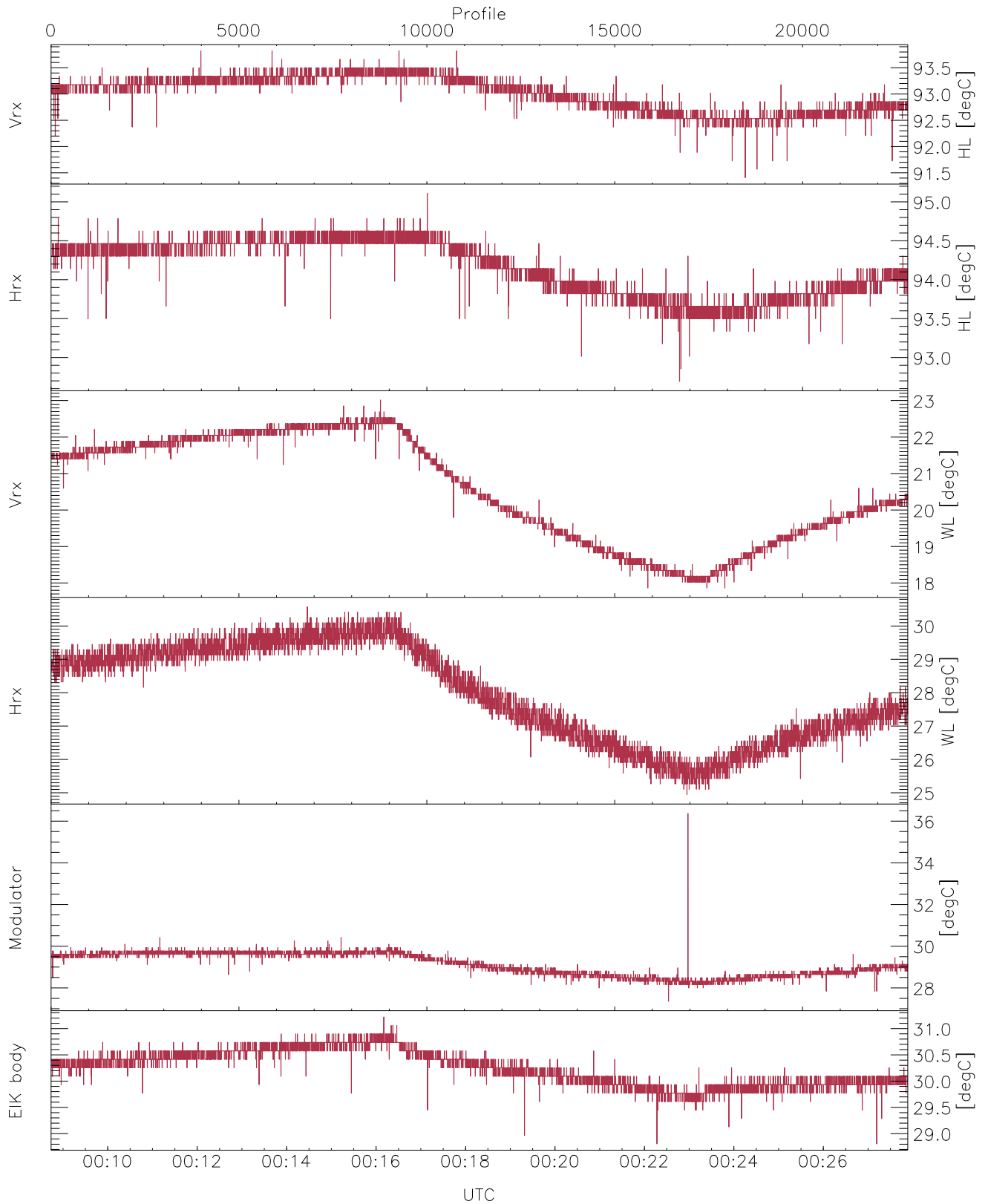


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

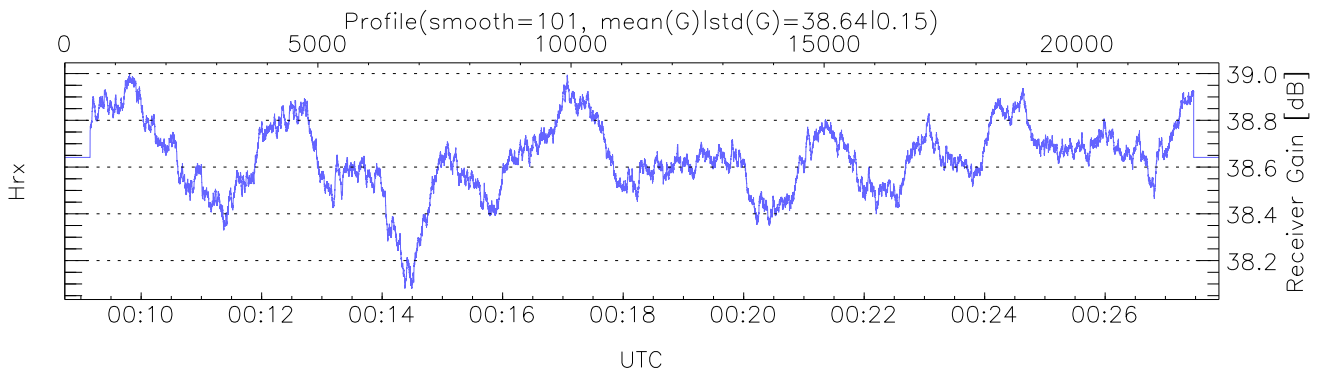
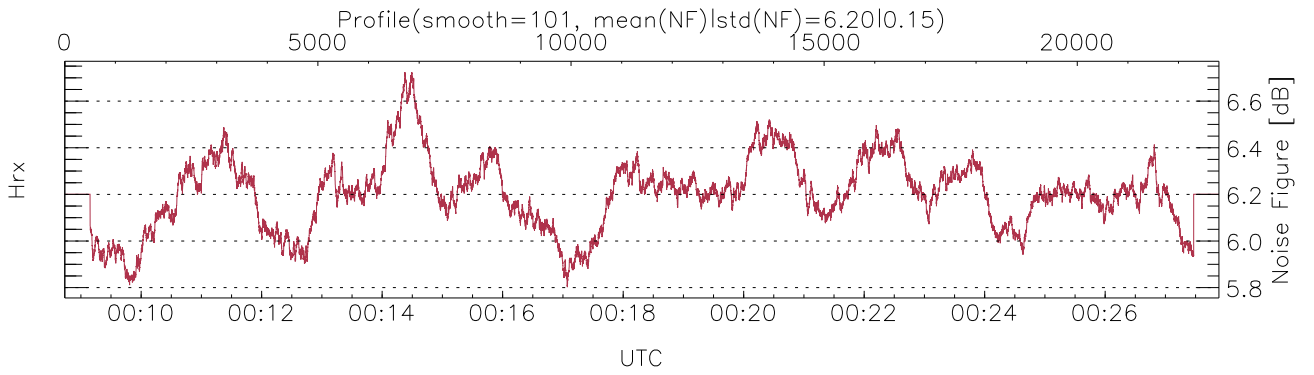
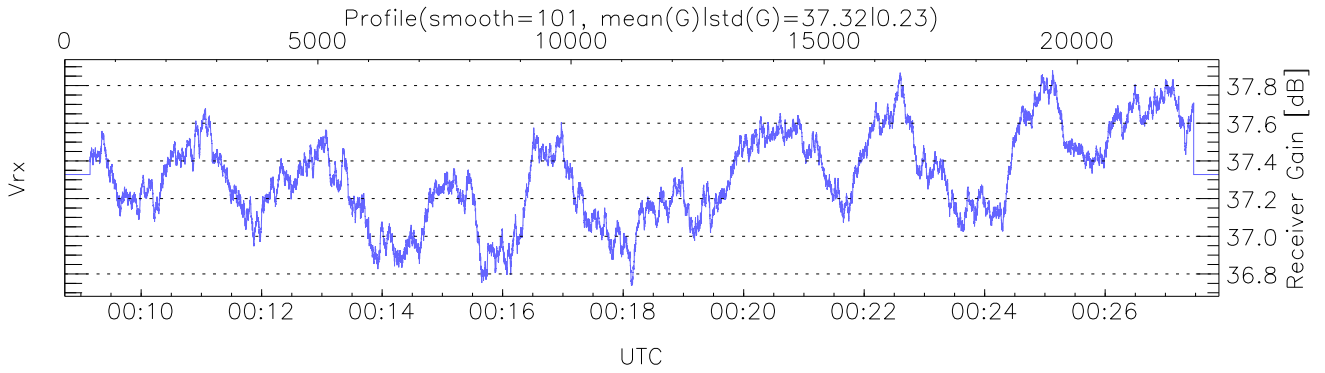
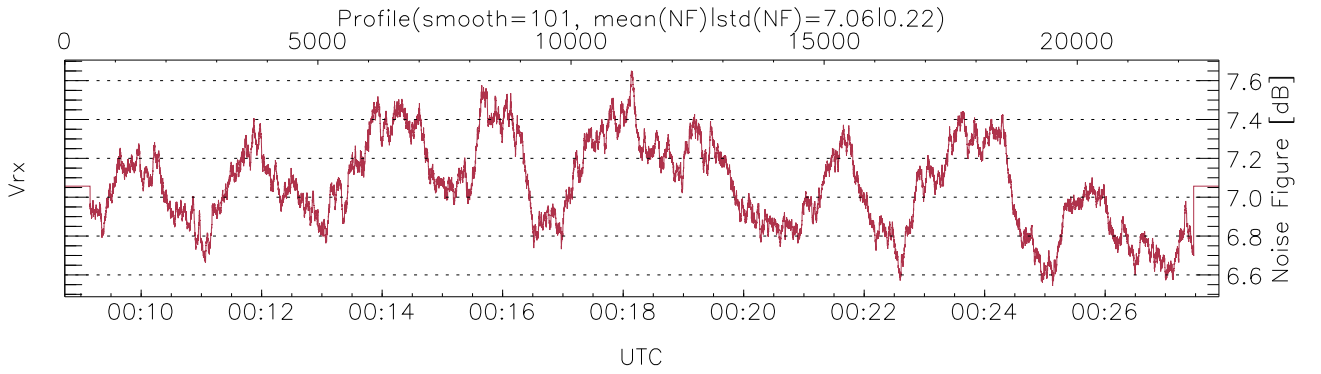
UTC: 00:08:44-00:51:33, Dur: 2569.43s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/50969, 