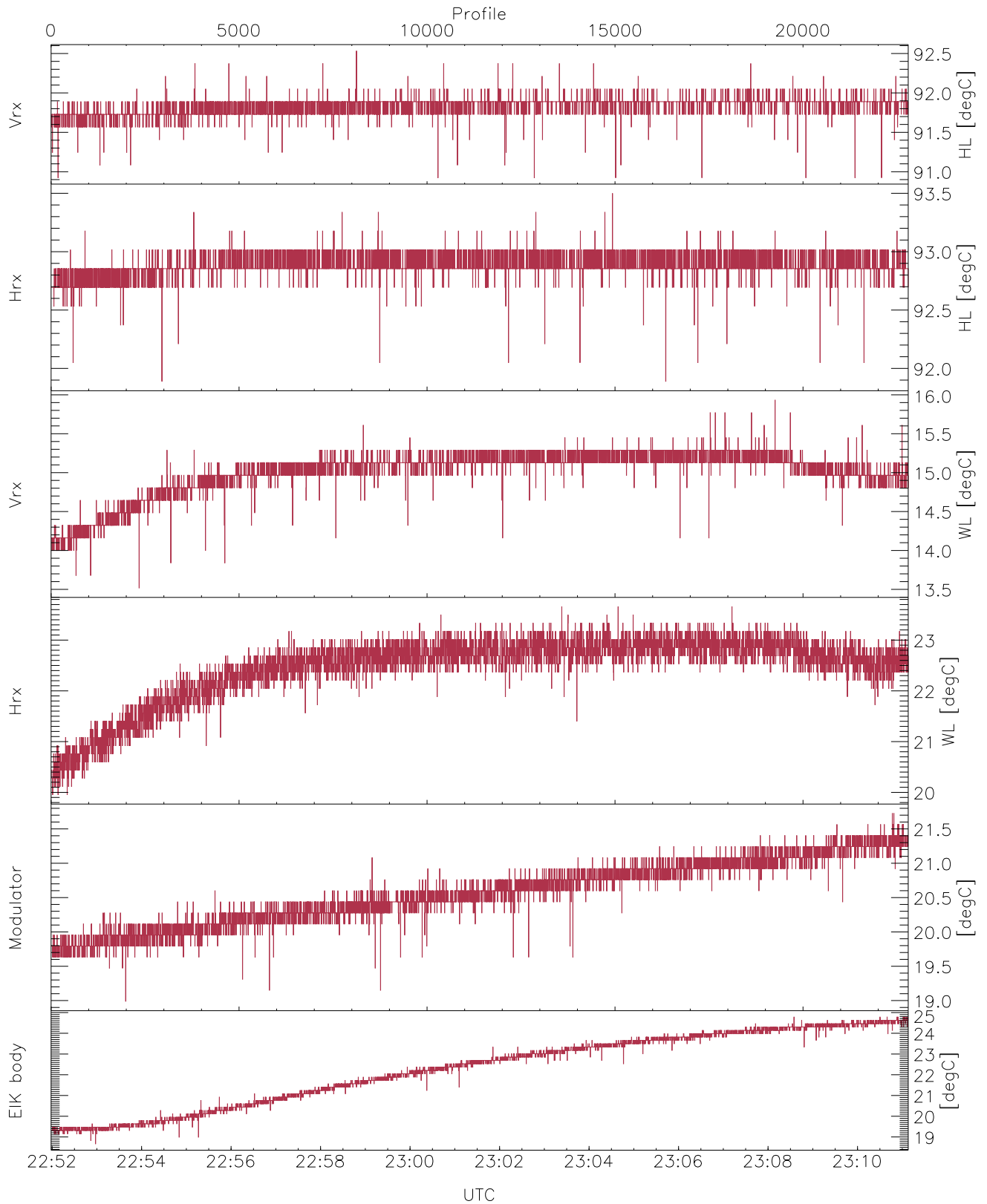


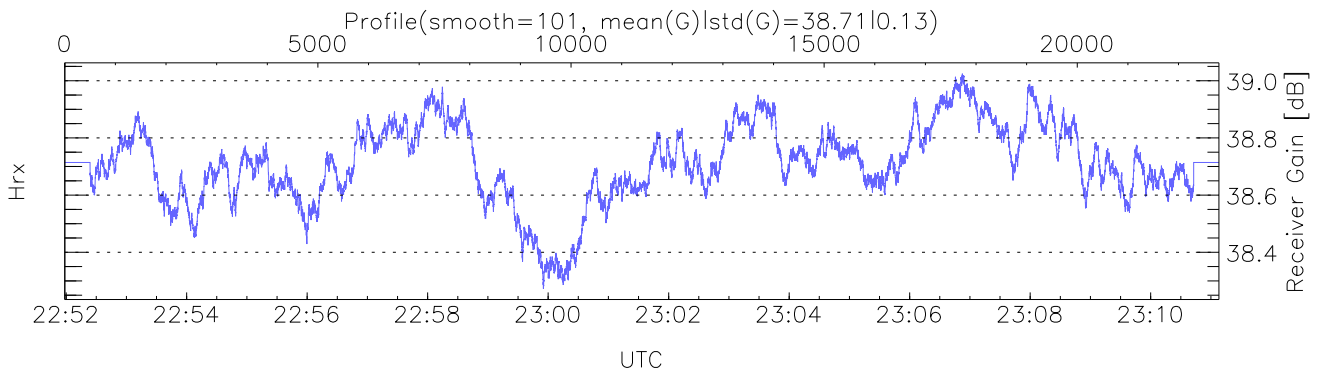
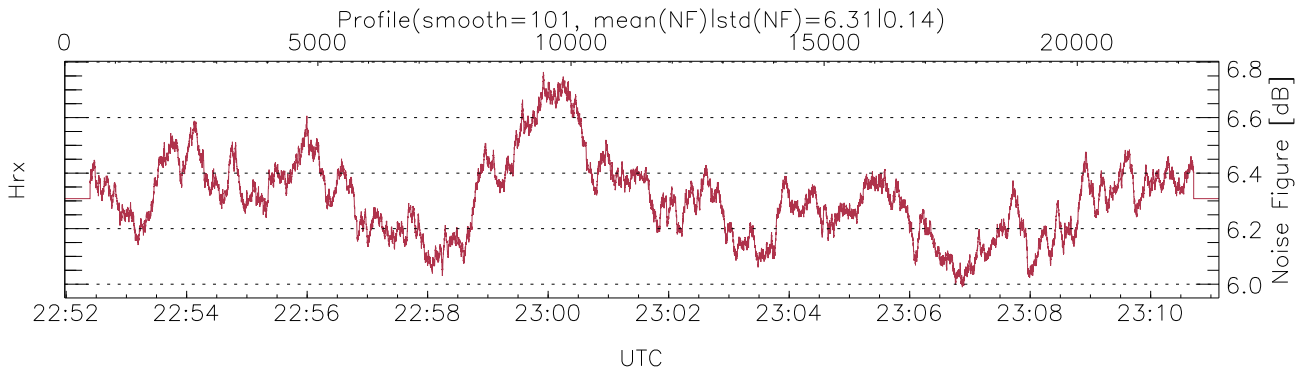
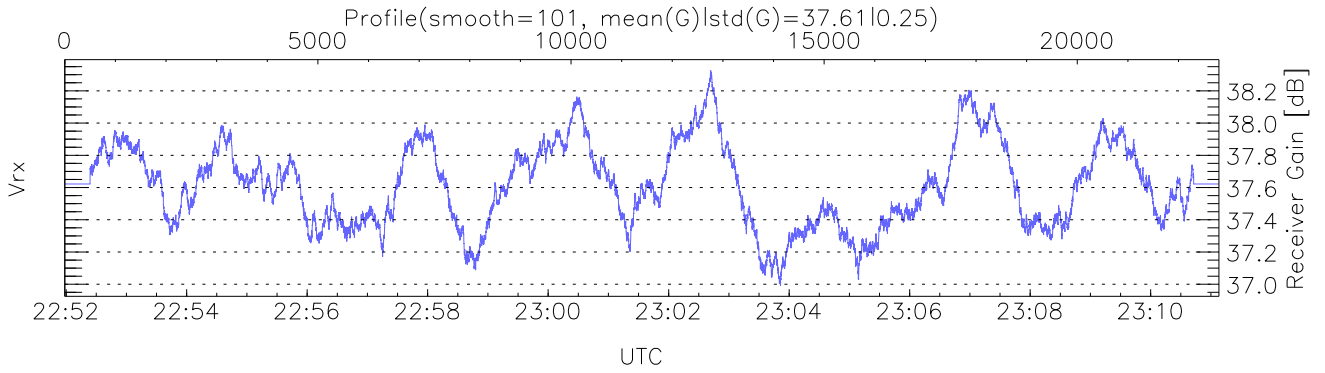
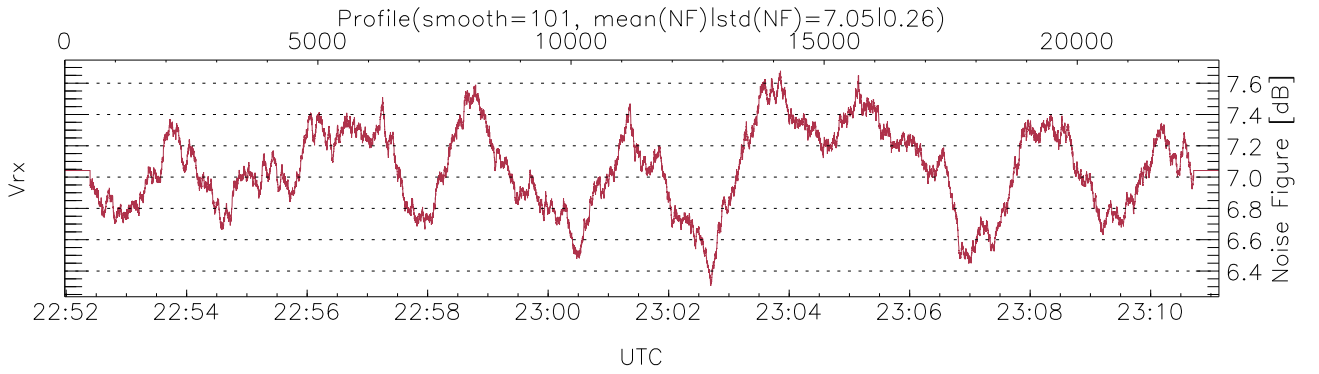
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:51:59-23:31:29, Dur: 2370.80s
