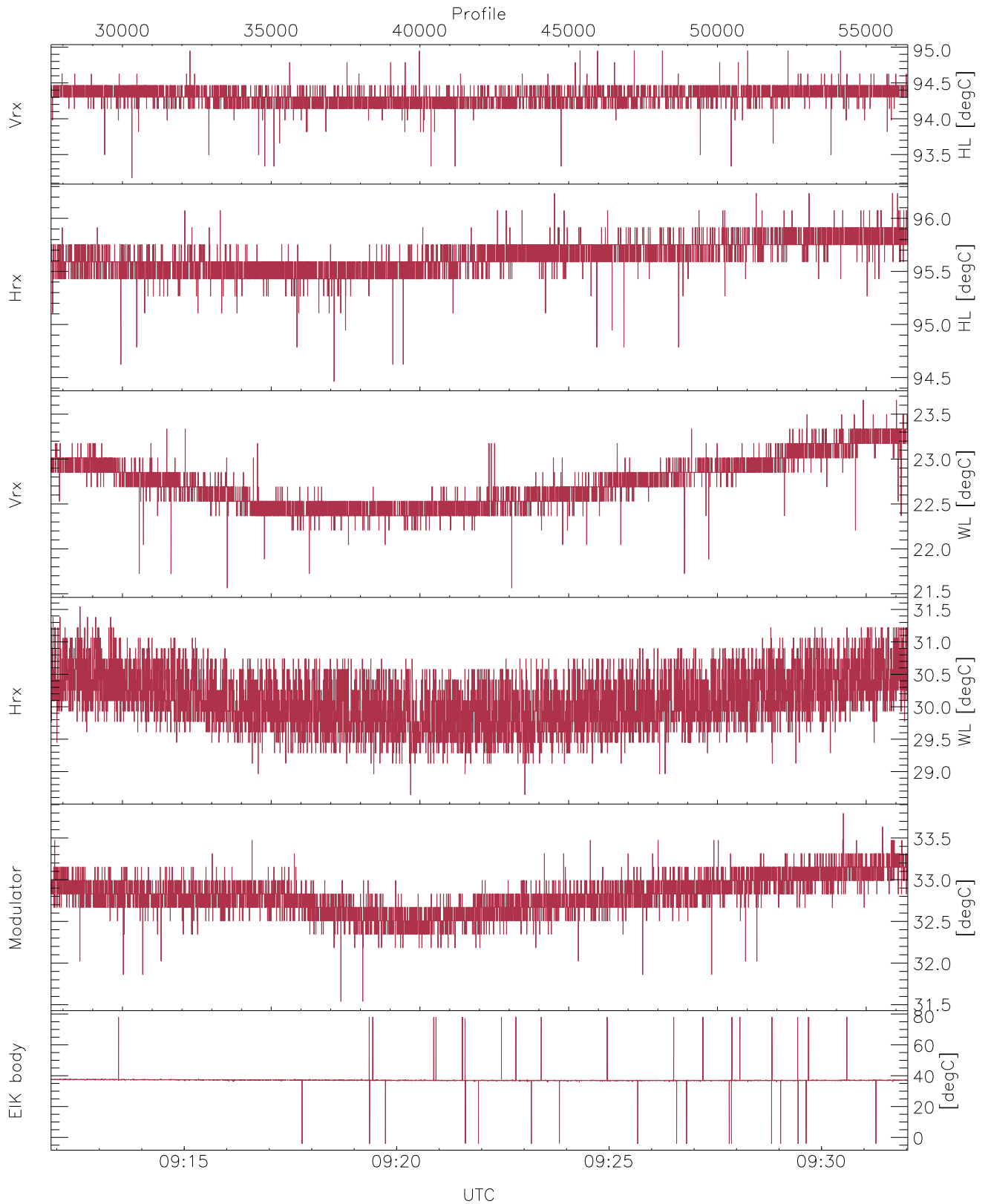




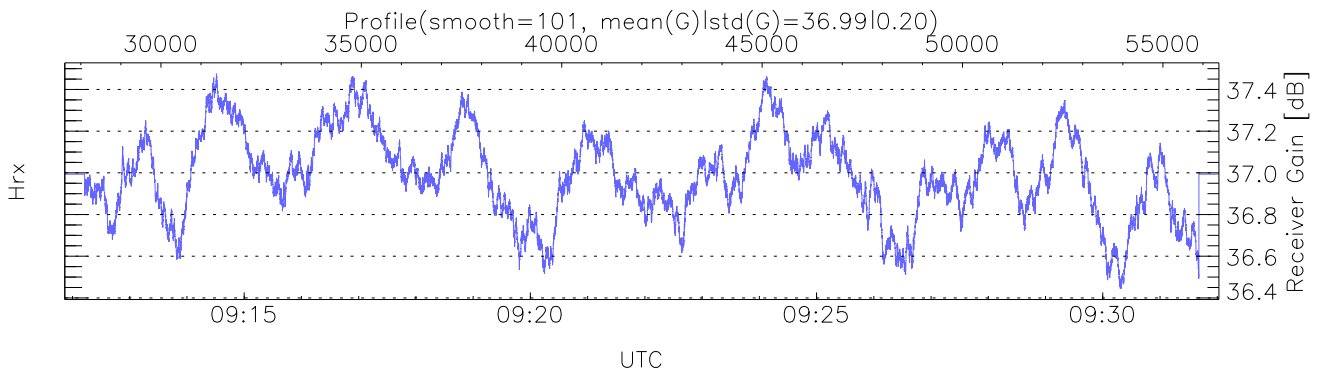
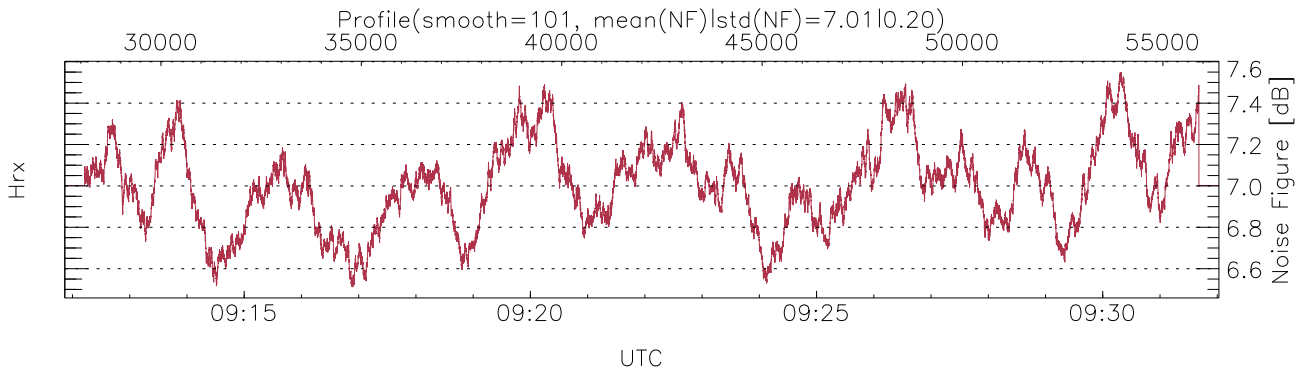
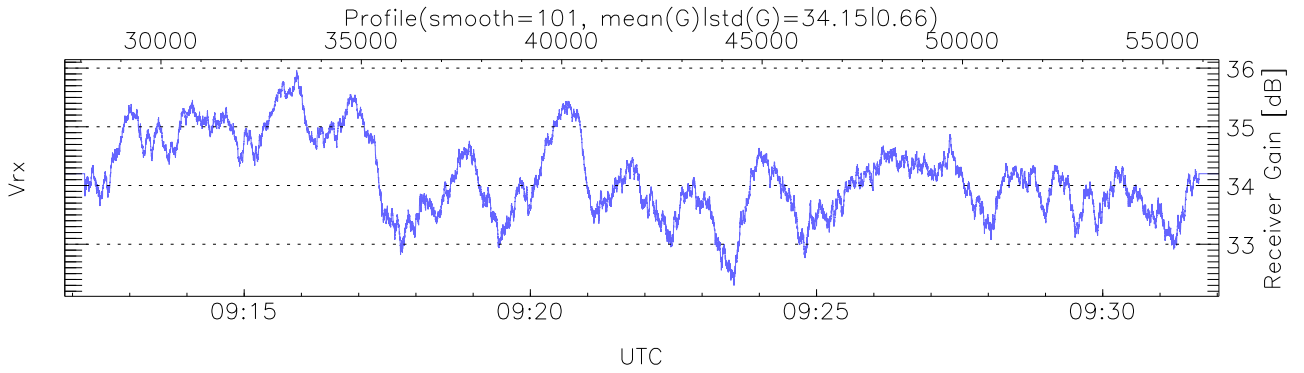
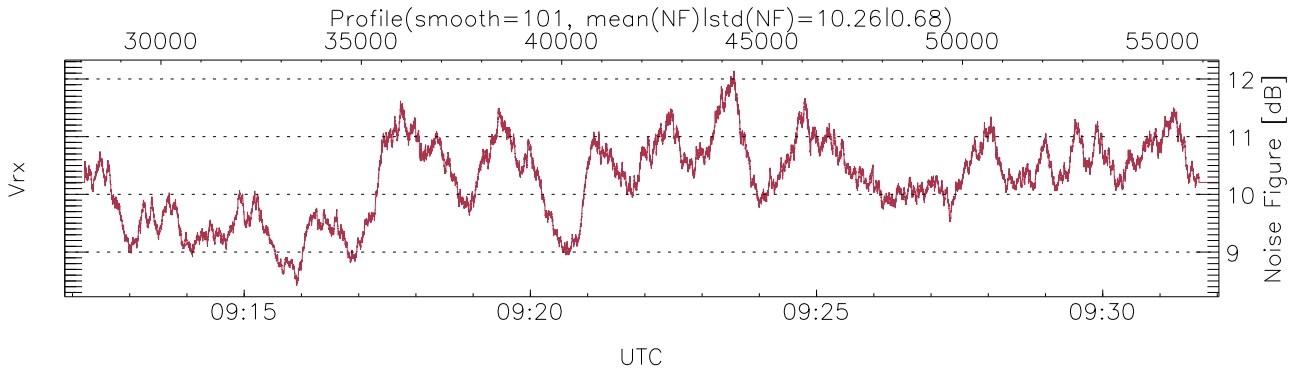
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 08:52:32-09:32:02, Dur: 2369.35s
 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): 28800/56400, 27600-56399/09:11:52-09:32:02
 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

