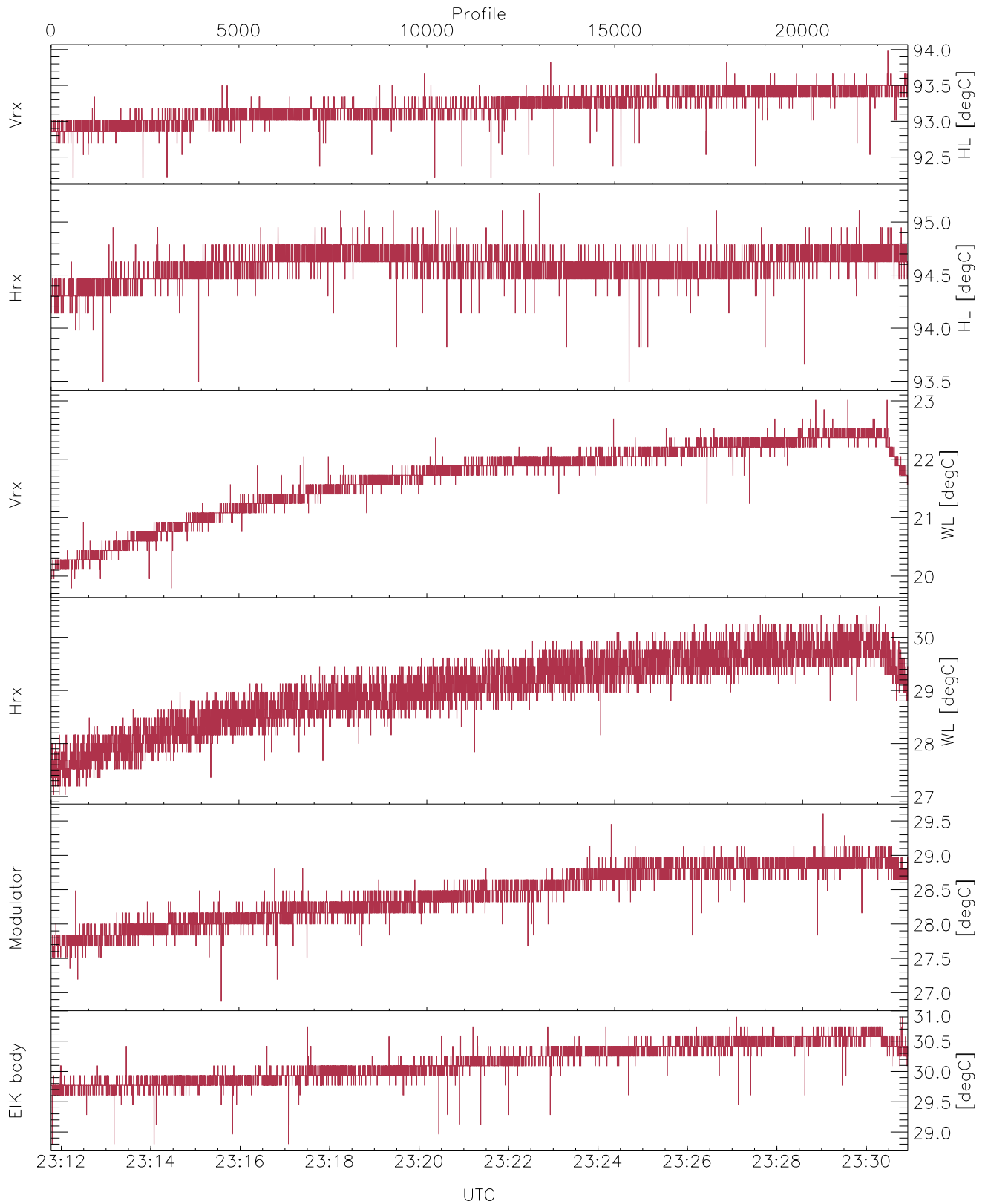


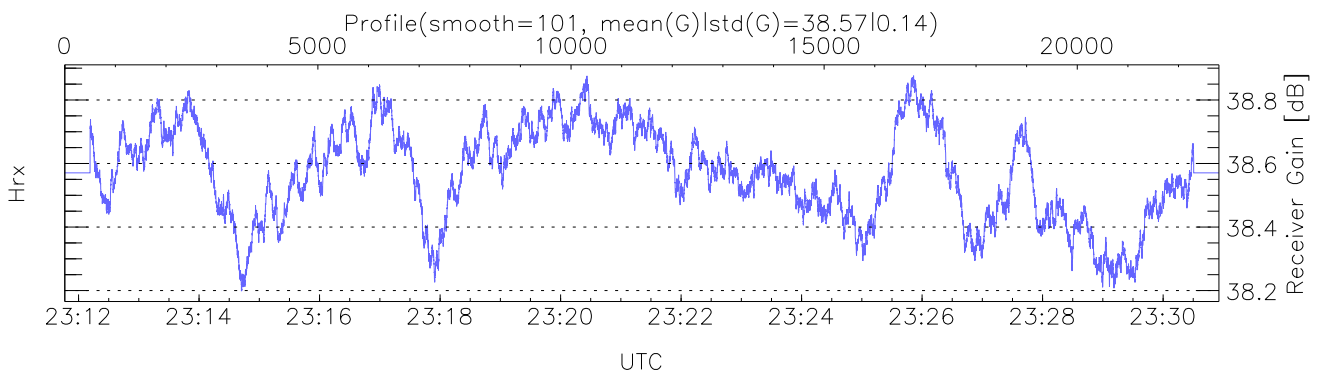
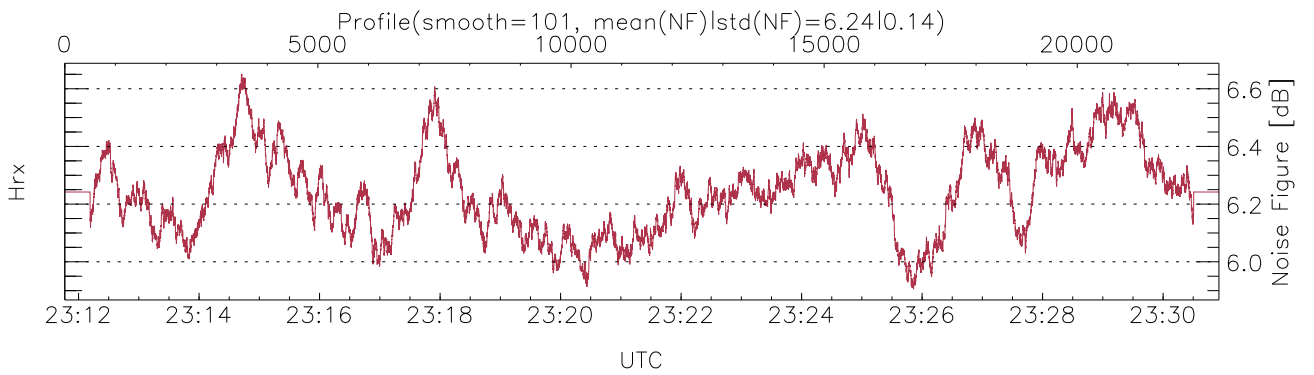
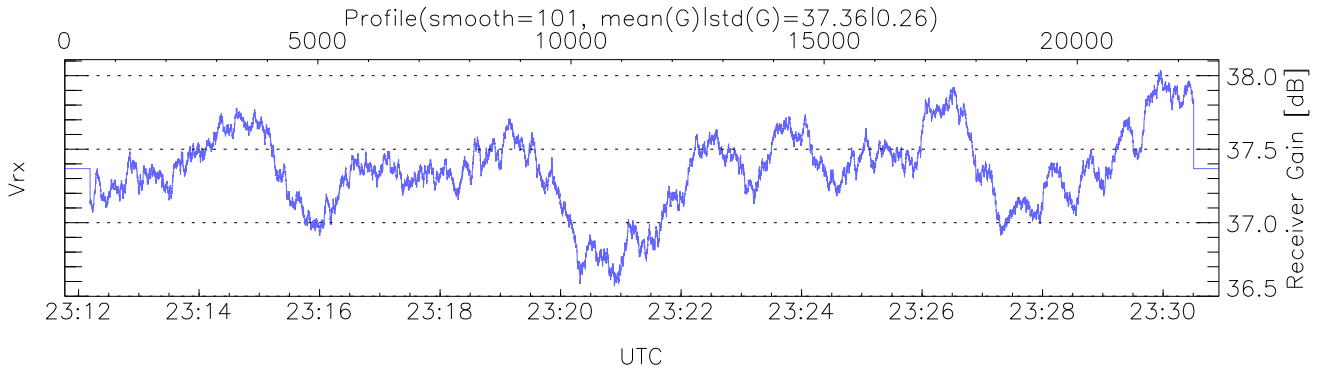
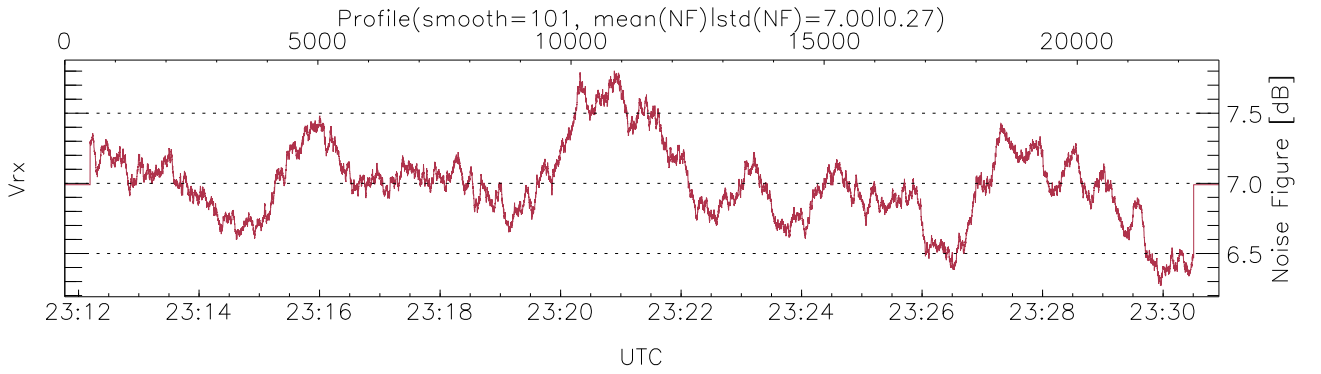
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:11:46-23:37:59, Dur: 1572.77s
