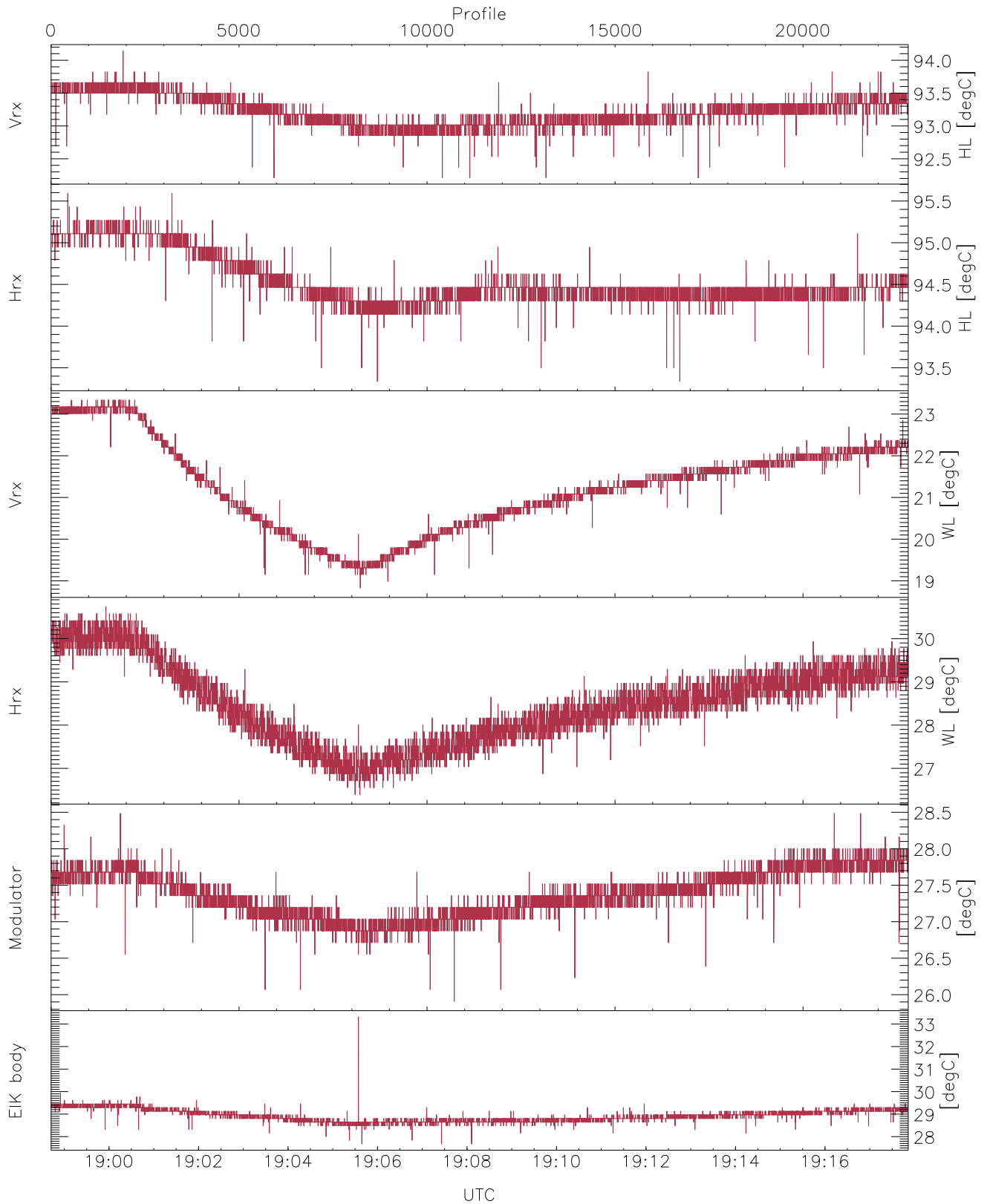


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

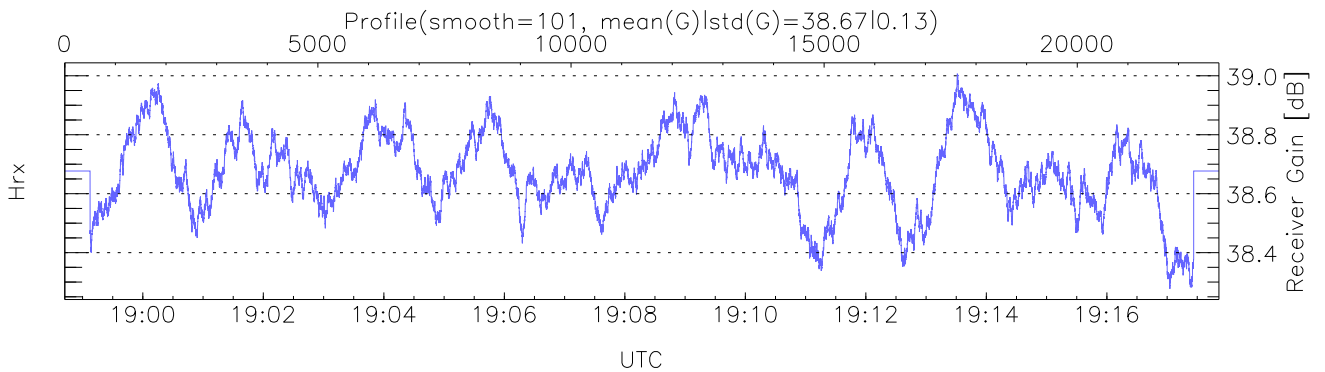
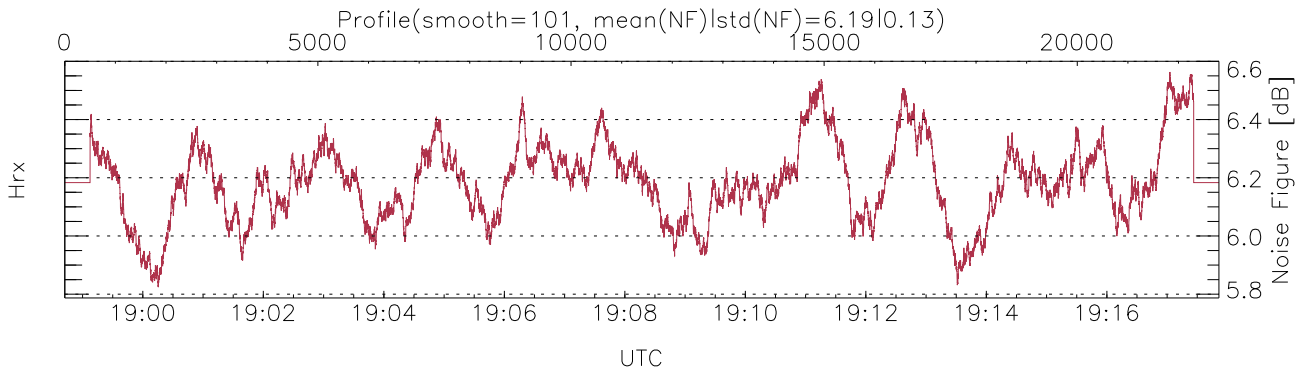
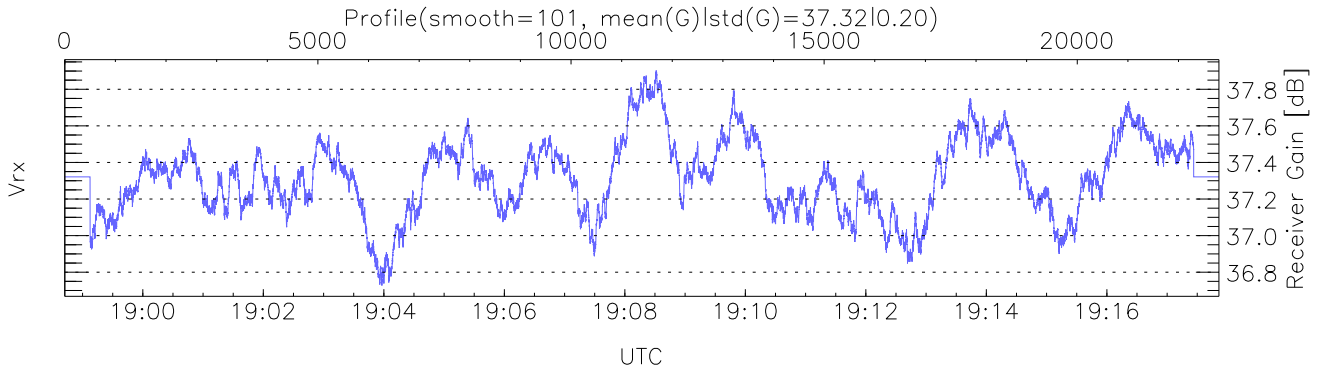
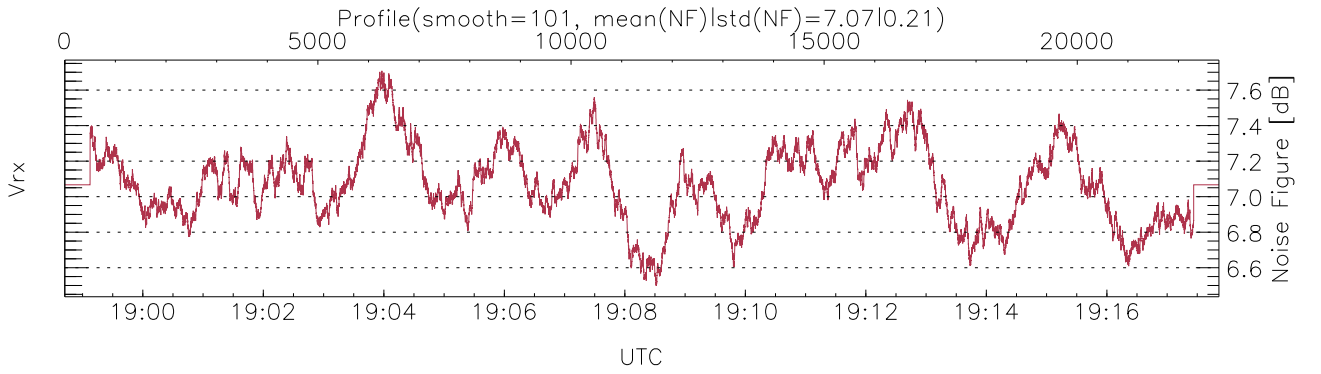
UTC: 18:58:42-19:28:23, Dur: 1780.57s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/35321, 0-22799/18:58:42-19:17:52
