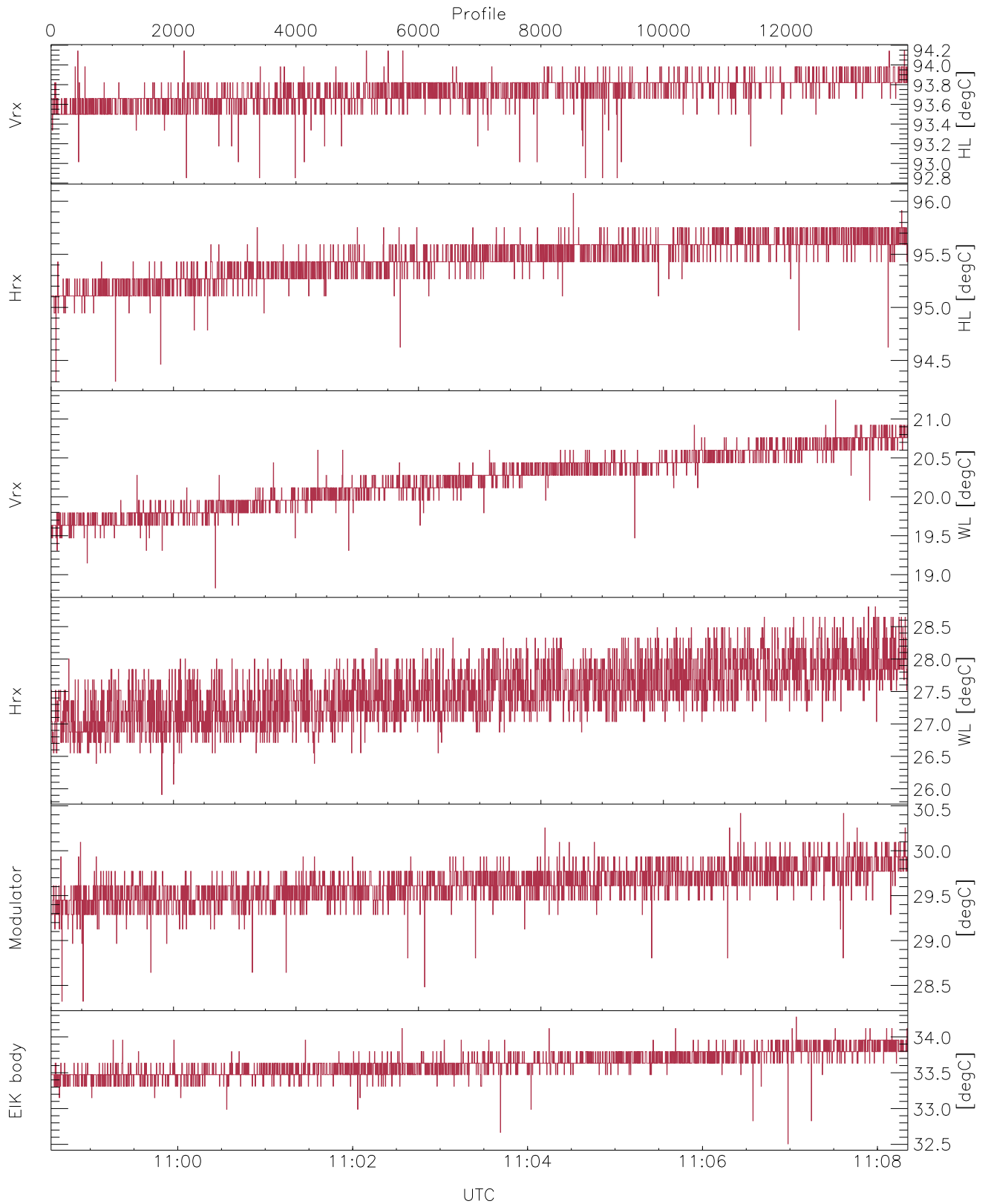


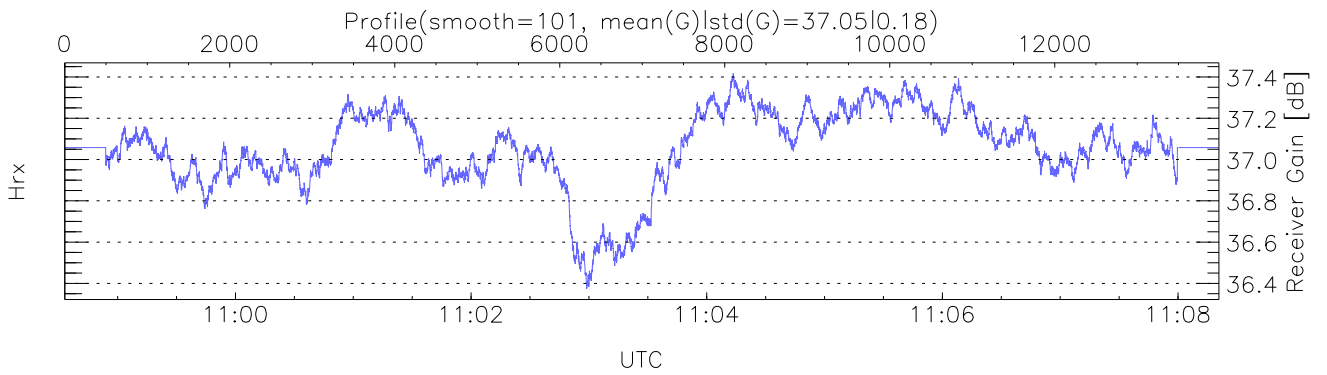
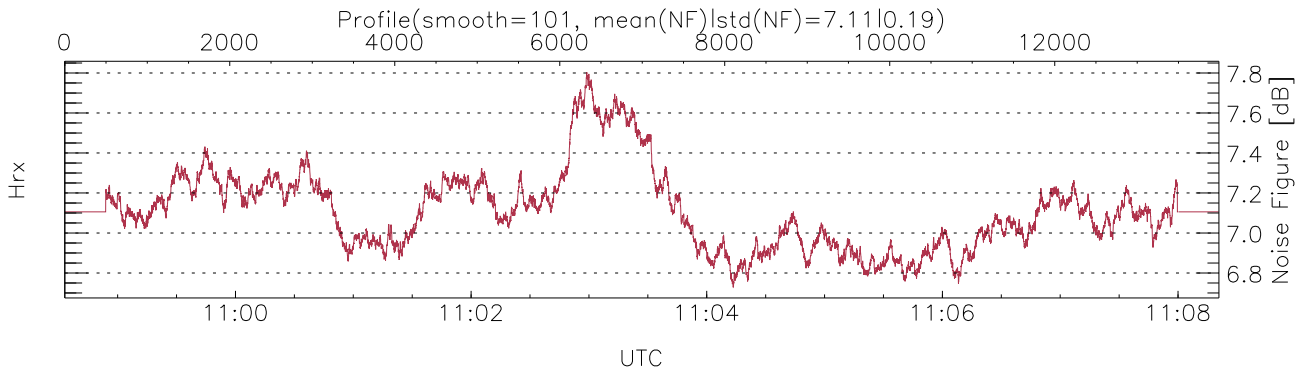
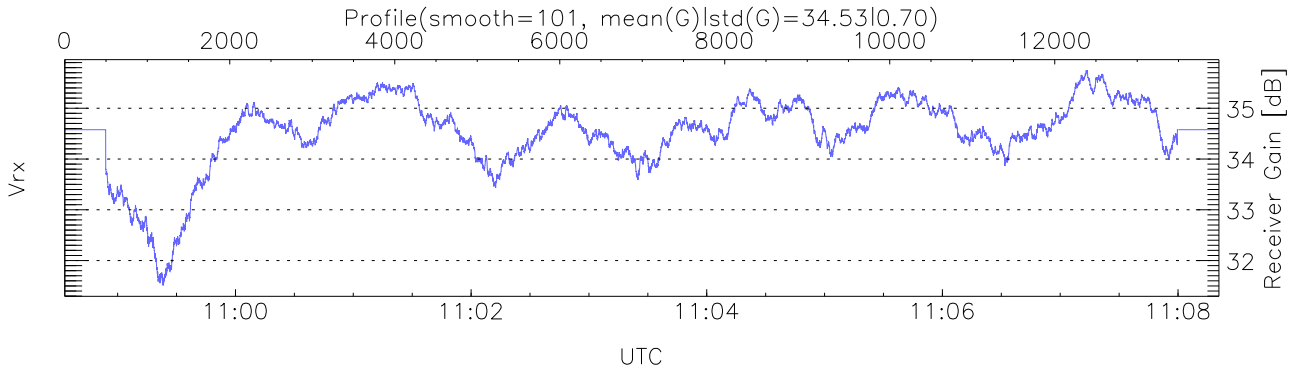
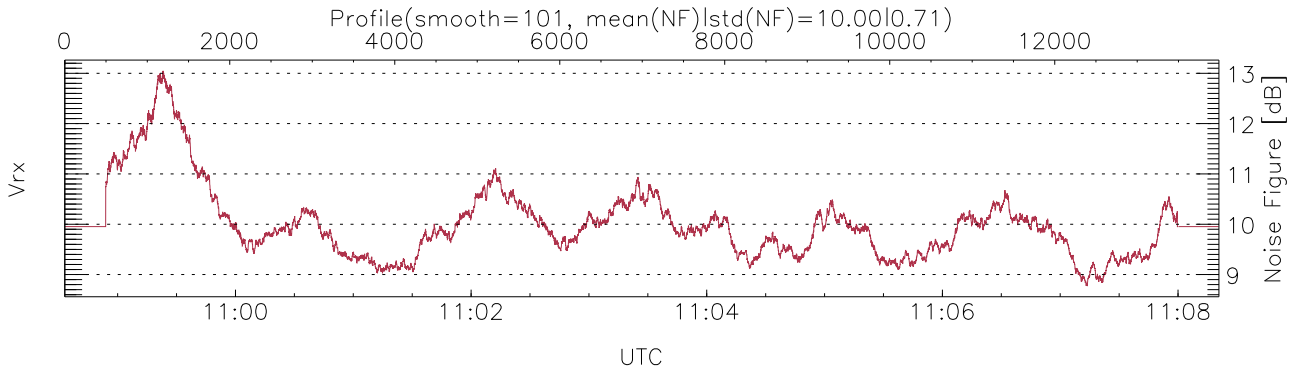
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 10:58:33-11:08:21, Dur: 587.77s
 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): 13992/13992, 0-13991/10:58:33-11:08:21
 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