 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): 22800/31199, 0-22799/23:11:46-23:30:56
 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



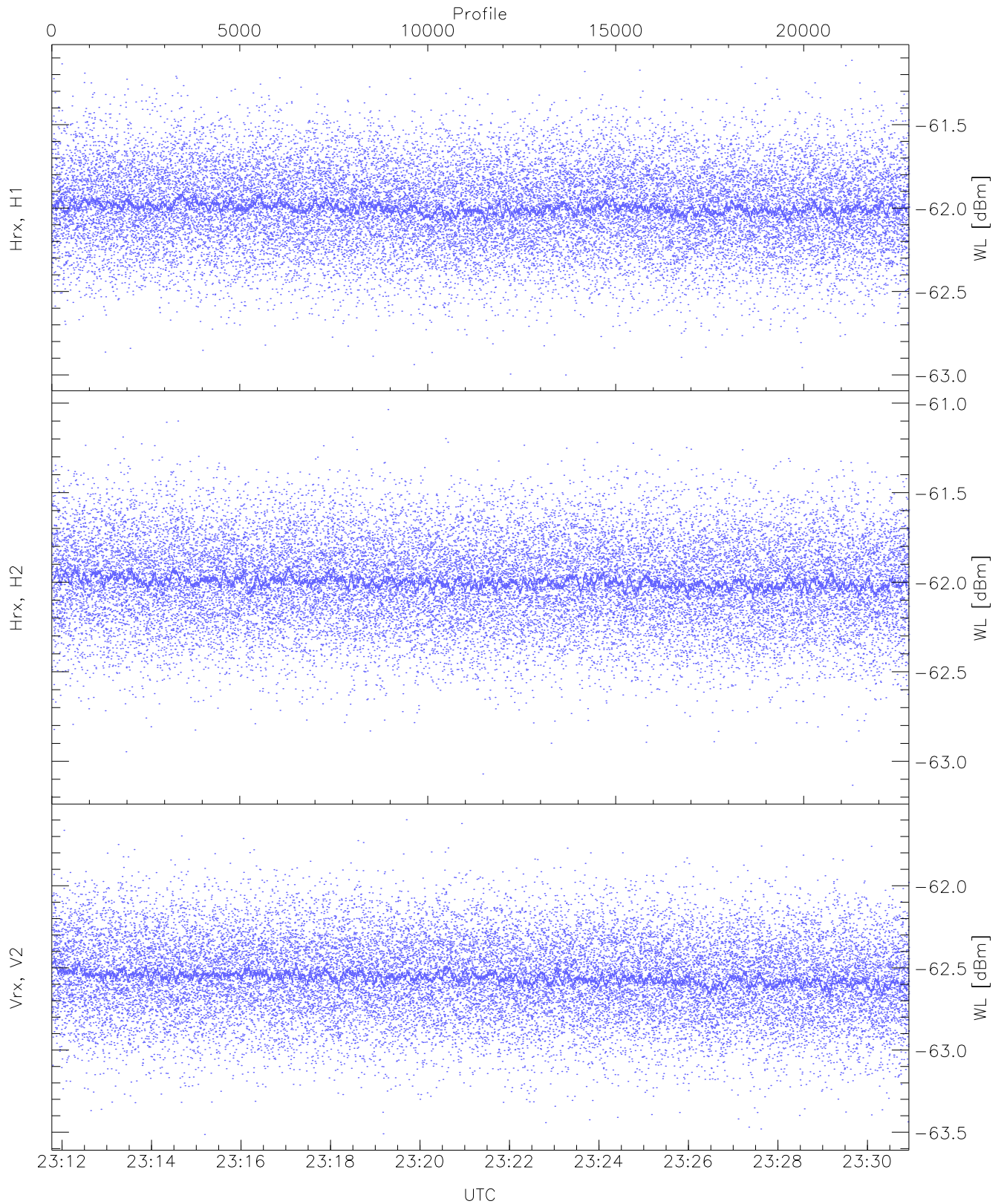
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,19,27,26,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,30,29,30
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 HVPS (6)



