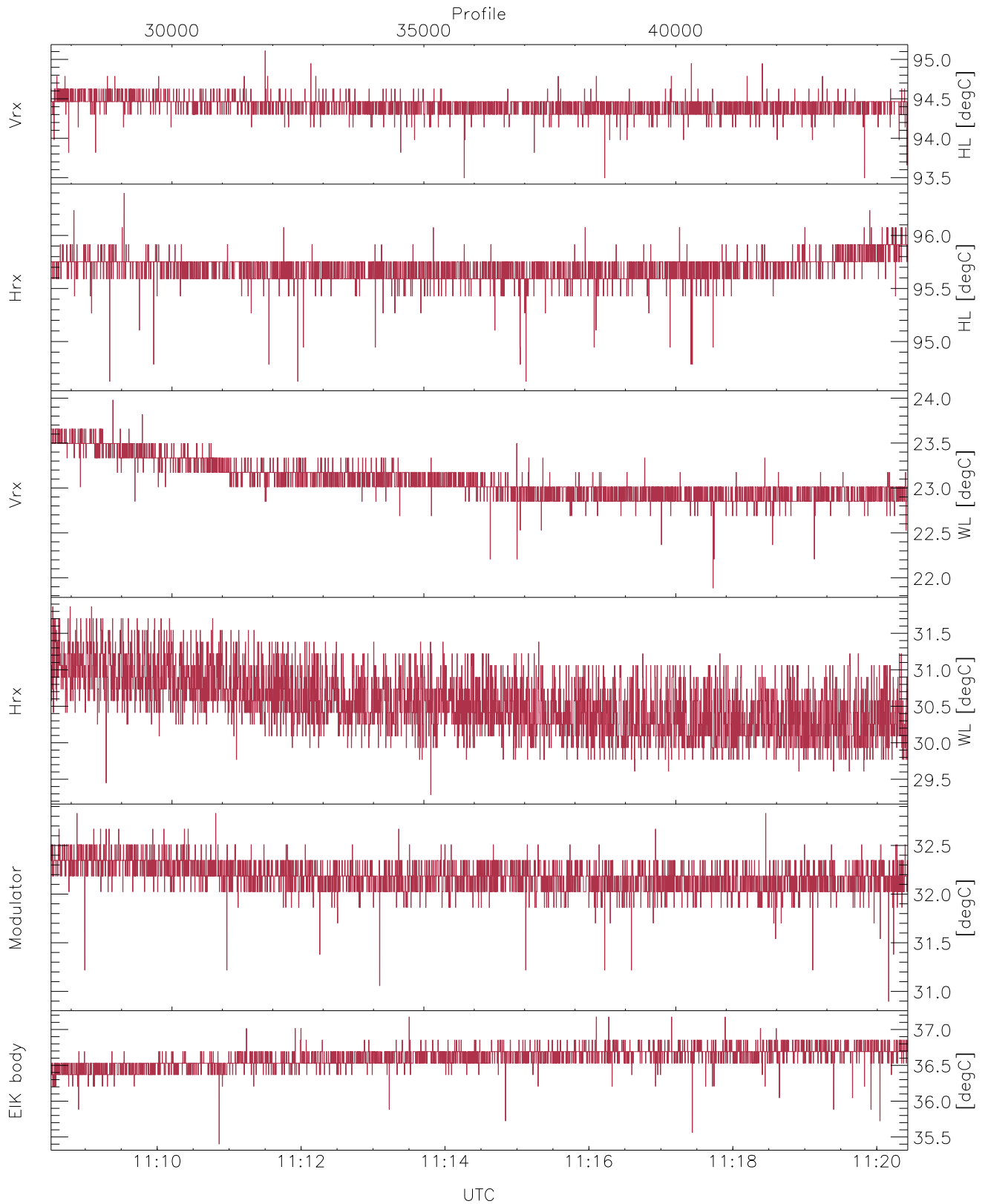


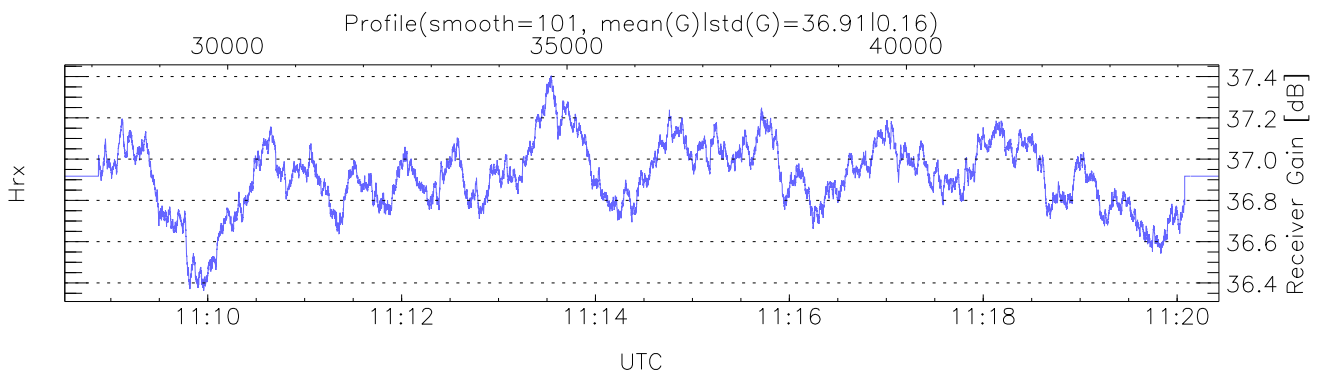
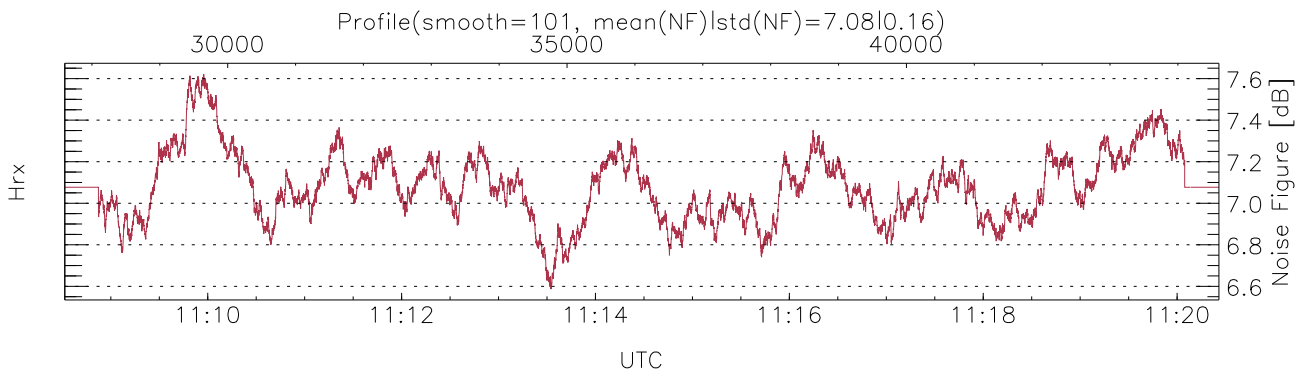
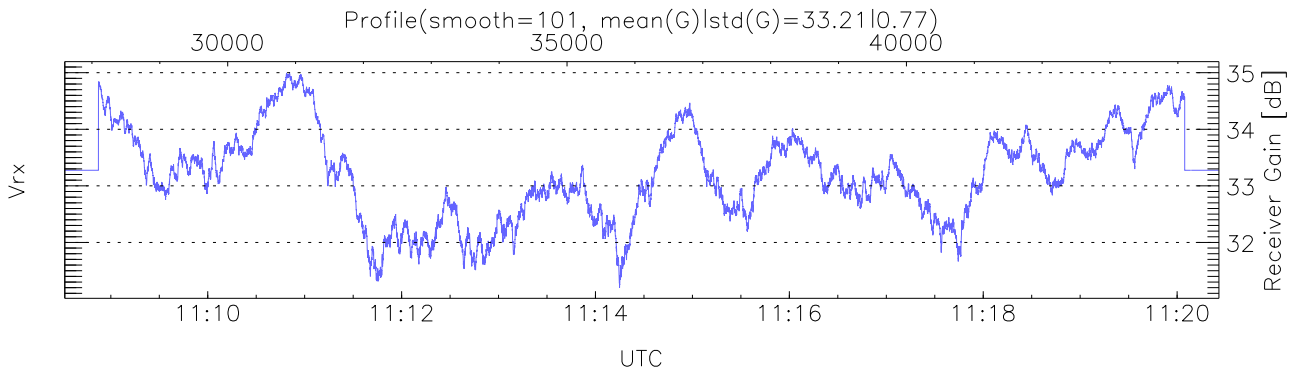
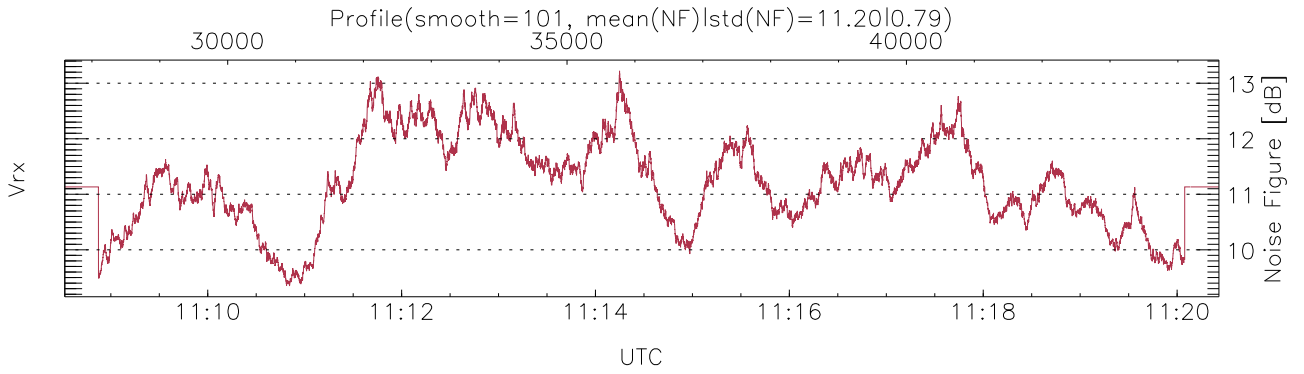
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 10:49:12-11:20:26, Dur: 1873.88s
 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): 17006/44606, 27600-44605/11:08:32-11:20:26
 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