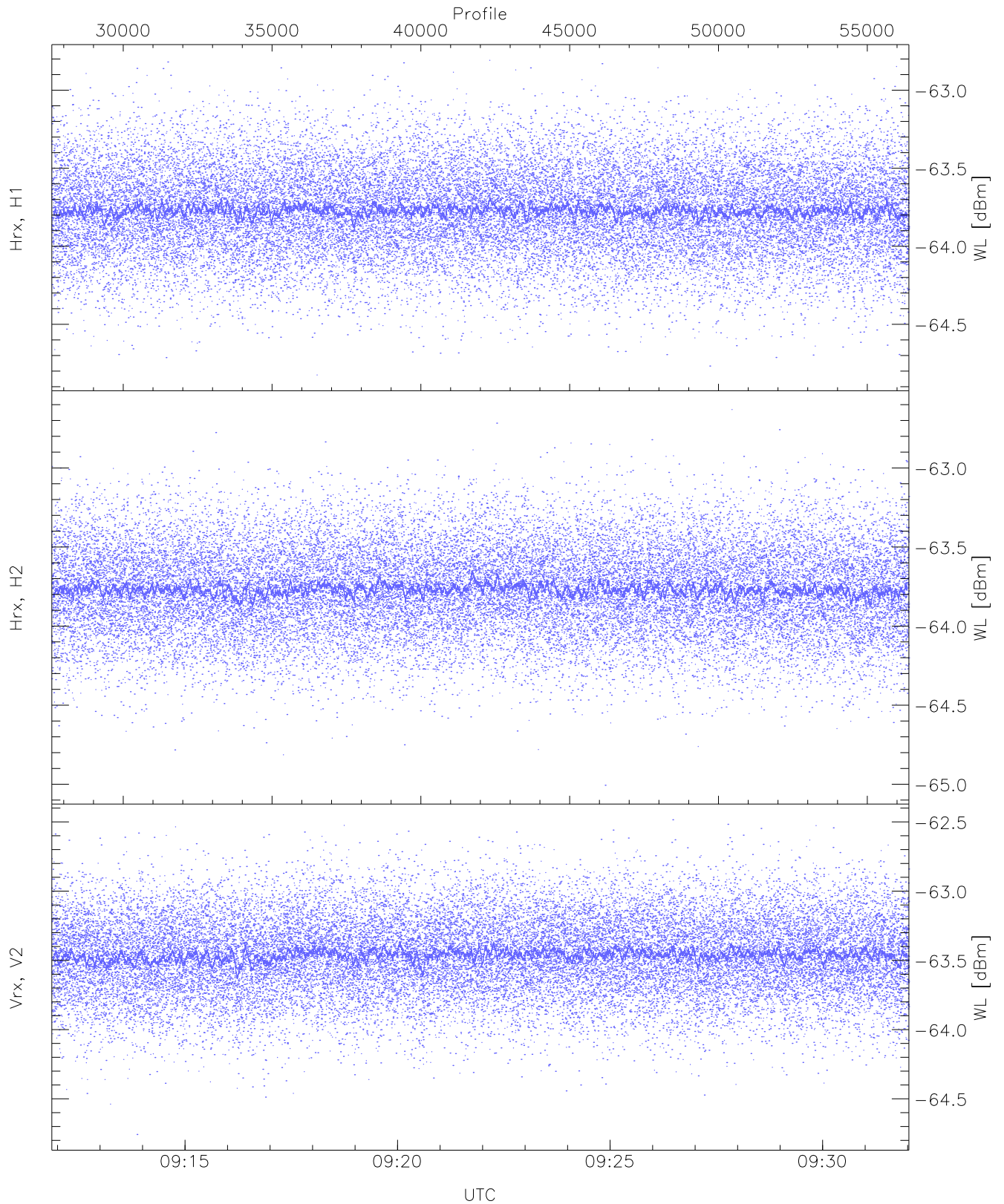


WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,28,31,-4`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,23,31,33,78`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK/Modulator Faults: None`

