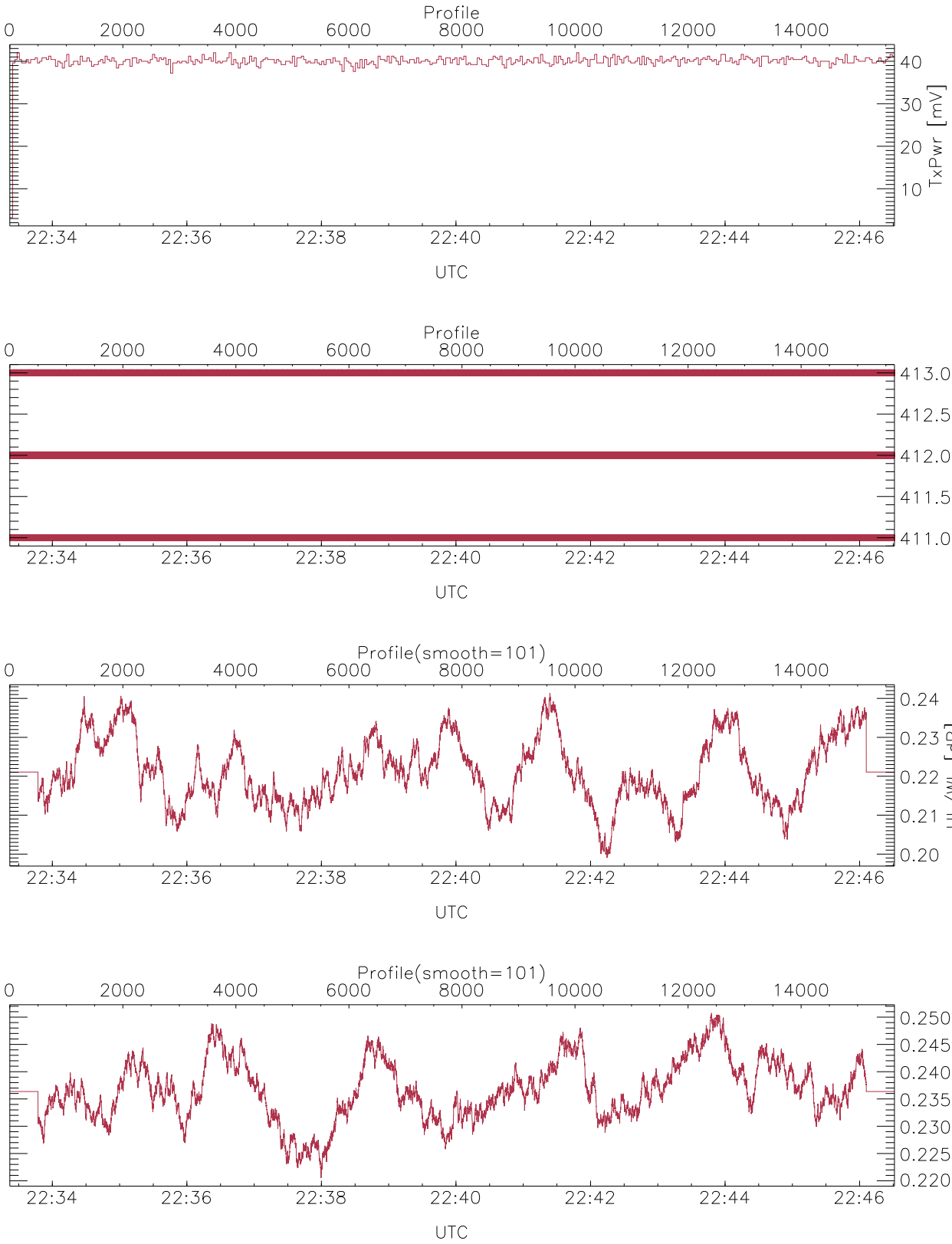
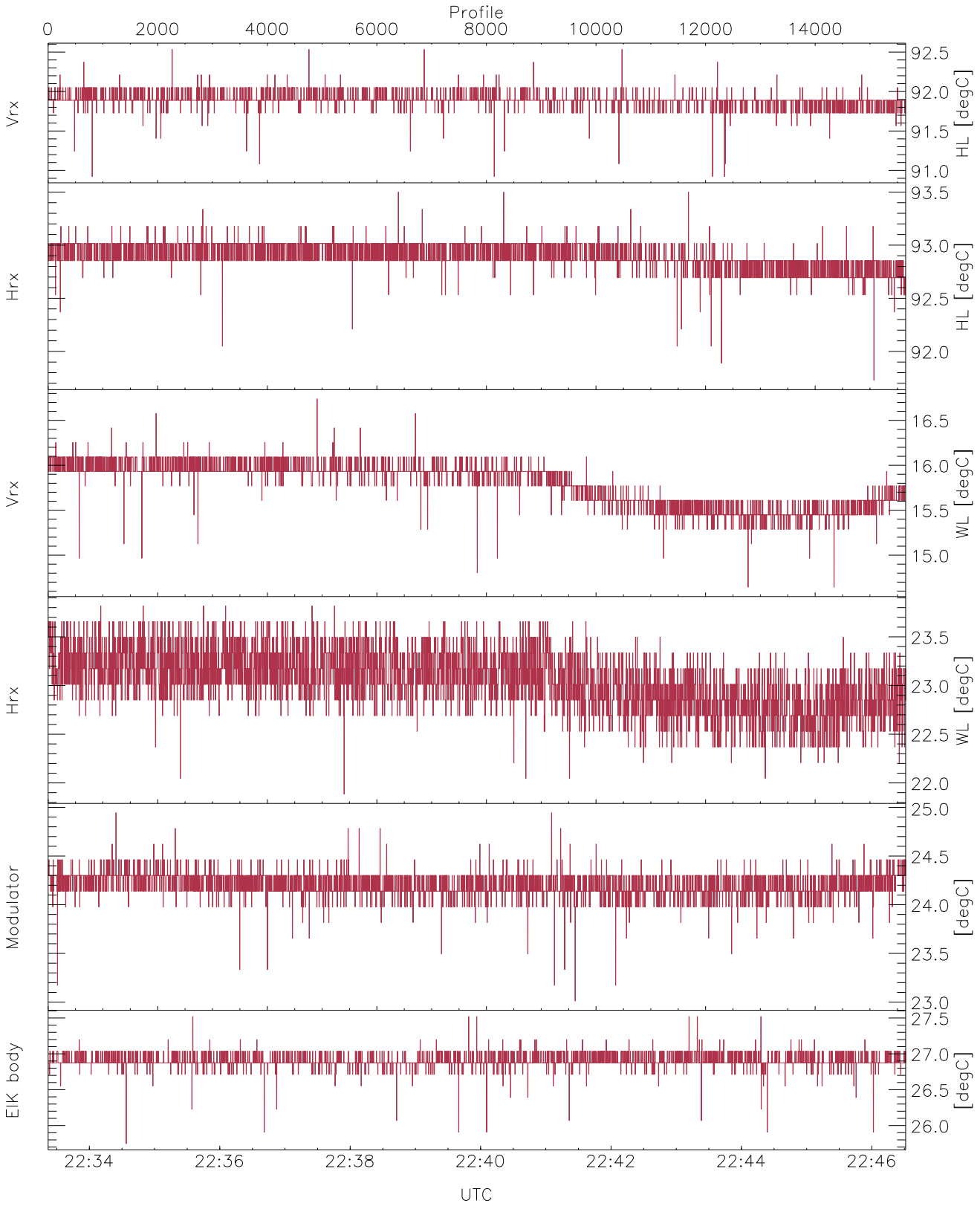