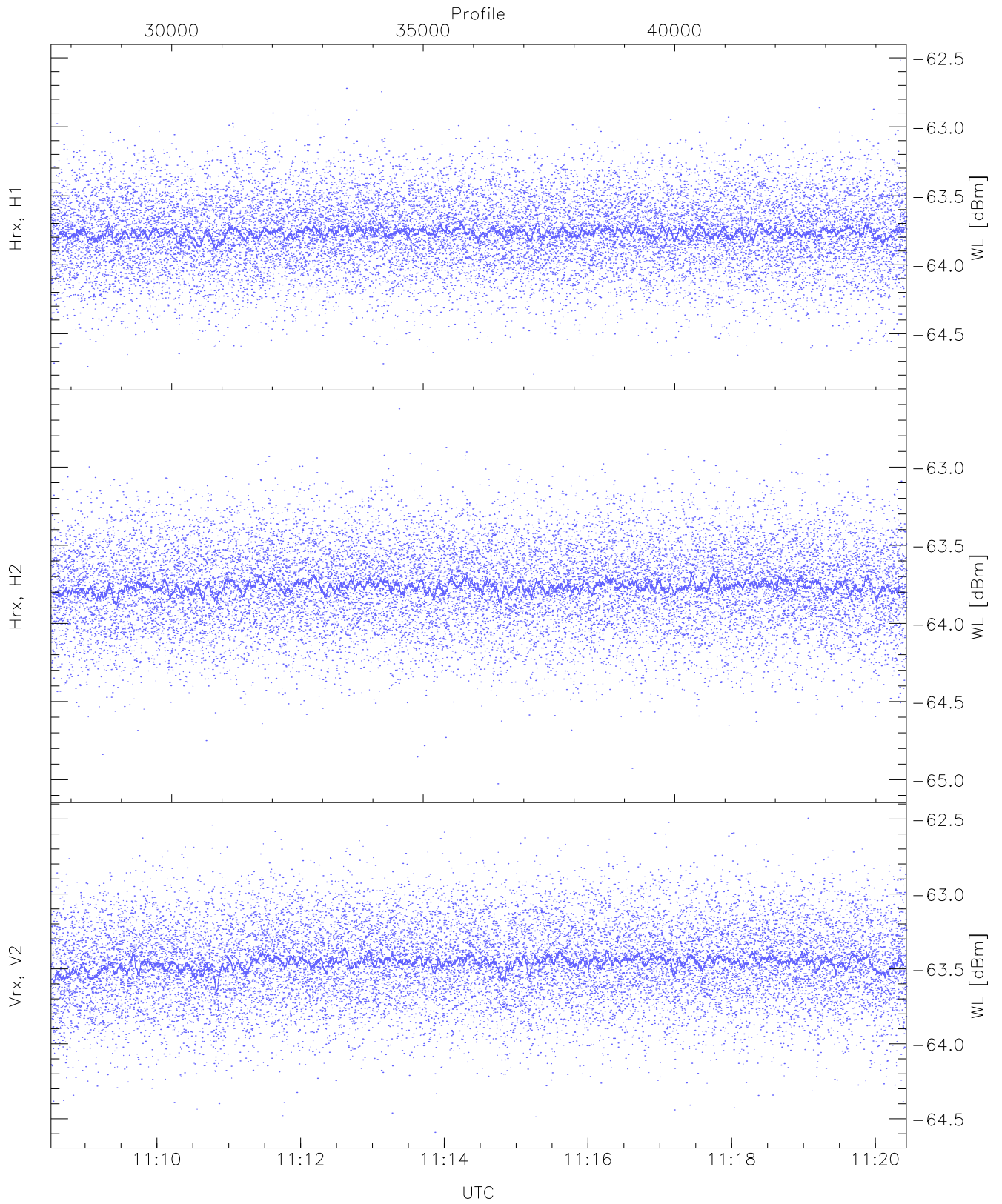


WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,29,30,35`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,96,23,31,32,37`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK/Modulator Faults: None`

