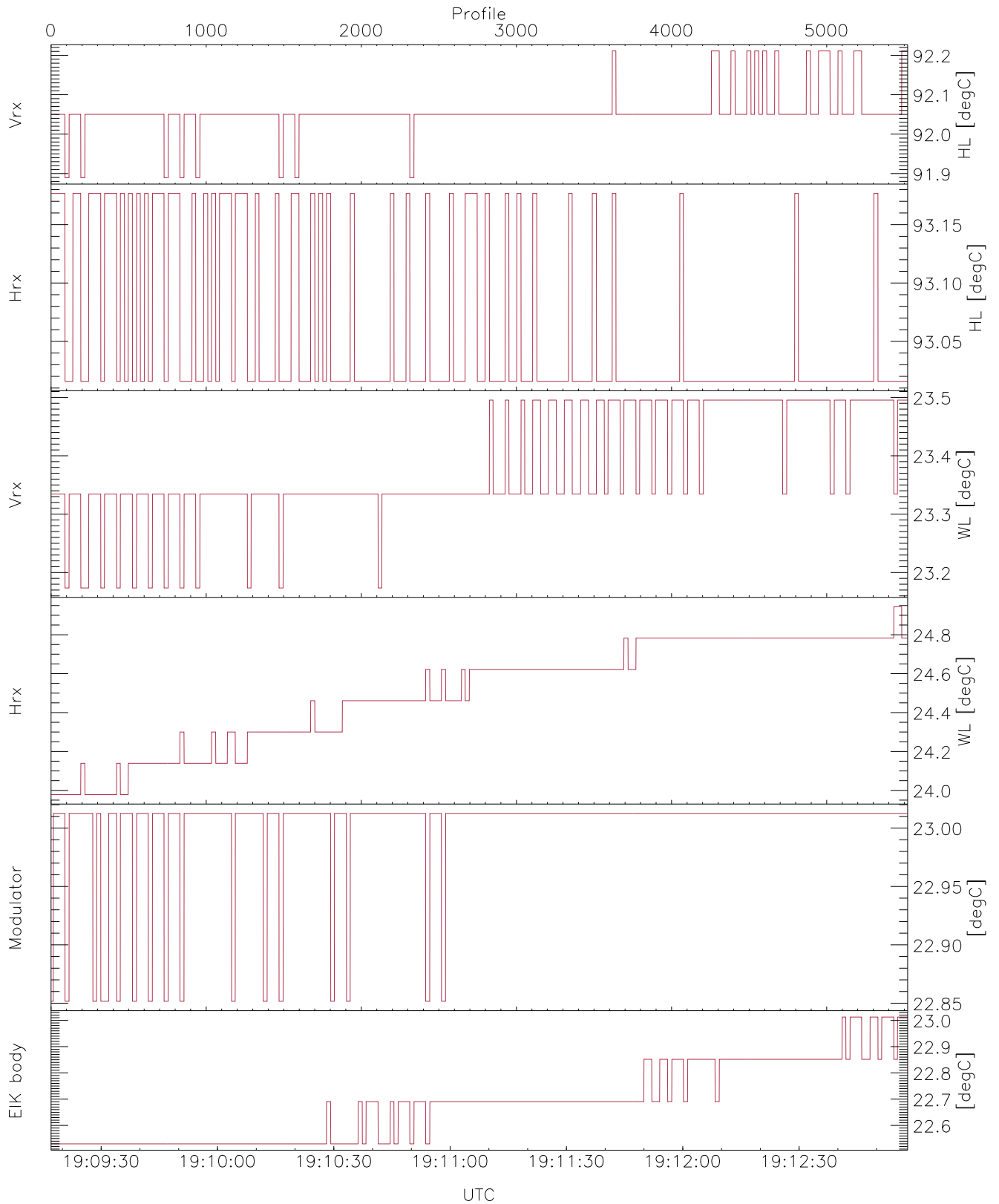


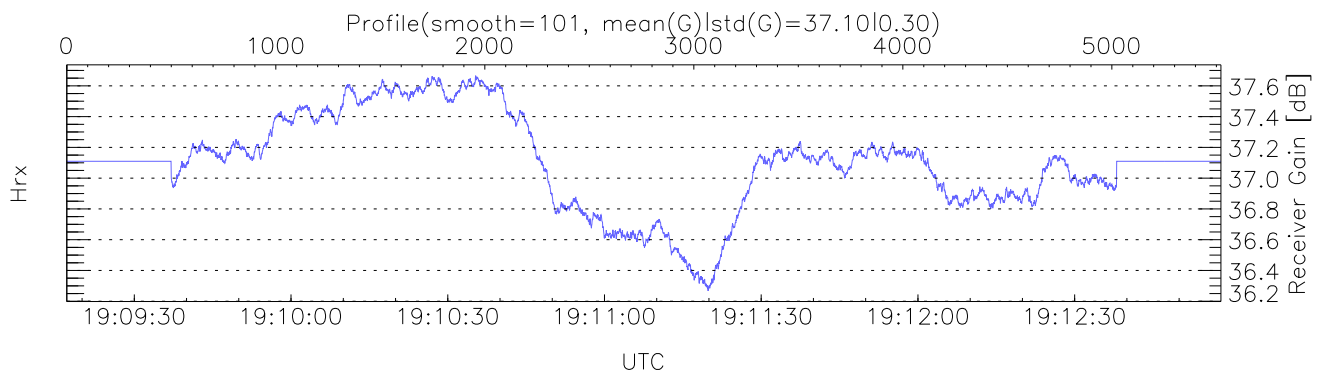
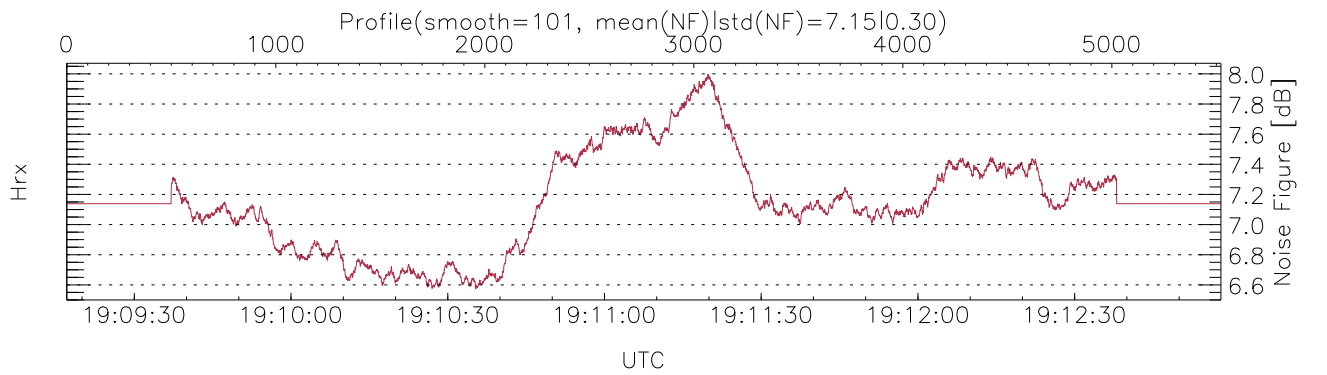
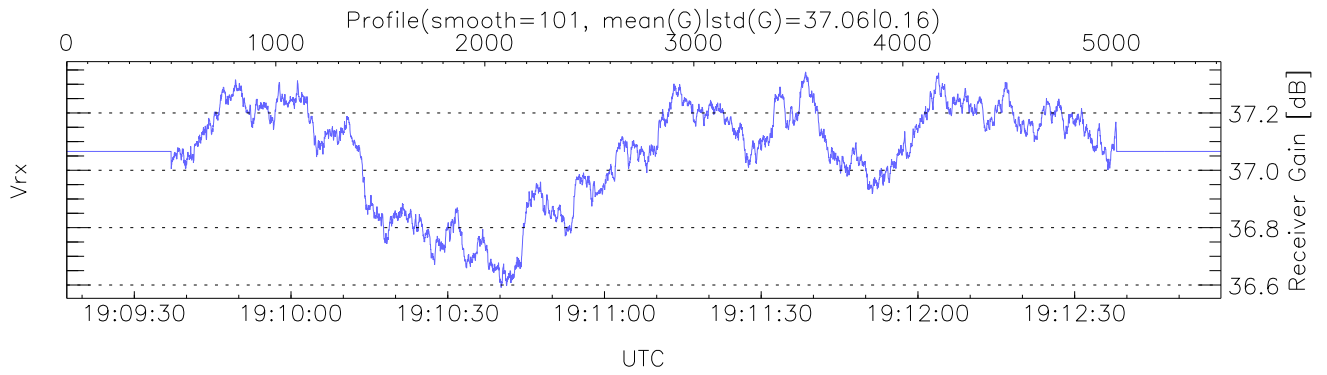
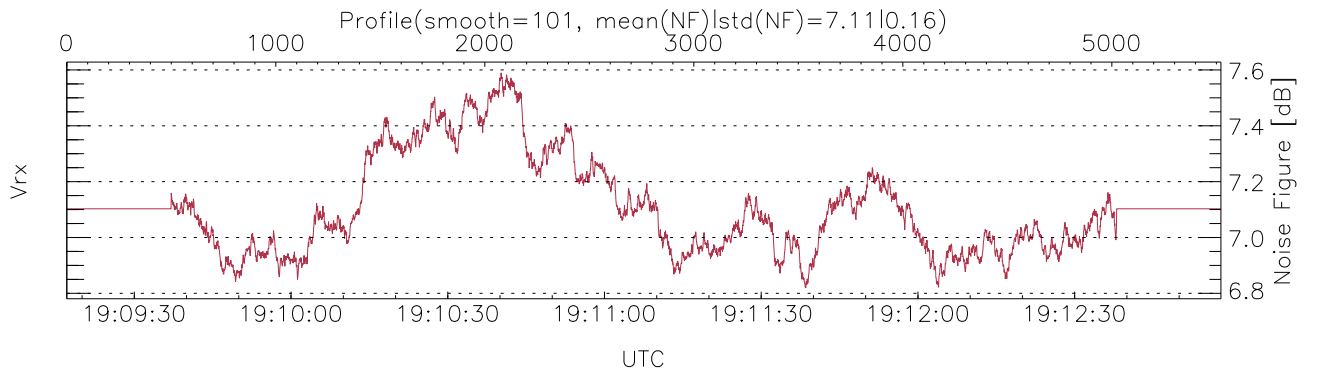
WCR3 SPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:09:17-19:12:58, TimeCor: 0.00s, Dur: 220.94s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 40.0,40.0,40.0,0.0 ms / 25.0,25.0,25.0
 NumRec(r/t): 5523/5523, 0-5522/19:09:17-19:12:58
 AcqTime: 40.0ms, Rate: 0.296MB/s, Averages (req.,actual): 200,200
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1
 PRF: 10.0 KHz, IGS: 100us
 Range(min,max,rgs): 94, 2998, 7.5 m, Gates: 388, Aspect: 2.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