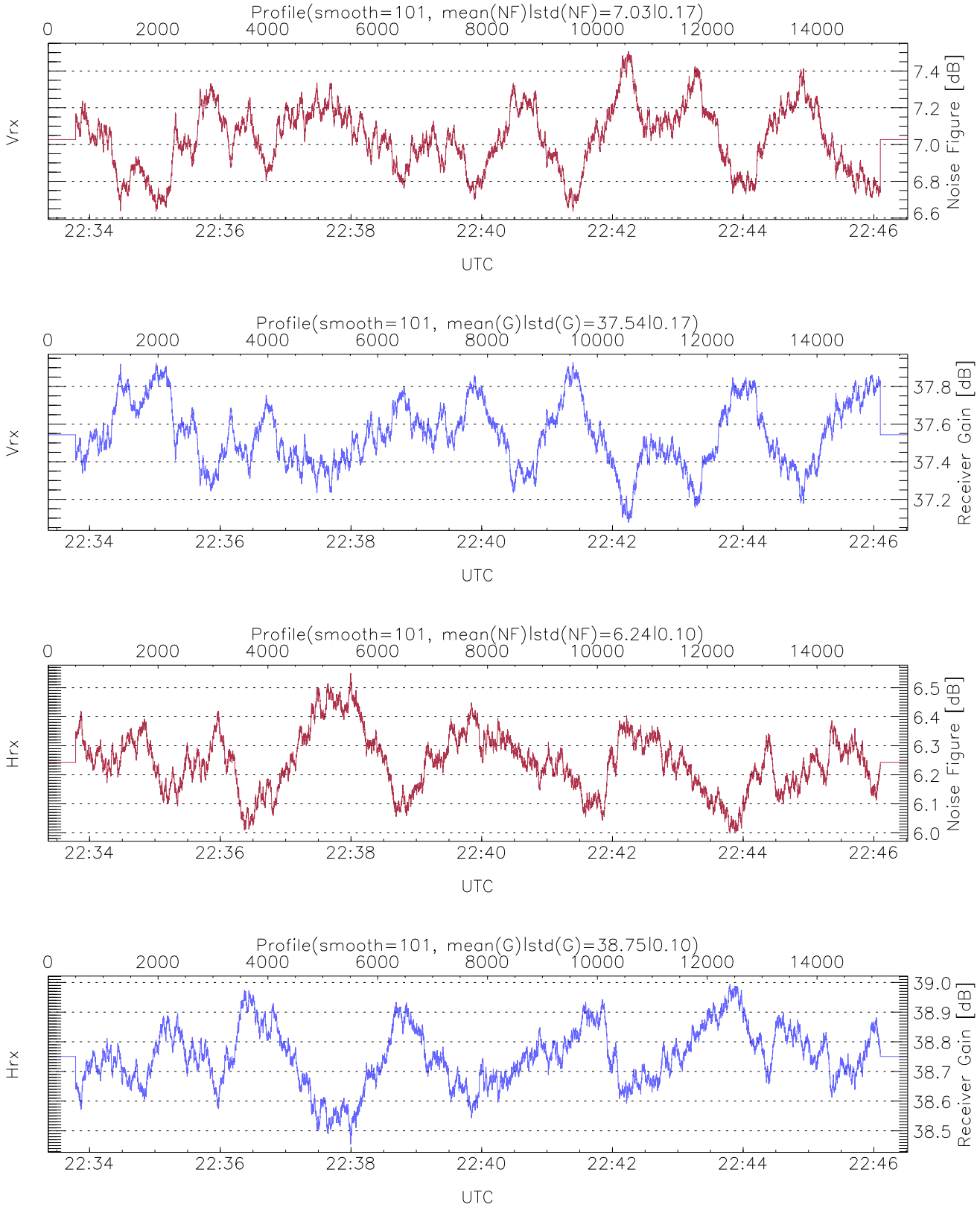
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:33:22-22:46:31, Dur: 789.06s
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): 15653/15653, 0-15652/22:33:22-22:46:31
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



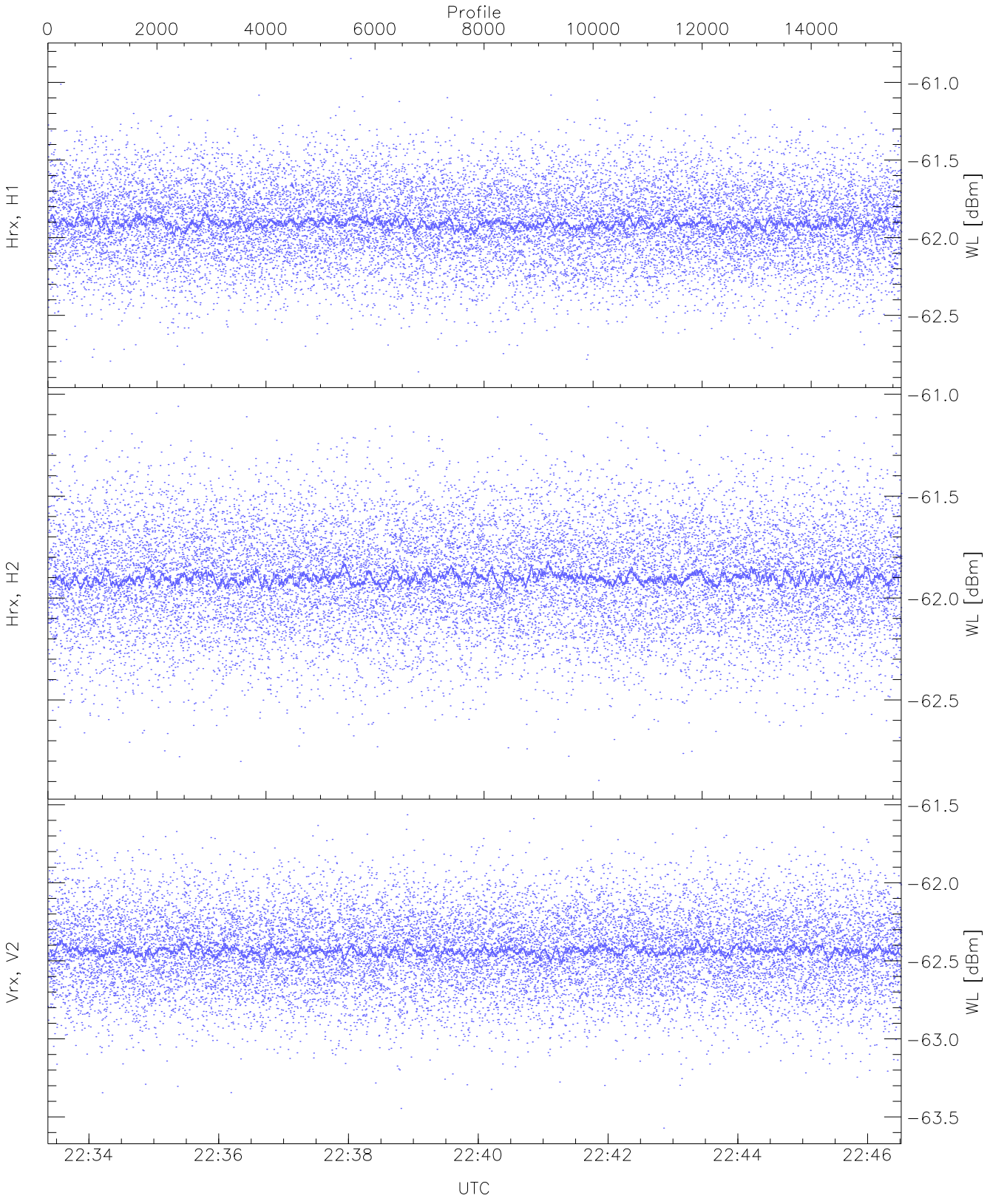
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,23,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,24,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,20,20,20,20,11)