 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): 22800/47029, 0-22799/22:51:59-23:11:08
 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



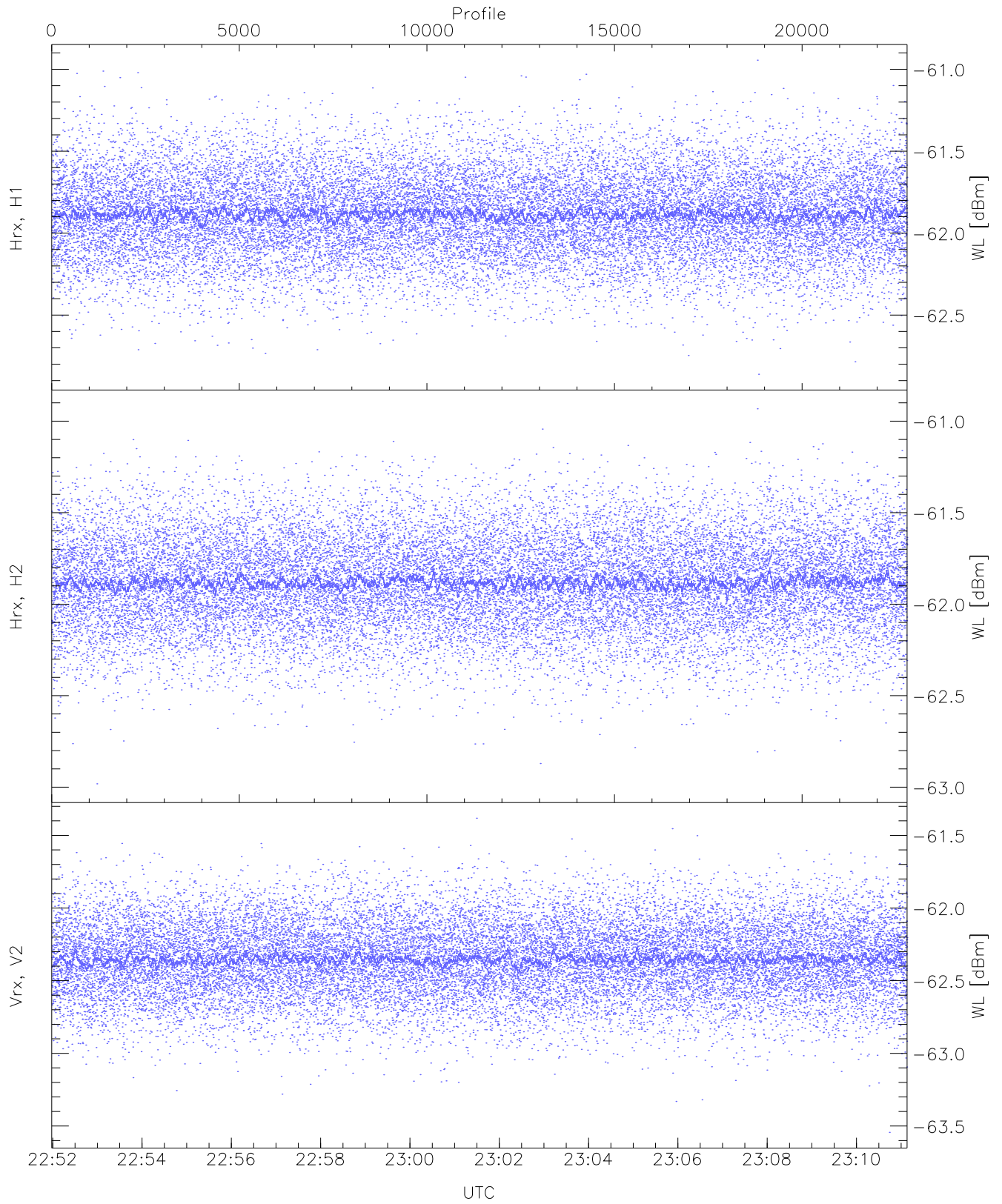
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,19,18,18`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,21,24`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`HVPS (10)`



