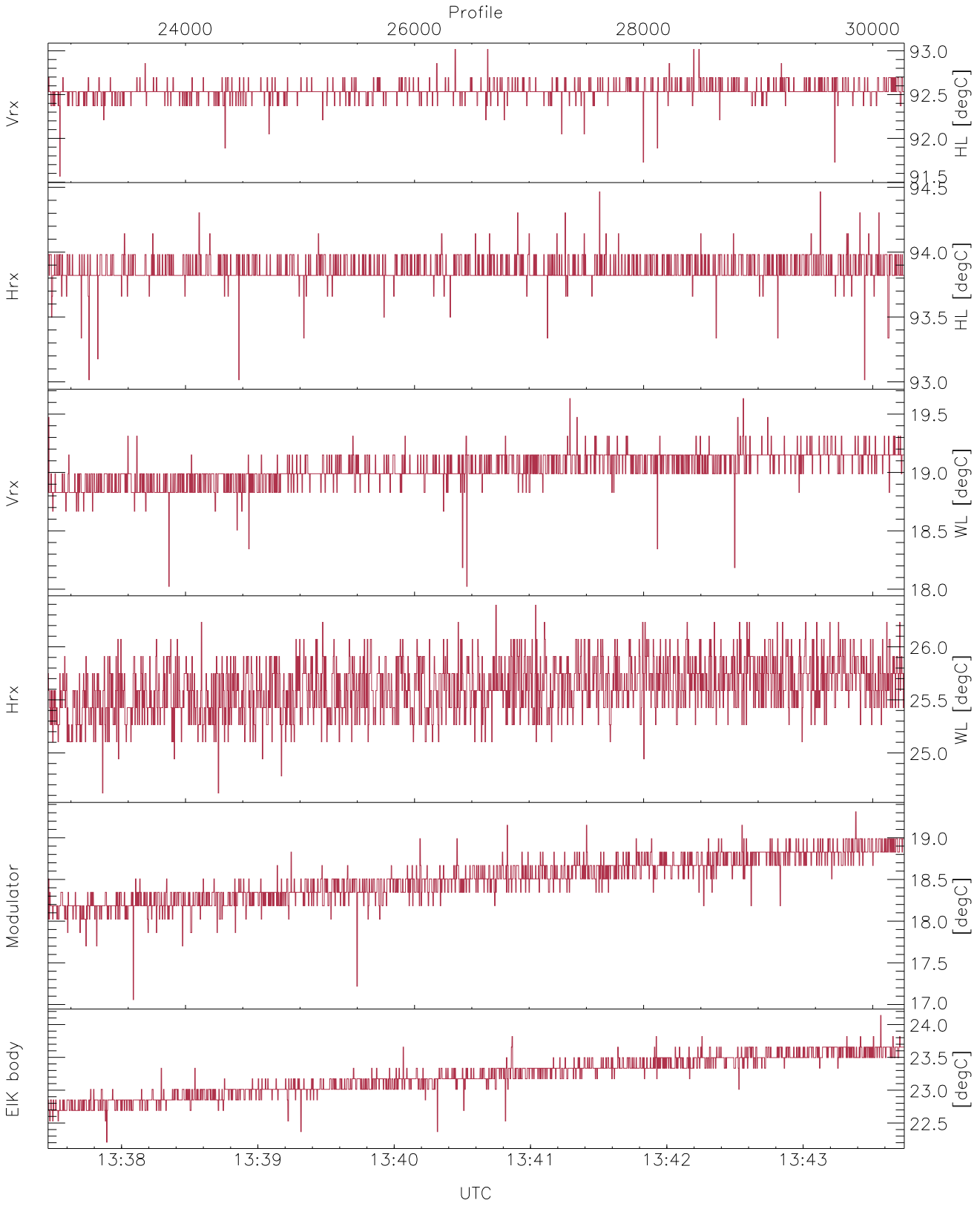


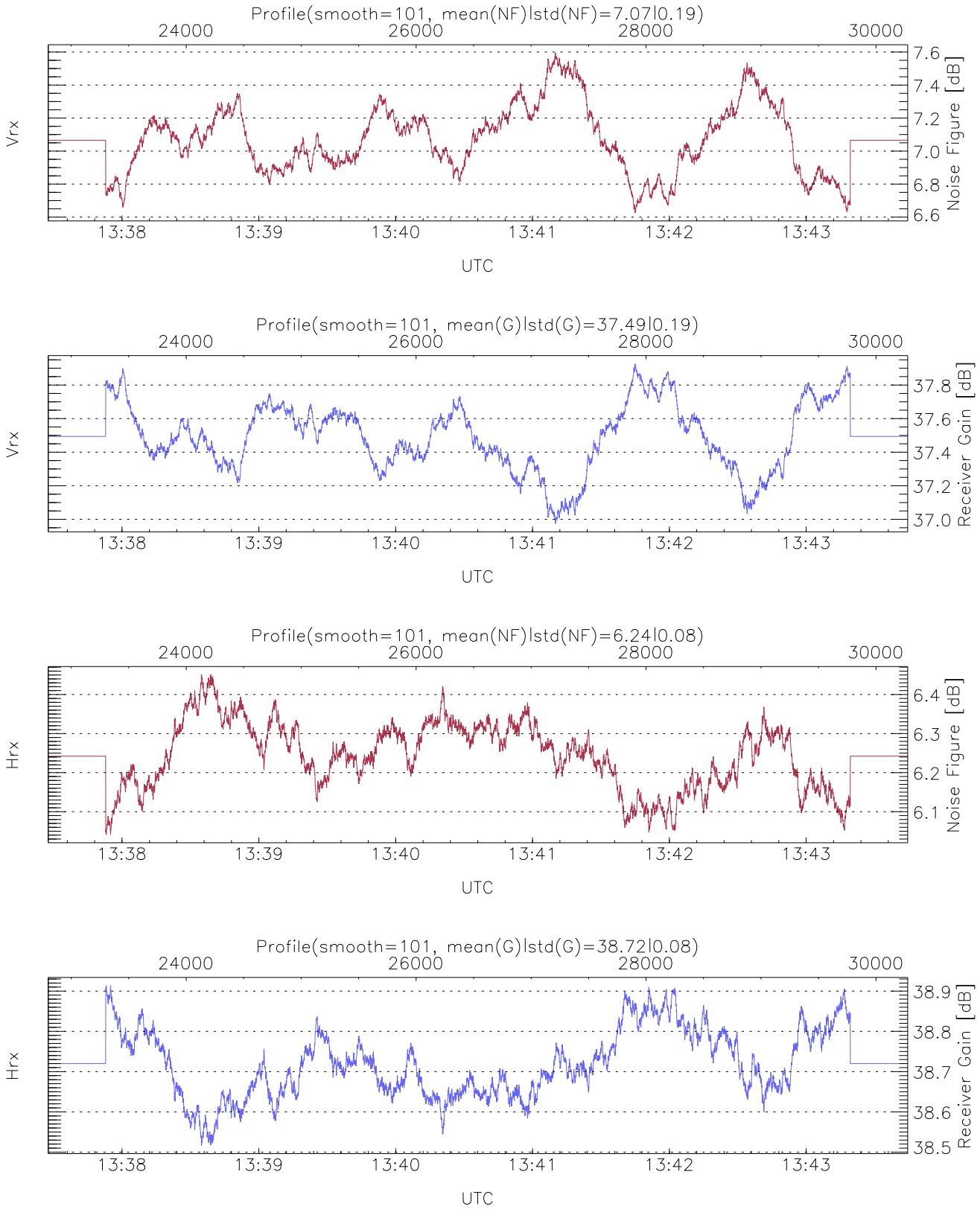
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 13:18:18-13:43:45, Dur: 1526.29s
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): 7477/30277, 22800-30276/13:37:28-13:43:45
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



