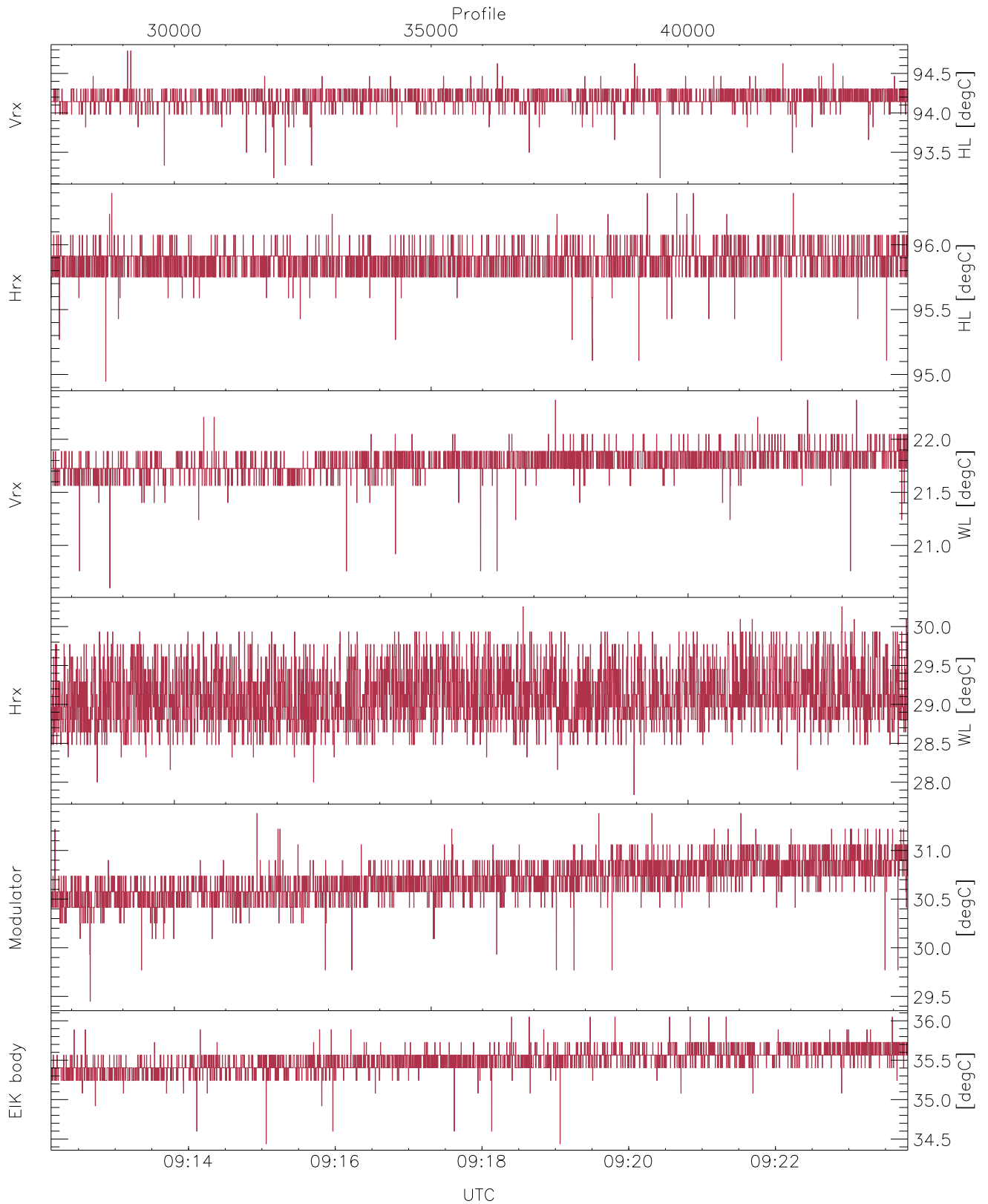


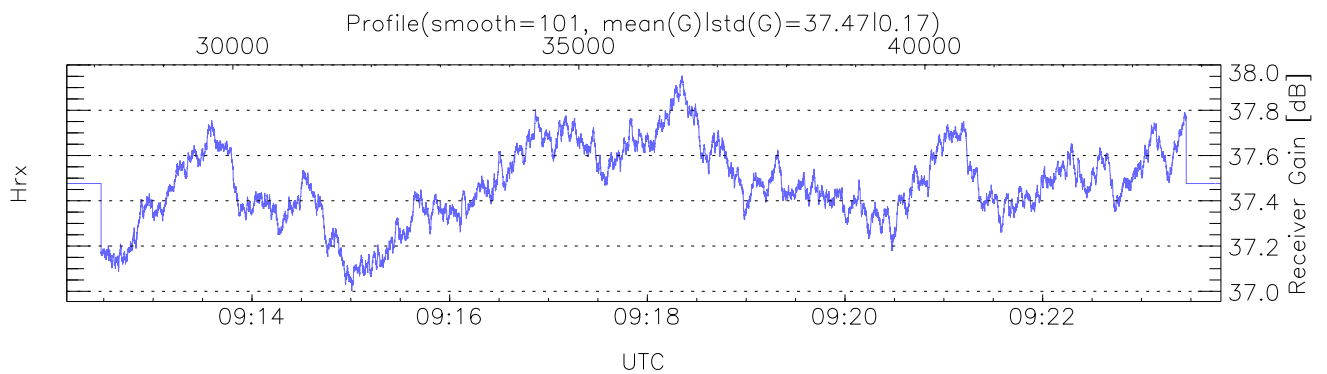
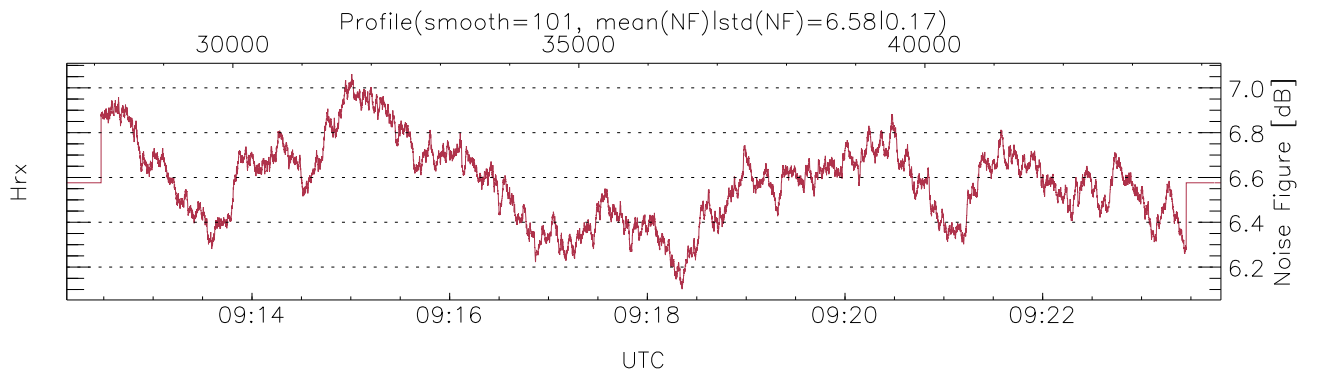
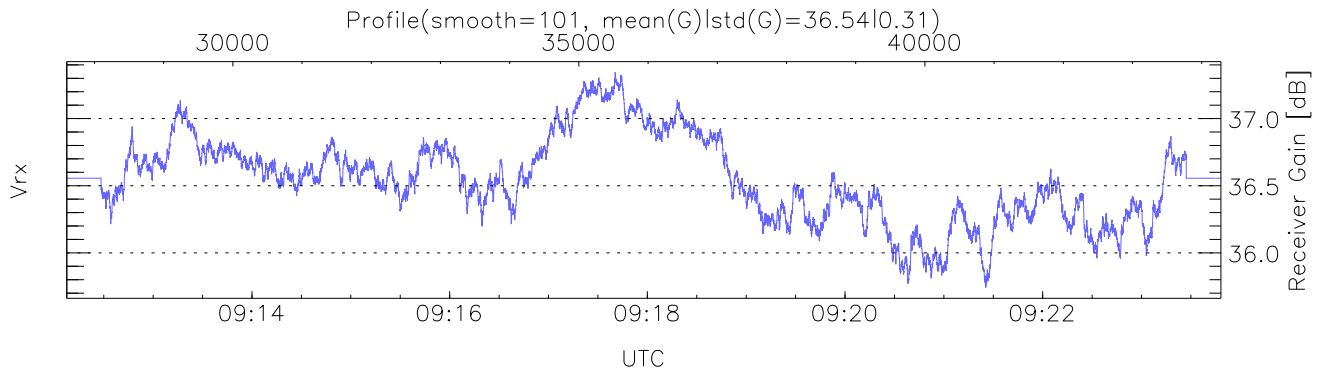
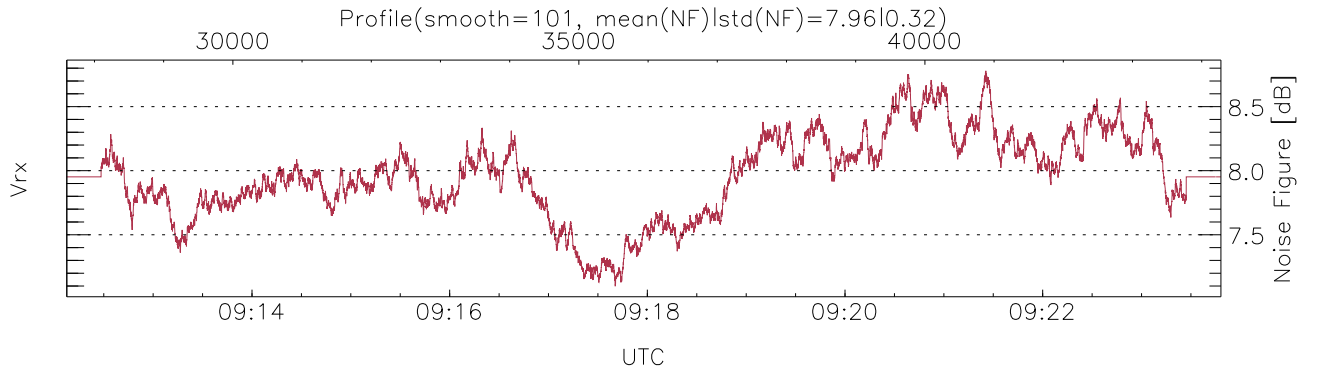
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 08:52:48-09:23:48, Dur: 1860.14s
 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): 16679/44279, 27600-44278/09:12:08-09:23:48
