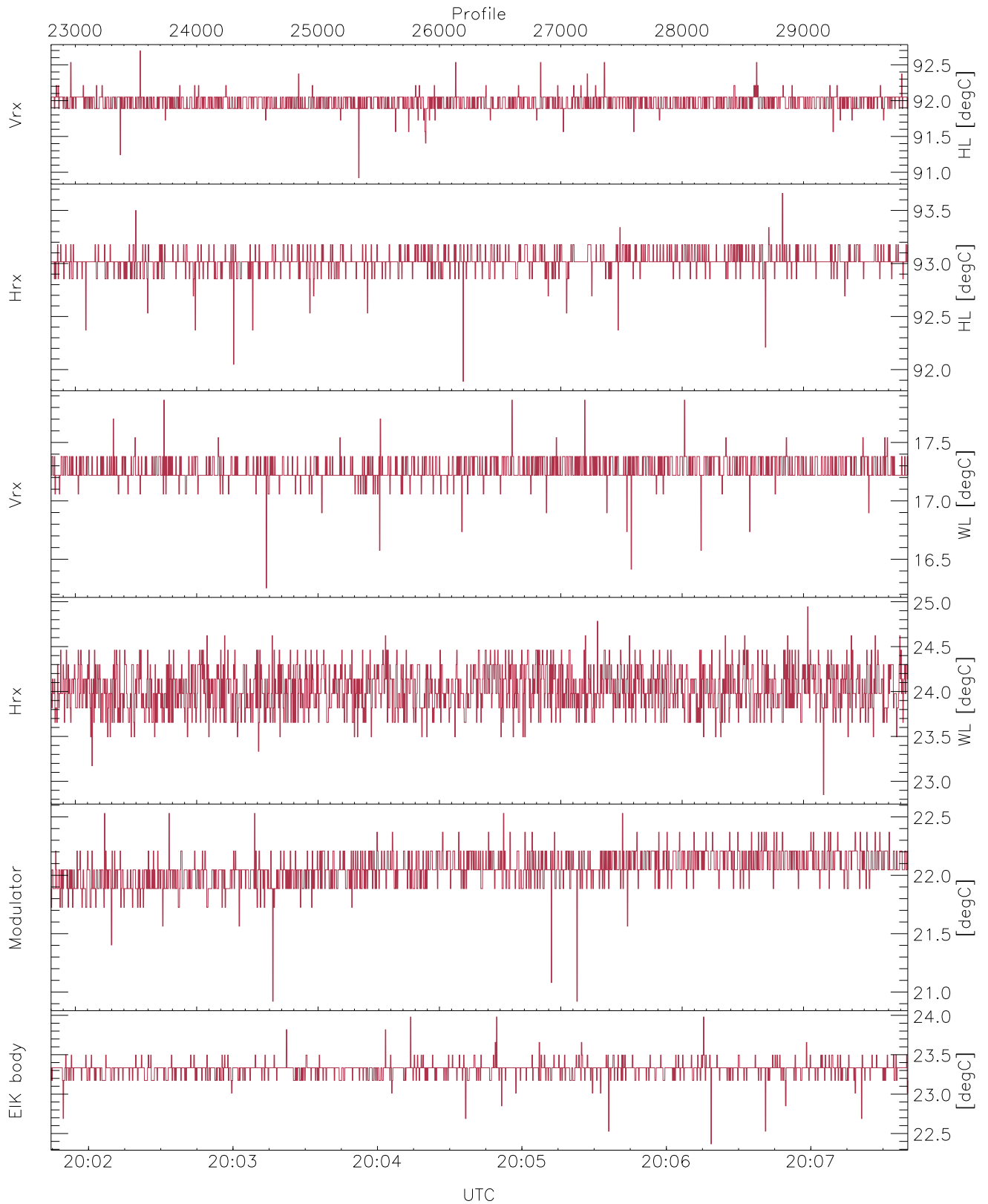


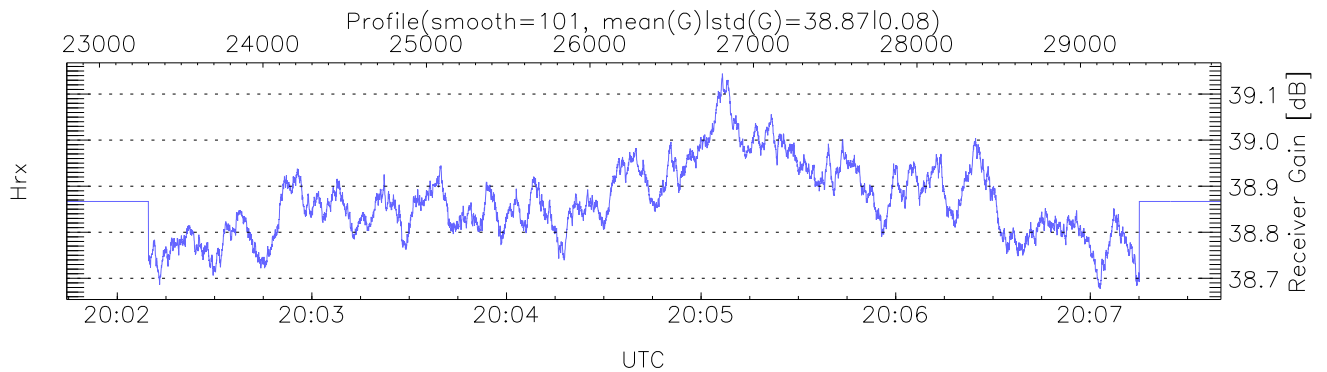
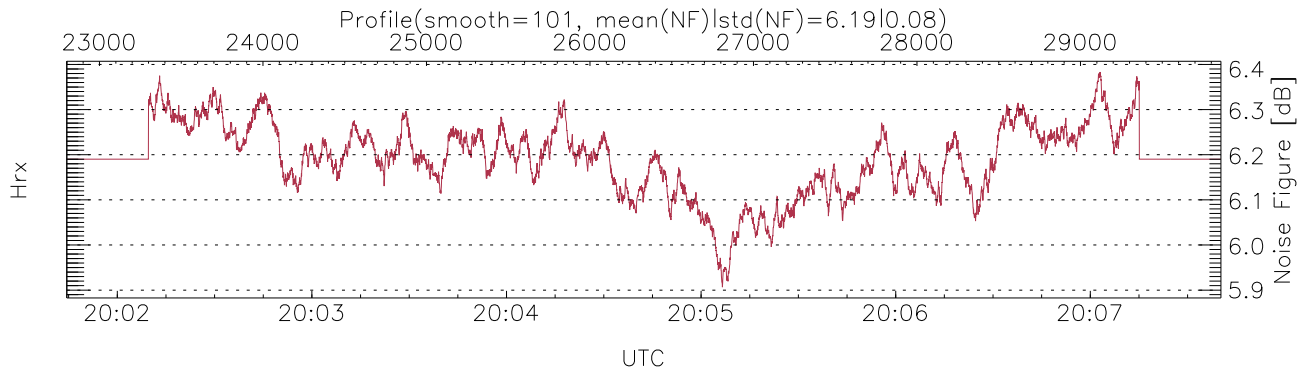
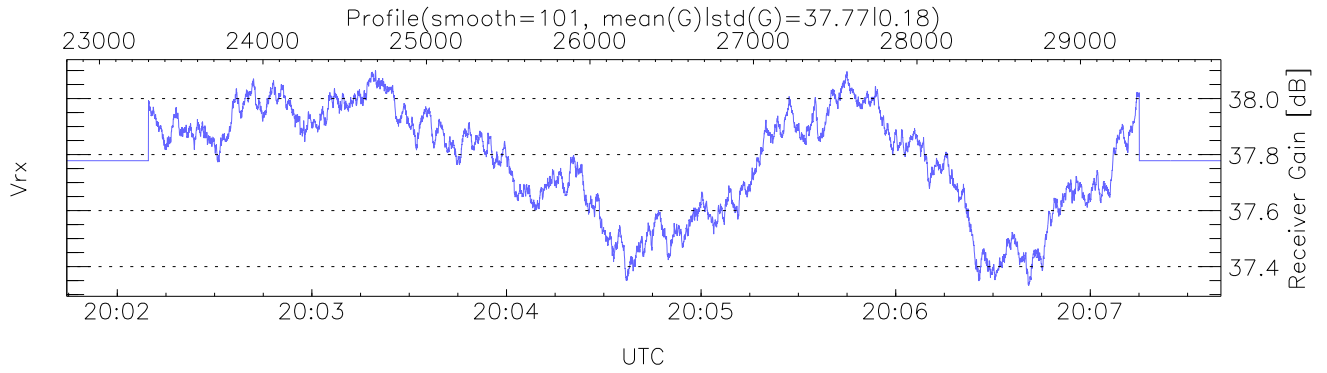
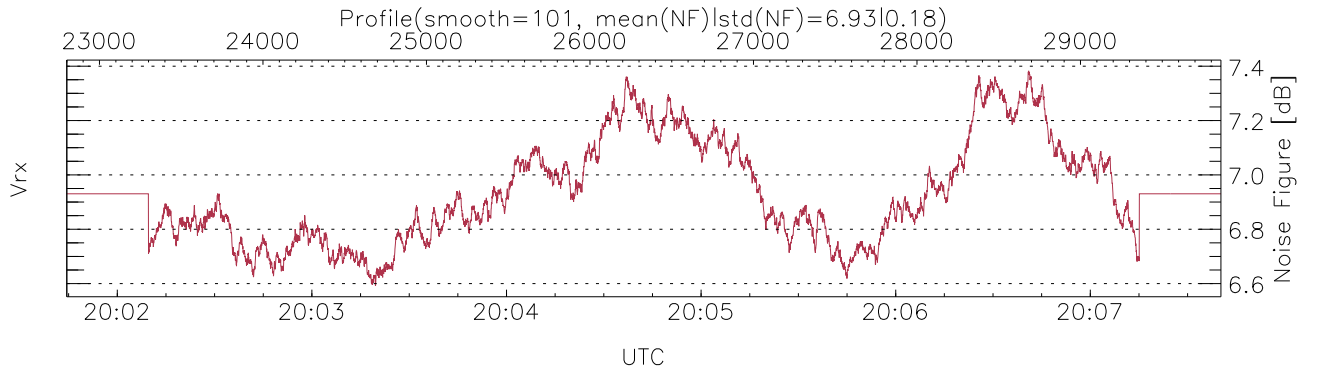
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:42:35-20:07:40, Dur: 1505.27s