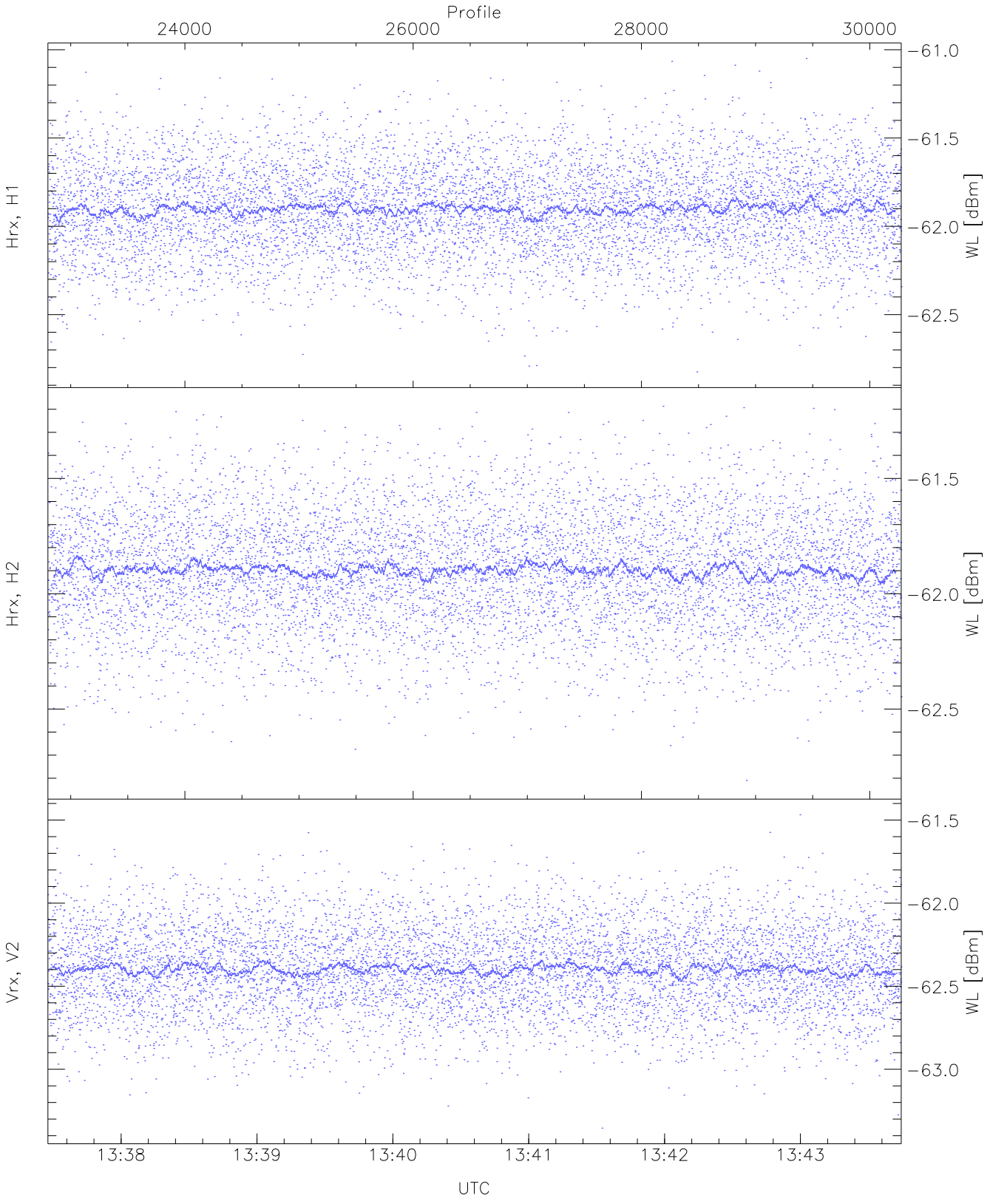
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,18,24,17,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,26,19,24
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (16,16,16,16,16,5)



