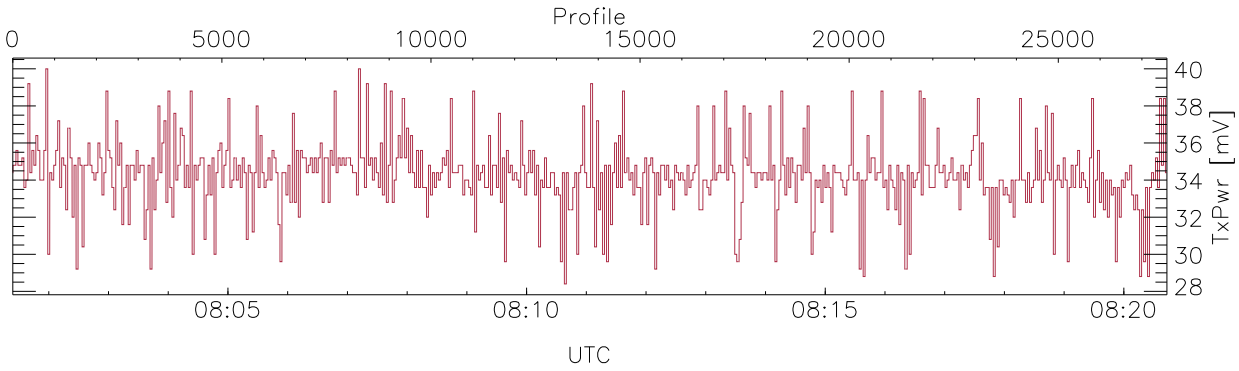
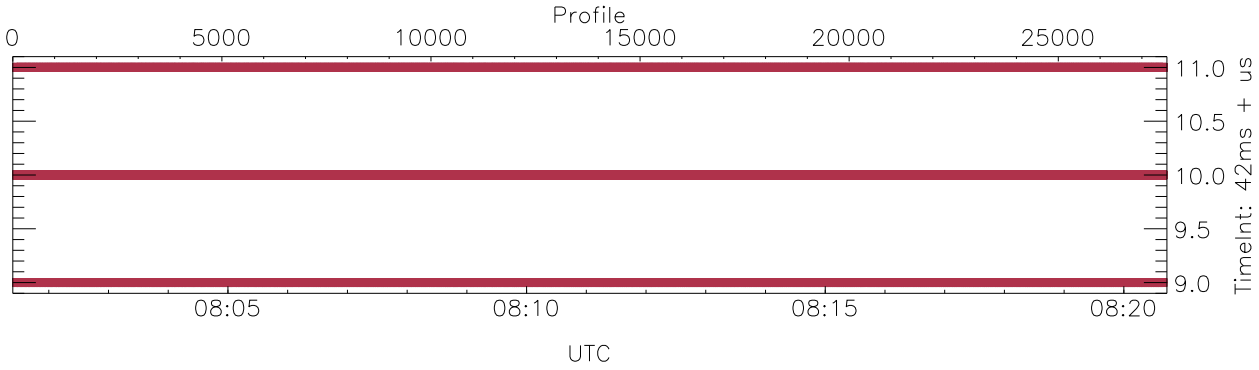
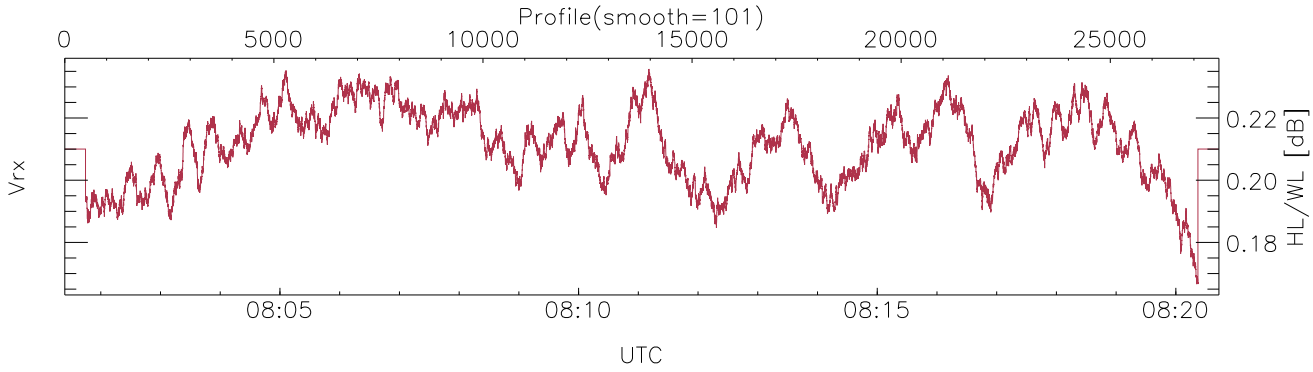
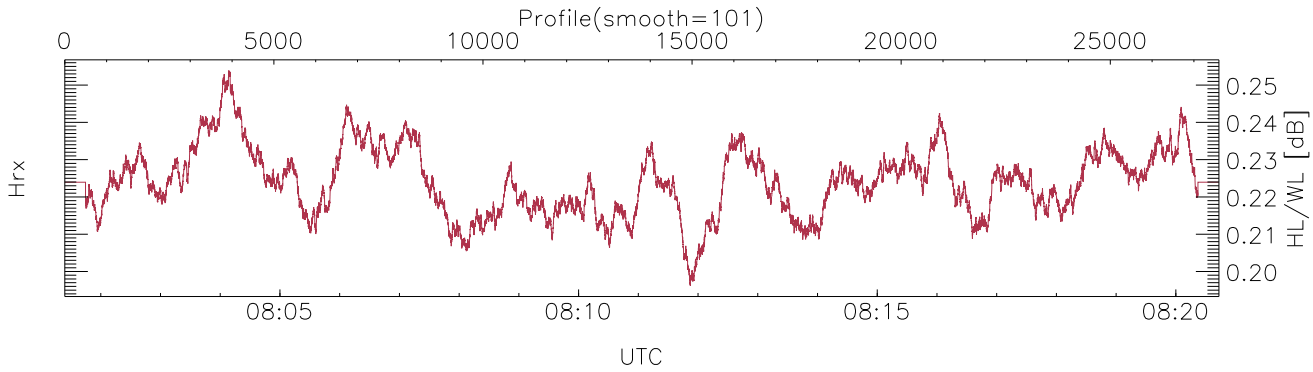