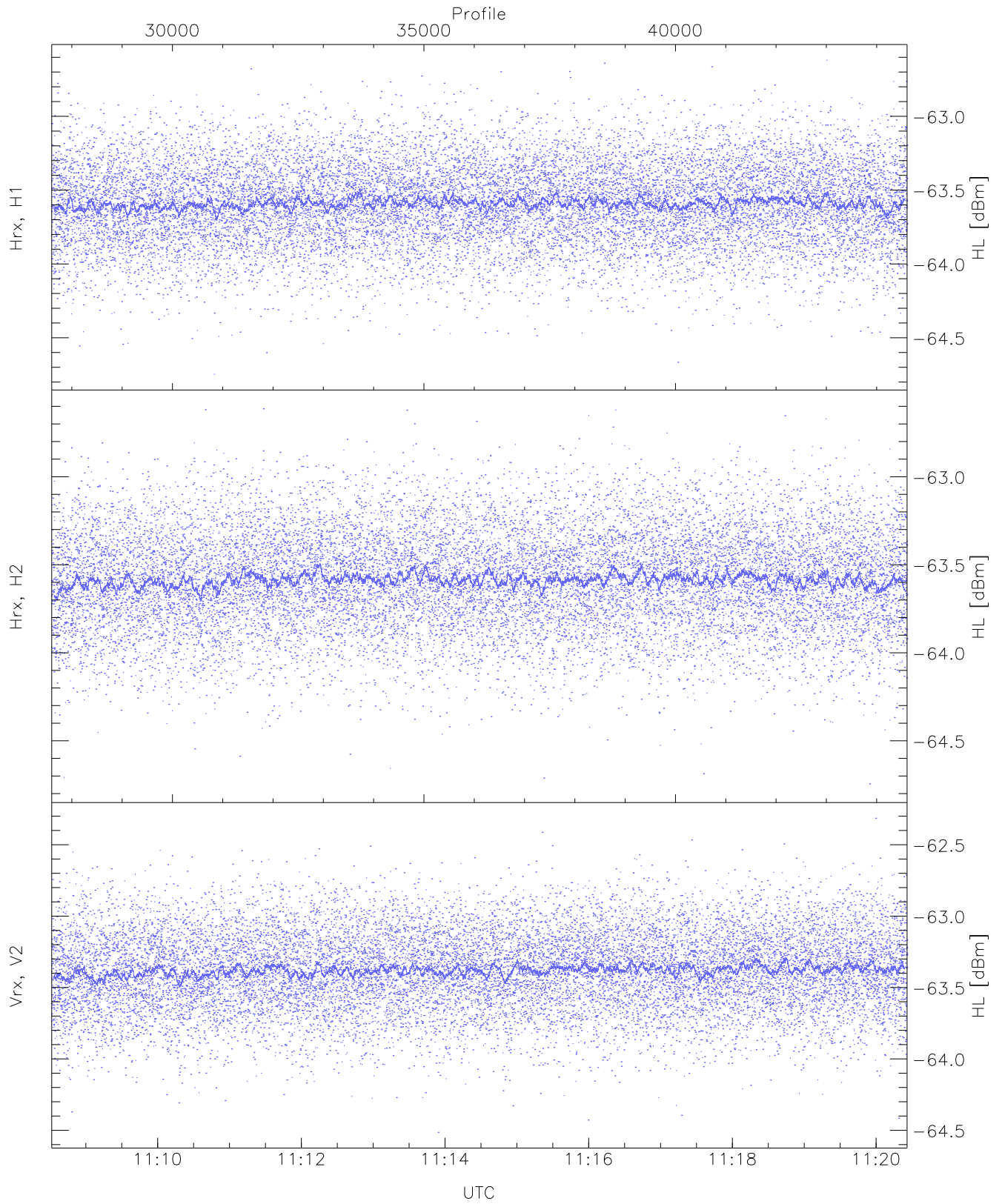


WCR2 CPP Receivers Gain and Noise Figure



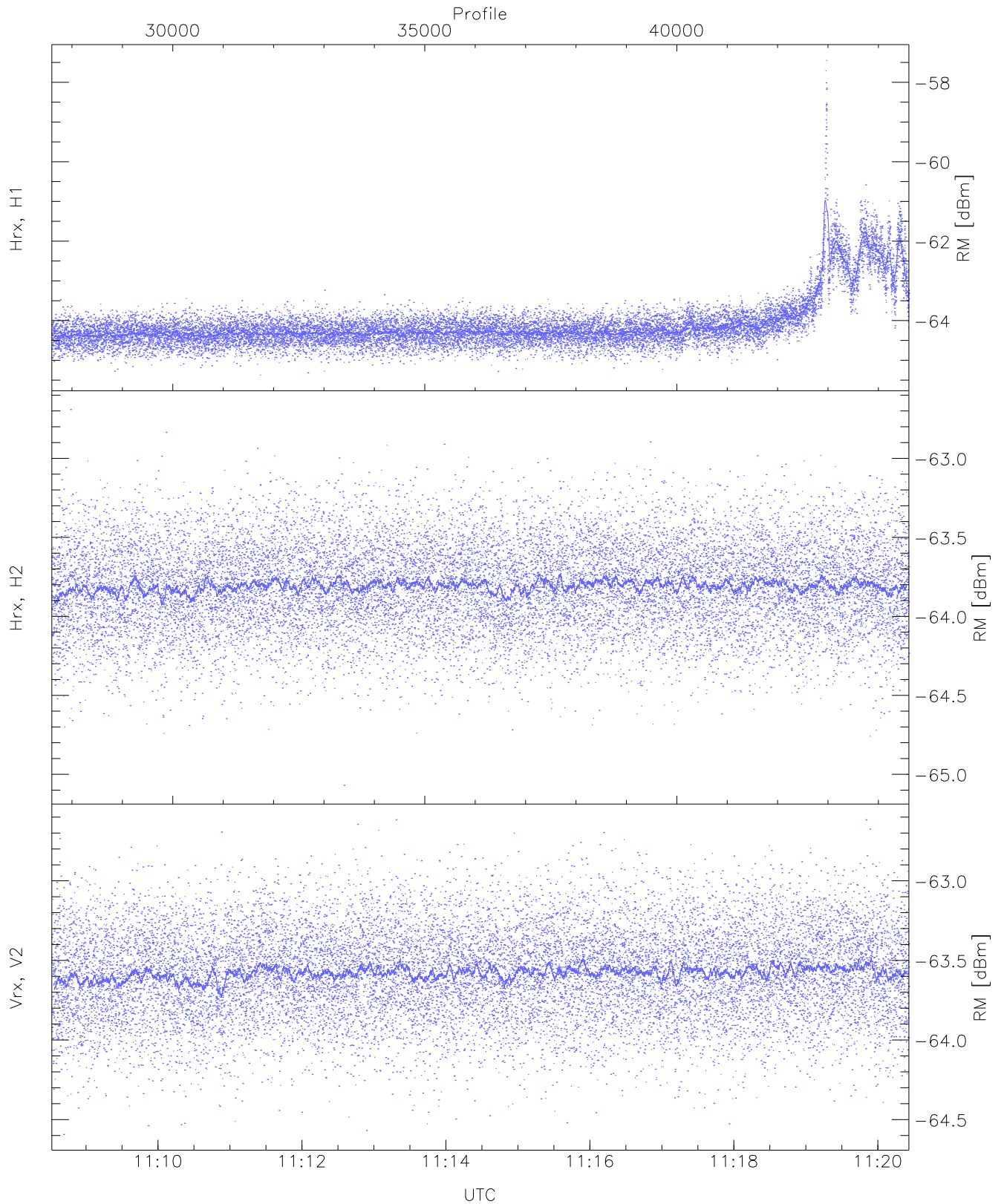
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.79	-62.52	-63.76	-63.77	-75.90
Hrx, H2(WL [dBm])	-65.03	-62.63	-63.76	-63.77	-75.91