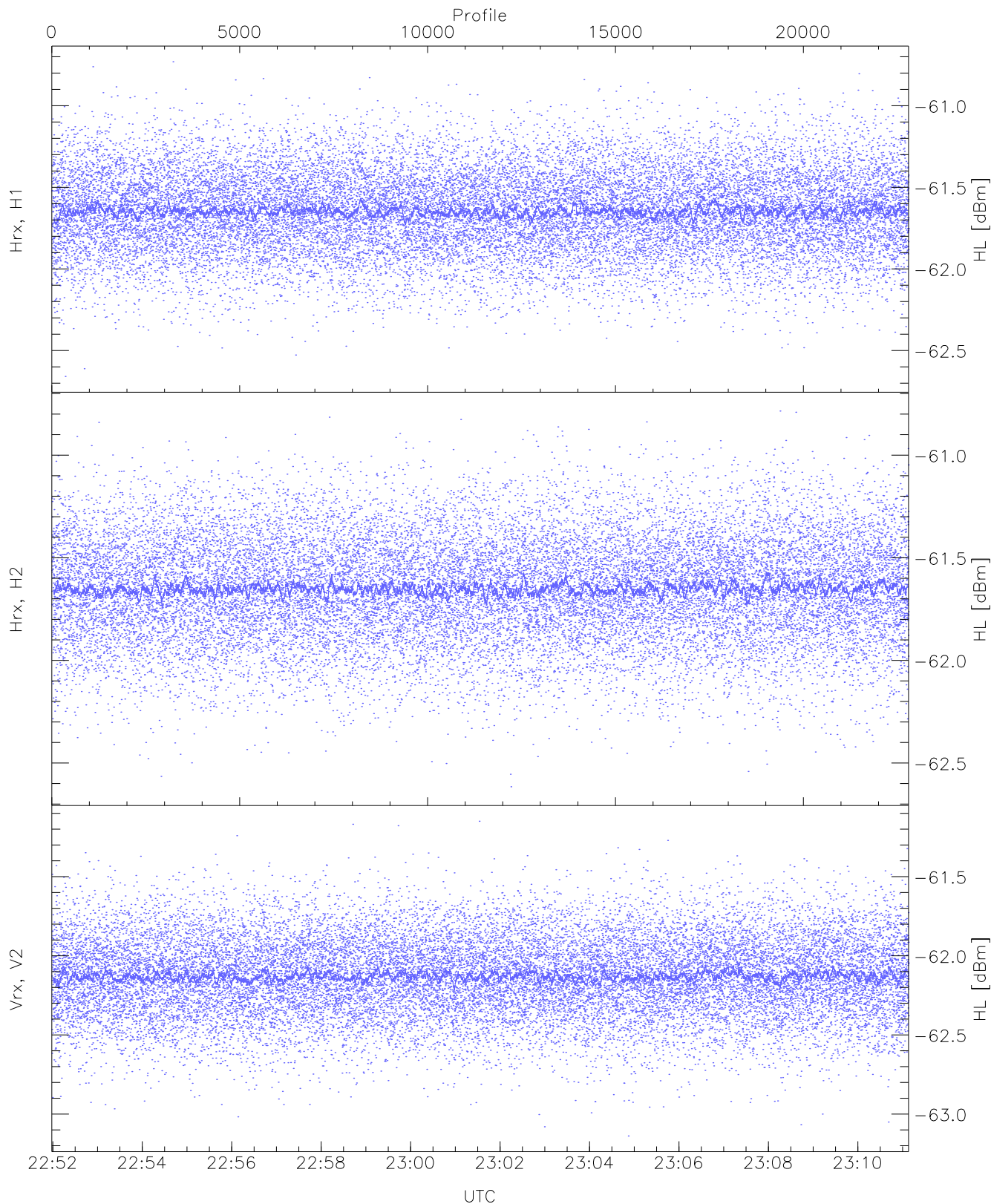
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4151 pixs, 23 gates, 4082 profs, 1 prods



