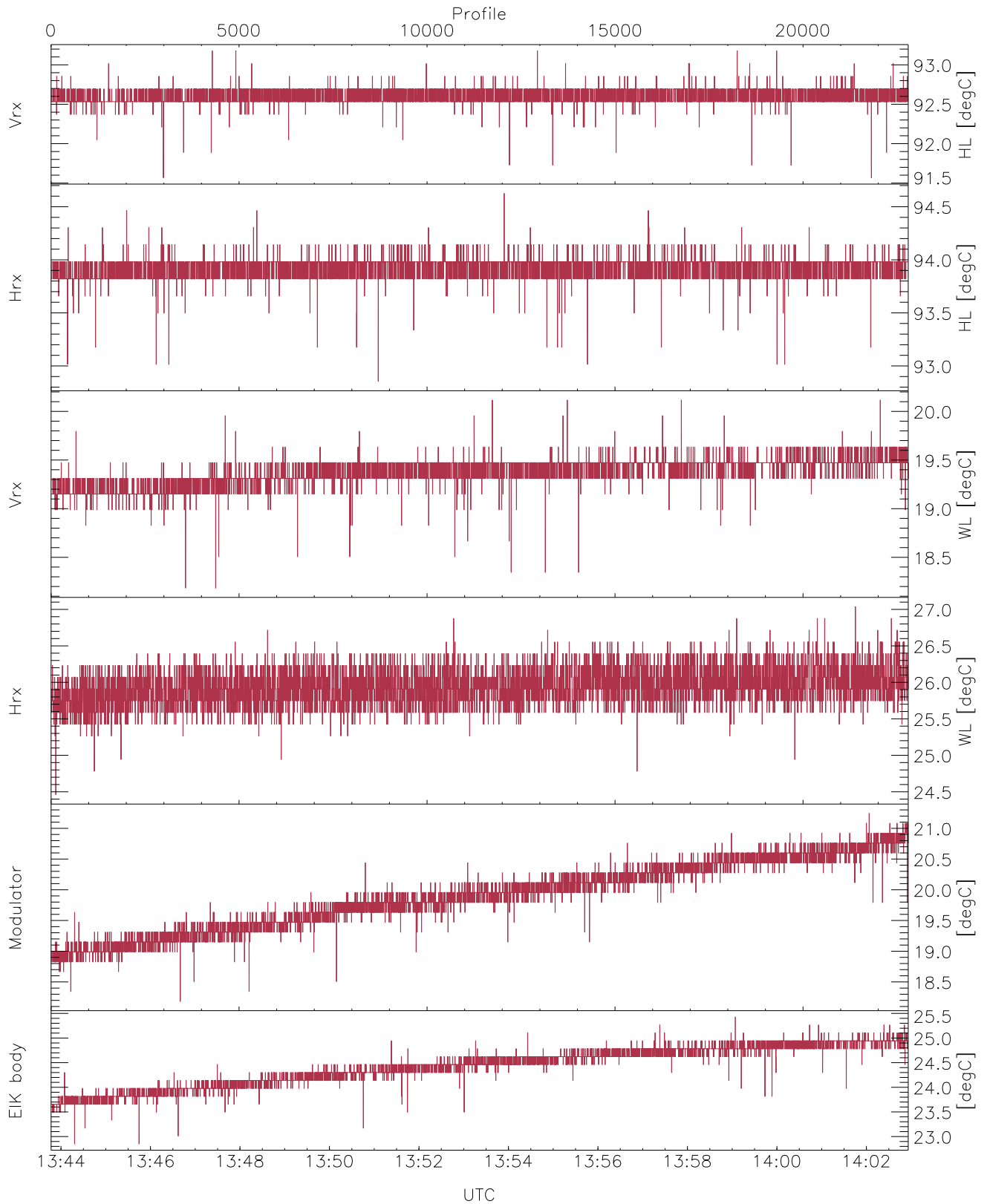


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

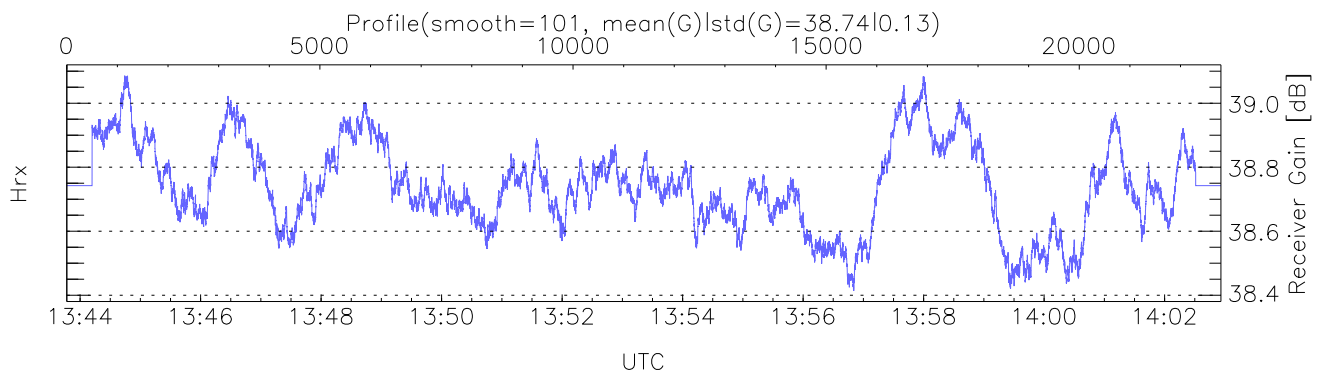
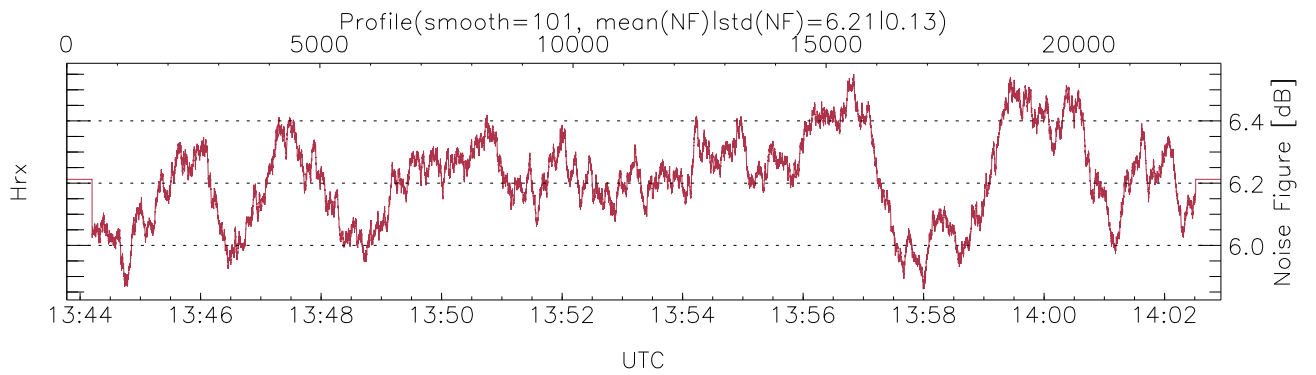
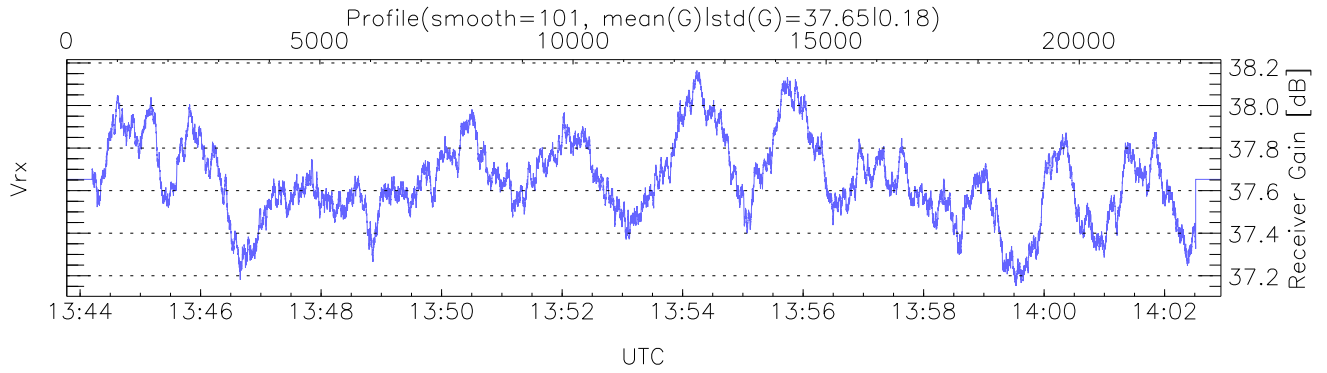
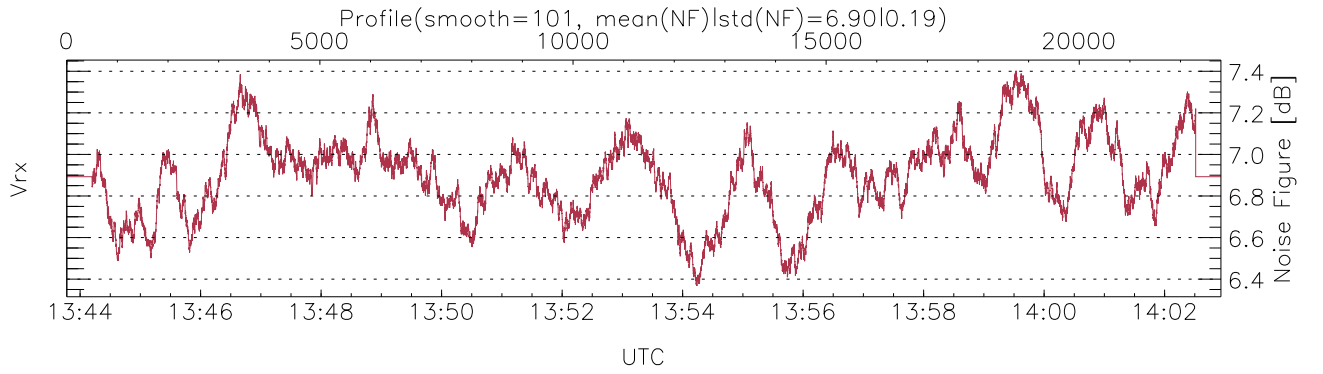
UTC: 13:43:47-14:10:37, Dur: 1609.83s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/31934, 0-22799/13:43:47-14:02:56