Vrx, V2(WL [dBm])	-64.59	-62.50	-63.46	-63.46	-75.61



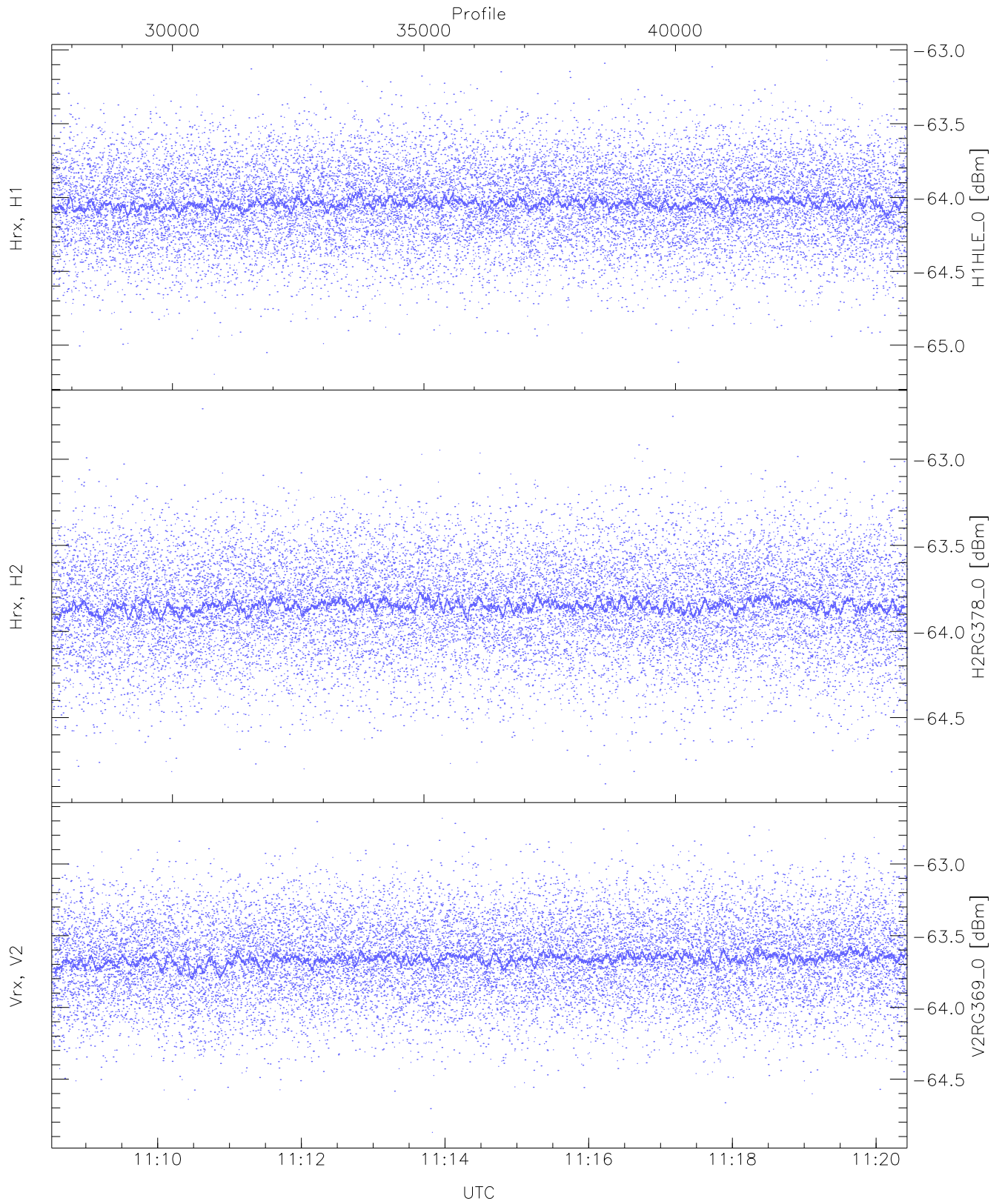
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.75	-62.62	-63.59	-63.59	-75.76
Hrx, H2 (HL [dBm])	-64.74	-62.61	-63.58	-63.59	-75.70
Vrx, V2 (HL [dBm])	-64.51	-62.31	-63.38	-63.38	-75.52