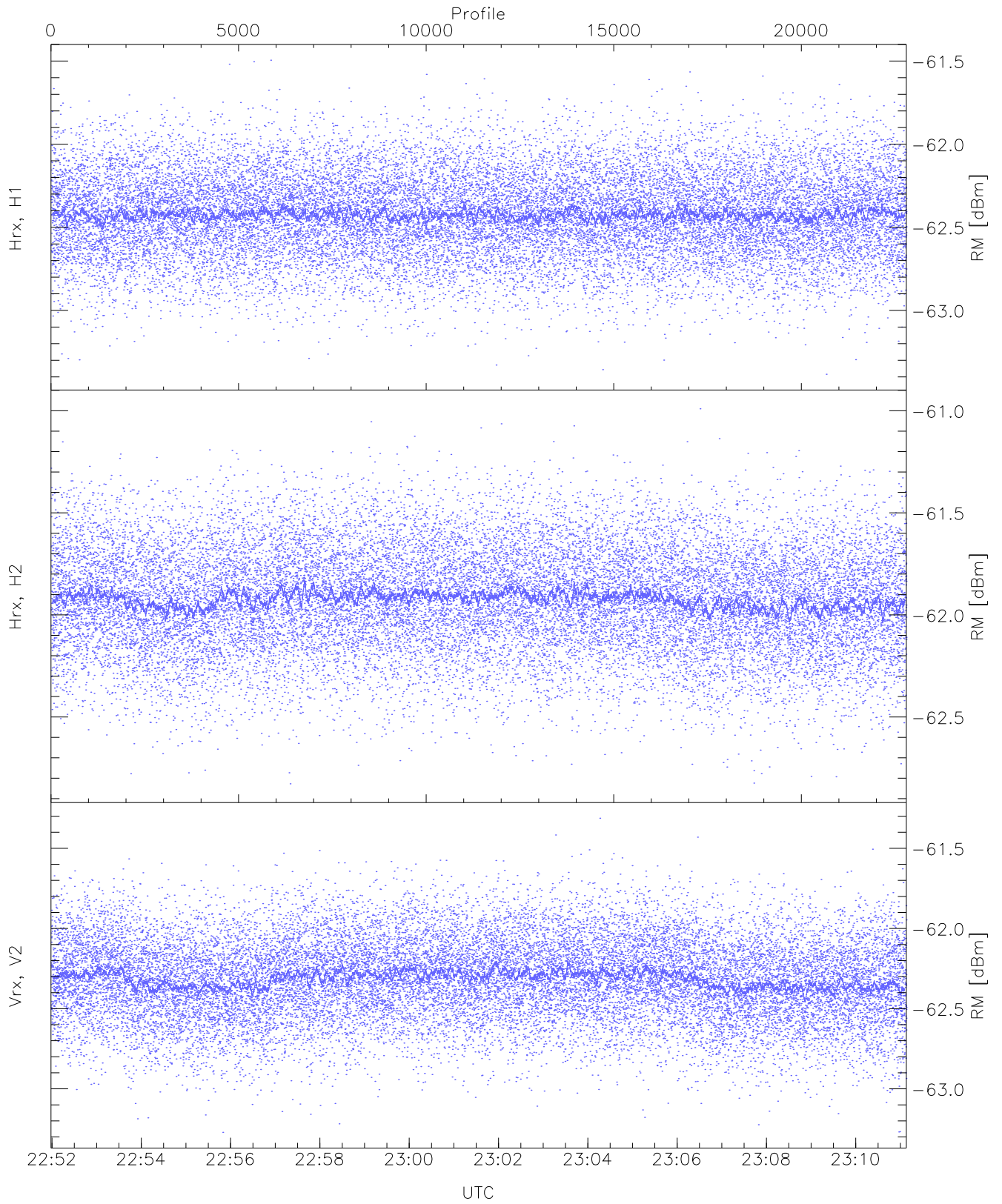
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.86	-60.94	-61.88	-61.89	-74.46
Hrx, H2(WL [dBm])	-62.98	-60.93	-61.88	-61.88	-74.47
Vrx, V2(WL [dBm])	-63.54	-61.38	-62.35	-62.36	-74.90



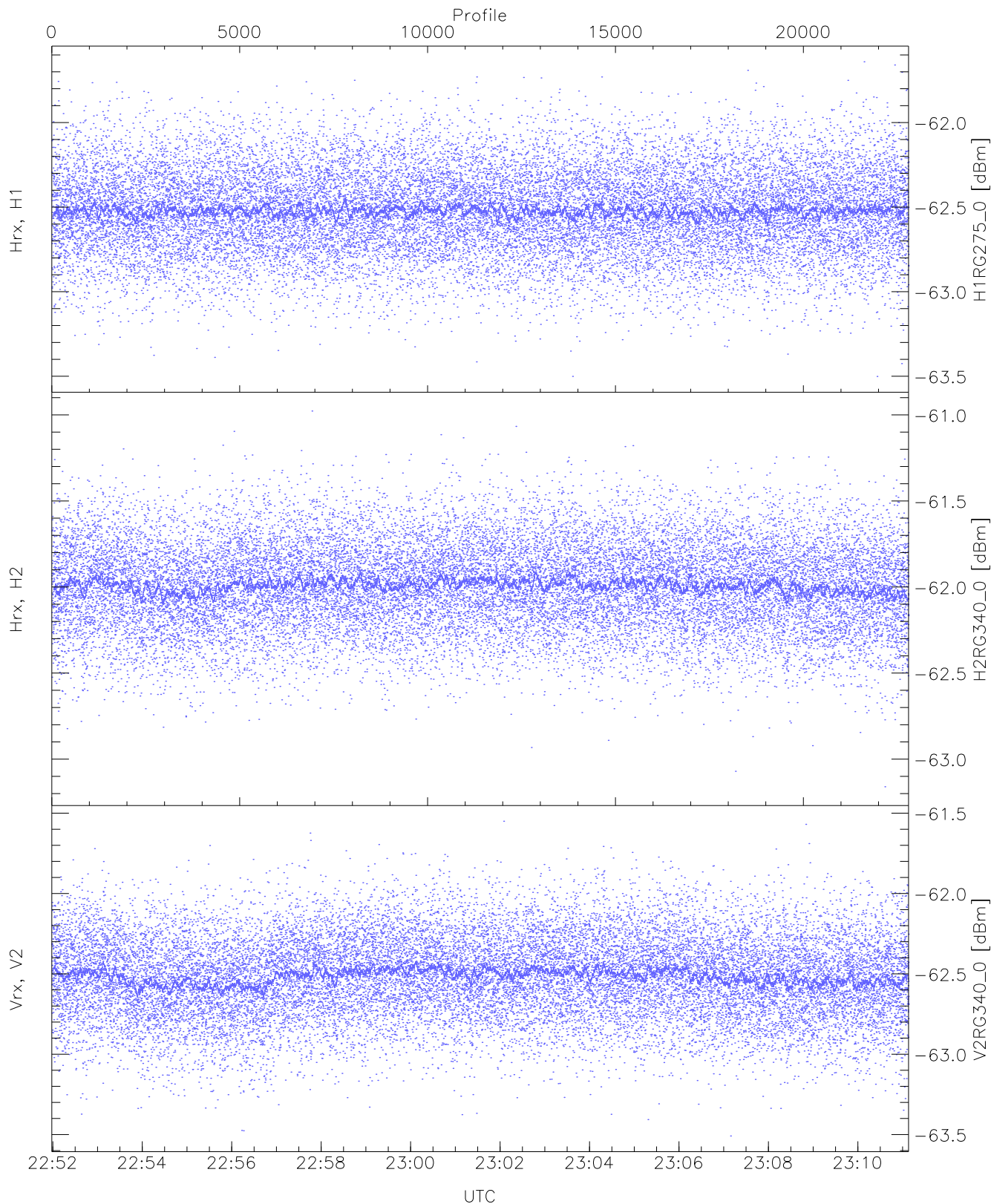
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.66	-60.73	-61.64	-61.65	-74.21
Hrx, H2 (HL [dBm])	-62.62	-60.78	-61.65	-61.65	-74.20
Vrx, V2 (HL [dBm])	-63.14	-61.15	-62.13	-62.13	-74.71