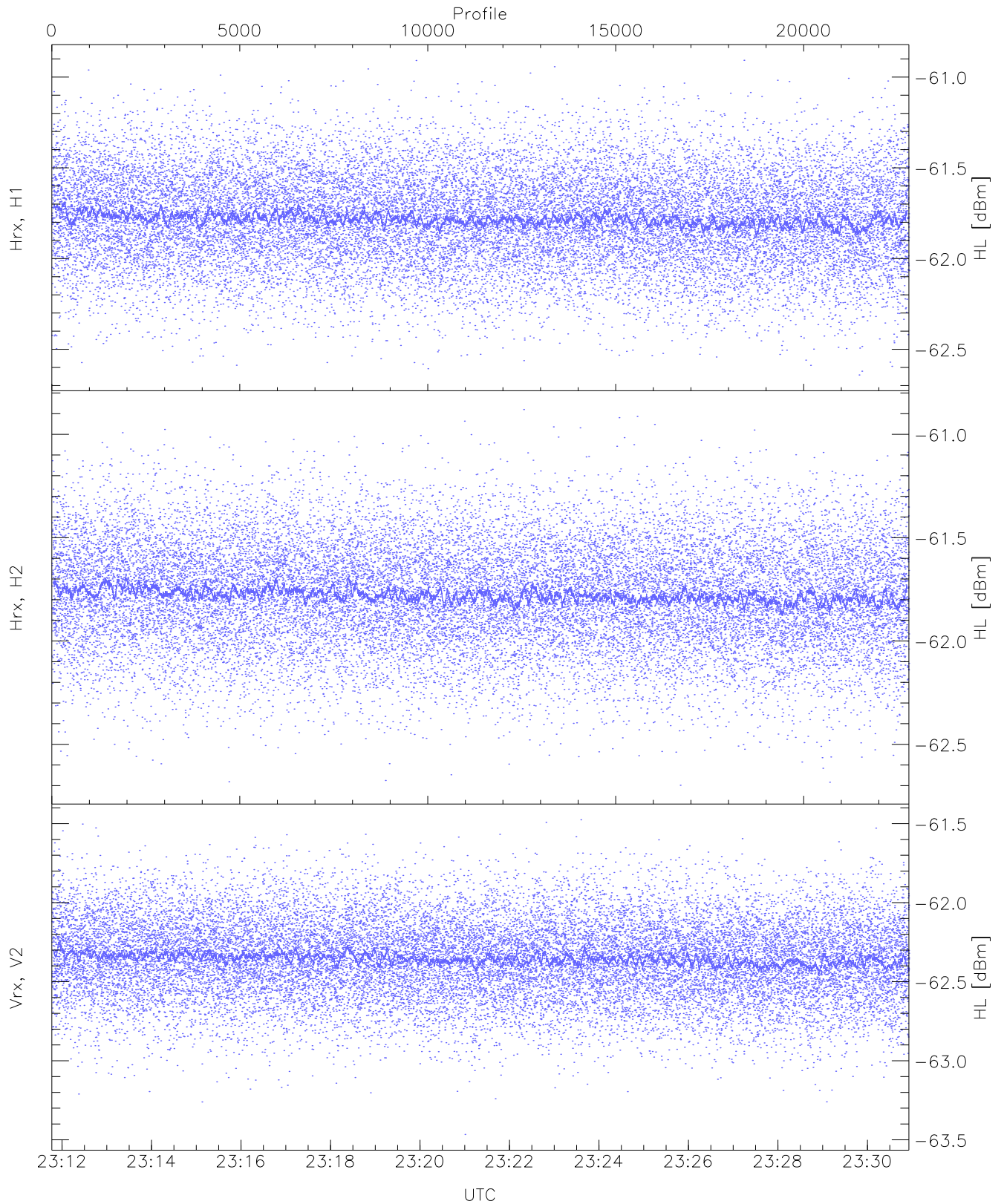
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 9318 pixs, 57 gates, 9174 profs, 1 prods