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

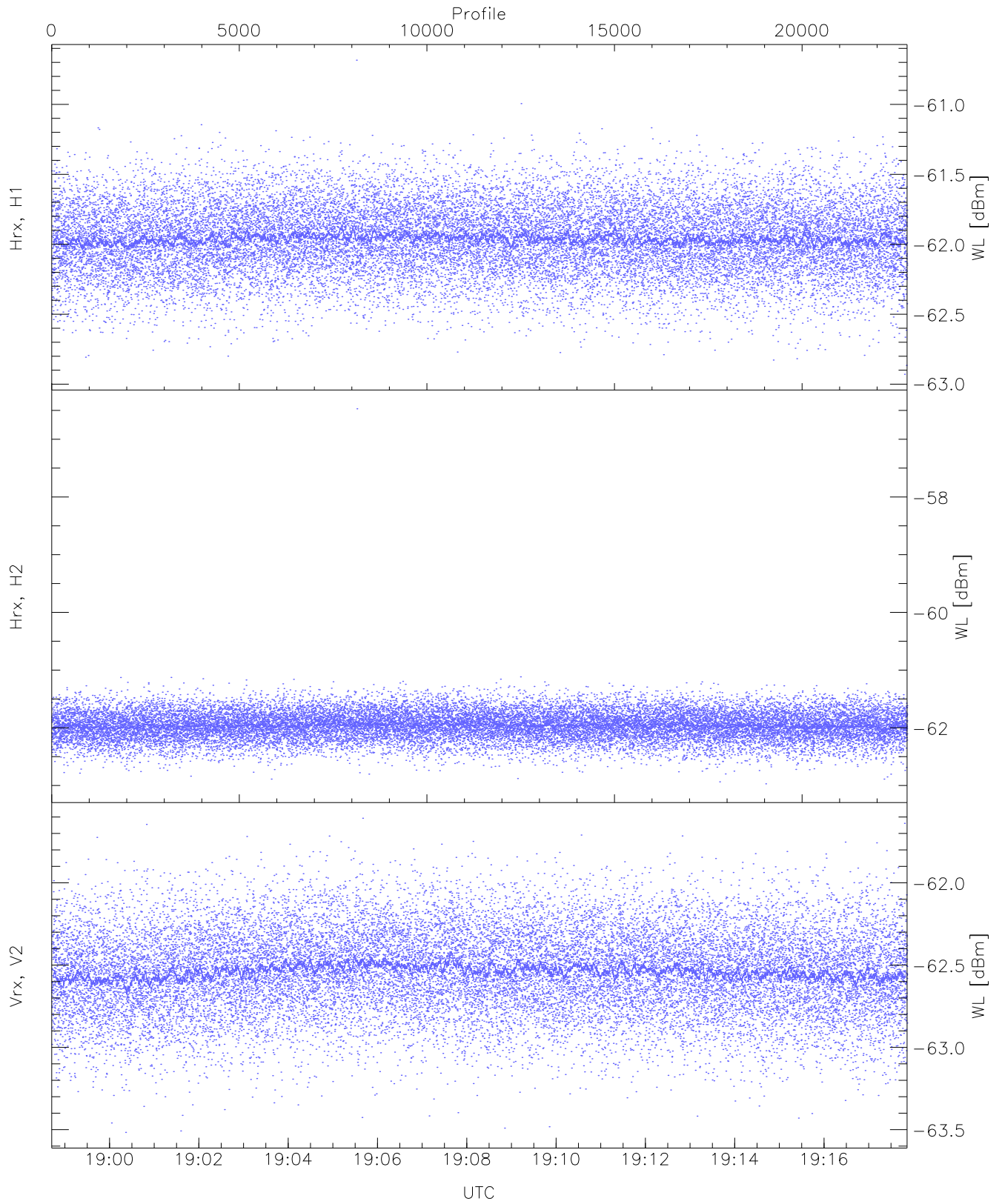
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,26,25,27
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,23,30,28,33
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,20,20,20,20,20)



