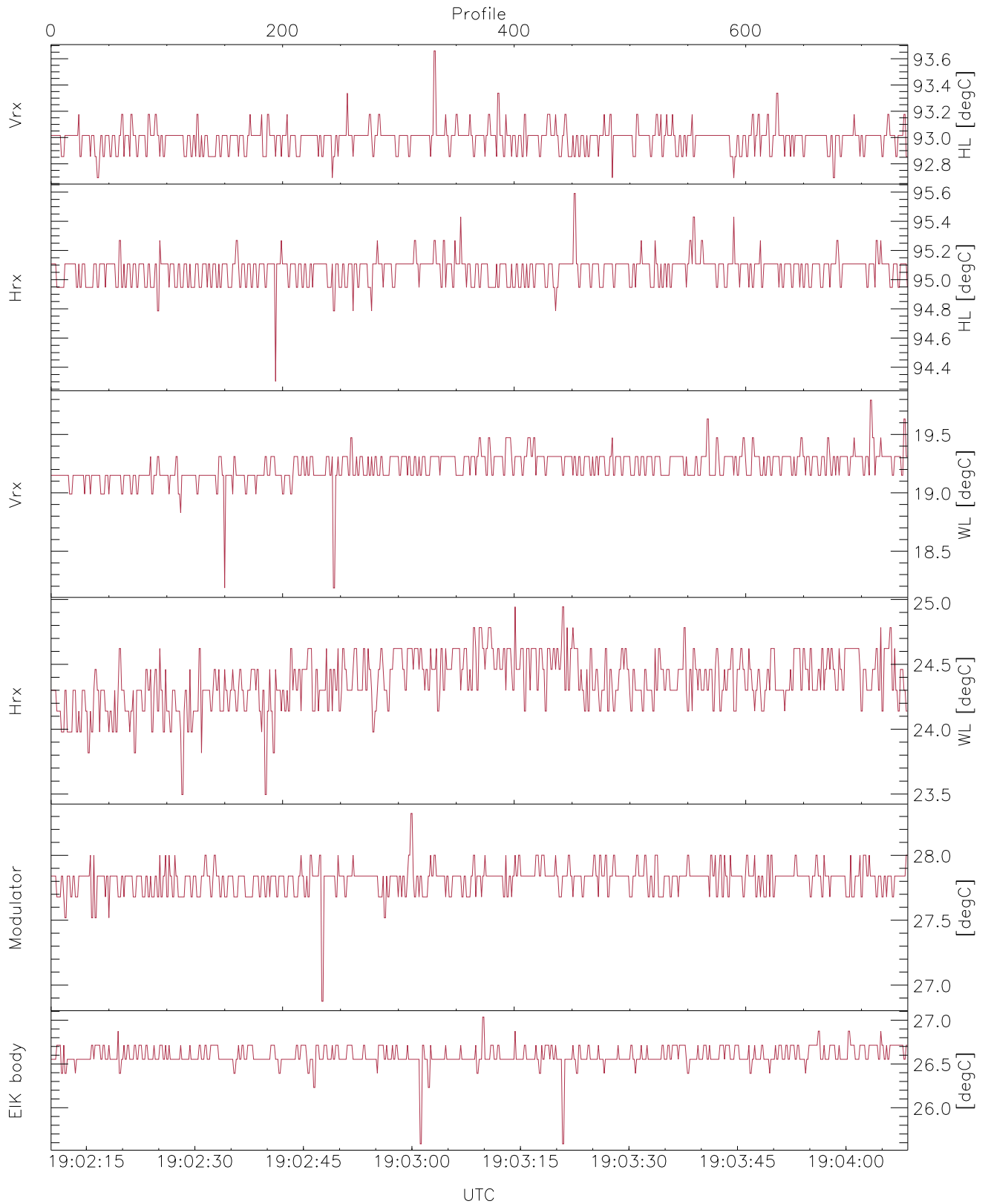


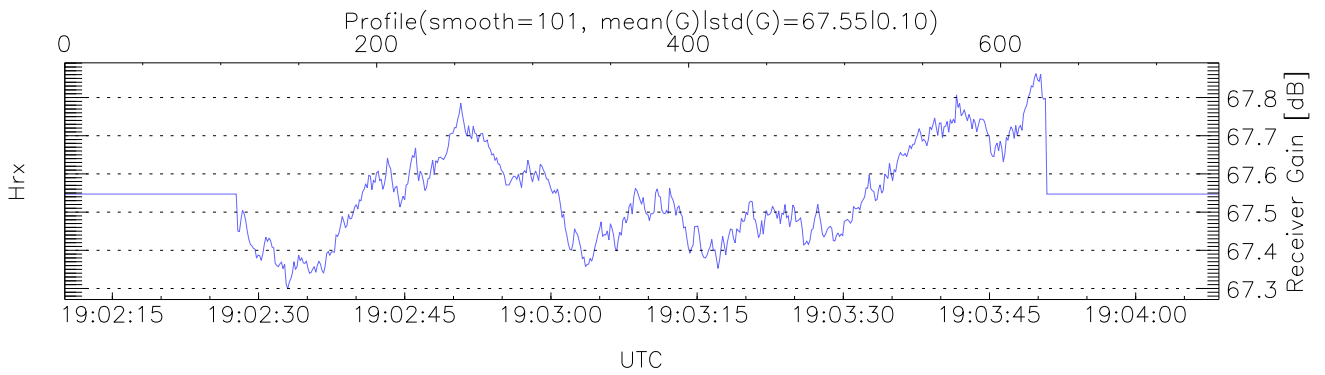
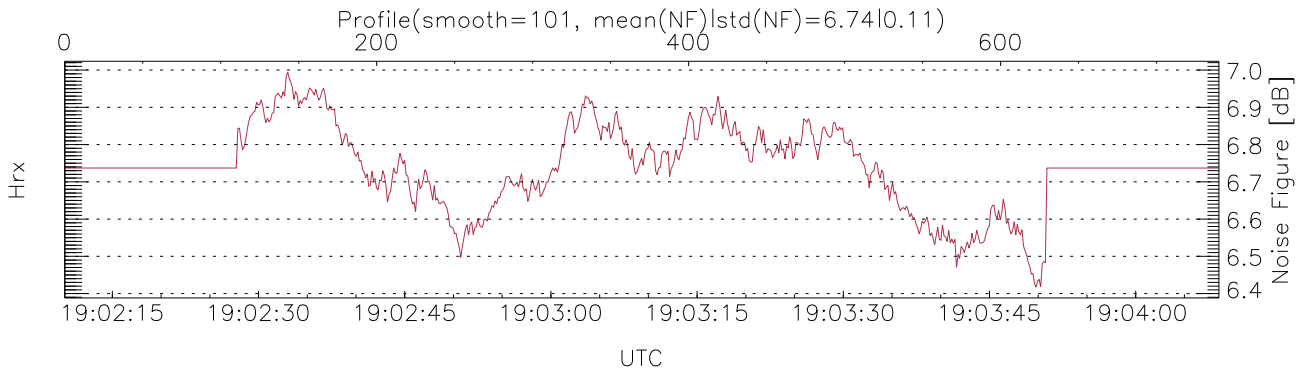