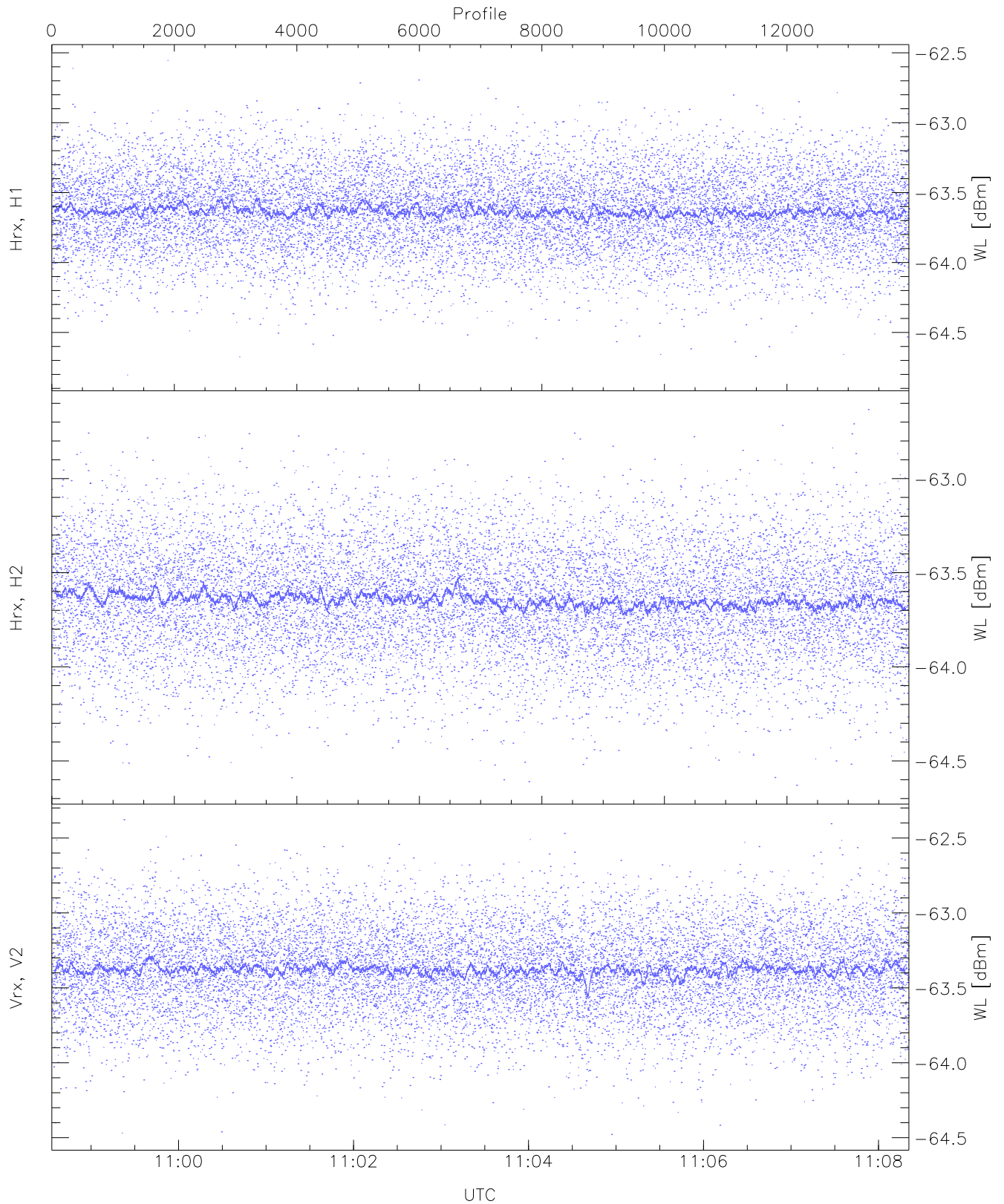


WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,28,32`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,28,30,34`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK/Modulator Faults: None`