0-22799/00:08:44-00:27:53
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

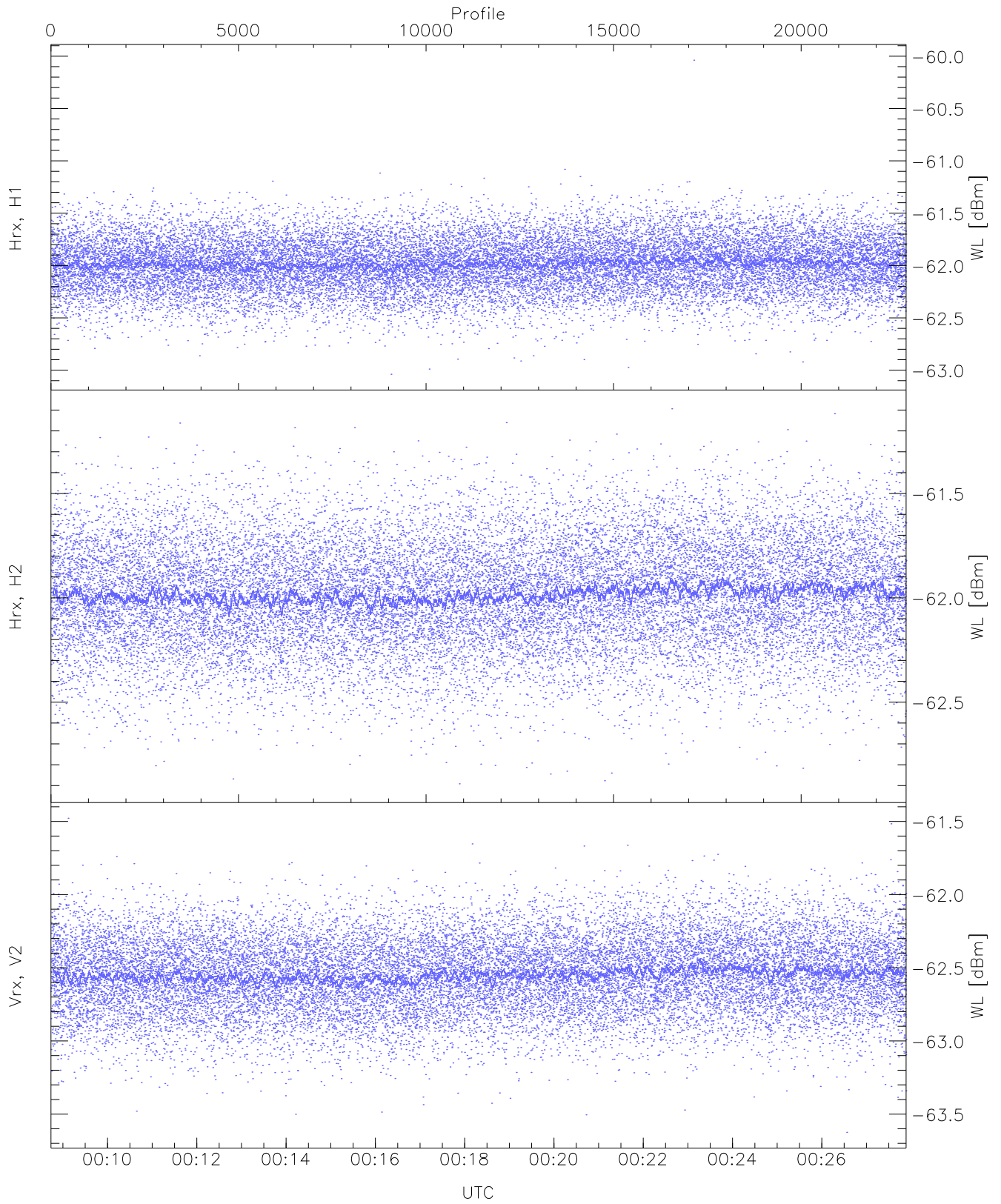
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,27,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,30,36,31
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,5)



