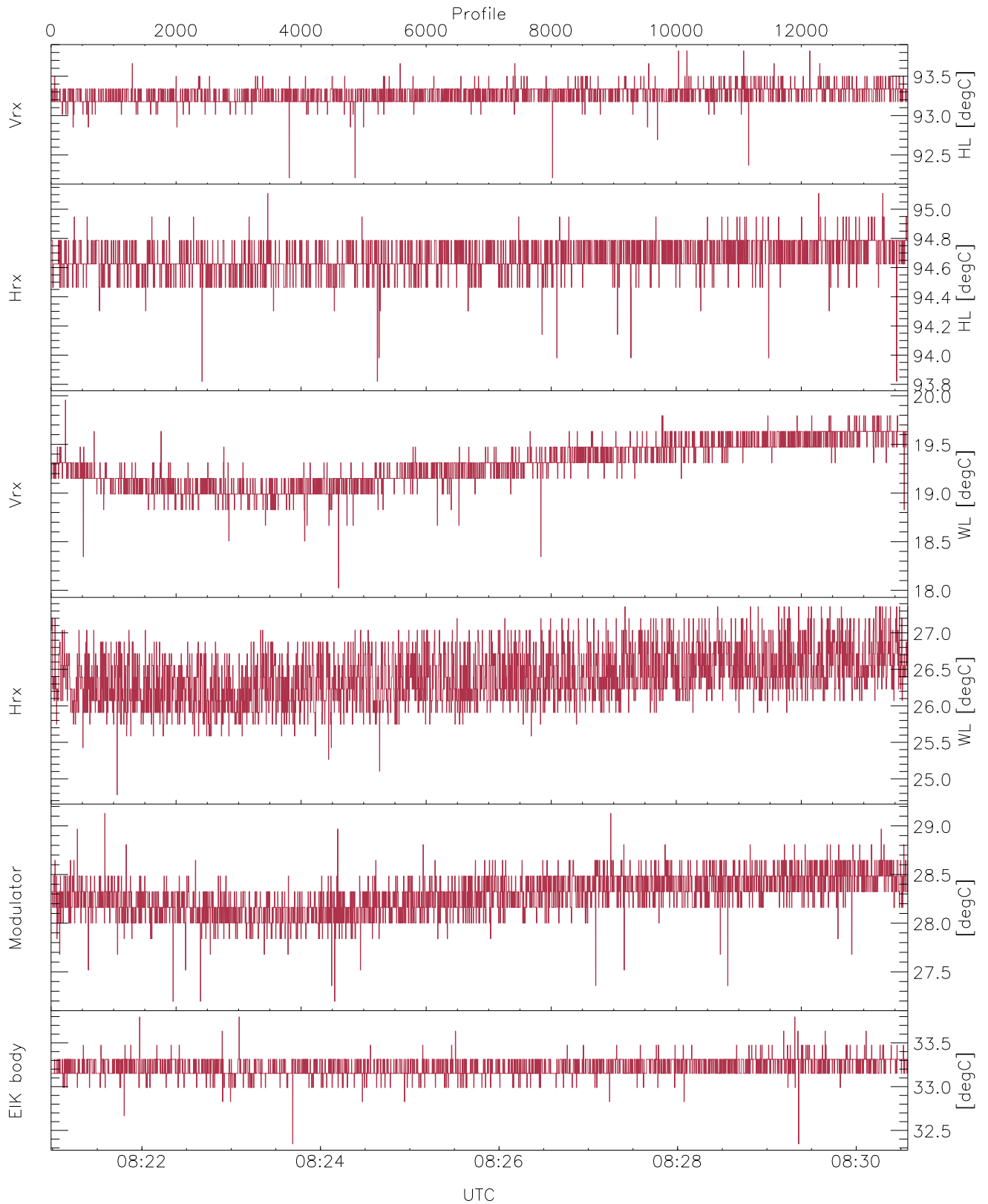


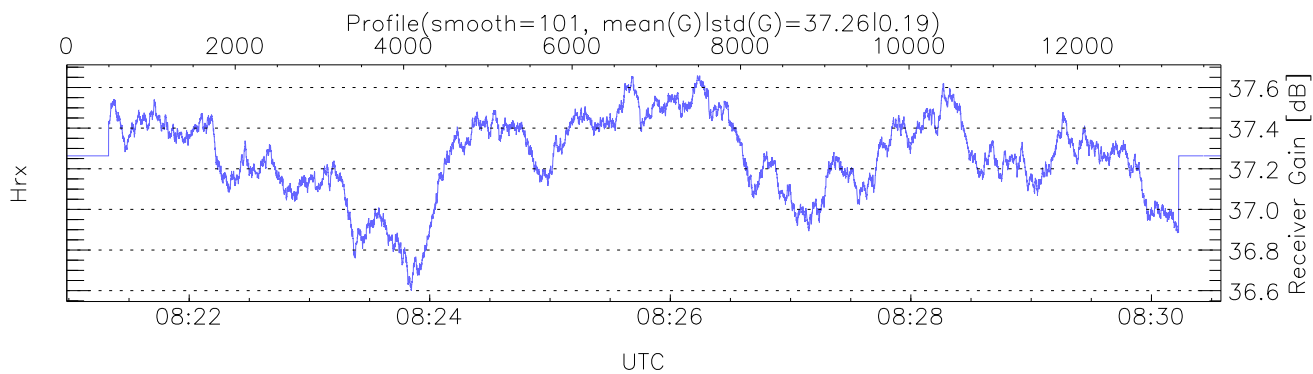
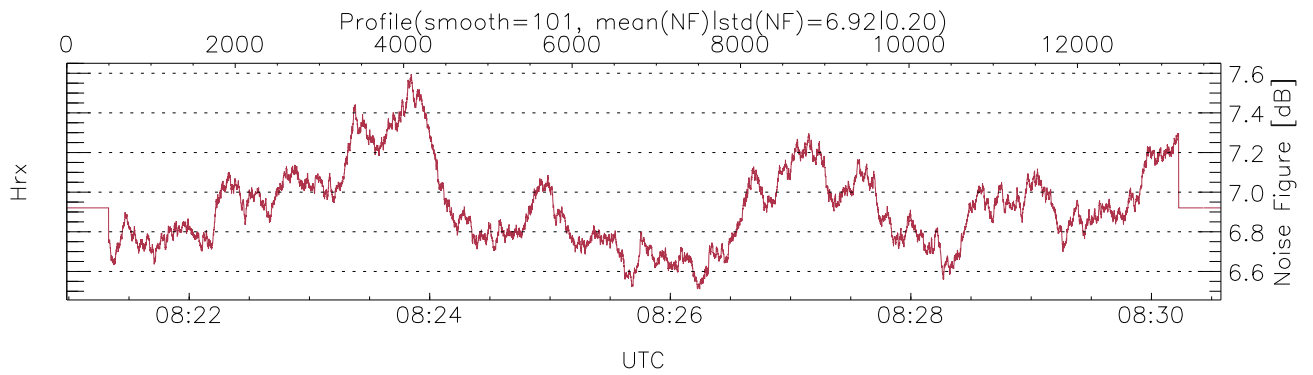
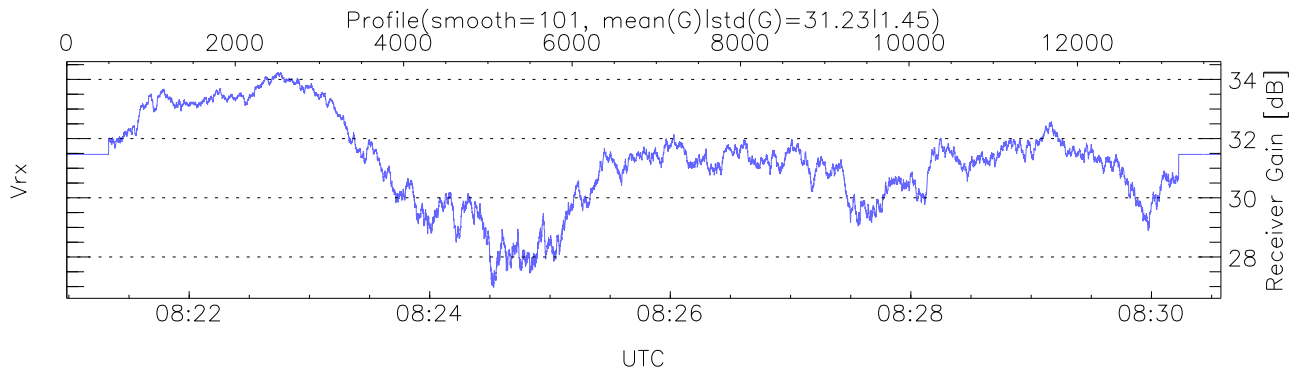
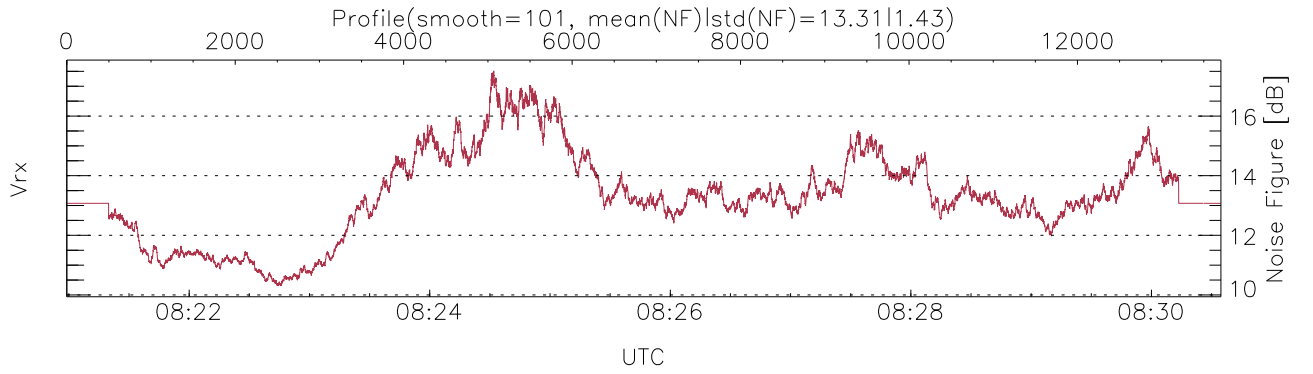
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 08:20:59-08:30:35, Dur: 575.71s
 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): 13705/13705, 0-13704/08:20:59-08:30:35