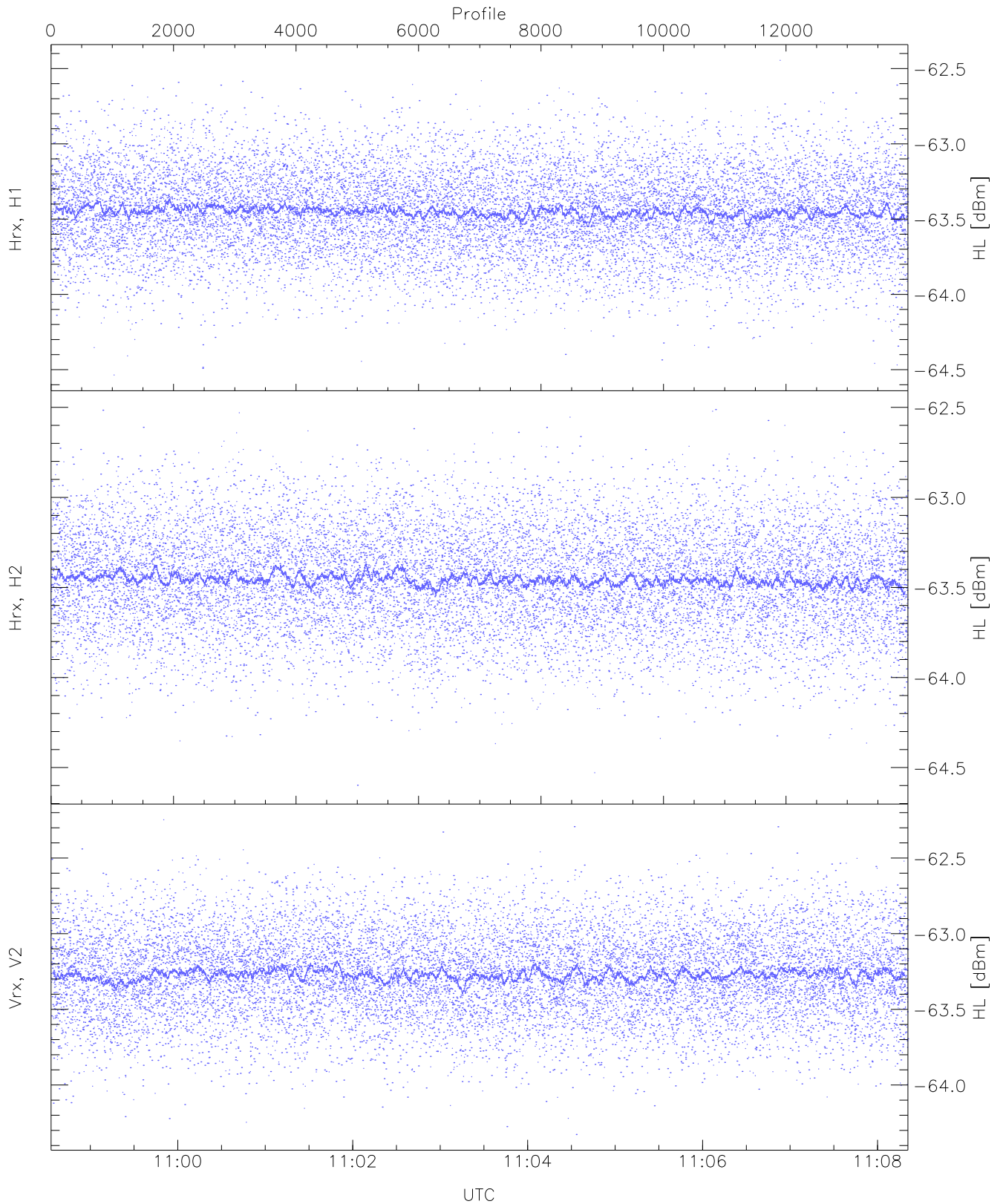


WCR2 CPPReceivers Gain and Noise Figure



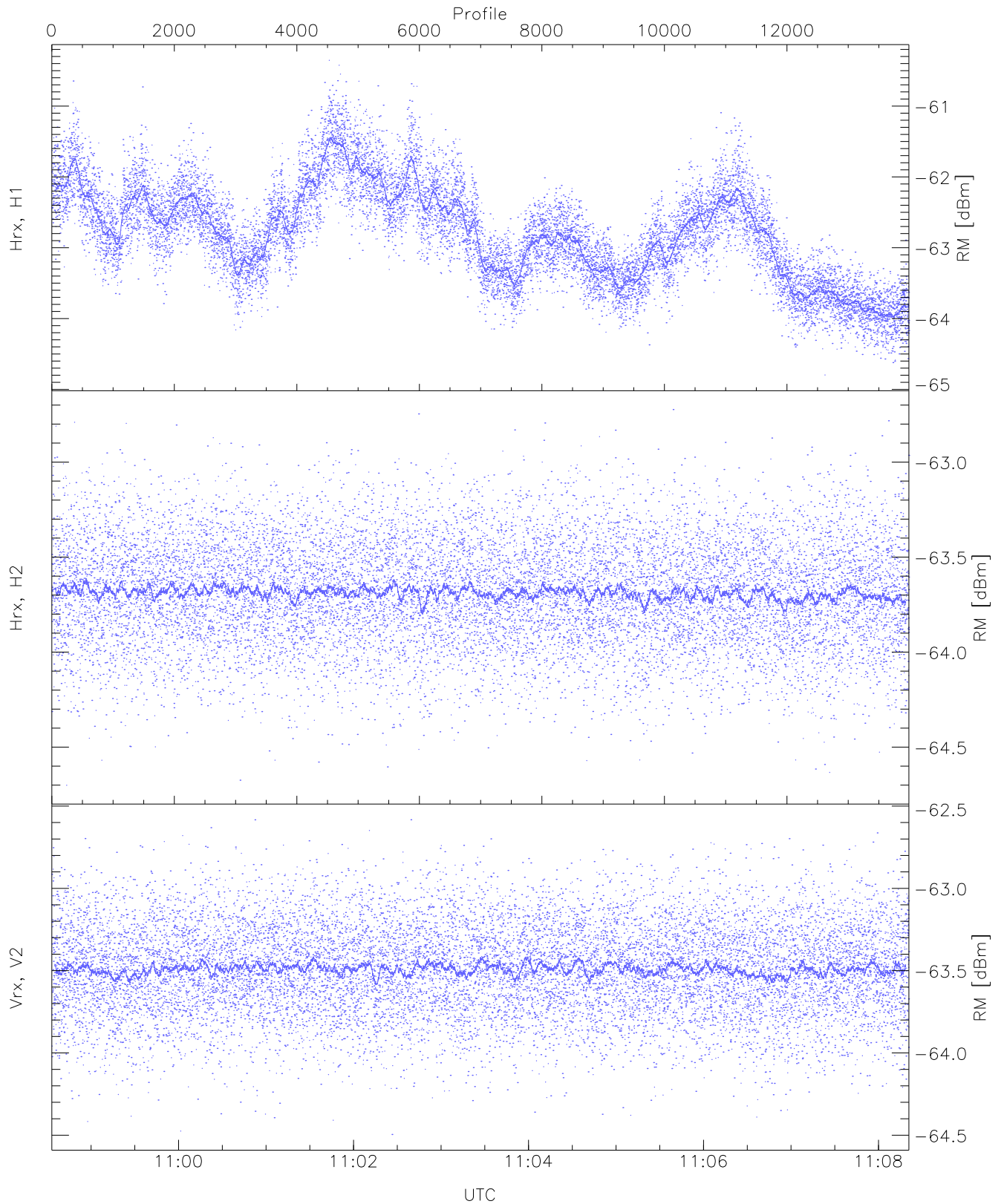
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.80	-62.55	-63.63	-63.63	-75.75
Hrx, H2(WL [dBm])	-64.63	-62.63	-63.64	-63.65	-75.80