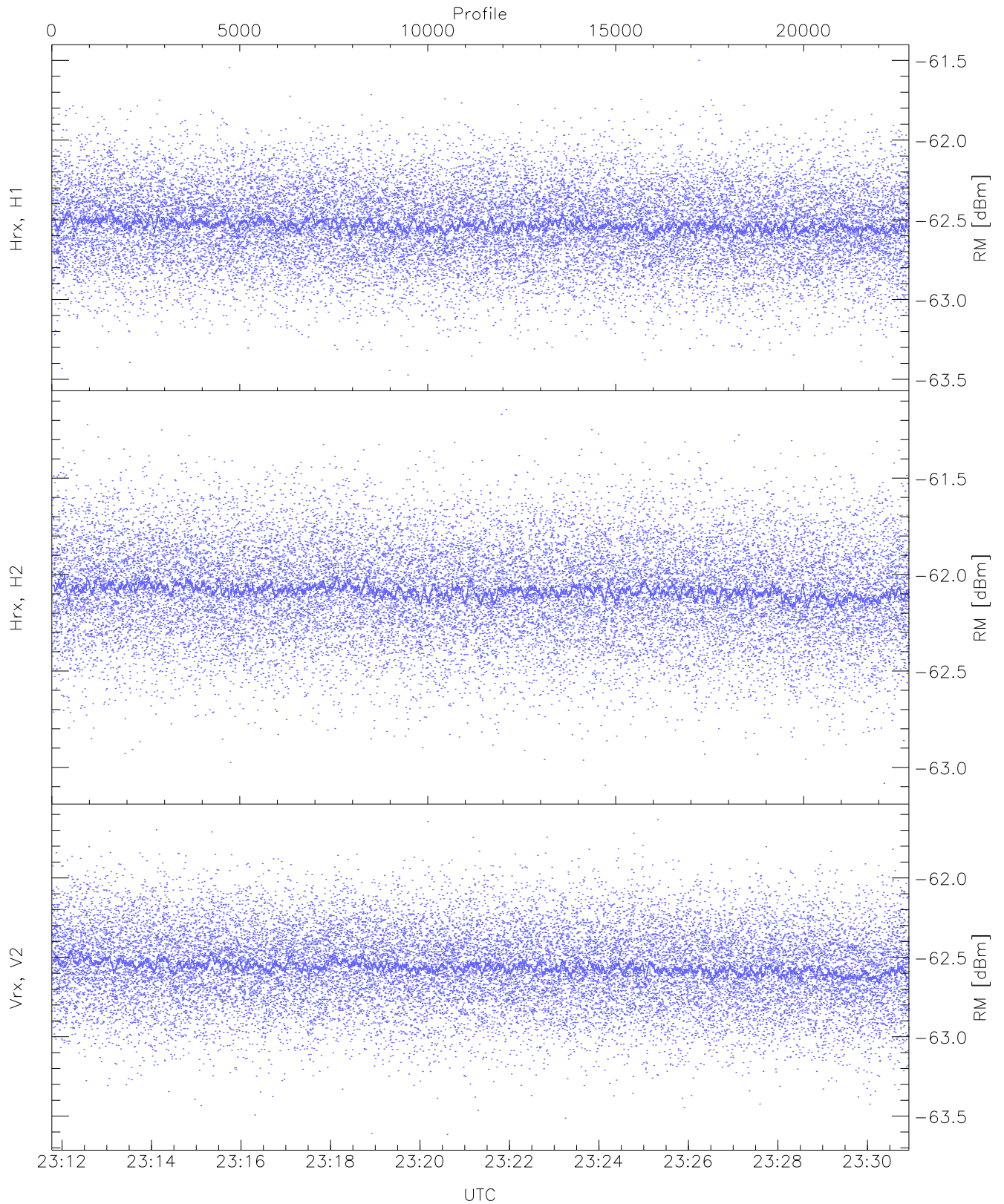
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.00	-61.11	-61.99	-62.00	-74.54
Hrx, H2(WL [dBm])	-63.13	-61.04	-61.99	-62.00	-74.55
Vrx, V2(WL [dBm])	-63.51	-61.60	-62.56	-62.56	-75.09



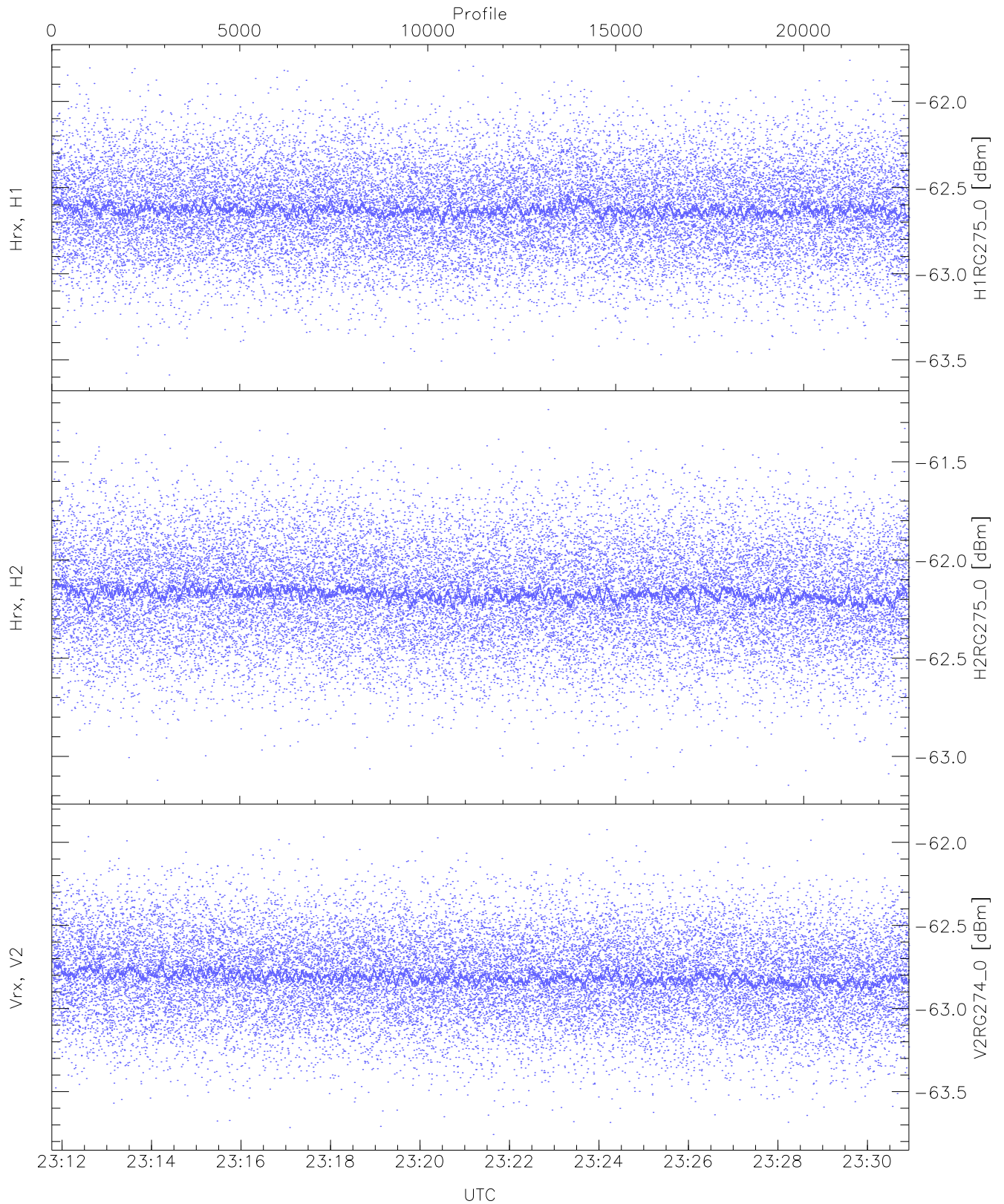
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.64	-60.91	-61.78	-61.78	-74.33
Hrx, H2 (HL [dBm])	-62.70	-60.88	-61.77	-61.78	-74.32
Vrx, V2 (HL [dBm])	-63.47	-61.48	-62.35	-62.35	-74.89