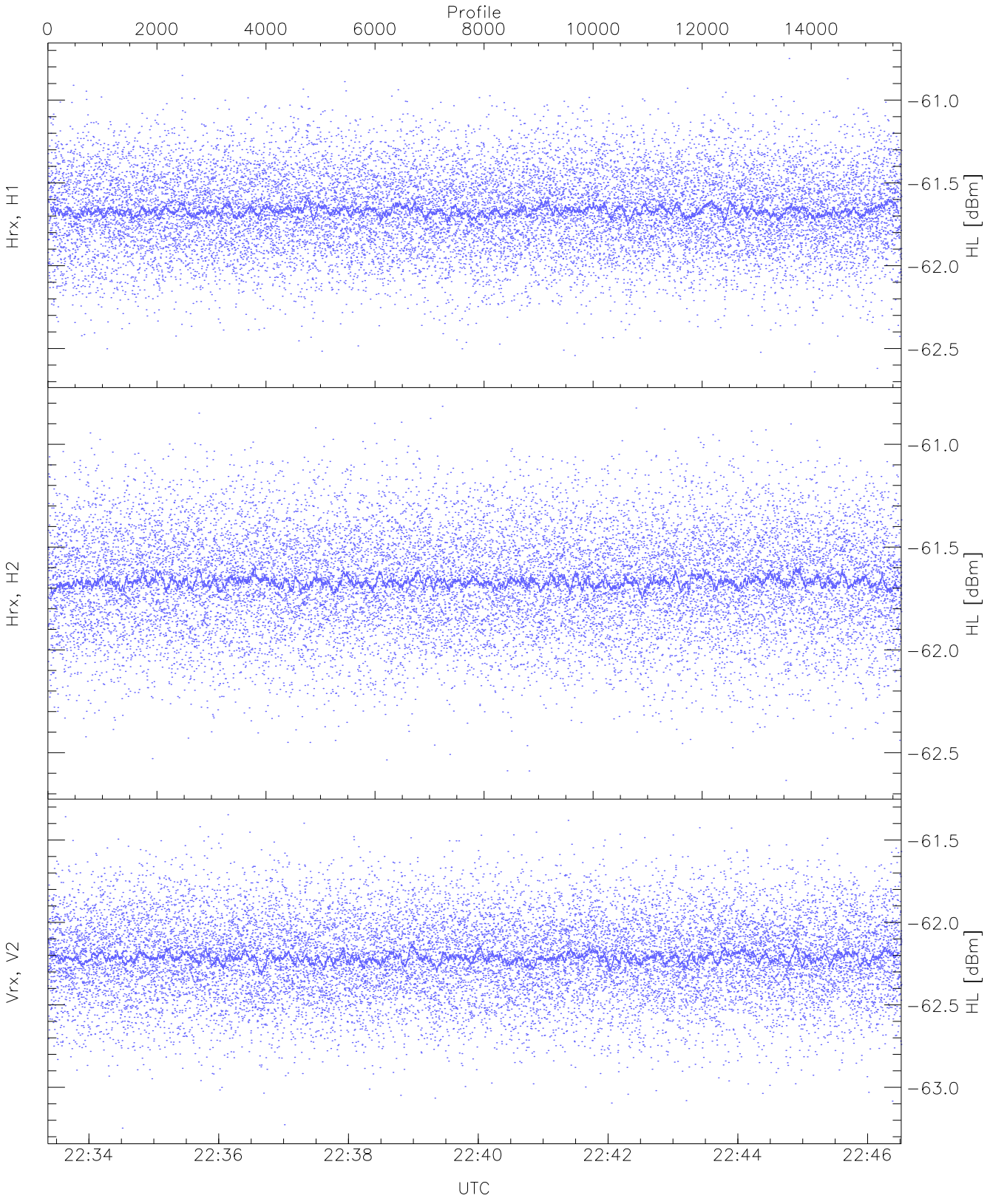
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2115 pixs, 79 gates, 2097 profs, 2 prods