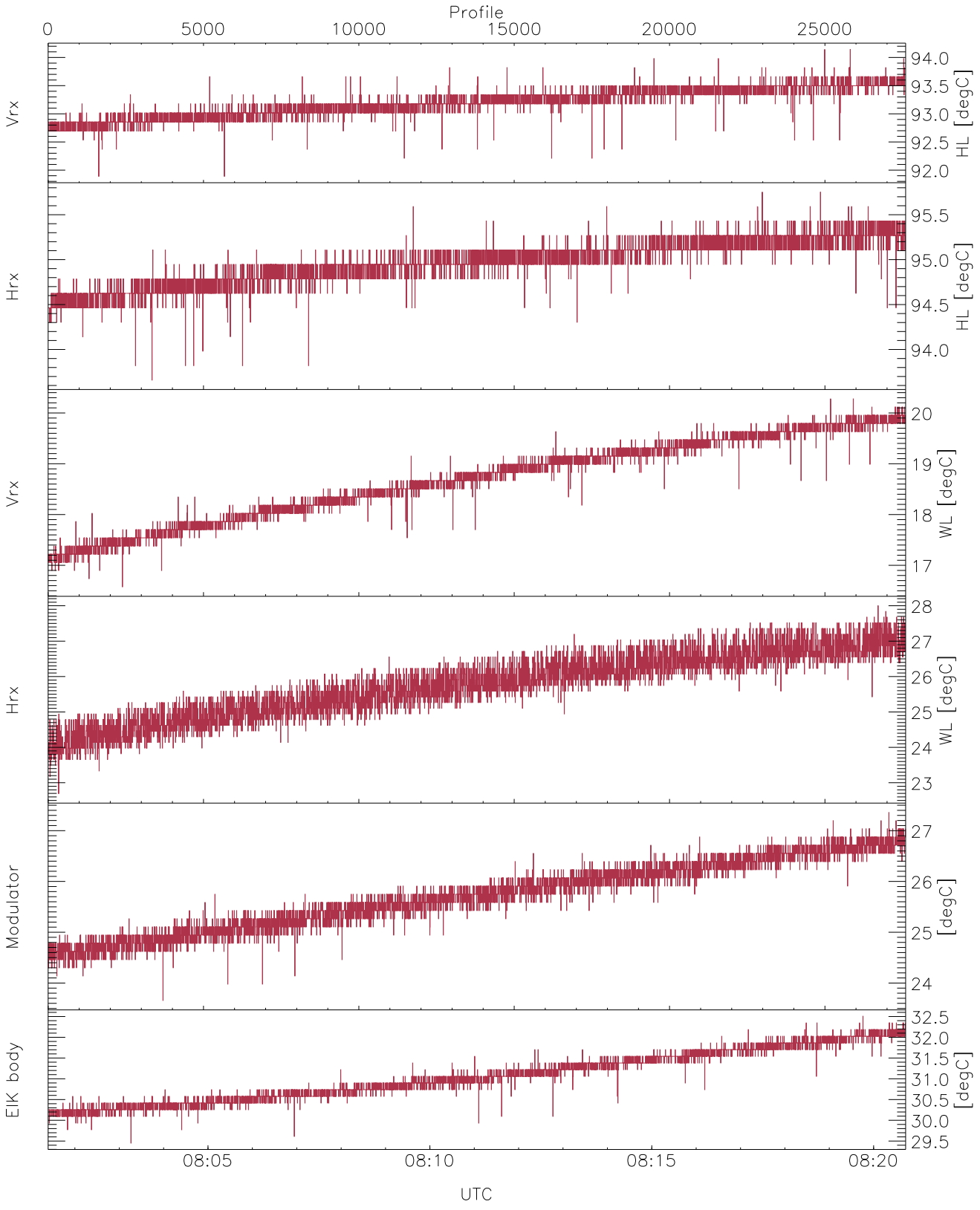






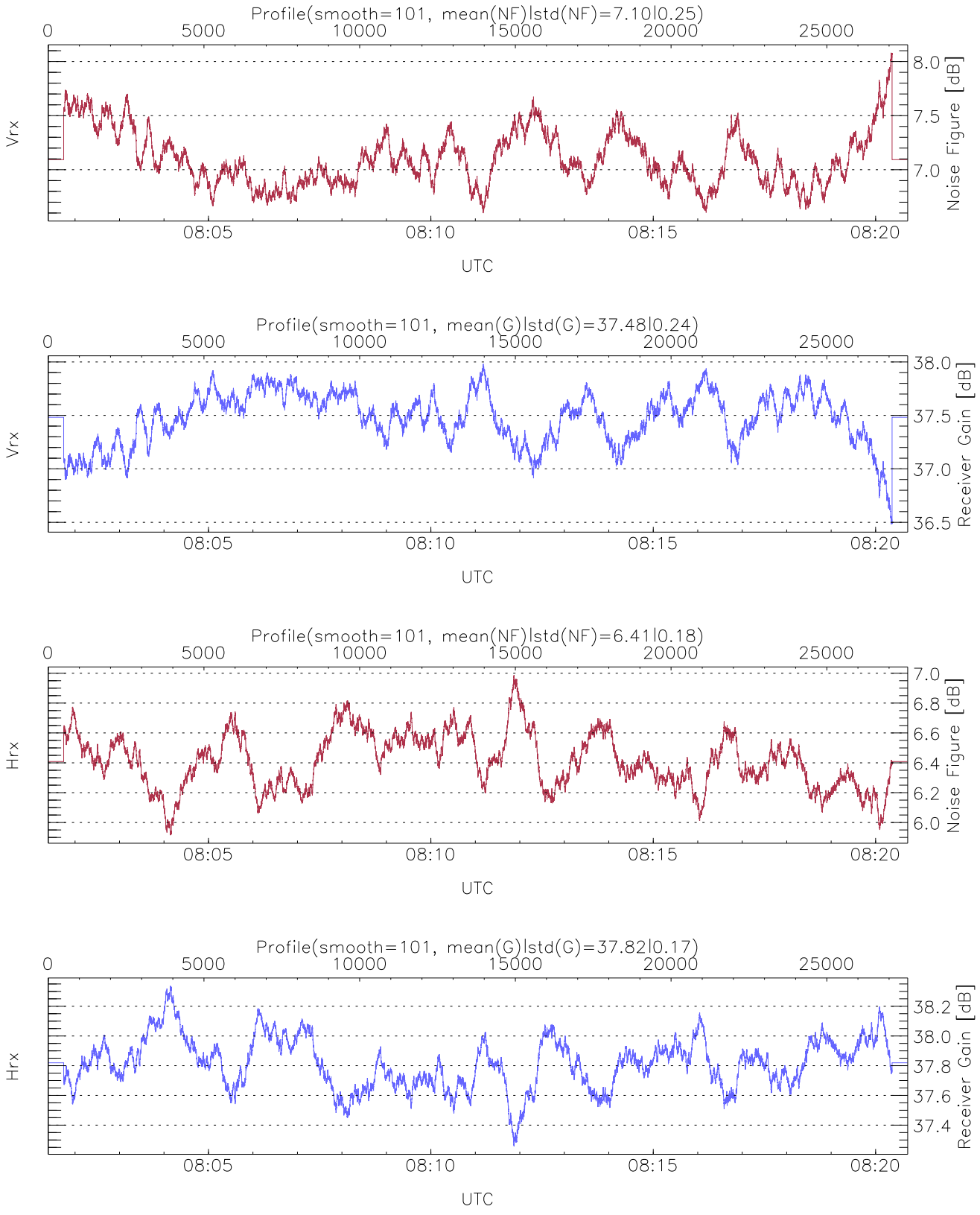
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 08:01:24-08:30:11, Dur: 1727.51s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
NumRec(r/t): 27600/41122, 0-27599/08:01:24-08:20:43
AcqTime: 42.0ms, Rate: 377KB/s, Averages: 140
Pulse: 250ns, IFF: 4.0MHz, 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): 105,6187,15.0 m, Gates: 406, Aspect: 4.0
Mirror(-9|0|1|2,3,9x)=no mirror|sideluplerror): 1



