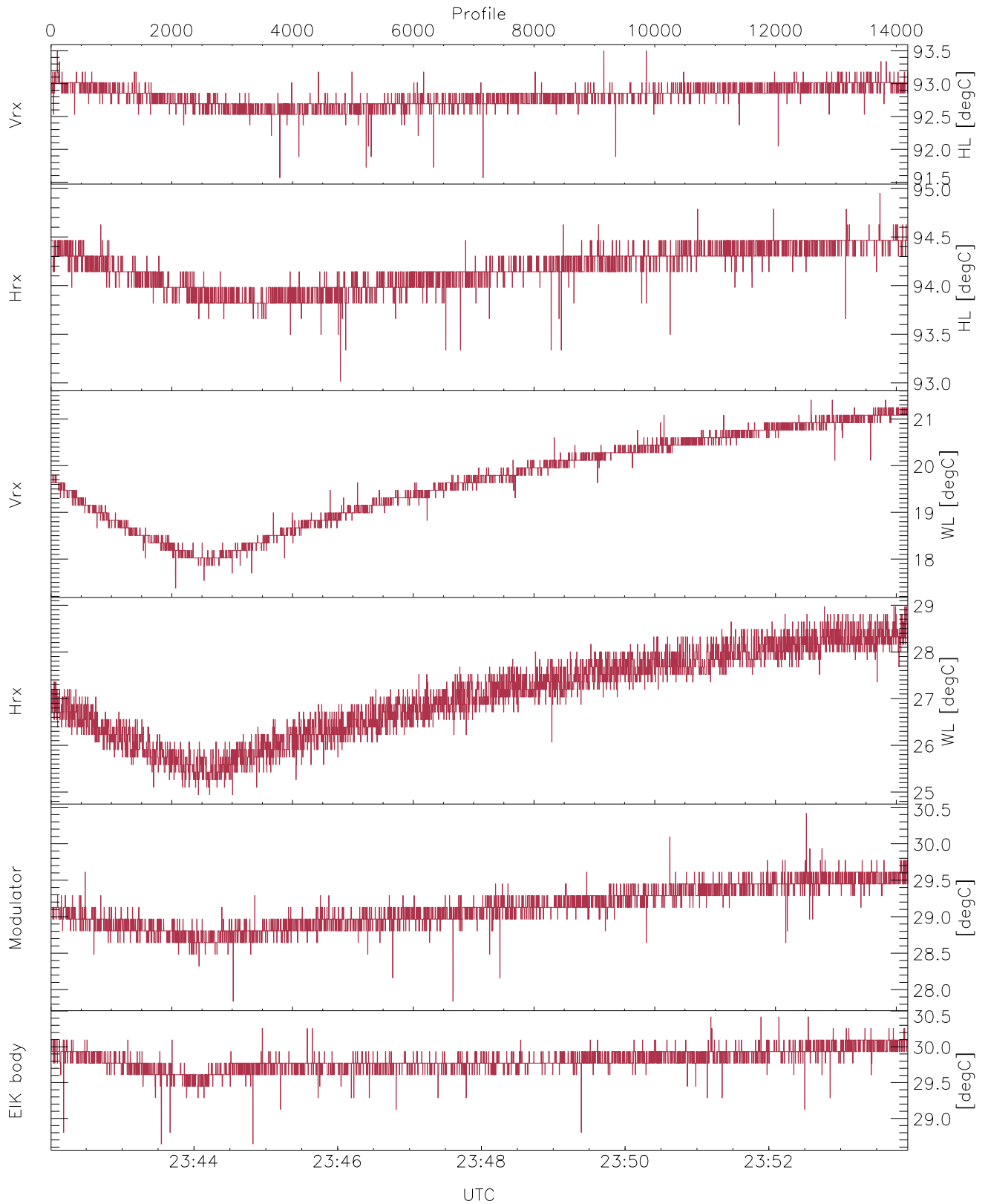


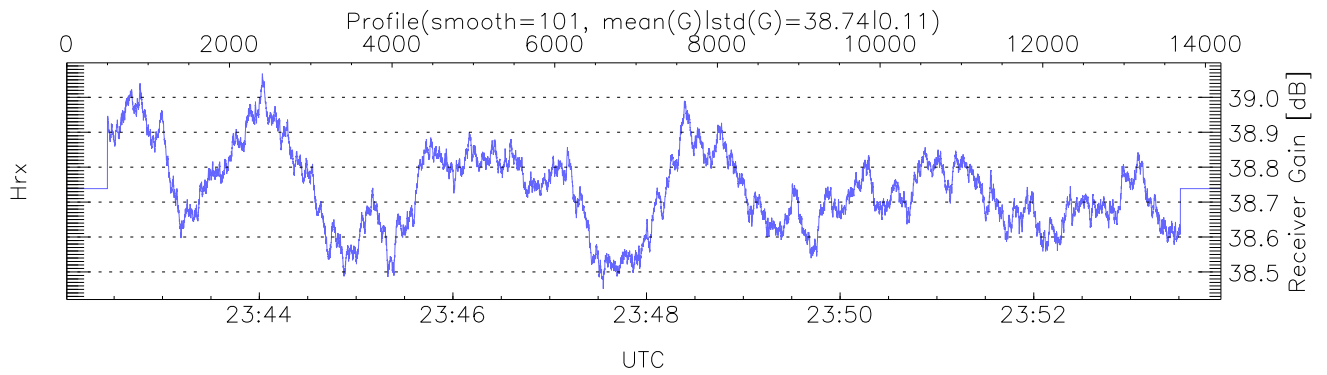
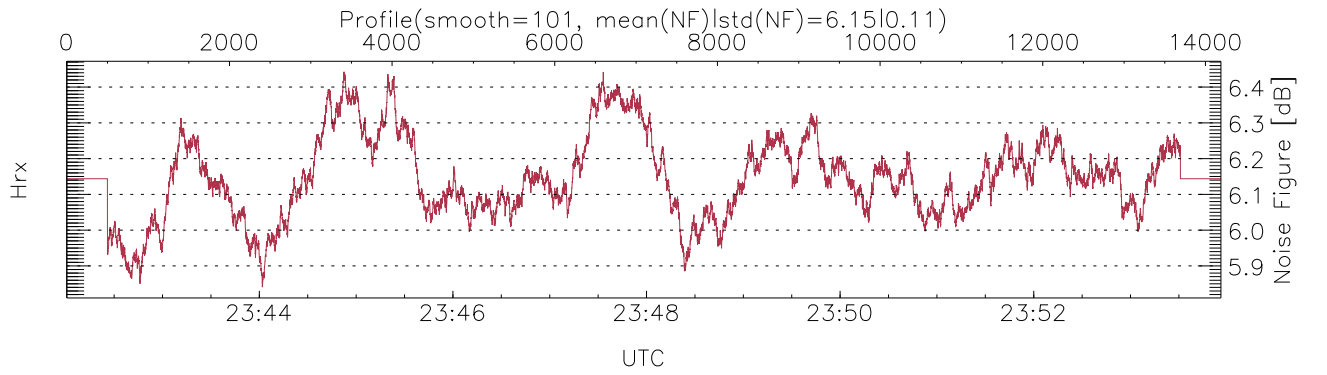
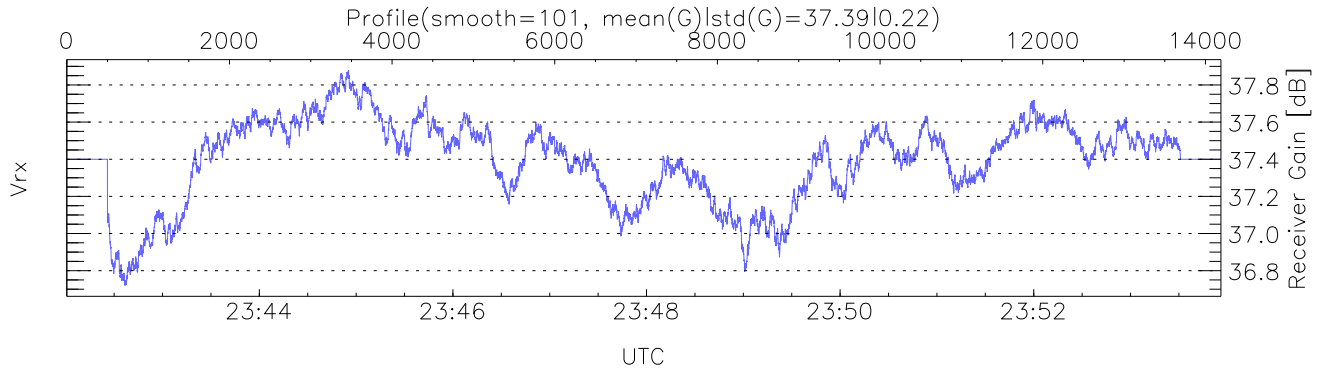
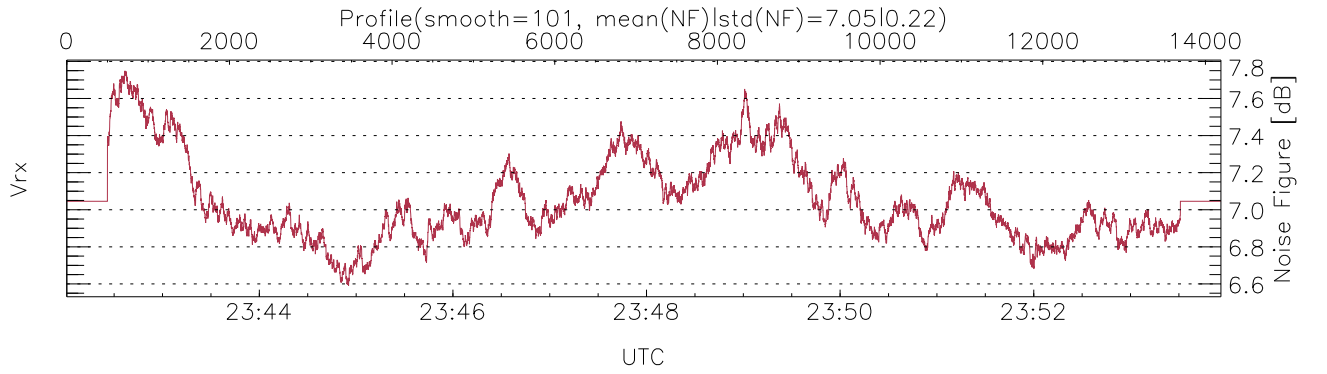