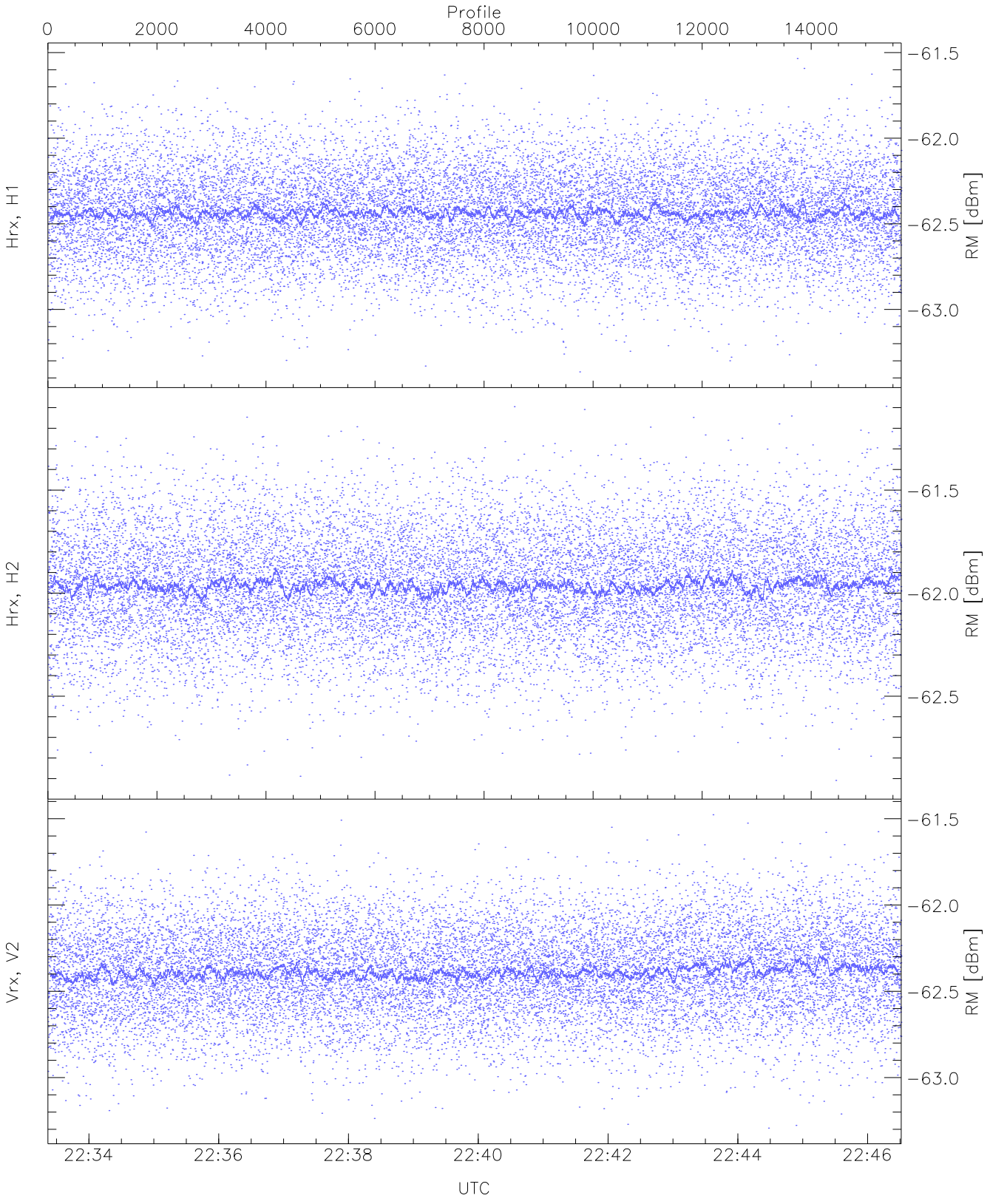
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.86	-60.85	-61.90	-61.91	-74.47
Hrx, H2(WL [dBm])	-62.89	-61.06	-61.90	-61.90	-74.48
Vrx, V2(WL [dBm])	-63.57	-61.56	-62.43	-62.44	-75.01



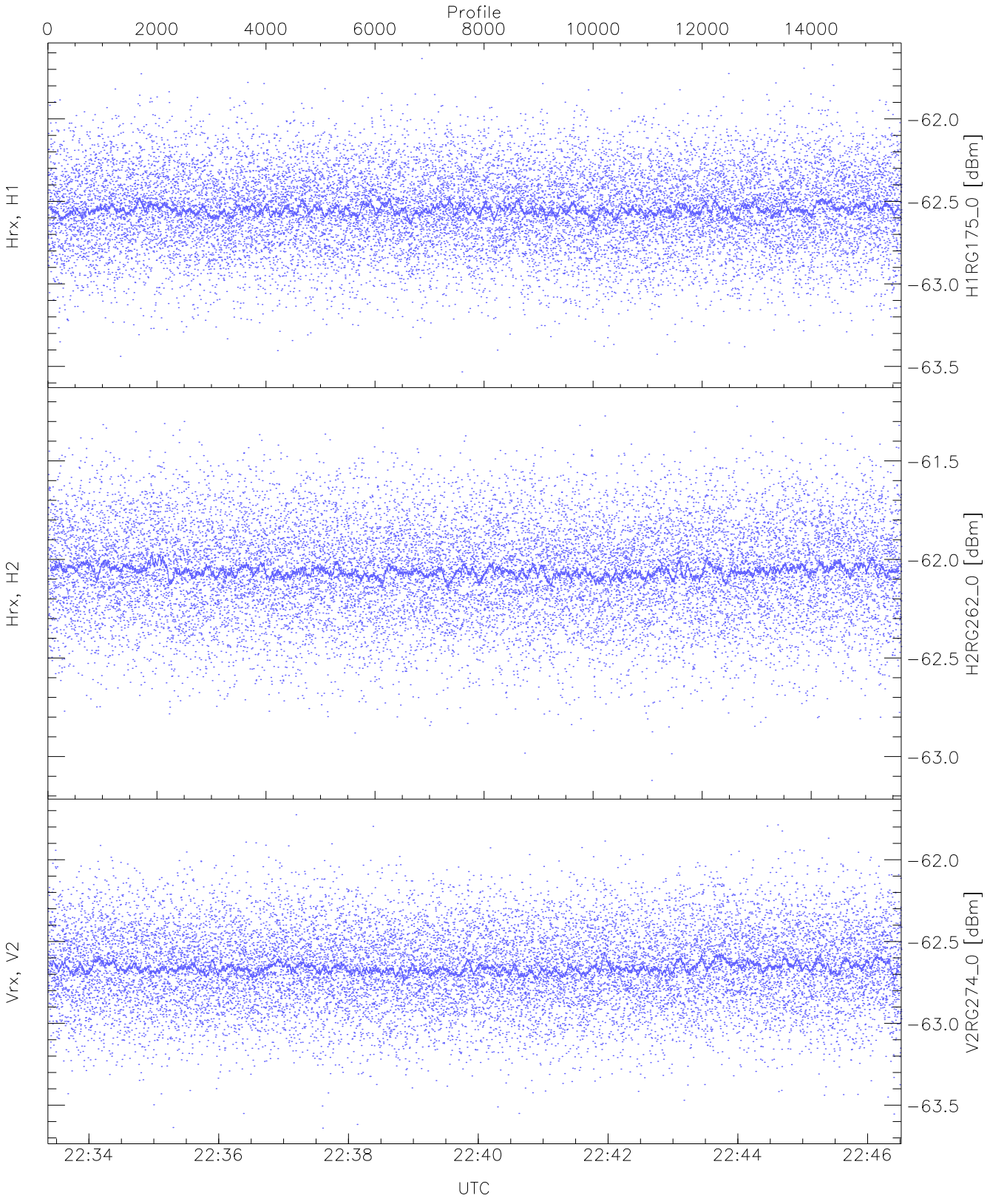
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.64	-60.75	-61.66	-61.67	-74.27
Hrx, H2(HL [dBm])	-62.63	-60.82	-61.67	-61.67	-74.24
Vrx, V2(HL [dBm])	-63.25	-61.35	-62.21	-62.22	-74.75