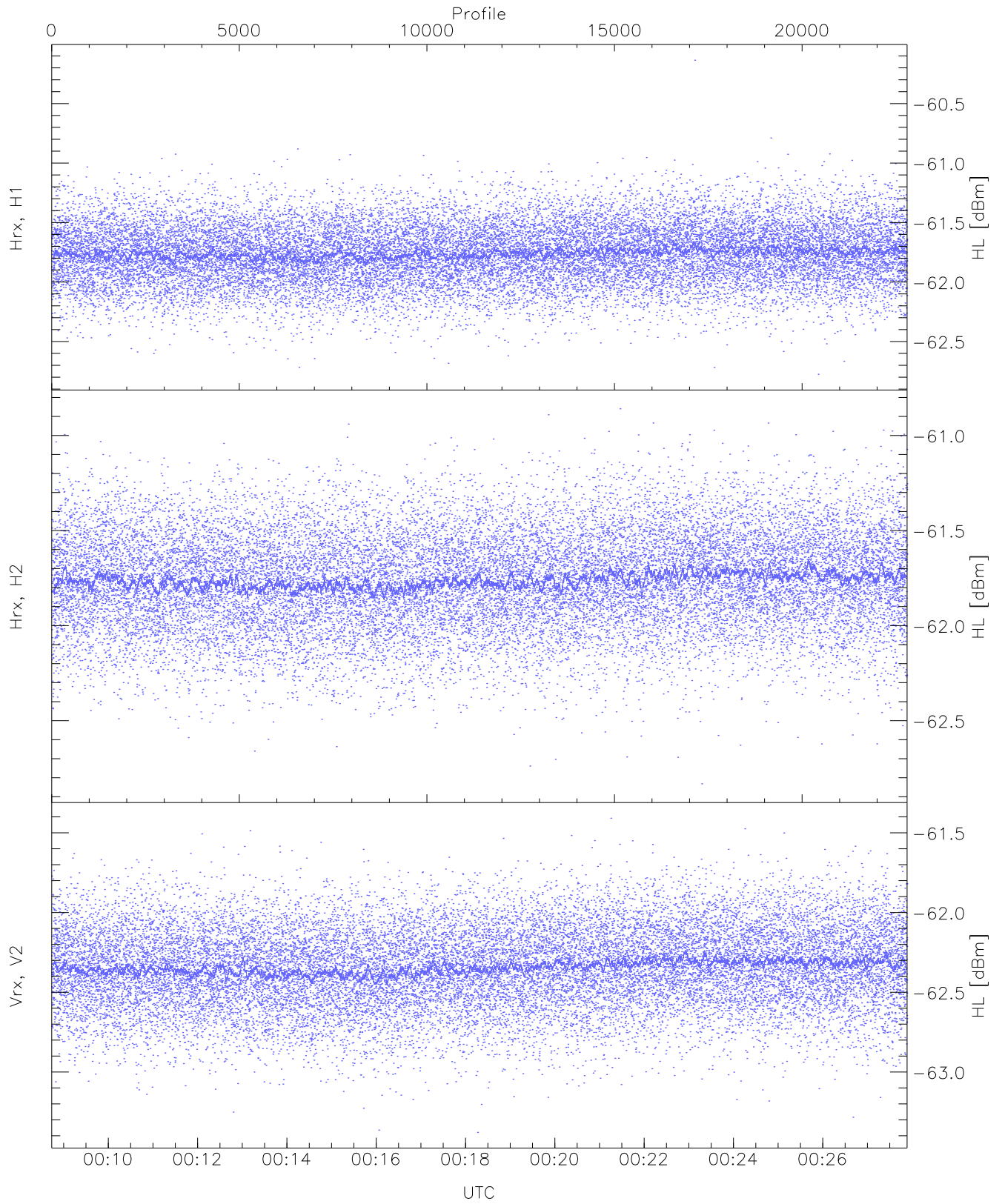
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 7436 pixs, 23 gates, 7393 profs, 2 prods