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

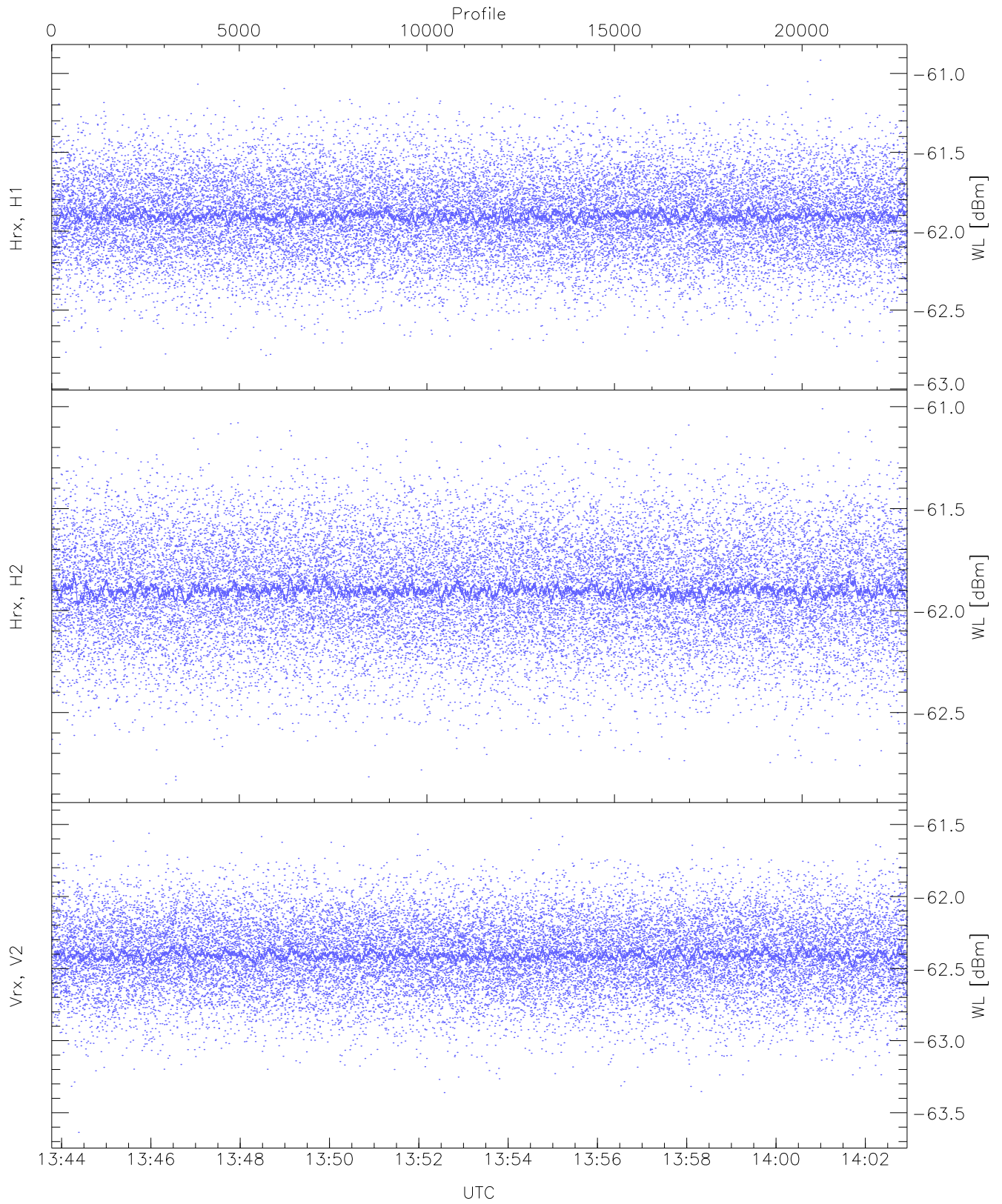
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,18,24,18,22
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,21,25
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,11,11,5)