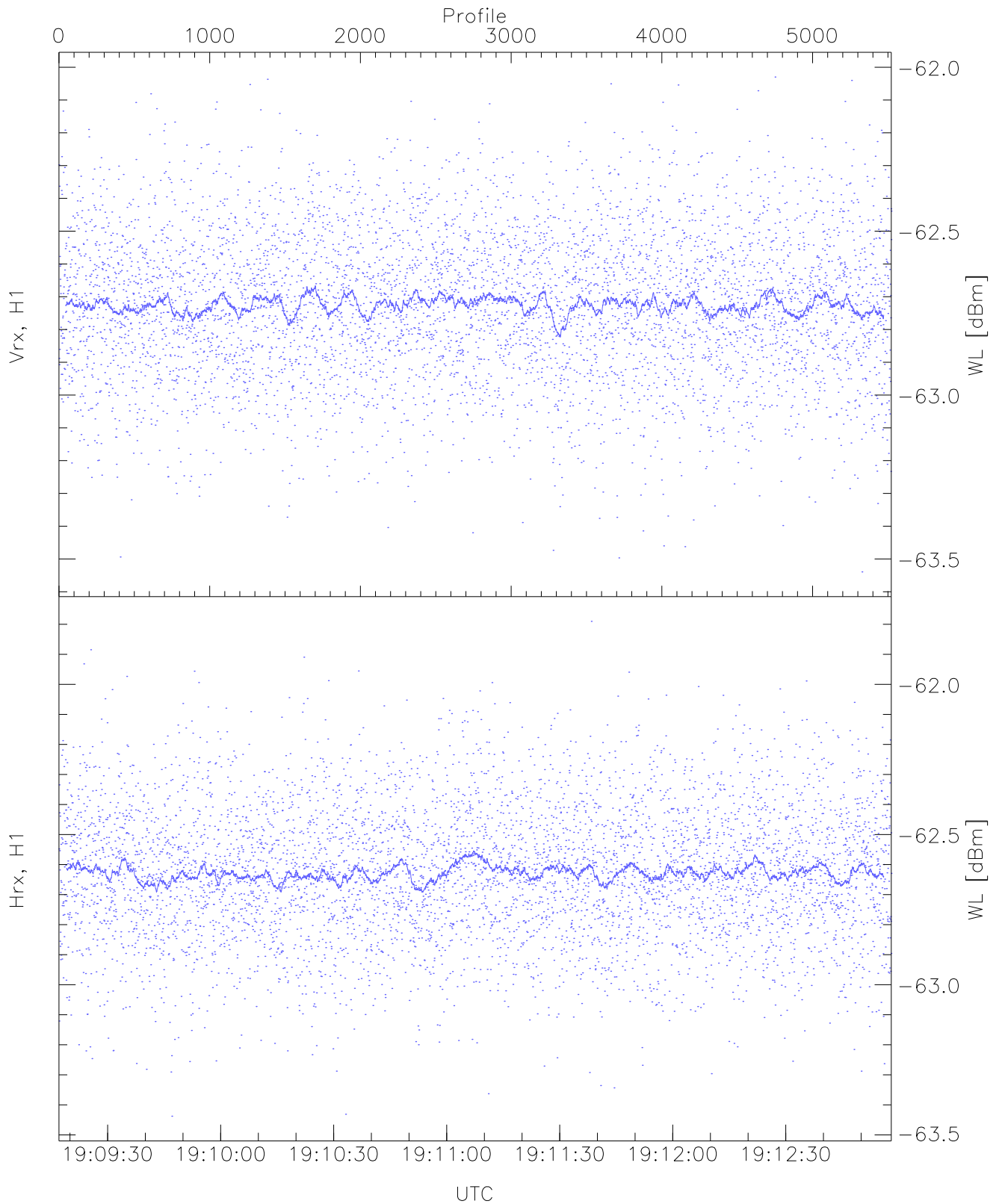
WCR3 SPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,23,22,22
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,23,24,23,23
 LOalarm(20,240,2817,14861 MHz): None
 EIK/Modulator Faults: None



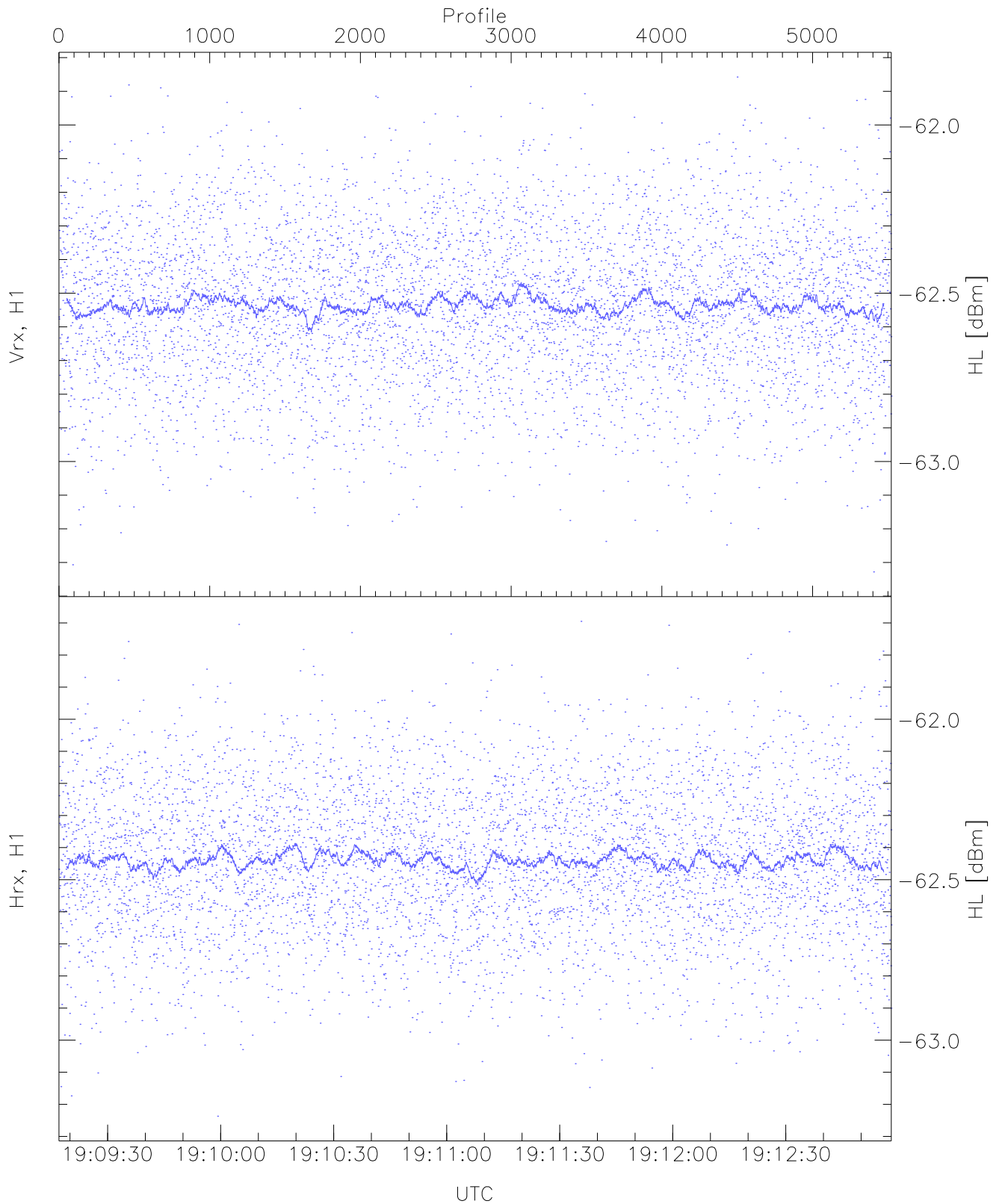
WCR3 SPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