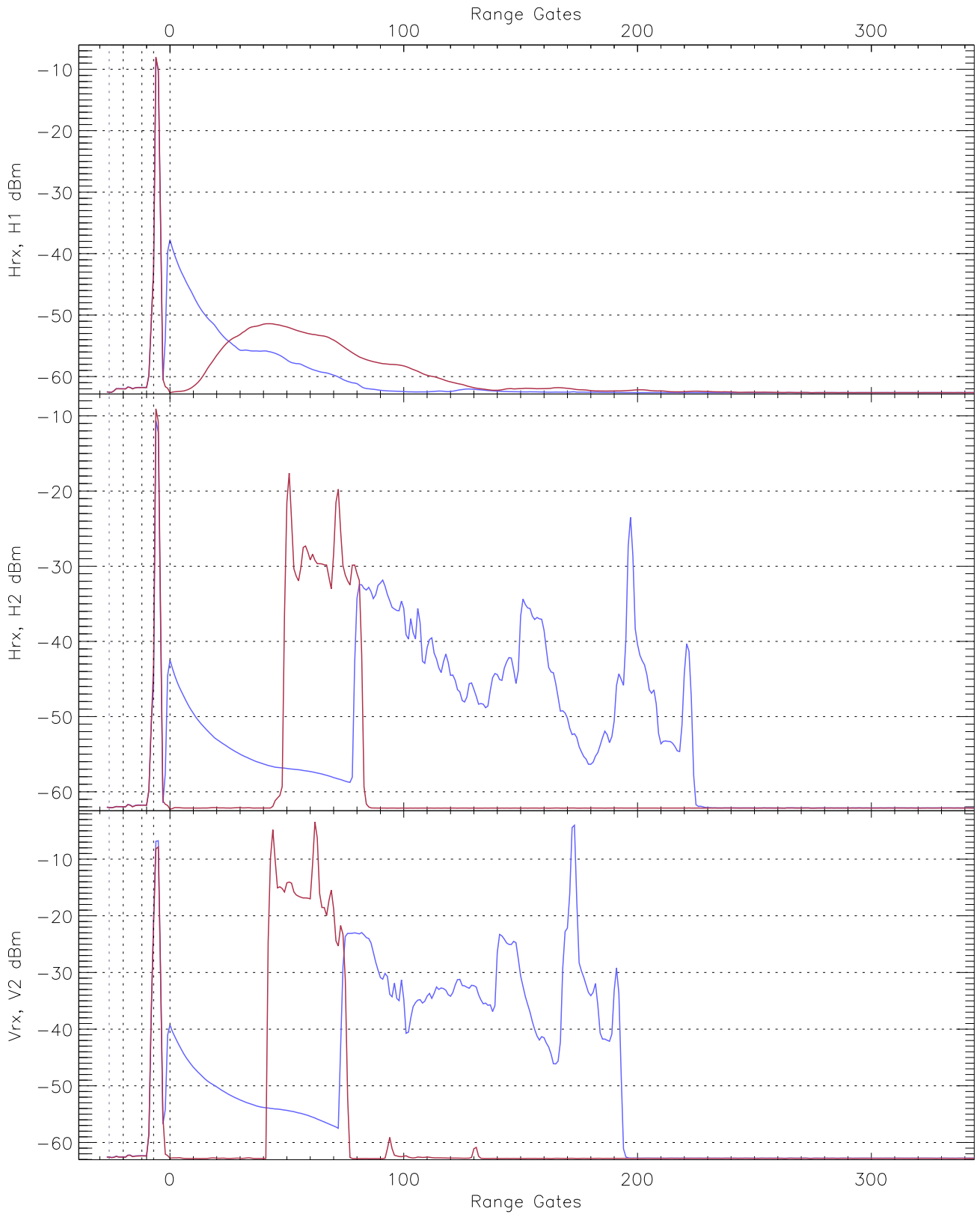
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.47	-61.50	-62.53	-62.53	-75.10
Hrx, H2 (RM [dBm])	-63.09	-61.14	-62.08	-62.09	-74.65
Vrx, V2 (RM [dBm])	-63.62	-61.63	-62.56	-62.57	-75.08