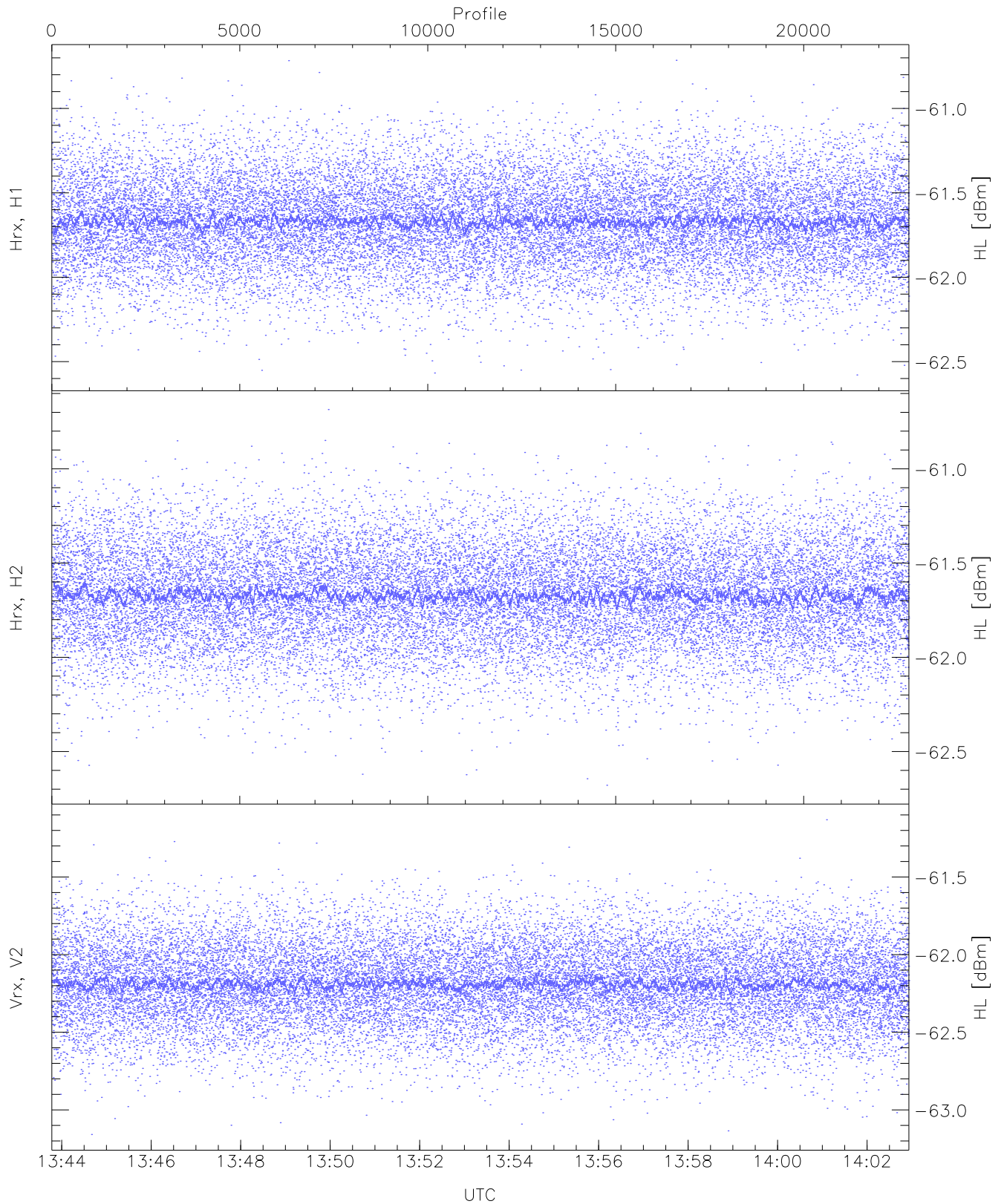
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2708 pixs, 15 gates, 2294 profs, 1 prods