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:42:01-23:53:56, Dur: 715.41s
 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): 14192/14192, 0-14191/23:42:01-23:53:56
 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



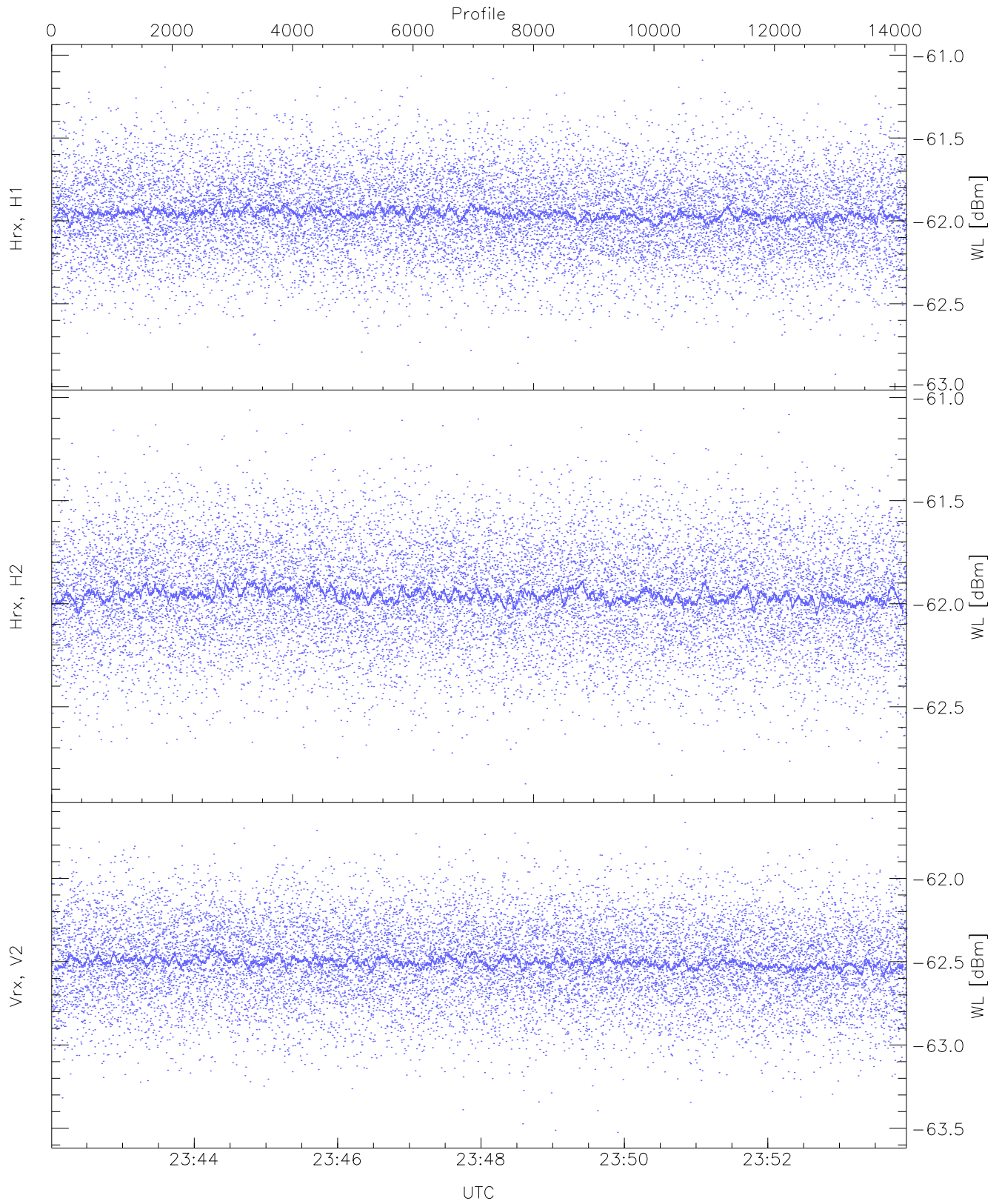
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,24,27,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,28,30,30
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (21,21,21,21,21,10)