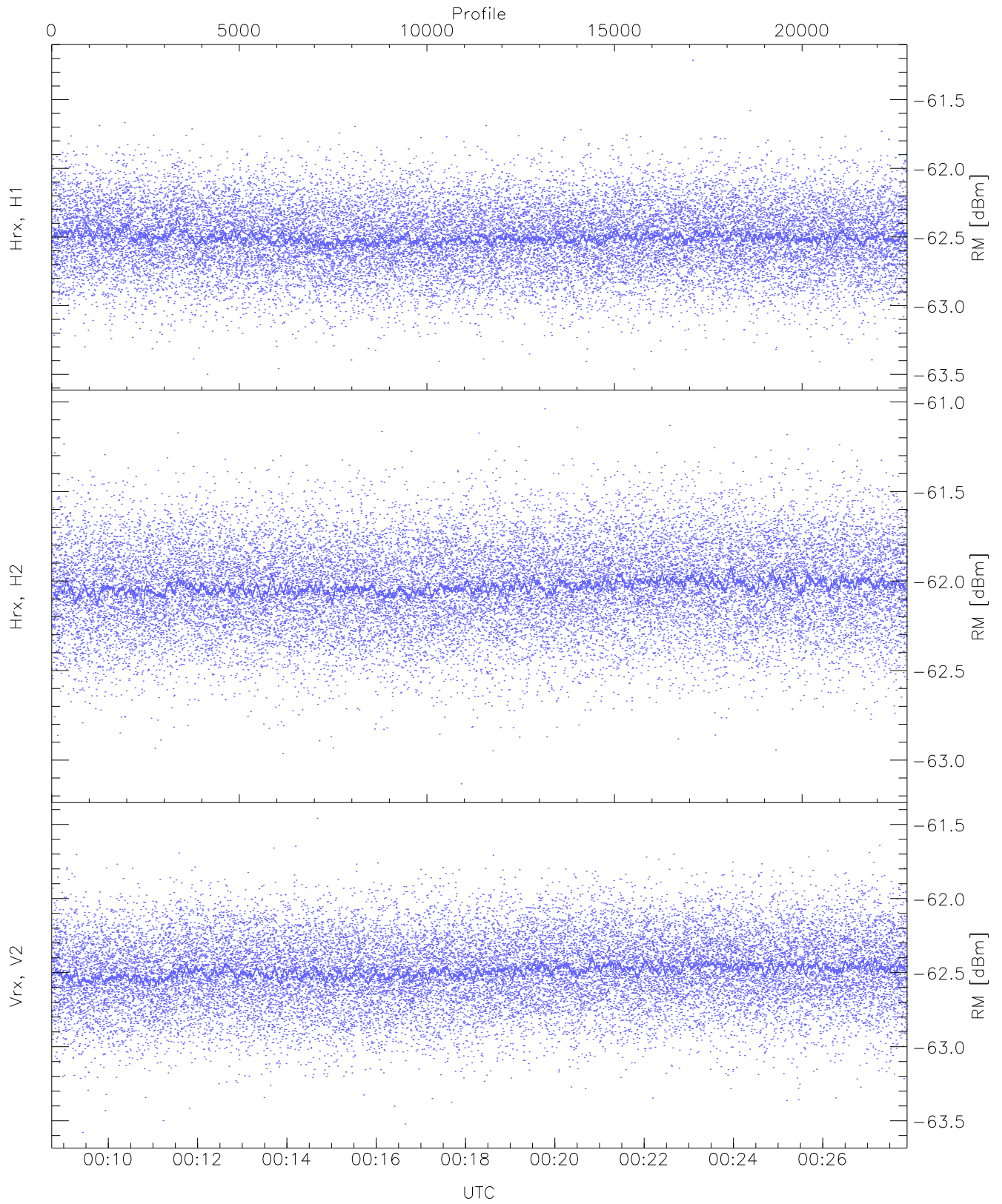
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.04	-60.04	-61.98	-61.99	-74.53
Hrx, H2(WL [dBm])	-62.89	-61.09	-61.98	-61.99	-74.55
Vrx, V2(WL [dBm])	-63.62	-61.48	-62.55	-62.55	-75.11



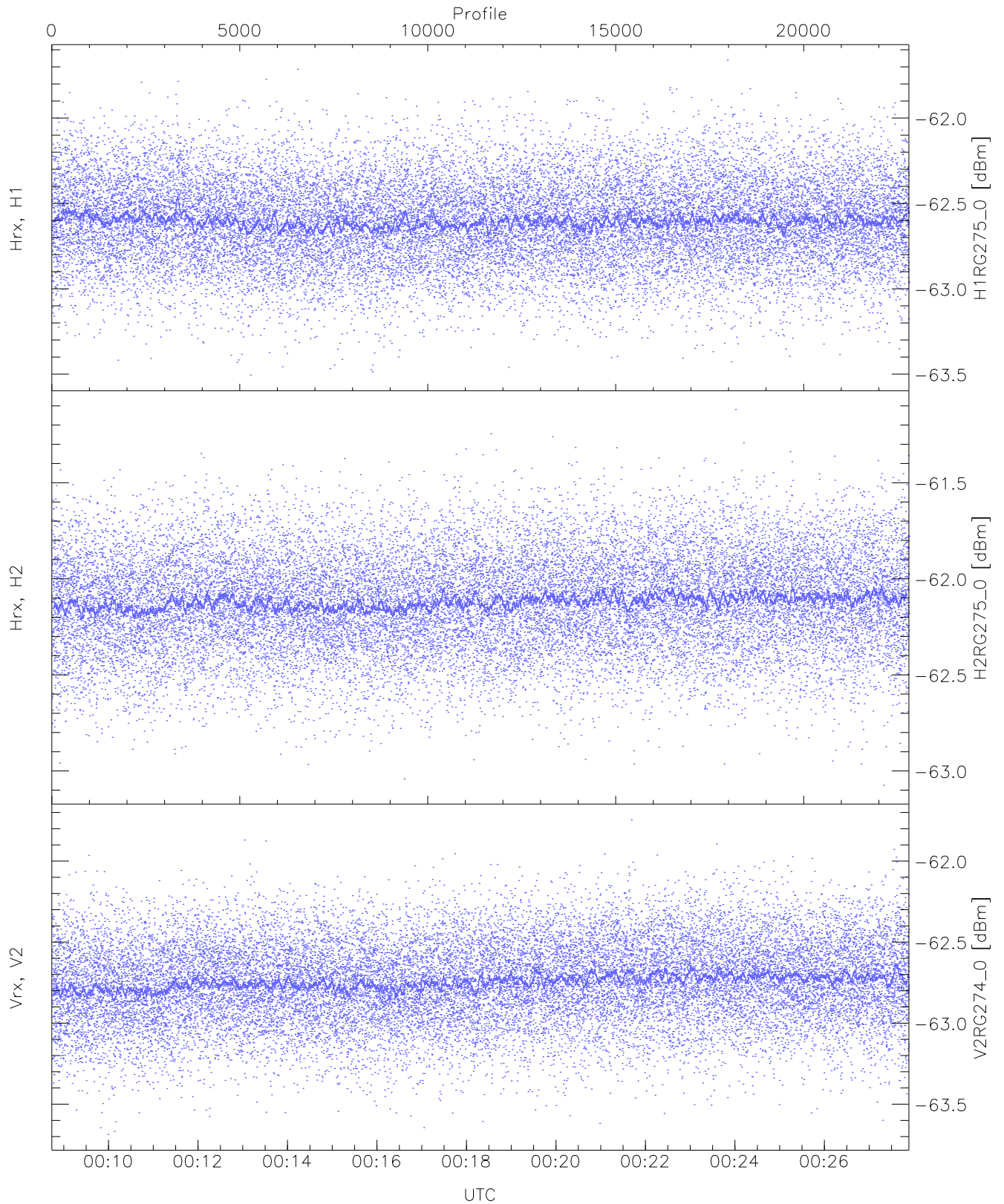
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.78	-60.14	-61.76	-61.76	-74.31
Hrx, H2(HL [dBm])	-62.83	-60.86	-61.76	-61.76	-74.29
Vrx, V2(HL [dBm])	-63.38	-61.41	-62.34	-62.34	-74.90