 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|sidelup|error): 1



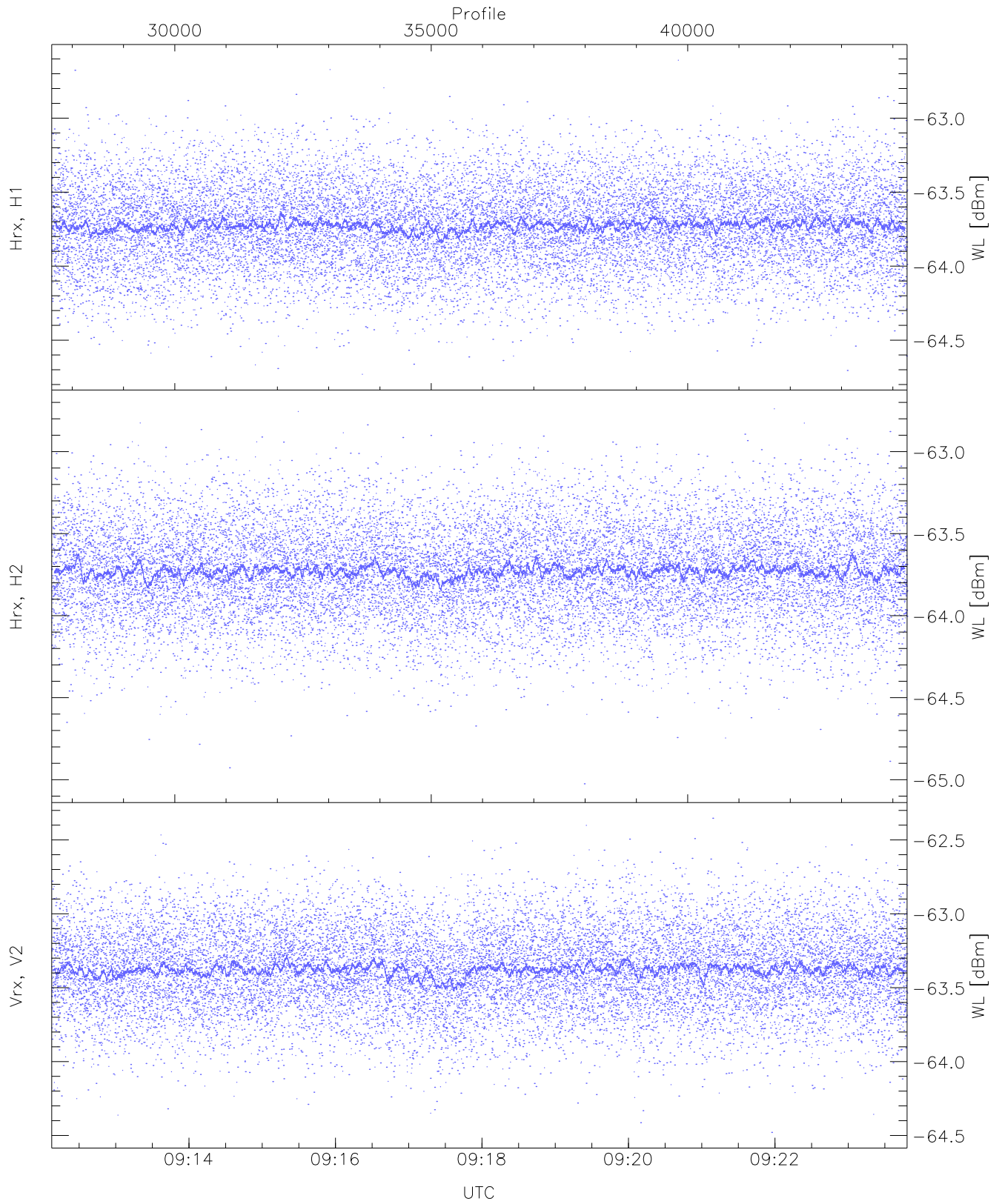
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,29,34
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,30,31,36
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