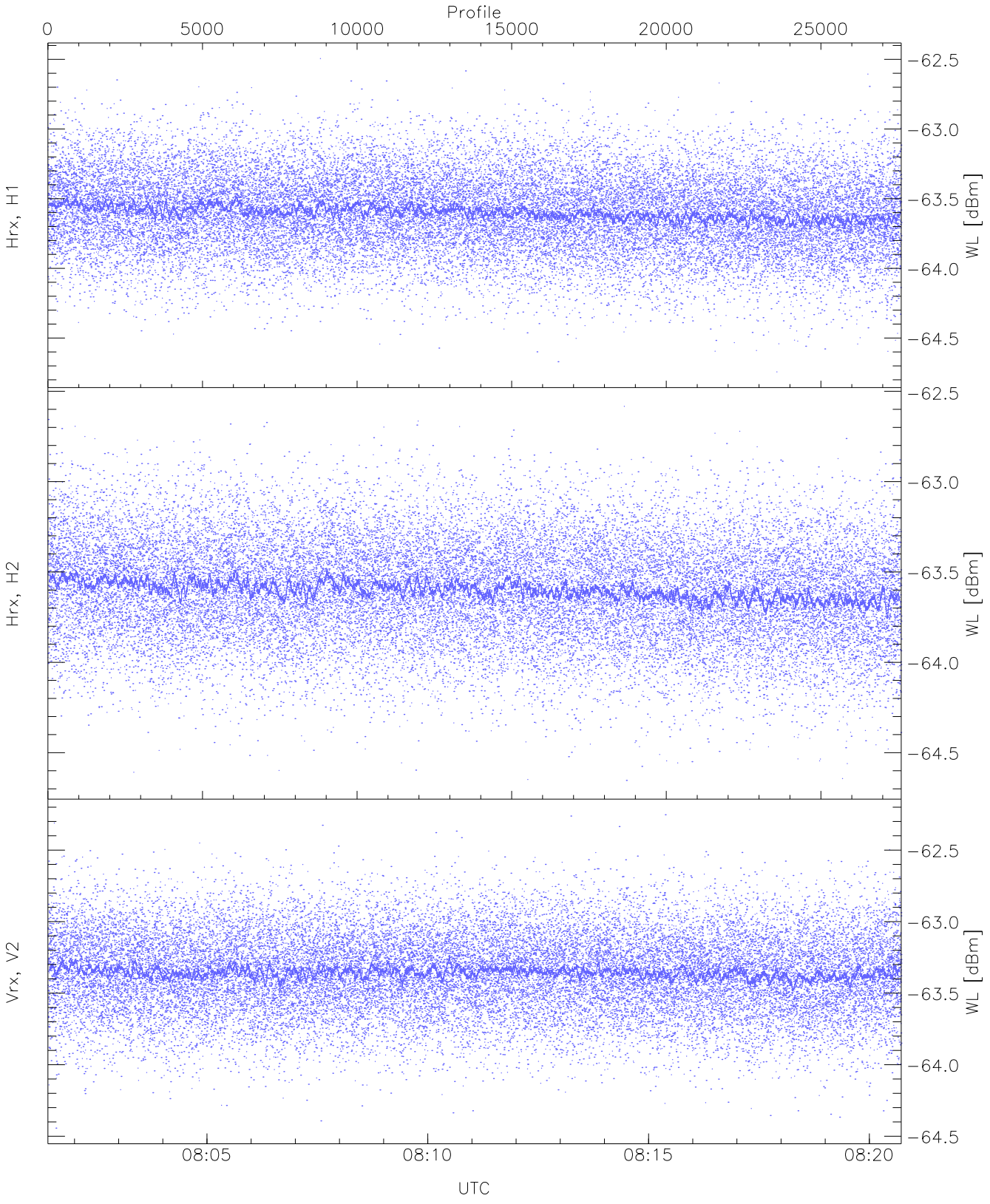
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,16,22,23,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,20,28,27,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



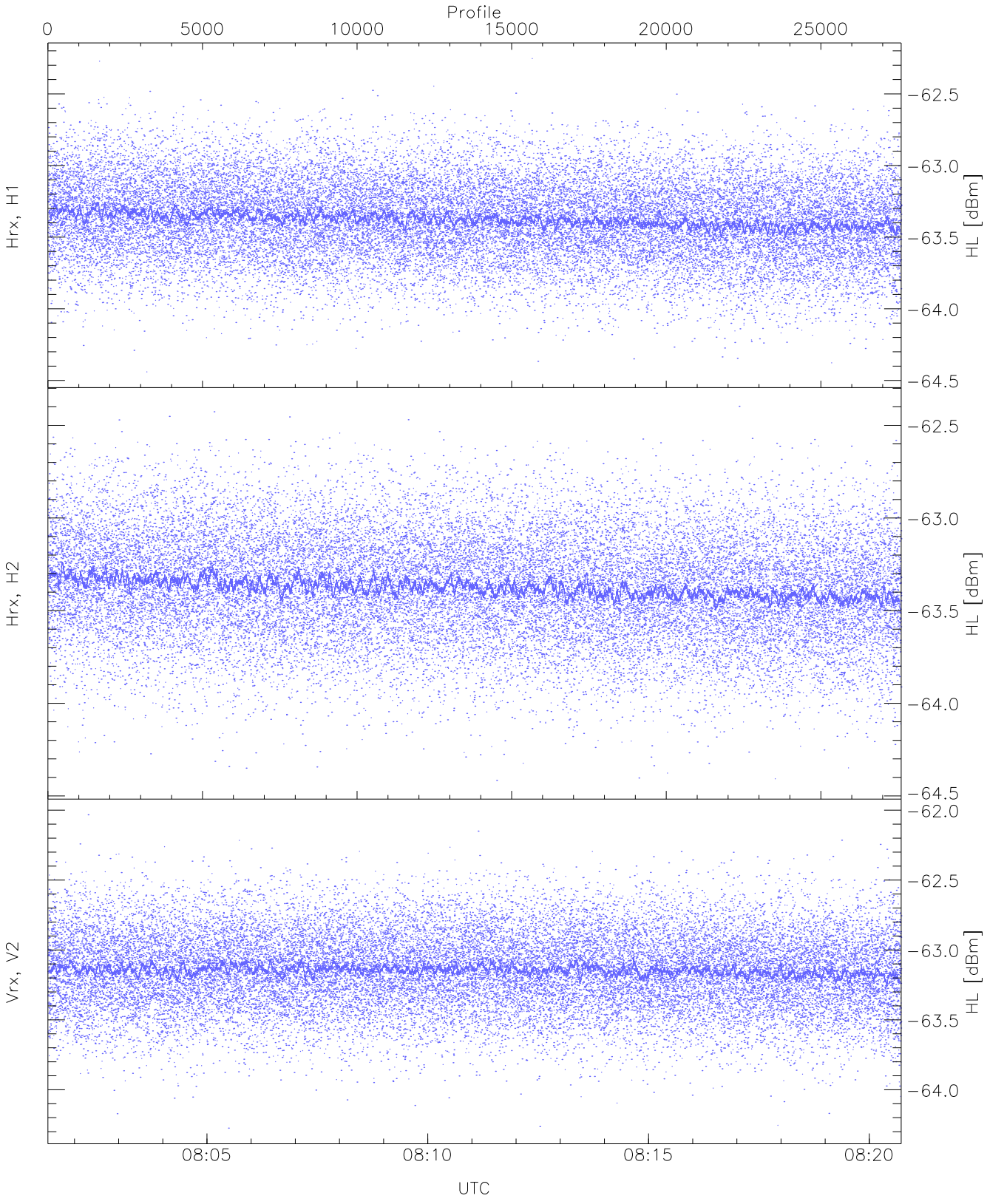
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 76399 pixs, 7 gates, 27600 profs, 3 prods