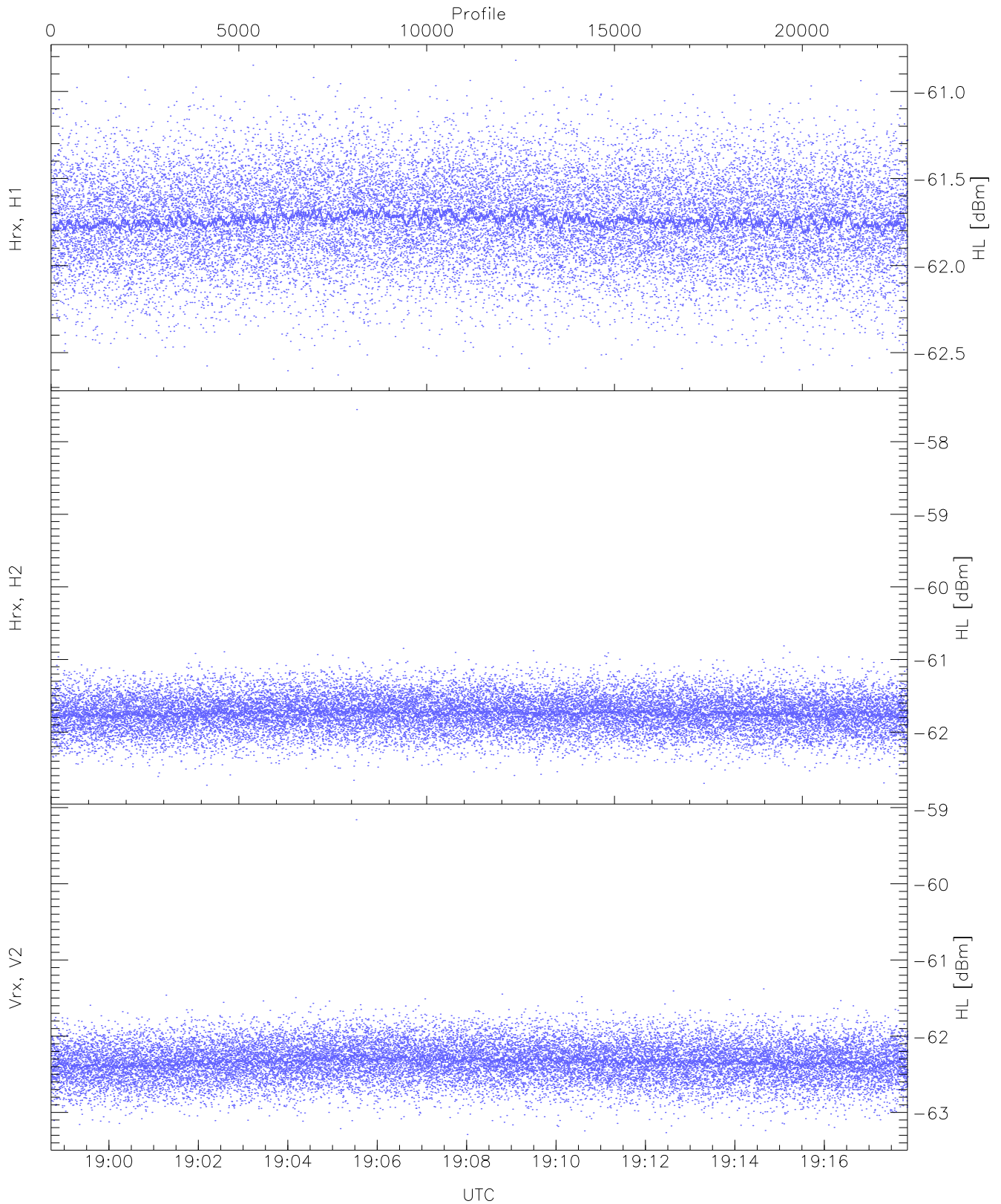
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1120 pixs, 35 gates, 1113 profs, 2 prods