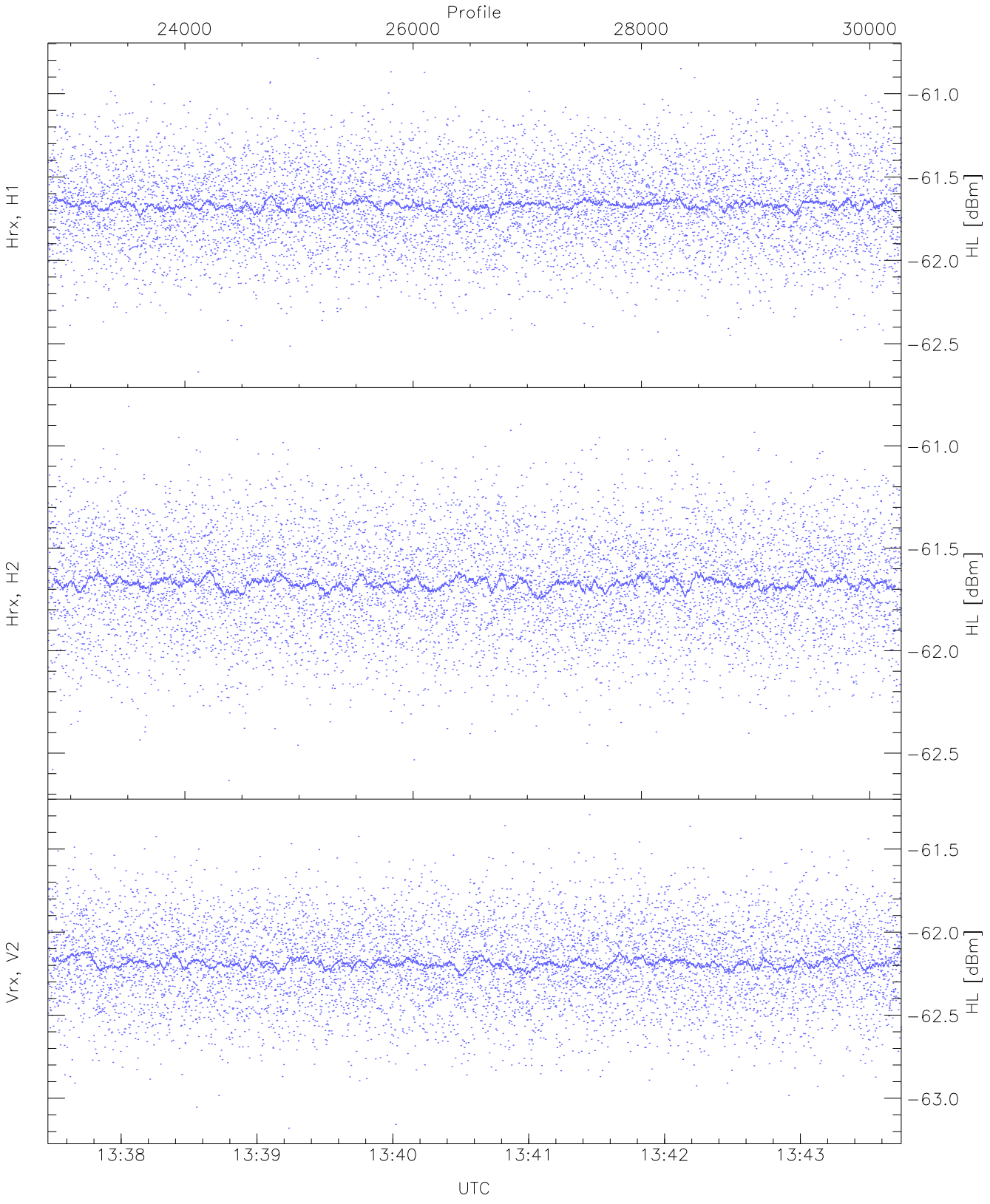
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 326 pixs, 2 gates, 326 profs, 1 prods



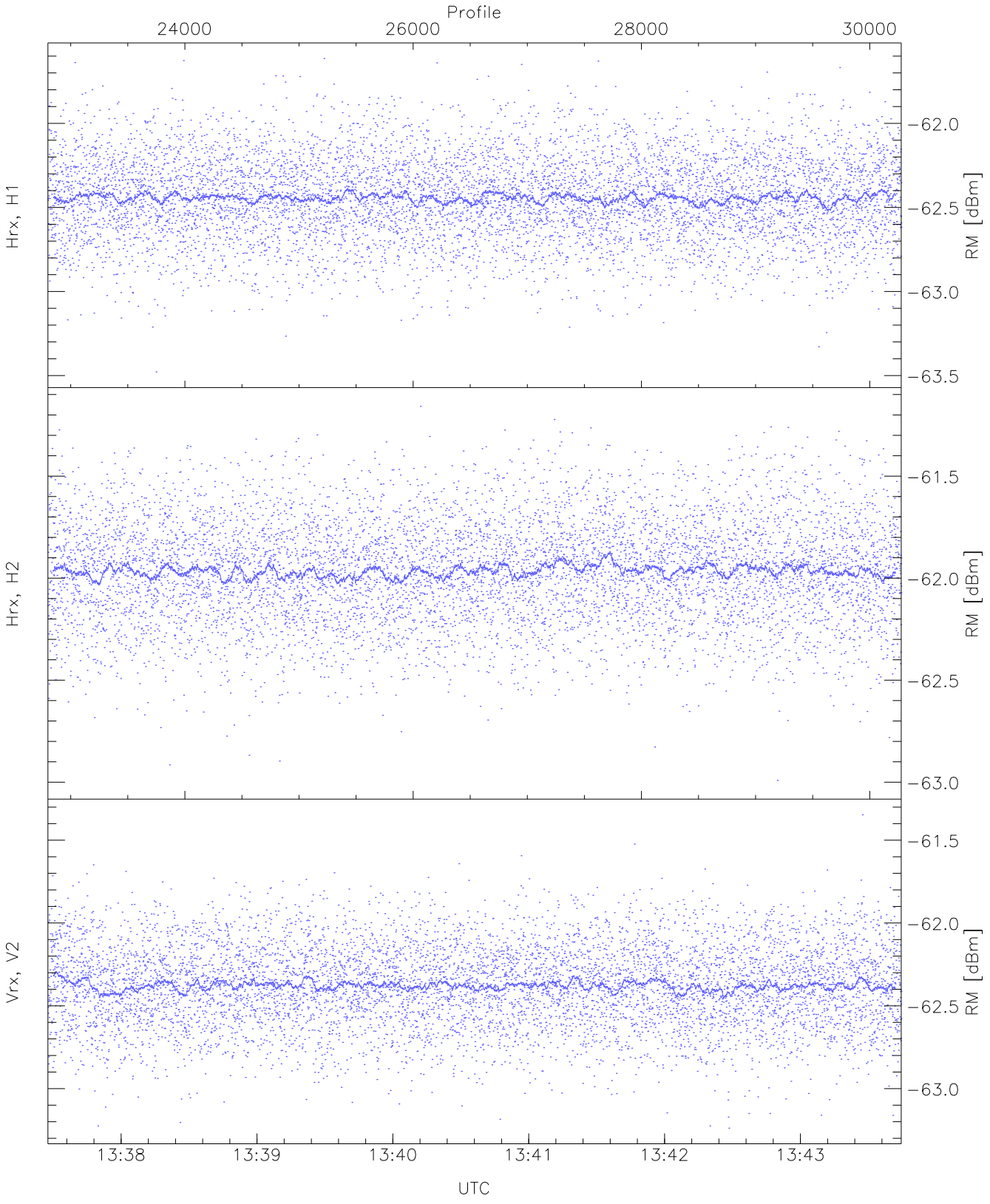
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.82	-61.05	-61.90	-61.90	-74.46
Hrx, H2(WL [dBm])	-62.81	-61.19	-61.89	-61.90	-74.61
Vrx, V2(WL [dBm])	-63.35	-61.47	-62.39	-62.40	-74.98