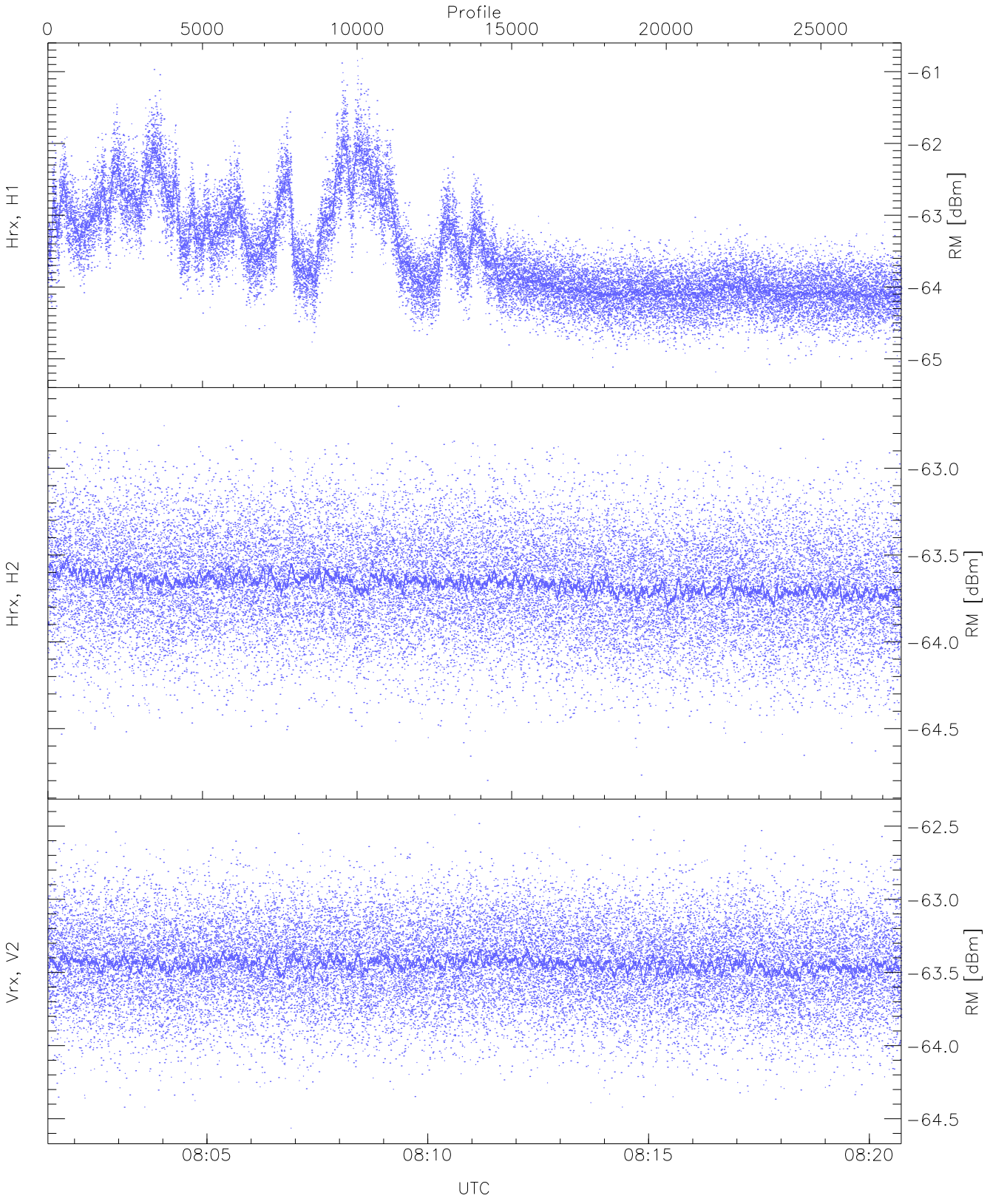
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.74	-62.49	-63.60	-63.60	-75.70
Hrx, H2(WL [dBm])	-64.65	-62.58	-63.60	-63.60	-75.70
Vrx, V2(WL [dBm])	-64.44	-62.25	-63.35	-63.36	-75.44



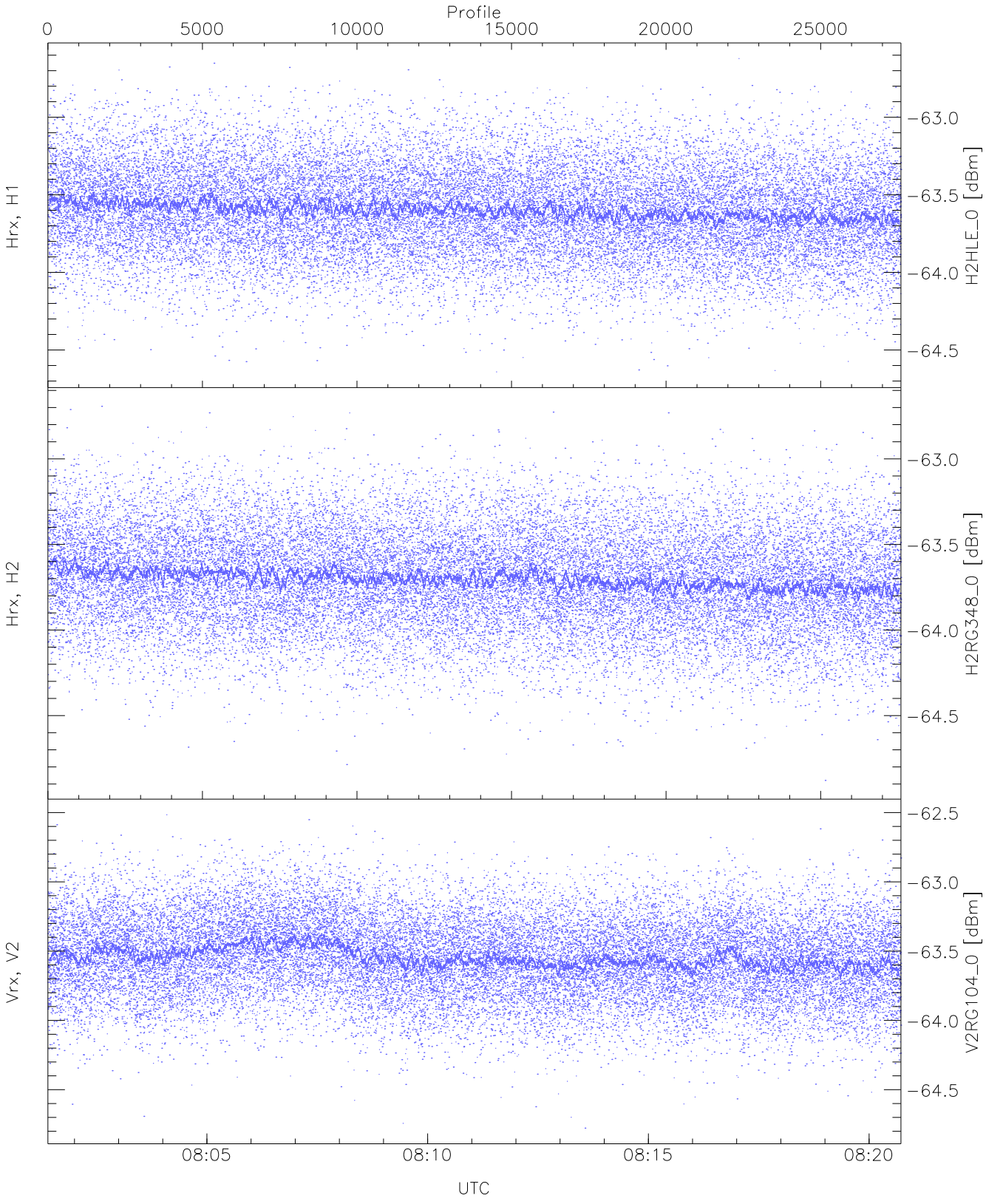
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-64.44	-62.25	-63.37	-63.38	-75.51
Hrx, H2(HL [dBm])	-64.42	-62.40	-63.37	-63.38	-75.46
Vrx, V2(HL [dBm])	-64.27	-62.03	-63.14	-63.15	-75.29