 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,rqs): 105,6187,15.0 m, Gates: 406, Aspect: 4.0
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



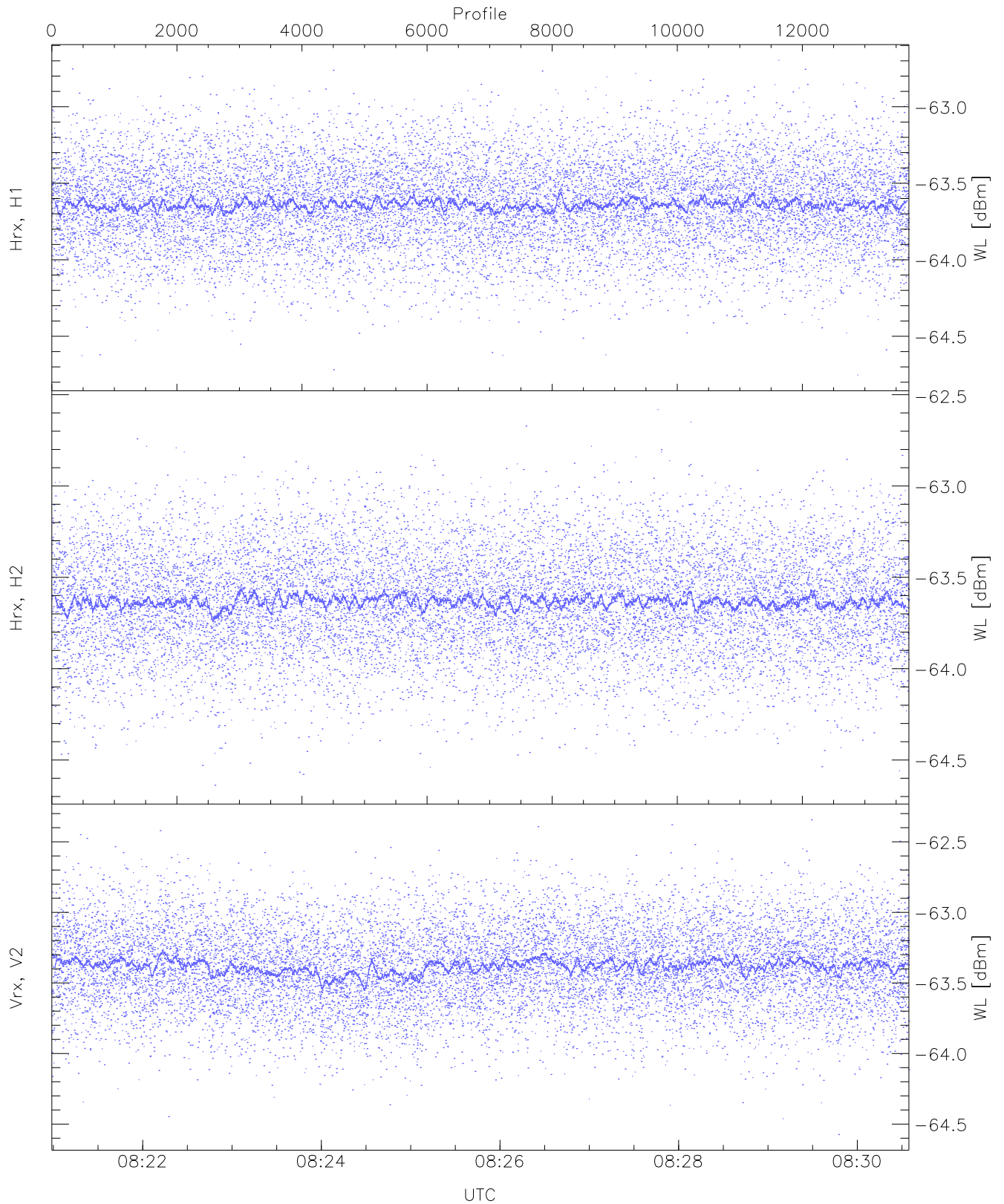
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,24,27,32`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,19,27,29,33`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK/Modulator Faults: None`