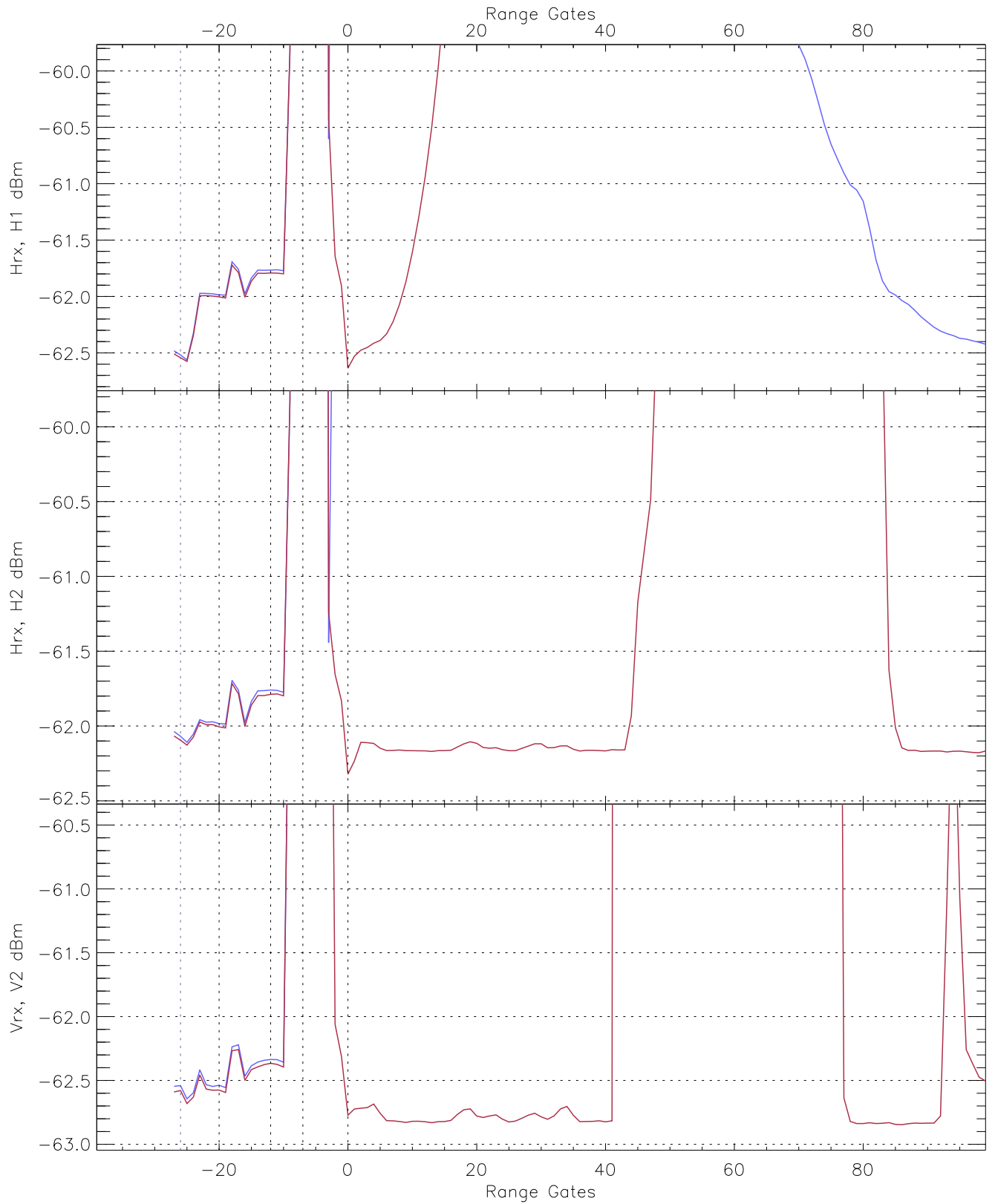


WCR2 CPP "Best" estimate Receivers Noise Power

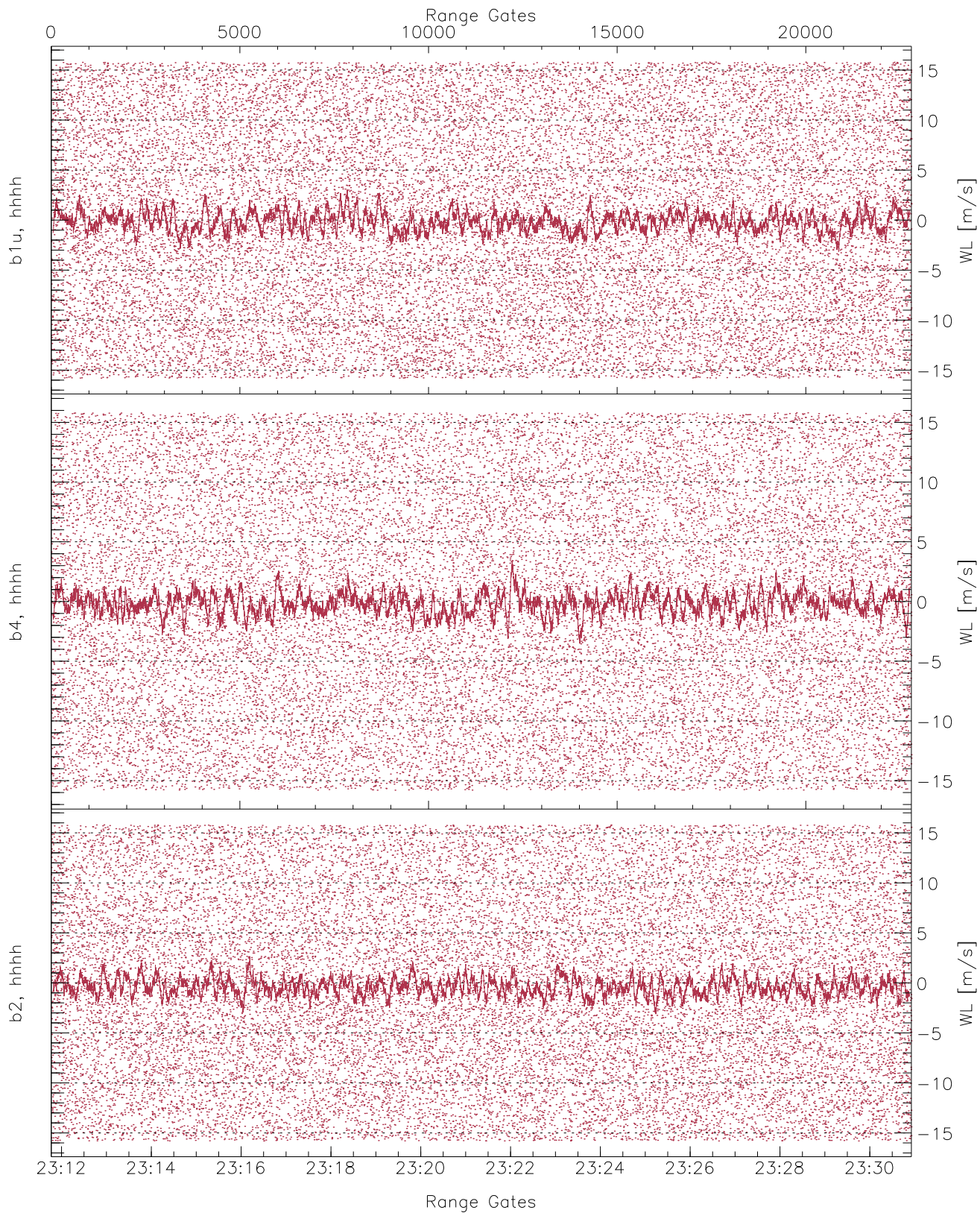
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.59	-61.76	-62.63	-62.63	-75.17
H2RG275_0 [dBm]	-63.15	-61.23	-62.17	-62.17	-74.70
V2RG274_0 [dBm]	-63.76	-61.86	-62.81	-62.81	-75.35