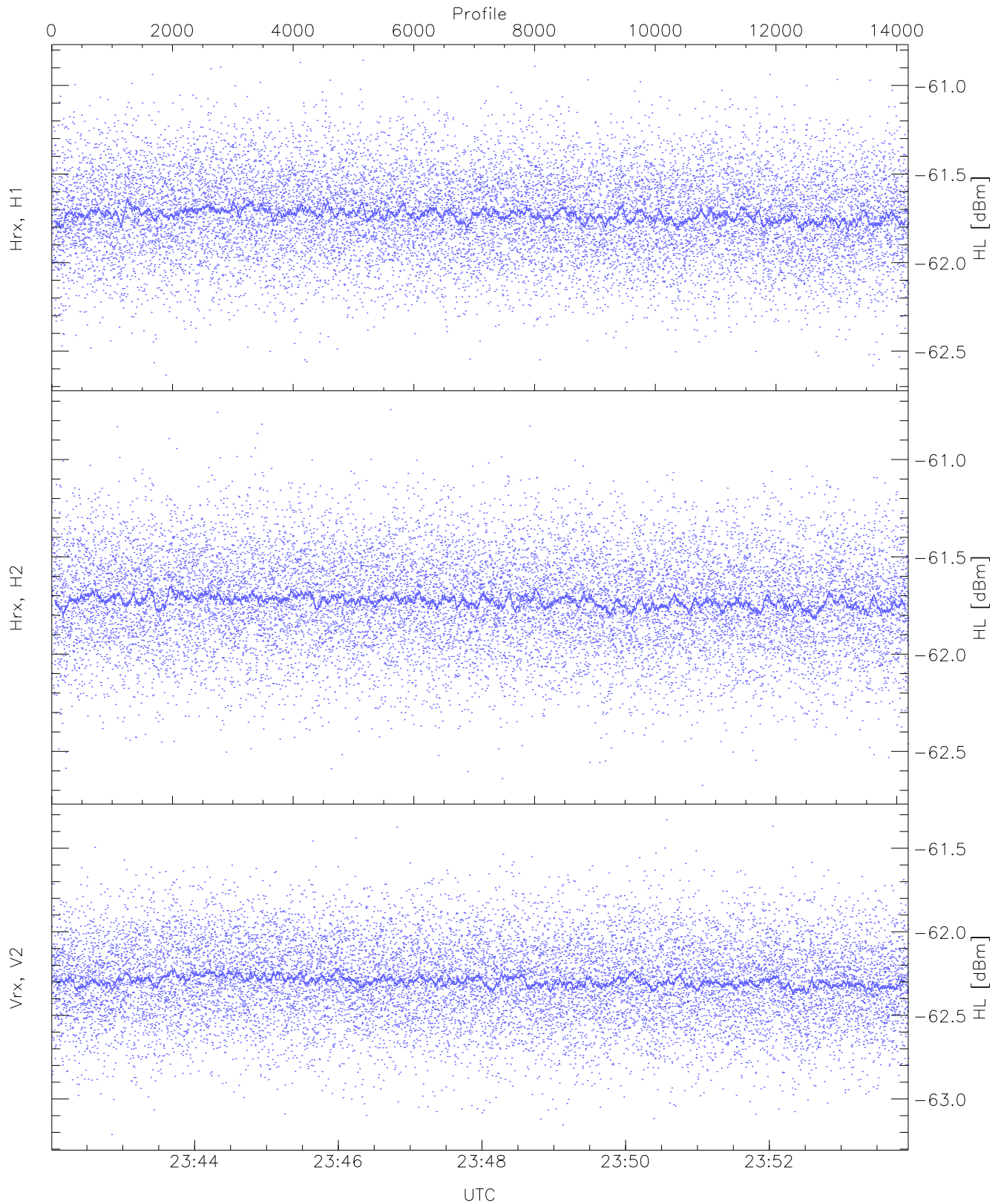
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 905 pixs, 26 gates, 904 profs, 1 prods



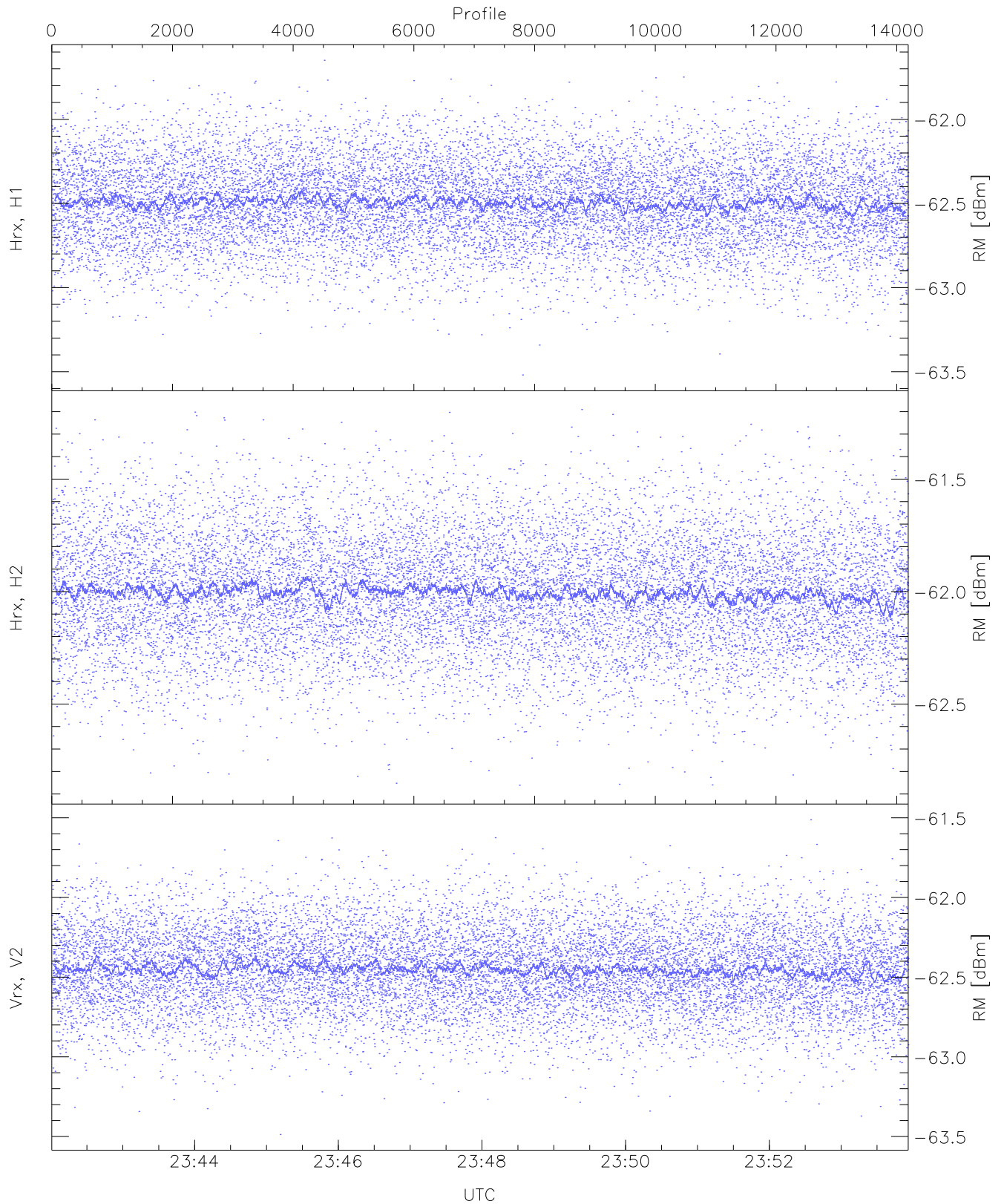
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.93	-61.03	-61.96	-61.96	-74.53