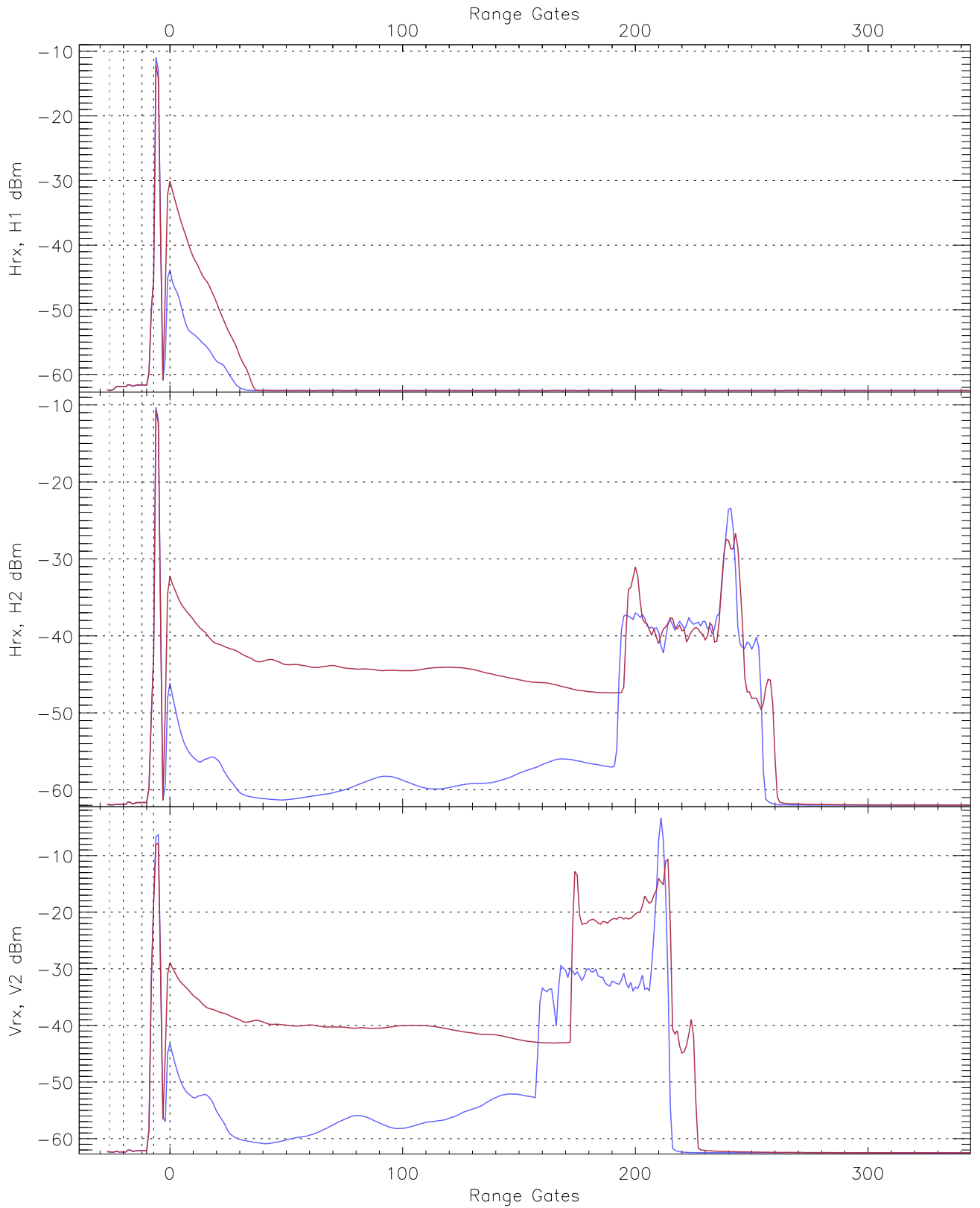
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.38	-61.49	-62.42	-62.43	-74.98
Hrx, H2 (RM [dBm])	-62.83	-60.99	-61.92	-61.93	-74.47
Vrx, V2 (RM [dBm])	-63.27	-61.31	-62.31	-62.32	-74.86

