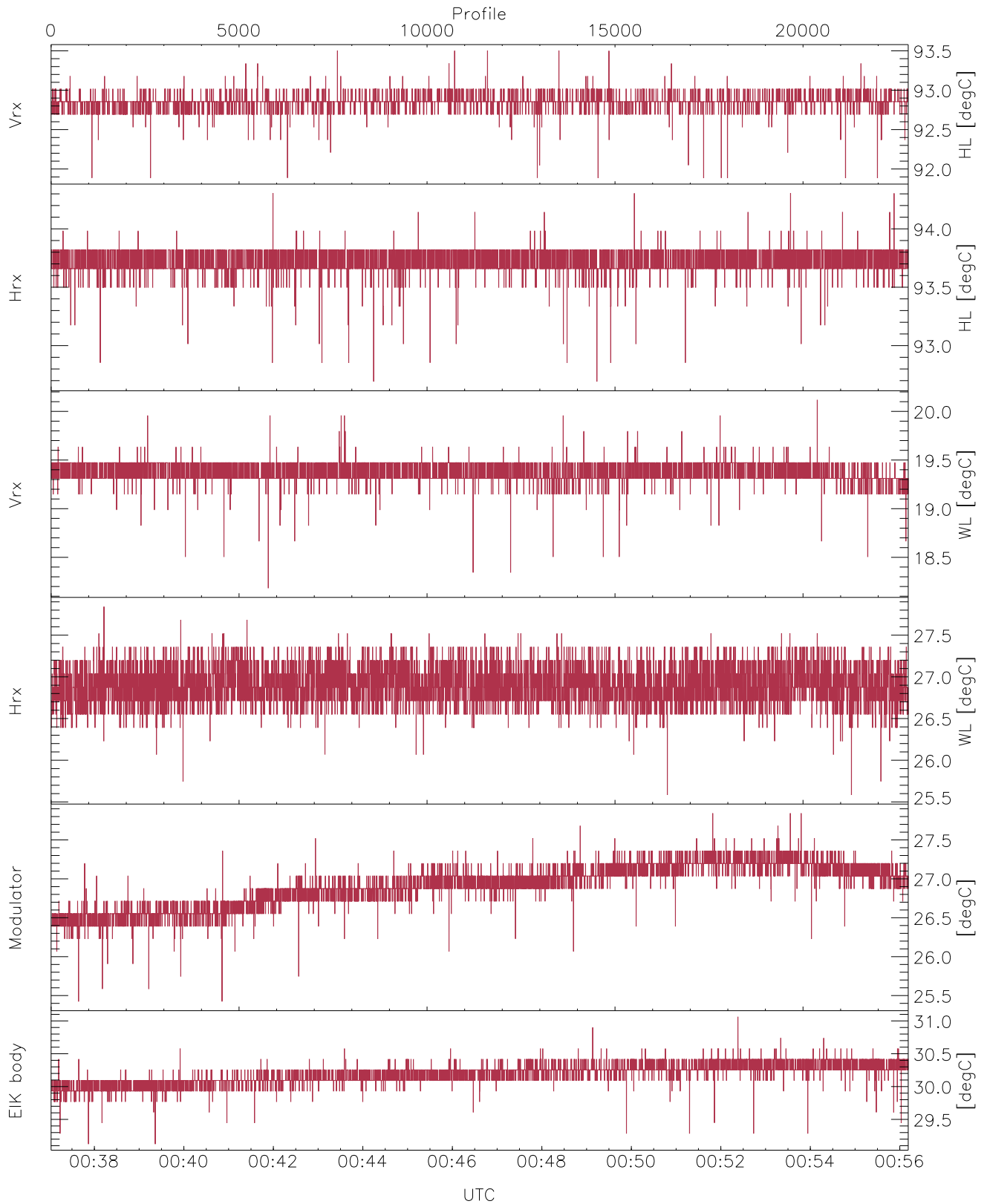


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:37:02-01:08:36, Dur: 1894.25s
 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): 22800/37576, 0-22799/00:37:02-00:56:11
 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