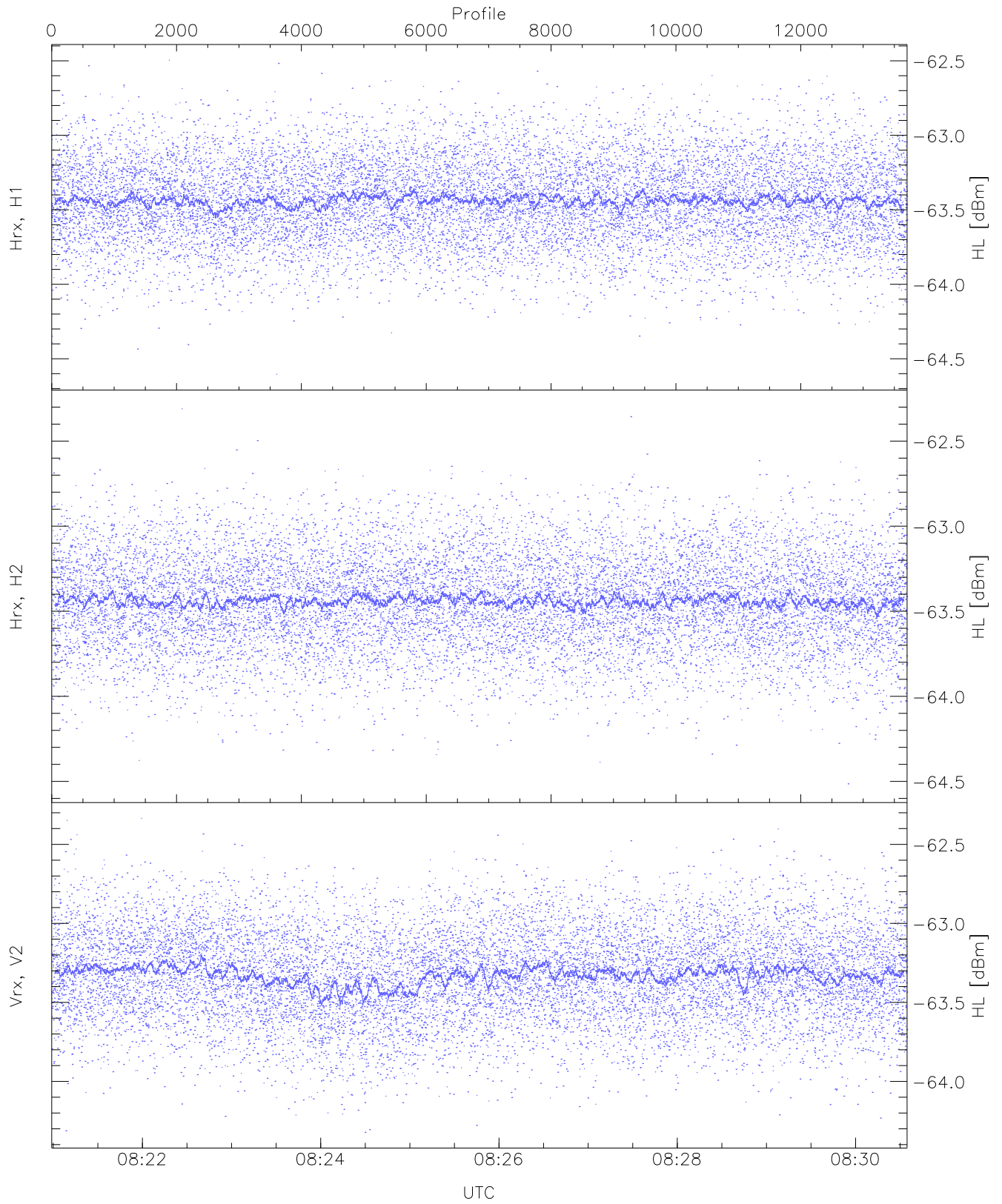
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 413 pixs, 5 gates, 297 profs, 2 prods