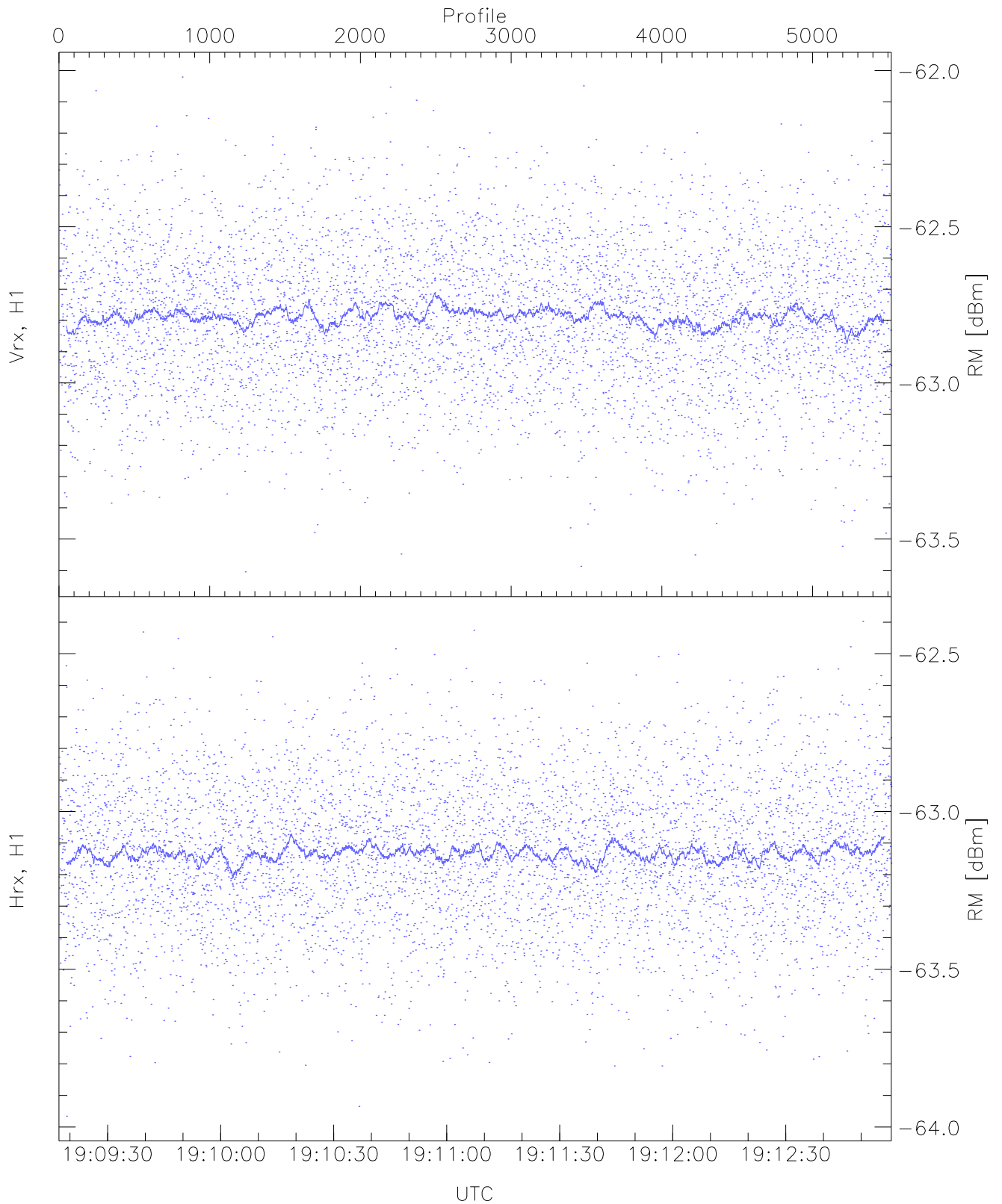
WCR3 SPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, H1(WL [dBm])	-63.54	-62.03	-62.72	-62.73	-75.73
Hrx, H1(WL [dBm])	-63.44	-61.79	-62.62	-62.63	-75.66