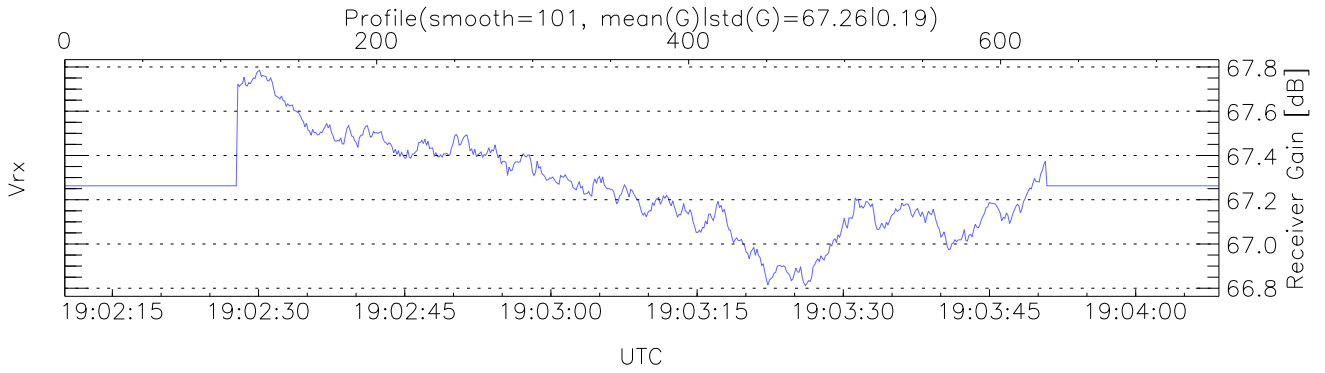
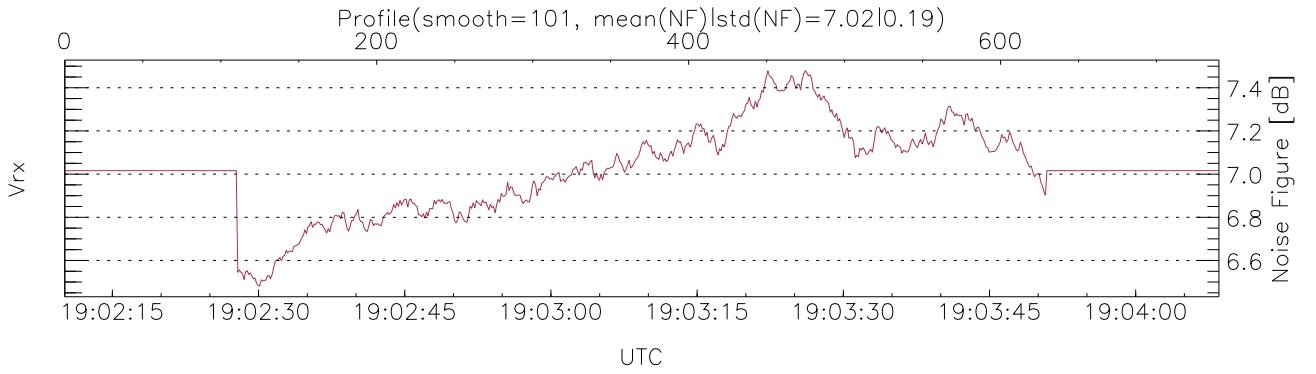
WCR2 SPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