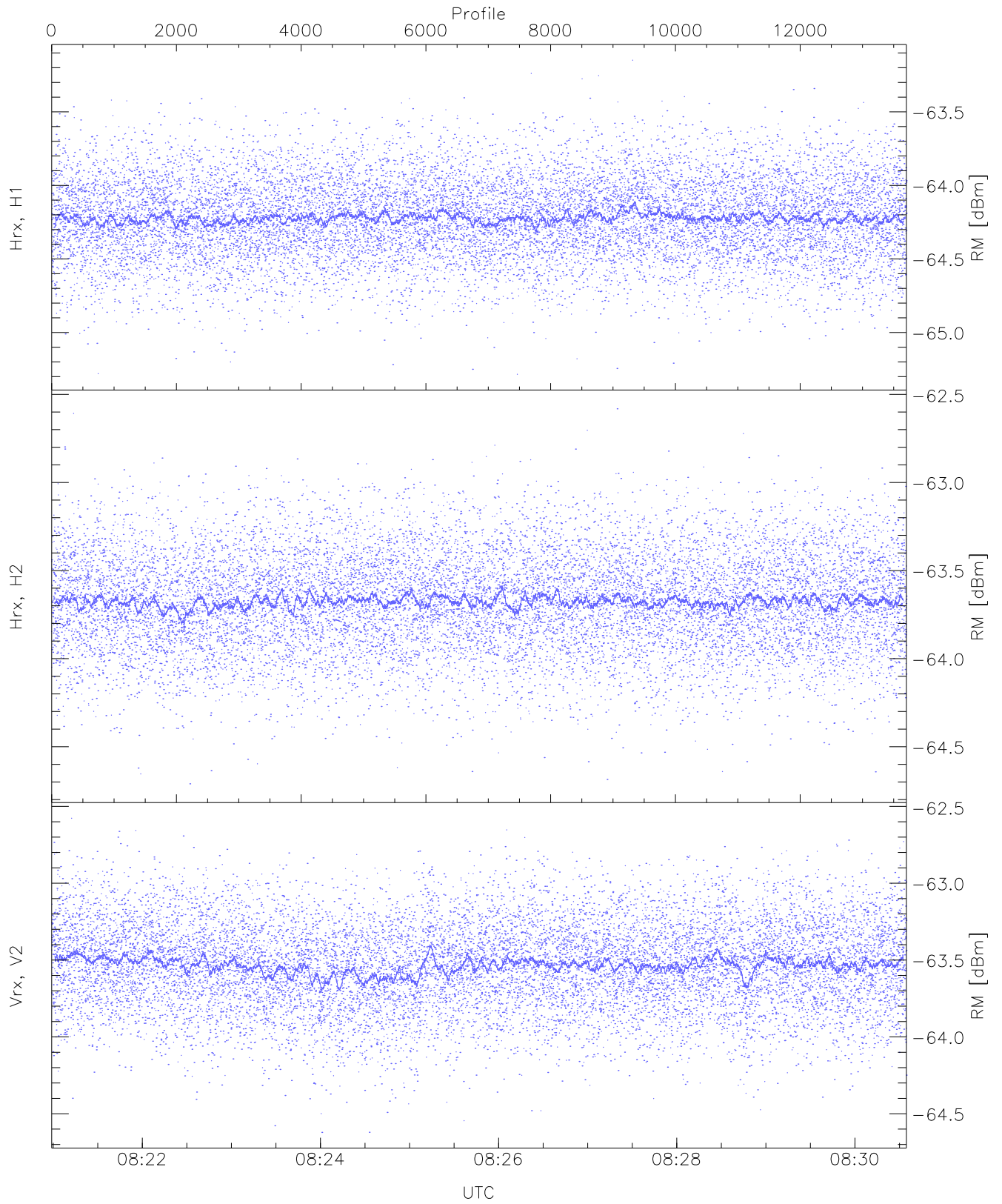
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.75	-62.70	-63.63	-63.64	-75.75
Hrx, H2(WL [dBm])	-64.64	-62.58	-63.63	-63.63	-75.77
Vrx, V2(WL [dBm])	-64.57	-62.34	-63.38	-63.38	-75.46



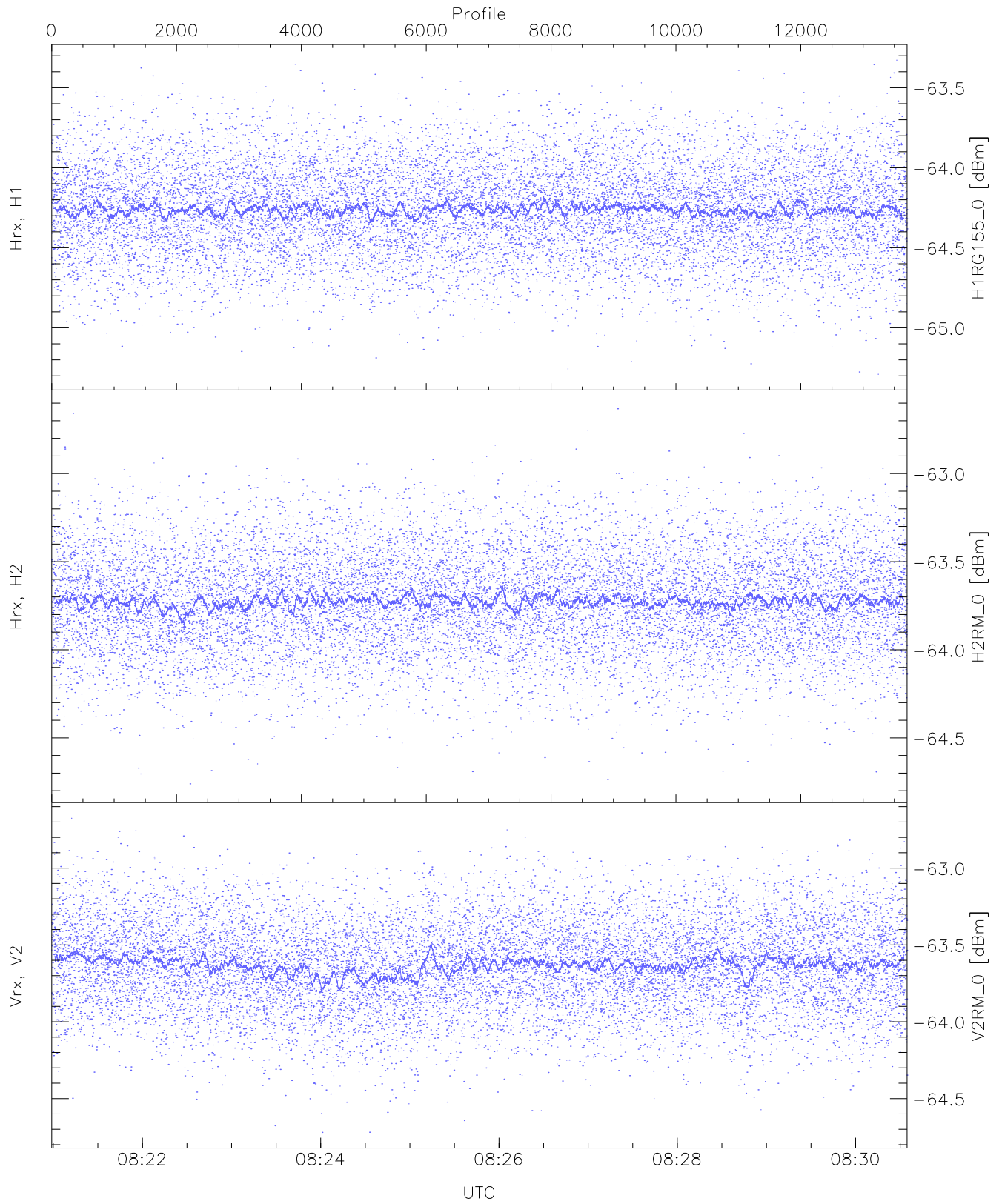
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.60	-62.50	-63.43	-63.44	-75.56
Hrx, H2 (HL [dBm])	-64.51	-62.31	-63.44	-63.44	-75.66
Vrx, V2 (HL [dBm])	-64.32	-62.33	-63.32	-63.33	-75.36