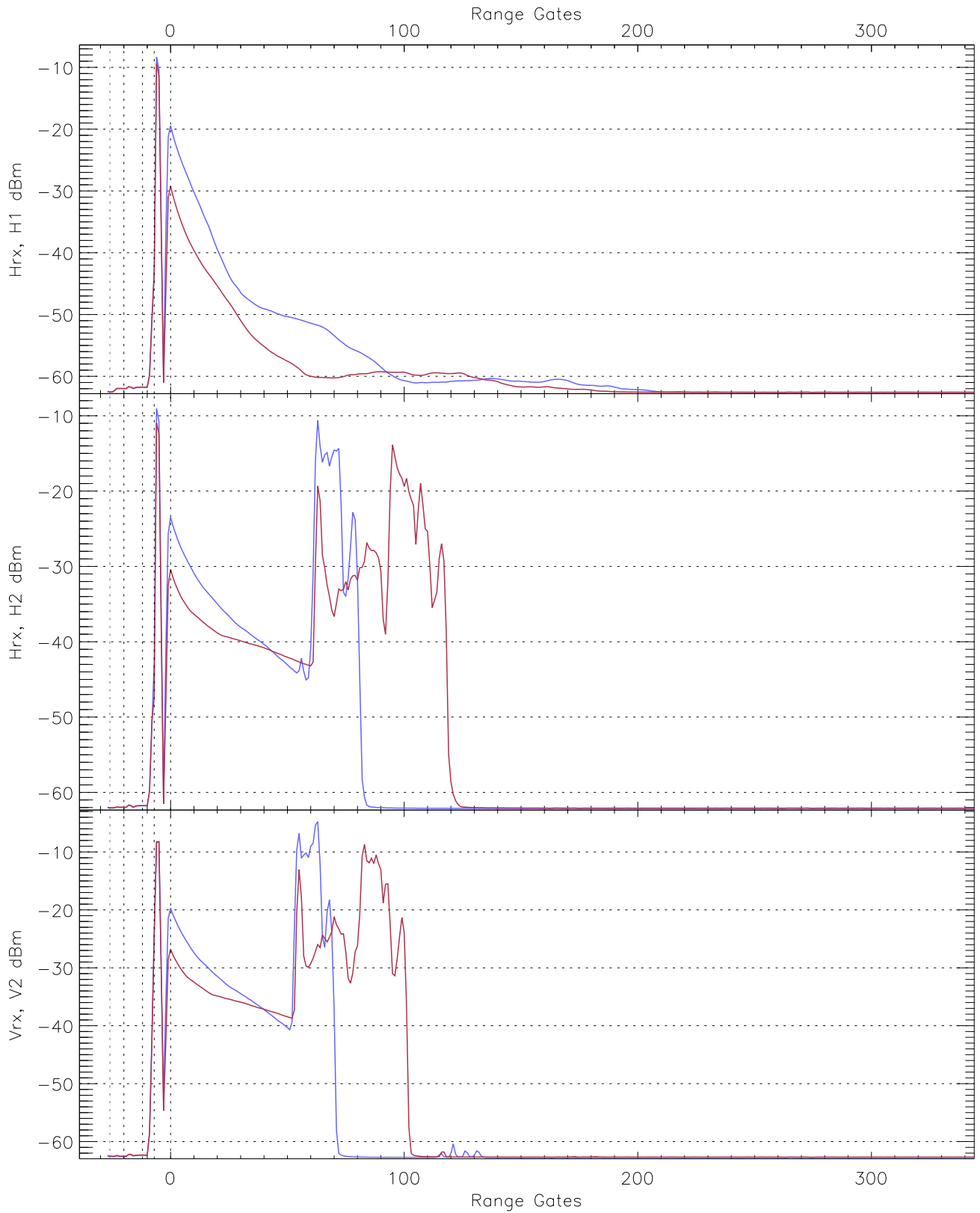
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.50	-61.21	-62.50	-62.50	-75.02
Hrx, H2(RM [dBm])	-63.13	-61.04	-62.03	-62.03	-74.61
Vrx, V2(RM [dBm])	-63.58	-61.46	-62.49	-62.49	-75.06