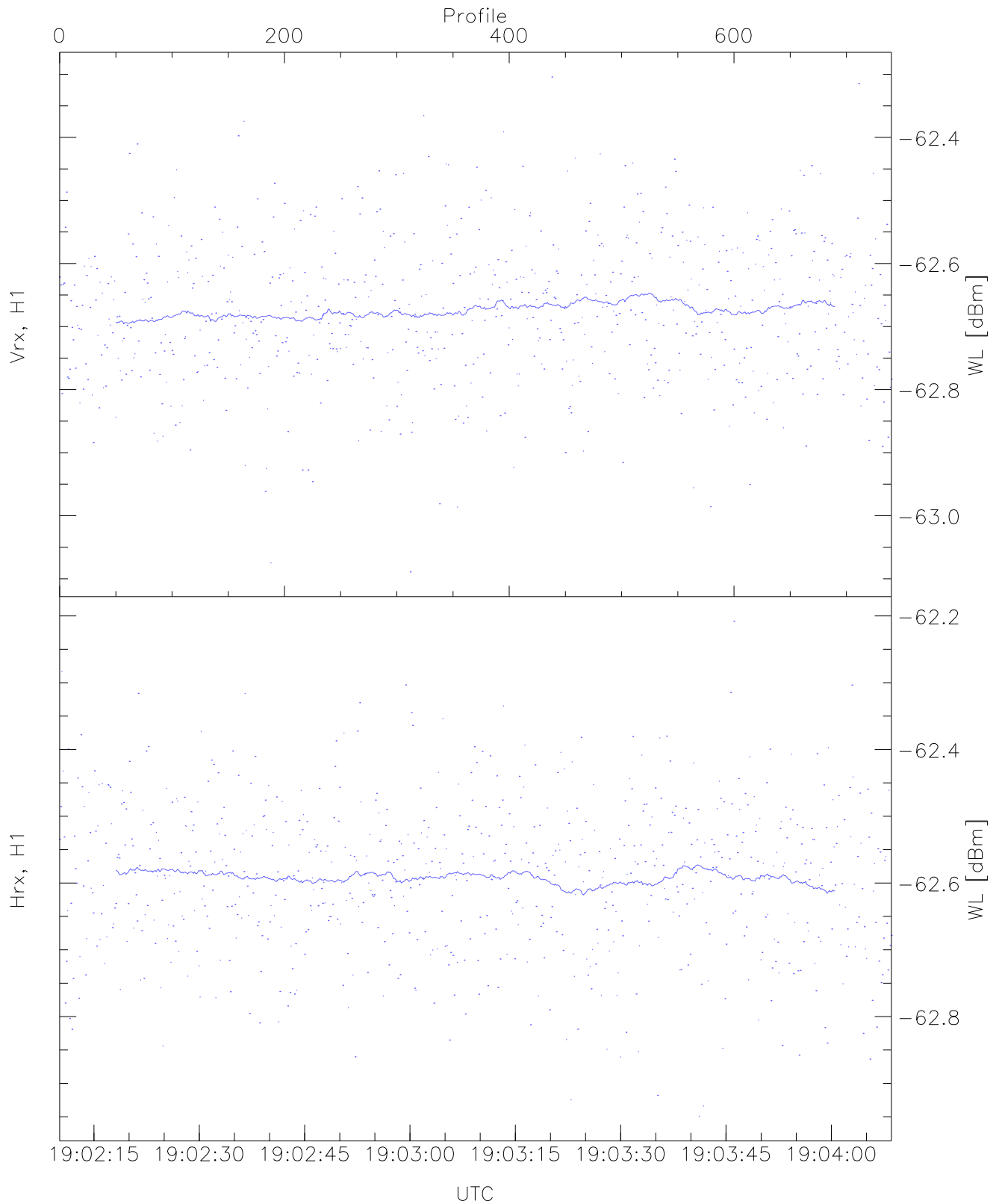
UTC: 19:02:10-19:04:09, Dur: 118.43s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 160.0,160.0,160.0,0.0 ms / 6,6,6  
 NumRec(r/t): 741/741, 0-740/19:02:10-19:04:09  
 AcqTime: 160.0ms, Rate: 75KB/s, Averages: 200  
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1  
 PRF: 10.0 KHz, IGS: 100us  
 Range(min,max,rgs): 97,3349,7.5 m, Gates: 434, Aspect: 0.4