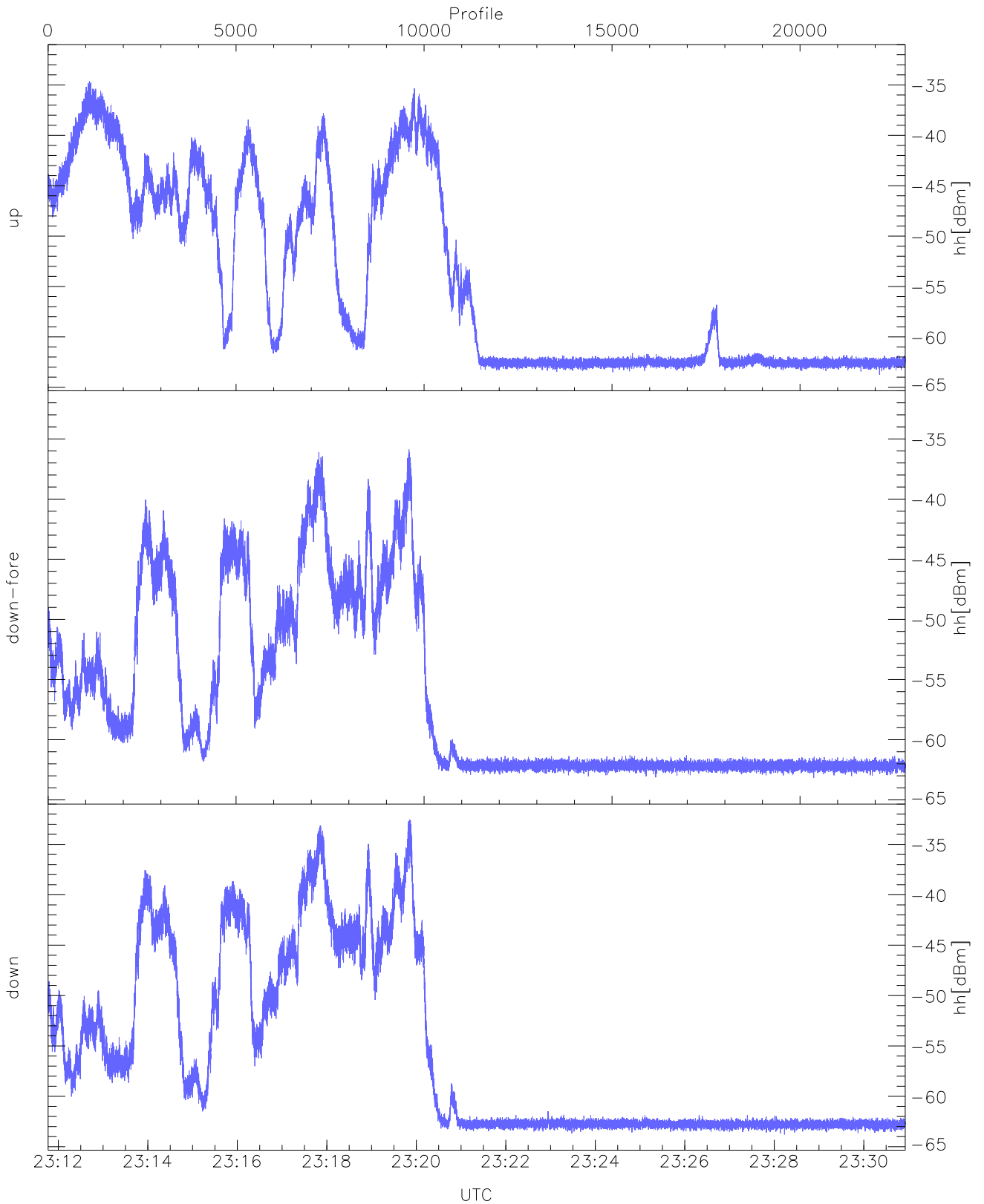
WCR2 CPP Averaged Received power for all recorded gates
blue: 231146-232121, 11401 profiles averaged
red: 232121-233056, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 231146-232121, 11401 profiles averaged
red: 232121-233056, 11400 profiles averaged

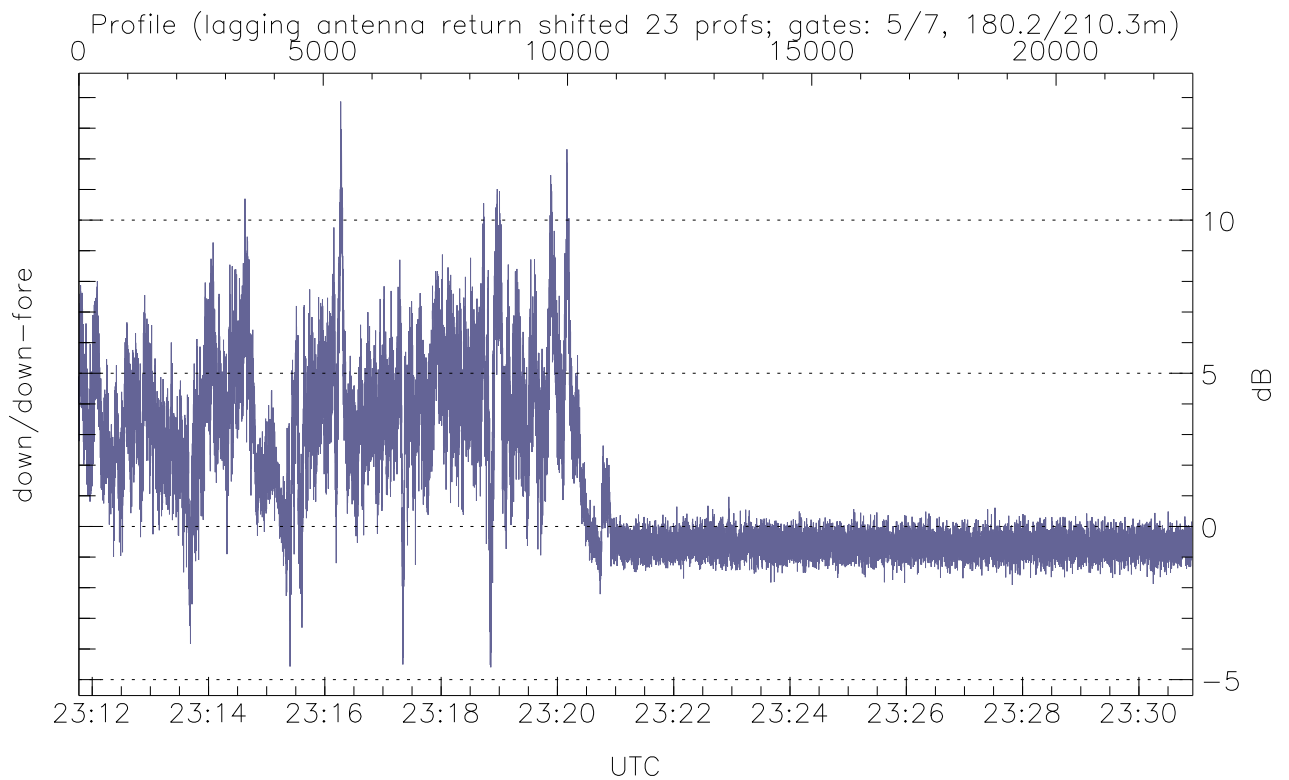
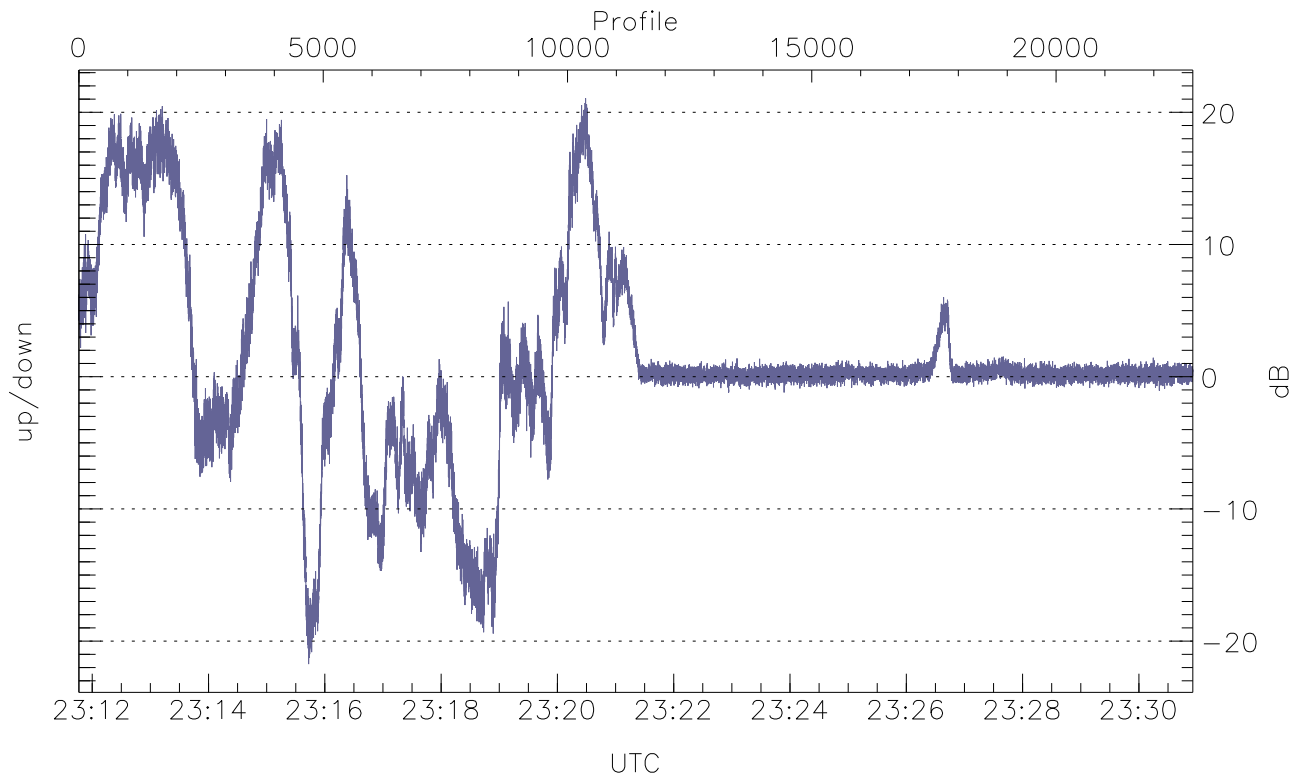