 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): 7060/29860, 22800-29859/20:01:44-20:07:40
 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



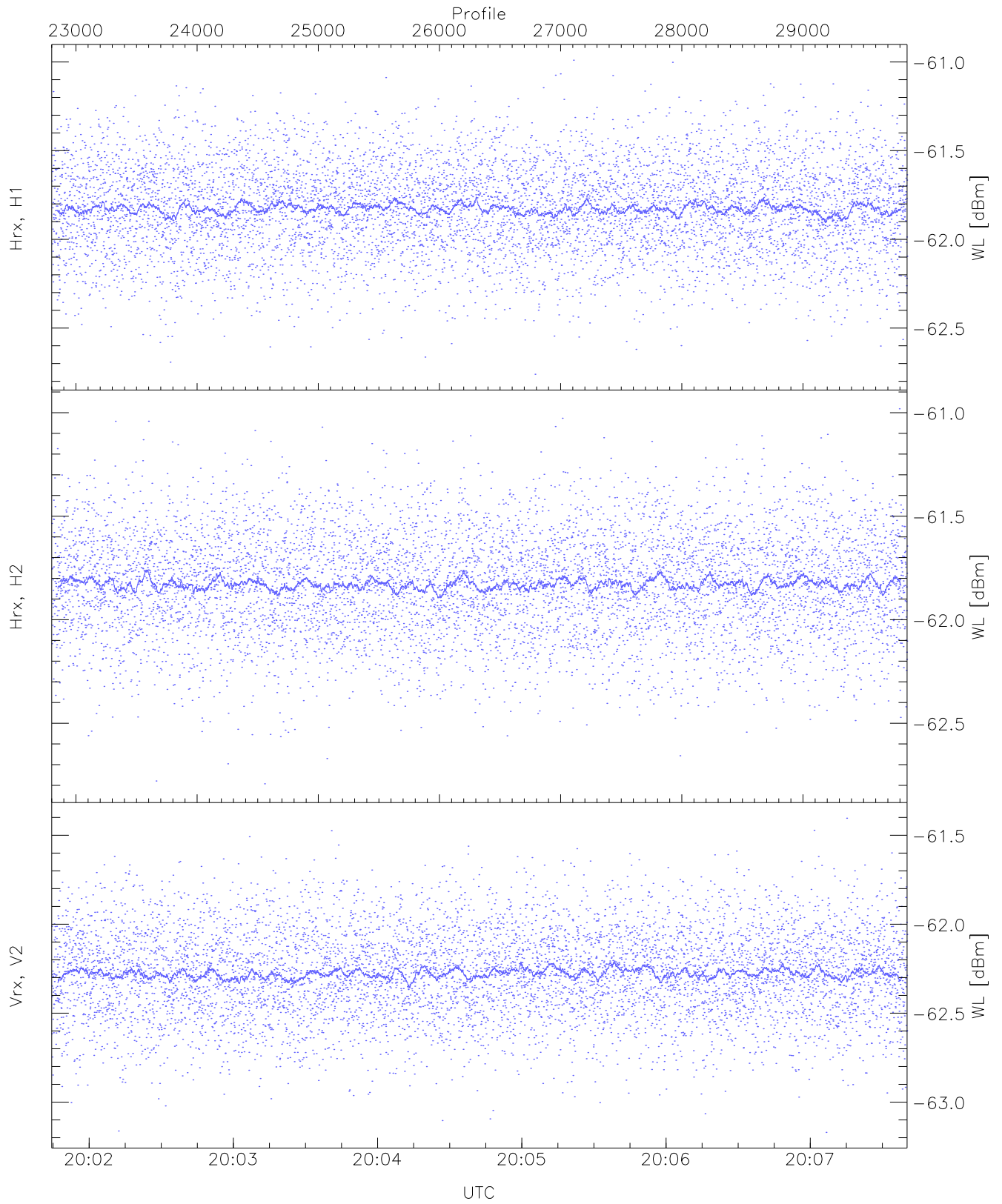
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,16,22,20,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,24,22,23
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