WCR2 SPP Temperature Monitor: Hot Loads, Warm Loads, Modulator Body, EIK Body

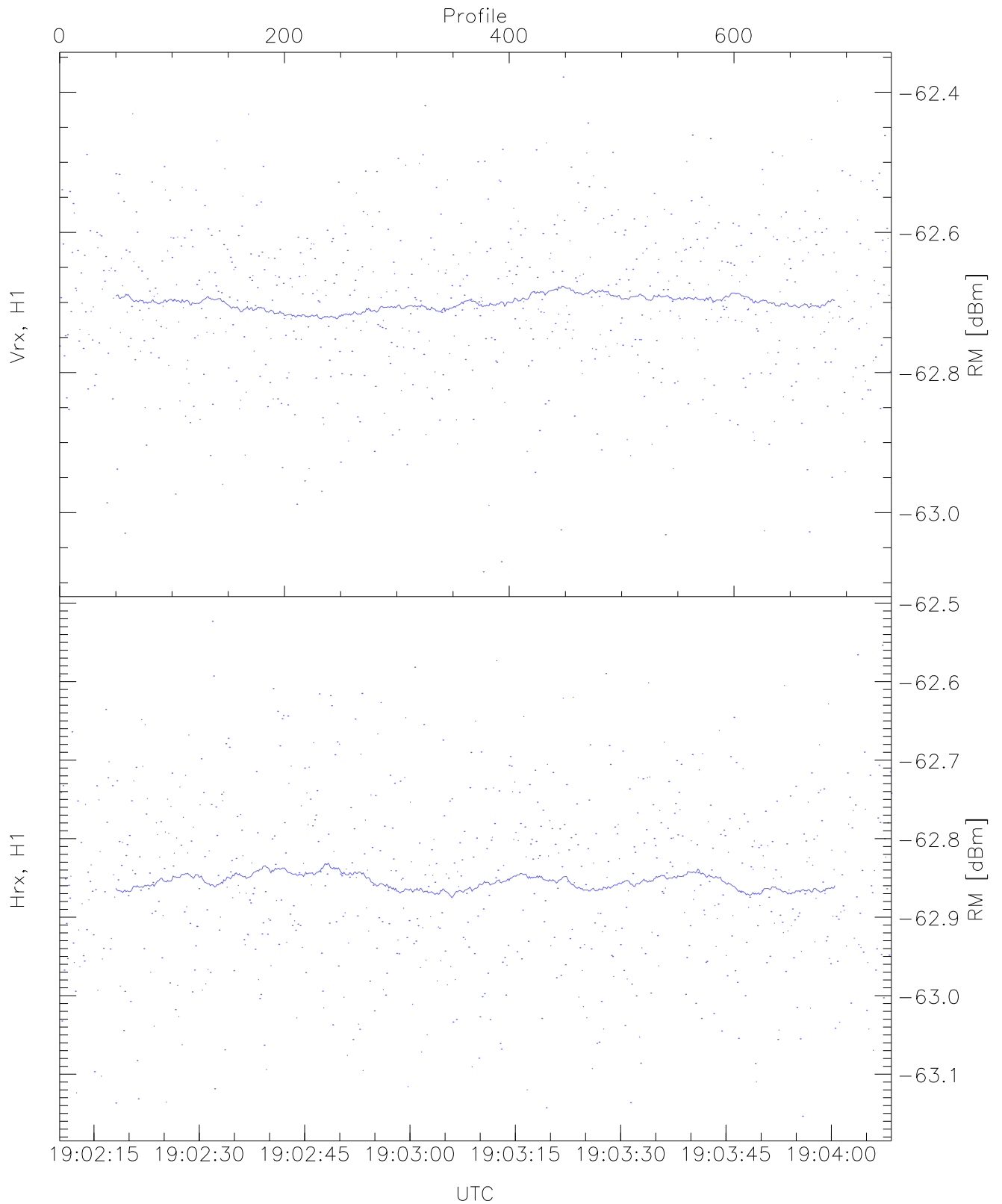
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,23,26,25  
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,19,24,28,27  
 LOalarm(20,80,240,2.8,14.8 MHz): 0,0,0,1,0  
 EIK/Modulator Faults: None