Vrx, V2(WL [dBm])	-64.48	-62.38	-63.37	-63.38	-75.47



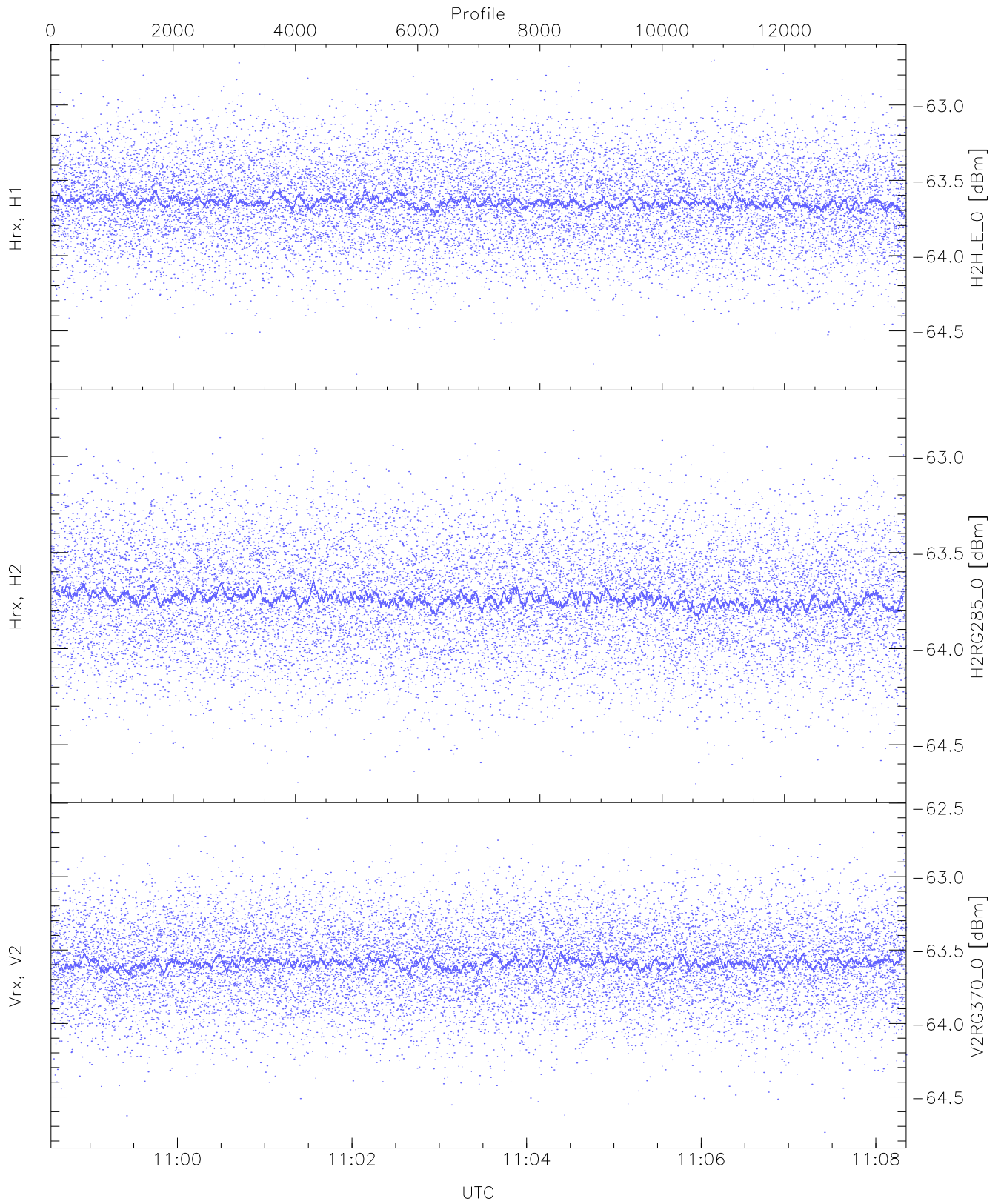
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.54	-62.45	-63.45	-63.45	-75.56
Hrx, H2 (HL [dBm])	-64.60	-62.51	-63.45	-63.46	-75.60
Vrx, V2 (HL [dBm])	-64.33	-62.25	-63.27	-63.27	-75.38