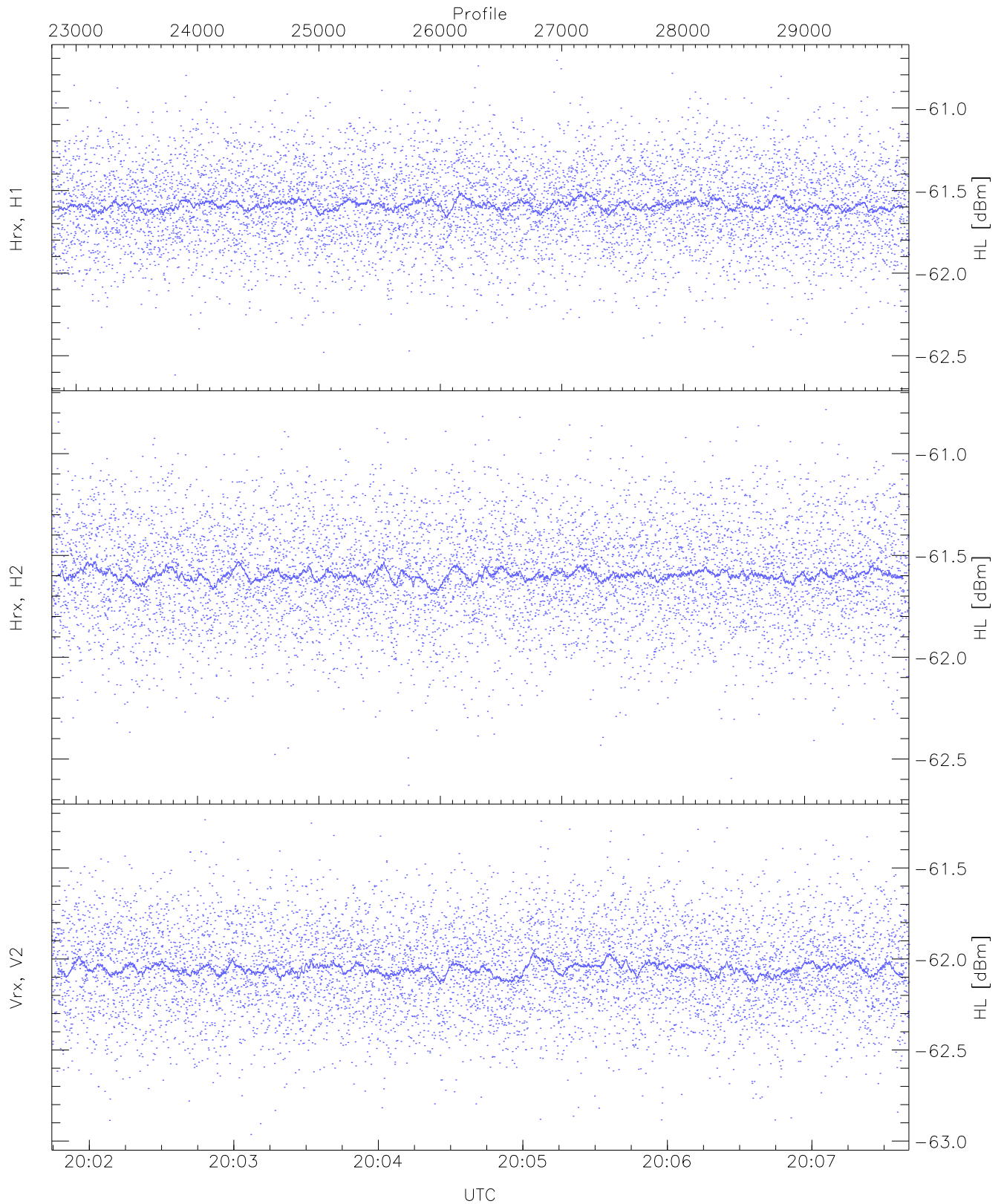
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3437 pixs, 15 gates, 3373 profs, 2 prods