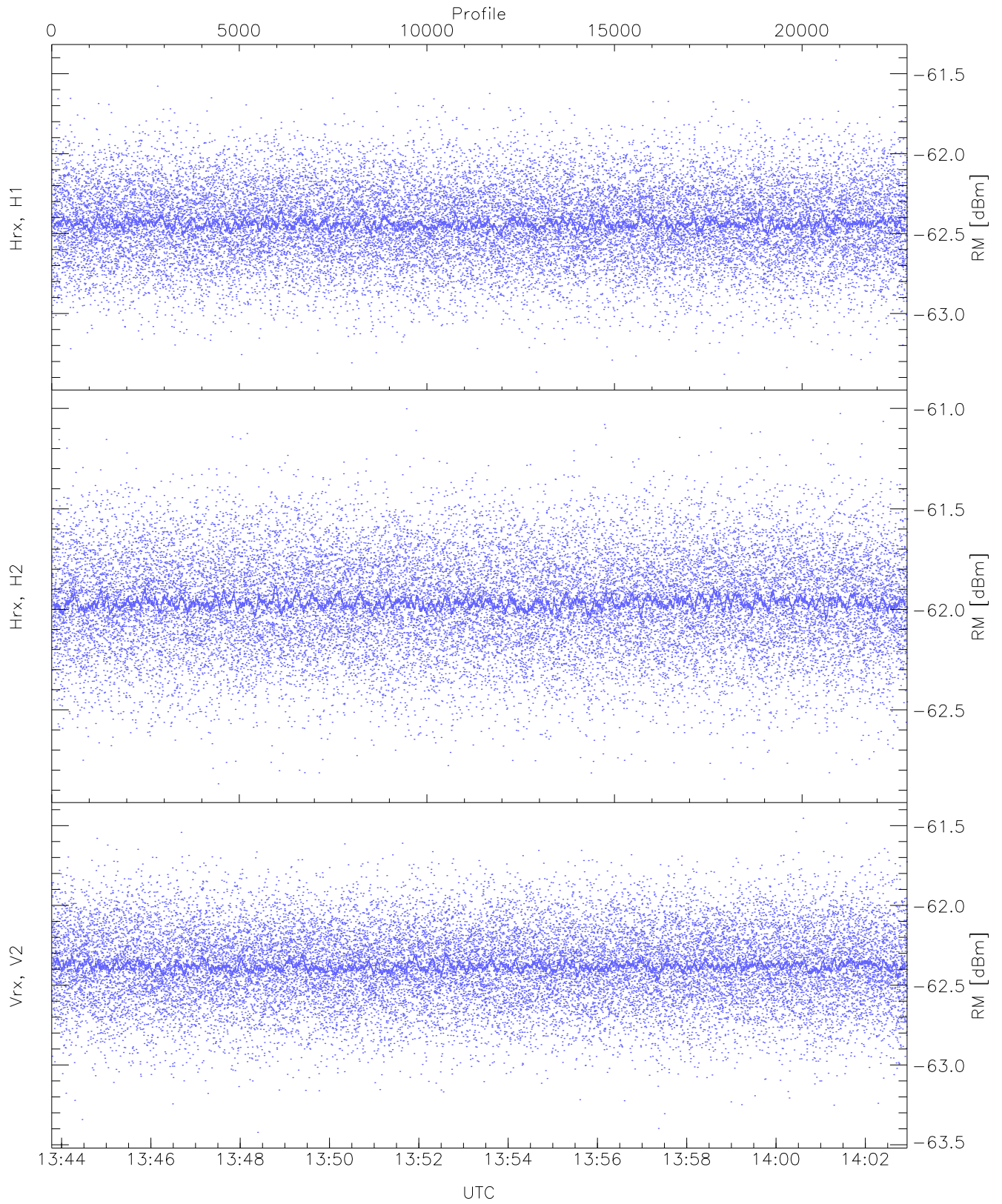
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.91	-60.92	-61.90	-61.90	-74.46
Hrx, H2 (WL [dBm])	-62.85	-61.01	-61.90	-61.90	-74.47
Vrx, V2 (WL [dBm])	-63.64	-61.46	-62.40	-62.41	-74.94



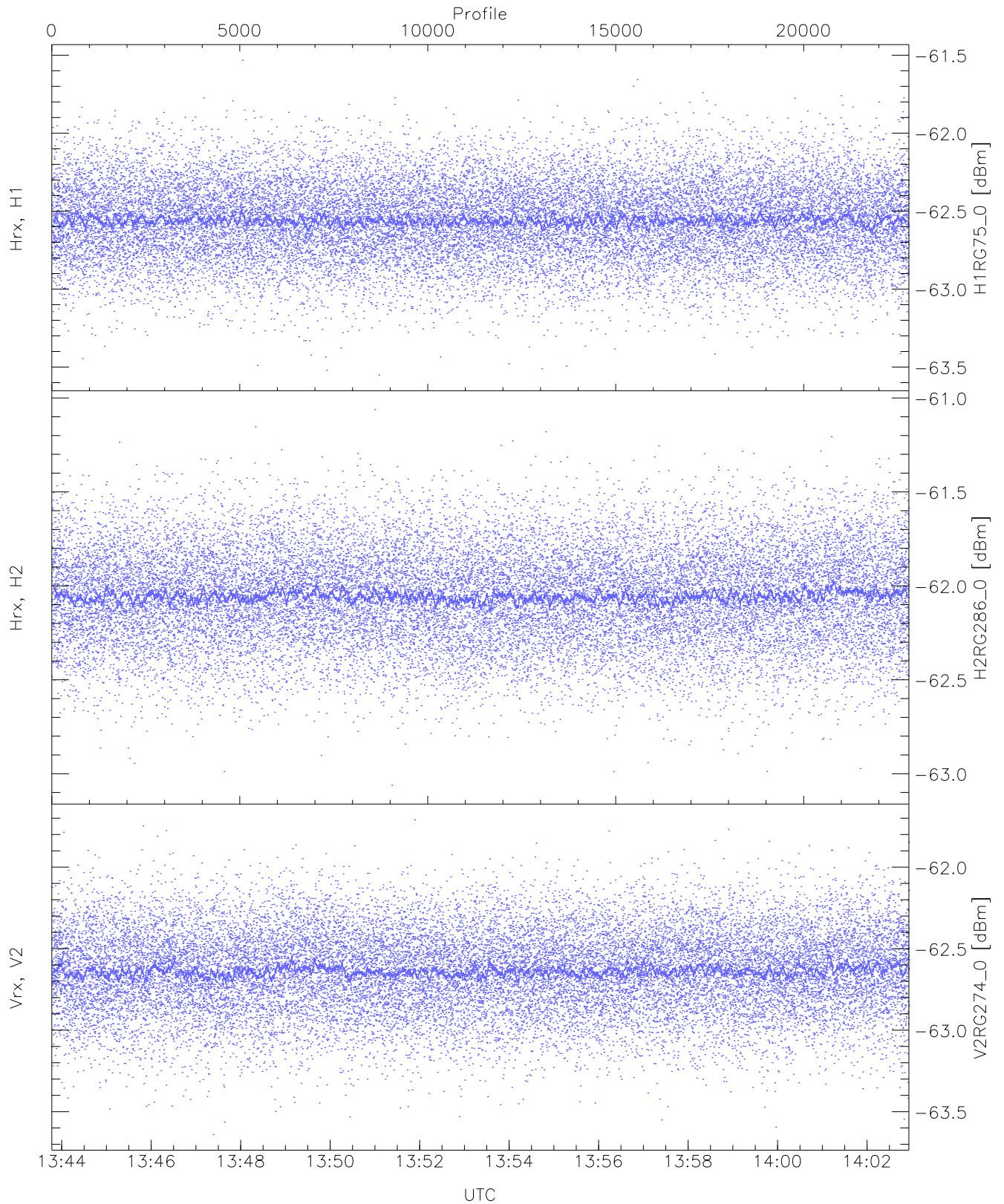
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.58	-60.71	-61.67	-61.67	-74.22
Hrx, H2 (HL [dBm])	-62.68	-60.69	-61.67	-61.67	-74.21
Vrx, V2 (HL [dBm])	-63.16	-61.13	-62.19	-62.19	-74.74