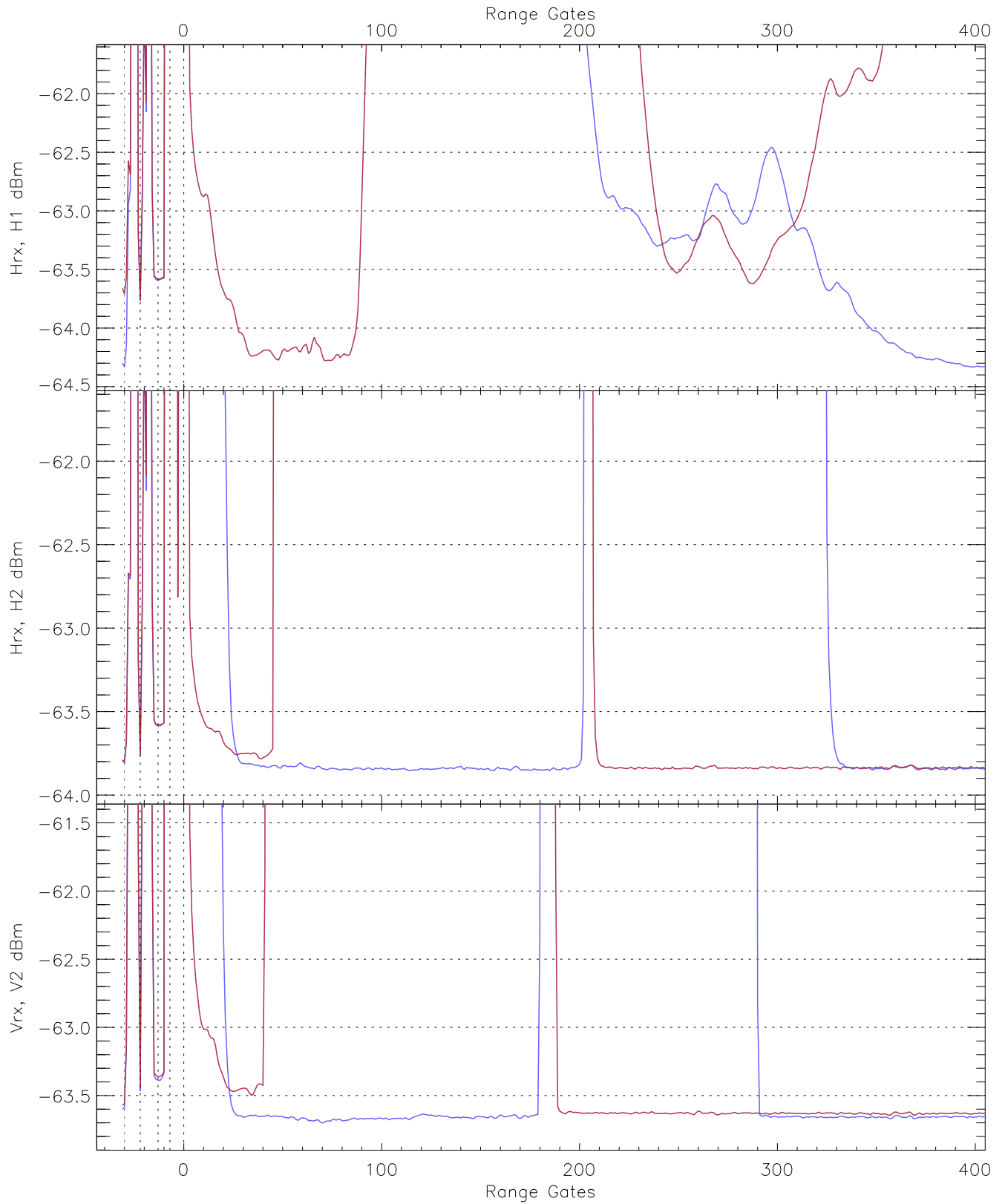
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-65.37	-57.45	-64.01	-64.24	-70.89
Hrx, H2(RM [dBm])	-65.07	-62.69	-63.80	-63.81	-75.92
Vrx, V2(RM [dBm])	-64.59	-62.62	-63.57	-63.58	-75.65