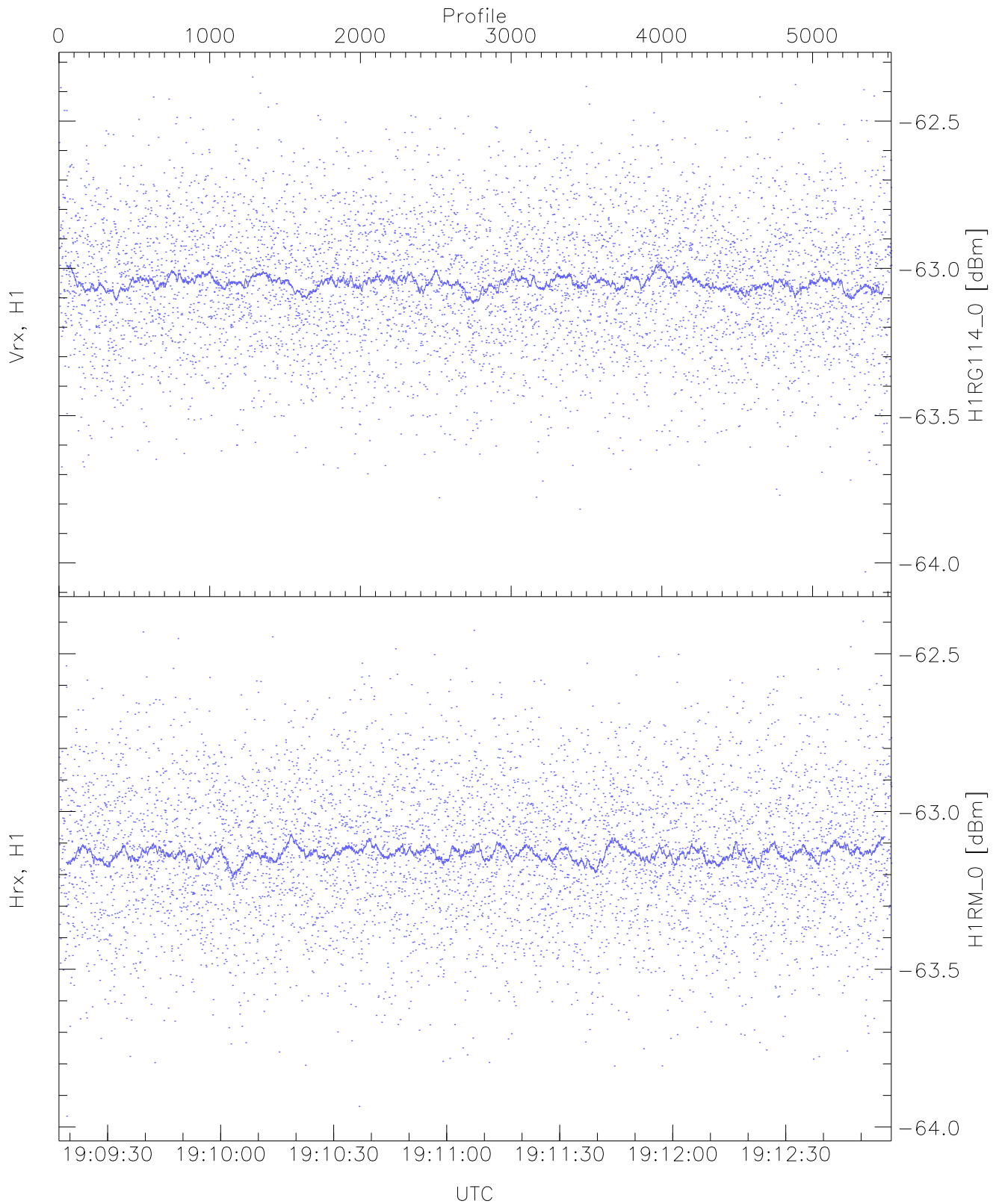
WCR3 SPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, H1(HL [dBm])	-63.33	-61.86	-62.53	-62.53	-75.56
Hrx, H1(HL [dBm])	-63.24	-61.70	-62.44	-62.44	-75.45



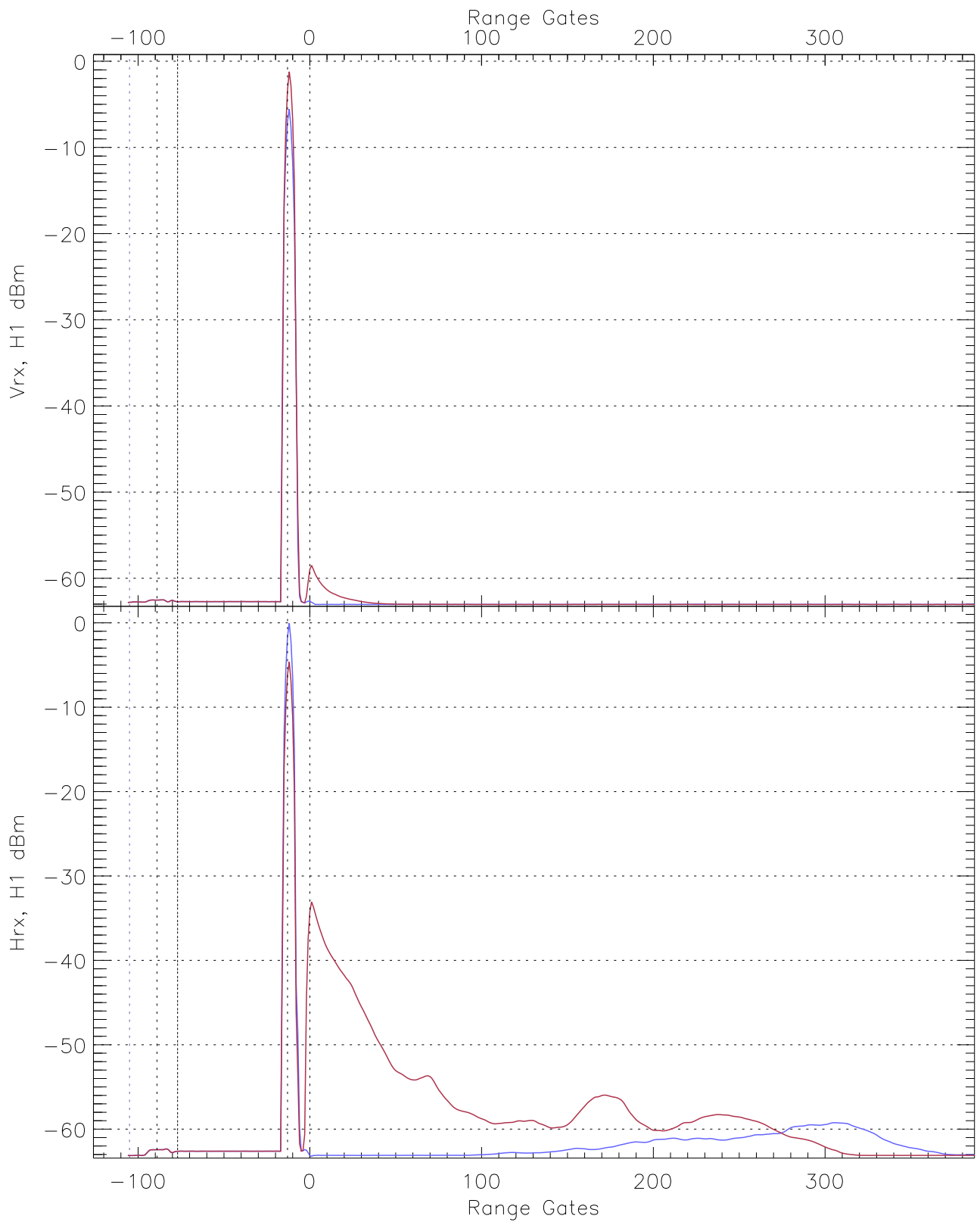
WCR3 SPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, H1(RM [dBm])	-63.61	-62.02	-62.78	-62.79	-75.77
Hrx, H1(RM [dBm])	-63.97	-62.40	-63.13	-63.14	-76.13