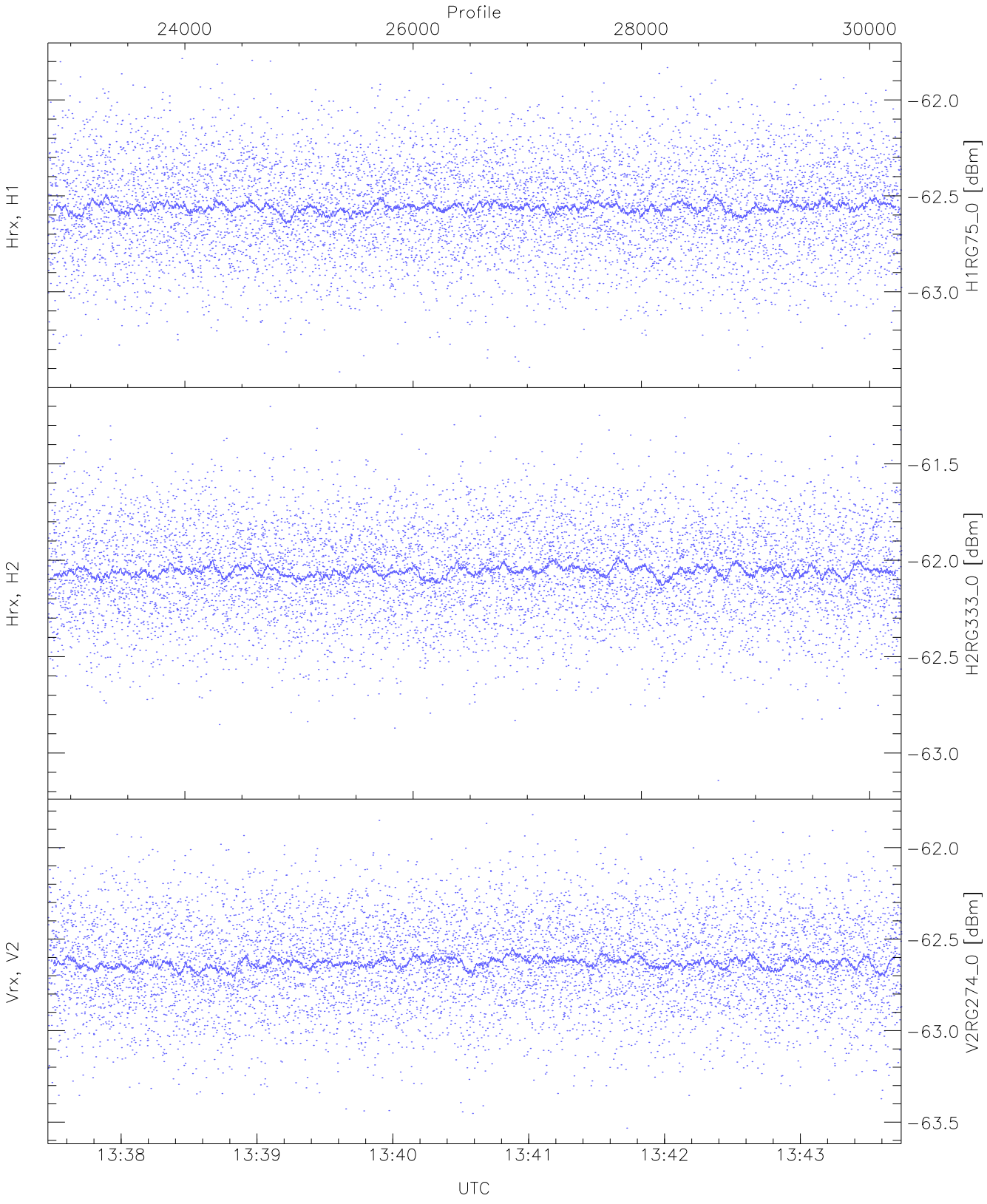
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.67	-60.79	-61.66	-61.67	-74.25
Hrx, H2(HL [dBm])	-62.63	-60.81	-61.67	-61.67	-74.23
Vrx, V2(HL [dBm])	-63.18	-61.29	-62.18	-62.19	-74.76