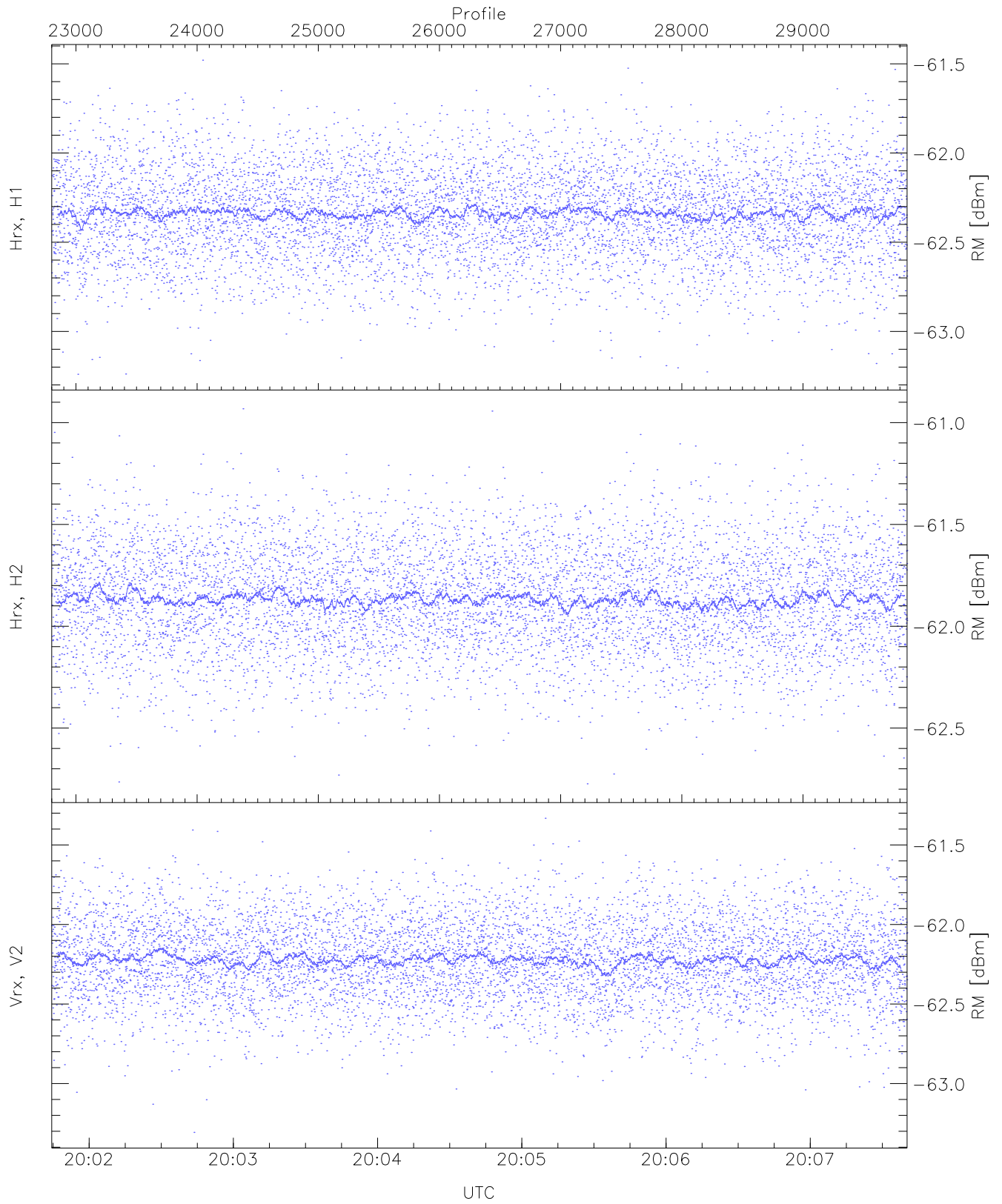
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.76	-60.99	-61.82	-61.82	-74.34
Hrx, H2 (WL [dBm])	-62.79	-60.98	-61.82	-61.83	-74.44
Vrx, V2 (WL [dBm])	-63.17	-61.40	-62.27	-62.28	-74.87



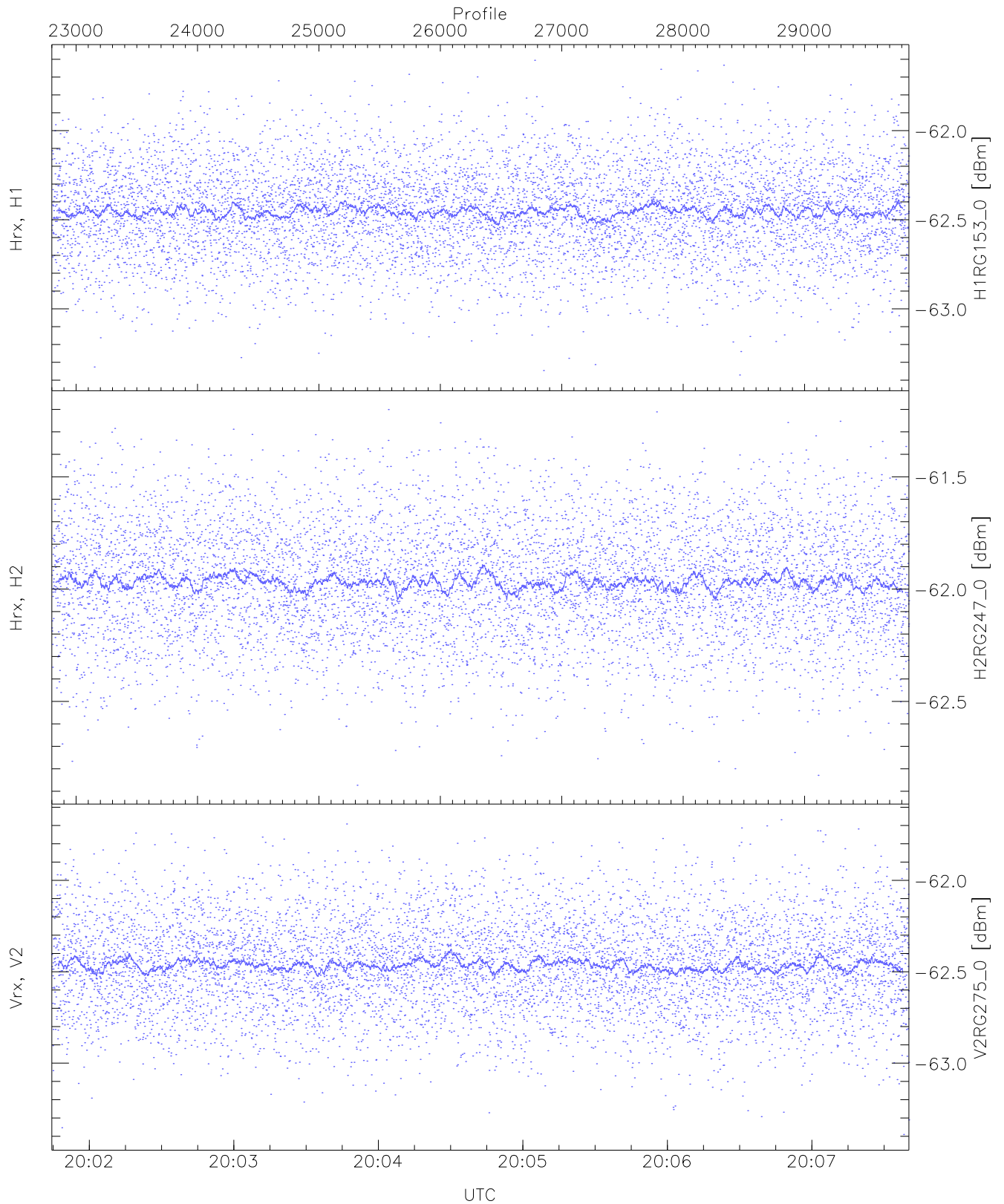
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.62	-60.71	-61.58	-61.59	-74.14
Hrx, H2 (HL [dBm])	-62.63	-60.78	-61.59	-61.60	-74.16
Vrx, V2 (HL [dBm])	-62.96	-61.24	-62.05	-62.05	-74.65