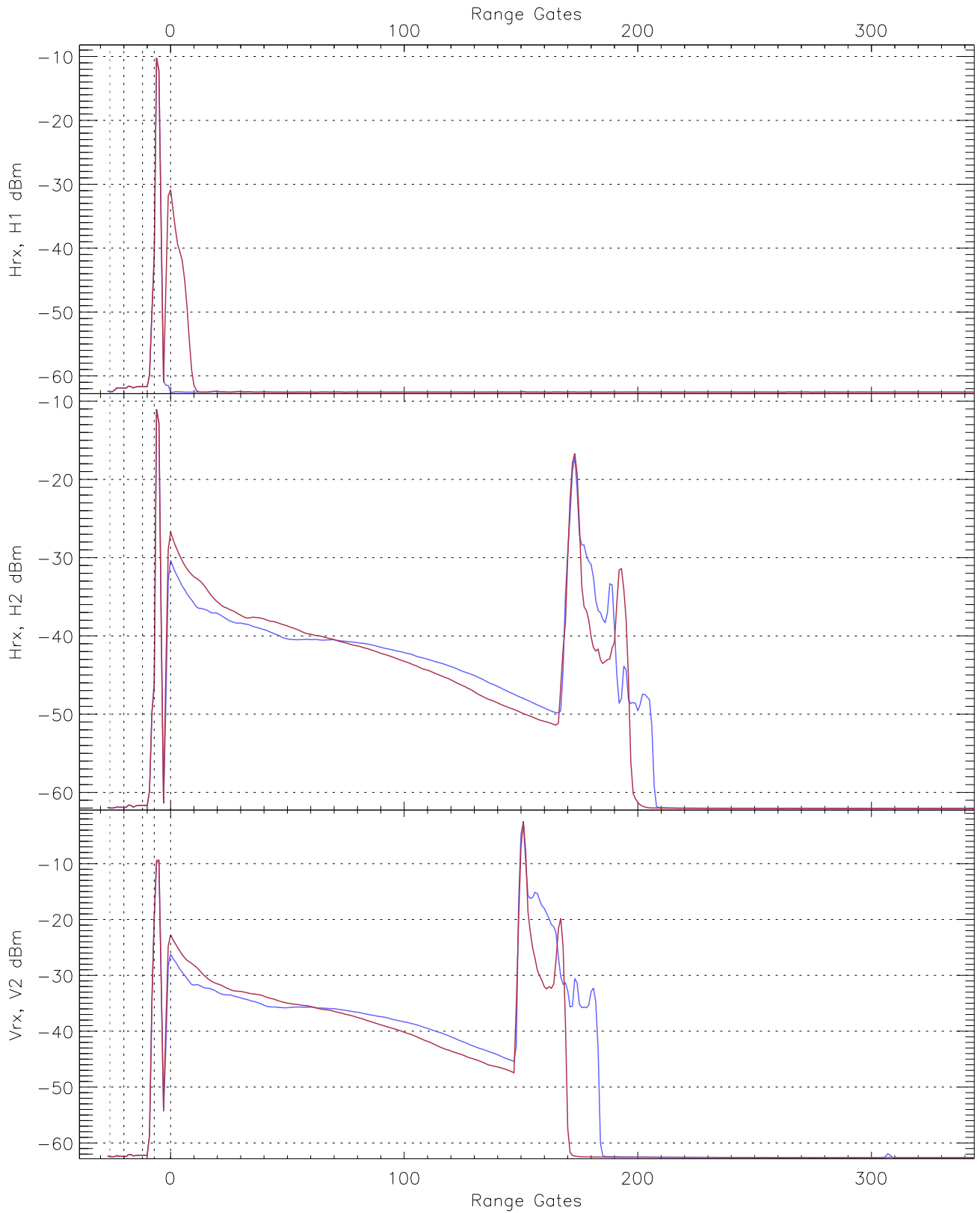
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.38	-61.42	-62.43	-62.44	-75.02
Hrx, H2 (RM [dBm])	-62.87	-61.00	-61.96	-61.97	-74.53
Vrx, V2 (RM [dBm])	-63.42	-61.45	-62.38	-62.38	-74.96