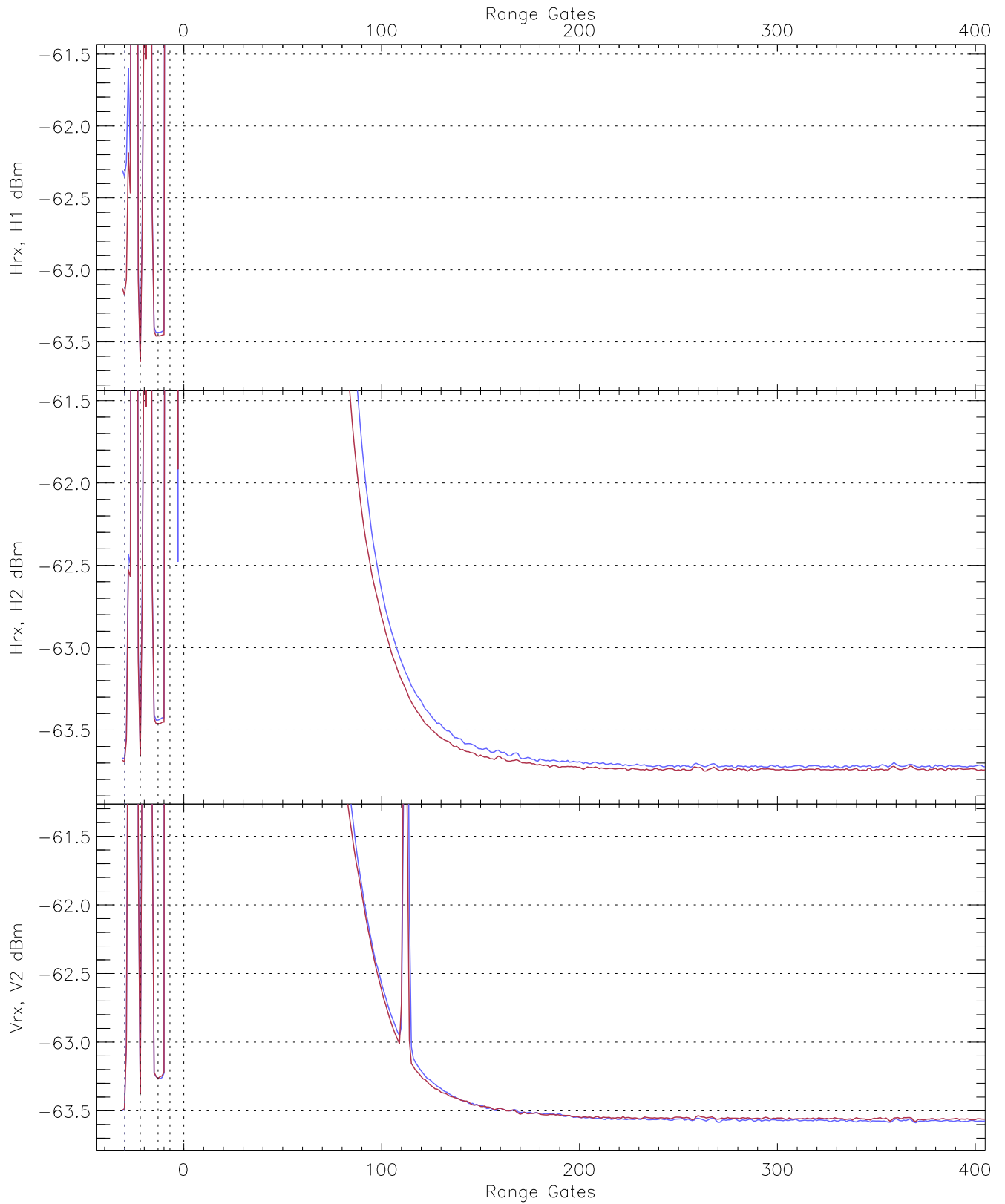
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-64.80	-60.35	-62.74	-62.79	-70.68
Hrx, H2(RM [dBm])	-64.70	-62.72	-63.68	-63.69	-75.83
Vrx, V2(RM [dBm])	-64.50	-62.58	-63.49	-63.49	-75.66