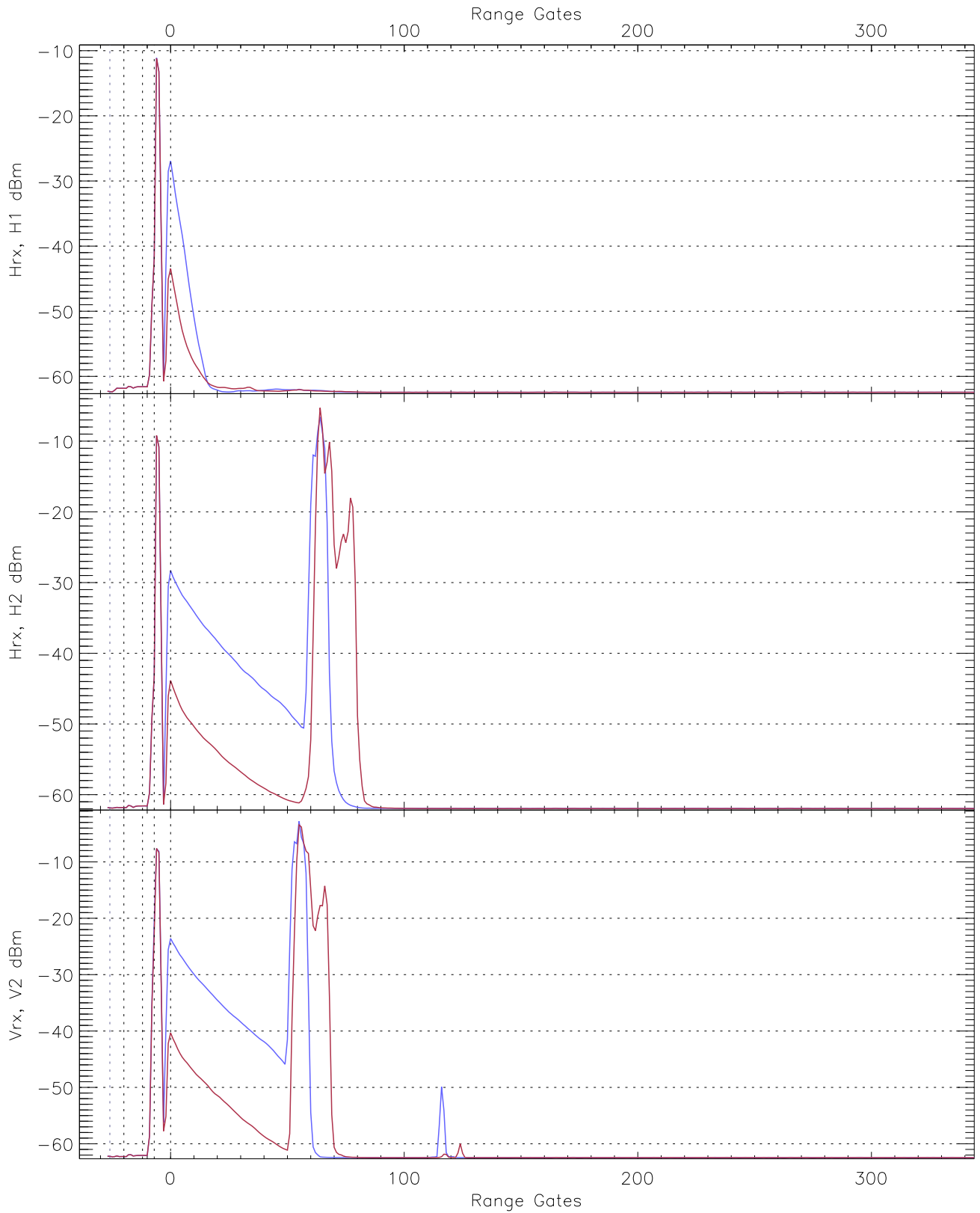
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.24	-61.48	-62.33	-62.34	-74.89
Hrx, H2 (RM [dBm])	-62.77	-60.93	-61.86	-61.87	-74.45
Vrx, V2 (RM [dBm])	-63.31	-61.33	-62.22	-62.22	-74.80