Hrx, H2(WL [dBm])	-62.87	-61.05	-61.96	-61.96	-74.54
Vrx, V2(WL [dBm])	-63.52	-61.64	-62.50	-62.51	-75.09



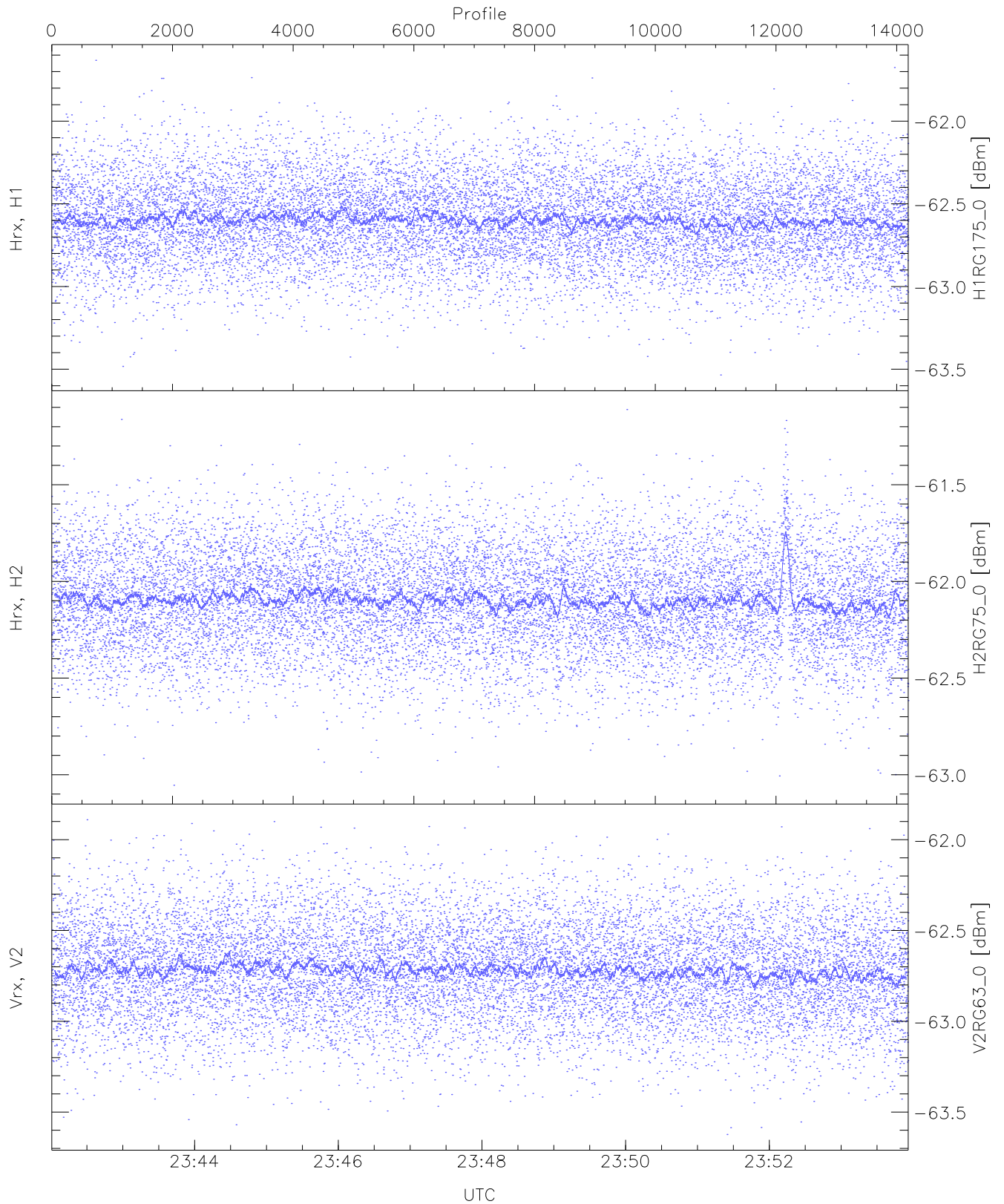
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.63	-60.86	-61.73	-61.73	-74.31