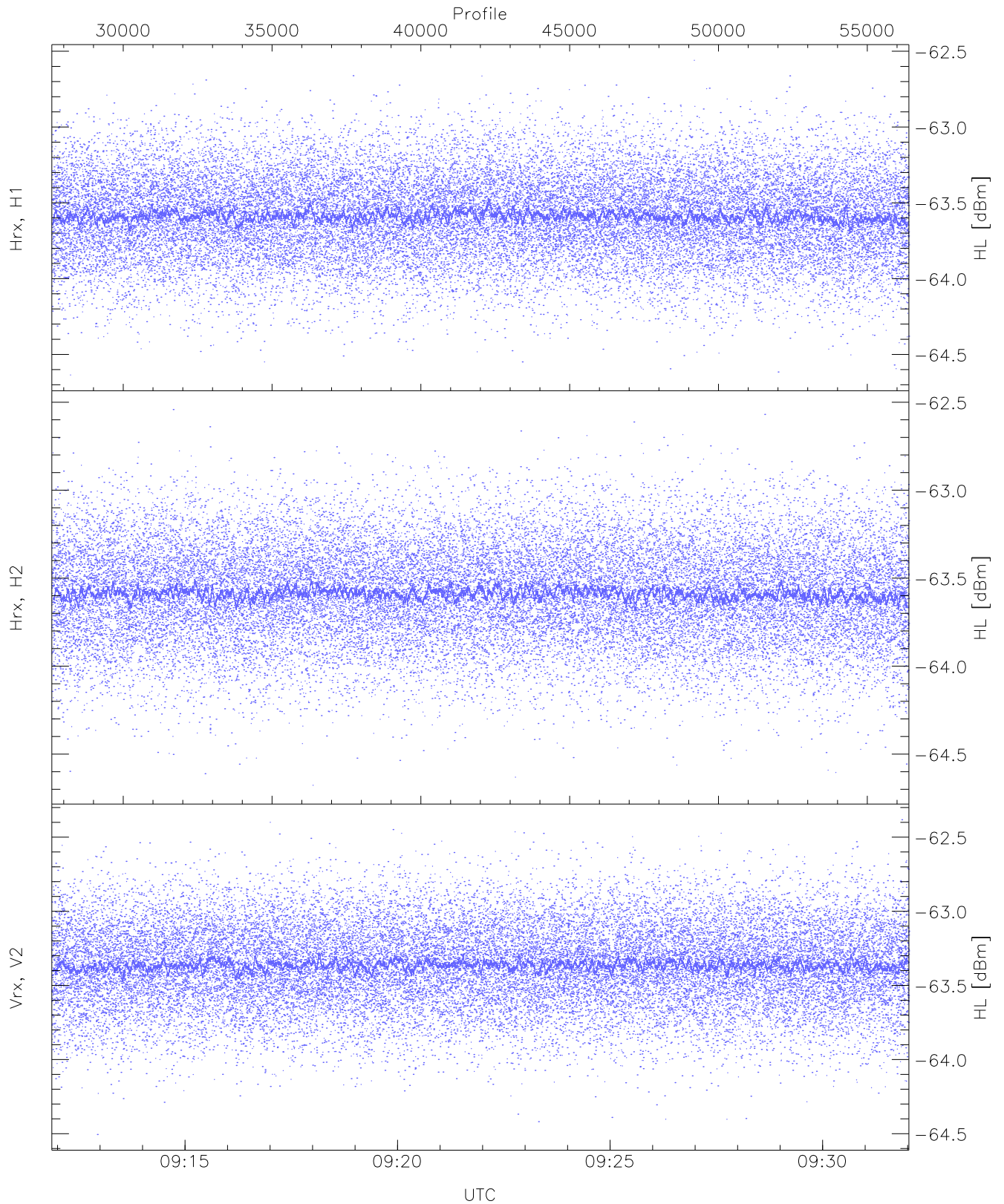


WCR2 CPP Receivers Gain and Noise Figure



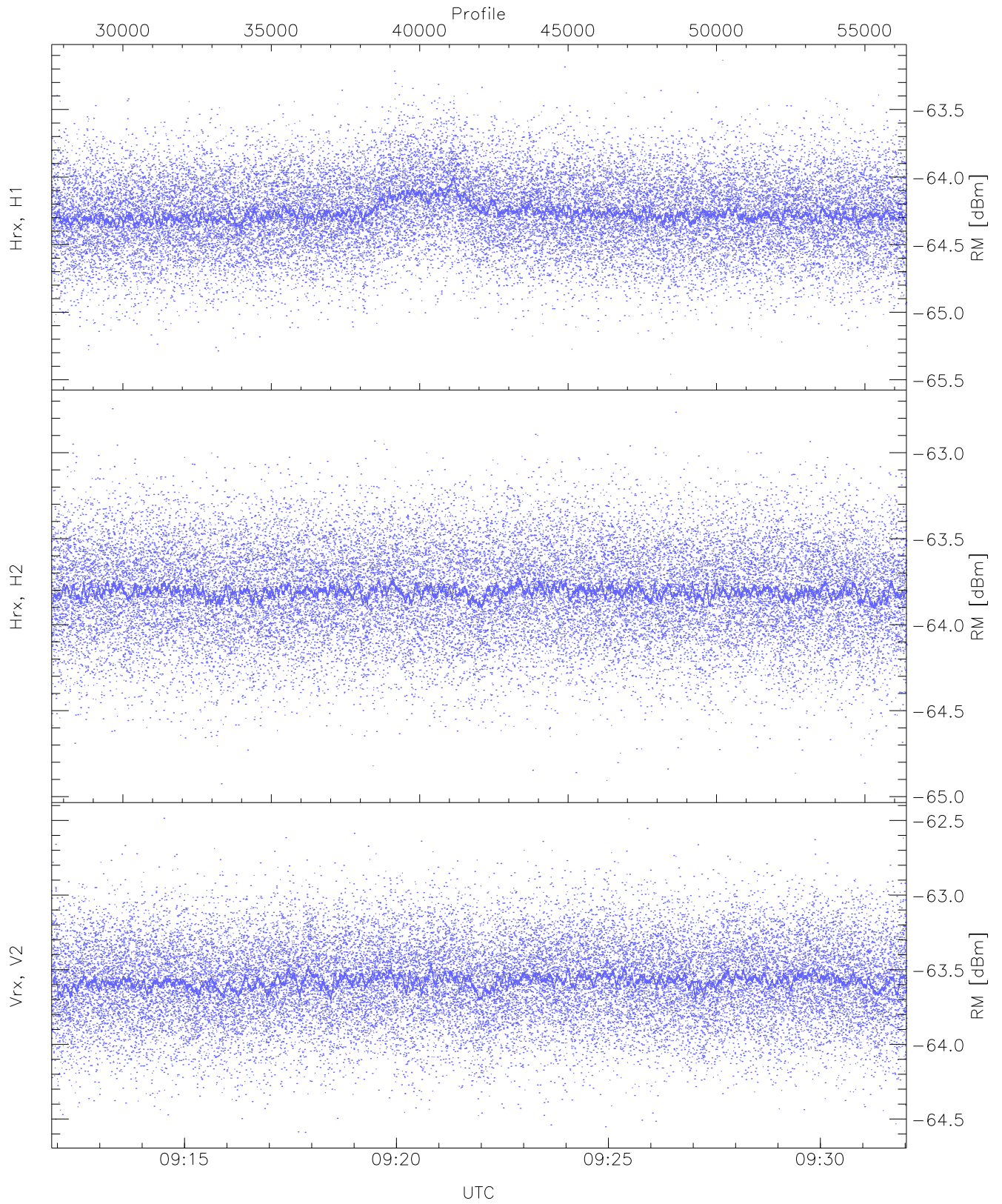
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.82	-62.81	-63.77	-63.77	-75.90
Hrx, H2 (WL [dBm])	-65.01	-62.63	-63.76	-63.77	-75.91