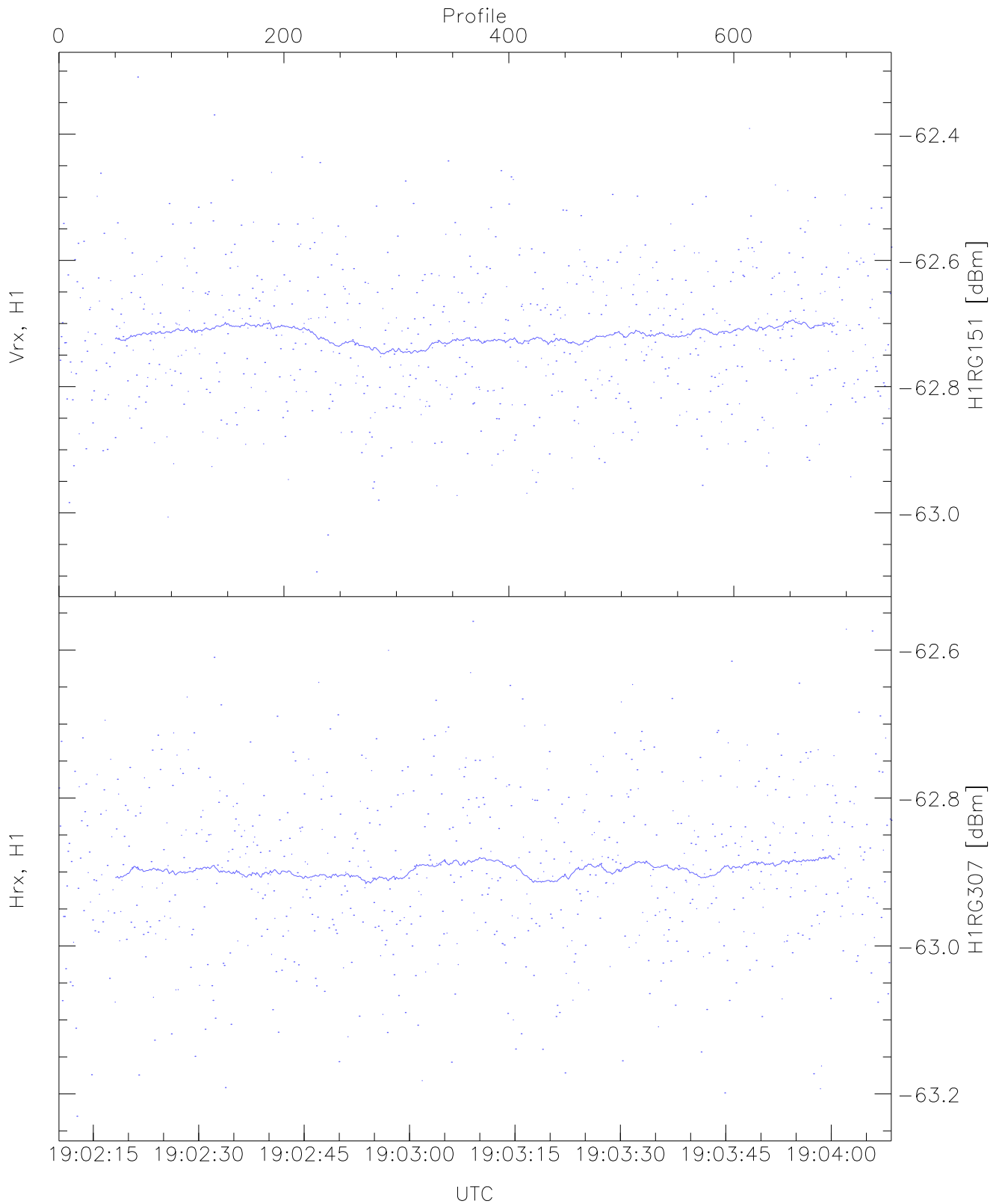
WCR2 SPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, H1(WL [dBm])	-63.09	-62.30	-62.67	-62.68	-78.56
Hrx, H1(WL [dBm])	-62.95	-62.21	-62.59	-62.58	-78.49