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



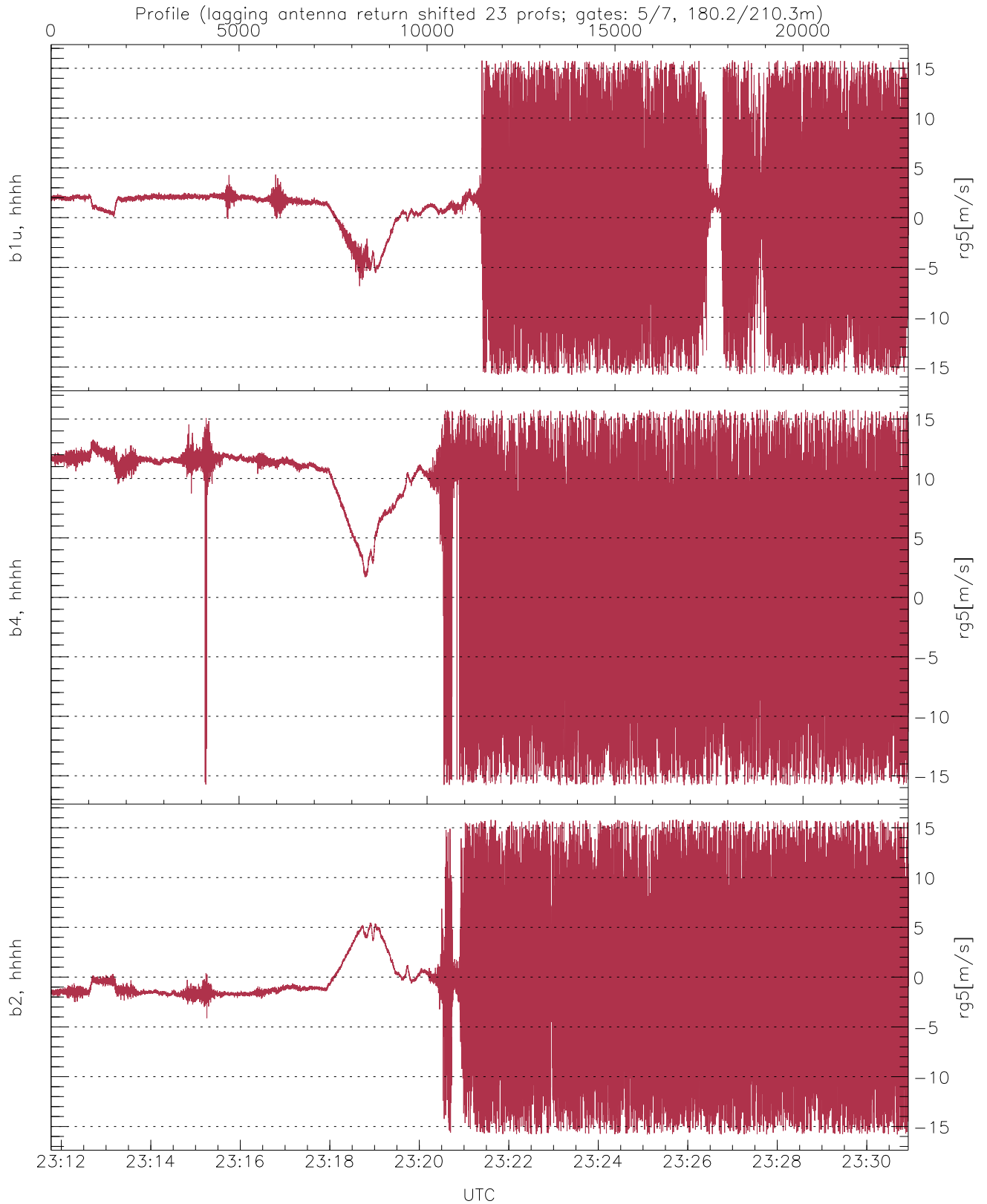
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.76	-34.64	-46.06
down-fore(hh[dBm])	-63.18	-35.88	-49.62
down(hh[dBm])	-63.79	-32.56	-46.62



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

	Min	Max	Mean
up/down (dB)	-21.73	21.06	1.32
down/down-fore (dB)	-4.60	13.87	1.40



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.58	5.99
b4, hhhh(rg5[m/s])	-15.80	15.79	4.82	8.51
b2, hhhh(rg5[m/s])	-15.80	15.79	-0.41	6.60