Vrx, V2 (WL [dBm])	-64.76	-62.48	-63.46	-63.46	-75.54



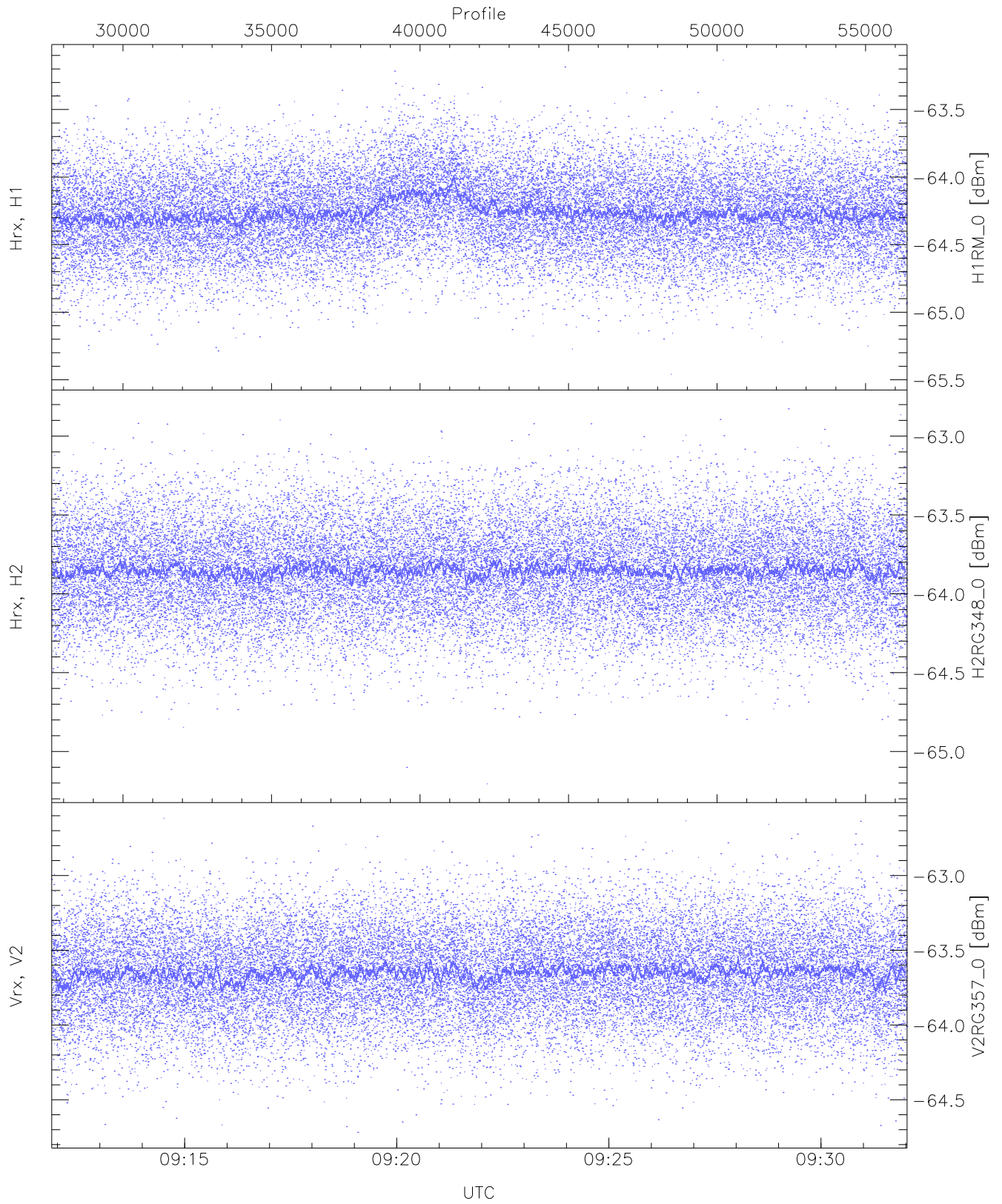
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.64	-62.56	-63.58	-63.59	-75.72
Hrx, H2 (HL [dBm])	-64.68	-62.54	-63.58	-63.59	-75.75
Vrx, V2 (HL [dBm])	-64.51	-62.38	-63.36	-63.36	-75.50