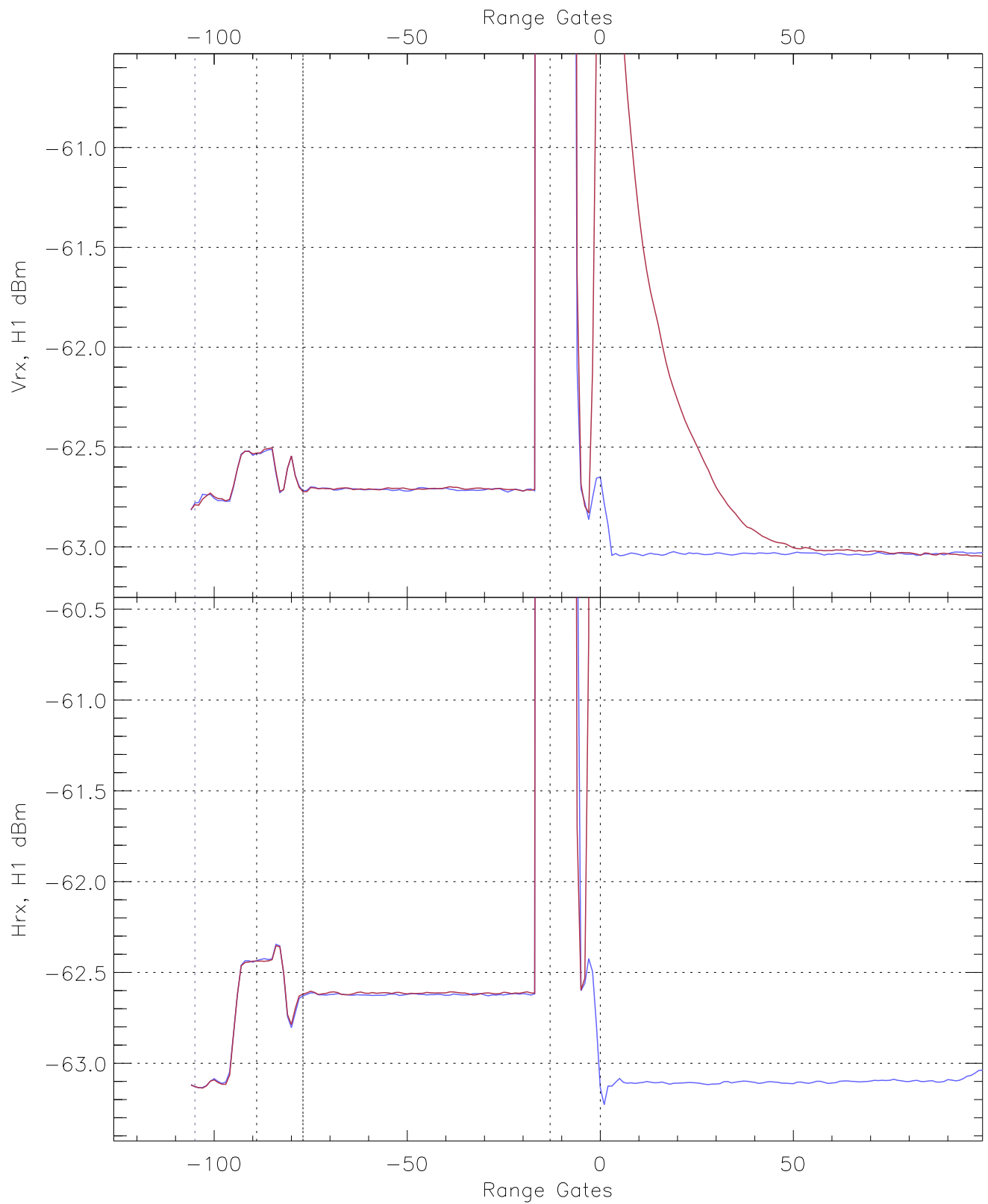


WCR3 SPP "Best" estimate Receivers Noise Power

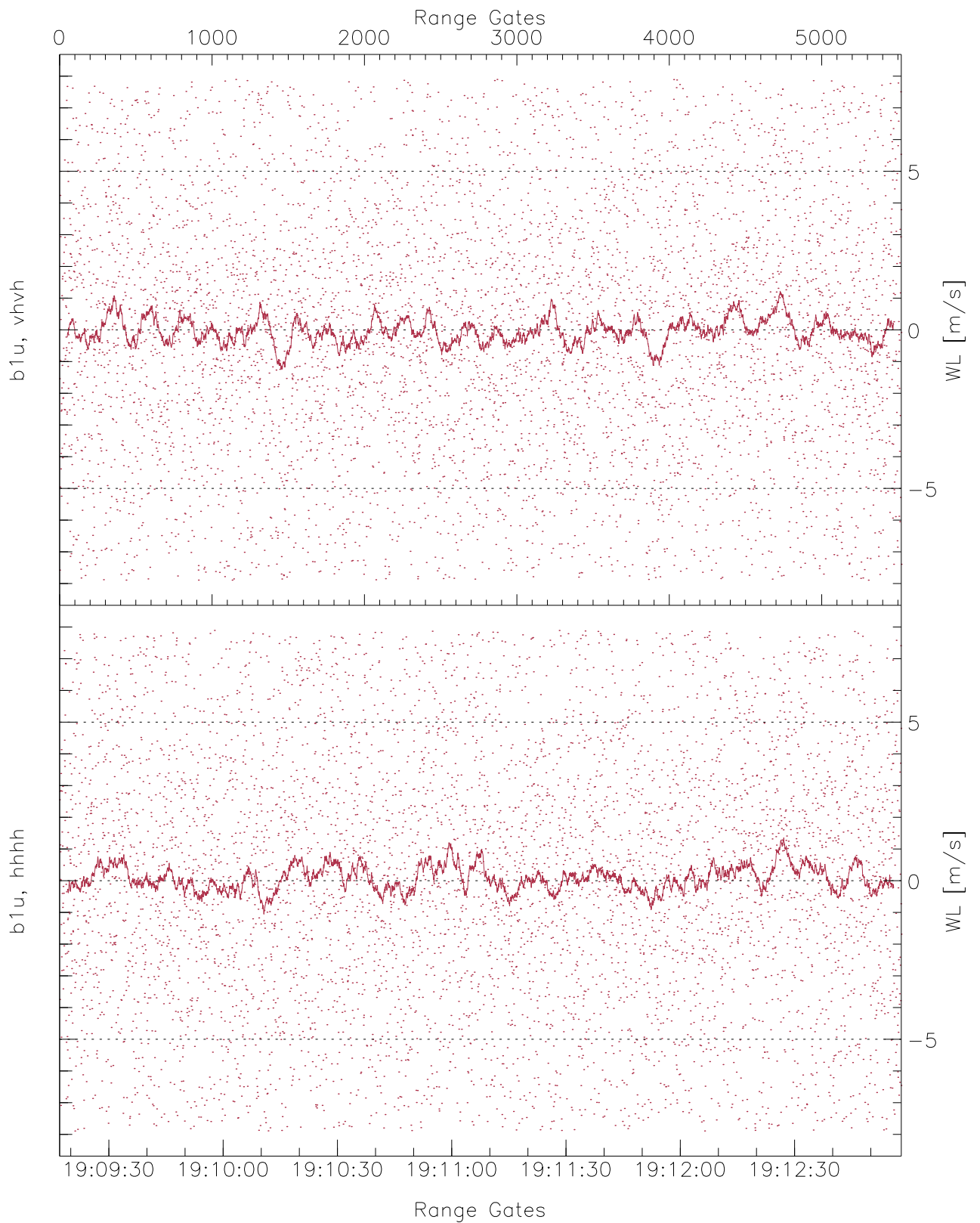
	Min	Max	Mean	Median	StDev
H1RG114_0 [dBm]	-64.03	-62.35	-63.05	-63.05	-76.04