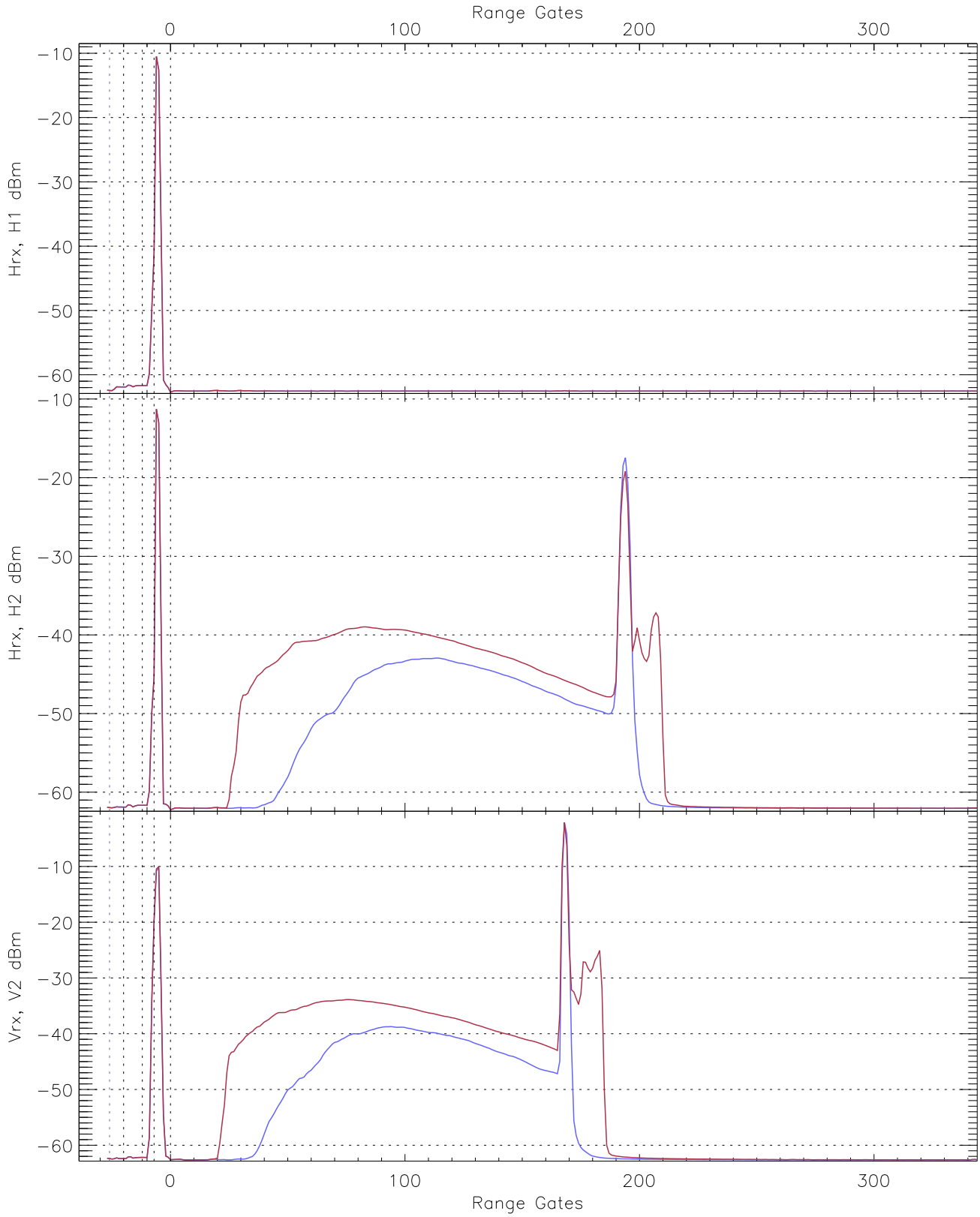
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.48	-61.61	-62.44	-62.44	-75.02
Hrx, H2(RM [dBm])	-62.99	-61.16	-61.96	-61.96	-74.51
Vrx, V2(RM [dBm])	-63.24	-61.35	-62.37	-62.38	-75.01