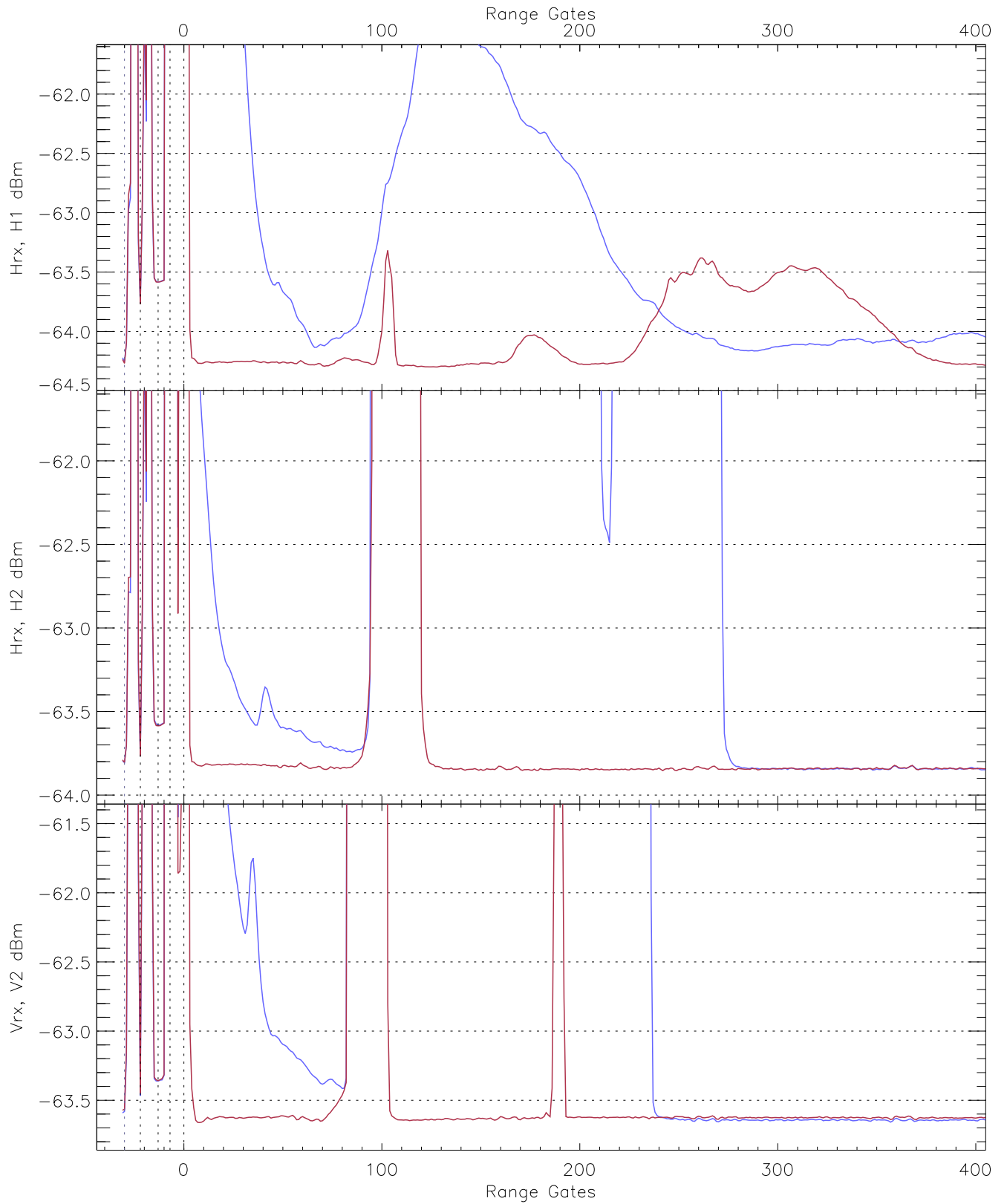
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.46	-63.14	-64.26	-64.27	-76.30
Hrx, H2 (RM [dBm])	-64.93	-62.74	-63.80	-63.81	-75.97
Vrx, V2 (RM [dBm])	-64.59	-62.49	-63.57	-63.58	-75.66