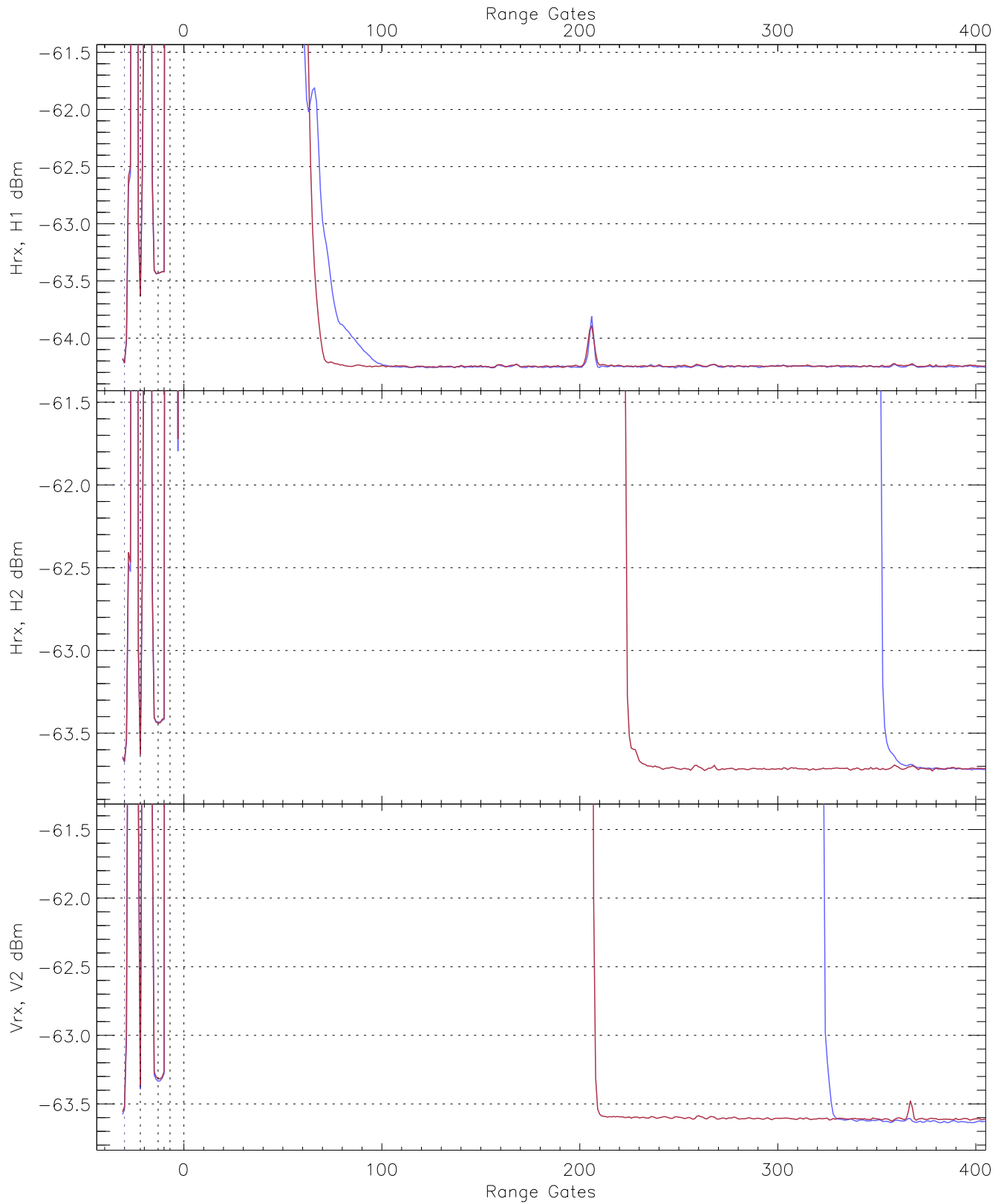
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.28	-63.15	-64.22	-64.22	-76.40
Hrx, H2(RM [dBm])	-64.71	-62.58	-63.67	-63.68	-75.81
Vrx, V2(RM [dBm])	-64.62	-62.58	-63.53	-63.53	-75.57