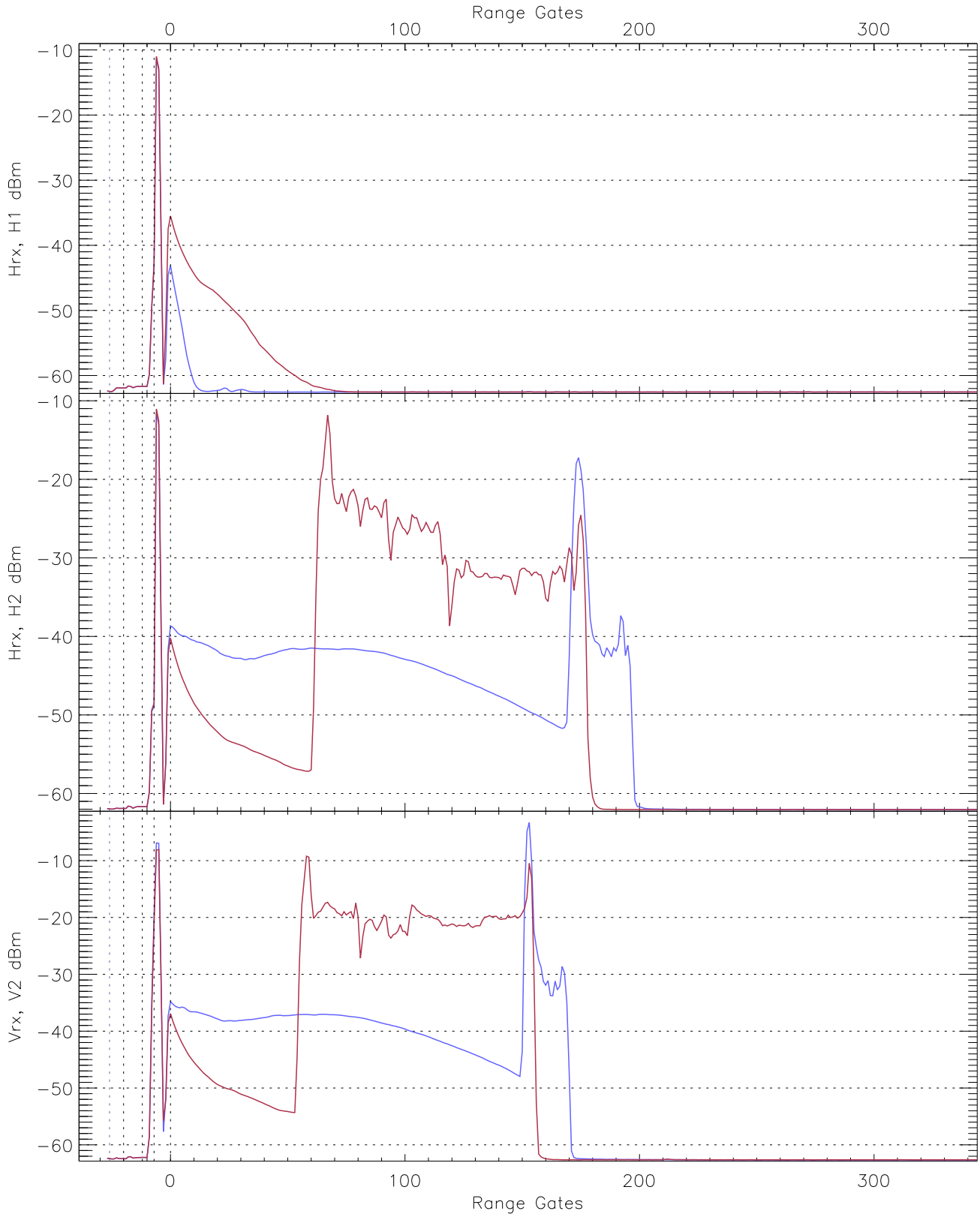
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.36	-61.53	-62.43	-62.44	-75.00
Hrx, H2(RM [dBm])	-62.91	-61.09	-61.96	-61.96	-74.53
Vrx, V2(RM [dBm])	-63.29	-61.48	-62.39	-62.39	-74.97