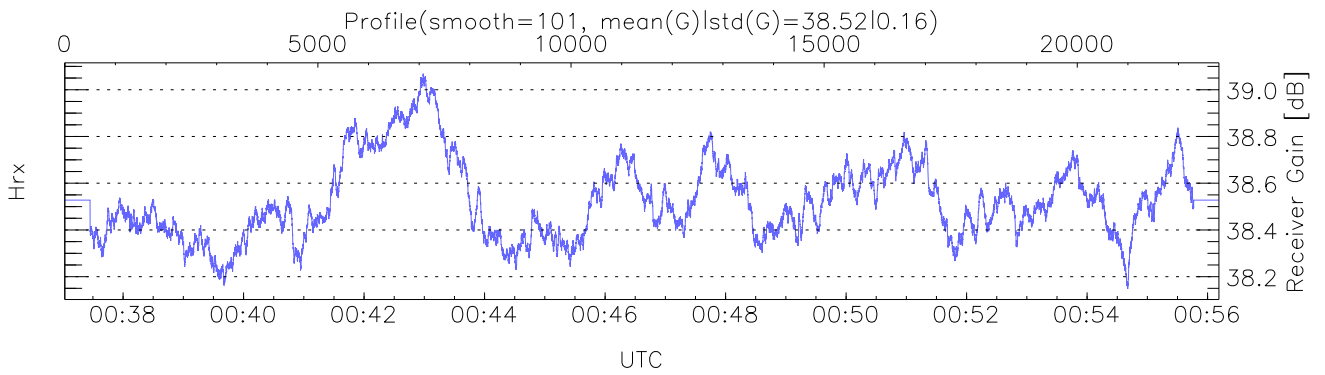
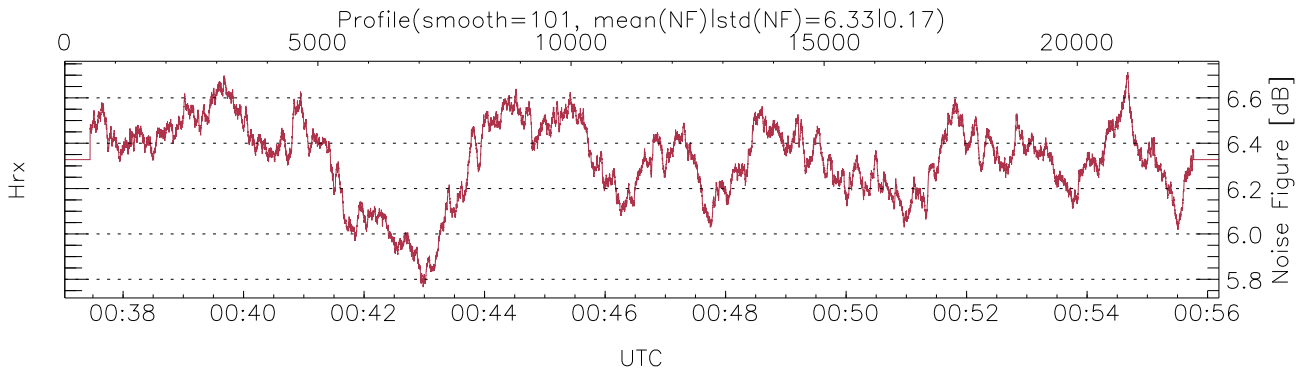
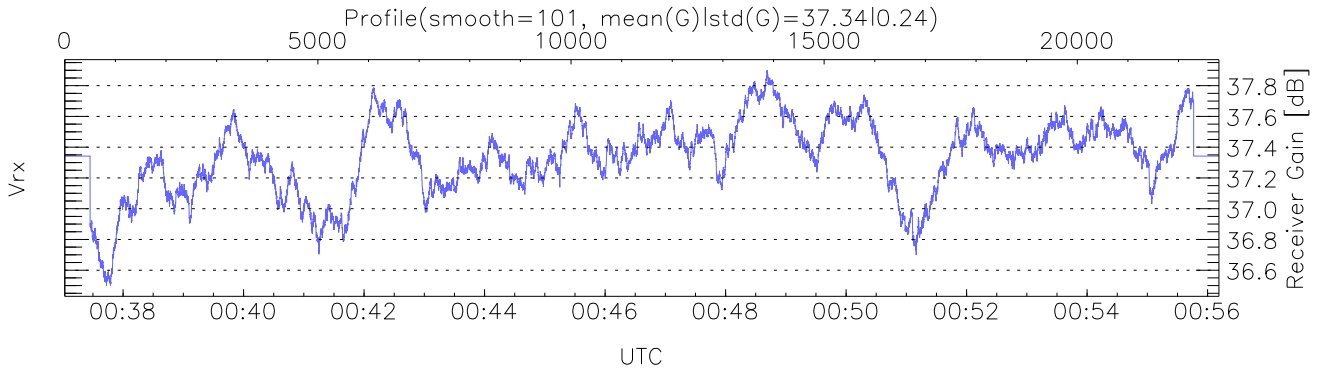
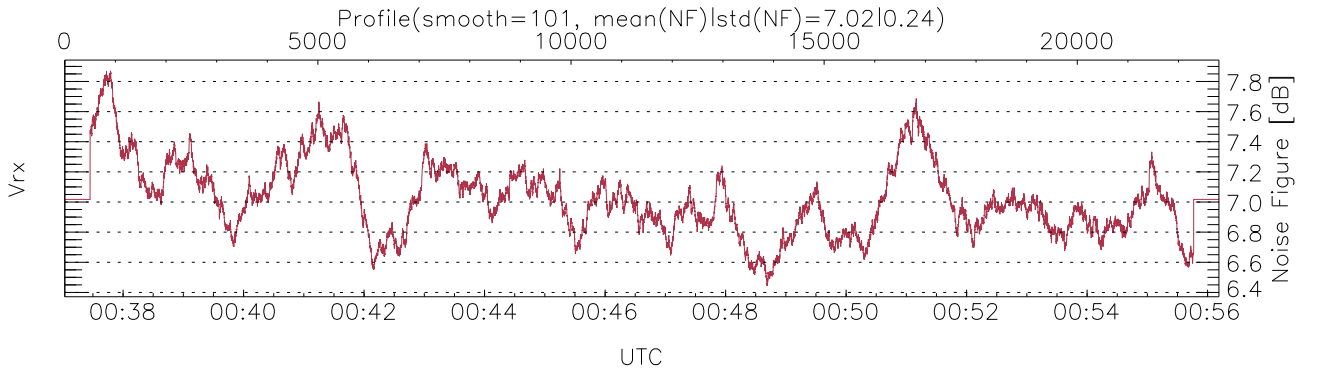
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,18,25,25,29

maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,27,31

LOalarm(20,80,240,2.8,14.8 MHz): None

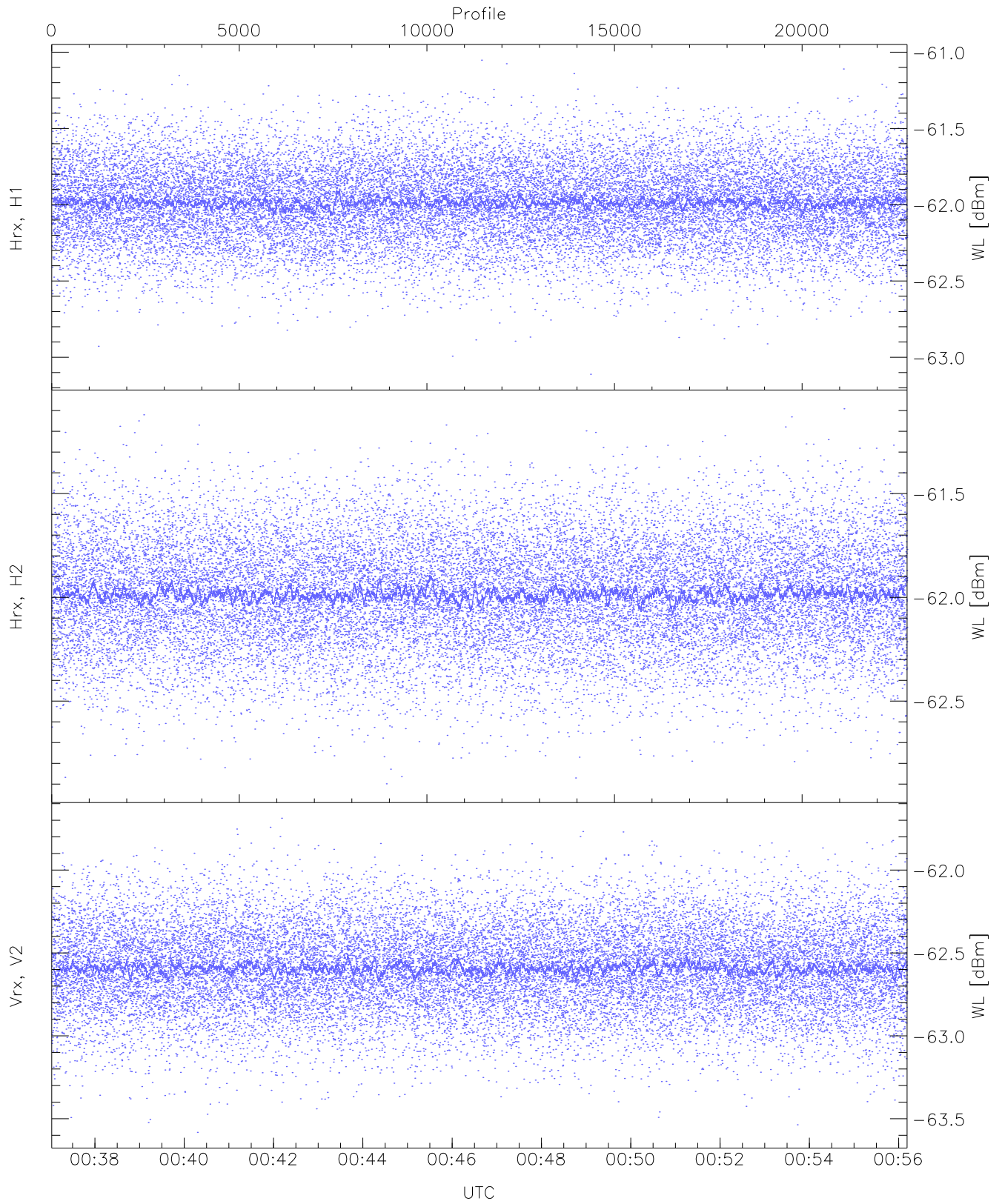
EIK Faults(# prof affected):

DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,16)



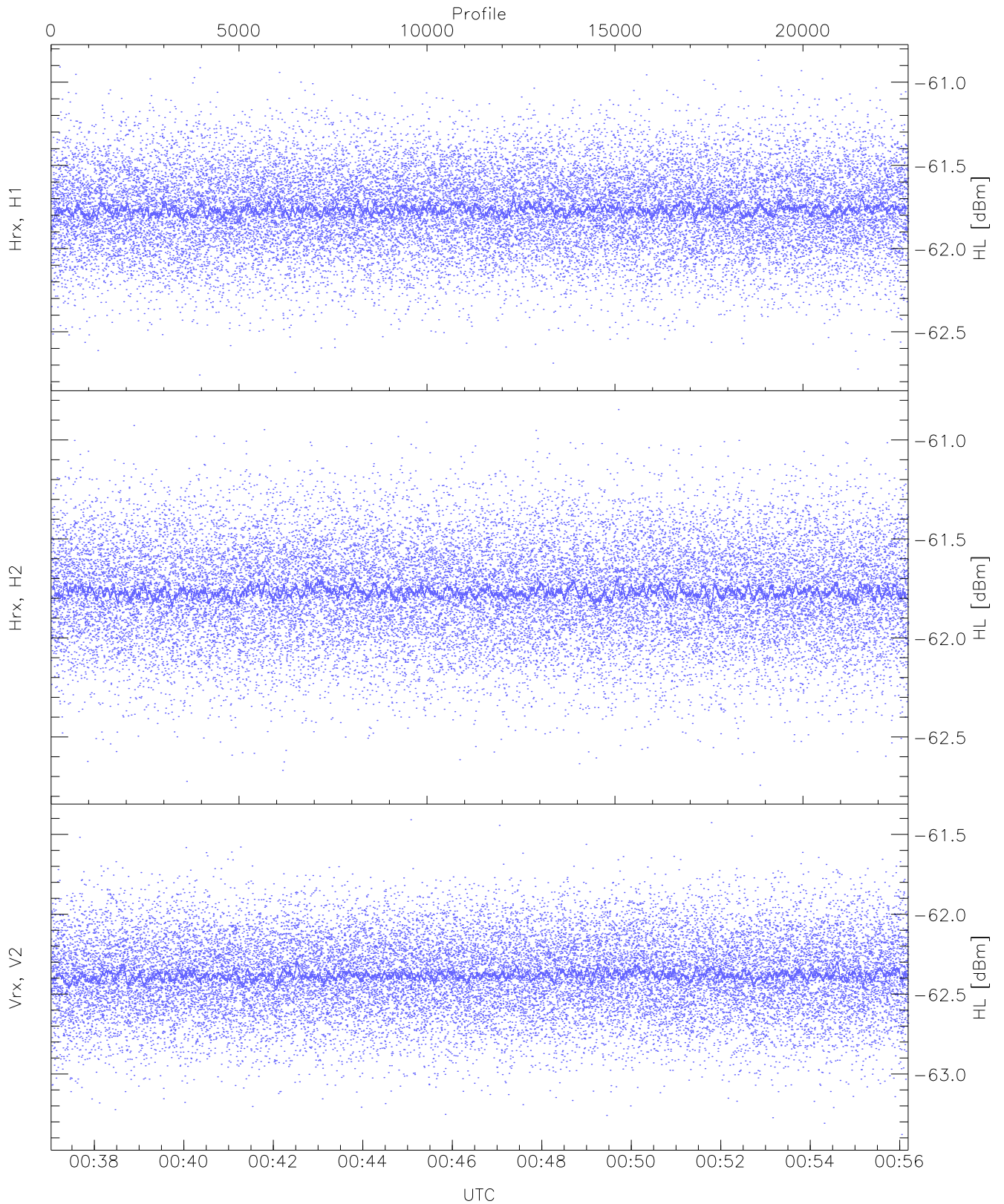
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 14044 pixs, 5 gates, 14030 profs, 1 prods