Hrx, H2 (HL [dBm])	-62.67	-60.74	-61.72	-61.73	-74.28
Vrx, V2 (HL [dBm])	-63.21	-61.33	-62.29	-62.30	-74.84



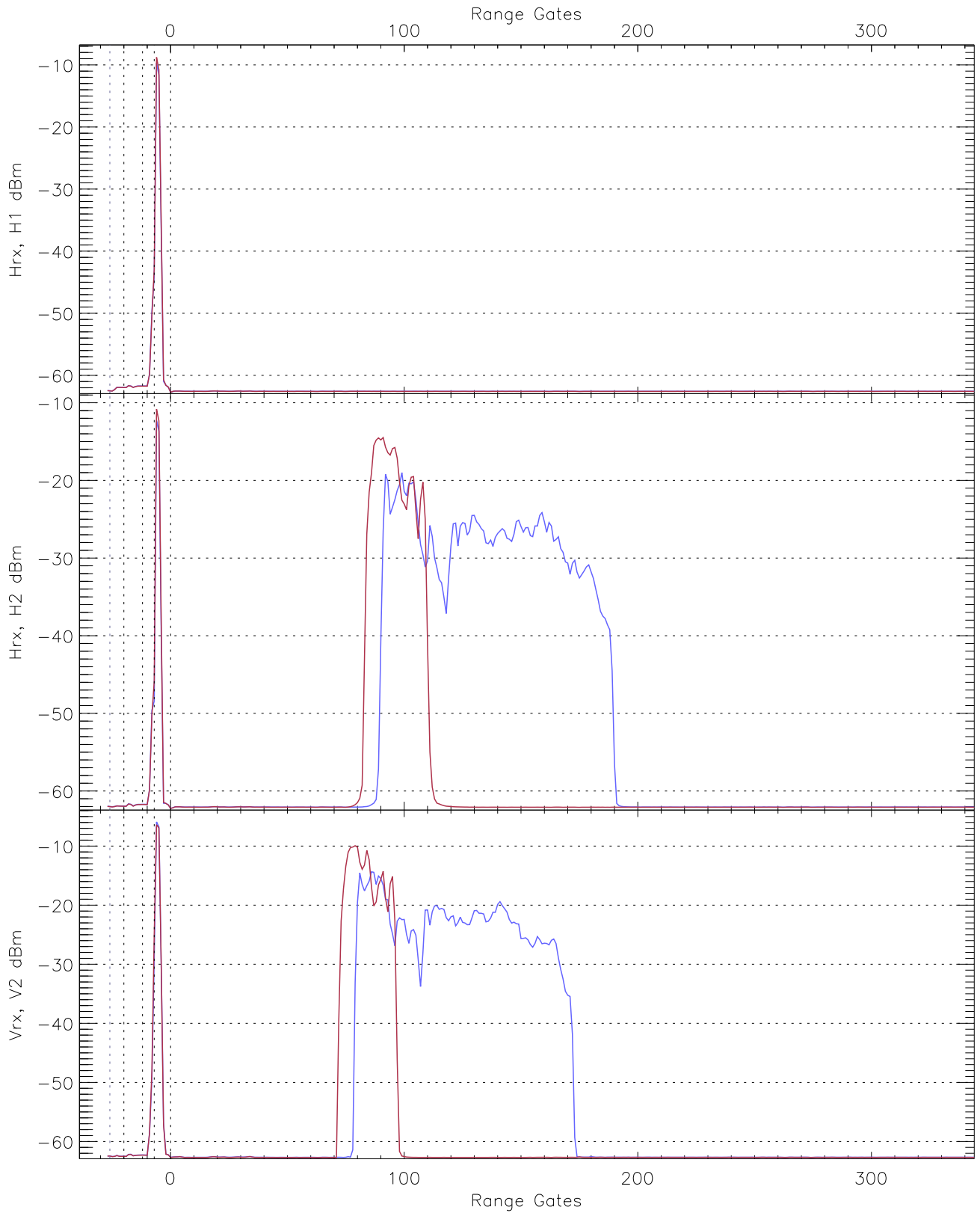
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.52	-61.65	-62.49	-62.50	-75.11