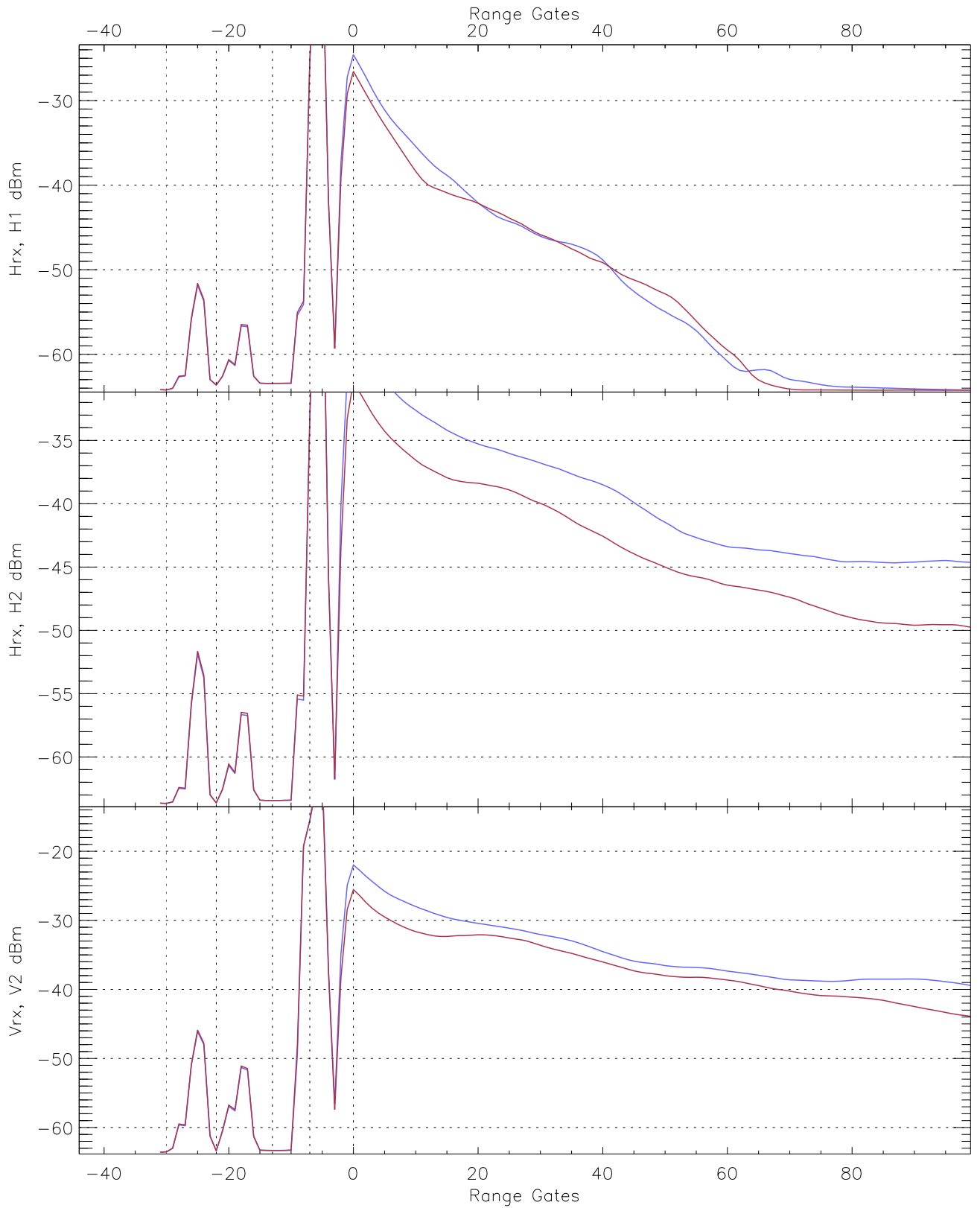


WCR2 CPP "Best" estimate Receivers Noise Power

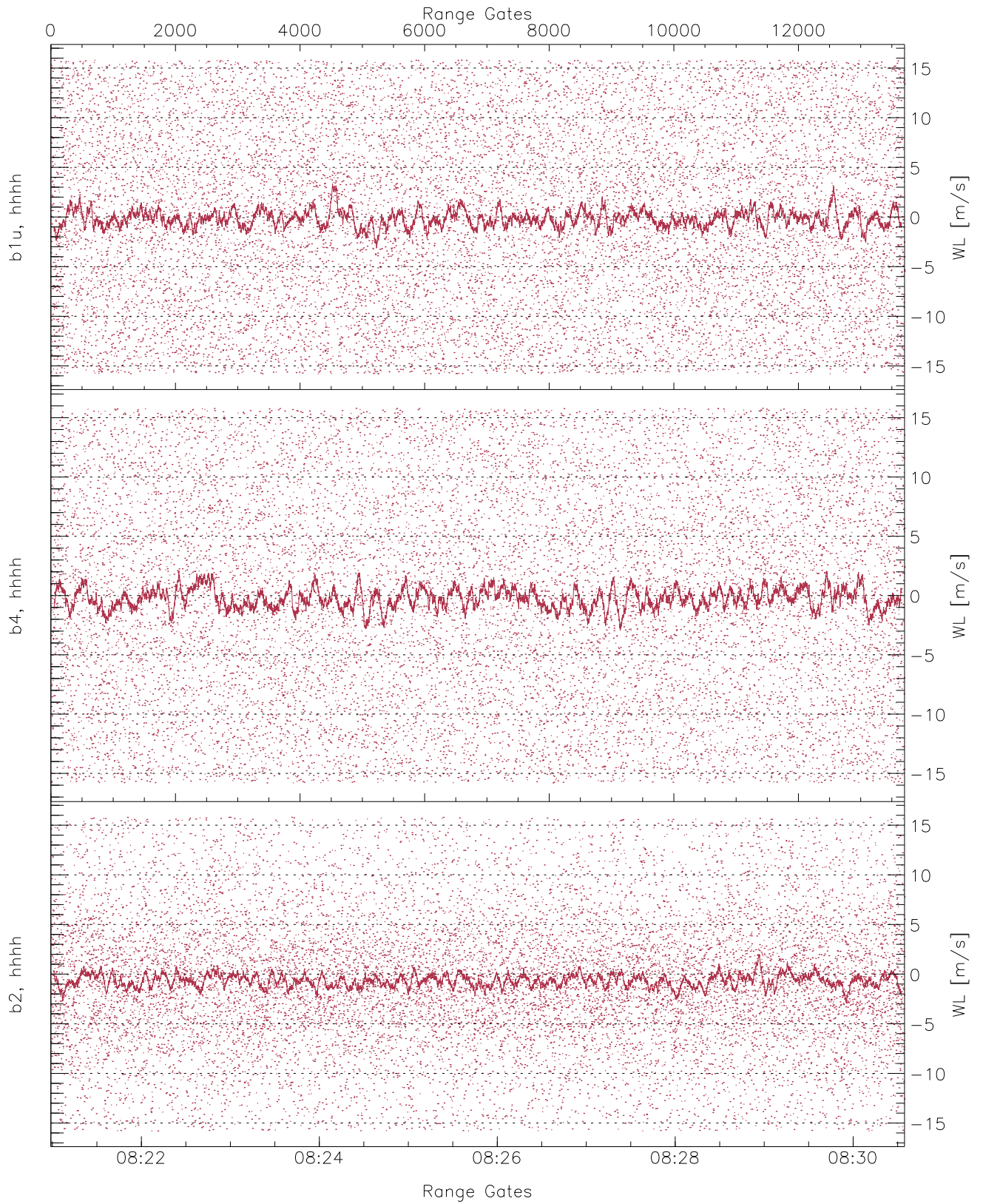
	Min	Max	Mean	Median	StDev
H1RG155_0 [dBm]	-65.29	-63.33	-64.26	-64.26	-76.36
H2RM_0 [dBm]	-64.76	-62.63	-63.72	-63.73	-75.86
V2RM_0 [dBm]	-64.72	-62.68	-63.63	-63.63	-75.67