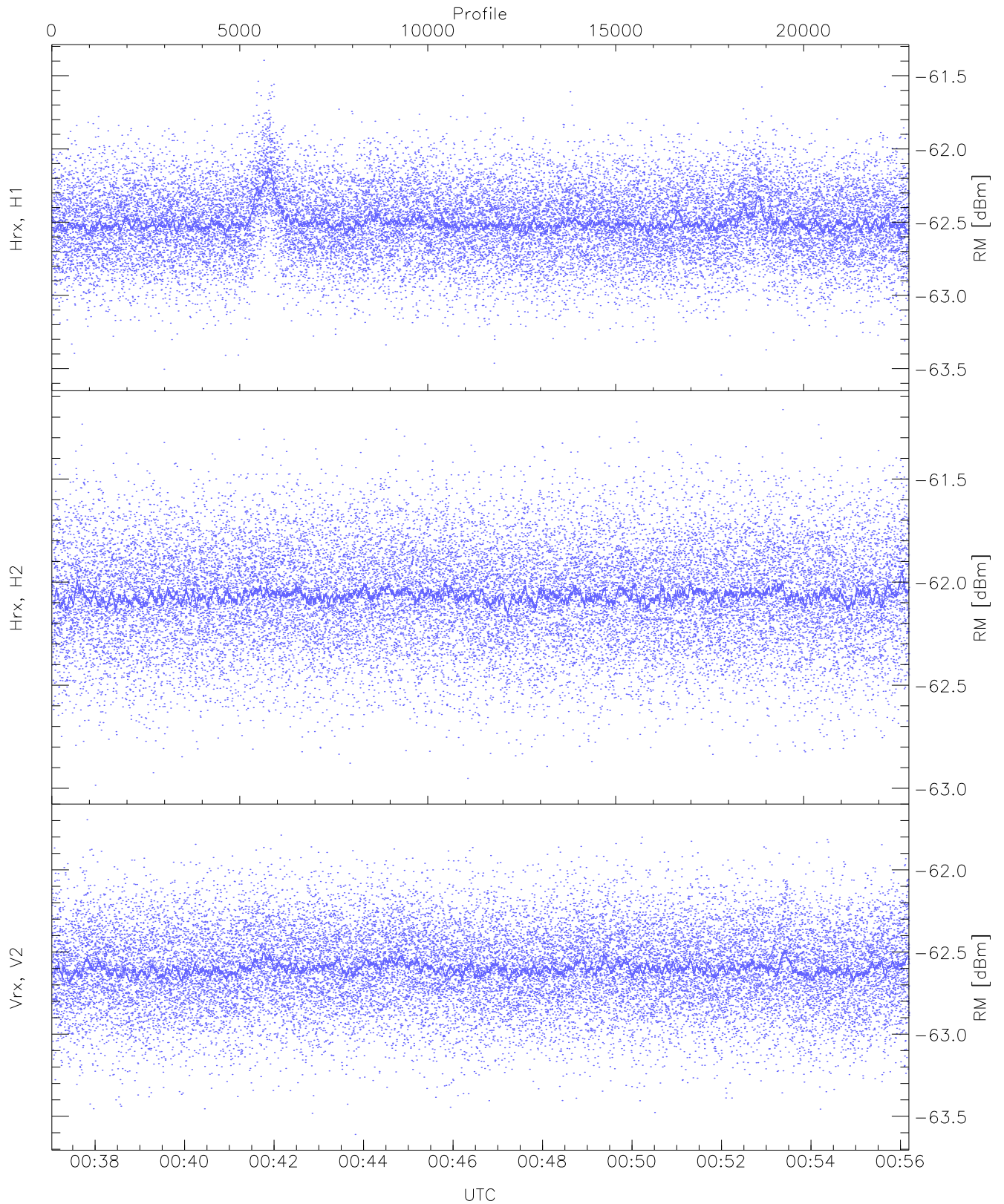
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.11	-61.05	-61.98	-61.99	-74.55
Hrx, H2(WL [dBm])	-62.90	-61.09	-61.98	-61.99	-74.56
Vrx, V2(WL [dBm])	-63.58	-61.69	-62.59	-62.60	-75.11



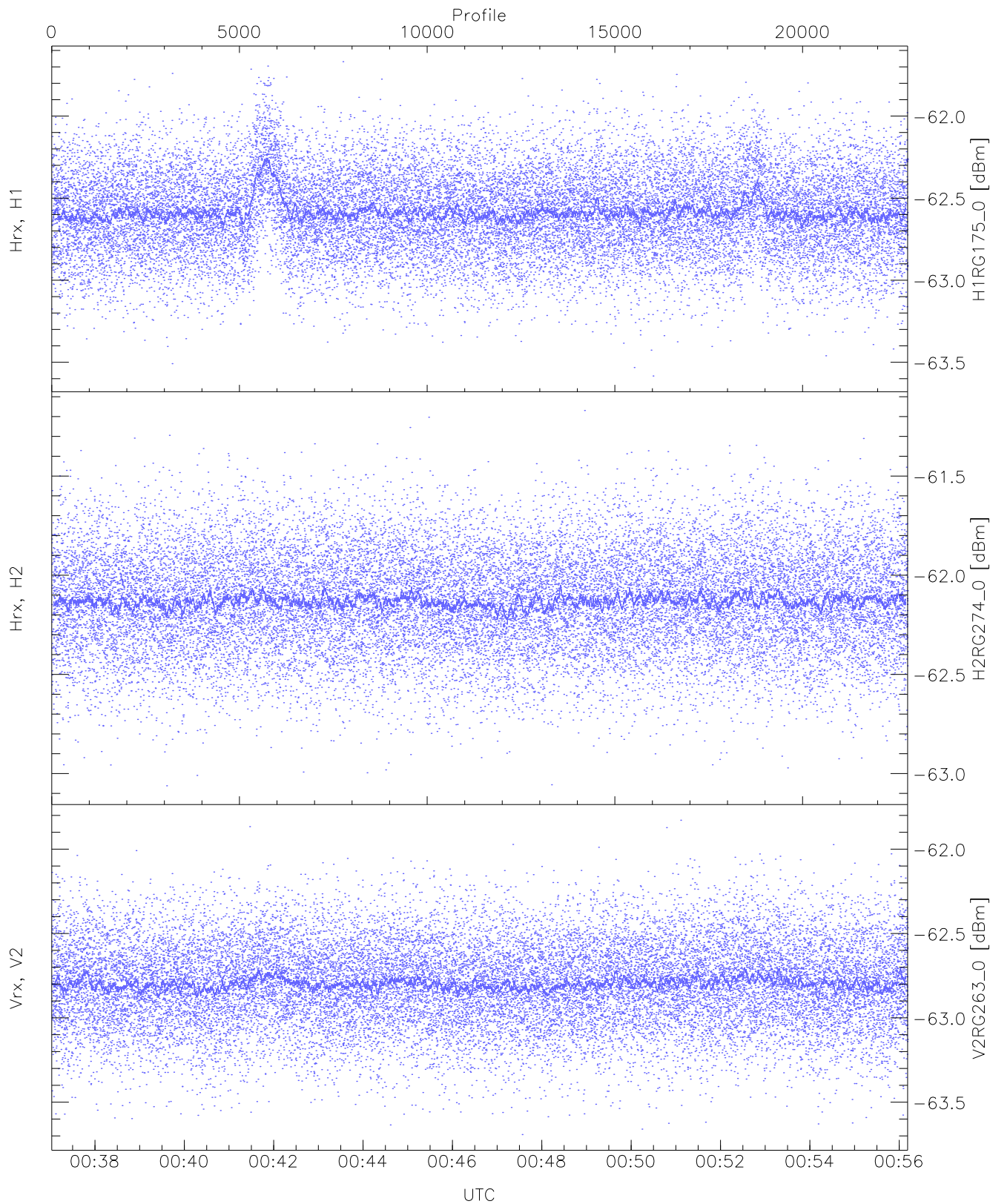
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.76	-60.87	-61.76	-61.77	-74.35
Hrx, H2 (HL [dBm])	-62.74	-60.85	-61.76	-61.77	-74.33
Vrx, V2 (HL [dBm])	-63.38	-61.41	-62.38	-62.38	-74.93