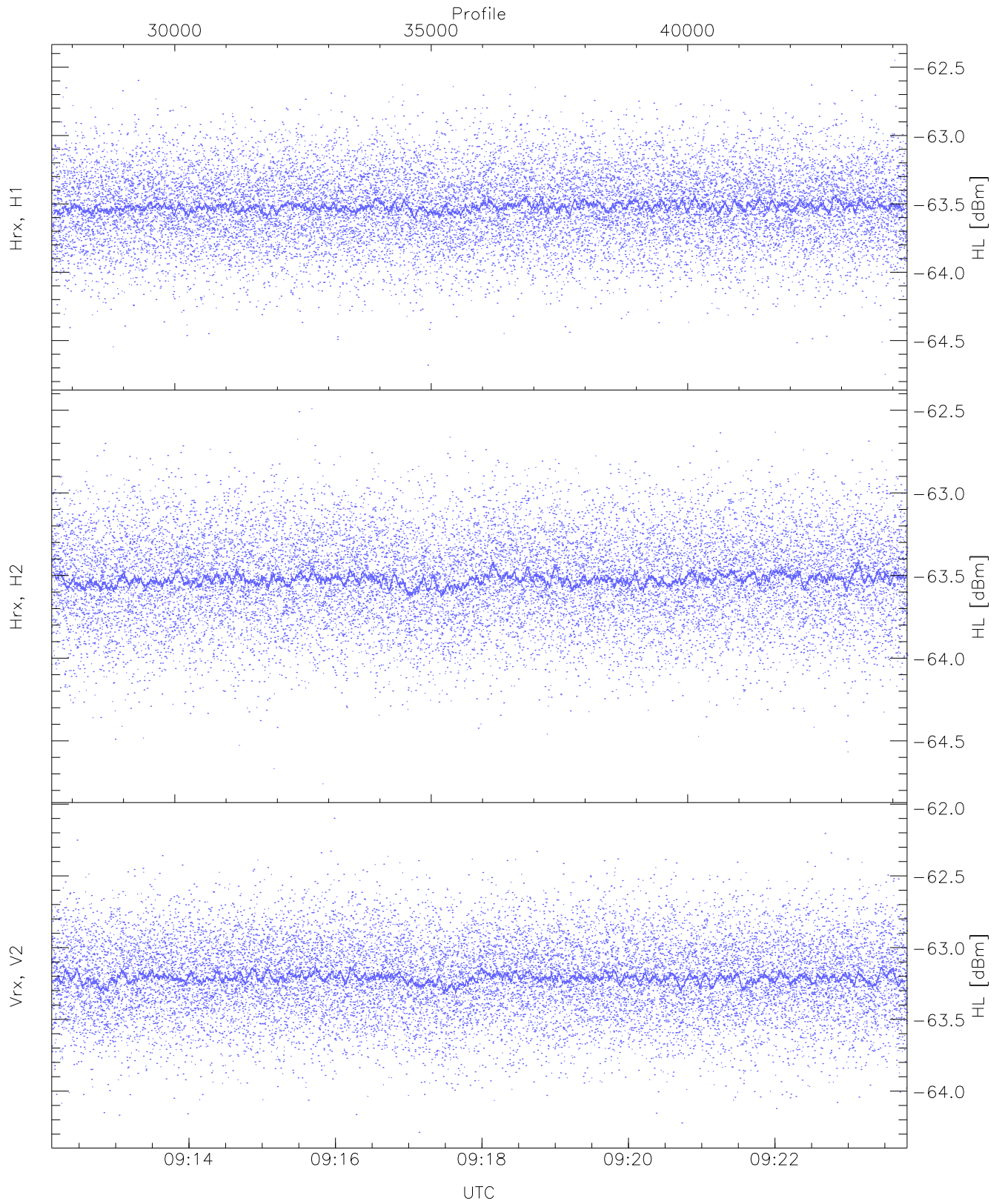
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 32771 pixs, 7 gates, 16421 profs, 1 prods