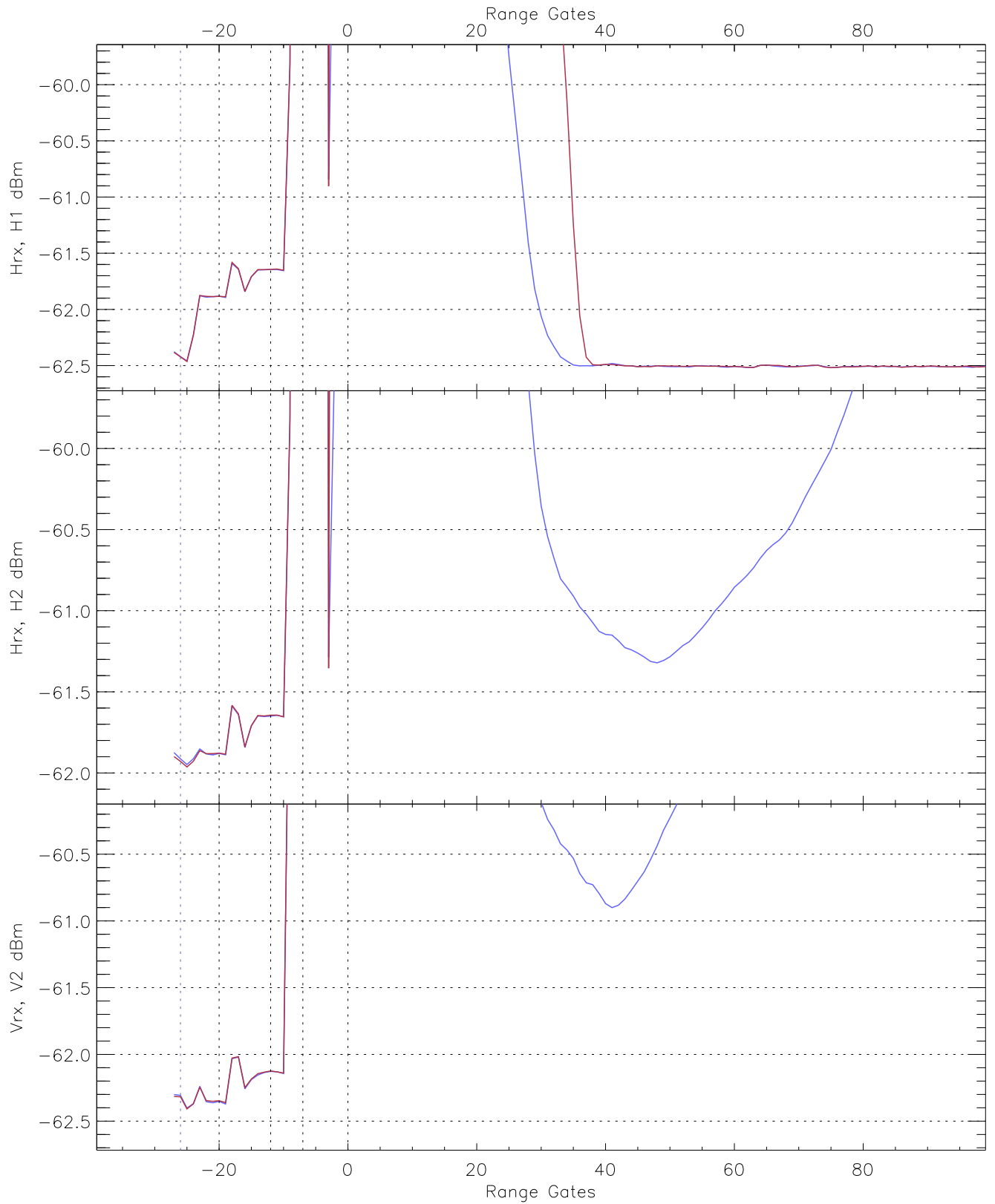


WCR2 CPP "Best" estimate Receivers Noise Power

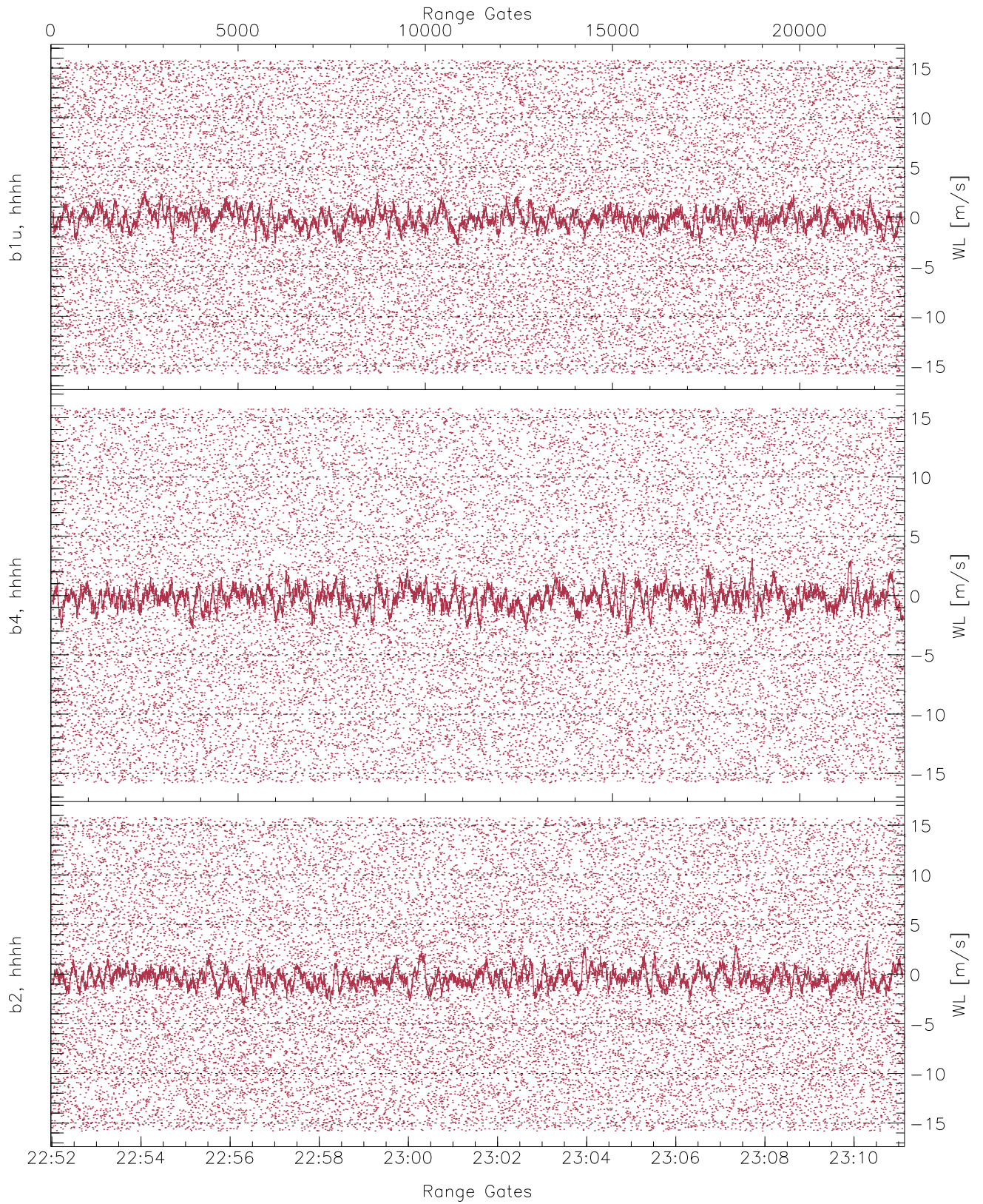
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.50	-61.64	-62.52	-62.53	-75.09
H2RG340_0 [dBm]	-63.16	-60.98	-61.99	-61.99	-74.53
V2RG340_0 [dBm]	-63.51	-61.55	-62.51	-62.52	-75.01