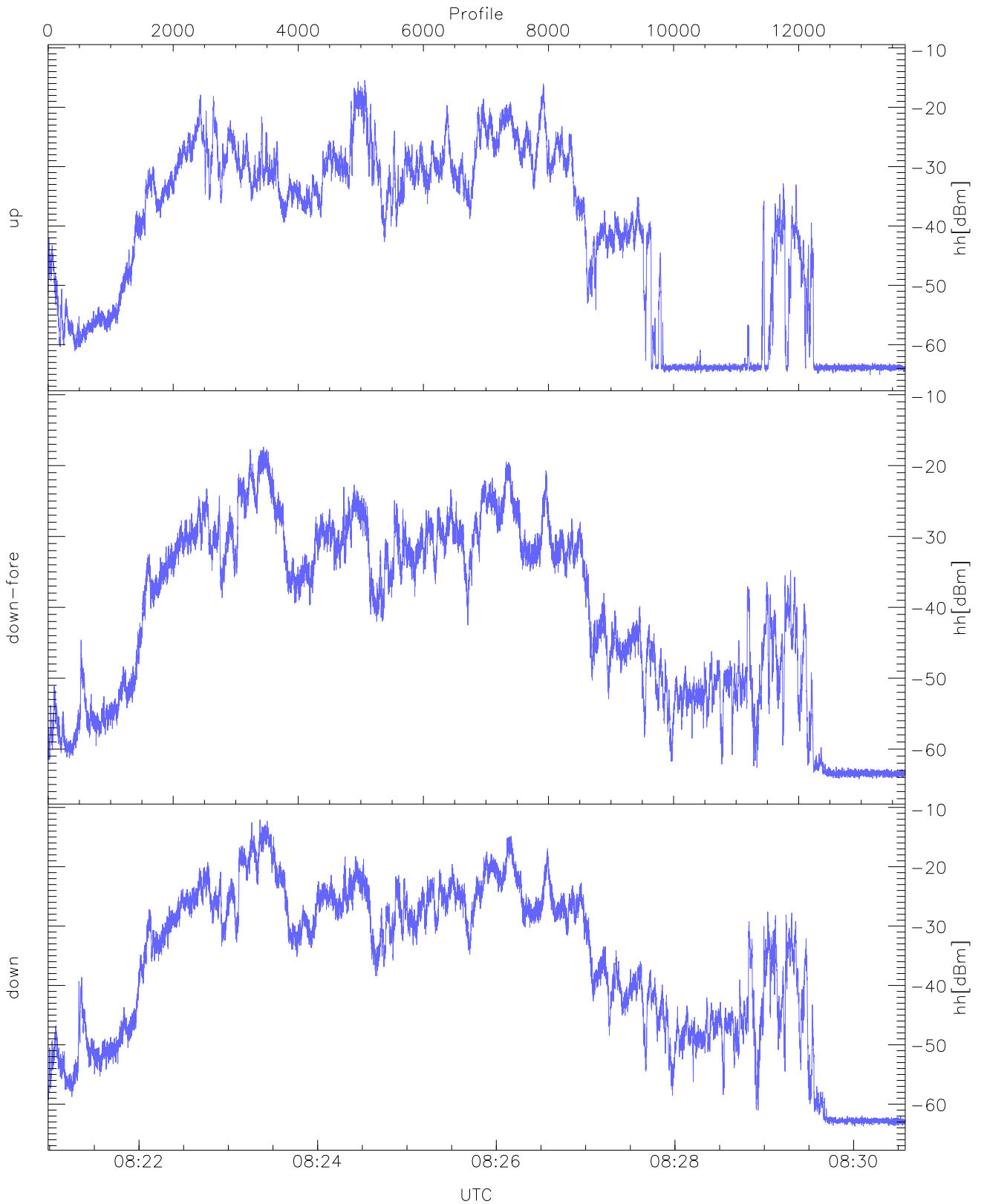
WCR2 CPP Averaged Received power for all recorded gates
blue: 082059-082547, 6853 profiles averaged
red: 082547-083035, 6853 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 082059-082547, 6853 profiles averaged
red: 082547-083035, 6853 profiles averaged

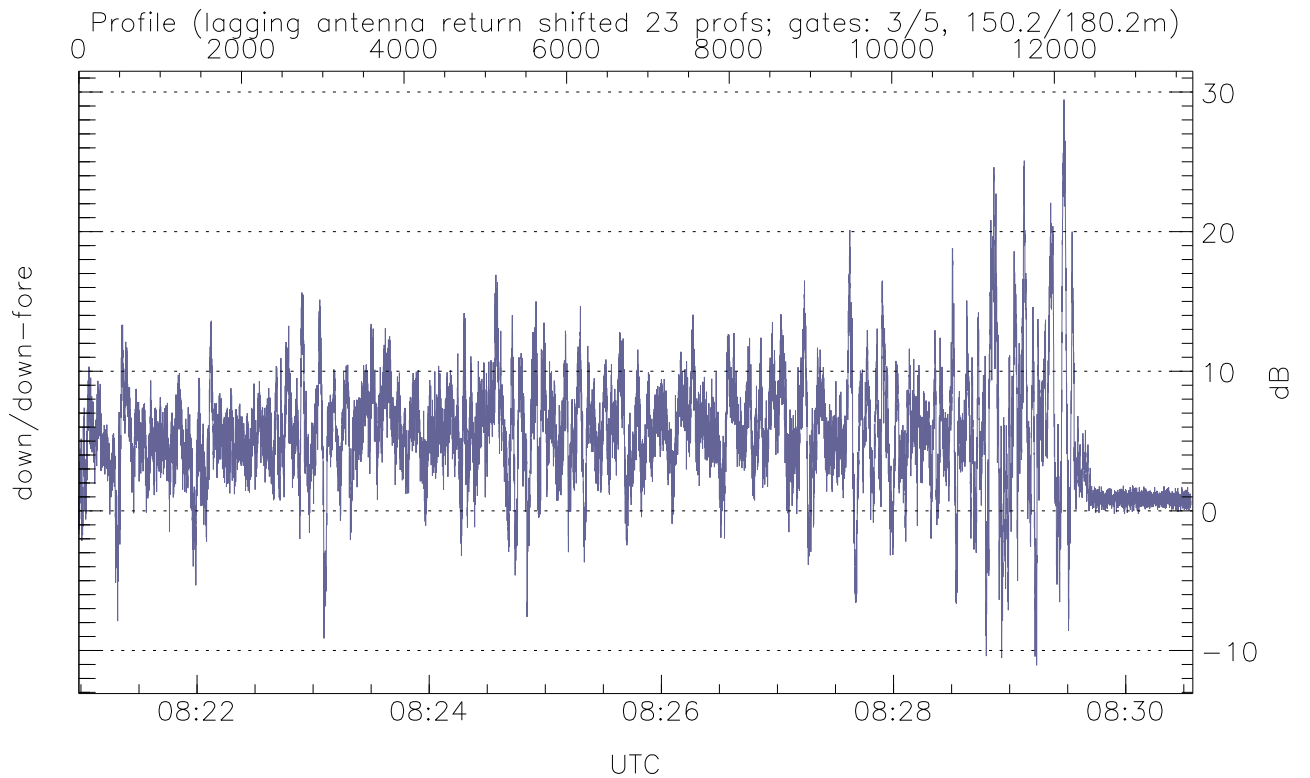
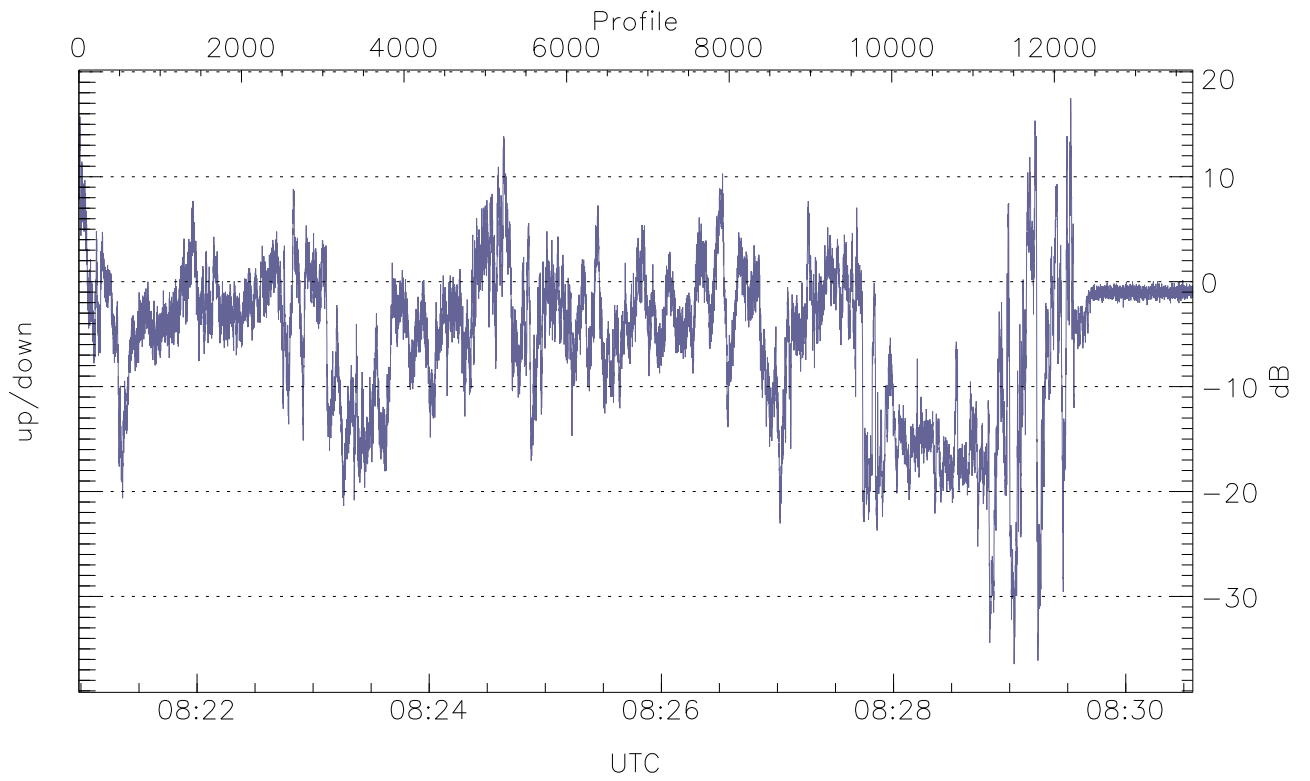