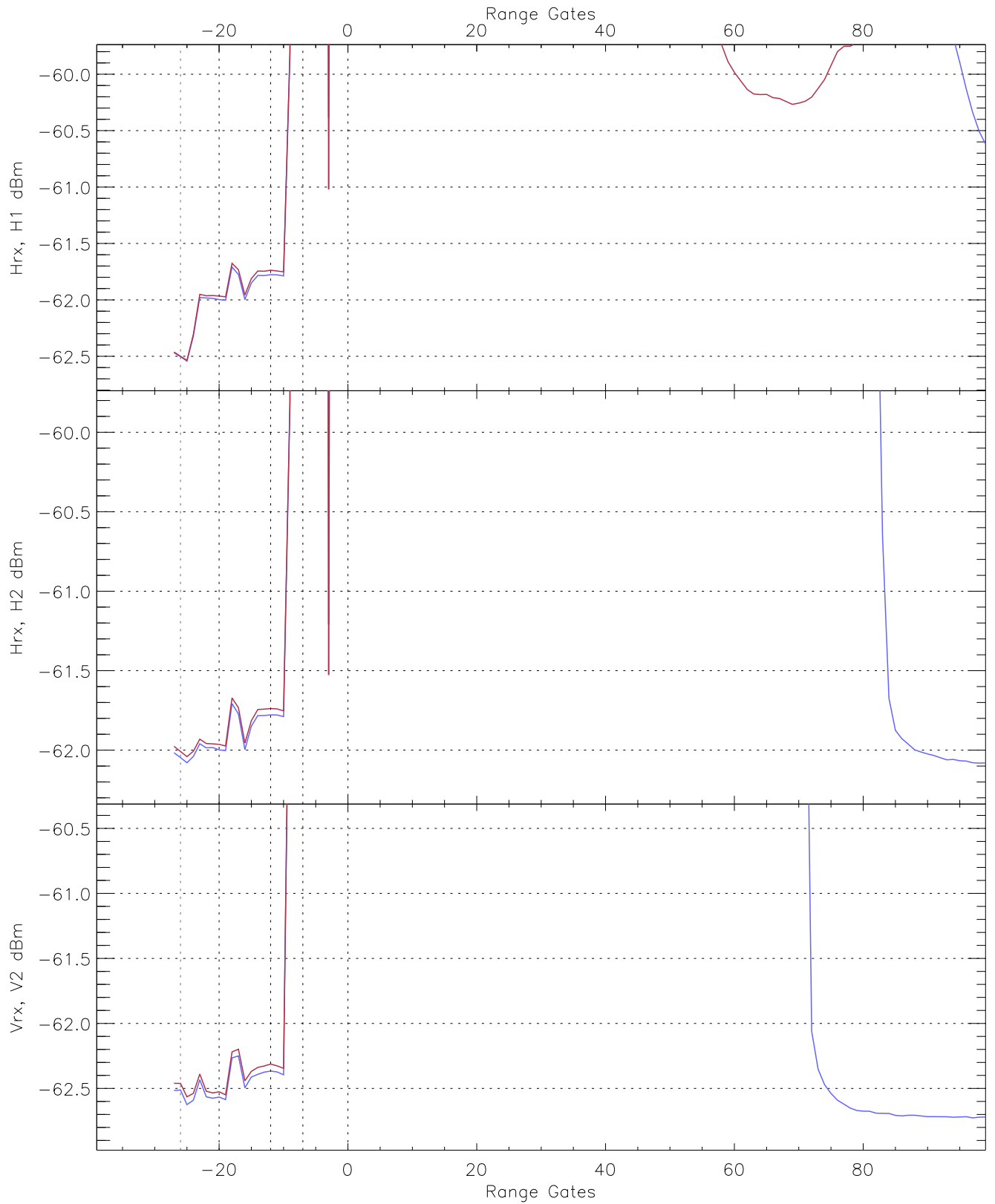


WCR2 CPP "Best" estimate Receivers Noise Power

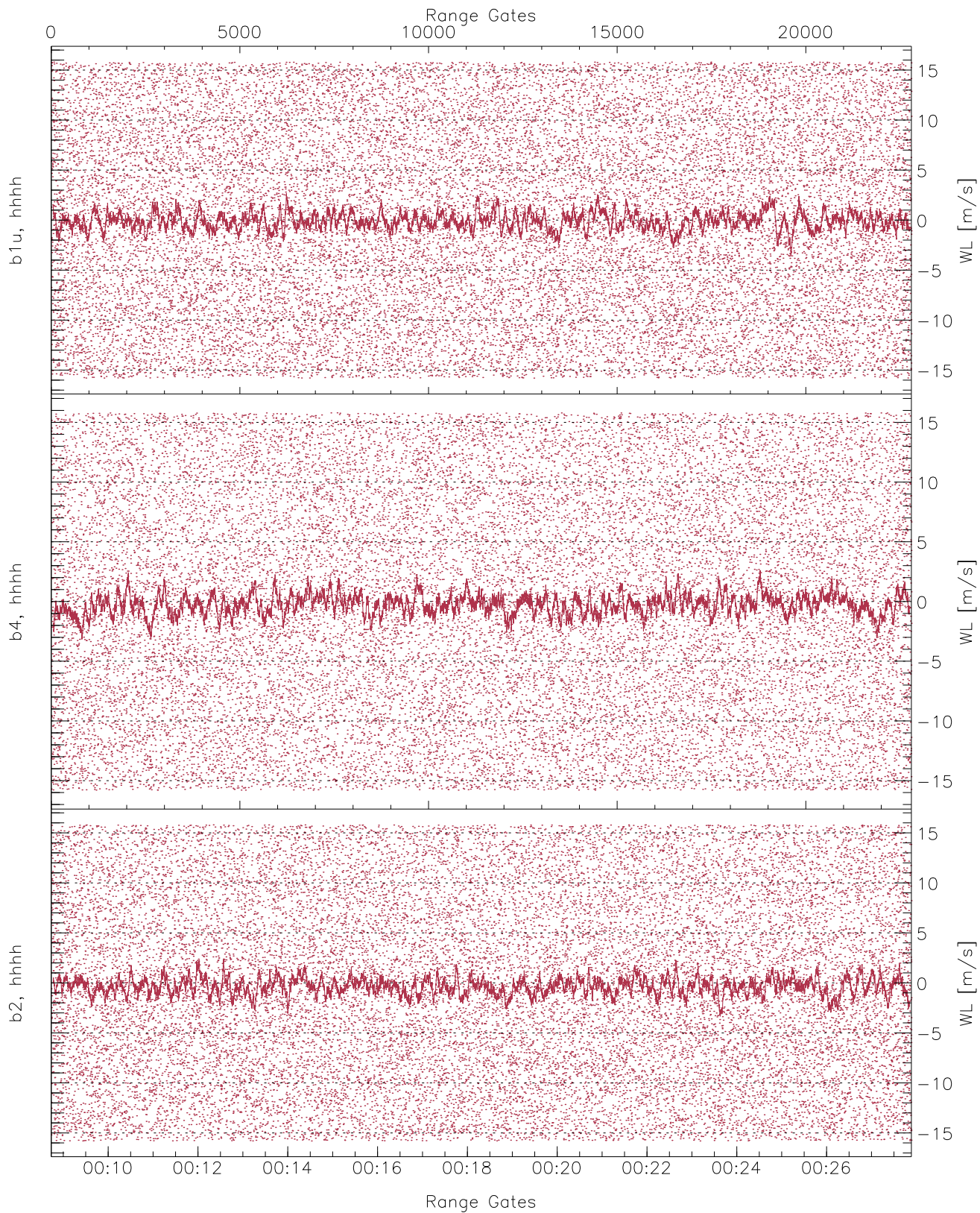
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.50	-61.66	-62.60	-62.61	-75.17
H2RG275_0 [dBm]	-63.07	-61.12	-62.12	-62.12	-74.66
V2RG274_0 [dBm]	-63.69	-61.75	-62.74	-62.75	-75.26