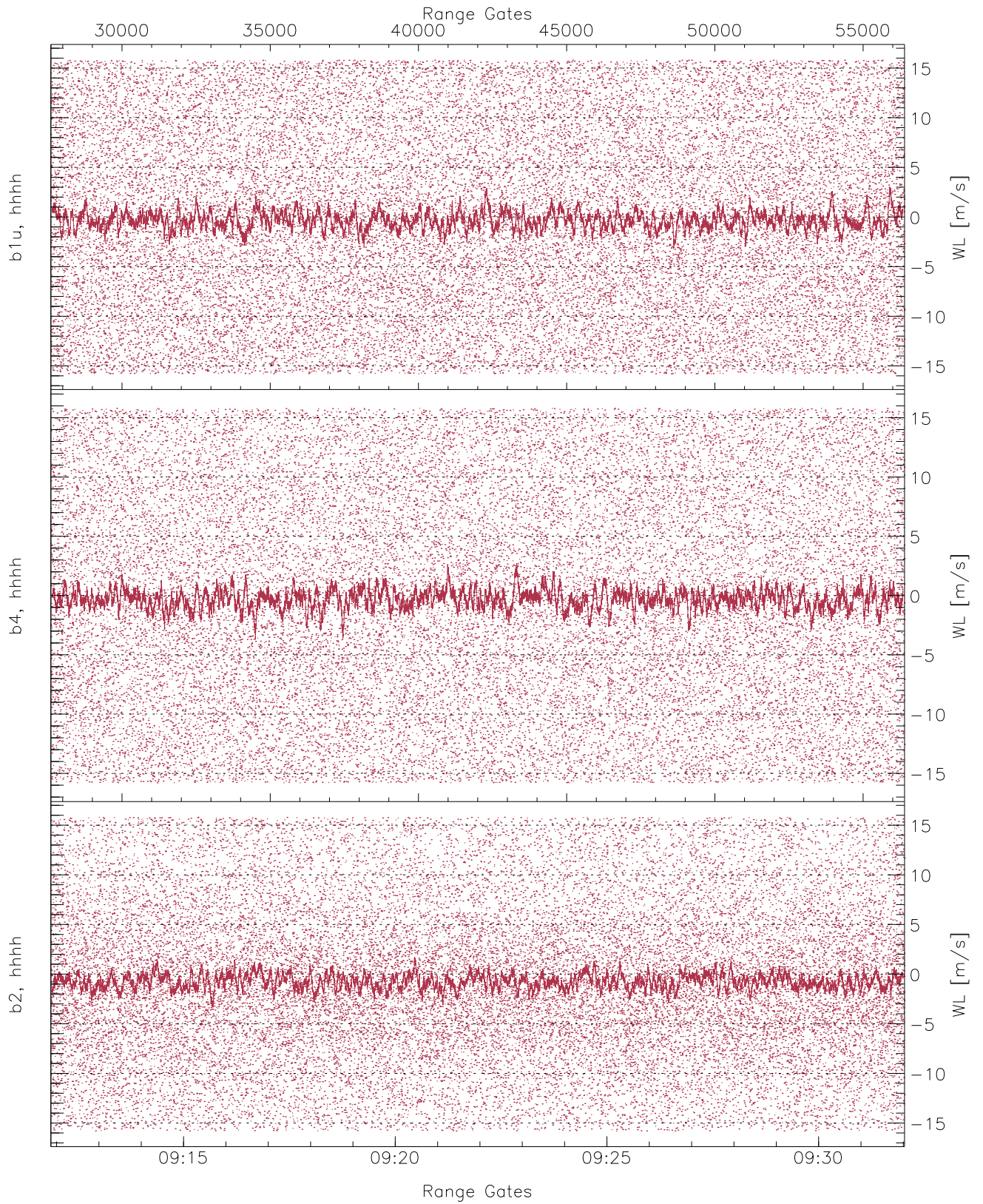


WCR2 CPP "Best" estimate Receivers Noise Power

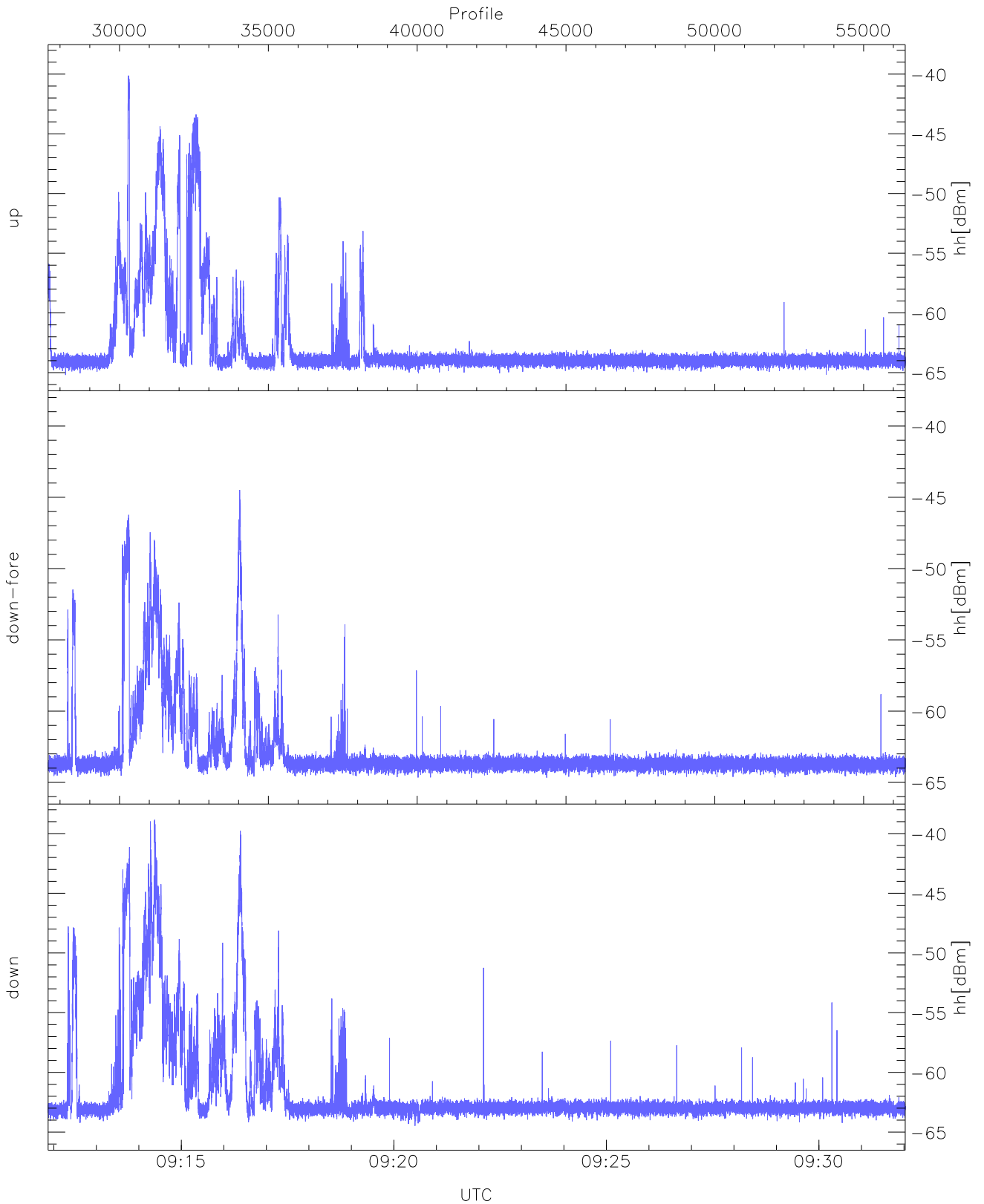
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-65.46	-63.14	-64.26	-64.27	-76.30
H2RG348_0 [dBm]	-65.20	-62.83	-63.85	-63.85	-75.99
V2RG357_0 [dBm]	-64.72	-62.62	-63.65	-63.66	-75.77