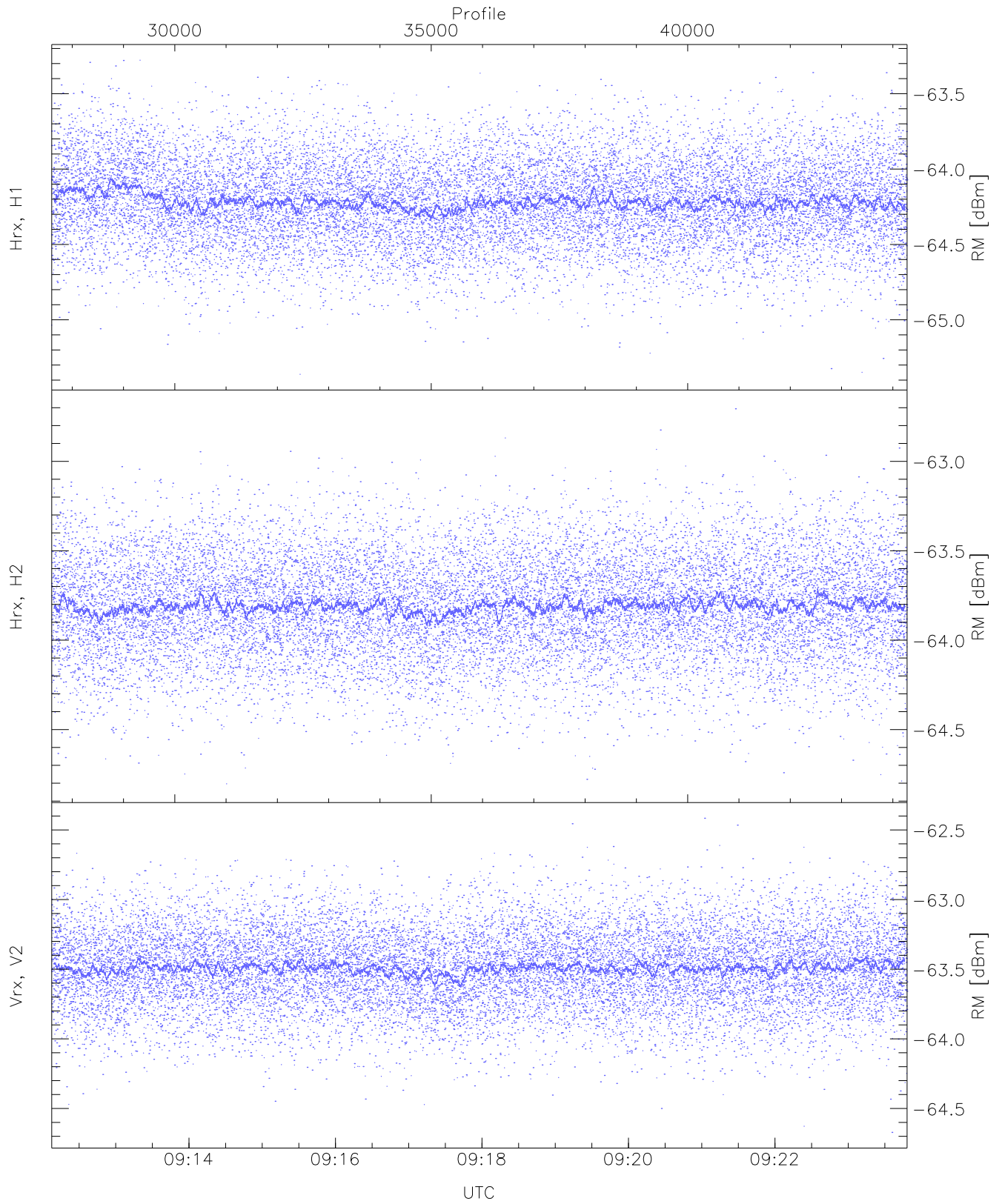
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.73	-62.61	-63.72	-63.72	-75.86
Hrx, H2(WL [dBm])	-65.03	-62.74	-63.72	-63.73	-75.88
Vrx, V2(WL [dBm])	-64.48	-62.35	-63.37	-63.38	-75.50



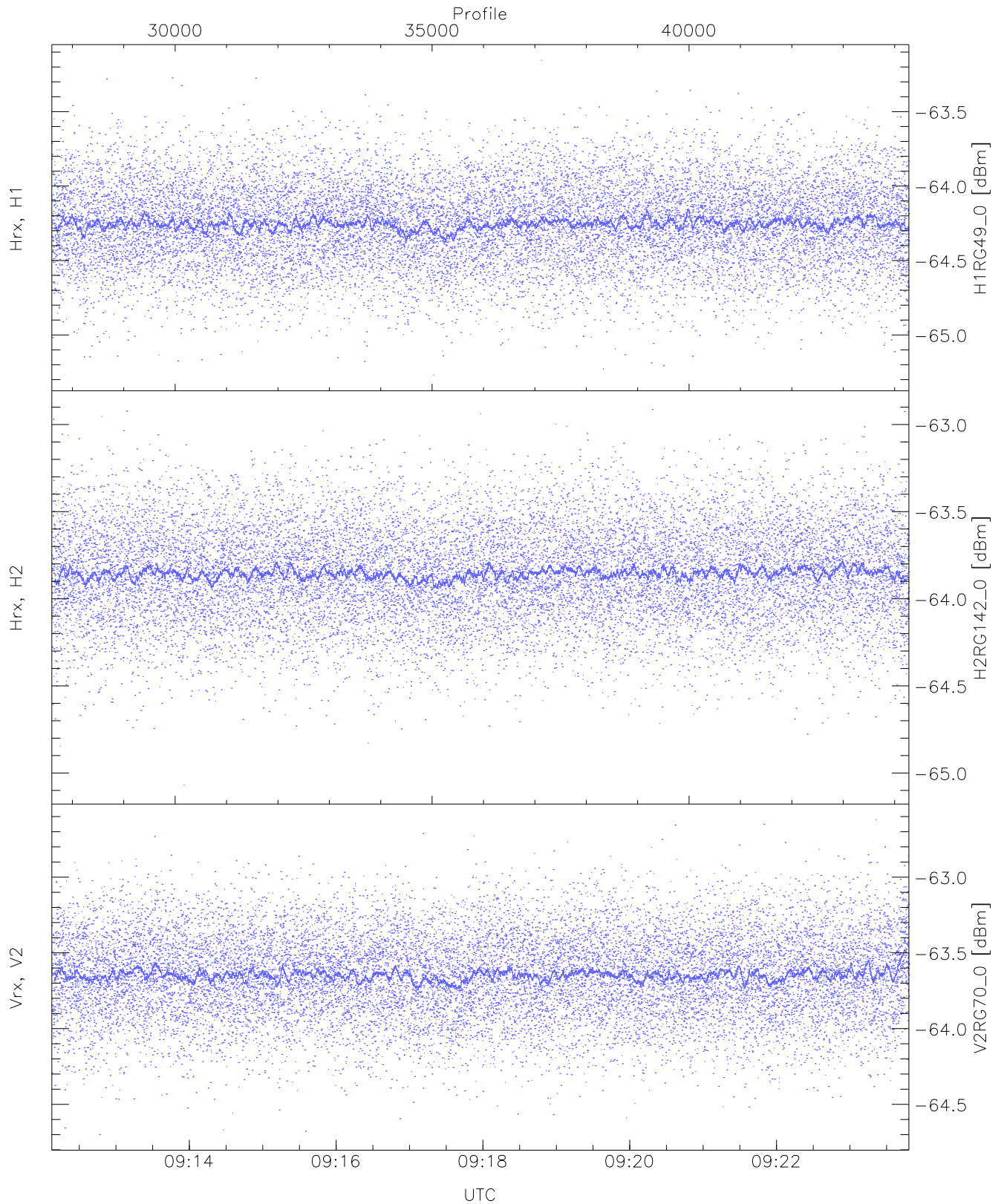
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.75	-62.45	-63.52	-63.52	-75.65
Hrx, H2 (HL [dBm])	-64.76	-62.49	-63.52	-63.52	-75.66
Vrx, V2 (HL [dBm])	-64.29	-62.10	-63.21	-63.21	-75.31