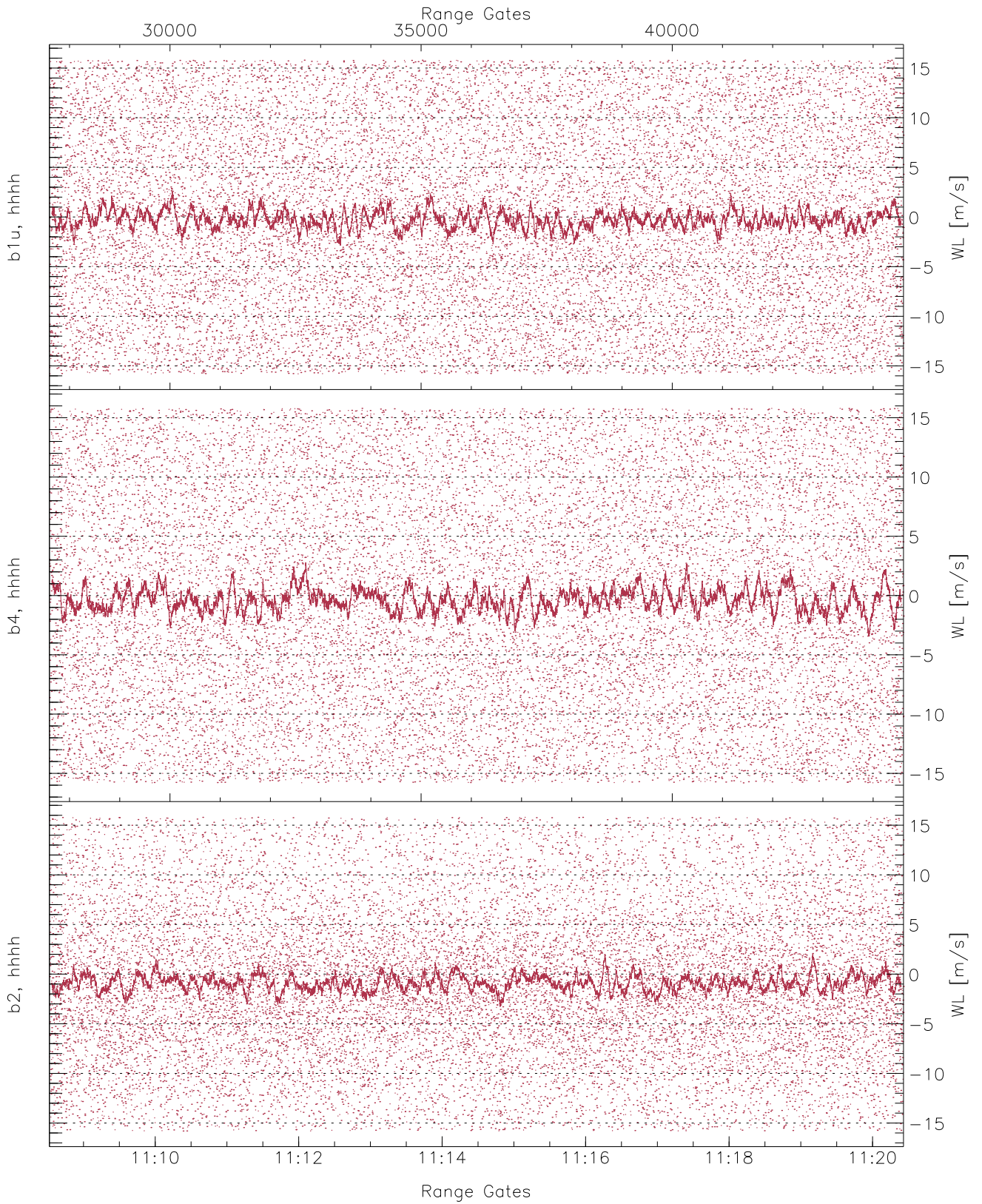


WCR2 CPP "Best" estimate Receivers Noise Power

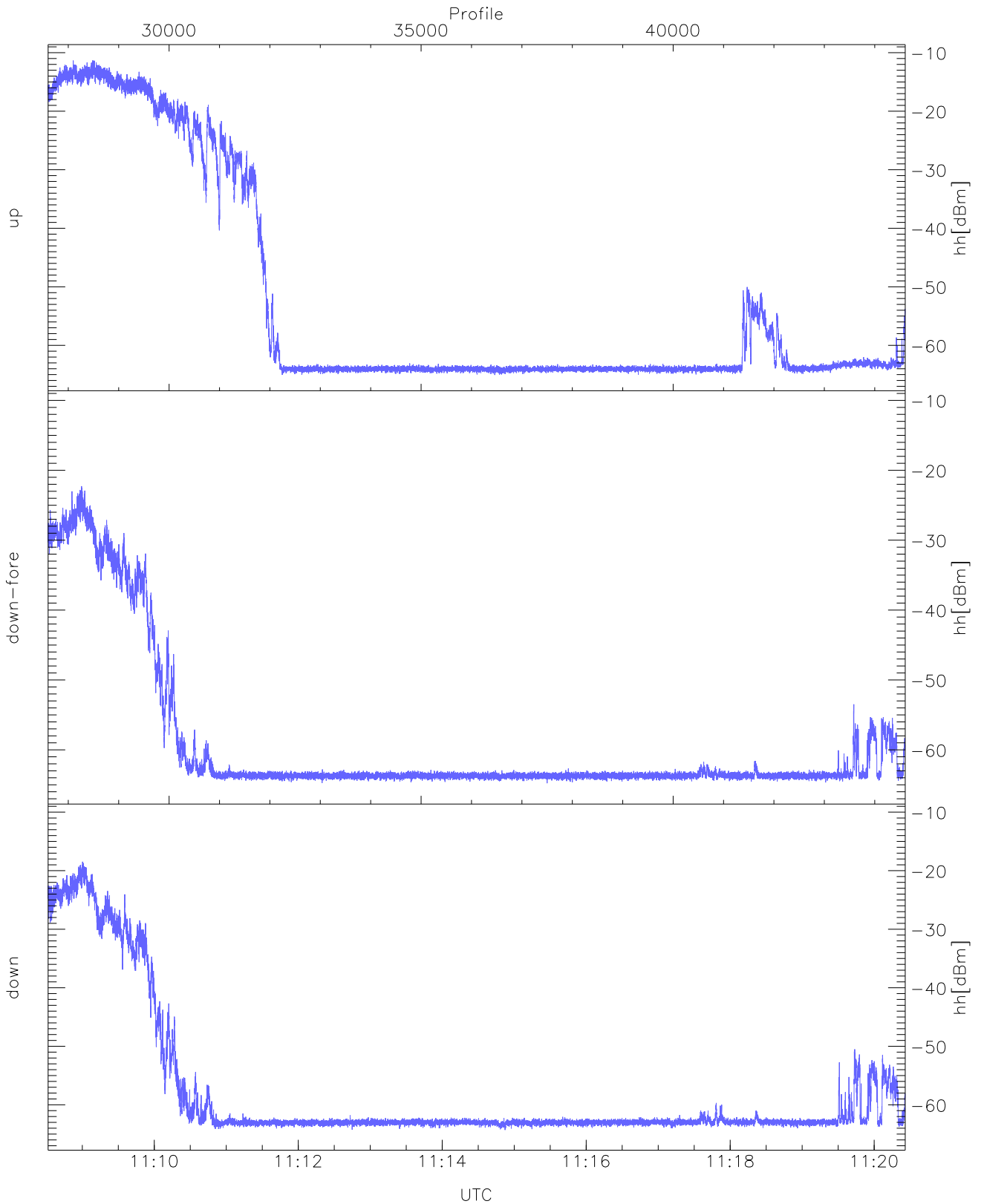
	Min	Max	Mean	Median	StDev
H1HLE_0 [dBm]	-65.20	-63.07	-64.04	-64.04	-76.21
H2RG378_0 [dBm]	-64.88	-62.71	-63.85	-63.85	-75.98
V2RG369_0 [dBm]	-64.87	-62.68	-63.66	-63.66	-75.73