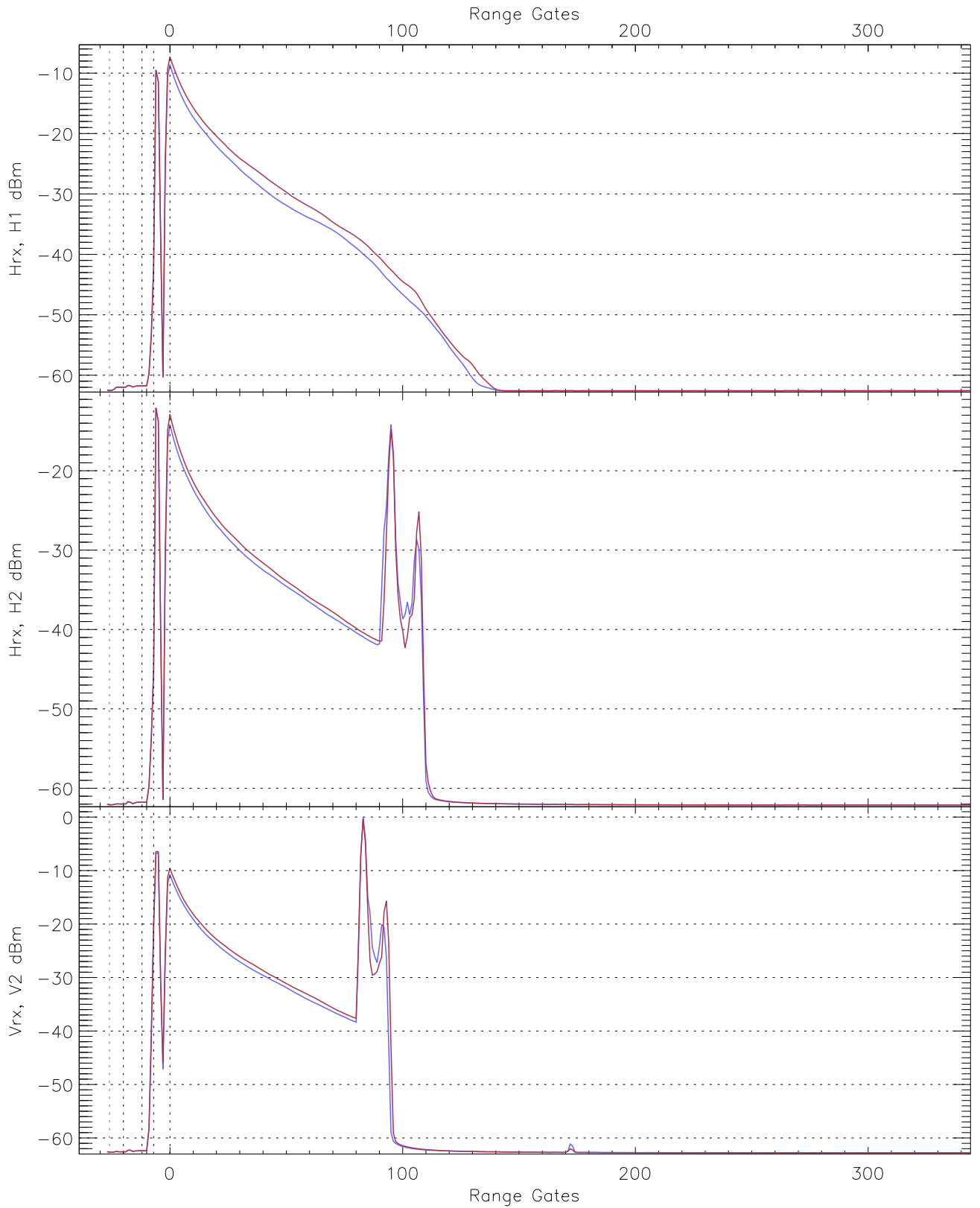
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.54	-61.39	-62.50	-62.50	-75.00
Hrx, H2(RM [dBm])	-62.99	-61.16	-62.06	-62.07	-74.64
Vrx, V2(RM [dBm])	-63.61	-61.70	-62.60	-62.60	-75.11