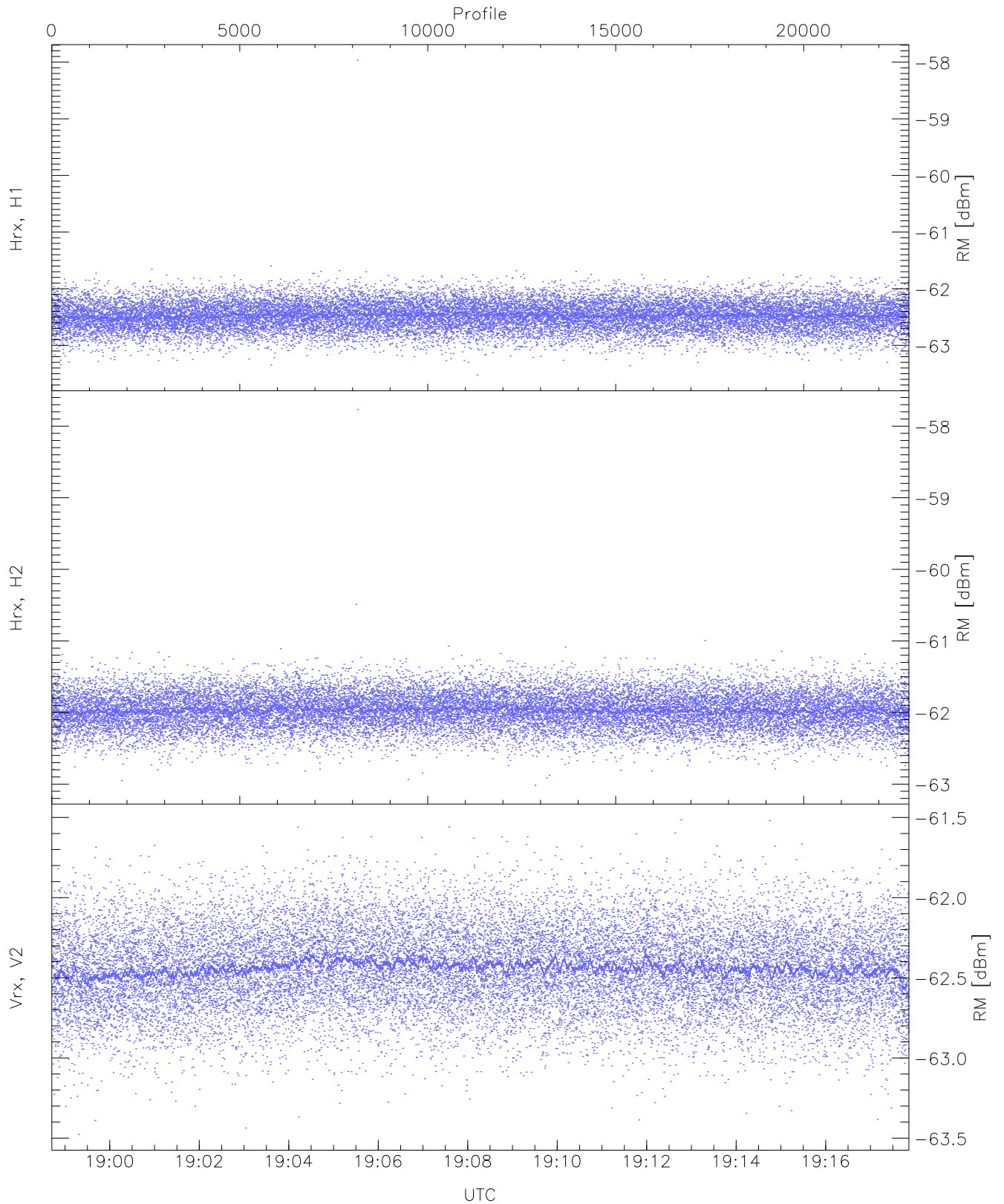
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.93	-60.68	-61.96	-61.96	-74.55
Hrx, H2 (WL [dBm])	-62.97	-56.47	-61.96	-61.96	-74.33
Vrx, V2 (WL [dBm])	-63.52	-61.61	-62.53	-62.54	-75.06



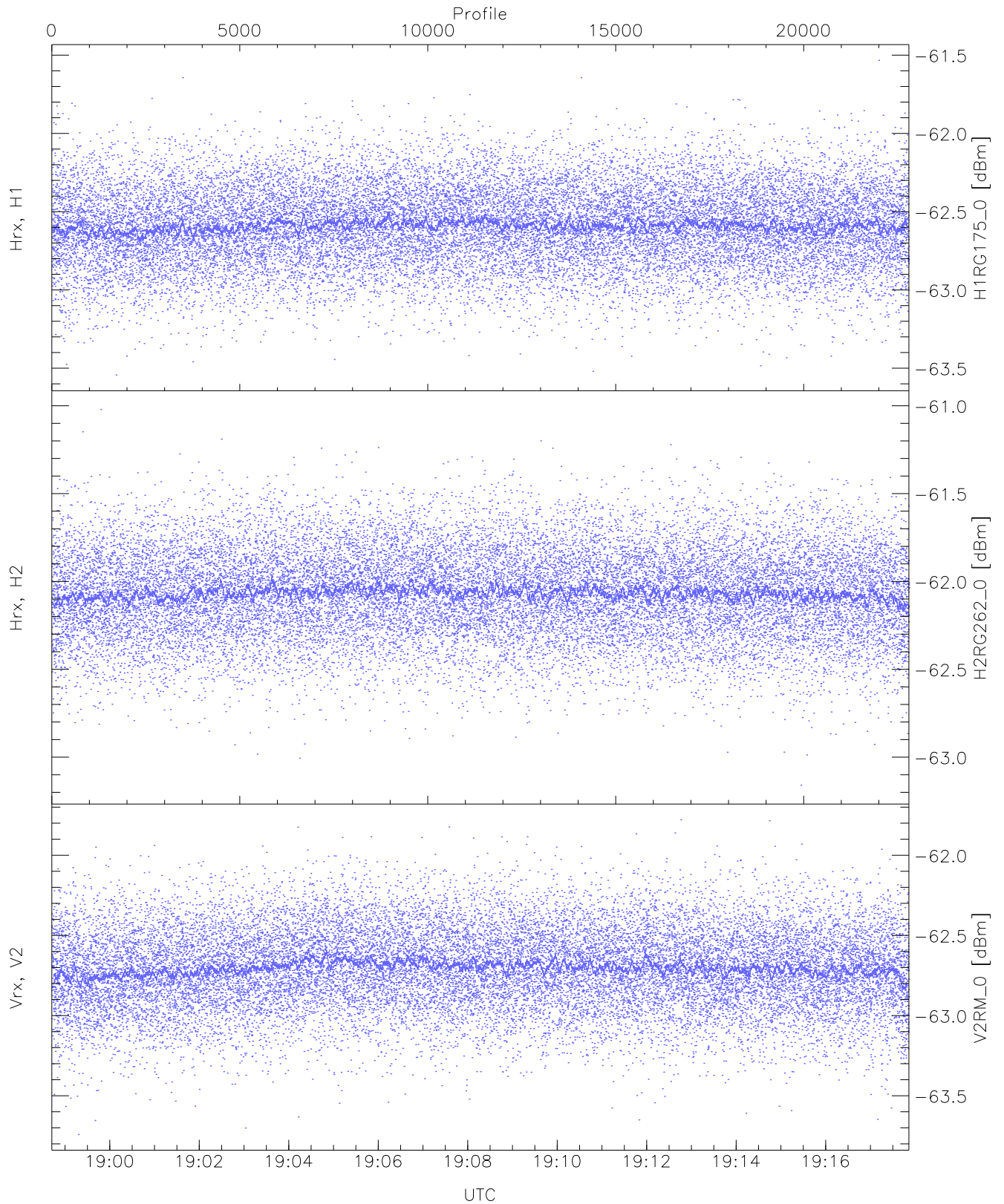
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.63	-60.82	-61.73	-61.74	-74.28
Hrx, H2 (HL [dBm])	-62.73	-57.56	-61.73	-61.74	-74.21
Vrx, V2 (HL [dBm])	-63.29	-59.16	-62.33	-62.33	-74.81