H1RM_0 [dBm]	-63.97	-62.40	-63.13	-63.14	-76.13



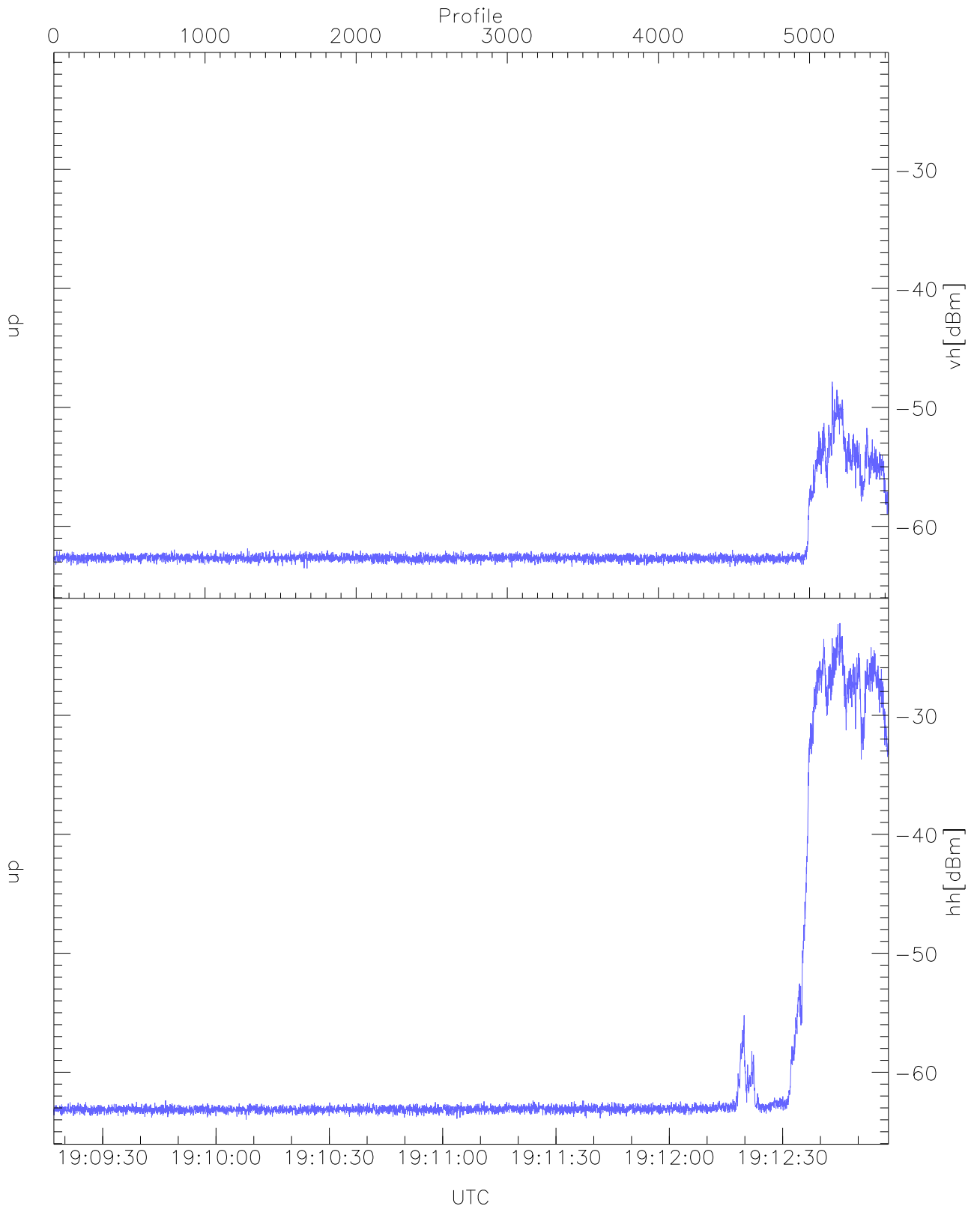
WCR3 SPP Averaged Received power for all recorded gates
blue: 190917-191108, 2762 profiles averaged
red: 191108-191258, 2762 profiles averaged