WCR2 CPP Averaged Received power for all recorded gates
blue: 110832-111428, 8504 profiles averaged
red: 111428-112026, 8503 profiles averaged

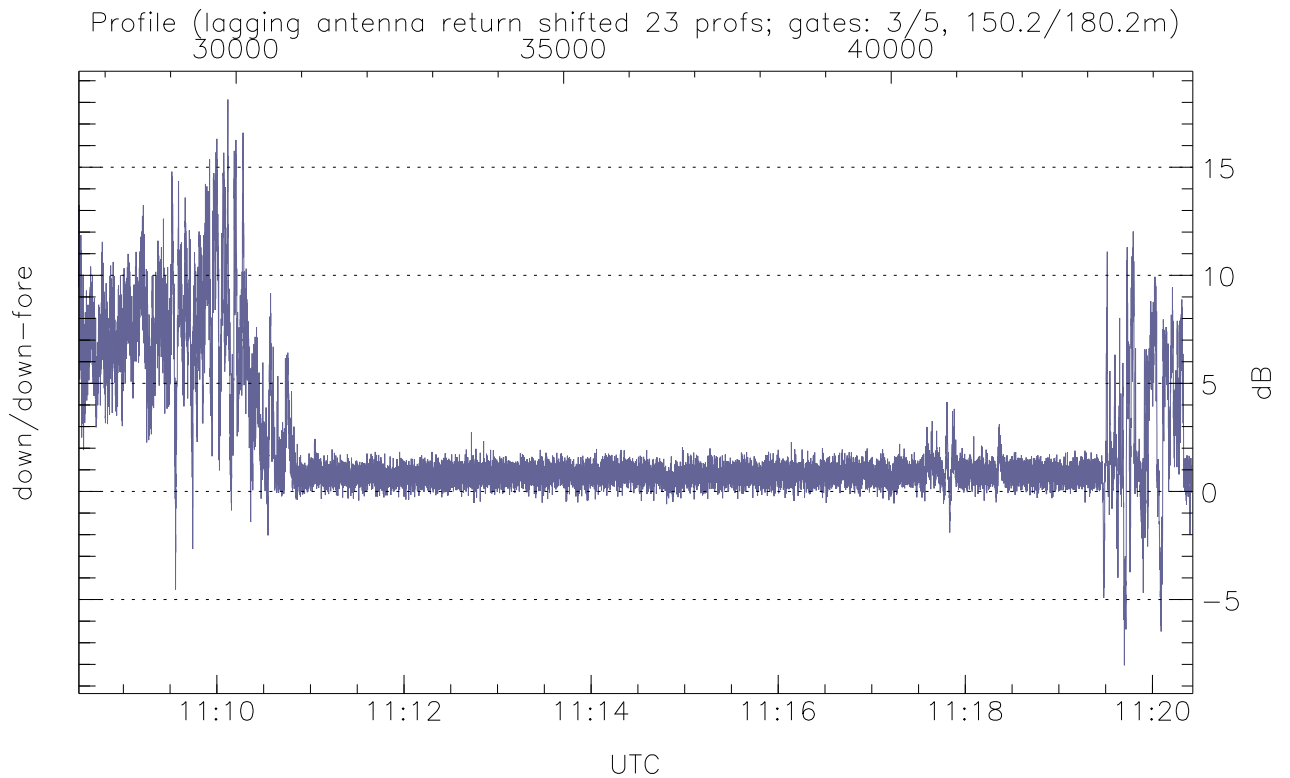
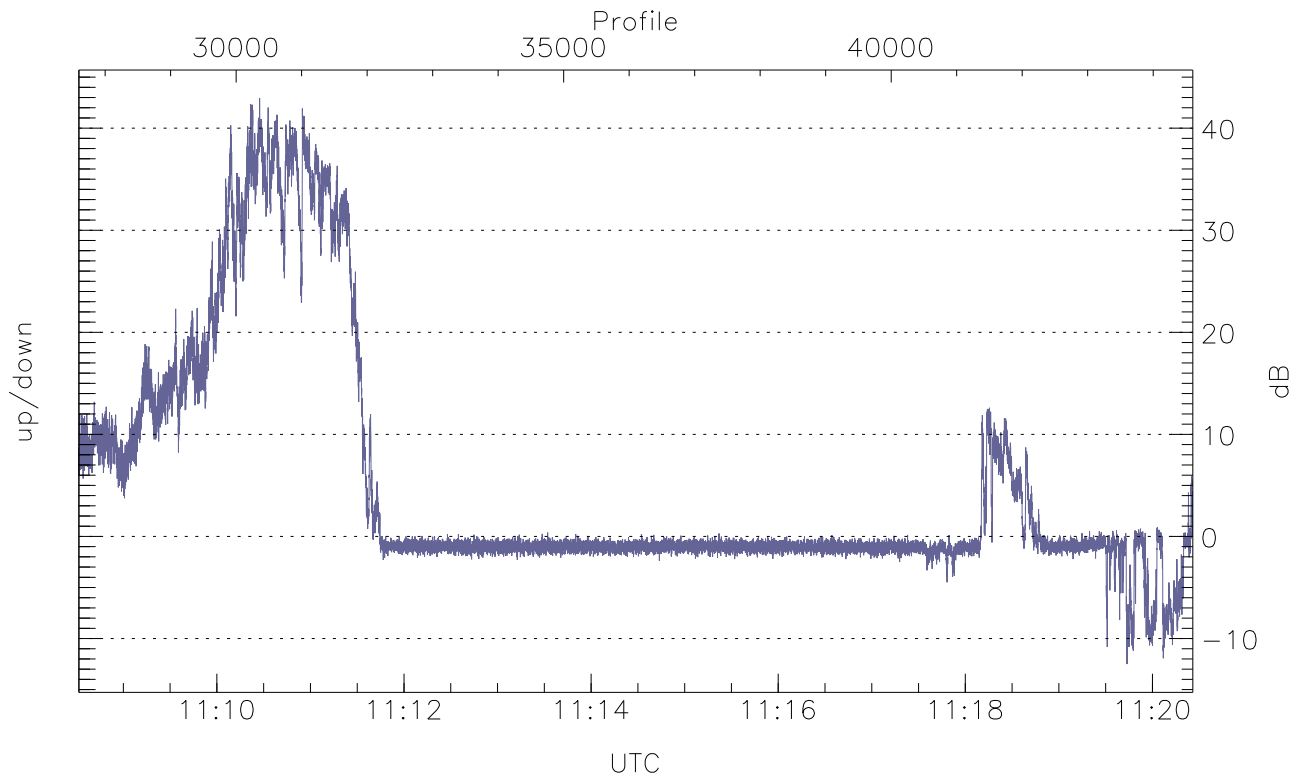