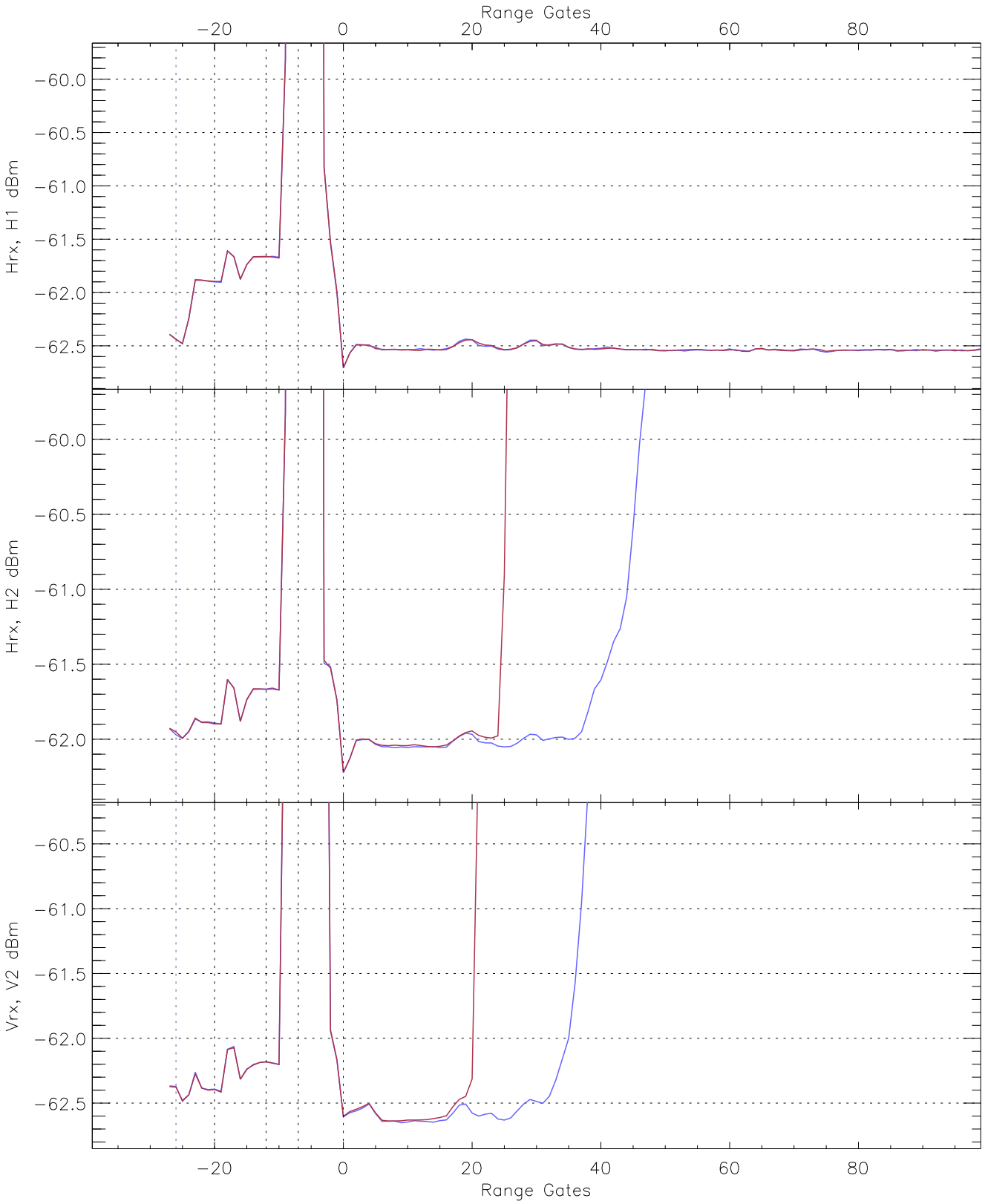


WCR2 CPP "Best" estimate Receivers Noise Power

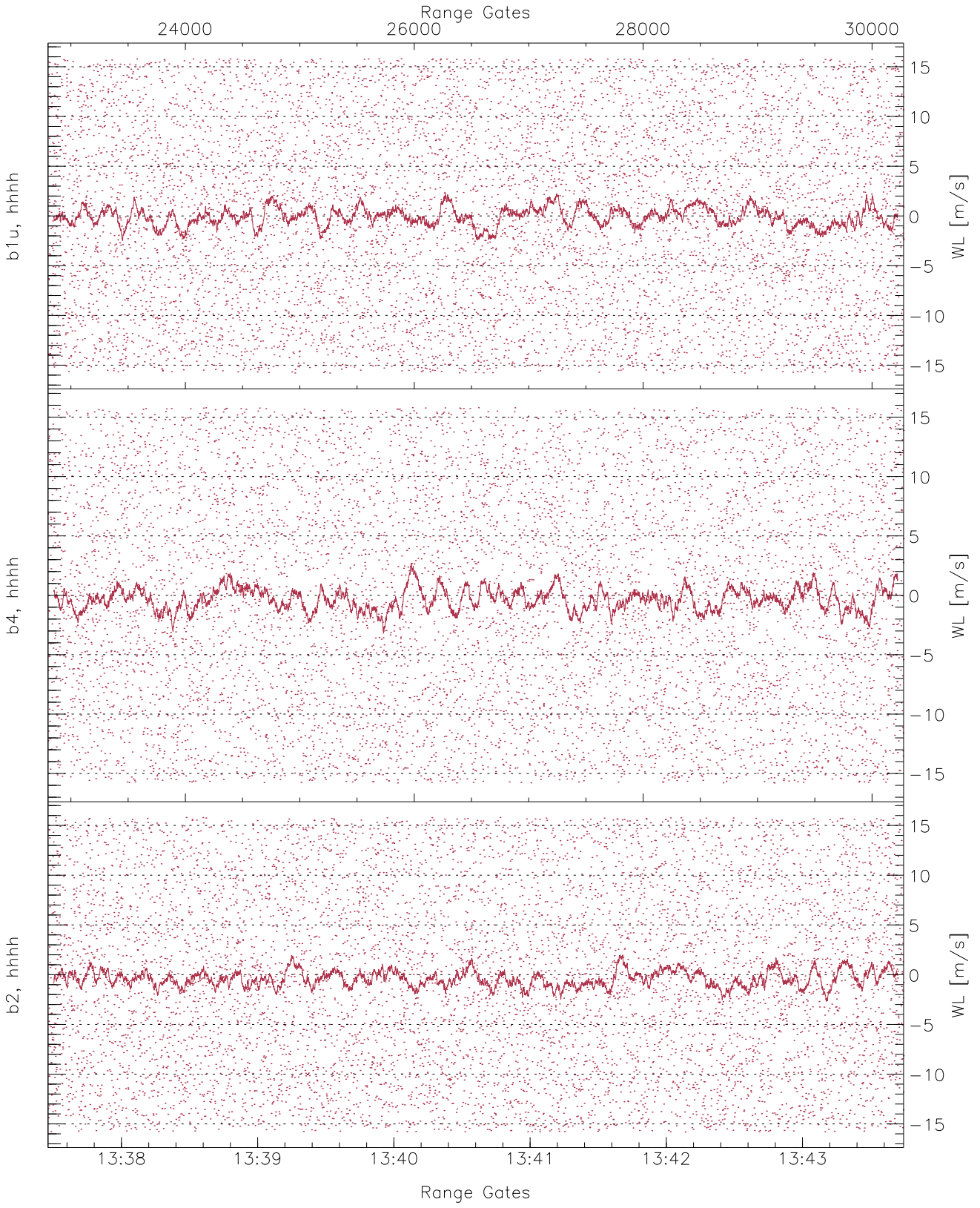
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.42	-61.78	-62.56	-62.56	-75.09
H2RG333_0 [dBm]	-63.14	-61.20	-62.05	-62.06	-74.65
V2RG274_0 [dBm]	-63.53	-61.82	-62.63	-62.63	-75.19