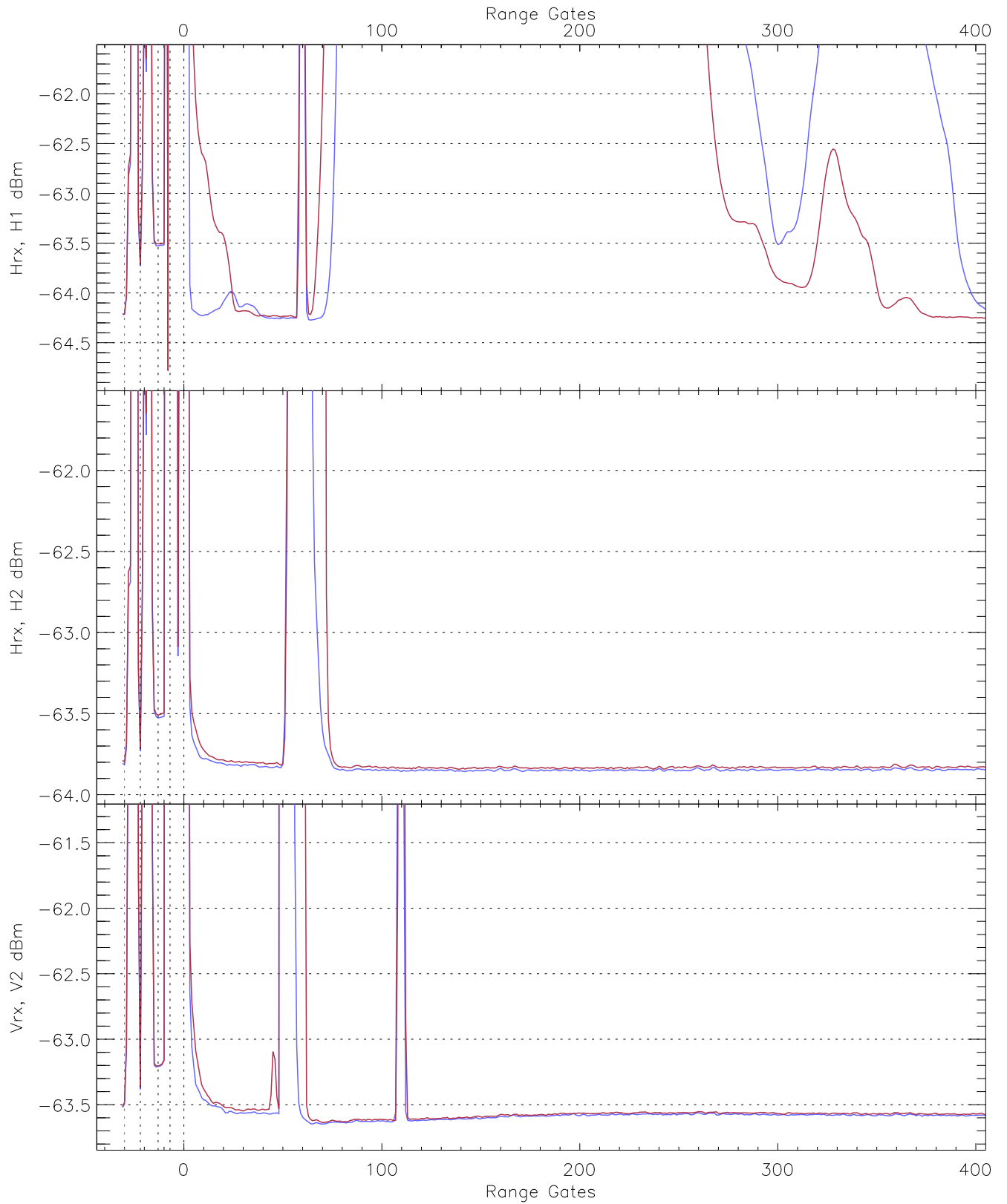
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.36	-63.28	-64.21	-64.22	-76.35
Hrx, H2 (RM [dBm])	-64.80	-62.71	-63.81	-63.81	-75.98
Vrx, V2 (RM [dBm])	-64.67	-62.42	-63.49	-63.49	-75.63