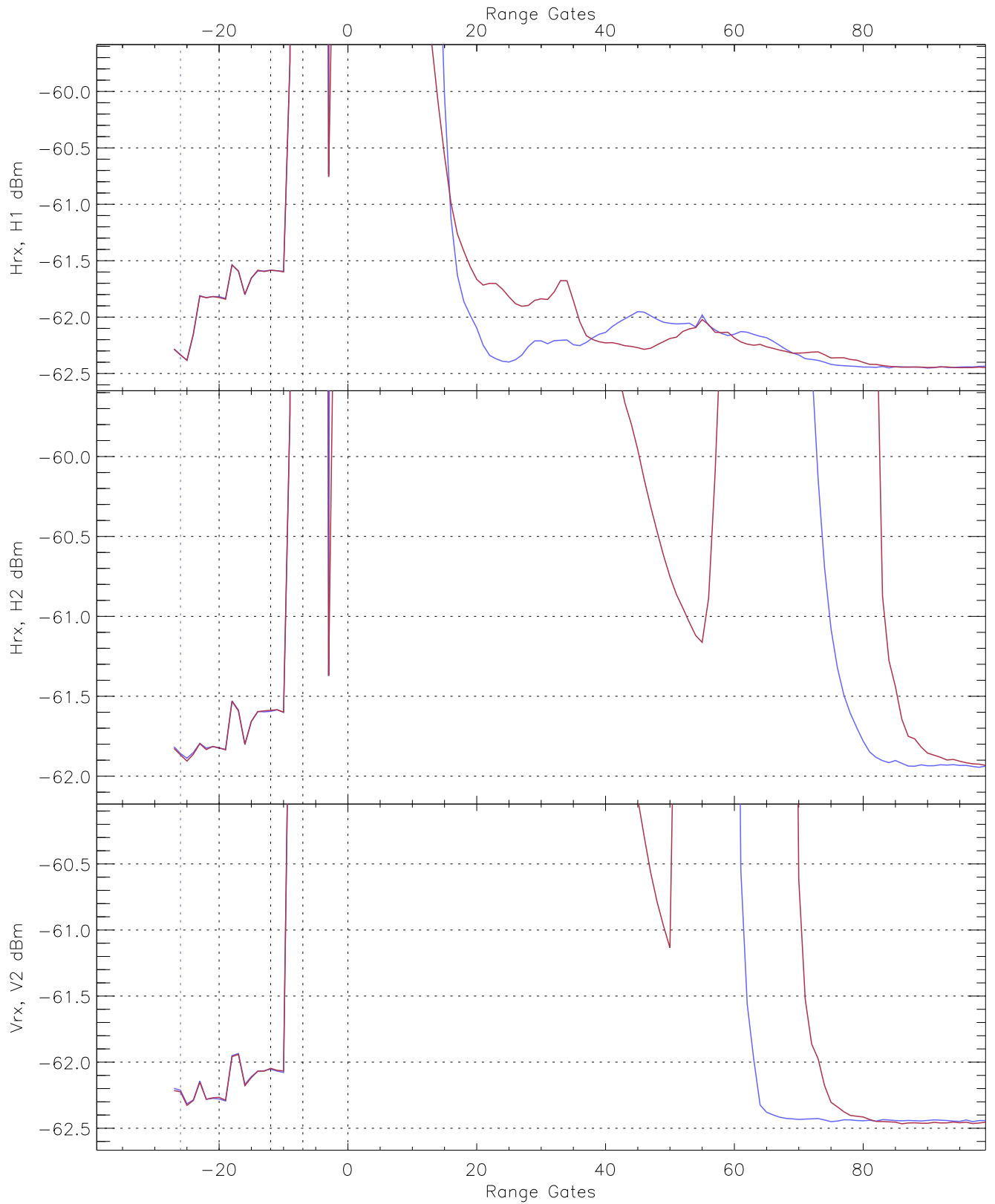


WCR2 CPP "Best" estimate Receivers Noise Power

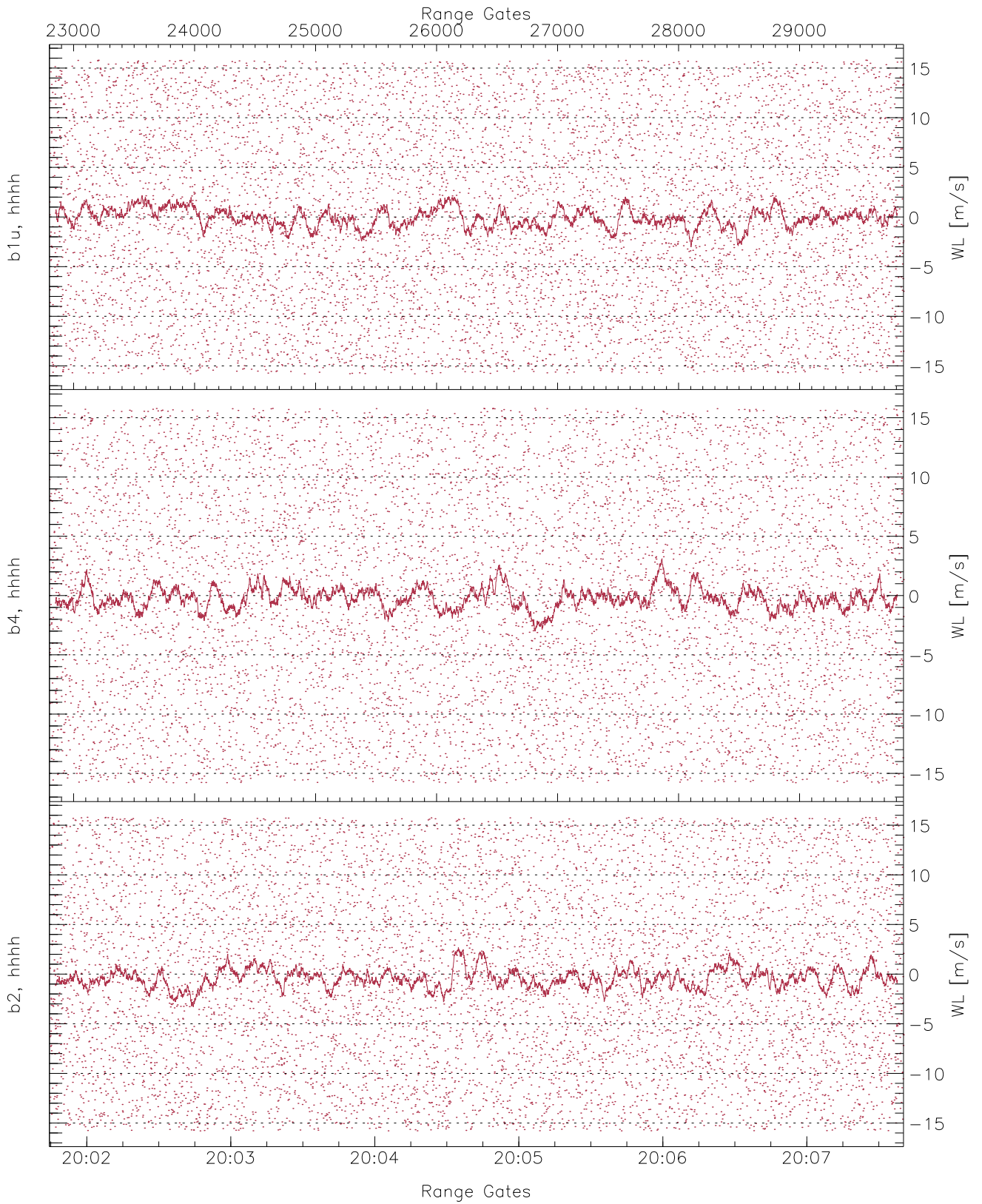
	Min	Max	Mean	Median	StDev
H1RG153_0 [dBm]	-63.37	-61.61	-62.45	-62.45	-75.01
H2RG247_0 [dBm]	-62.87	-61.20	-61.96	-61.97	-74.54
V2RG275_0 [dBm]	-63.39	-61.67	-62.46	-62.46	-75.00