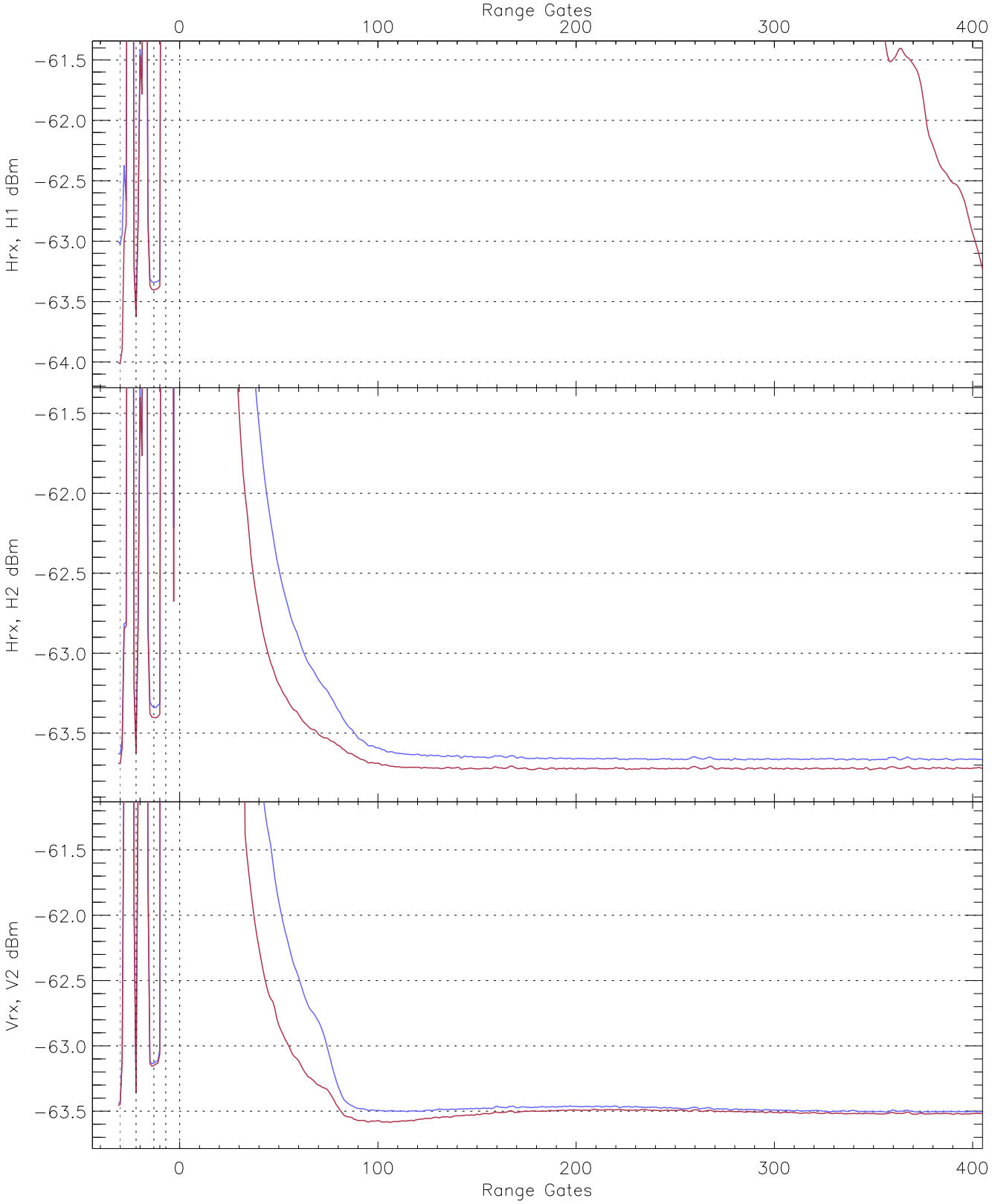
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.18	-60.82	-63.49	-63.72	-71.35
Hrx, H2(RM [dBm])	-64.80	-62.64	-63.66	-63.67	-75.75
Vrx, V2(RM [dBm])	-64.56	-62.42	-63.44	-63.44	-75.56