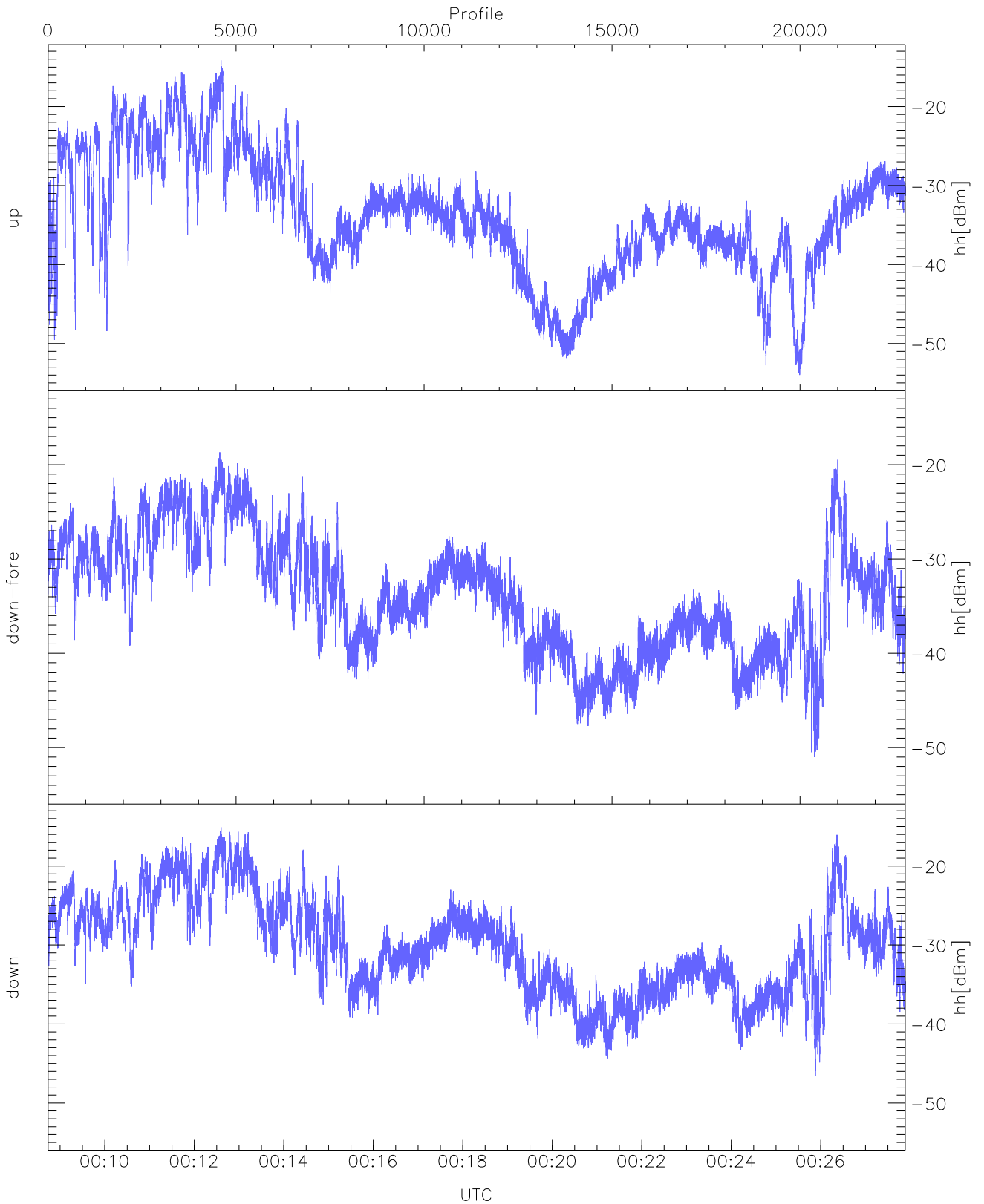
WCR2 CPP Averaged Received power for all recorded gates
blue: 000844-001819, 11401 profiles averaged
red: 001819-002753, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 000844-001819, 11401 profiles averaged
red: 001819-002753, 11400 profiles averaged

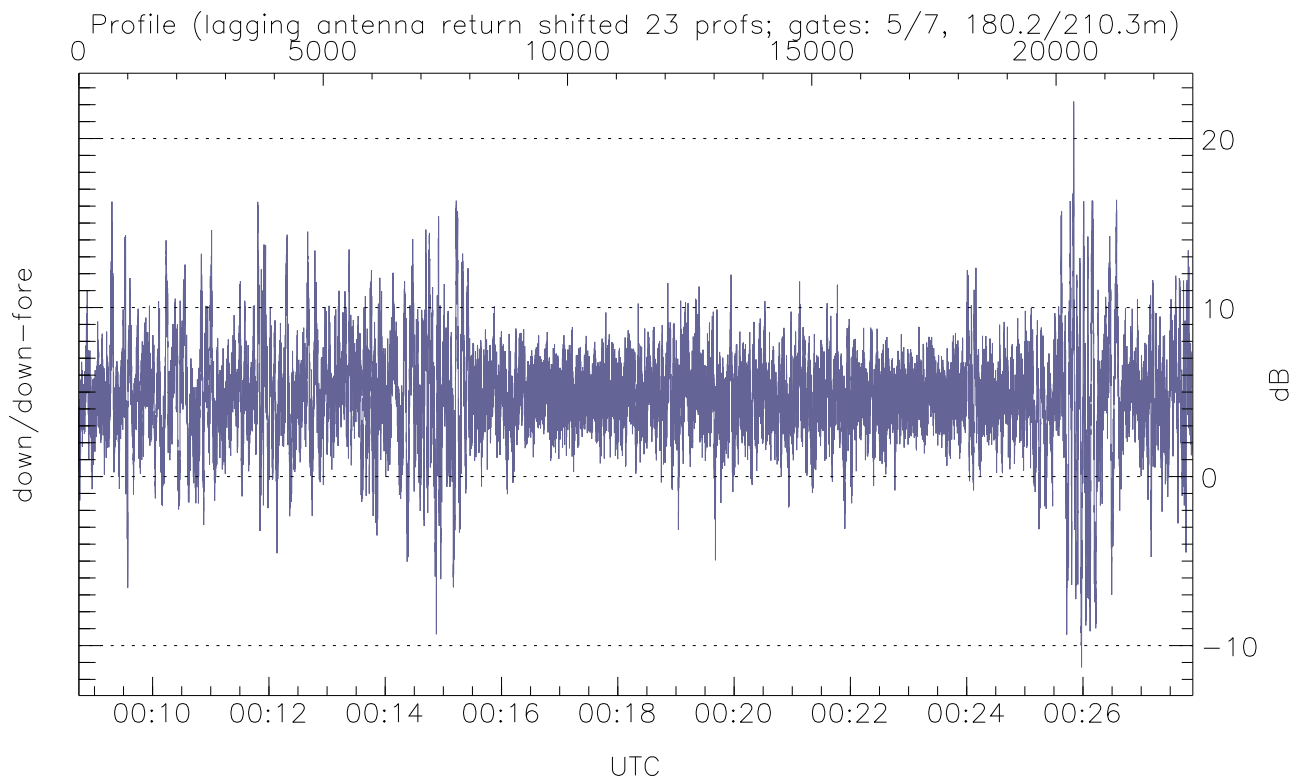
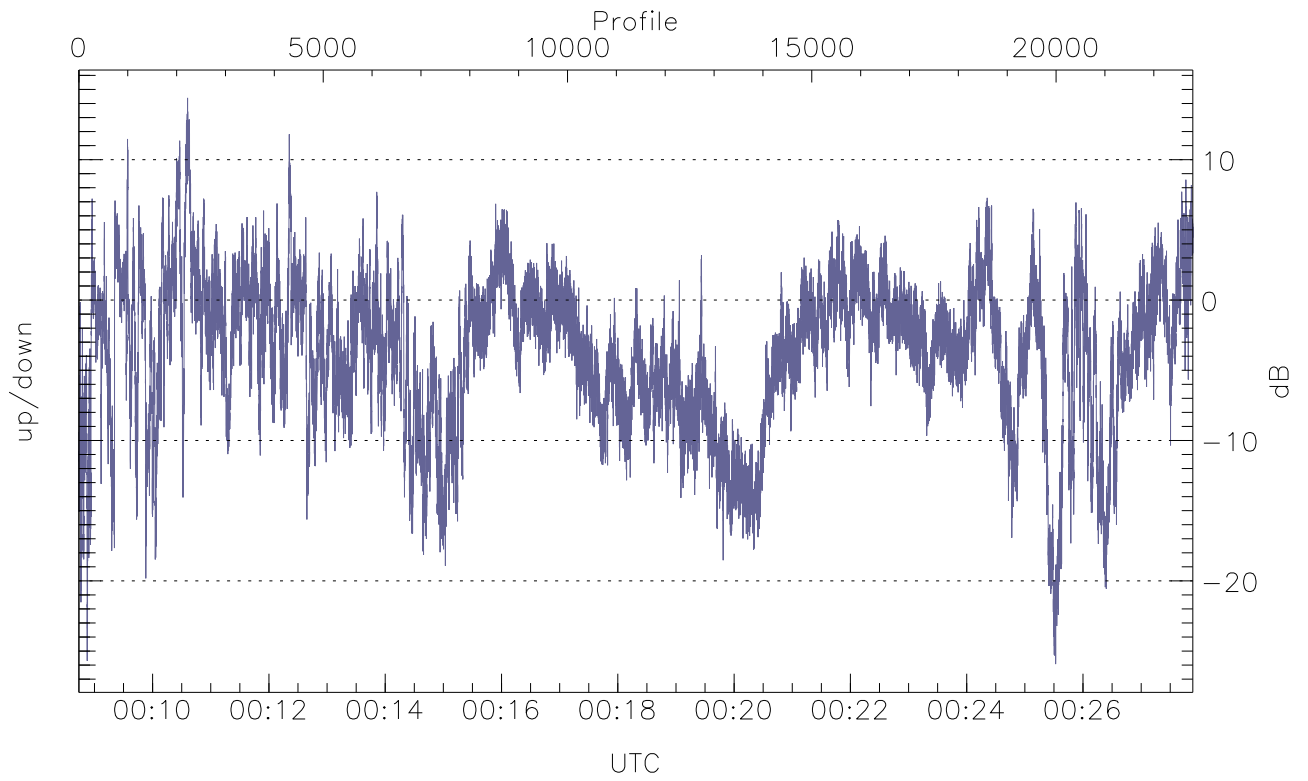