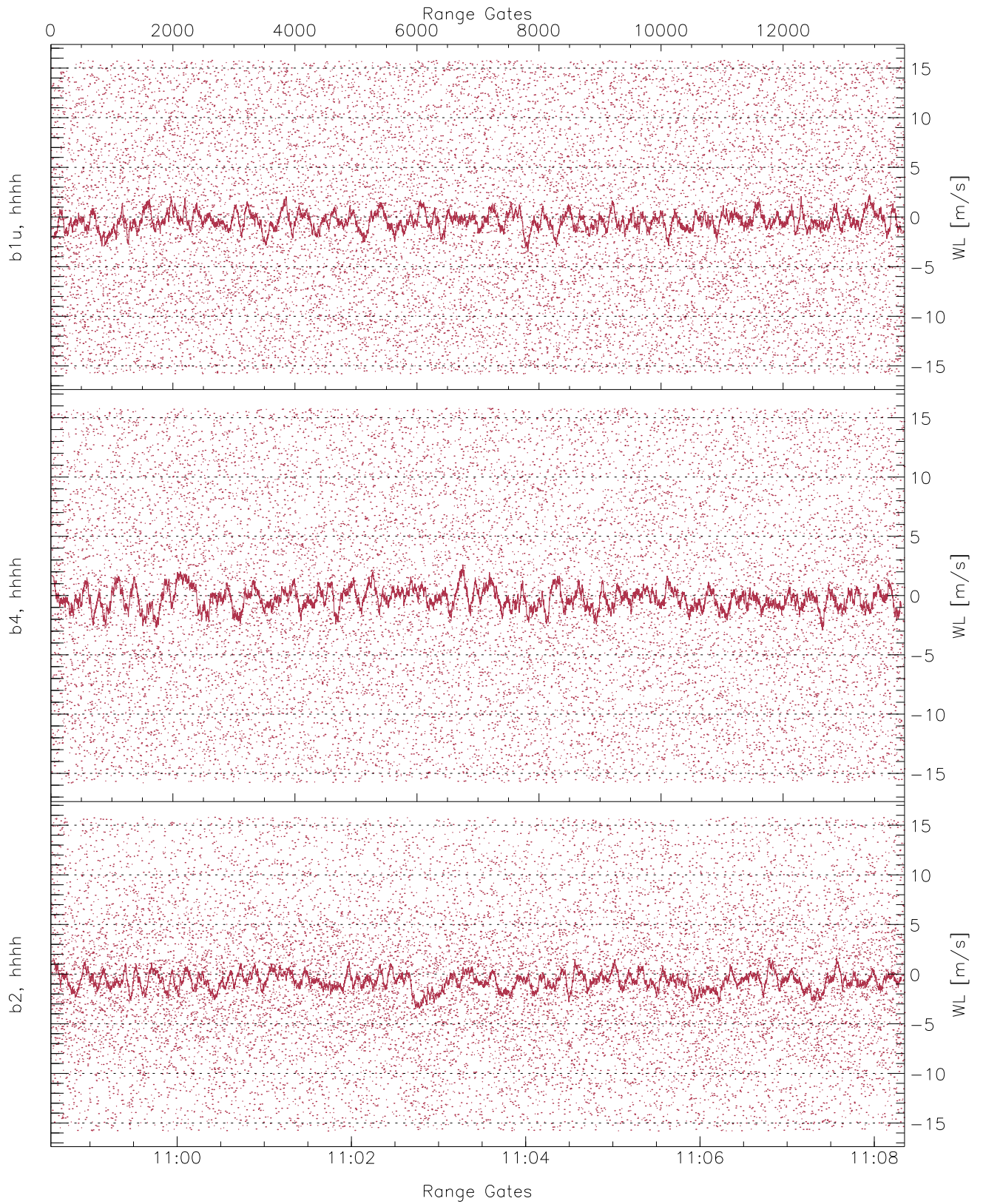


WCR2 CPP "Best" estimate Receivers Noise Power

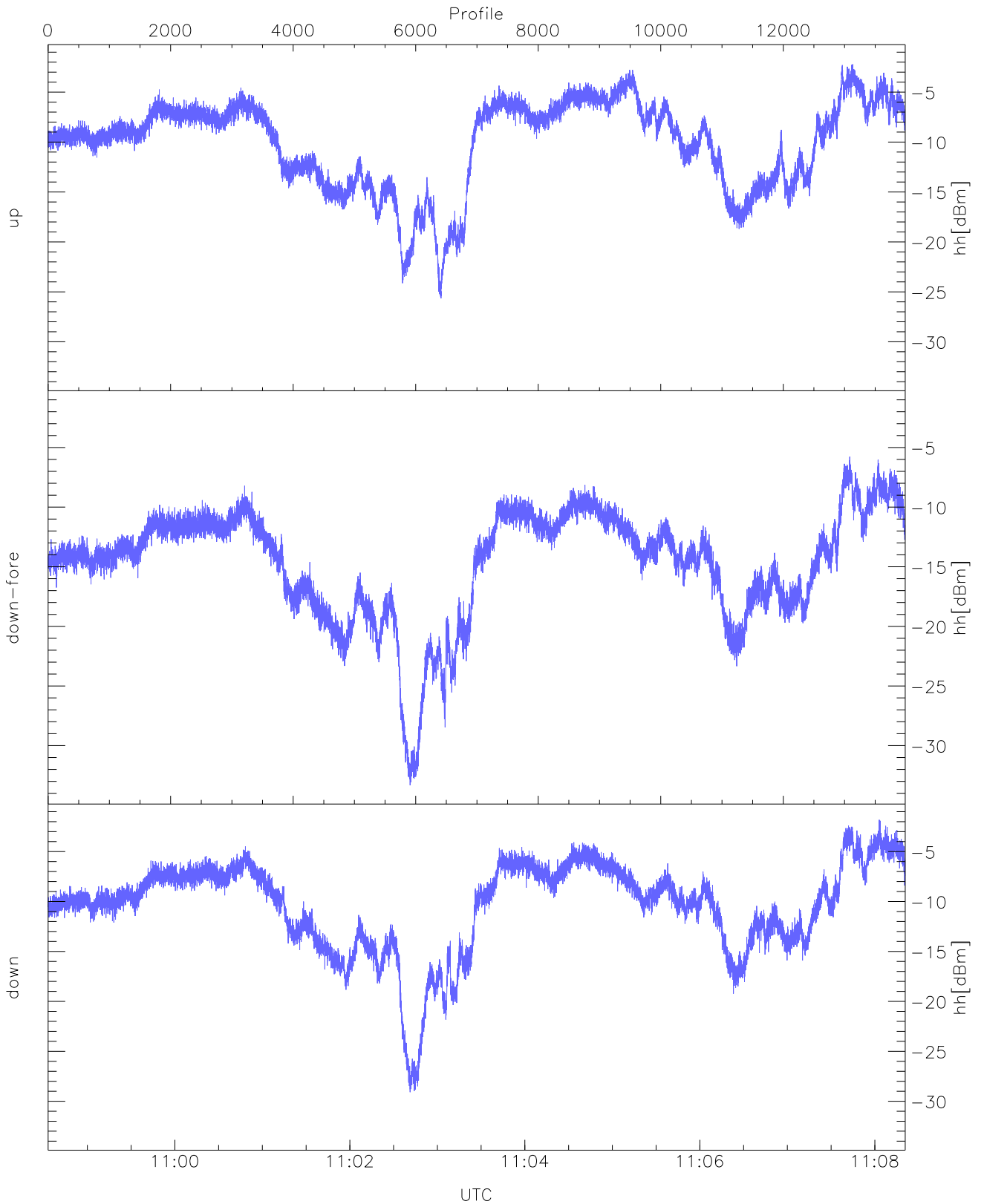
	Min	Max	Mean	Median	StDev
H2HLE_0 [dBm]	-64.79	-62.70	-63.64	-63.65	-75.79
H2RG285_0 [dBm]	-64.70	-62.75	-63.74	-63.74	-75.91
V2RG370_0 [dBm]	-64.74	-62.60	-63.58	-63.59	-75.71