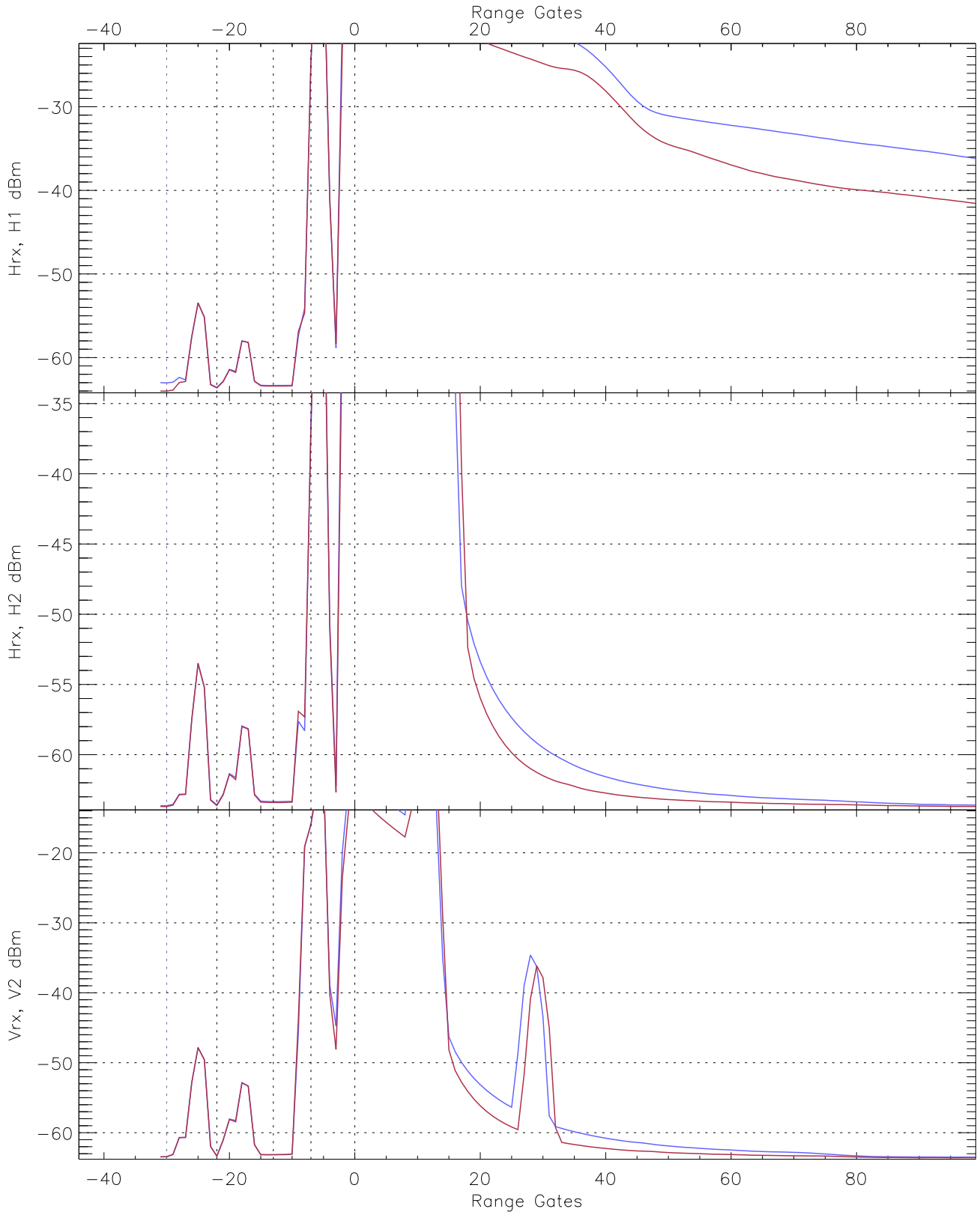


WCR2 CPP "Best" estimate Receivers Noise Power

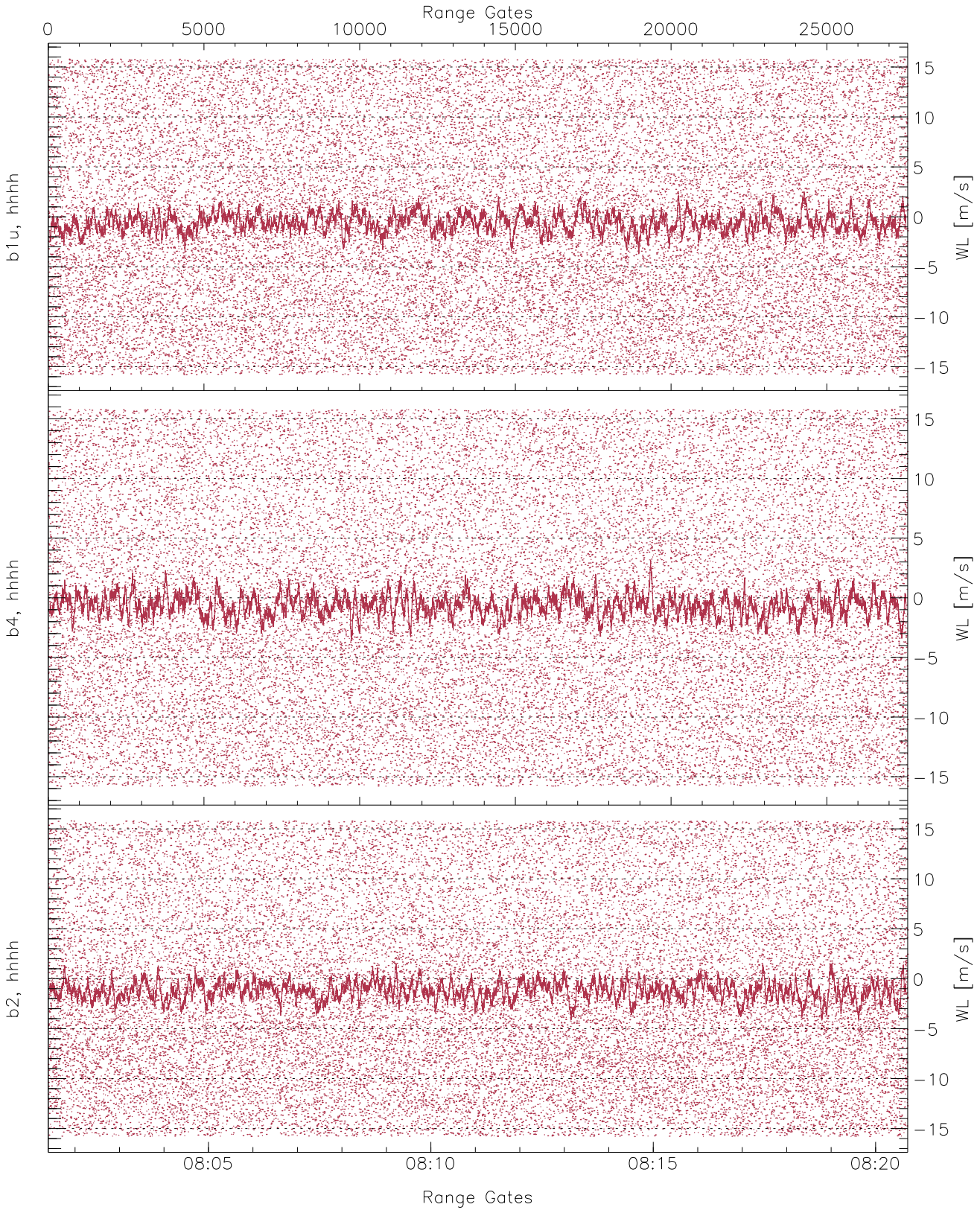
	Min	Max	Mean	Median	StDev
H2HLE_0 [dBm]	-64.64	-62.62	-63.60	-63.60	-75.69
H2RG348_0 [dBm]	-64.88	-62.69	-63.70	-63.71	-75.76
V2RG104_0 [dBm]	-64.78	-62.52	-63.54	-63.55	-75.56