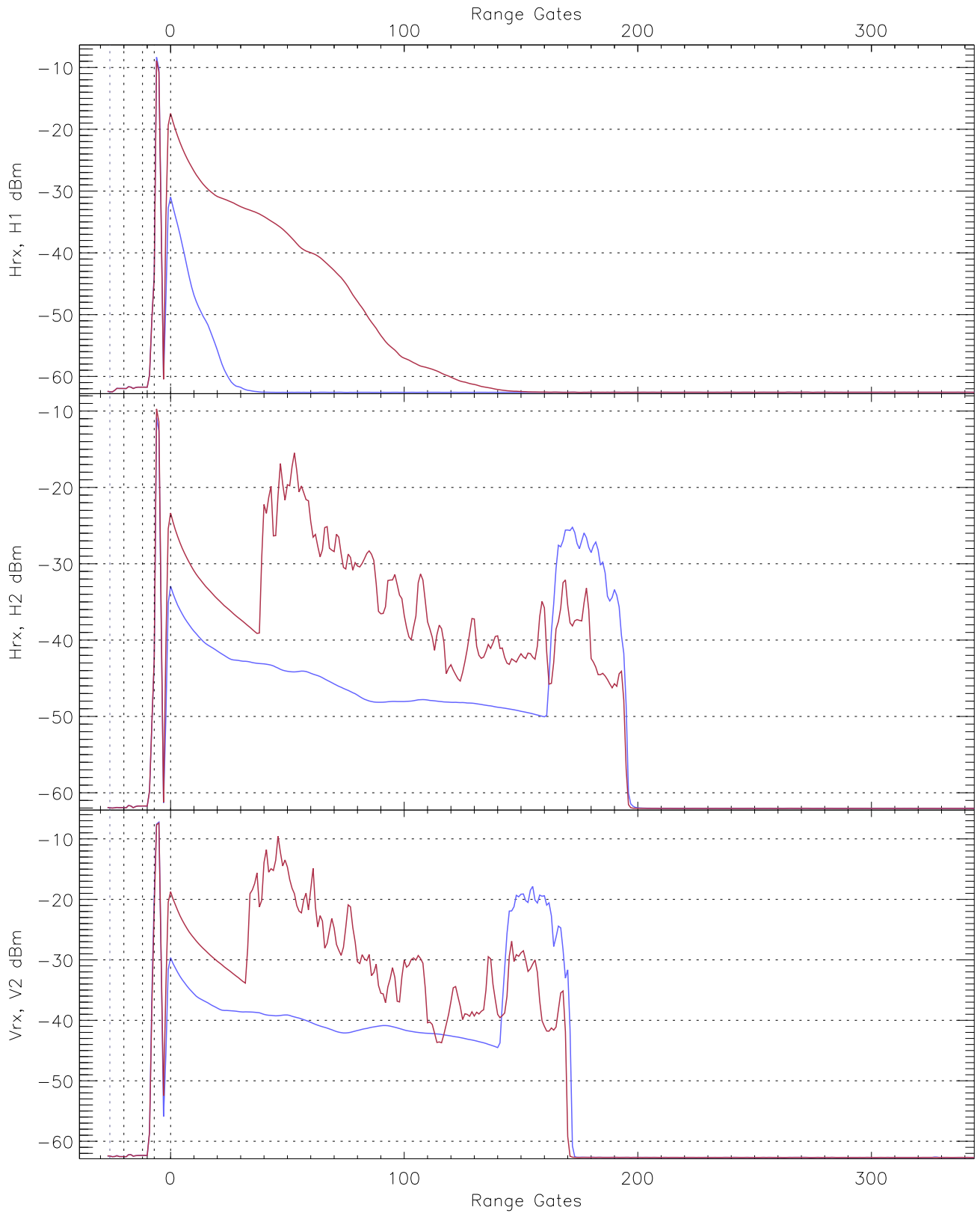
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.52	-57.97	-62.47	-62.47	-74.96
Hrx, H2 (RM [dBm])	-63.02	-57.77	-61.97	-61.97	-74.45
Vrx, V2 (RM [dBm])	-63.48	-61.51	-62.44	-62.44	-74.97