Hrx, H2(RM [dBm])	-62.86	-61.19	-62.00	-62.01	-74.57
Vrx, V2(RM [dBm])	-63.49	-61.51	-62.45	-62.45	-75.01

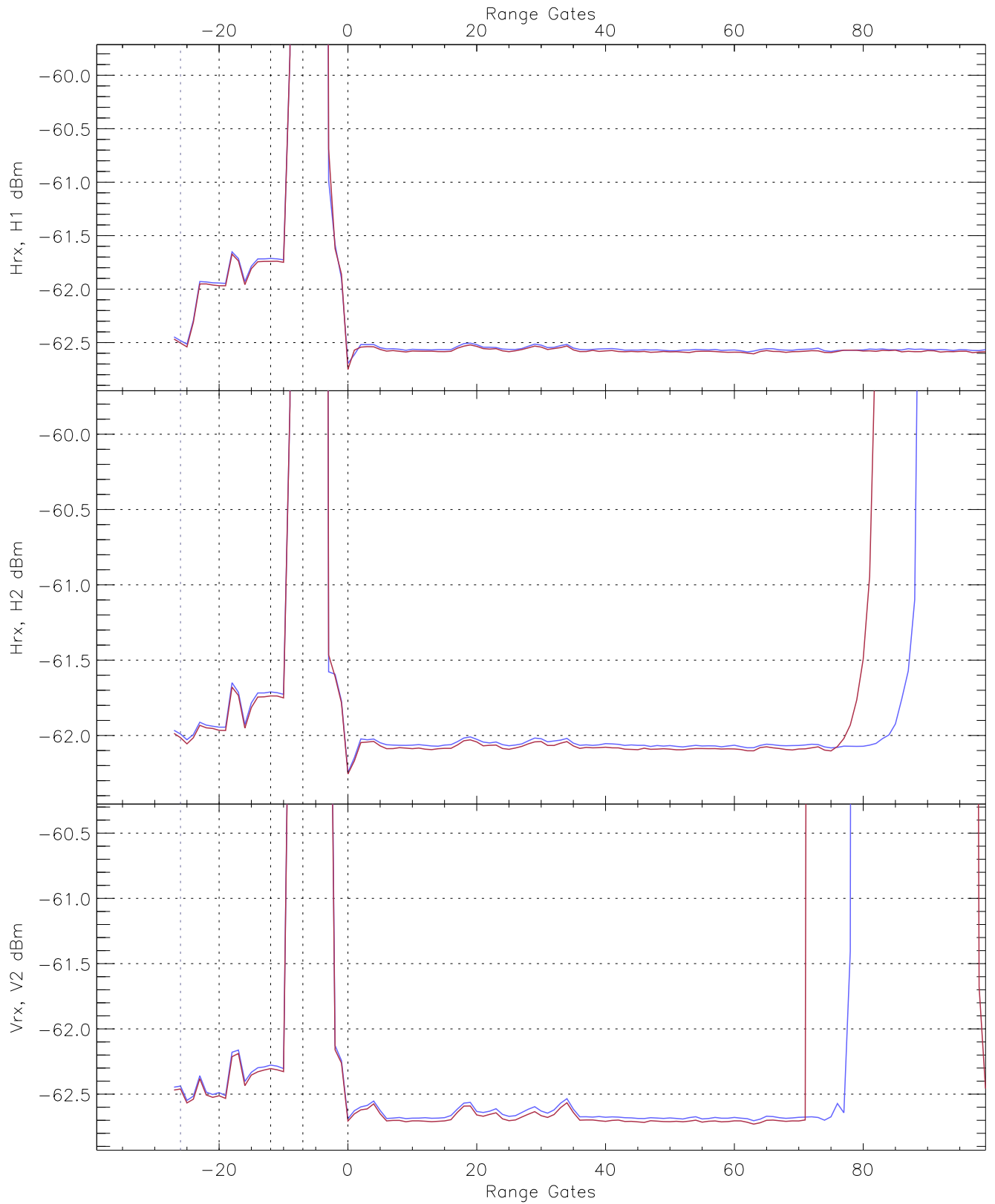


WCR2 CPP "Best" estimate Receivers Noise Power