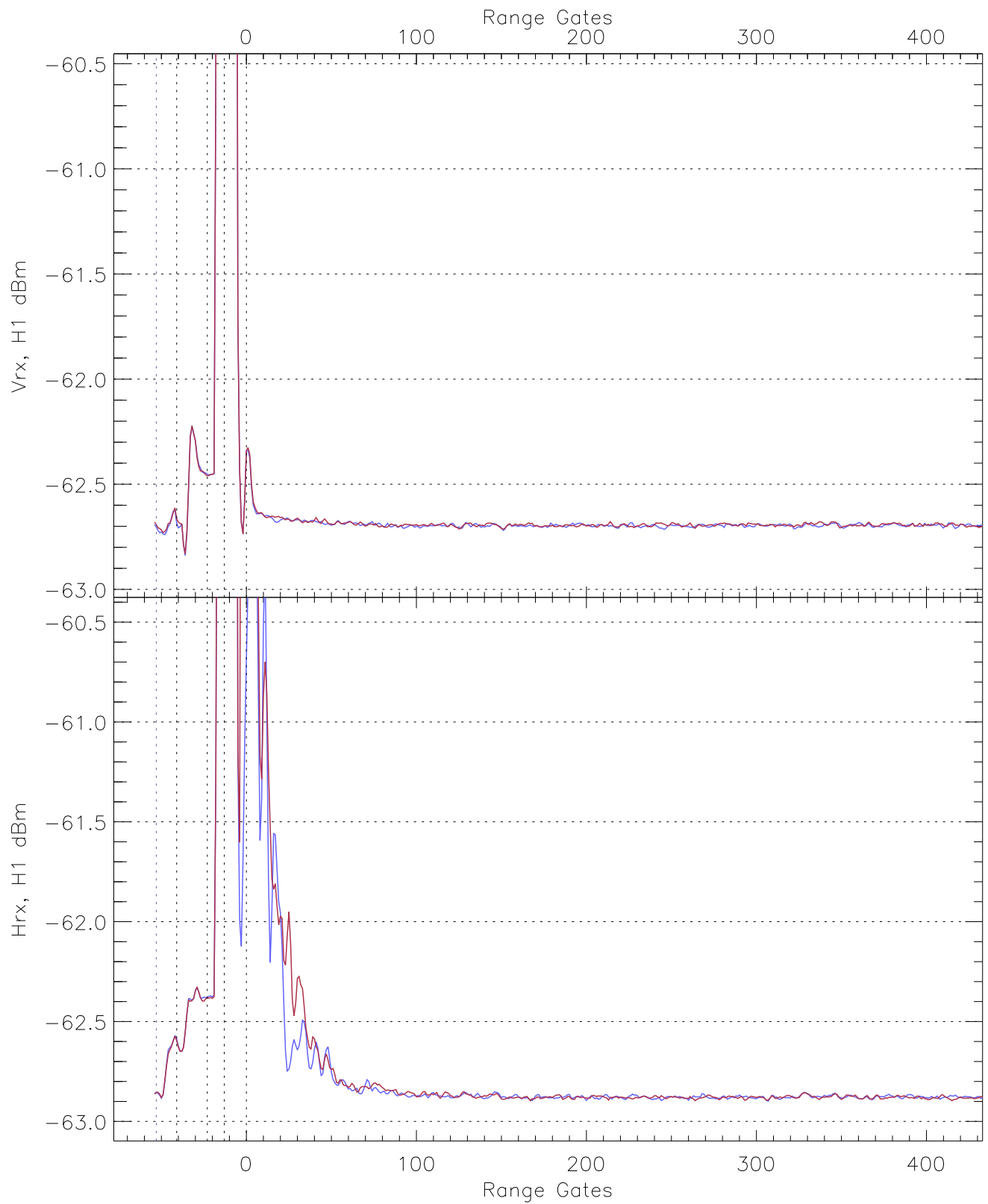
WCR2 SPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, H1(RM [dBm])	-63.08	-62.38	-62.70	-62.69	-78.60
Hrx, H1(RM [dBm])	-63.15	-62.52	-62.85	-62.85	-78.69