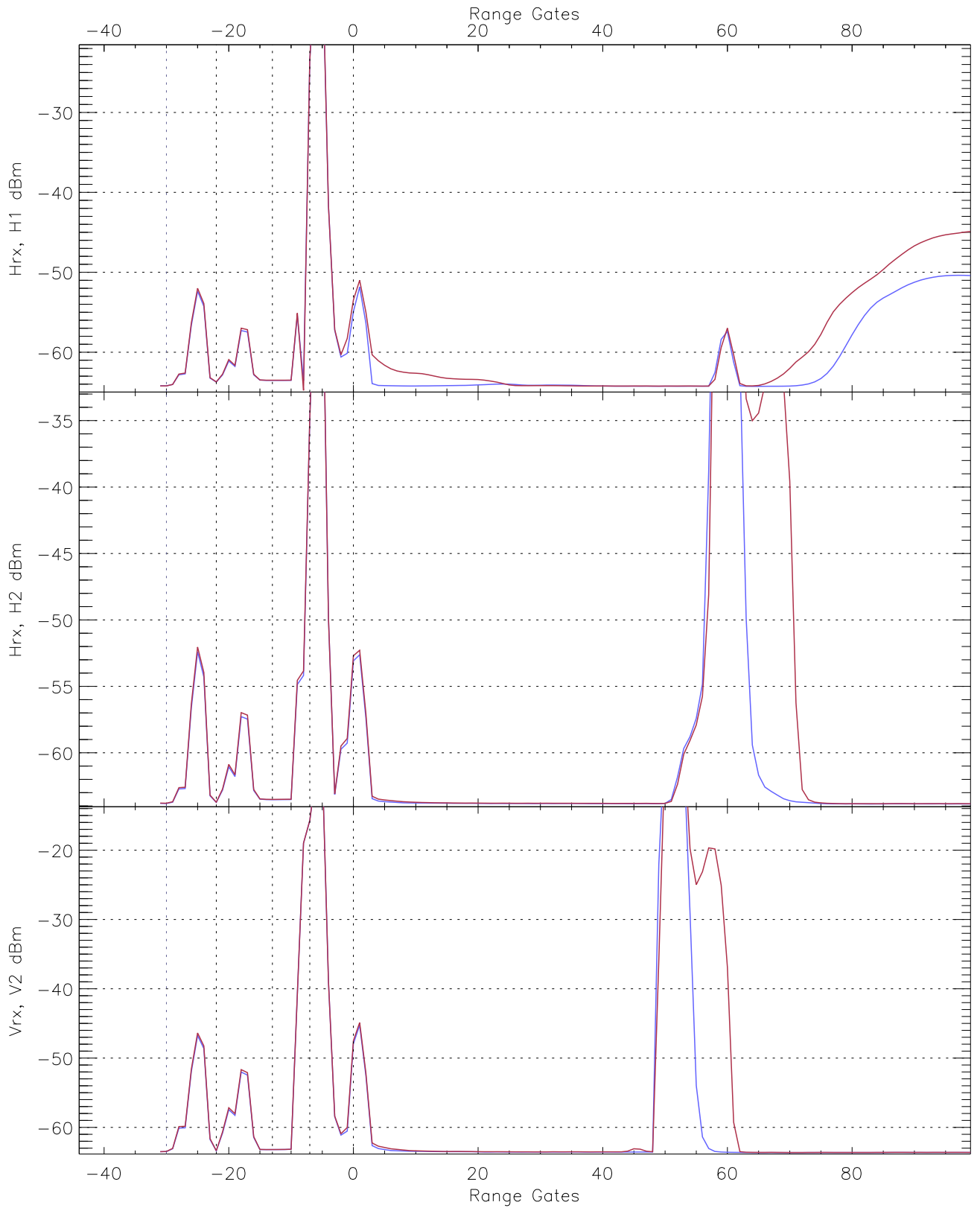


WCR2 CPP "Best" estimate Receivers Noise Power

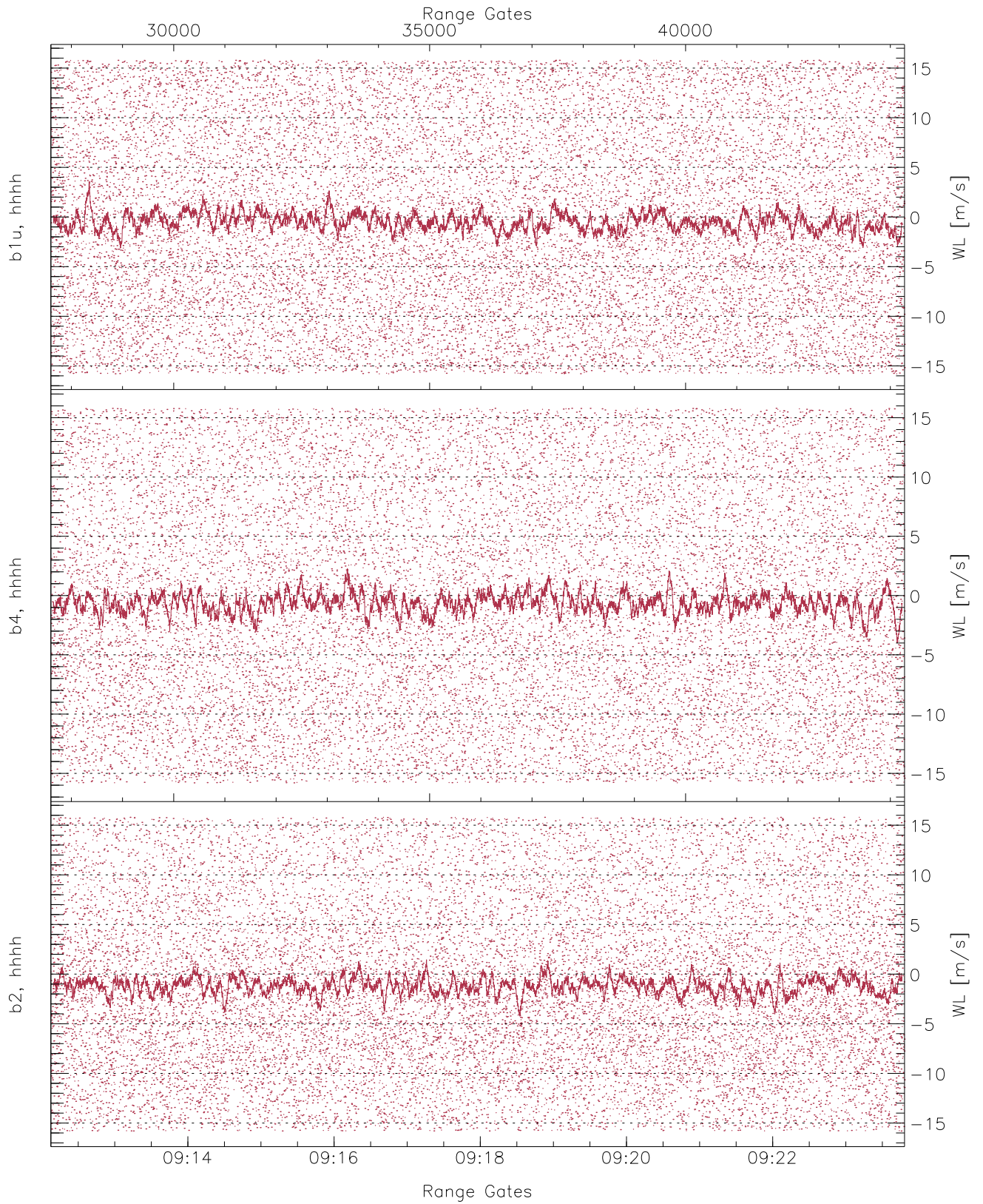
	Min	Max	Mean	Median	StDev
H1RG49_0 [dBm]	-65.27	-63.16	-64.25	-64.25	-76.37
H2RG142_0 [dBm]	-65.07	-62.91	-63.85	-63.86	-75.99
V2RG70_0 [dBm]	-64.70	-62.62	-63.64	-63.65	-75.73