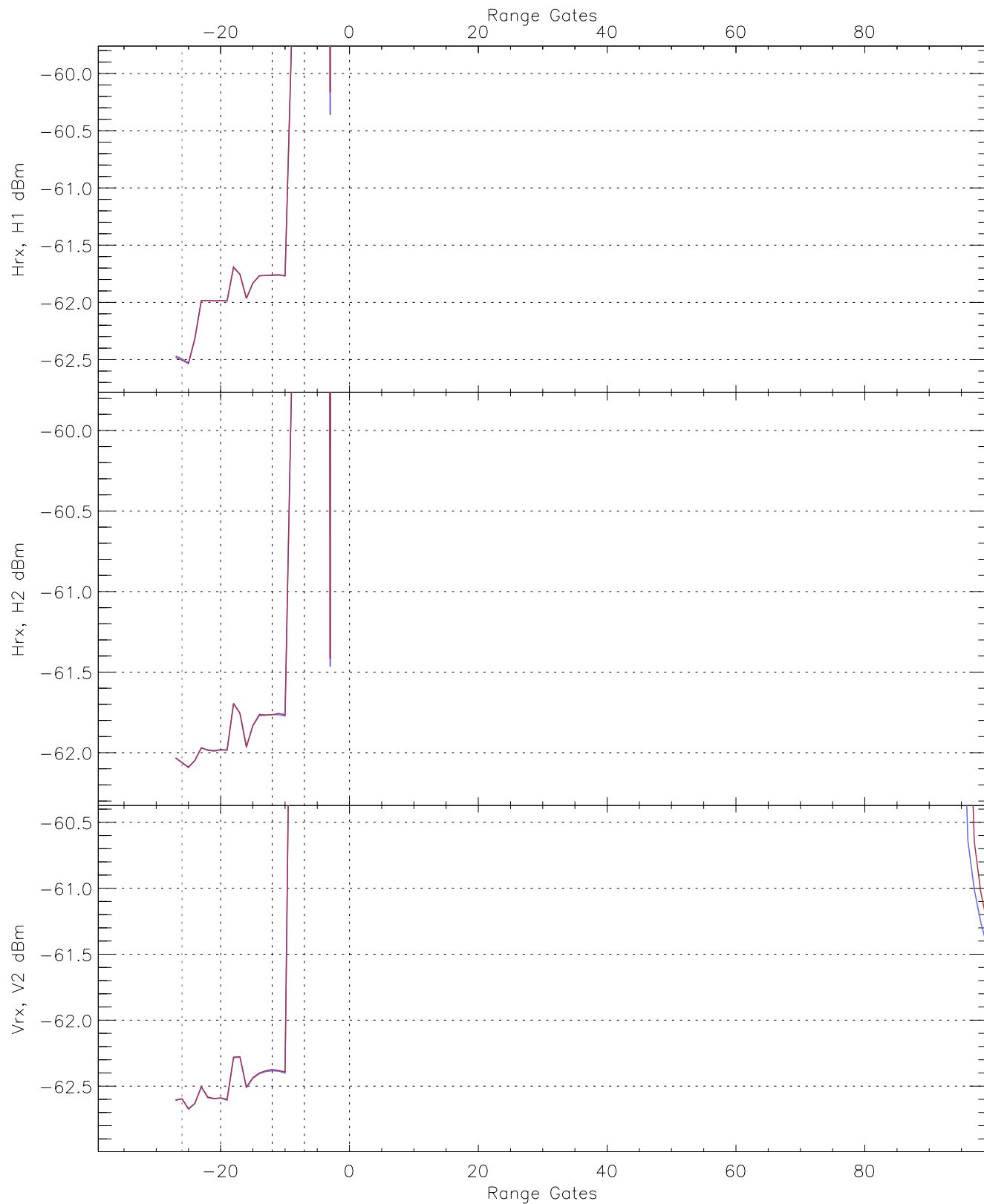


WCR2 CPP "Best" estimate Receivers Noise Power

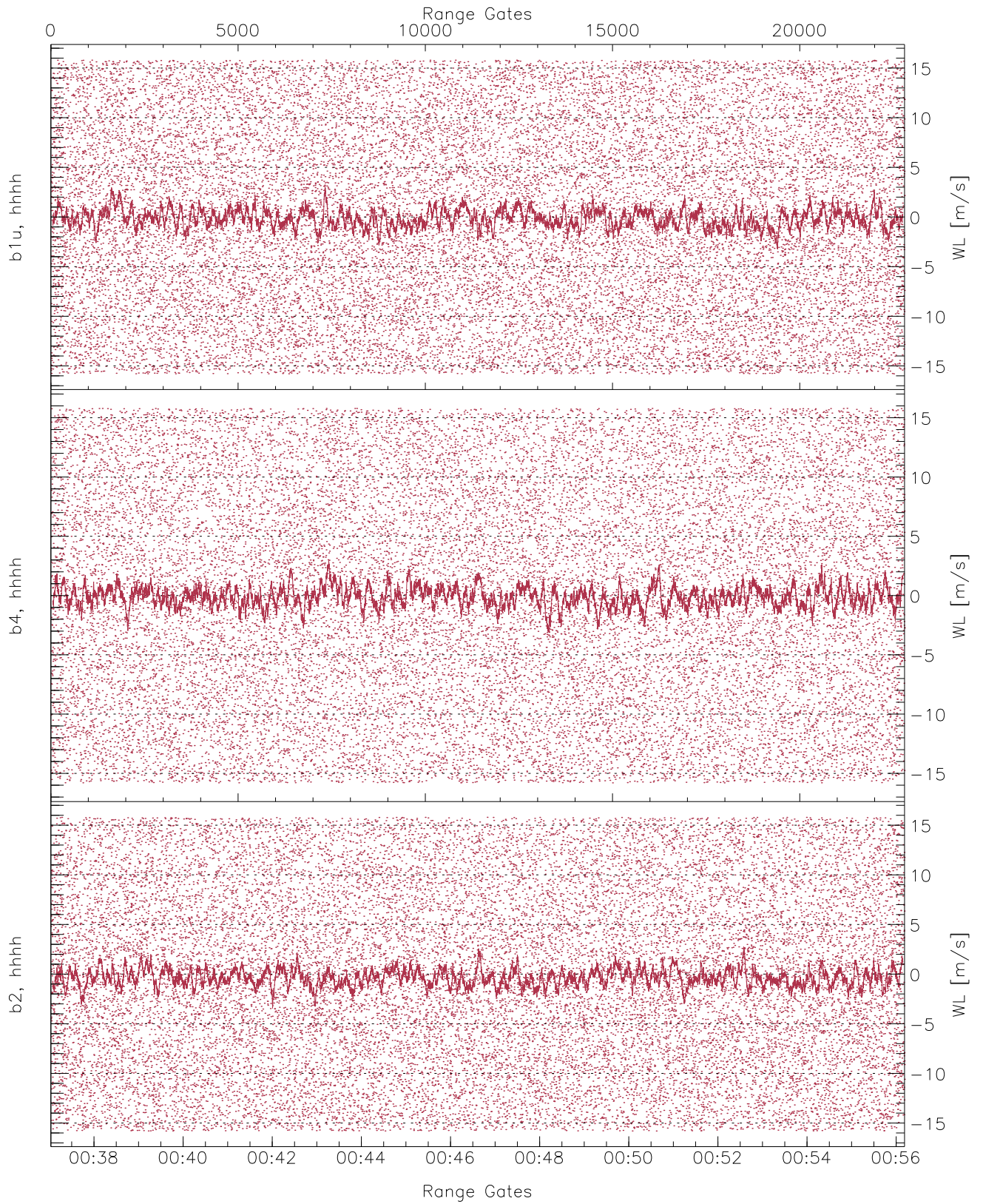
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.58	-61.67	-62.58	-62.59	-75.06
H2RG274_0 [dBm]	-63.06	-61.17	-62.13	-62.13	-74.68
V2RG263_0 [dBm]	-63.69	-61.83	-62.79	-62.80	-75.35