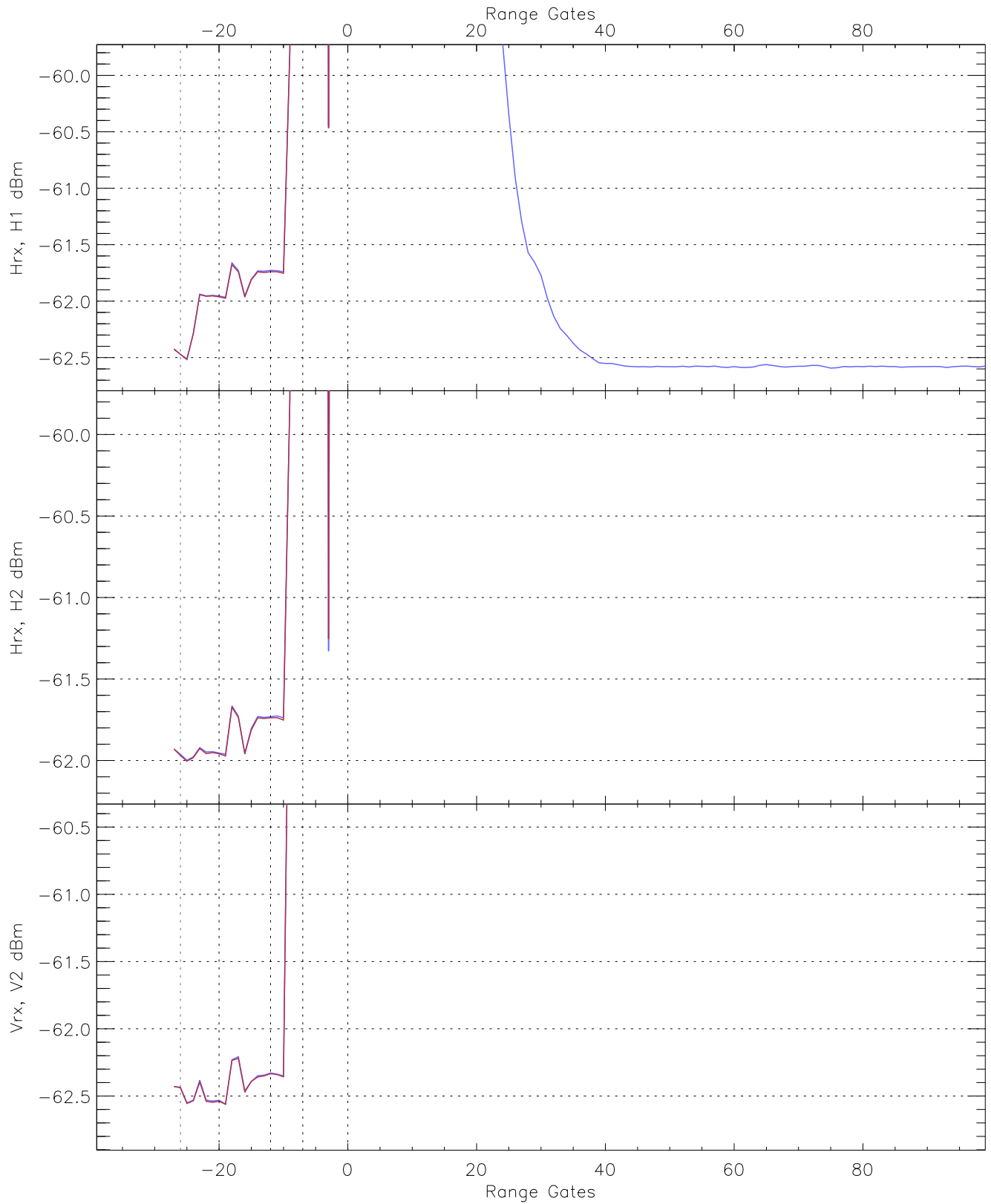


WCR2 CPP "Best" estimate Receivers Noise Power

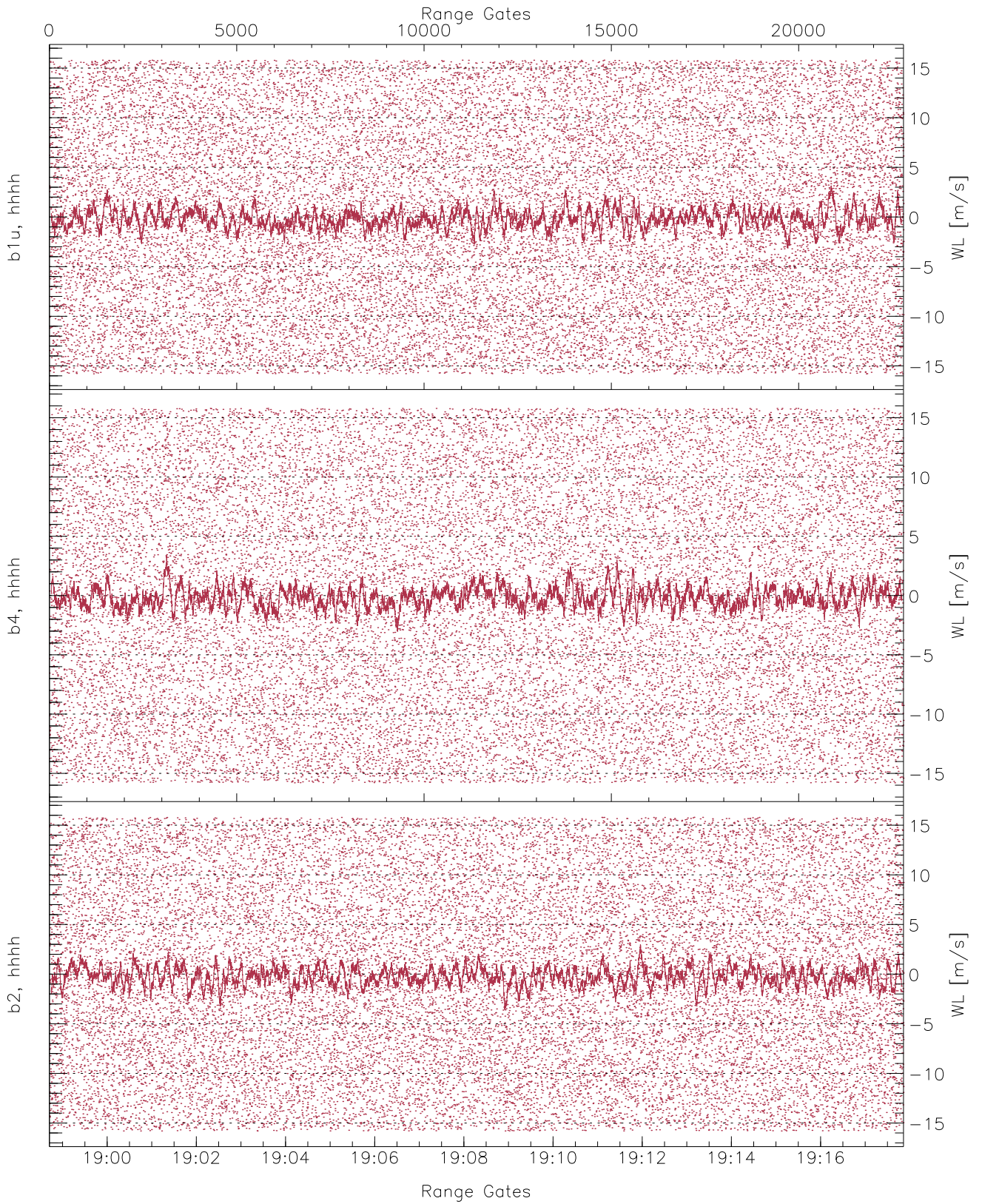
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.54	-61.53	-62.59	-62.59	-75.12
H2RG262_0 [dBm]	-63.16	-61.02	-62.06	-62.07	-74.61
V2RM_0 [dBm]	-63.74	-61.78	-62.70	-62.71	-75.24