WCR2 CPP Averaged Received power for all recorded gates
blue: 091152-92156, 14401 profiles averaged
red: 92156-093202, 14400 profiles averaged

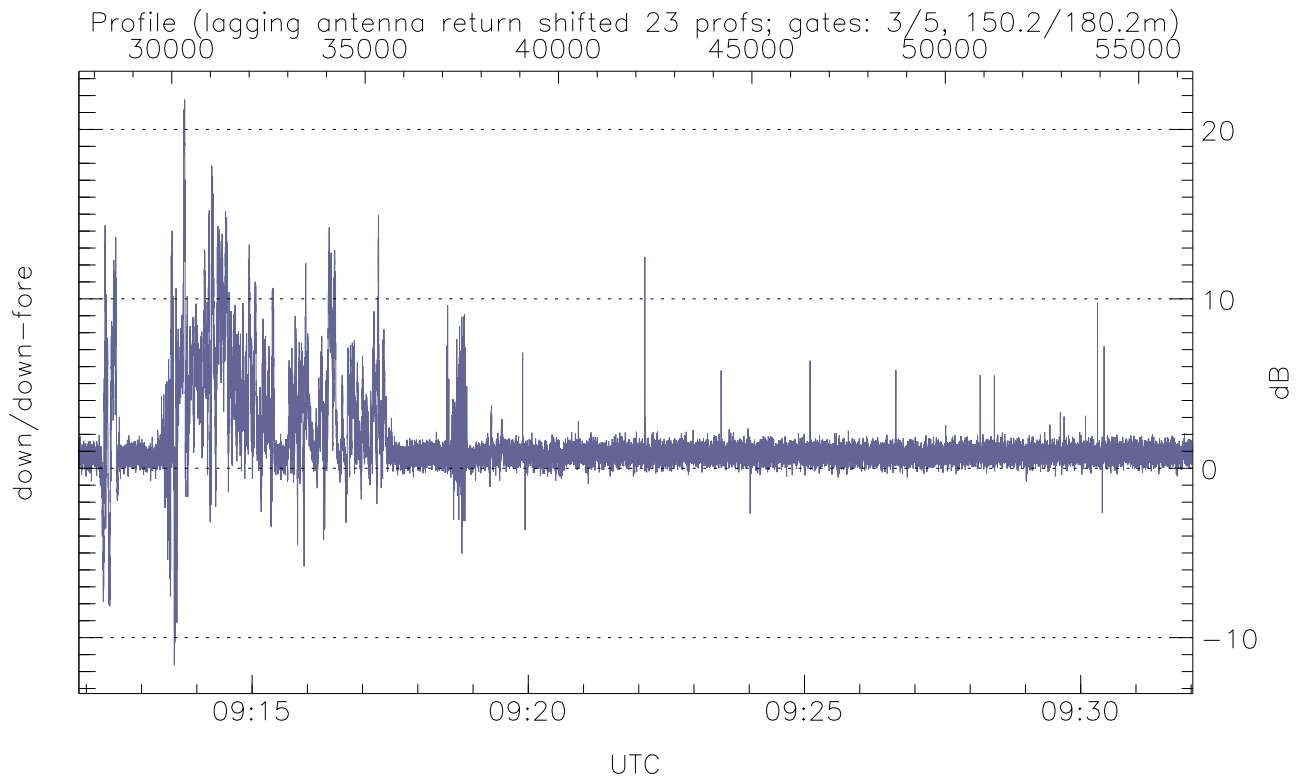
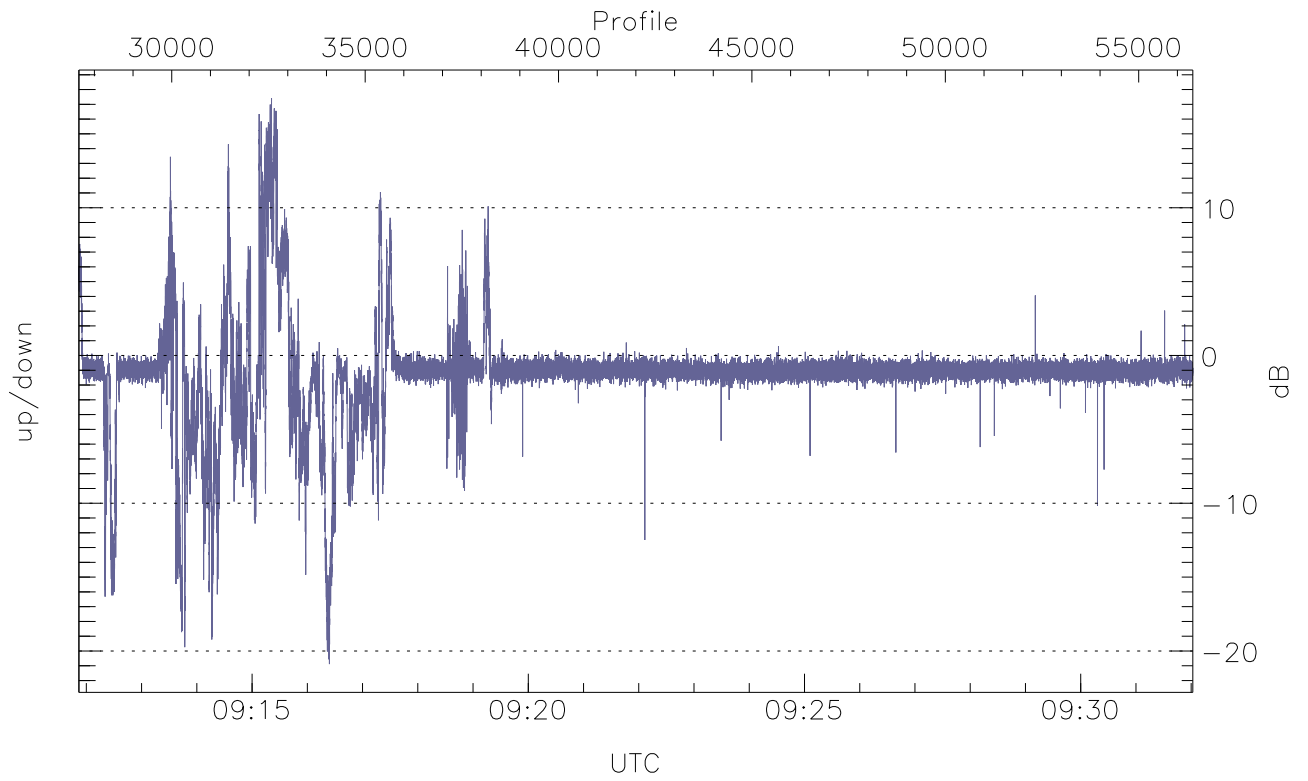