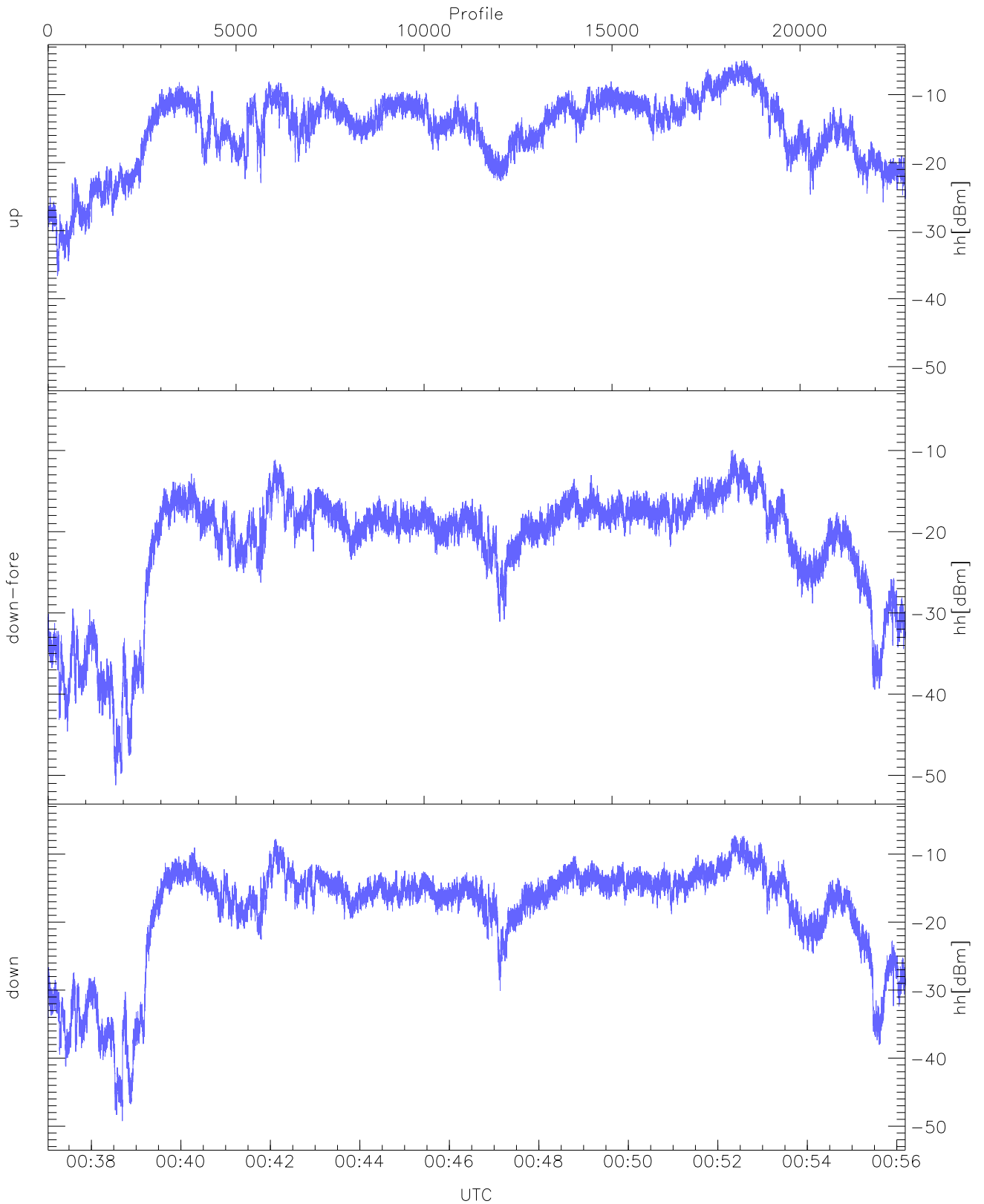
WCR2 CPP Averaged Received power for all recorded gates
blue: 003702-004637, 11401 profiles averaged
red: 004637-005611, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 003702-004637, 11401 profiles averaged
red: 004637-005611, 11400 profiles averaged

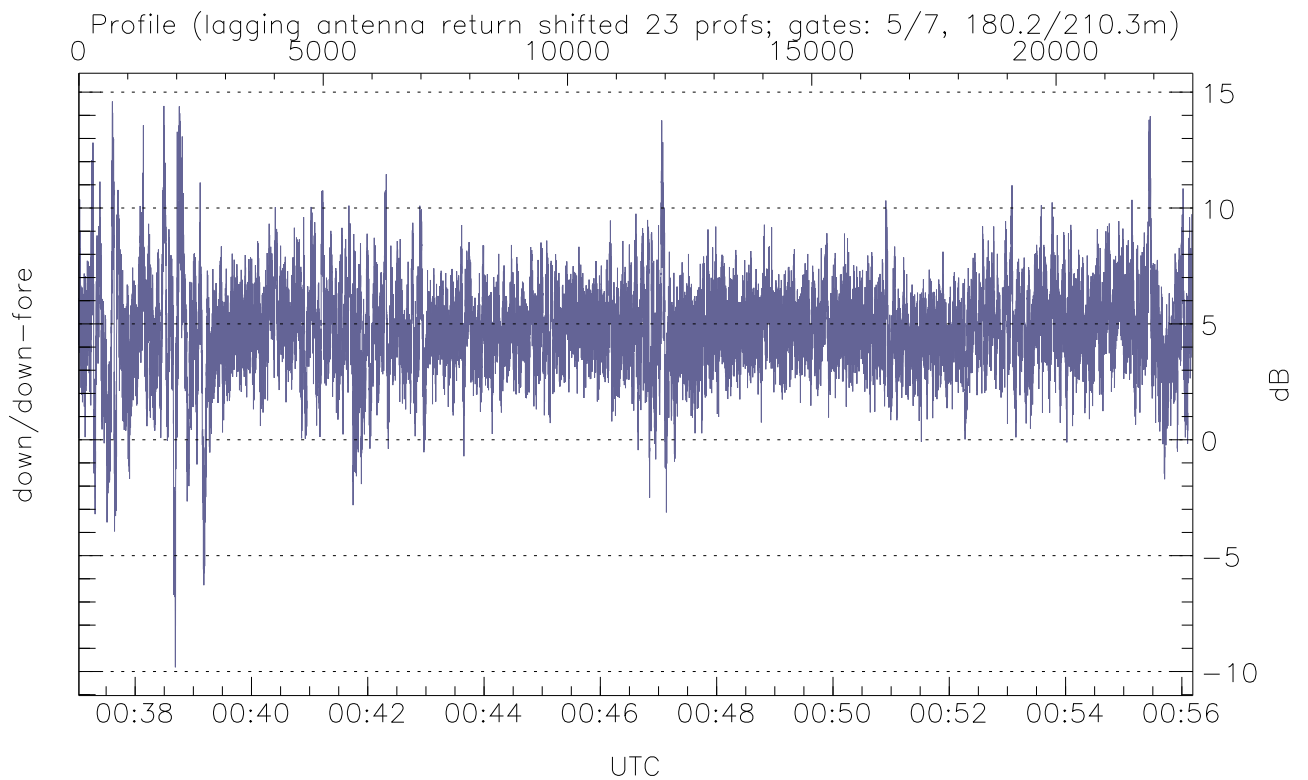
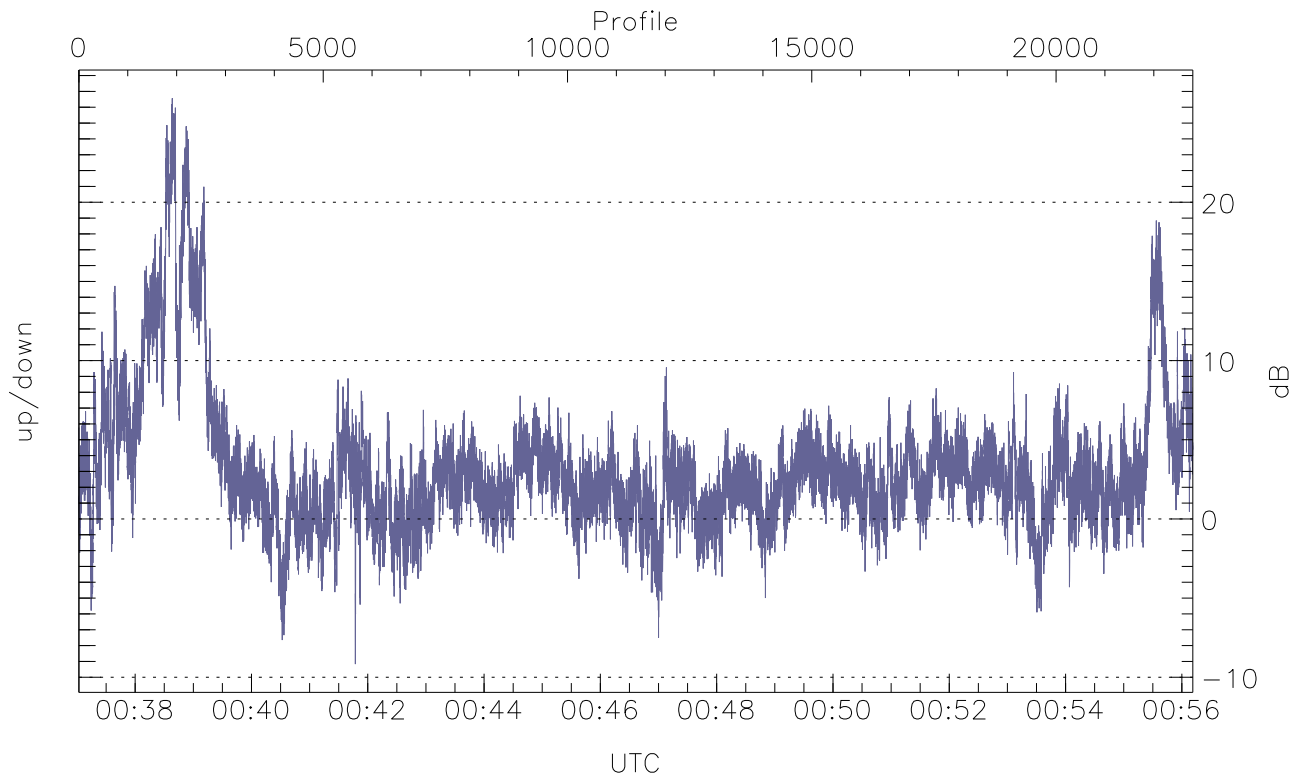