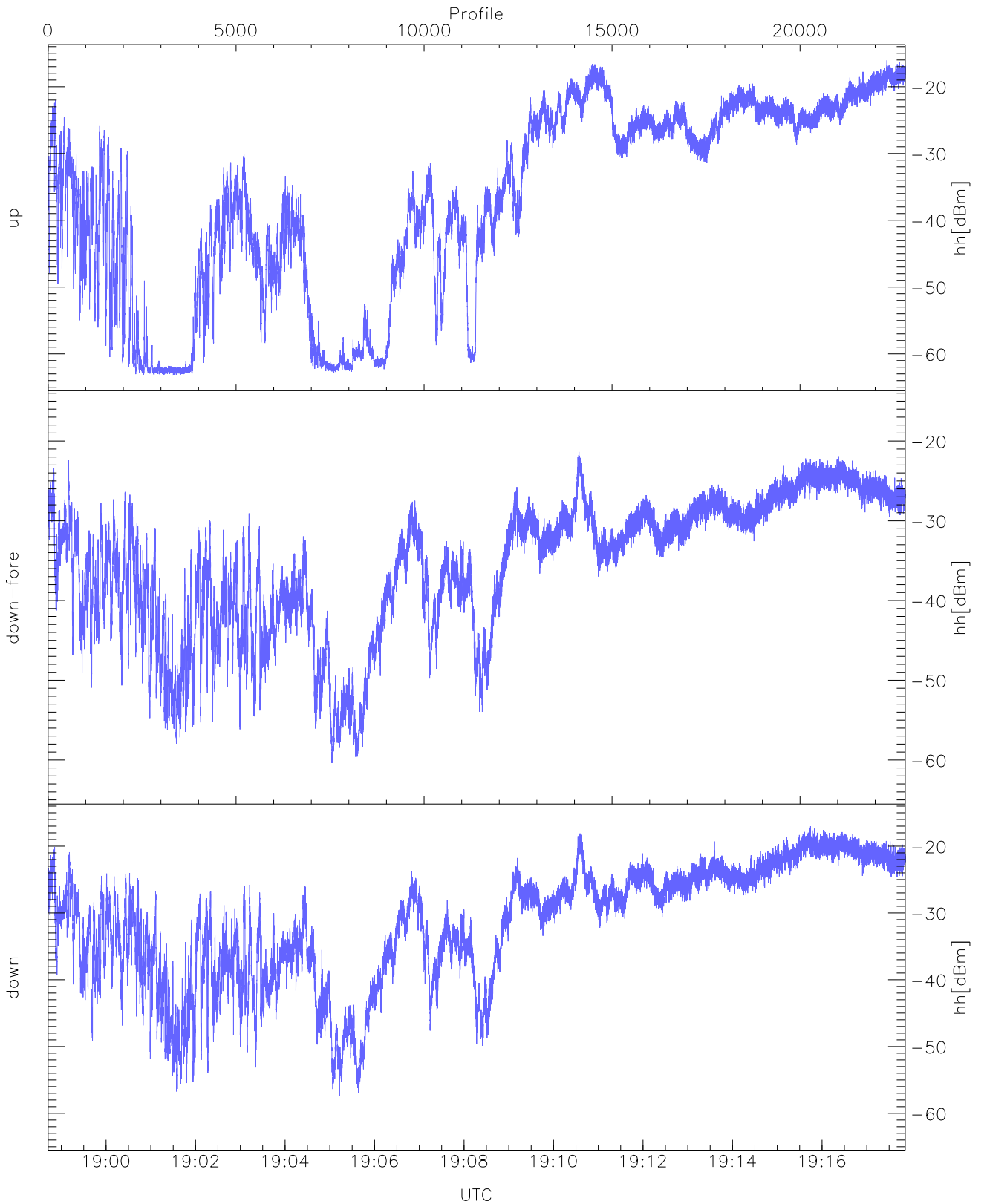
WCR2 CPP Averaged Received power for all recorded gates
blue: 185842-190817, 11401 profiles averaged
red: 190817-191752, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 185842-190817, 11401 profiles averaged
red: 190817-191752, 11400 profiles averaged

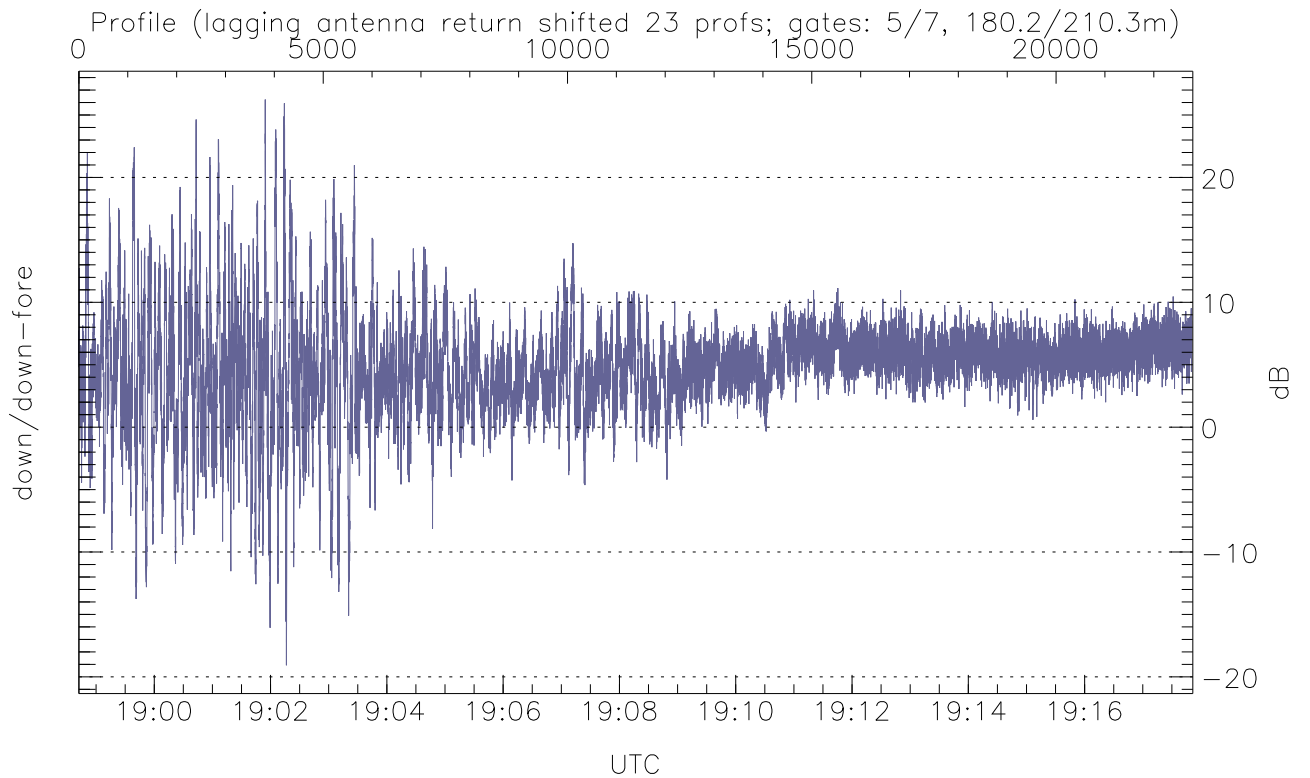
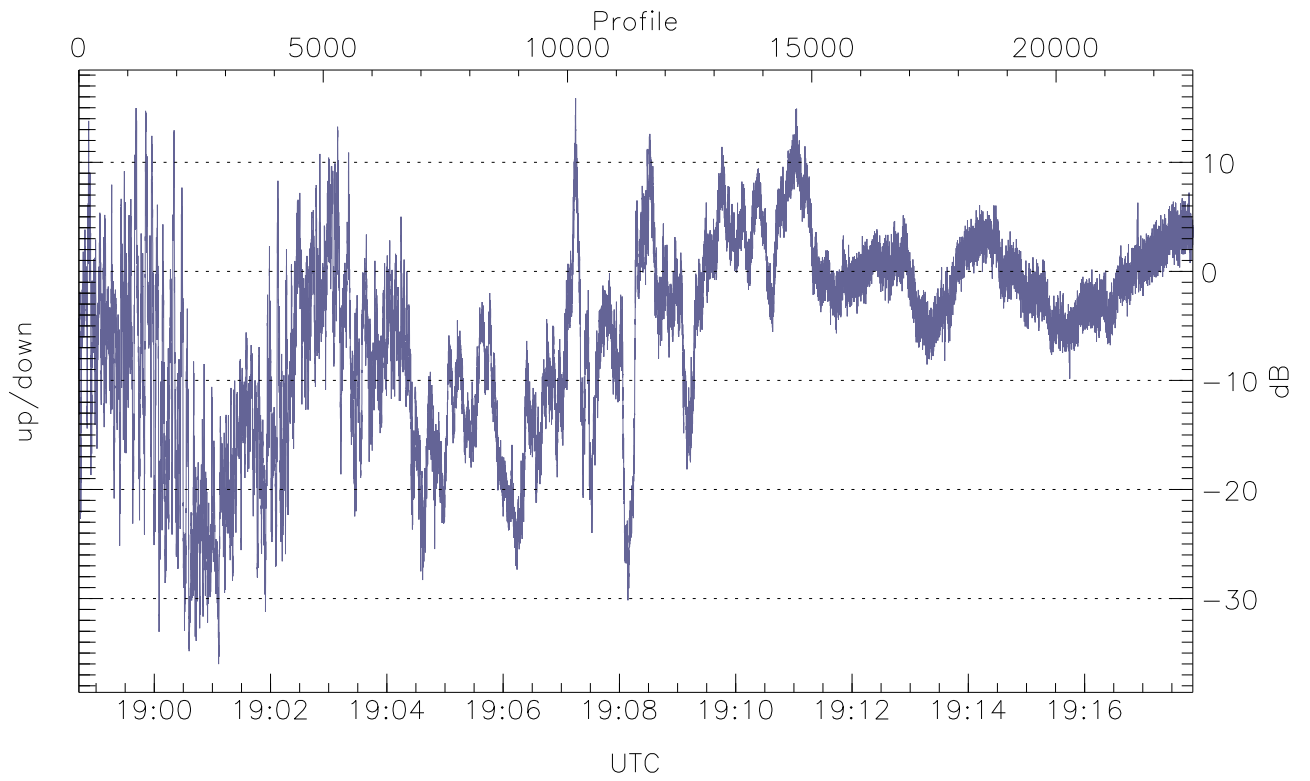