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

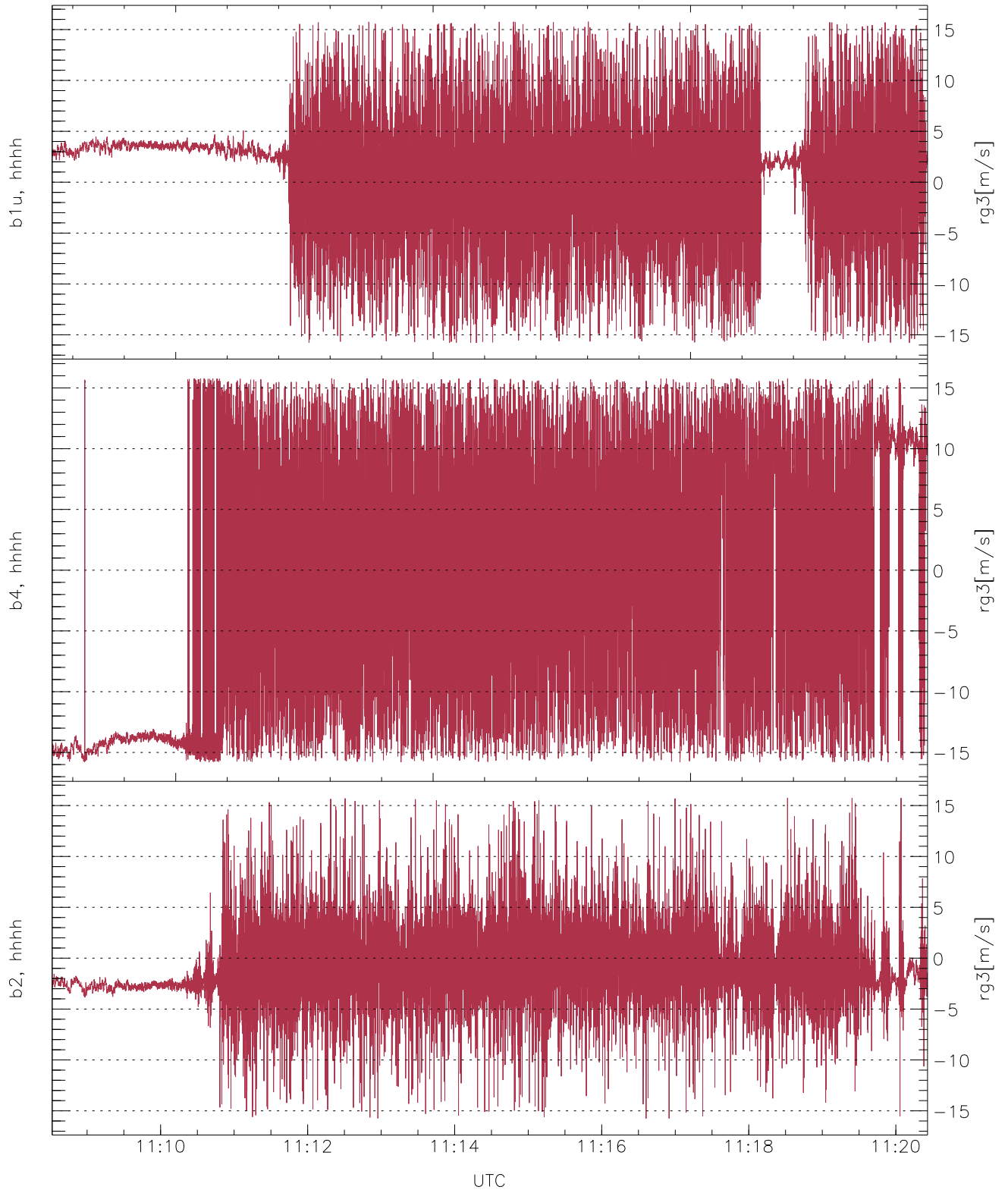
	Min	Max	Mean
up(hh[dBm])	-65.07	-11.30	-23.06
down-fore(hh[dBm])	-64.78	-22.26	-38.61
down(hh[dBm])	-64.31	-18.46	-34.35



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-12.50	42.93	5.27
down/down-fore (dB)	-8.04	18.13	2.08

Profile (lagging antenna return shifted 23 profs; gates: 3/5, 150.2/180.2m)
 30000 35000 40000



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.77	0.74	5.05
b4, hhhh(rg3[m/s])	-15.80	15.79	-1.77	9.69
b2, hhhh(rg3[m/s])	-15.76	15.76	-0.99	3.44