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



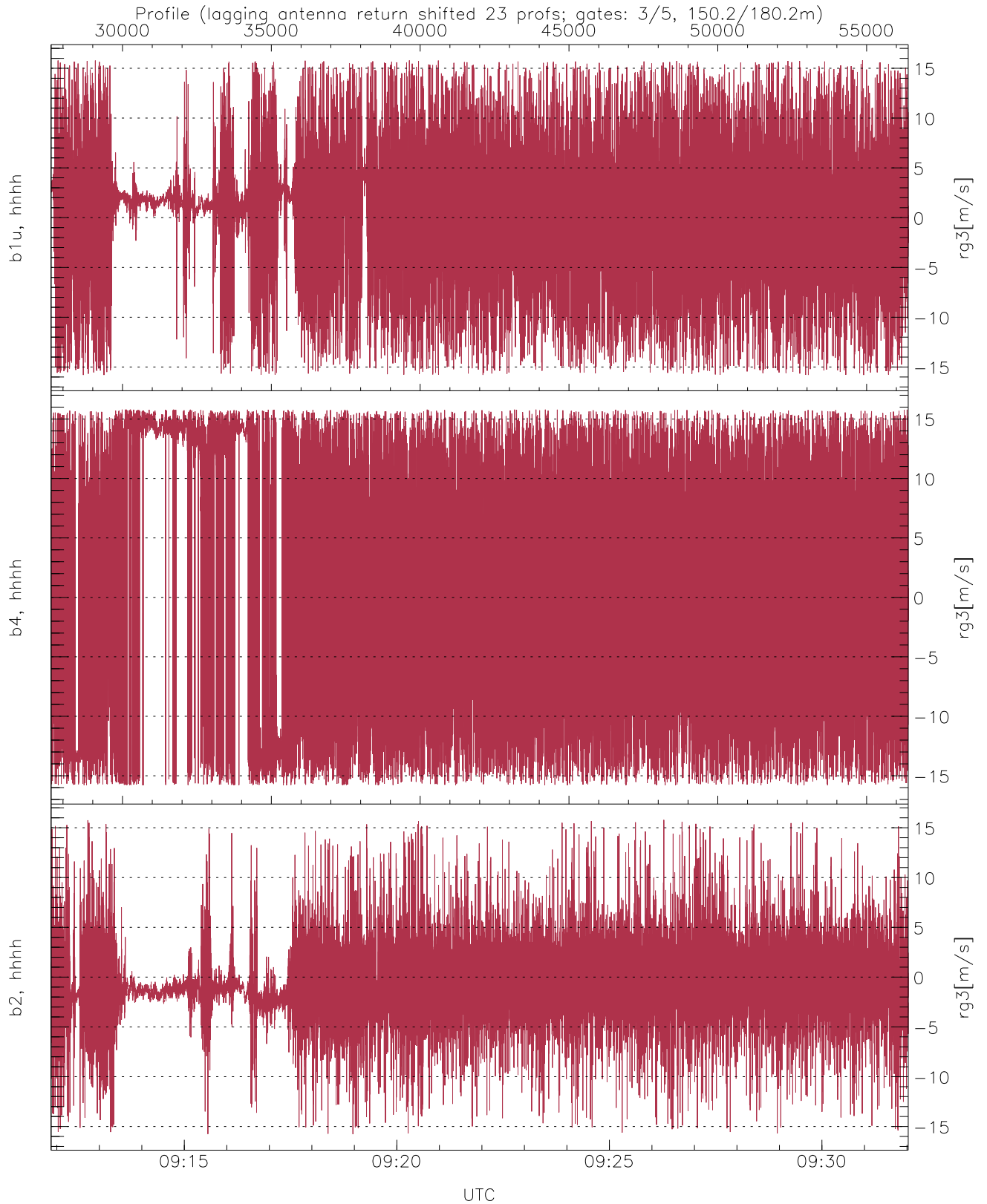
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-65.20	-40.12	-59.44
down-fore(hh[dBm])	-64.67	-44.48	-61.16
down(hh[dBm])	-64.47	-38.84	-57.64



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-20.89	17.41	-1.25
down/down-fore (dB)	-11.63	21.77	1.49



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	0.11	5.35
b4, hhhh(rg3[m/s])	-15.80	15.80	1.10	9.40
b2, hhhh(rg3[m/s])	-15.77	15.79	-0.70	3.33