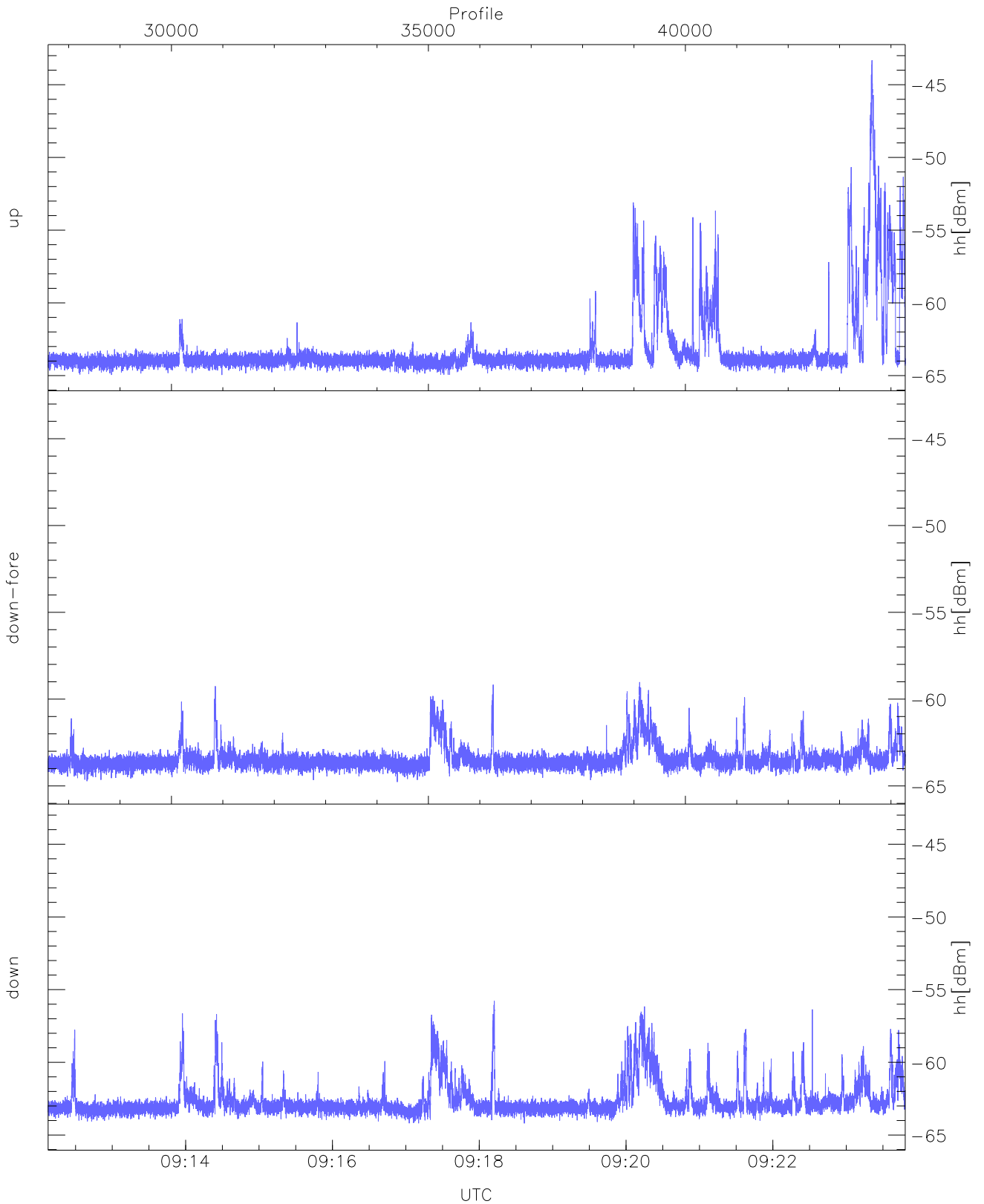
WCR2 CPP Averaged Received power for all recorded gates
blue: 091208-091758, 8340 profiles averaged
red: 091758-092348, 8340 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 091208-091758, 8340 profiles averaged
red: 091758-092348, 8340 profiles averaged

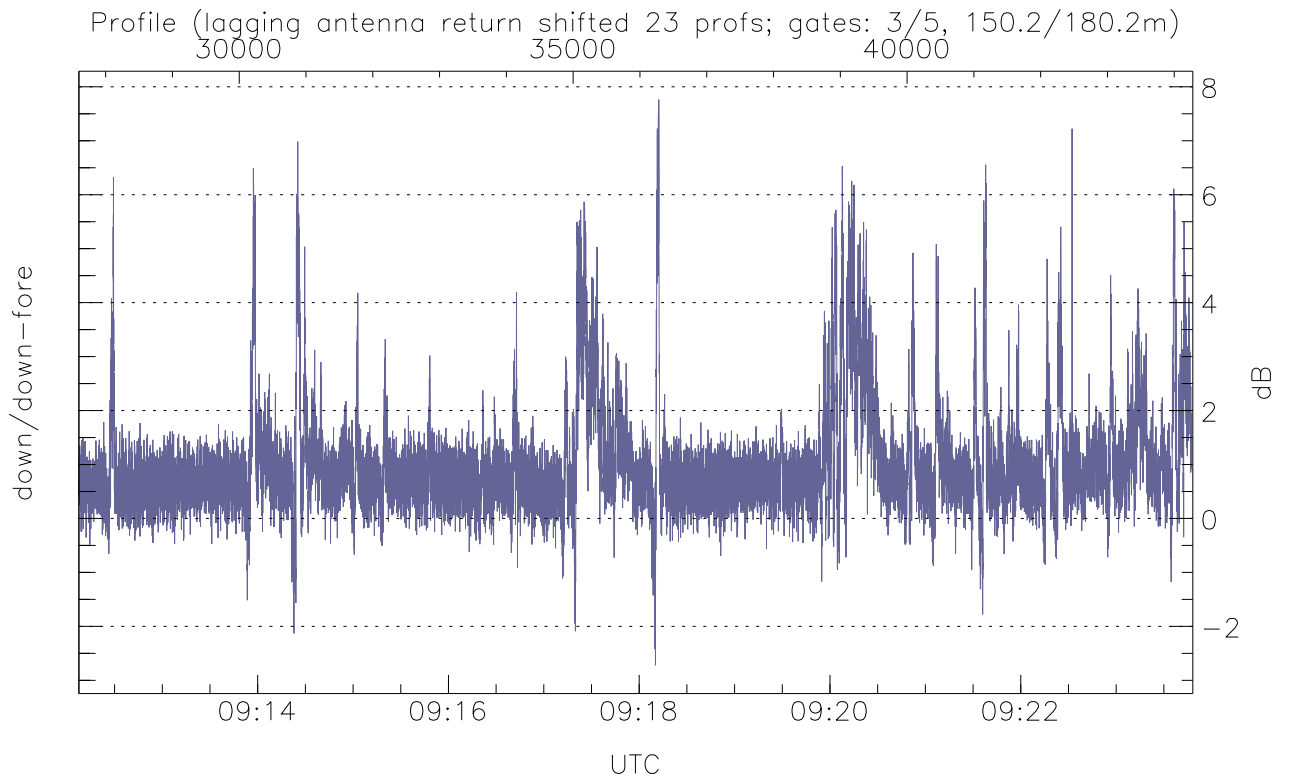
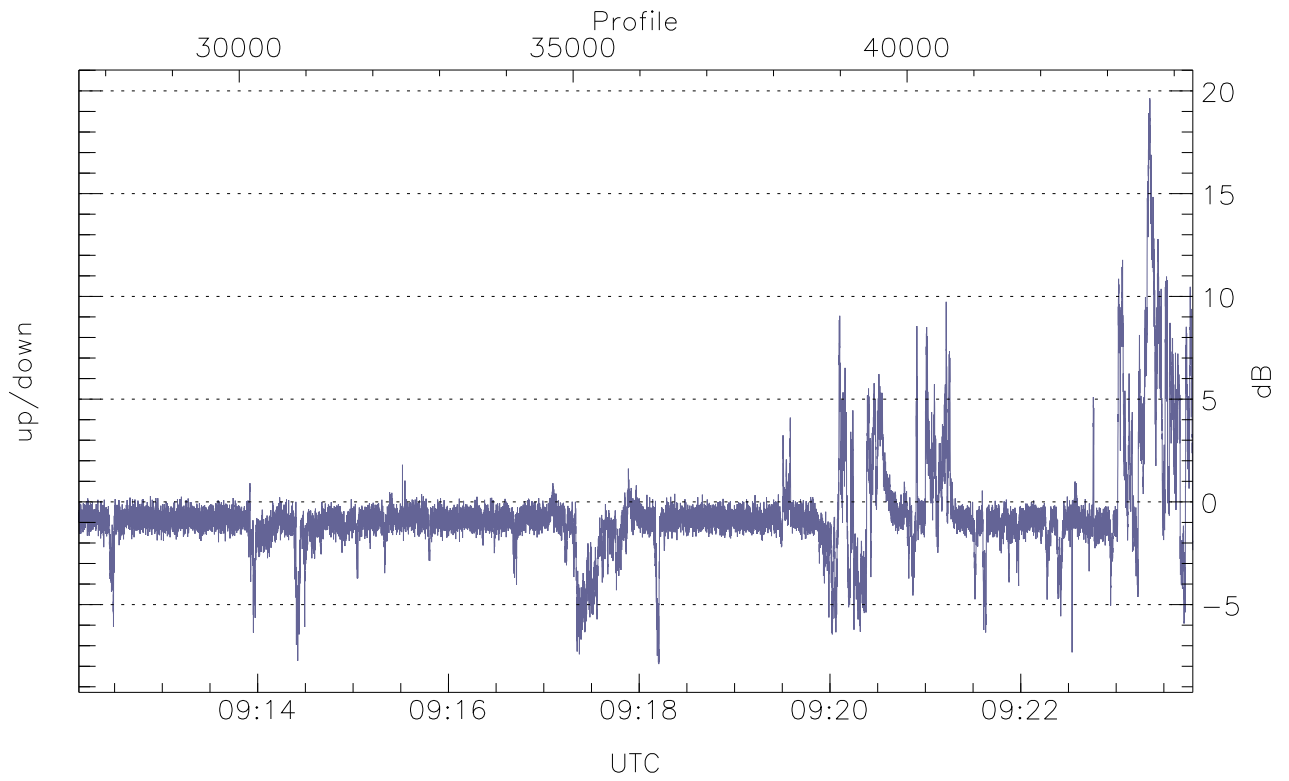