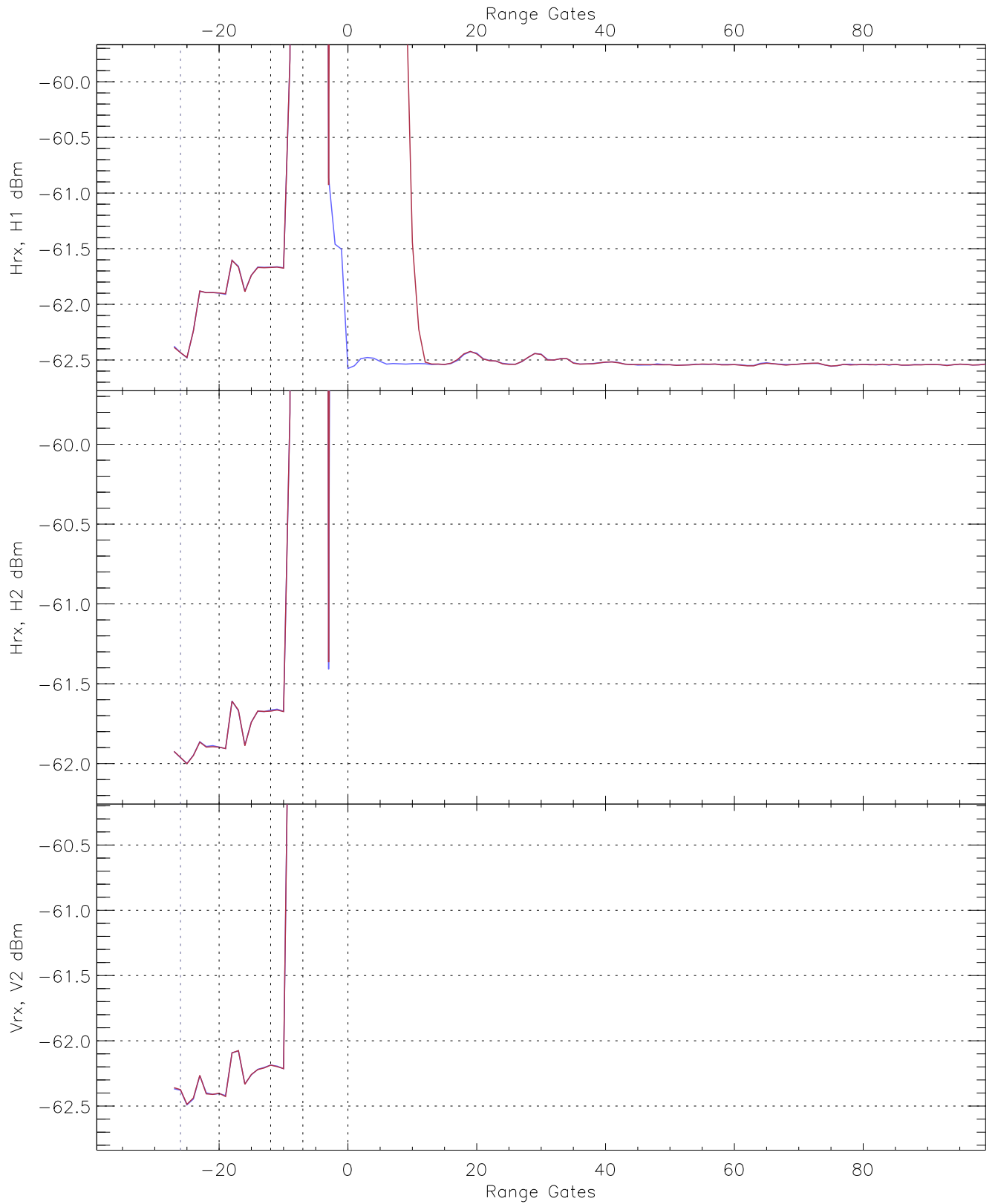


WCR2 CPP "Best" estimate Receivers Noise Power

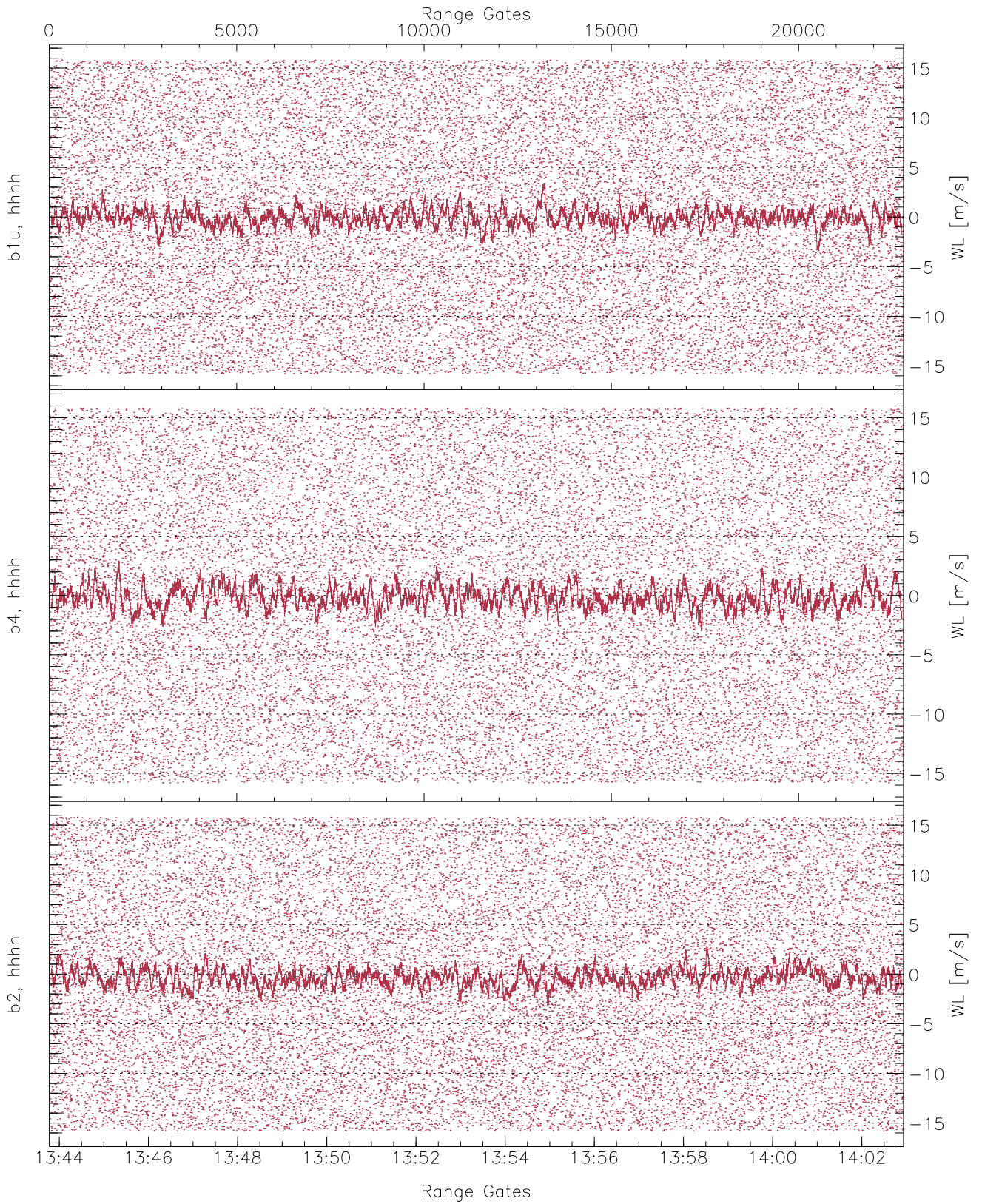
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.55	-61.53	-62.56	-62.56	-75.12
H2RG286_0 [dBm]	-63.06	-61.06	-62.05	-62.06	-74.58
V2RG274_0 [dBm]	-63.64	-61.71	-62.63	-62.64	-75.18