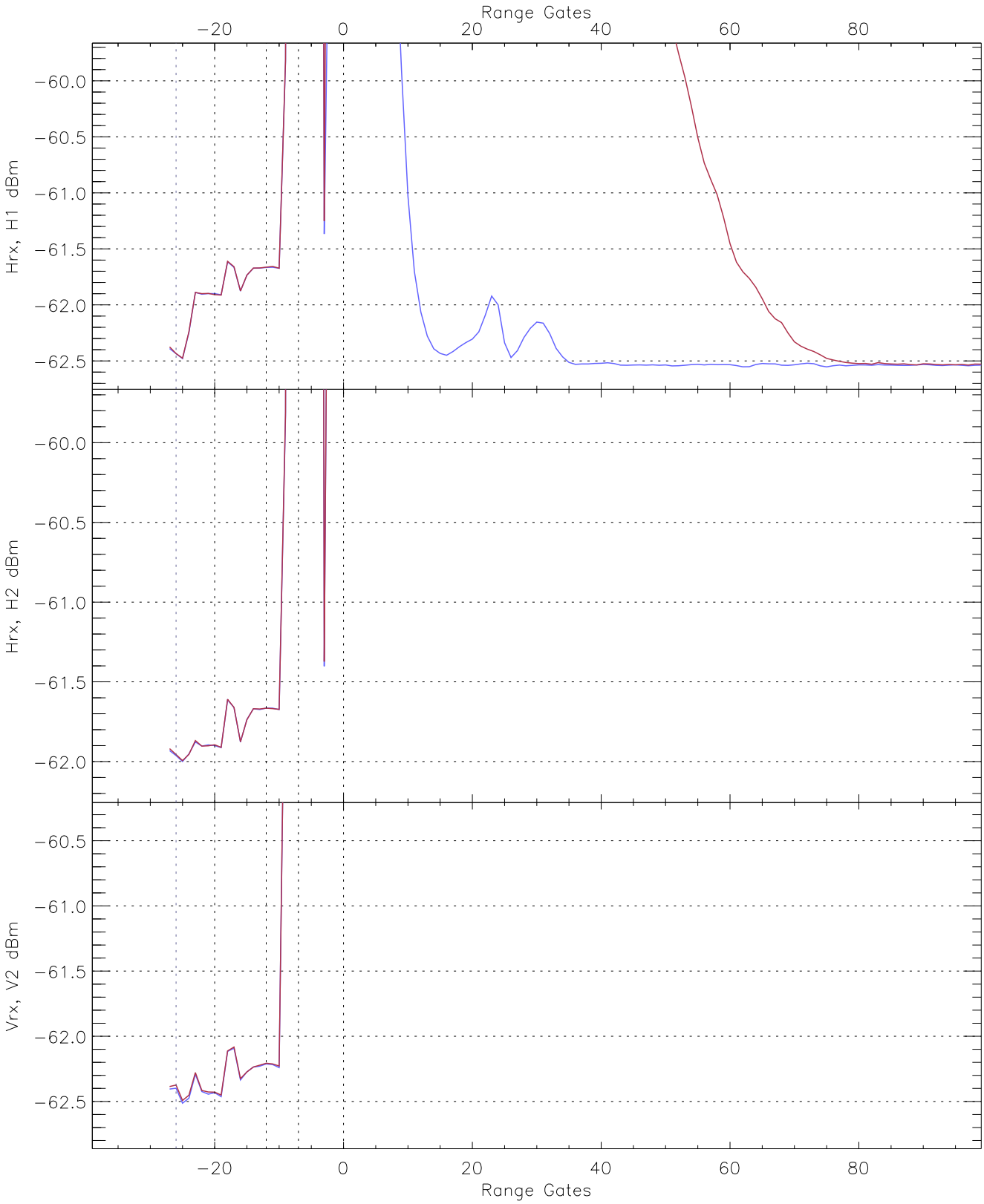


WCR2 CPP "Best" estimate Receivers Noise Power

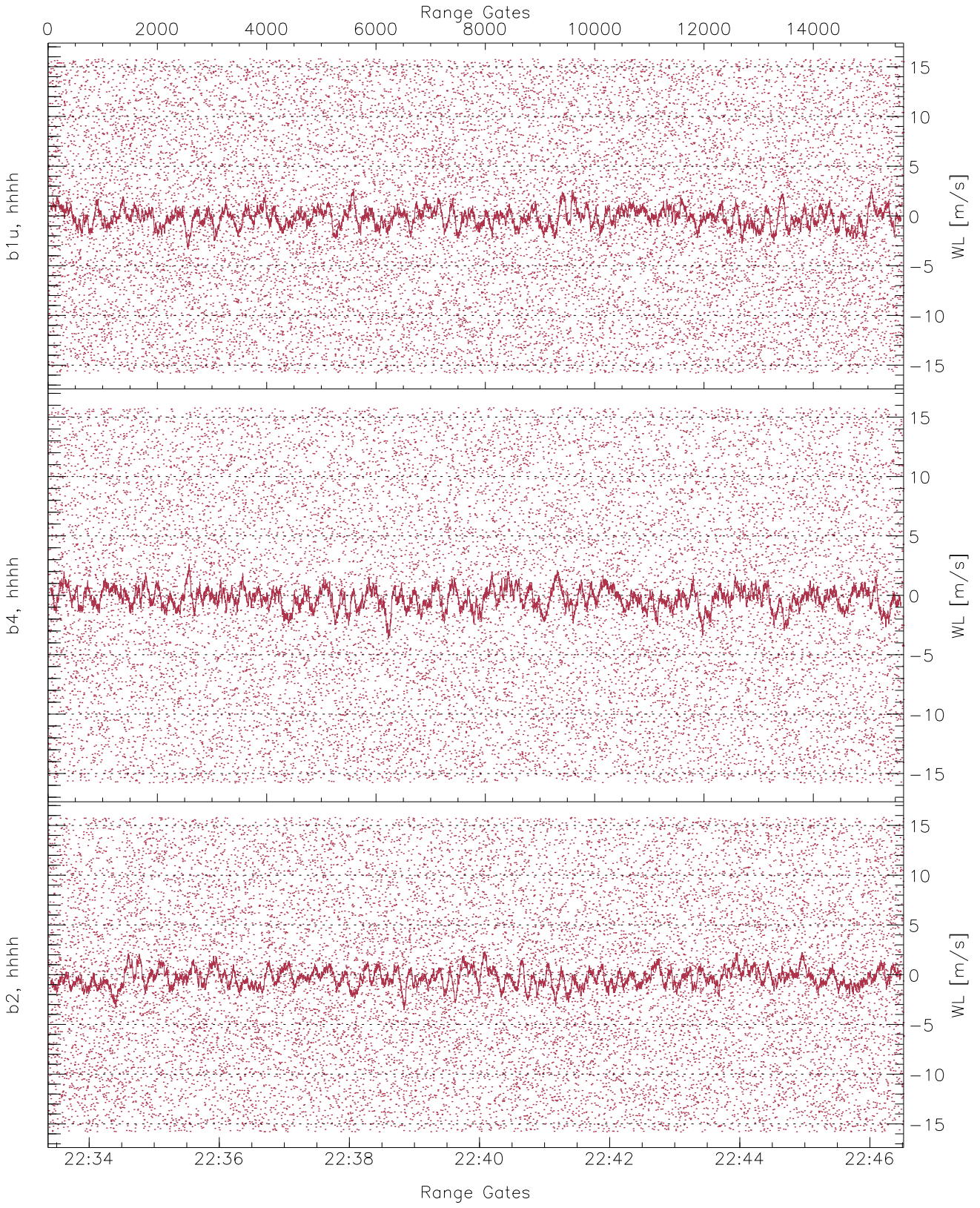
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.53	-61.63	-62.55	-62.55	-75.10
H2RG262_0 [dBm]	-63.12	-61.22	-62.05	-62.06	-74.65
V2RG274_0 [dBm]	-63.64	-61.73	-62.66	-62.66	-75.20