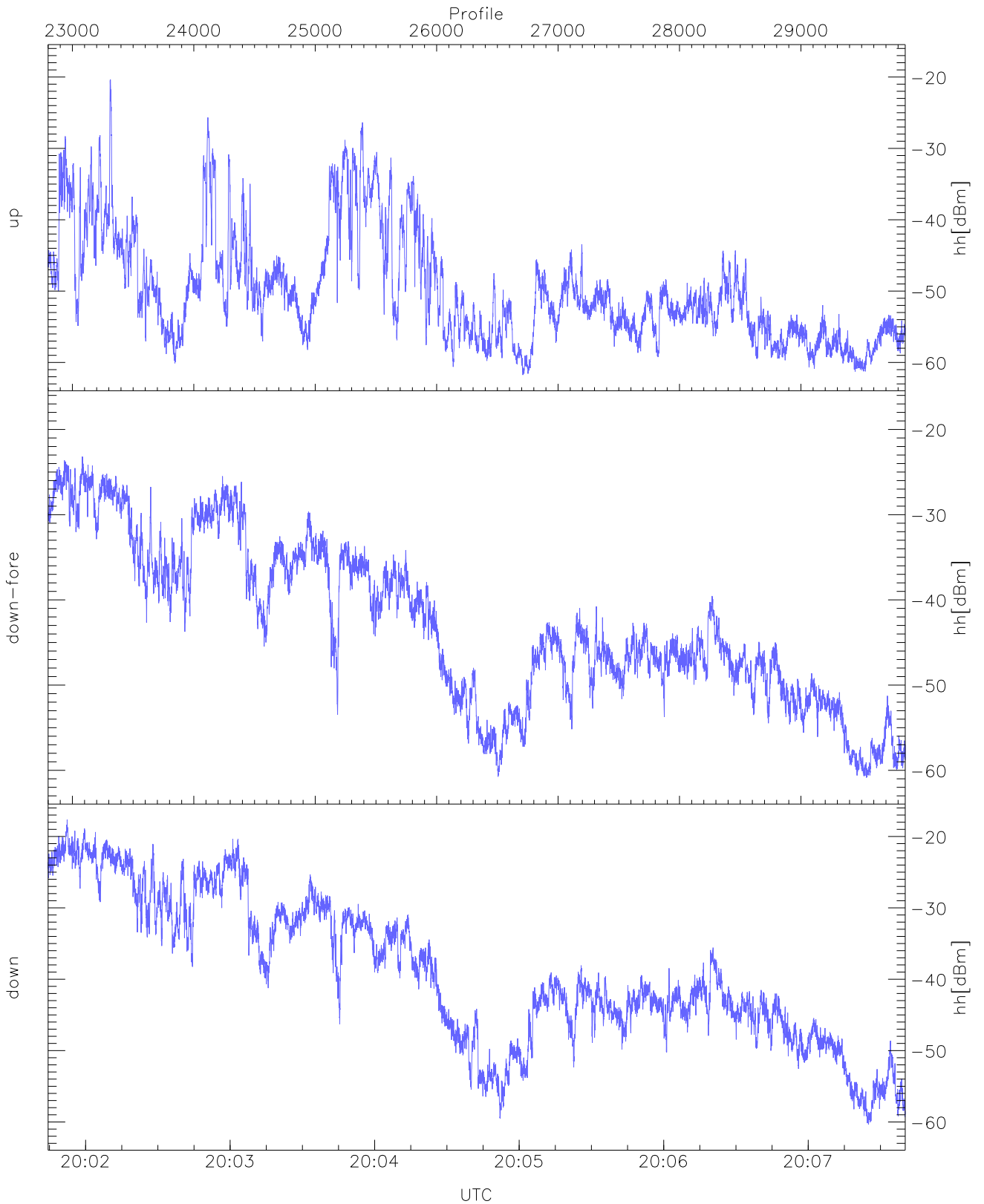
WCR2 CPP Averaged Received power for all recorded gates
blue: 200144-200442, 3531 profiles averaged
red: 200442-200740, 3530 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 200144-200442, 3531 profiles averaged
red: 200442-200740, 3530 profiles averaged

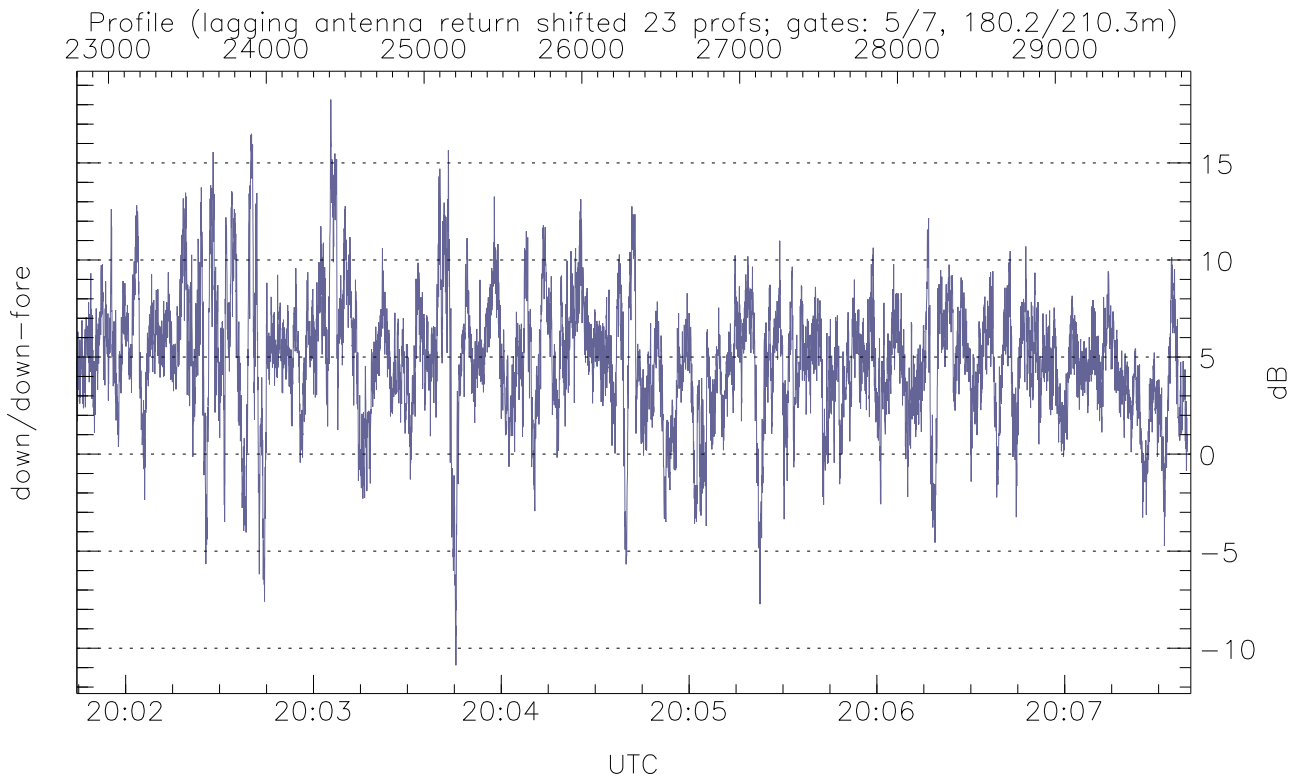
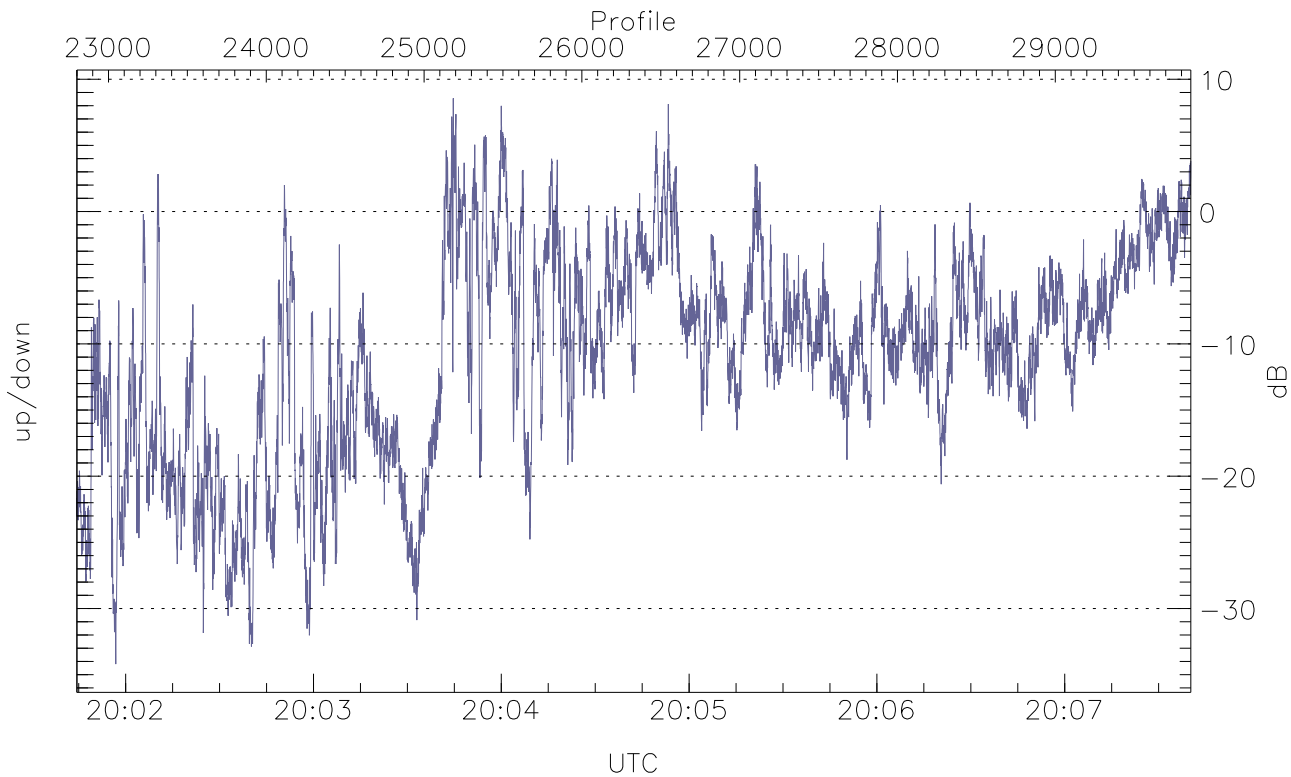