WCR3 SPP Averaged Received power for the negative gates and up to 100 gates
 blue: 190917-191108, 2762 profiles averaged
 red: 191108-191258, 2762 profiles averaged

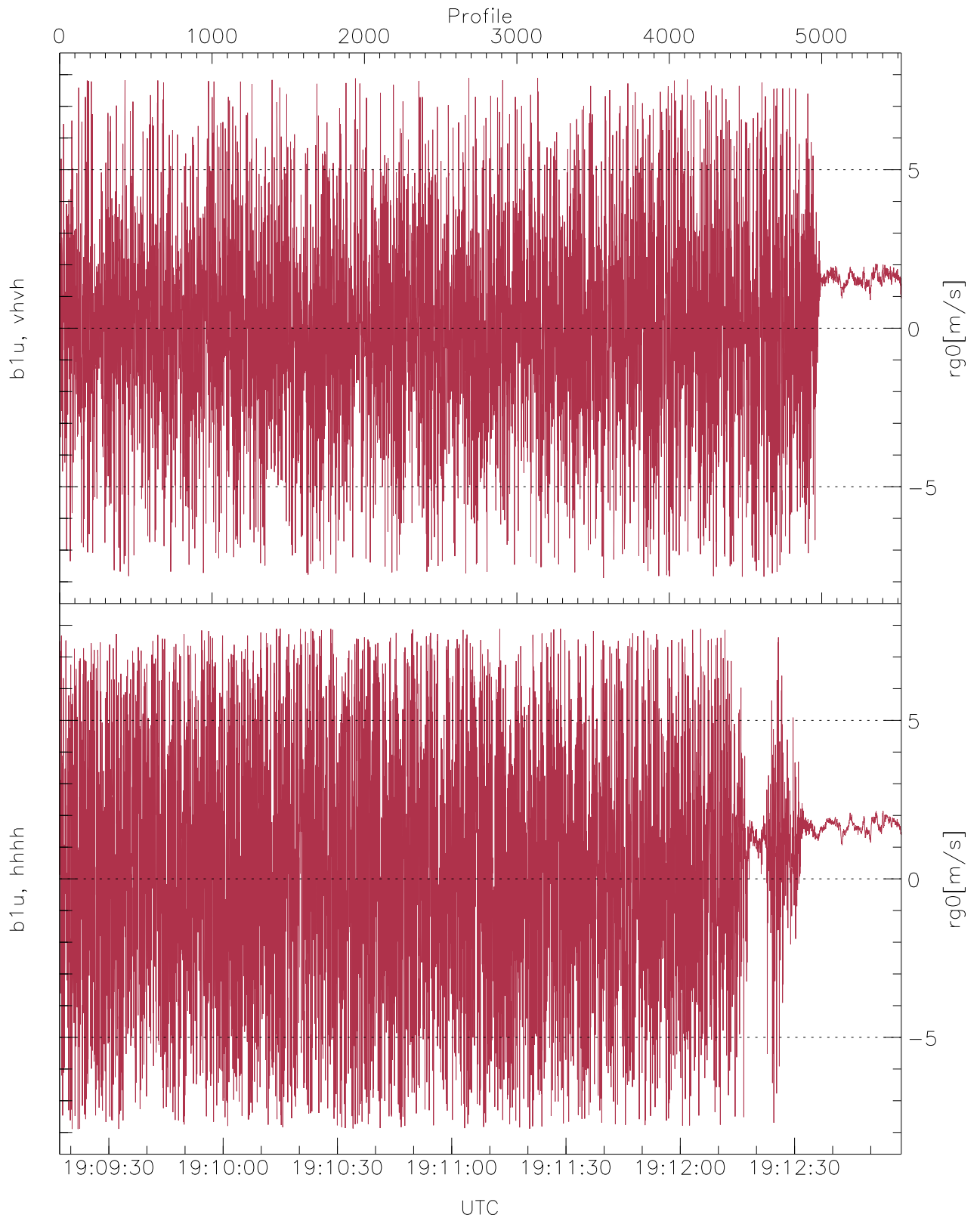


WCR3 SPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 SPP Received Power Products for Range gate 0 (94.0 m)

	Min	Max	Mean
up(vh[dBm])	-63.54	-47.85	-60.44
up(hh[dBm])	-63.97	-22.25	-37.24



WCR3 SPP Doppler Velocity Products at 94.0 m range

	Min	Max	Mean	StDev
b1u, vvh(rg0[m/s])	-7.88	7.90	0.11	3.01
b1u, hhh(rg0[m/s])	-7.89	7.90	0.38	3.71