WCR2 CPP Averaged Received power for all recorded gates
blue: 105833-110326, 6997 profiles averaged
red: 110326-110821, 6996 profiles averaged

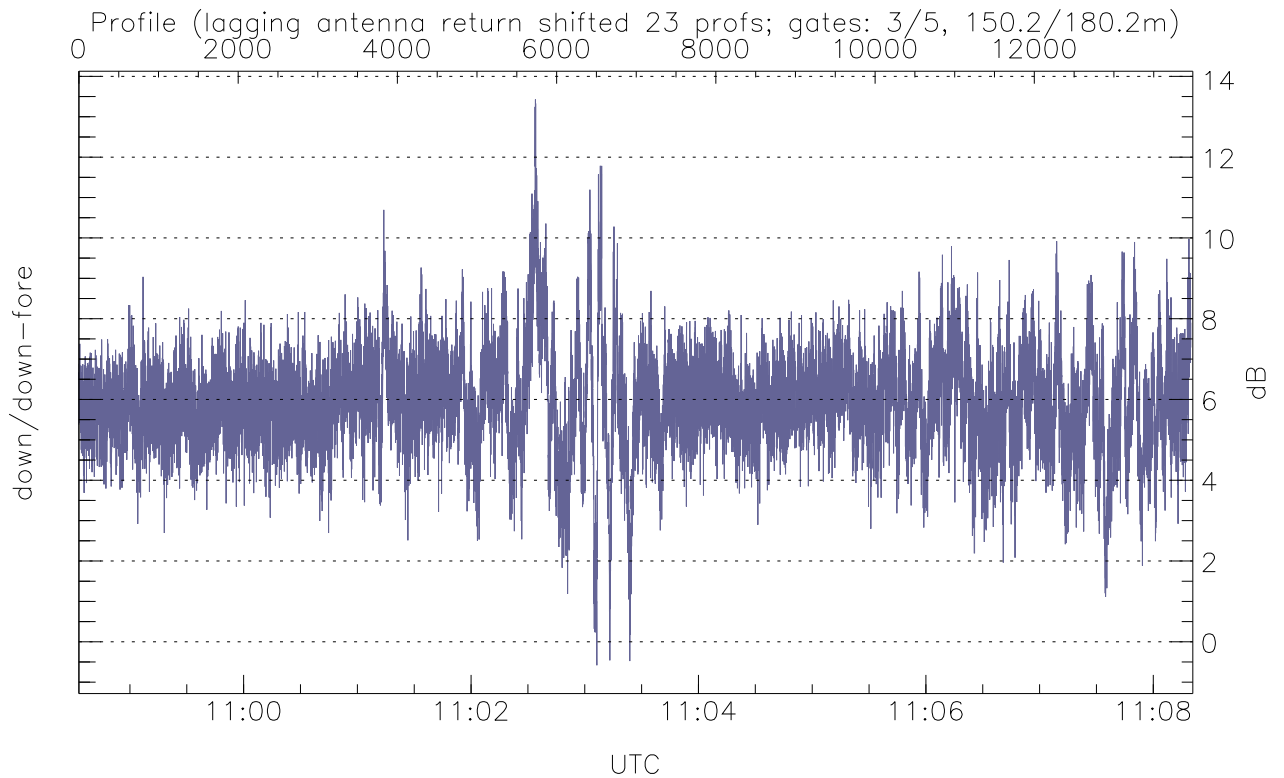
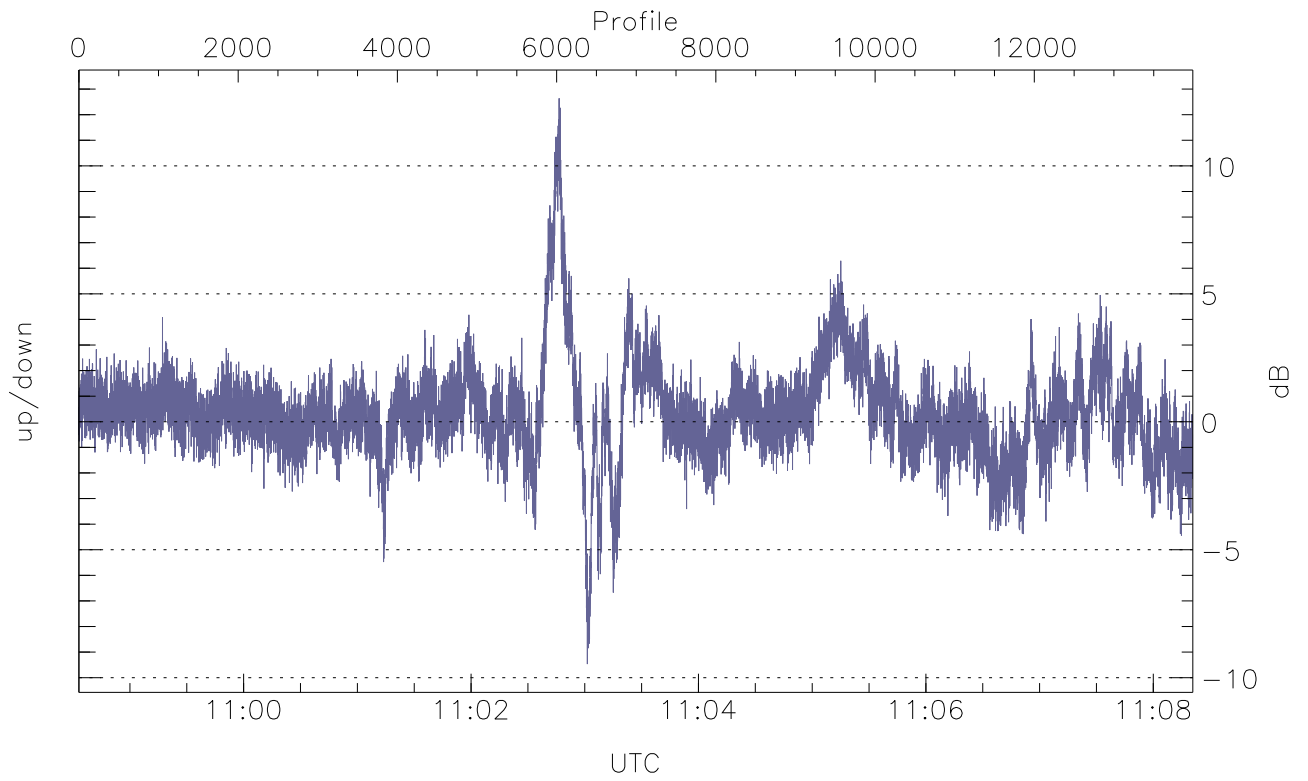