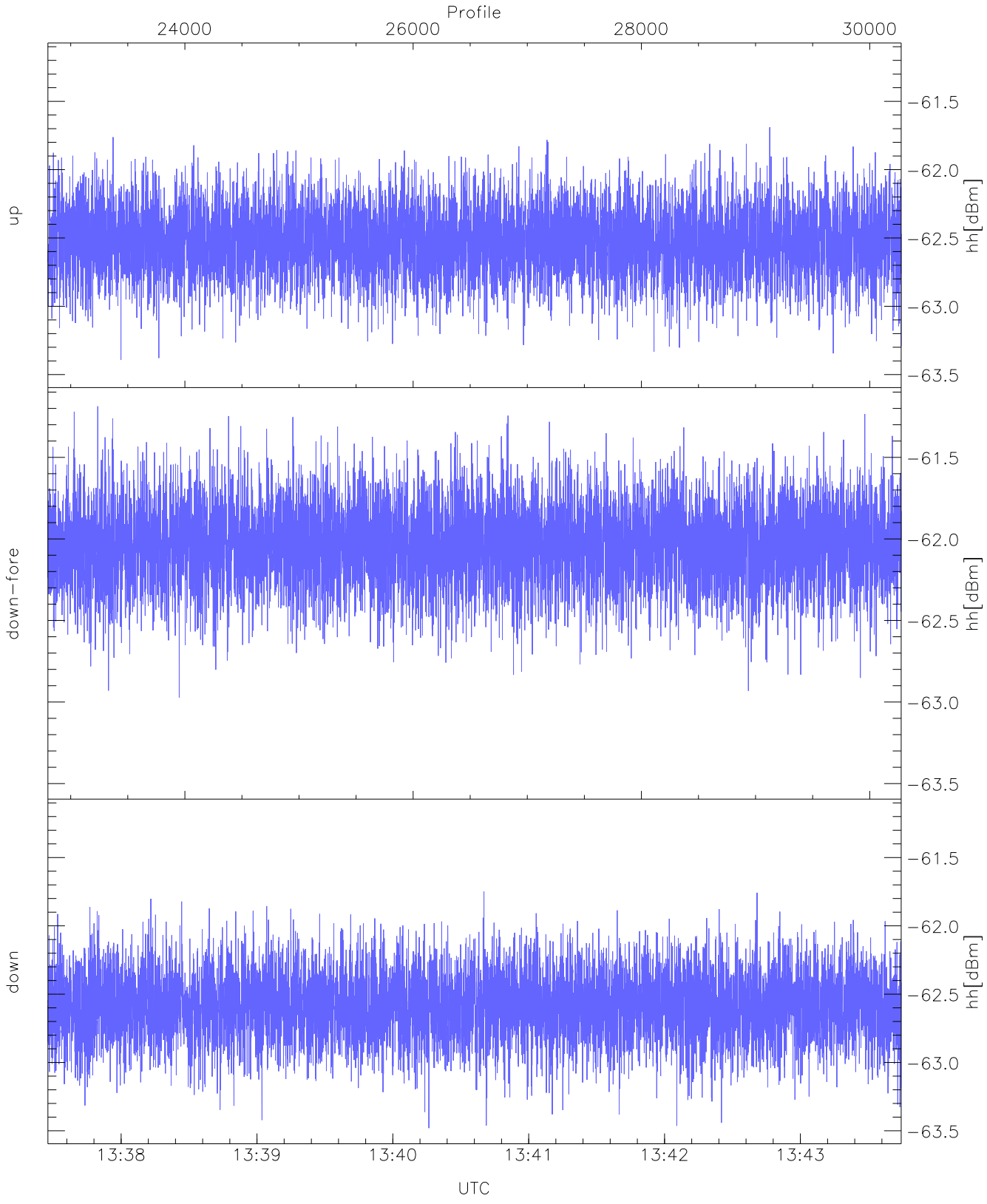
WCR2 CPP Averaged Received power for all recorded gates
blue: 133728-134036, 3739 profiles averaged
red: 134036-134345, 3739 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 133728-134036, 3739 profiles averaged
red: 134036-134345, 3739 profiles averaged