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



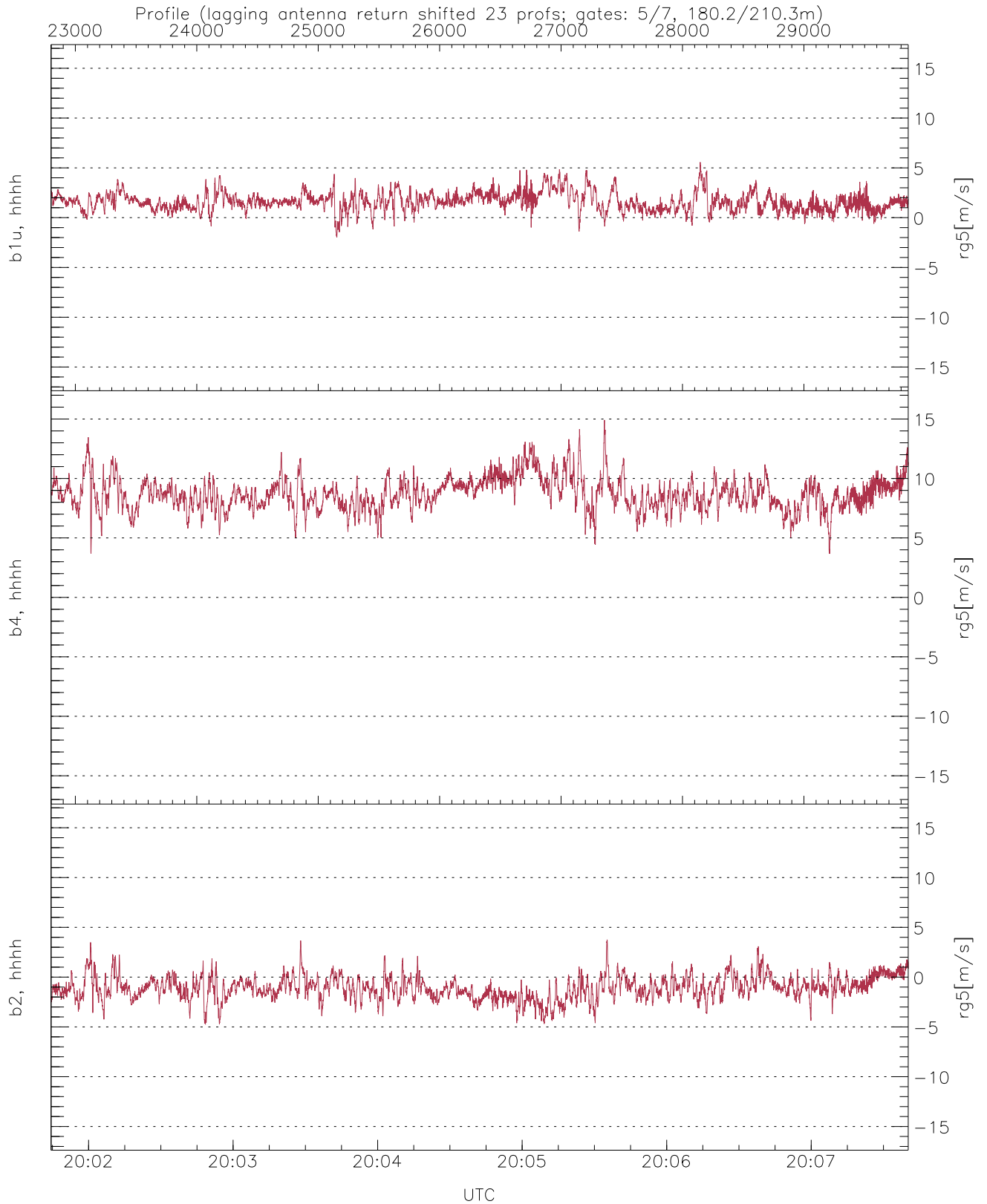
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-61.75	-20.35	-41.21
down-fore(hh[dBm])	-60.86	-23.18	-34.70
down(hh[dBm])	-60.37	-17.66	-29.97



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

	Min	Max	Mean
up/down (dB)	-34.20	8.56	-10.80
down/down-fore (dB)	-10.88	18.27	4.83



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.97	5.57	1.61	0.92
b4, hhhh(rg5[m/s])	3.67	14.92	8.72	1.35
b2, hhhh(rg5[m/s])	-4.75	3.76	-1.08	1.17