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



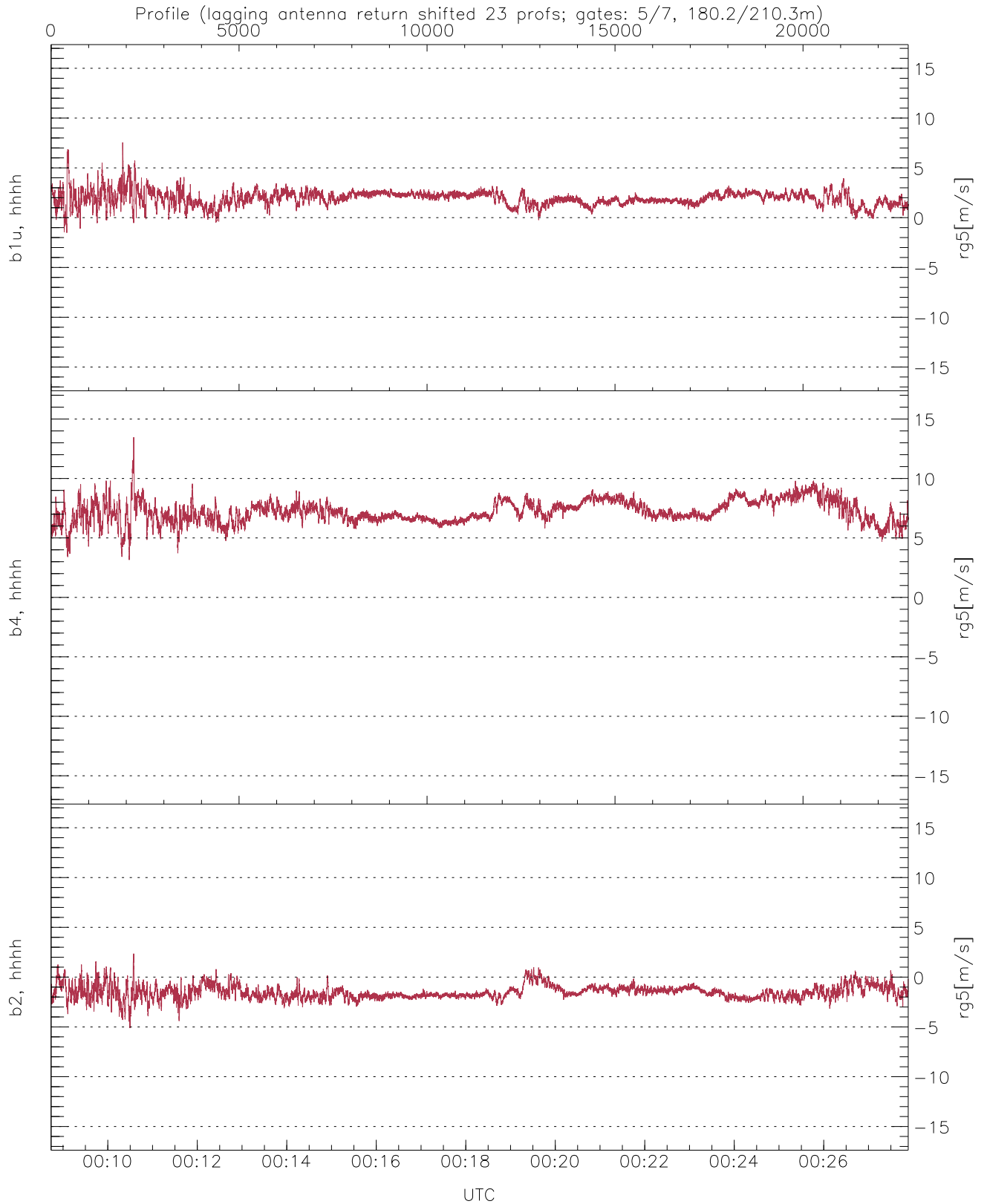
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-53.99	-14.14	-28.12
down-fore(hh[dBm])	-51.00	-18.68	-30.03
down(hh[dBm])	-46.62	-15.09	-26.28



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

	Min	Max	Mean
up/down (dB)	-25.93	14.37	-3.76
down/down-fore (dB)	-11.28	22.19	4.78



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.52	7.56	1.93	0.74
b4, hhhh(rg5[m/s])	3.15	13.47	7.22	0.94
b2, hhhh(rg5[m/s])	-5.12	2.36	-1.51	0.69