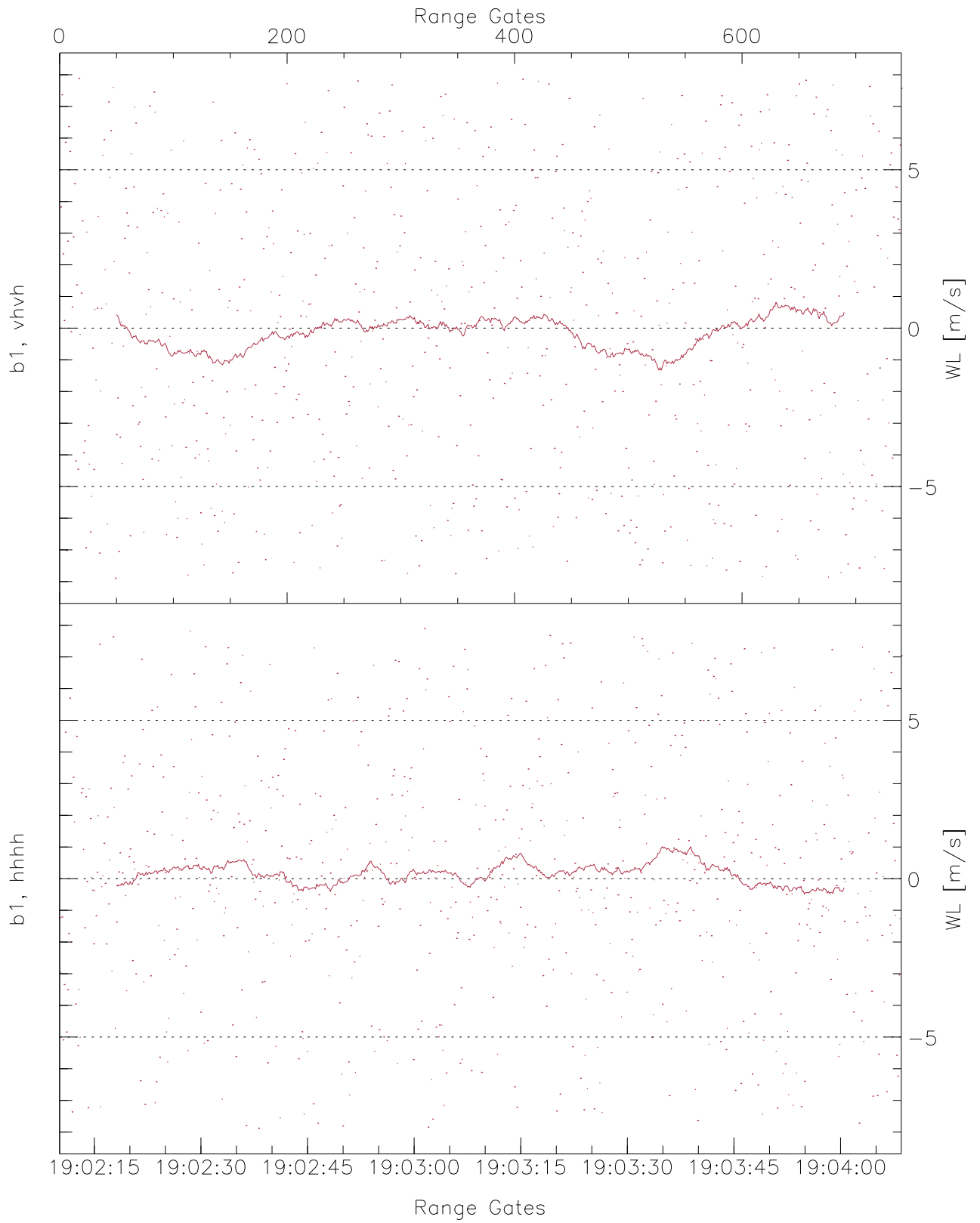


WCR2 SPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG151 [dBm]	-63.09	-62.31	-62.72	-62.72	-78.62
H1RG307 [dBm]	-63.23	-62.56	-62.90	-62.89	-78.80

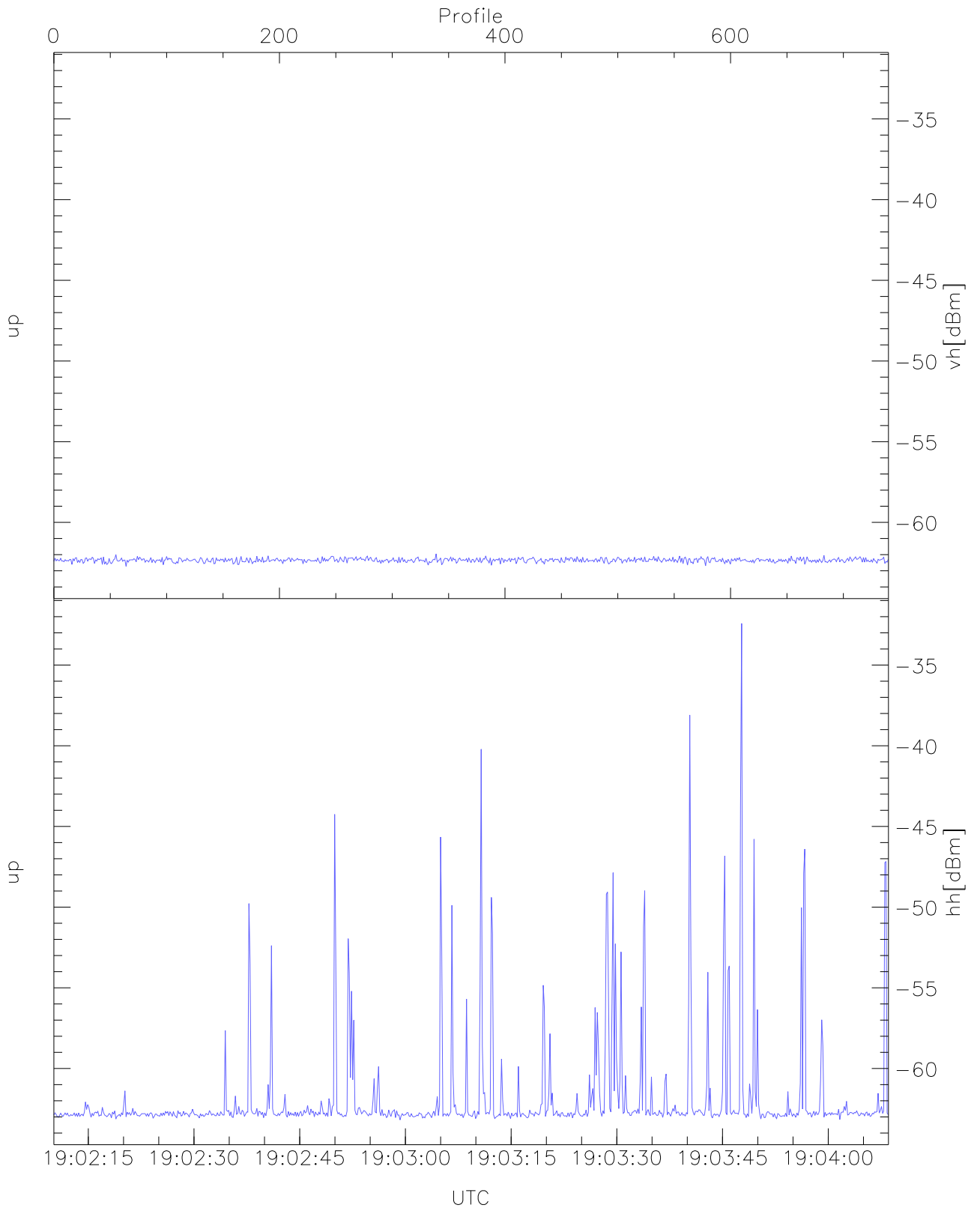


WCR2 SPP Averaged Received power for all recorded gates  
blue: 190210-190309, 371 profiles averaged  
red: 190309-190409, 371 profiles averaged