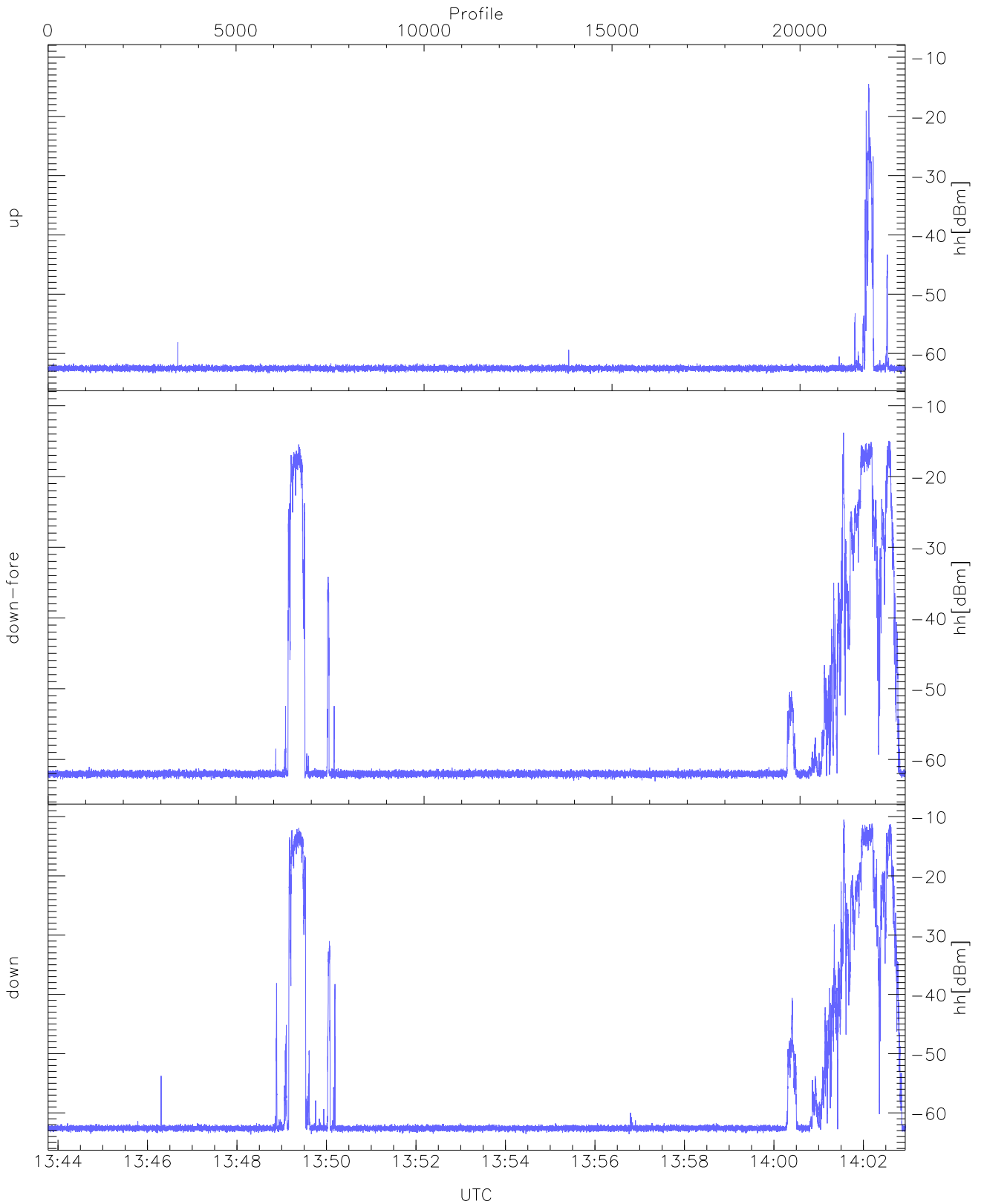
WCR2 CPP Averaged Received power for all recorded gates
blue: 134347-135321, 11401 profiles averaged
red: 135321-140256, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 134347-135321, 11401 profiles averaged
red: 135321-140256, 11400 profiles averaged

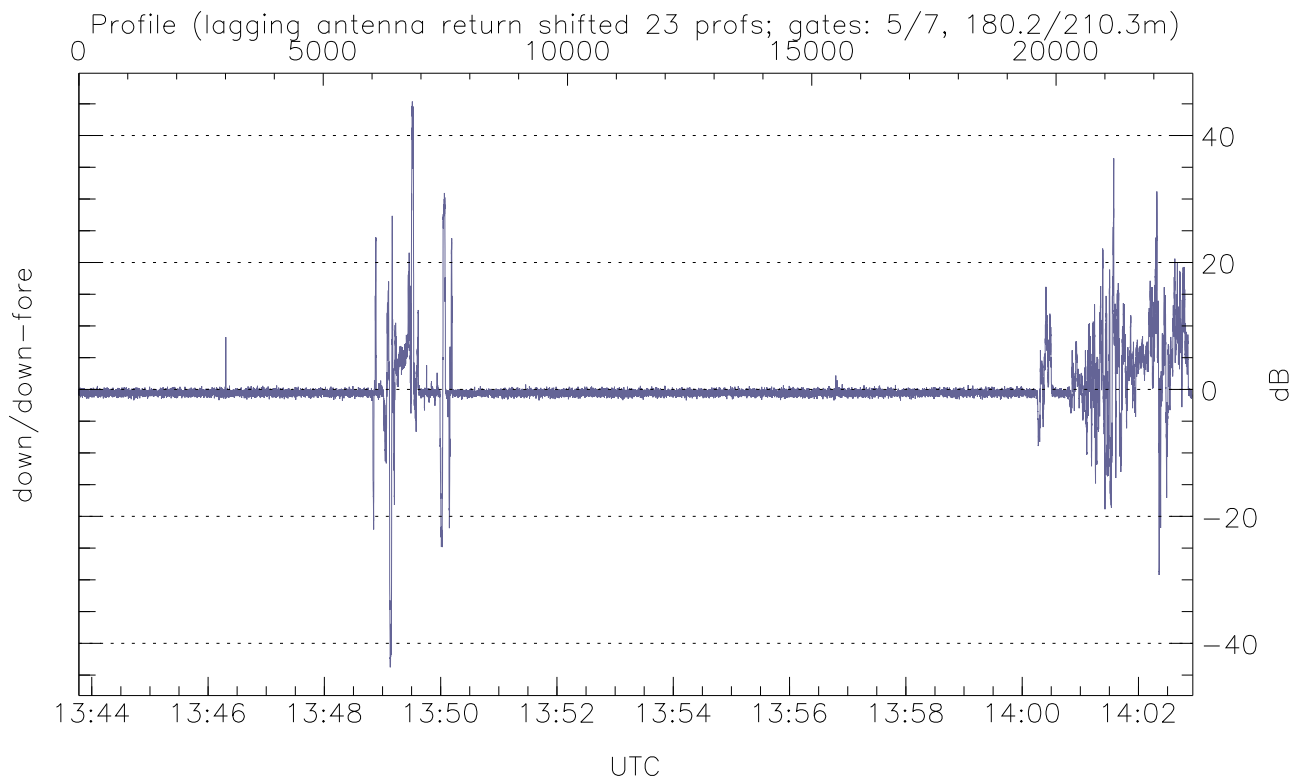
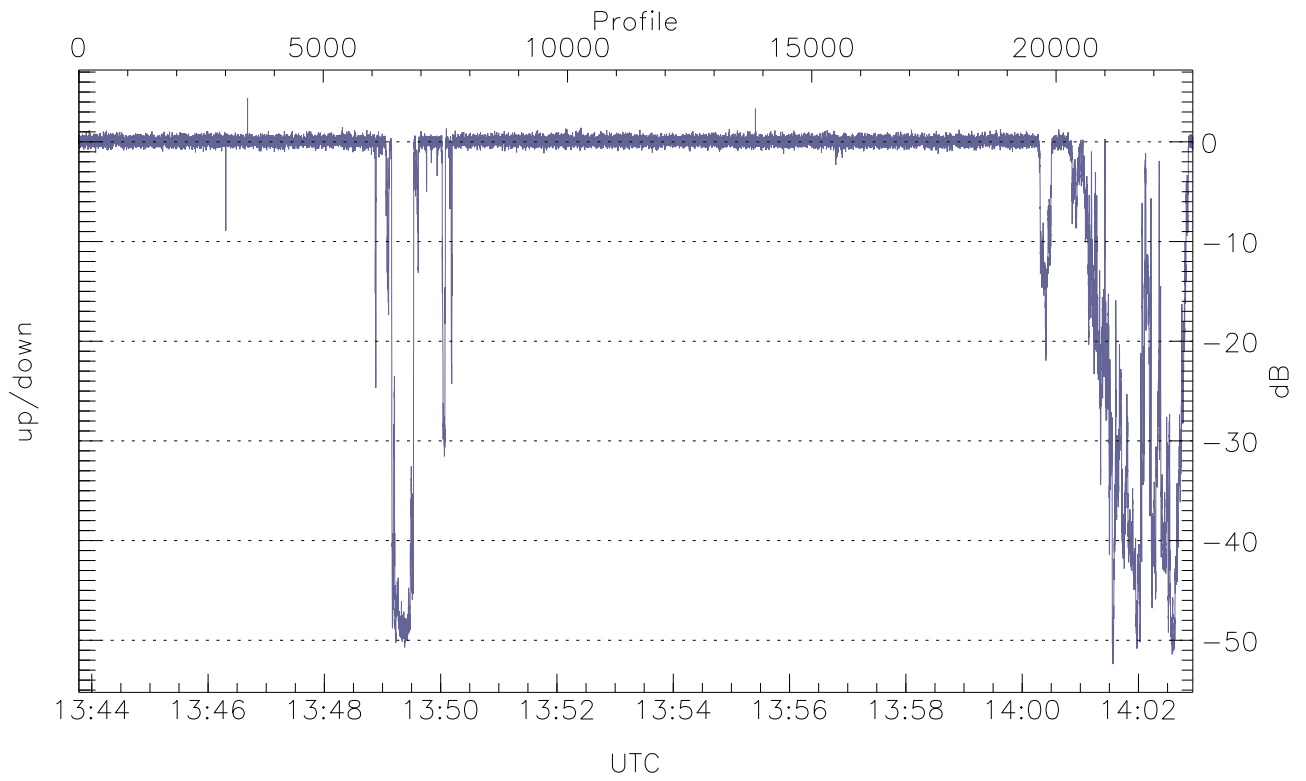