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



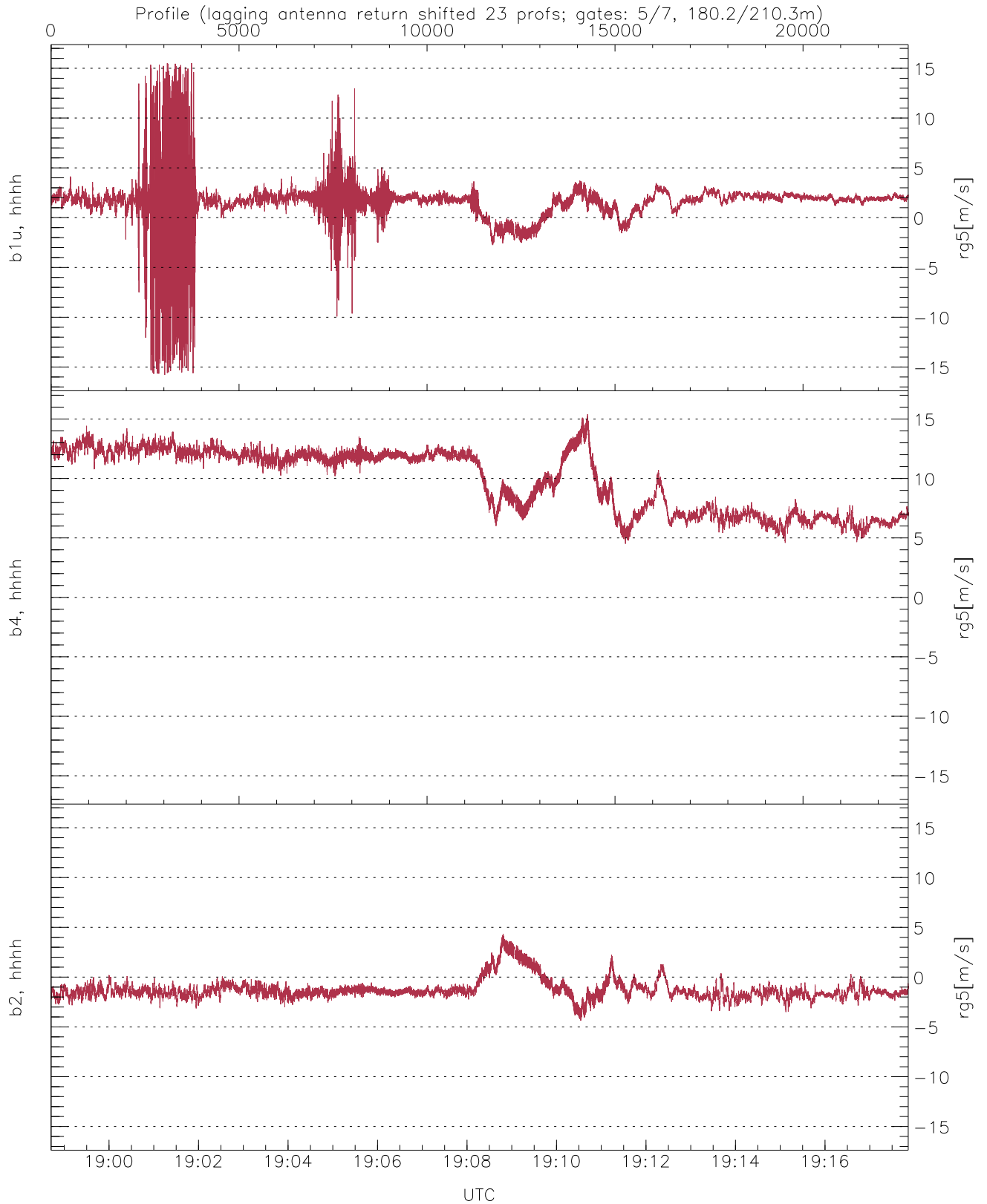
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.17	-16.05	-25.93
down-fore(hh[dBm])	-60.38	-21.36	-30.42
down(hh[dBm])	-57.38	-17.05	-26.02



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

	Min	Max	Mean
up/down (dB)	-36.01	15.87	-5.42
down/down-fore (dB)	-19.07	26.24	4.87



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.52	1.51	2.02
b4, hhhh(rg5[m/s])	4.51	15.40	9.88	2.63
b2, hhhh(rg5[m/s])	-4.37	4.35	-1.26	1.04