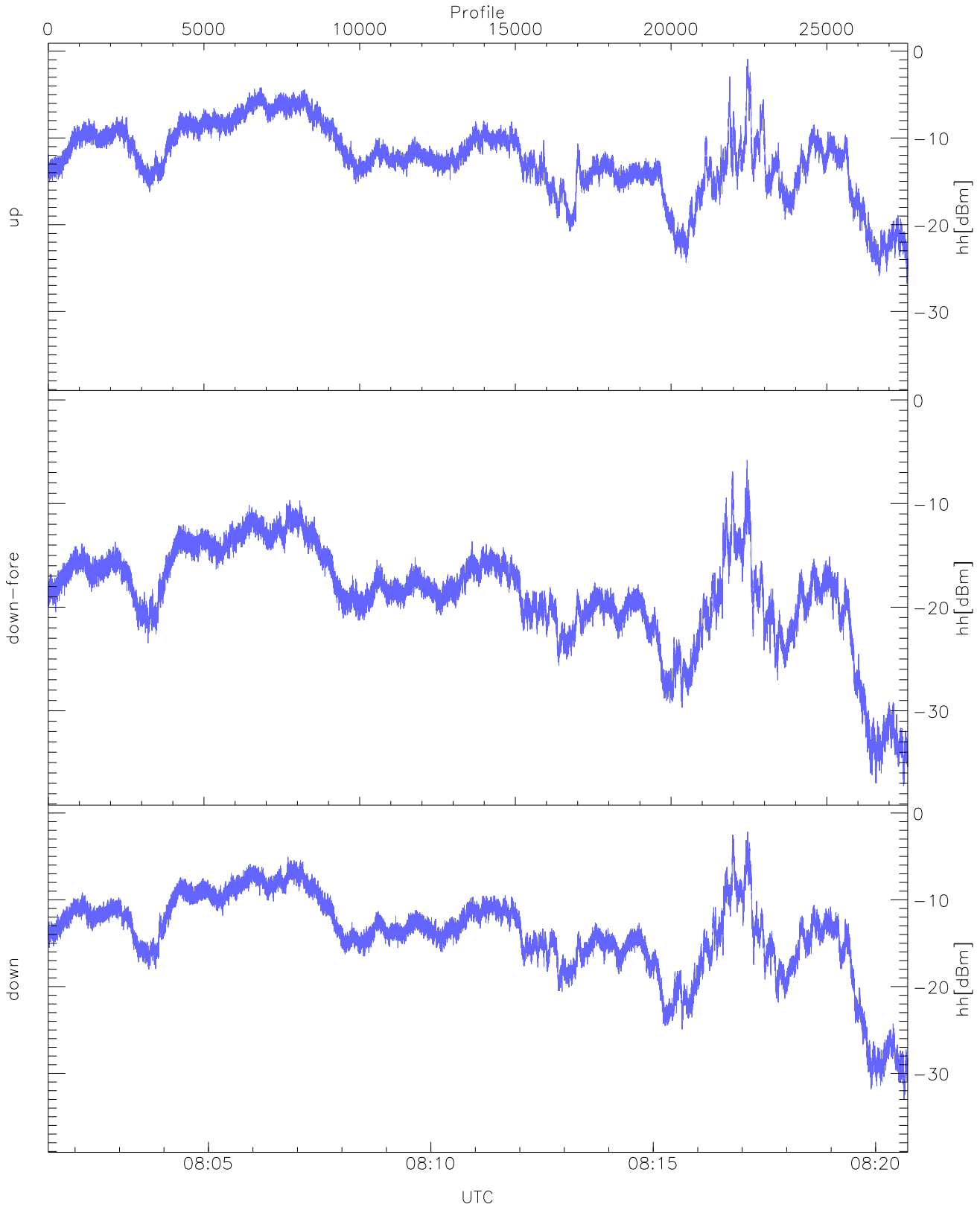
WCR2 CPP Averaged Received power for all recorded gates
blue: 080124-081104, 13801 profiles averaged
red: 081104-082043, 13800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 080124-081104, 13801 profiles averaged
red: 081104-082043, 13800 profiles averaged