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



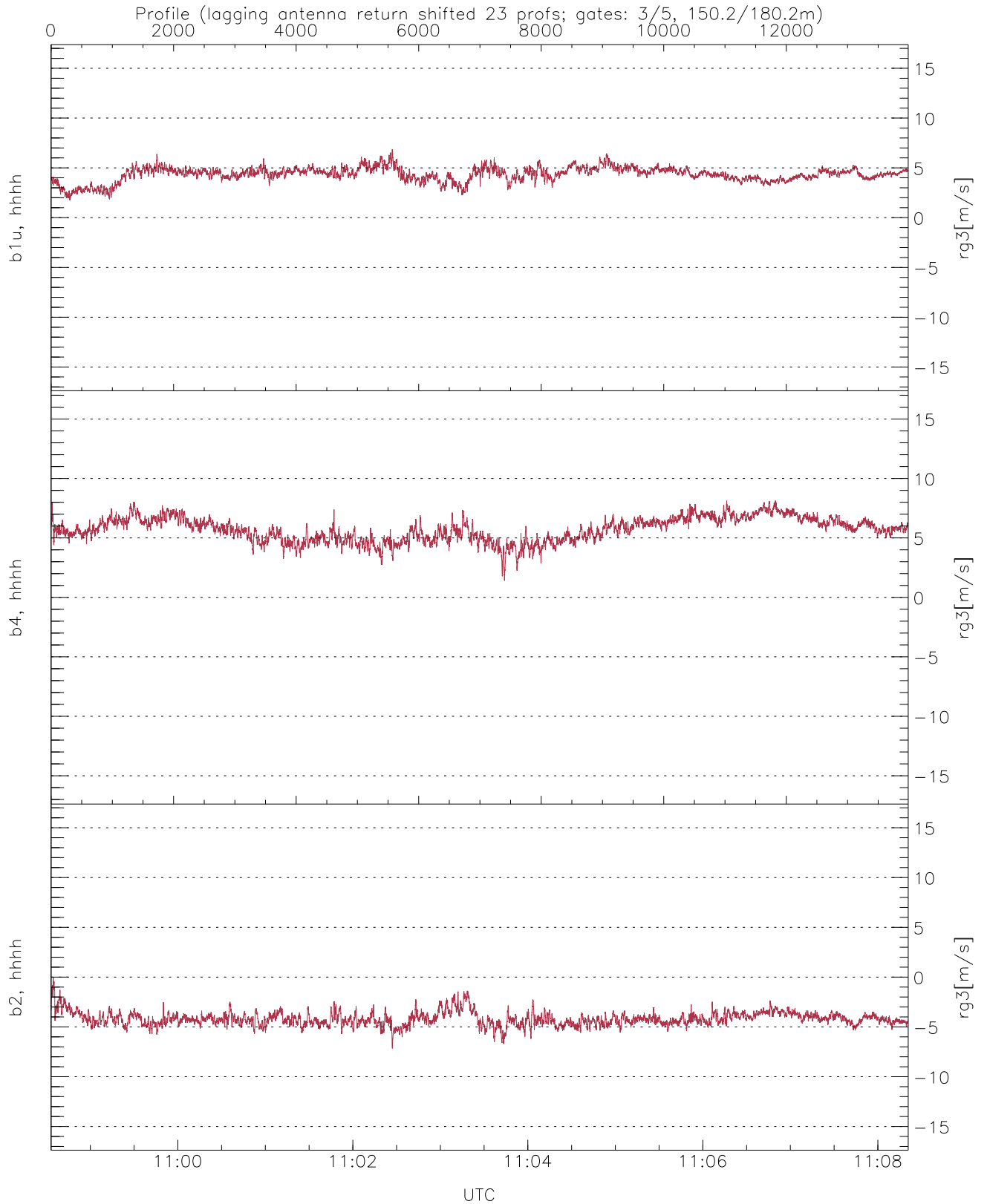
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-25.65	-2.20	-8.42
down-fore(hh[dBm])	-33.33	-5.77	-12.95
down(hh[dBm])	-29.09	-1.81	-8.75



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-9.47	12.64	0.34
down/down-fore (dB)	-0.58	13.43	5.92



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	1.75	6.88	4.34	0.71
b4, hhhh(rg3[m/s])	1.40	8.14	5.71	0.99
b2, hhhh(rg3[m/s])	-7.17	-0.05	-4.18	0.69