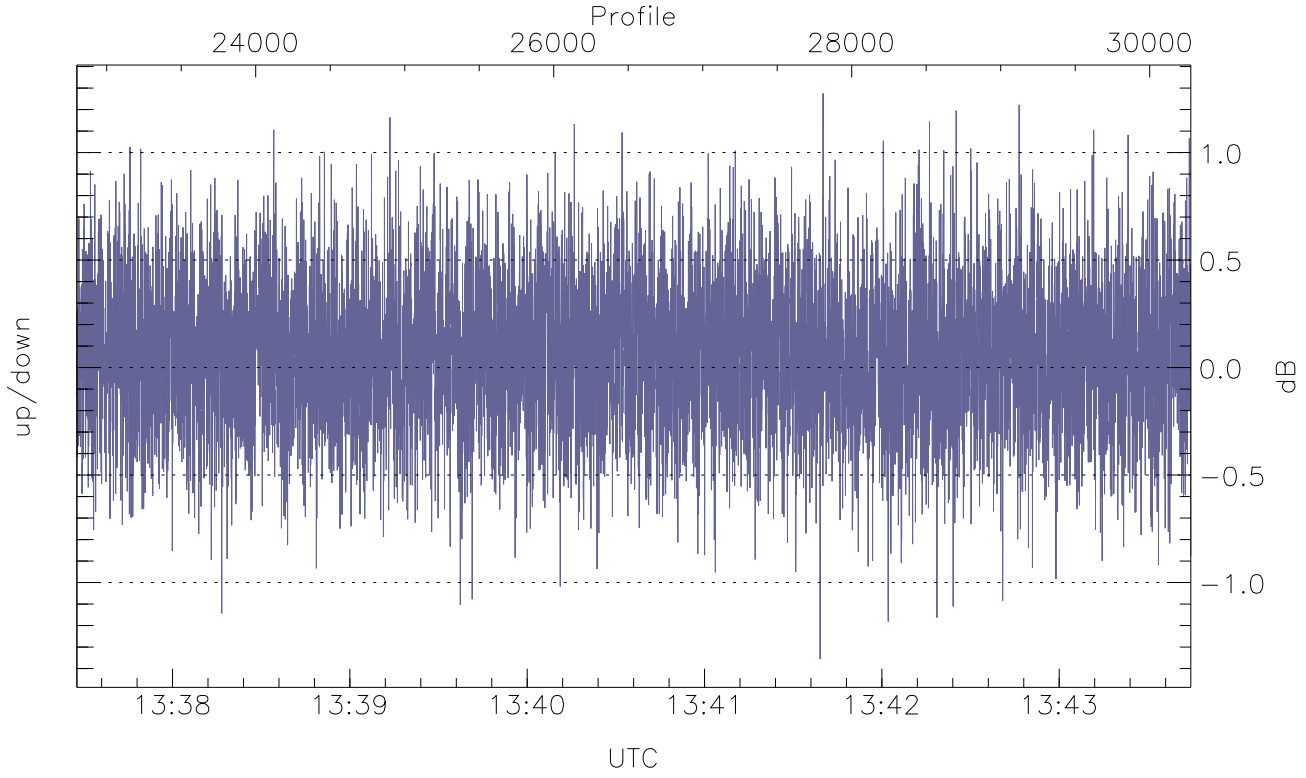


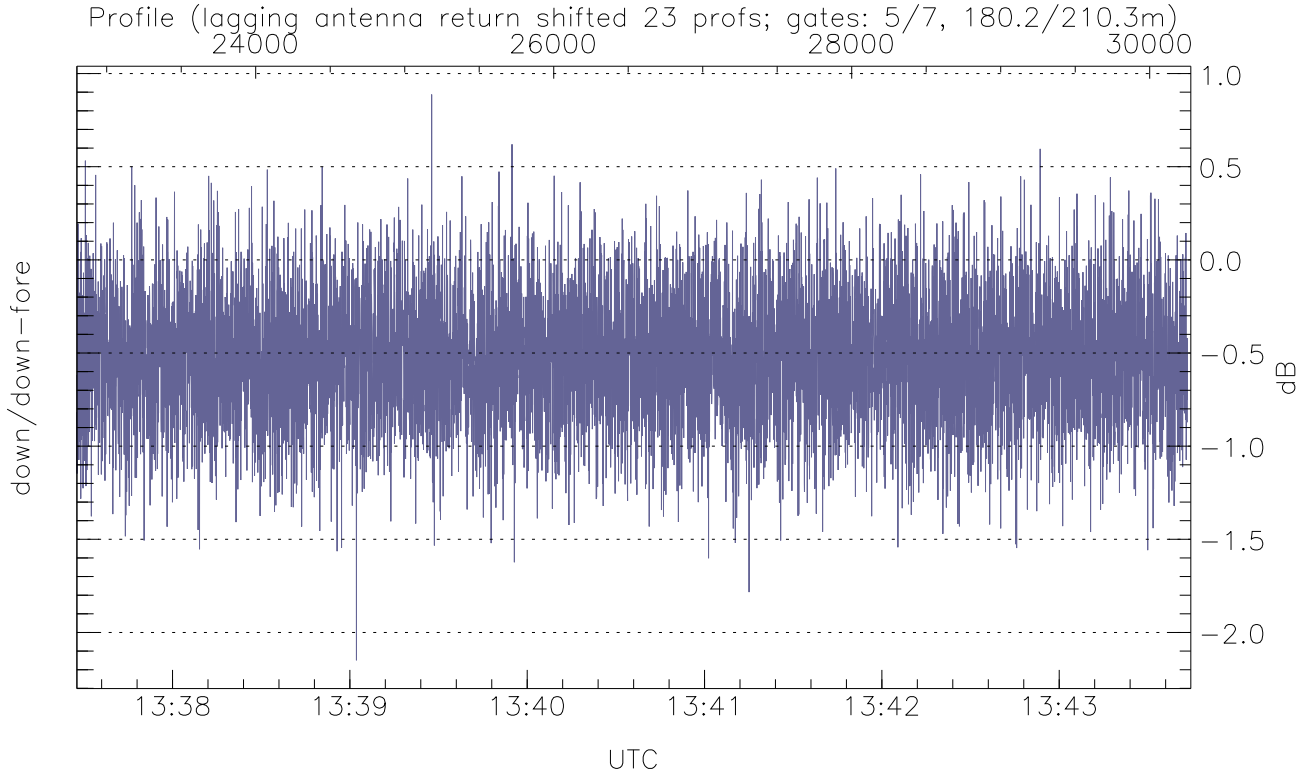
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

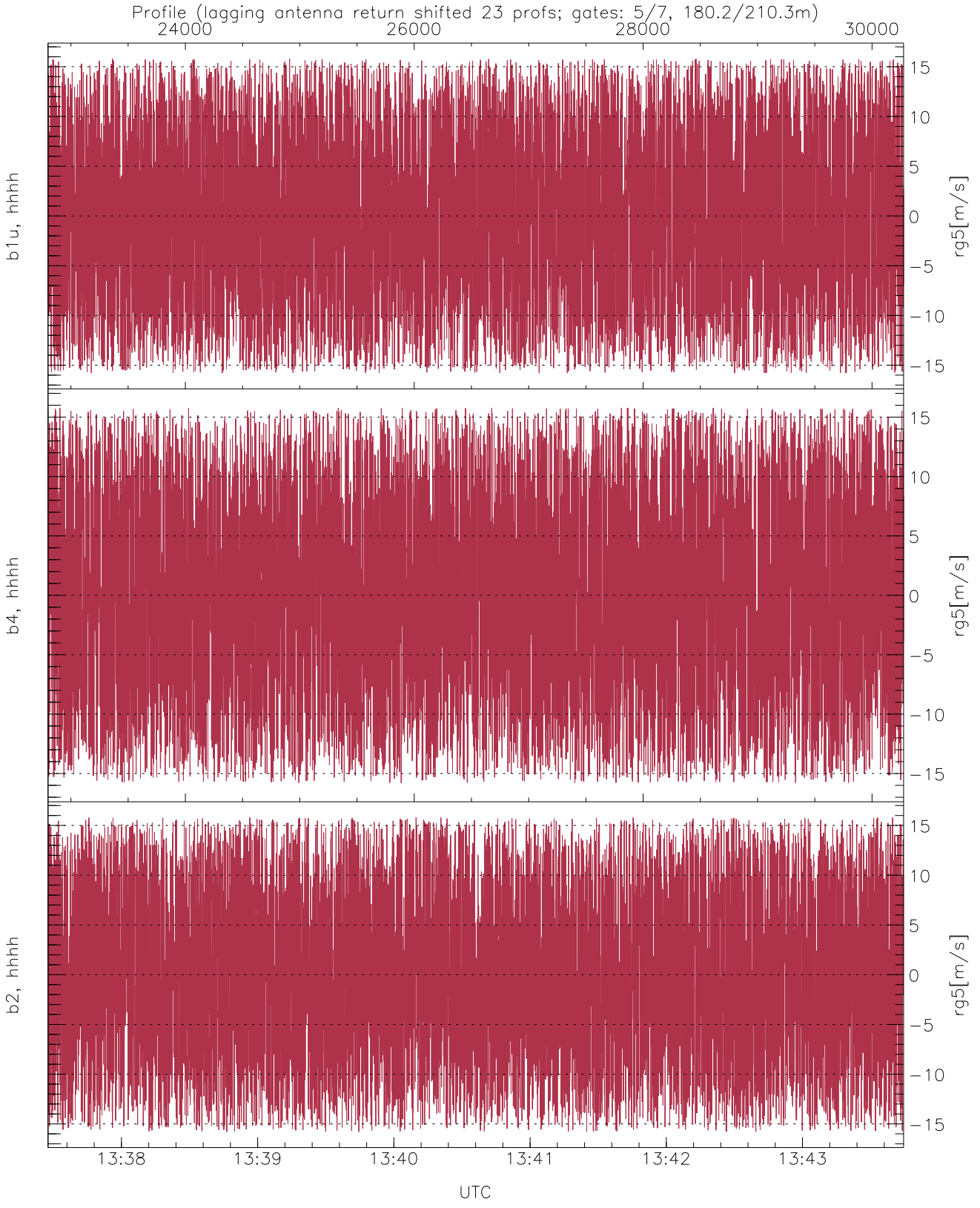
	Min	Max	Mean
up(hh[dBm])	-63.39	-61.69	-62.52
down-fore(hh[dBm])	-62.97	-61.19	-62.03
down(hh[dBm])	-63.48	-61.75	-62.58





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

	Min	Max	Mean
up/down(dB)	-1.36	1.28	0.06
down/down-fore(dB)	-2.15	0.89	-0.53



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.28	9.02
b4, hhhh(rg5[m/s])	-15.80	15.78	-0.12	9.01
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.37	9.02