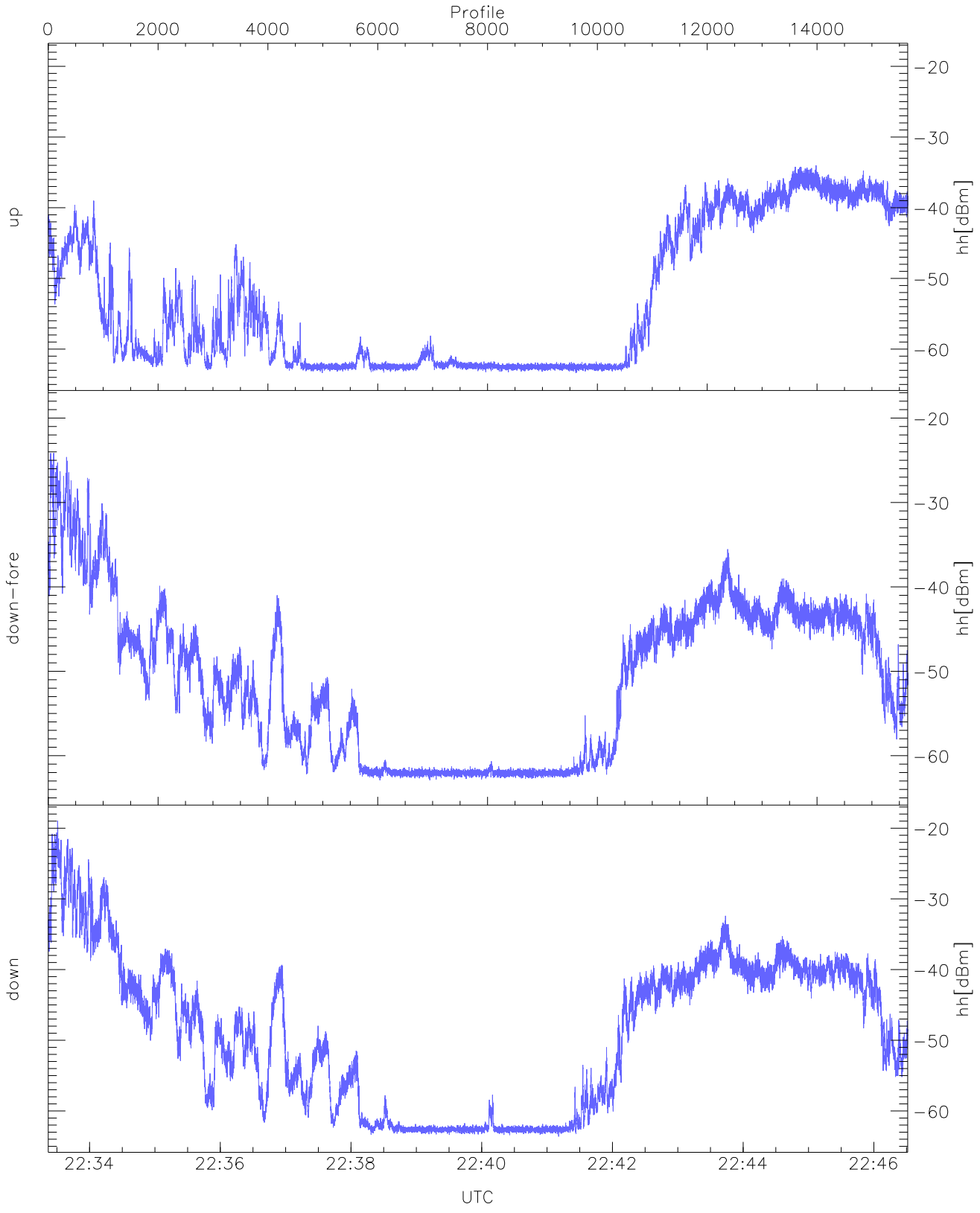
WCR2 CPP Averaged Received power for all recorded gates
blue: 223322-223957, 7827 profiles averaged
red: 223957-224631, 7827 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 223322-223957, 7827 profiles averaged
red: 223957-224631, 7827 profiles averaged