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

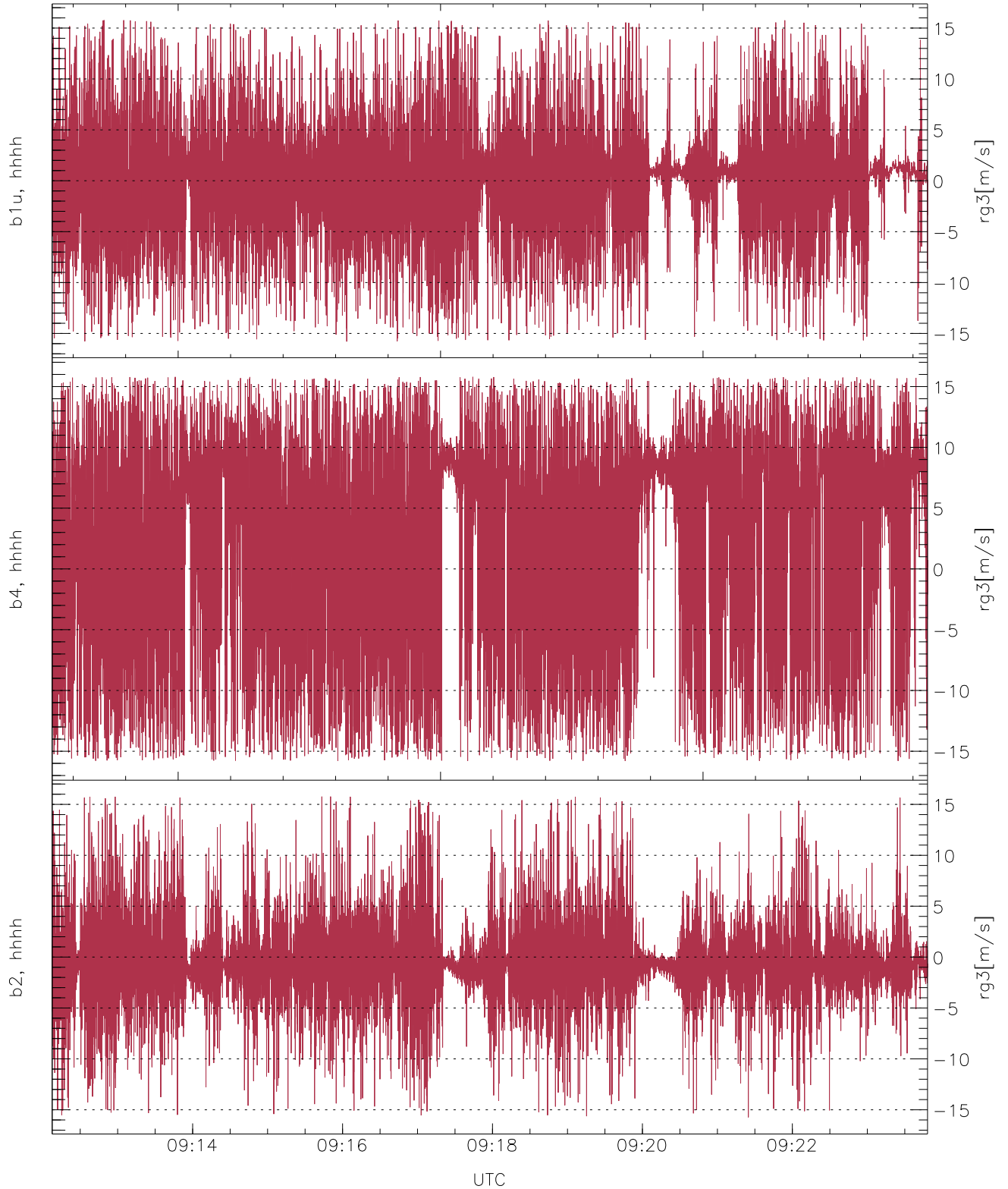
	Min	Max	Mean
up(hh[dBm])	-64.96	-43.32	-61.76
down-fore(hh[dBm])	-64.77	-59.02	-63.36
down(hh[dBm])	-64.20	-55.78	-62.44



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-7.89	19.64	-0.58
down/down-fore (dB)	-2.72	7.76	1.02

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])	-15.80	15.78	-0.22	4.63
b4, hhhh(rg3[m/s])	-15.80	15.80	2.03	7.30
b2, hhhh(rg3[m/s])	-15.74	15.78	-0.54	3.41