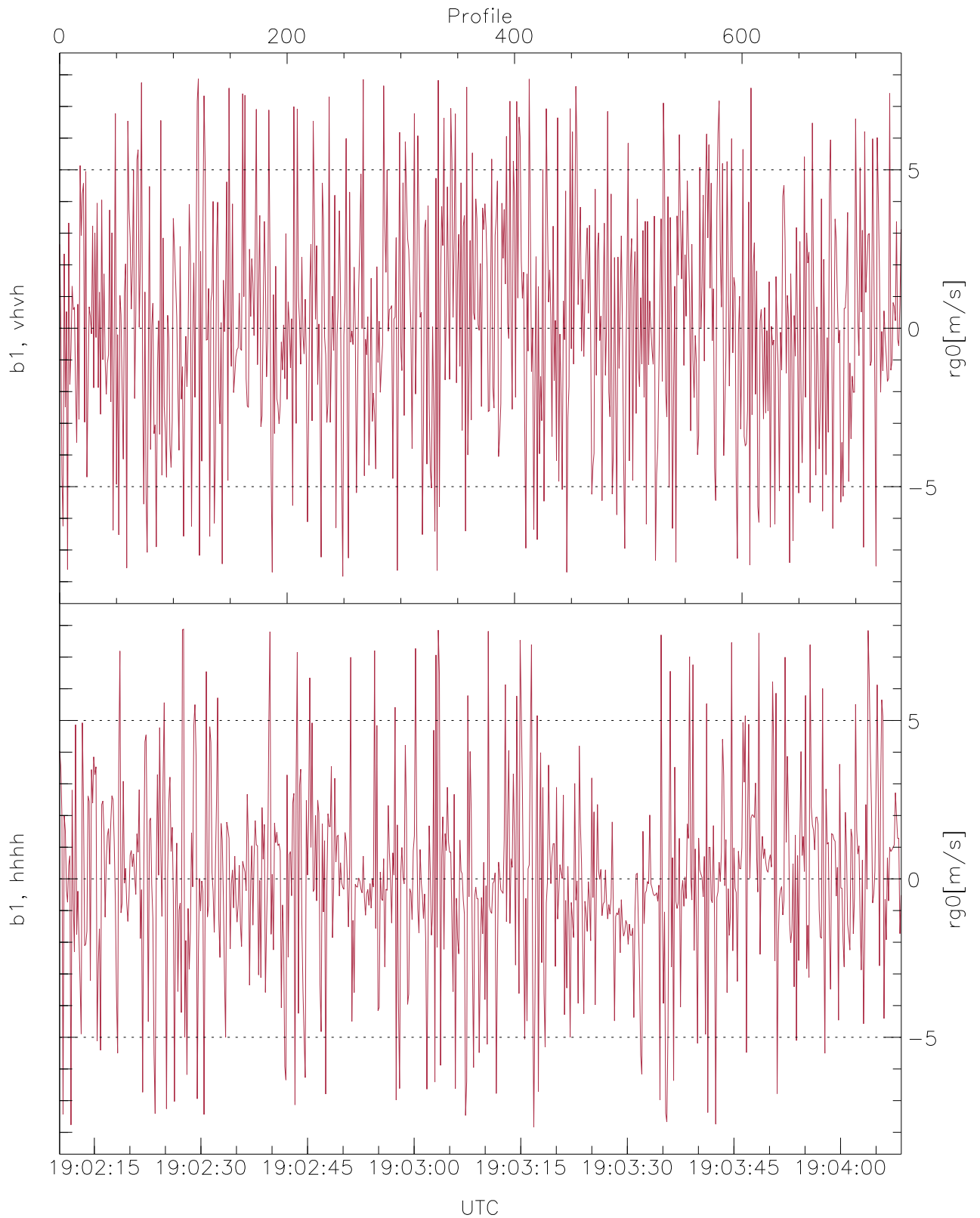
WCR2 SPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements





WCR2 SPP Received Power Products for Range gate 0 (97.6 m)

	Min	Max	Mean
up(vh[dBm])	-62.72	-61.95	-62.34
up(hh[dBm])	-63.18	-32.42	-56.53



WCR2 SPP Doppler Velocity Products at 97.6 m range

	Min	Max	Mean	StDev
b1, vvh(rg0[m/s])	-7.83	7.88	0.18	3.56
b1, hhhh(rg0[m/s])	-7.83	7.88	-0.02	3.00