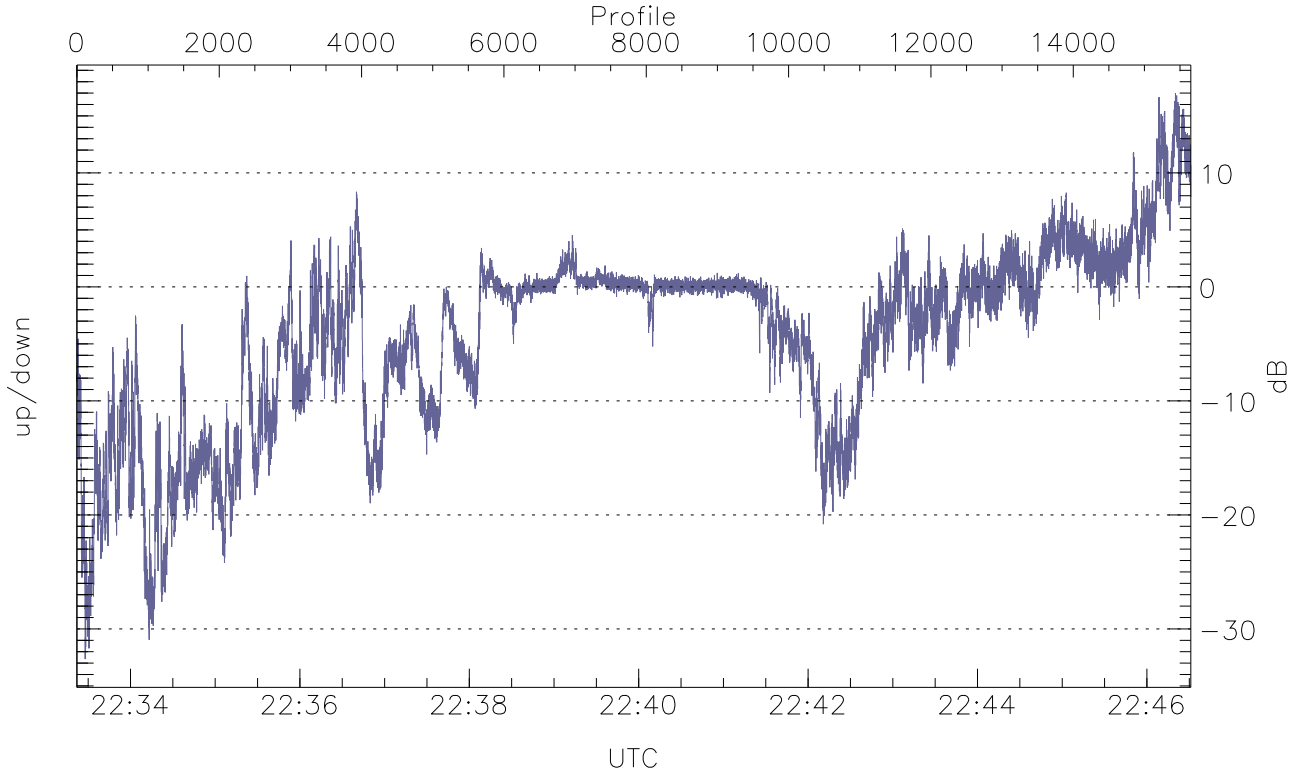


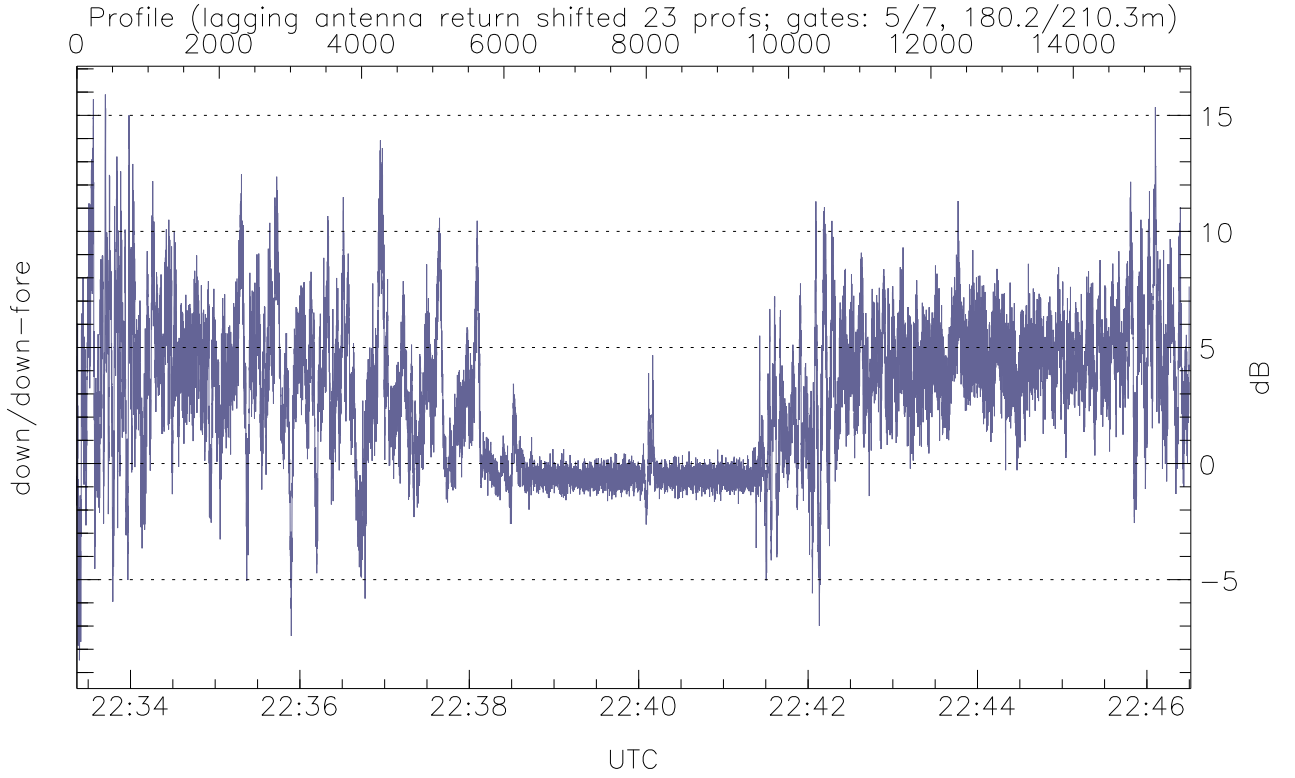
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

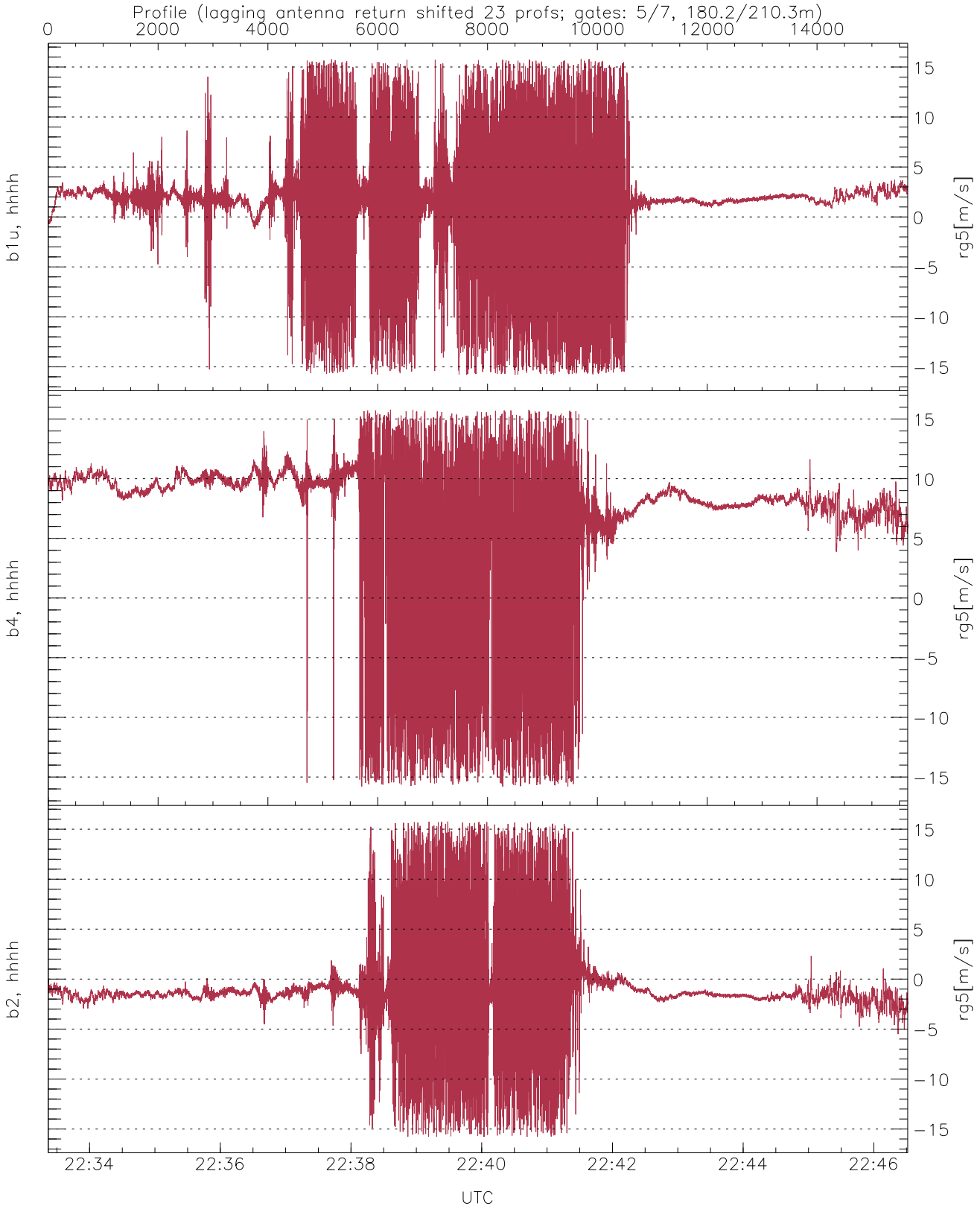
	Min	Max	Mean
up(hh[dBm])	-63.38	-34.01	-43.70
down-fore(hh[dBm])	-62.91	-24.13	-41.82
down(hh[dBm])	-63.62	-18.96	-37.88





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

	Min	Max	Mean
up/down(dB)	-32.64	16.98	-4.19
down/down-fore(dB)	-8.47	15.90	2.81



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	1.30	5.08
b4, hhhh(rg5[m/s])	-15.80	15.79	6.73	5.83
b2, hhhh(rg5[m/s])	-15.79	15.77	-1.21	4.04