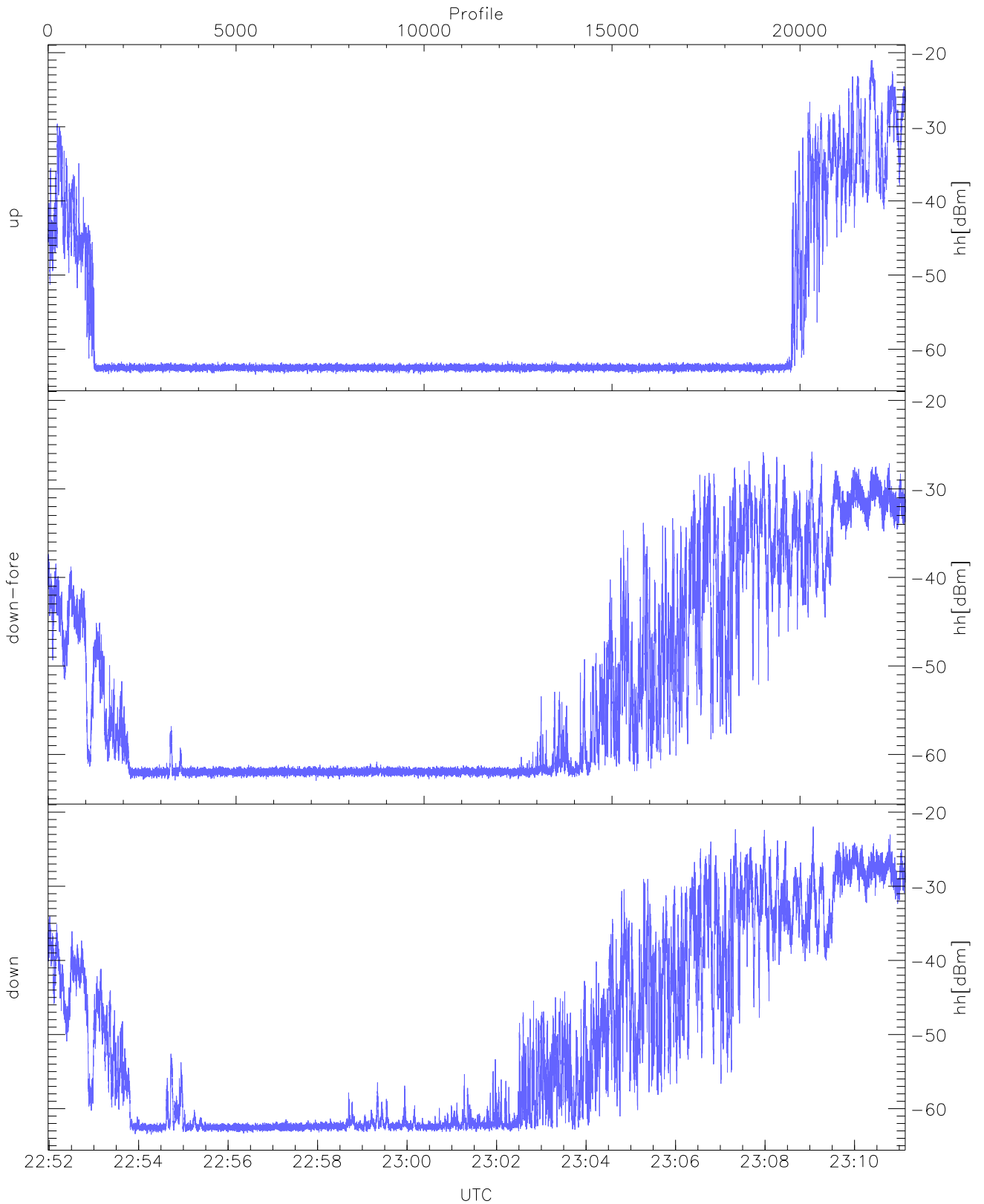
WCR2 CPP Averaged Received power for all recorded gates
blue: 225159-230133, 11401 profiles averaged
red: 230133-231108, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 225159-230133, 11401 profiles averaged
red: 230133-231108, 11400 profiles averaged

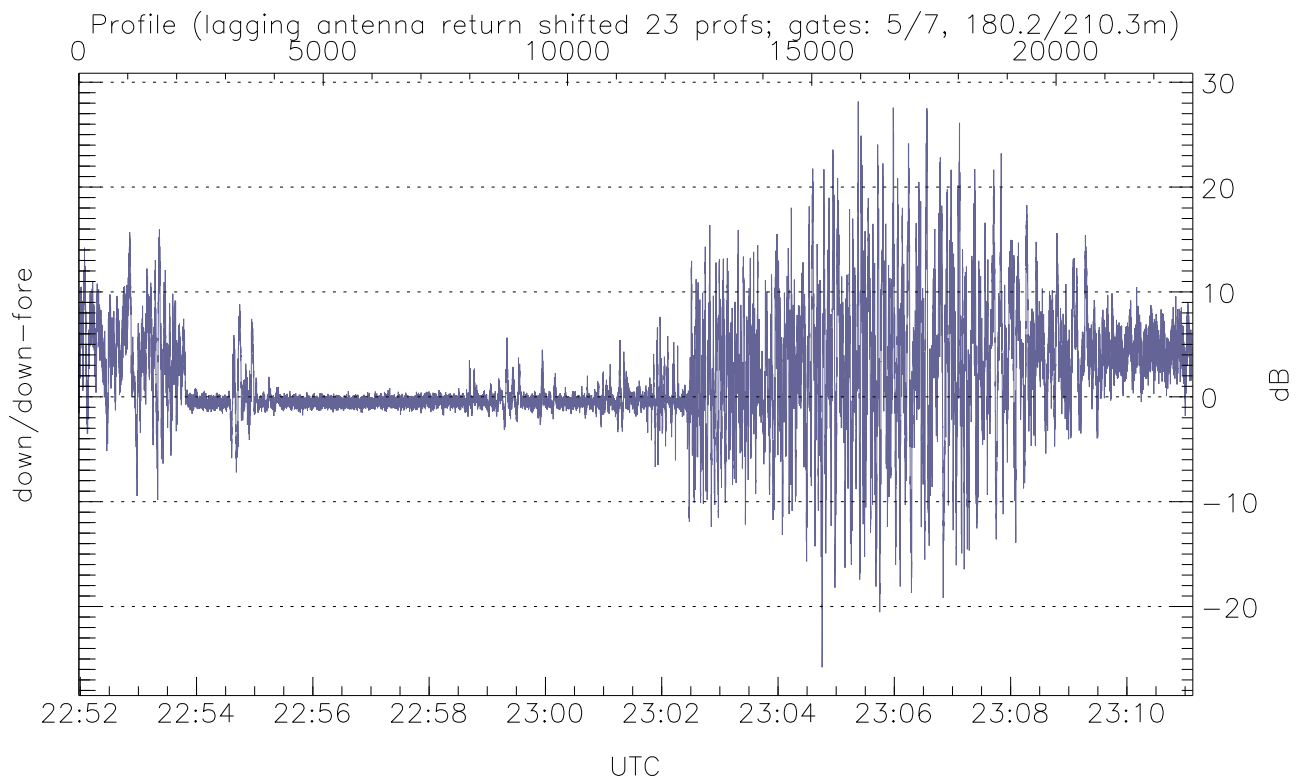
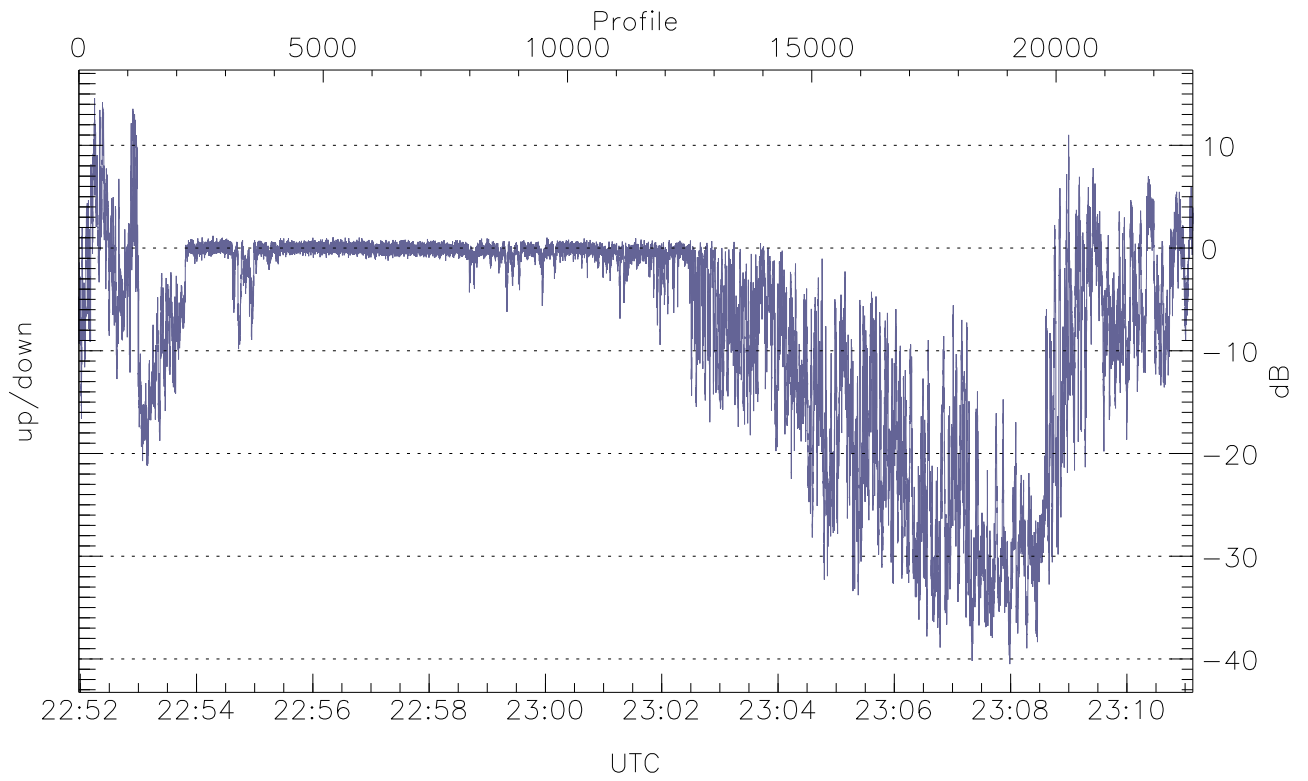