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



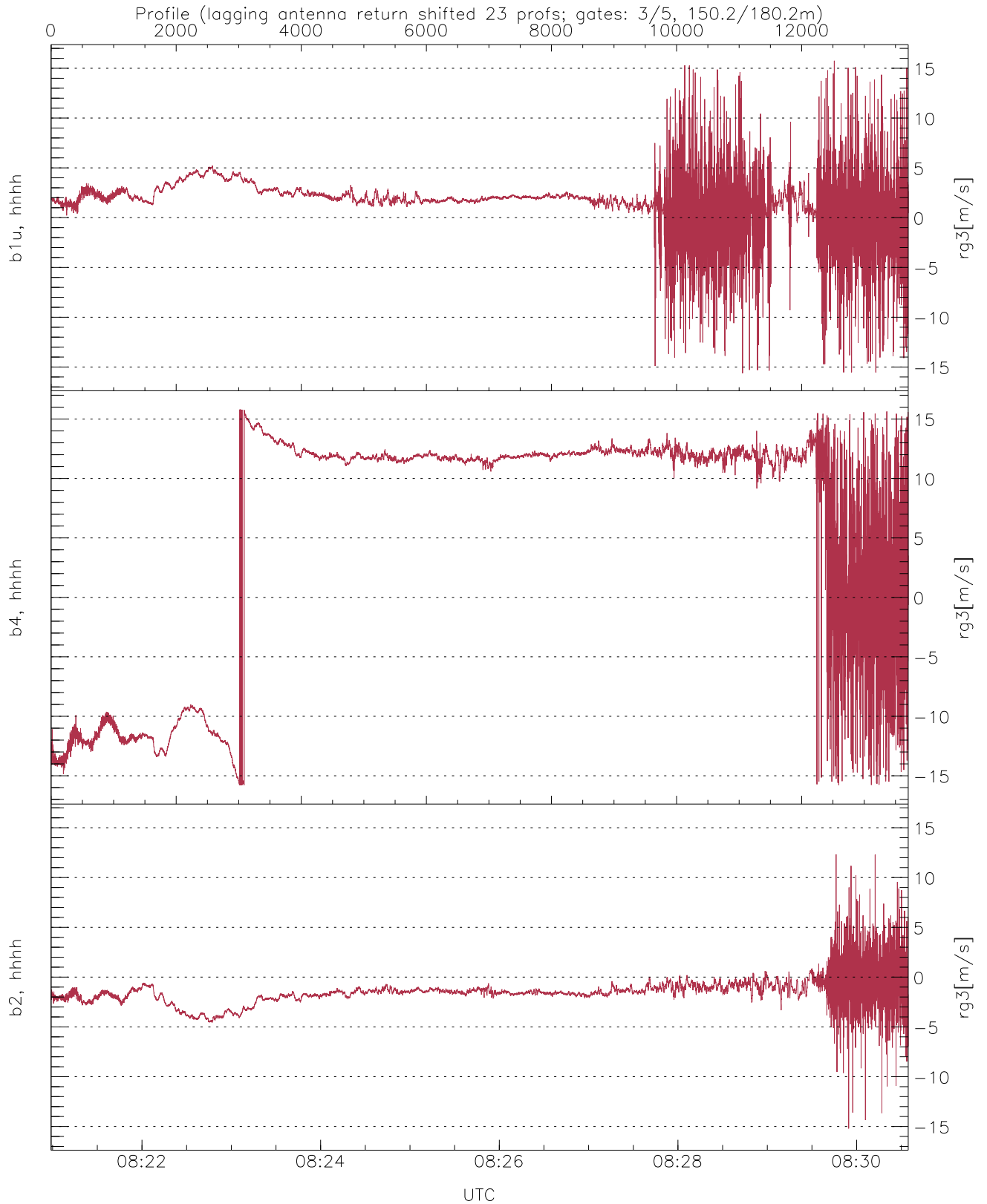
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-65.11	-15.44	-29.46
down-fore(hh[dBm])	-64.24	-17.36	-30.54
down(hh[dBm])	-63.74	-12.09	-25.88



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-36.45	17.47	-5.22
down/down-fore (dB)	-11.06	29.46	5.27



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.62	15.76	1.63	2.50
b4, hhhh(rg3[m/s])	-15.80	15.80	5.59	10.22
b2, hhhh(rg3[m/s])	-15.20	12.32	-1.55	1.28