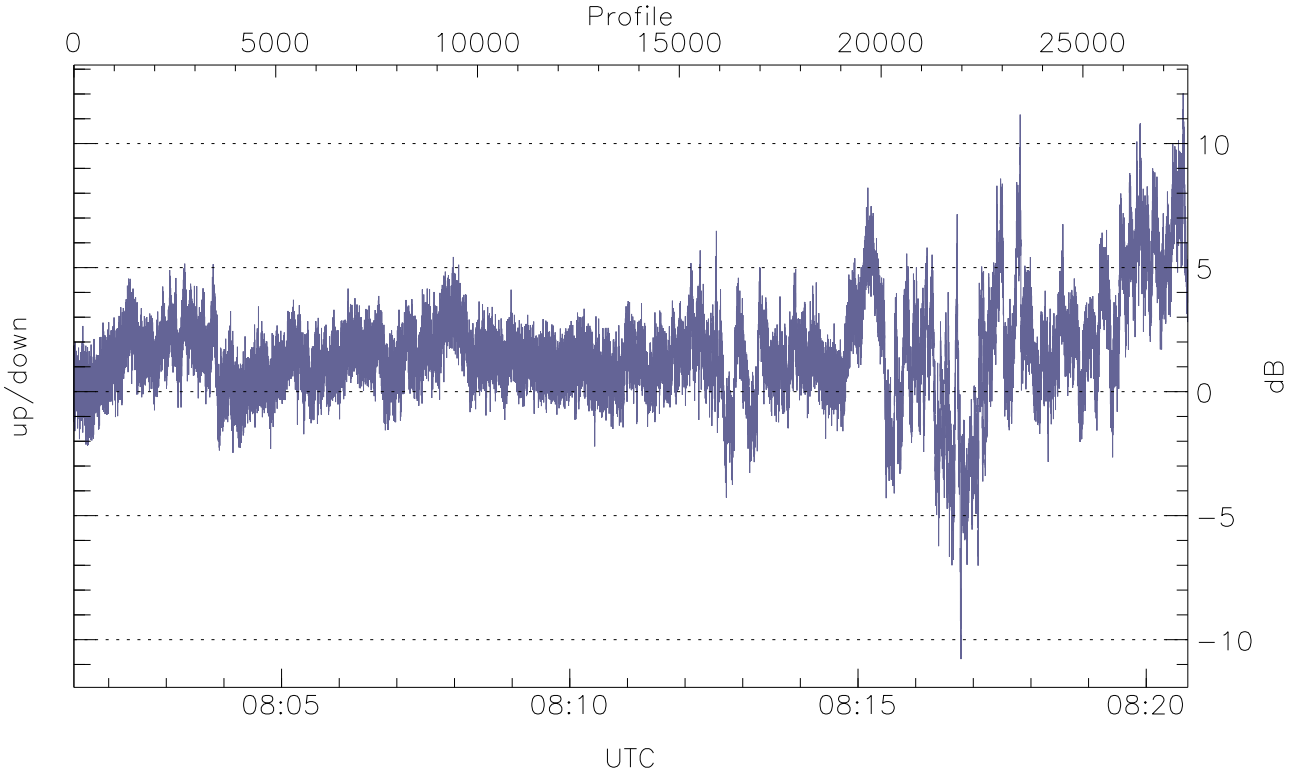


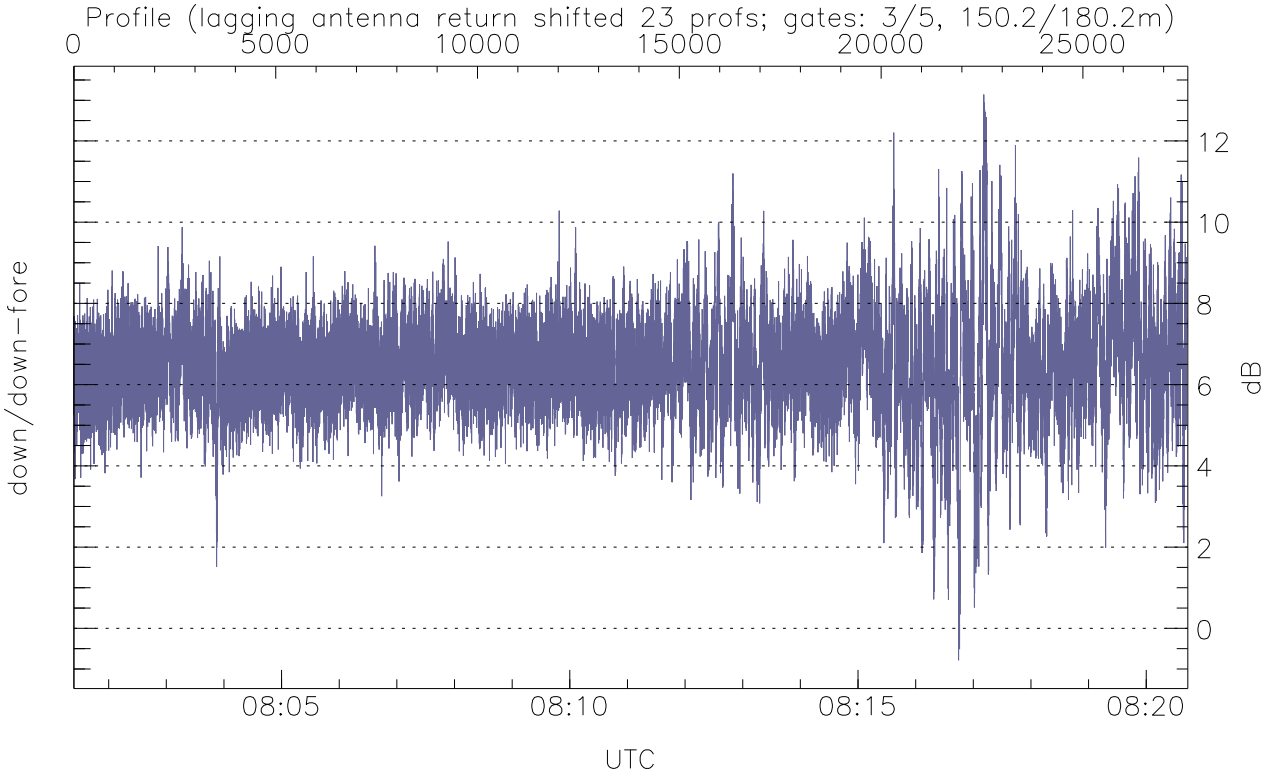
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

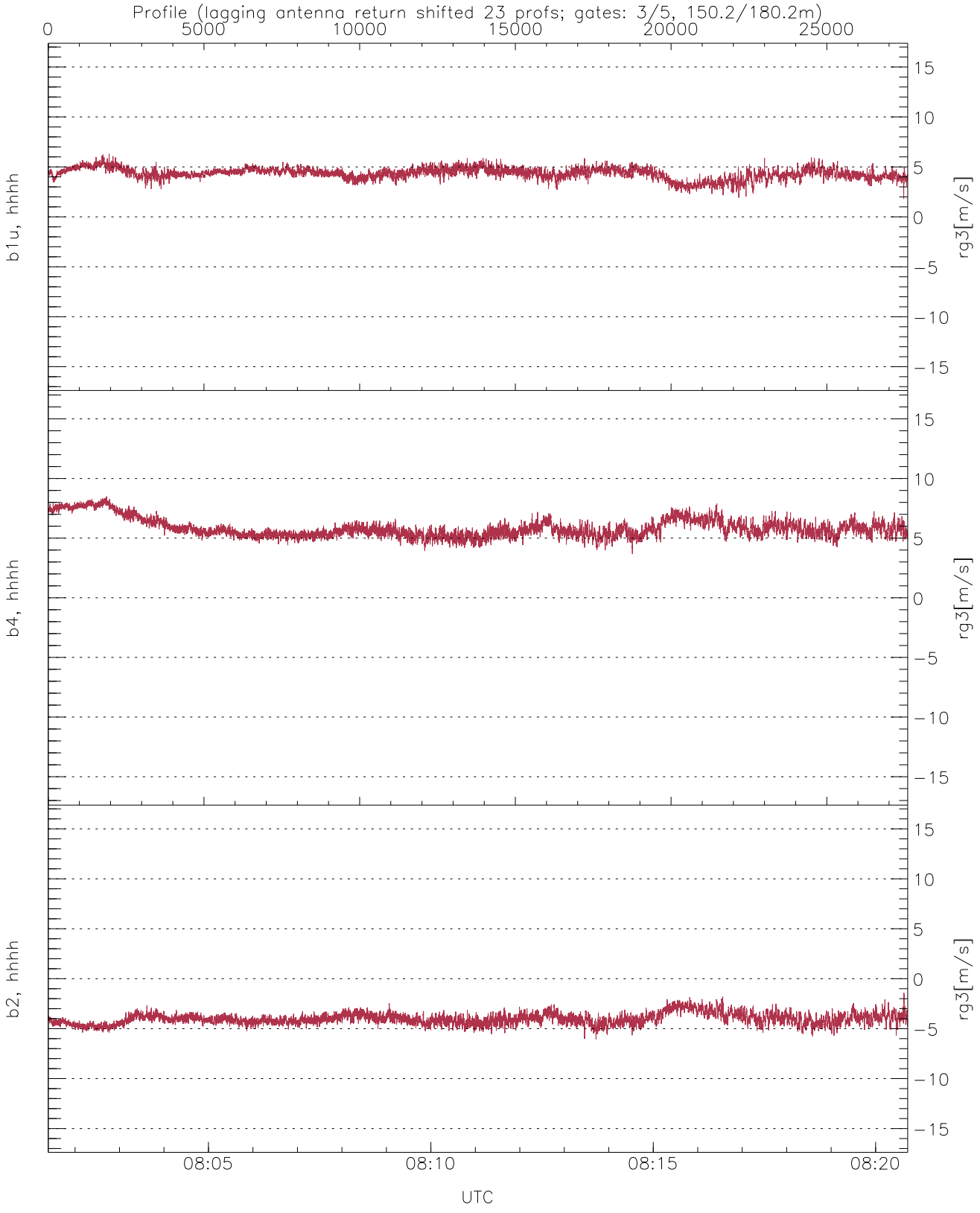
	Min	Max	Mean
up(hh[dBm])	-26.79	-0.90	-10.84
down-fore(hh[dBm])	-37.28	-5.79	-16.77
down(hh[dBm])	-33.03	-2.15	-12.02





WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down(dB)	-10.78	12.03	1.58
down/down-fore(dB)	-0.79	13.14	6.49



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	1.80	6.30	4.34	0.56
b4, hhhh(rg3[m/s])	3.67	8.50	5.85	0.79
b2, hhhh(rg3[m/s])	-6.06	-1.41	-4.02	0.55