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



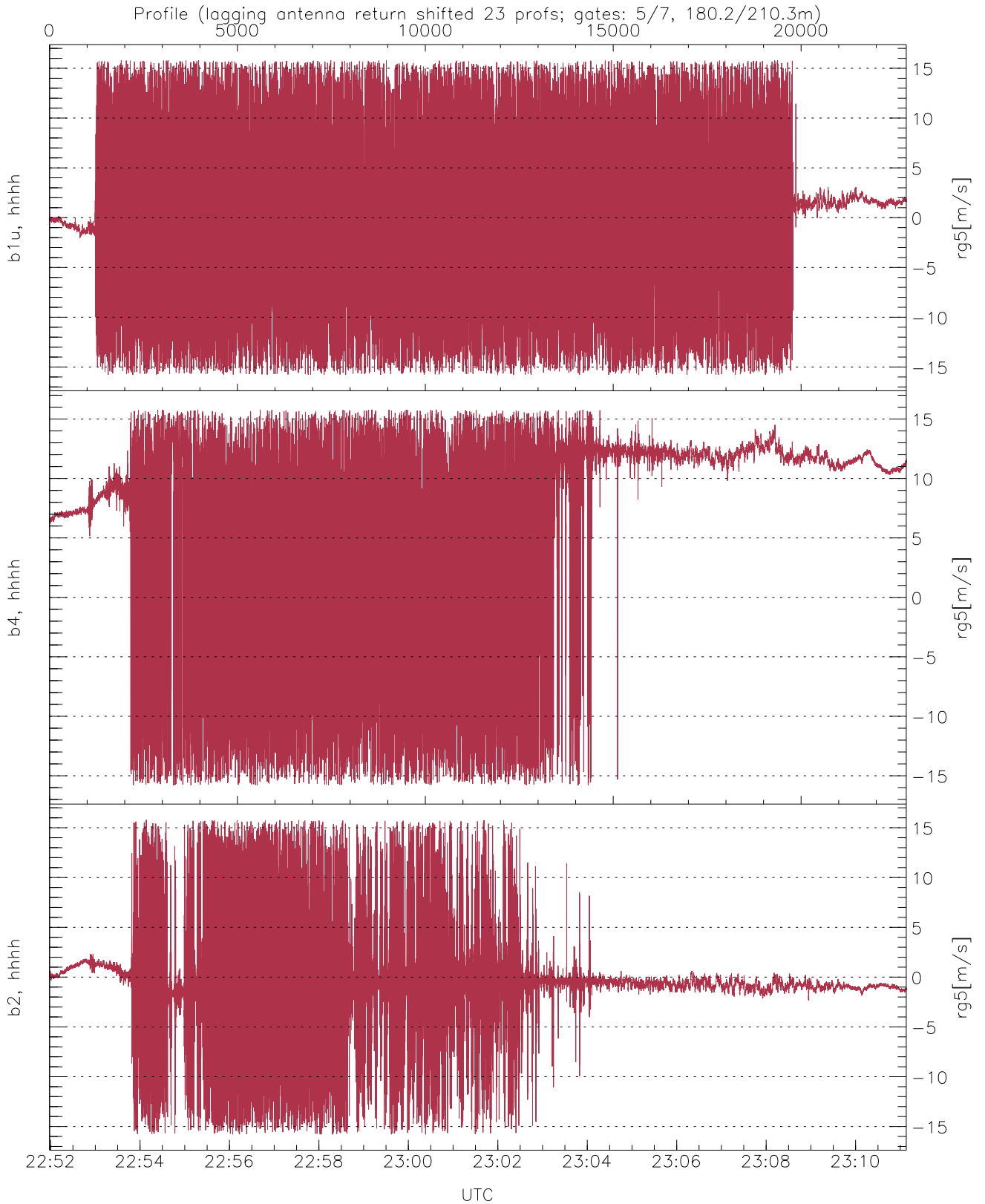
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.48	-21.03	-39.39
down-fore(hh[dBm])	-62.97	-25.81	-38.85
down(hh[dBm])	-63.48	-21.95	-35.44



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

	Min	Max	Mean
up/down (dB)	-40.50	14.58	-7.23
down/down-fore (dB)	-25.79	28.16	1.78



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.80	0.06	8.13
b4, hhhh(rg5[m/s])	-15.80	15.79	5.71	8.58
b2, hhhh(rg5[m/s])	-15.80	15.79	-0.53	5.03