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



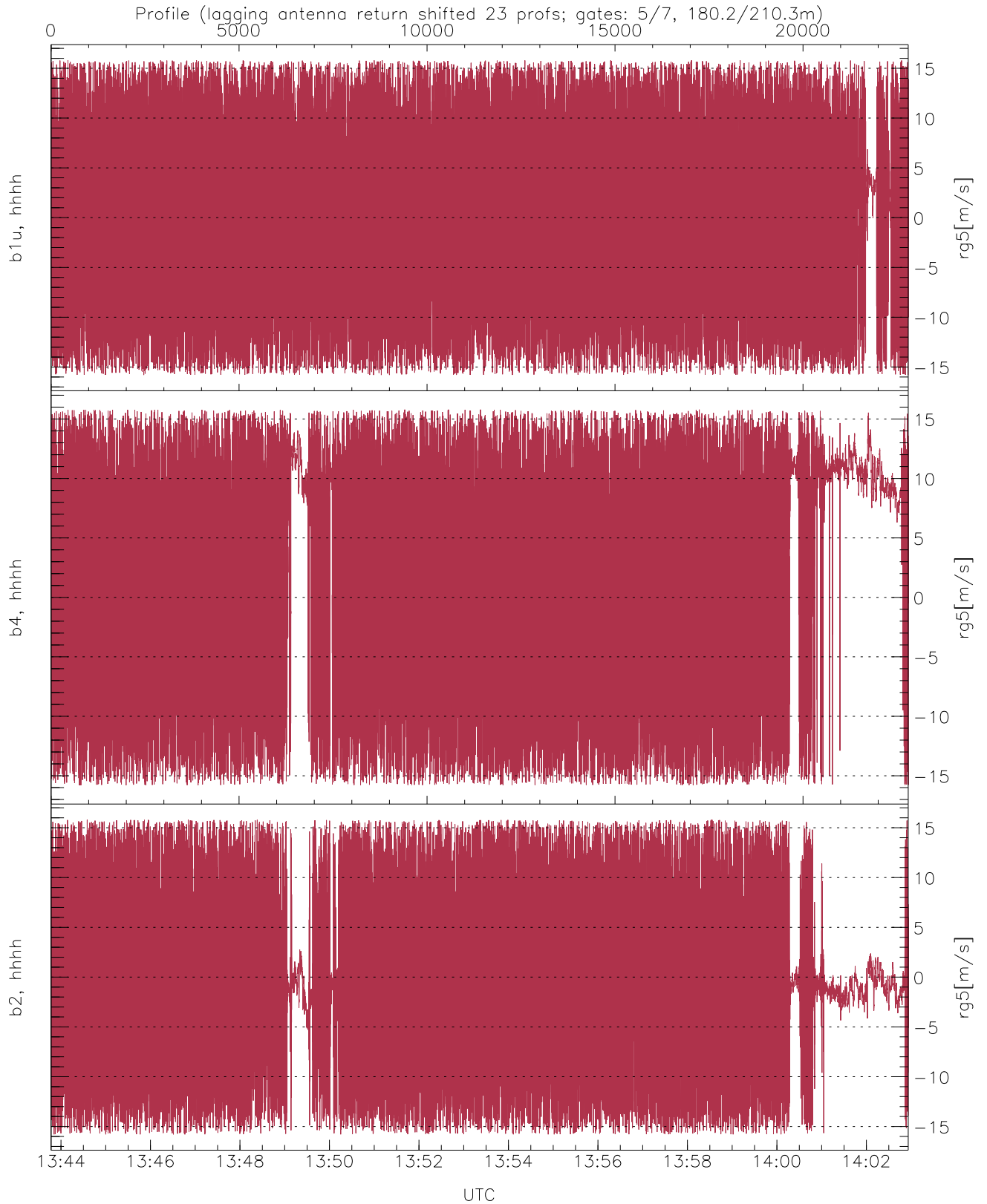
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.48	-14.54	-44.96
down-fore(hh[dBm])	-63.08	-13.80	-31.72
down(hh[dBm])	-63.64	-10.53	-27.59



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-52.39	4.37	-3.88
down/down-fore (dB)	-43.78	45.36	0.12



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.06	8.97
b4, hhhh(rg5[m/s])	-15.80	15.80	1.38	9.21
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.52	8.28