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



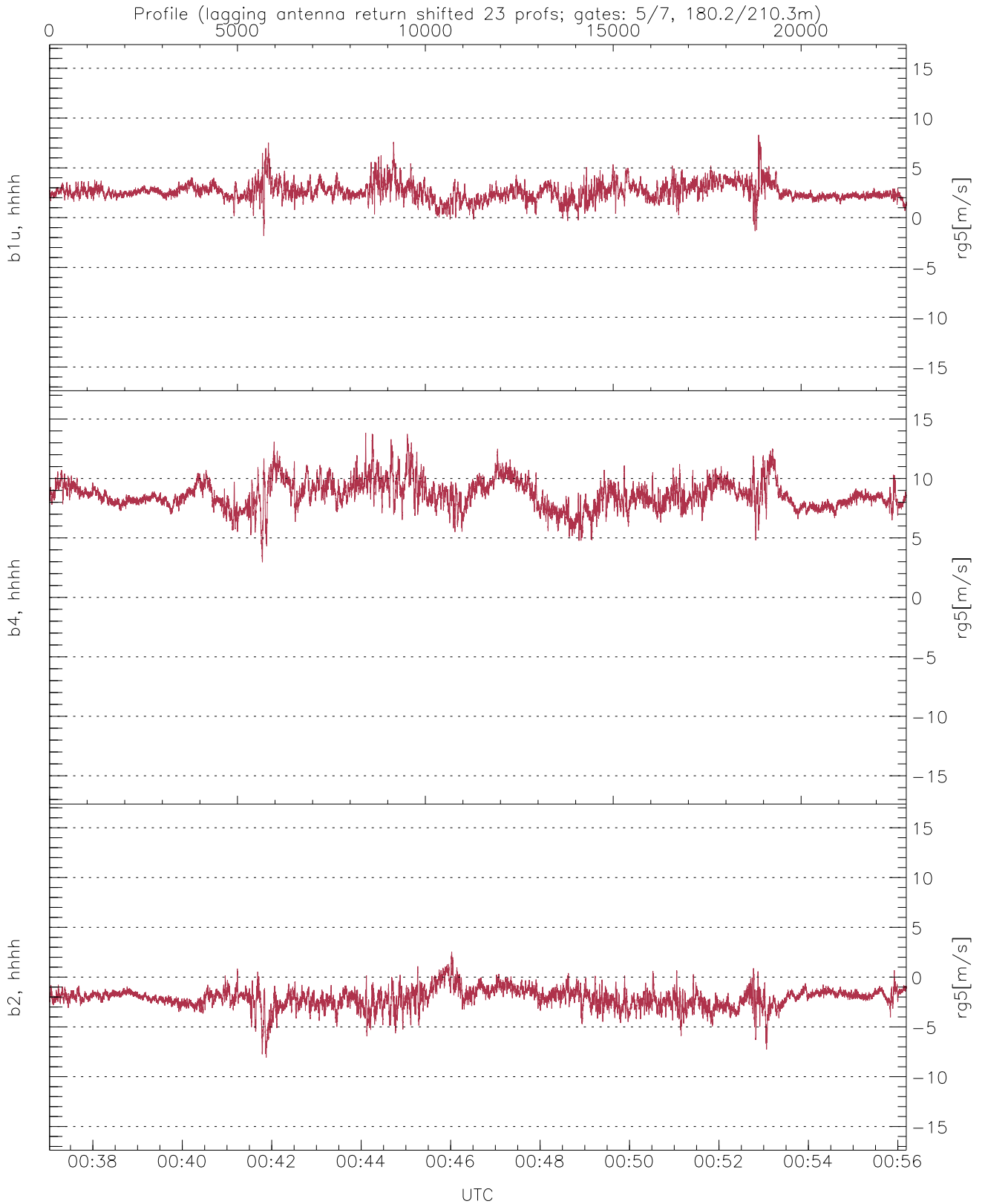
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-36.64	-4.95	-12.96
down-fore(hh[dBm])	-51.22	-9.93	-18.49
down(hh[dBm])	-49.25	-7.24	-15.15



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

	Min	Max	Mean
up/down (dB)	-9.17	26.56	3.16
down/down-fore (dB)	-9.82	14.60	4.78



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.82	8.31	2.60	0.87
b4, hhhh(rg5[m/s])	2.96	13.84	8.63	1.20
b2, hhhh(rg5[m/s])	-8.07	2.54	-2.10	0.99