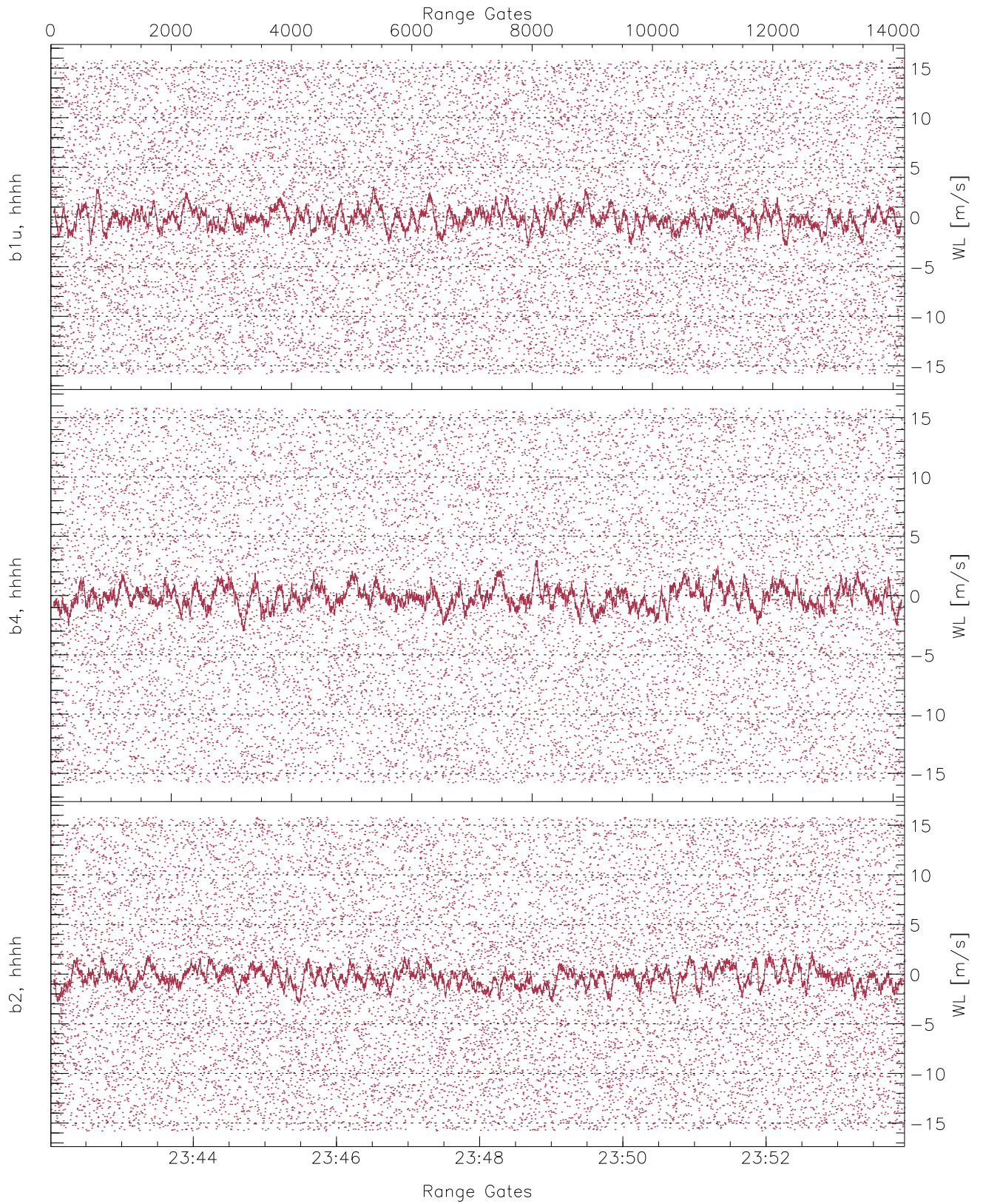
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.54	-61.63	-62.60	-62.60	-75.17
H2RG75_0 [dBm]	-63.05	-61.11	-62.09	-62.10	-74.63
V2RG63_0 [dBm]	-63.62	-61.89	-62.72	-62.72	-75.24



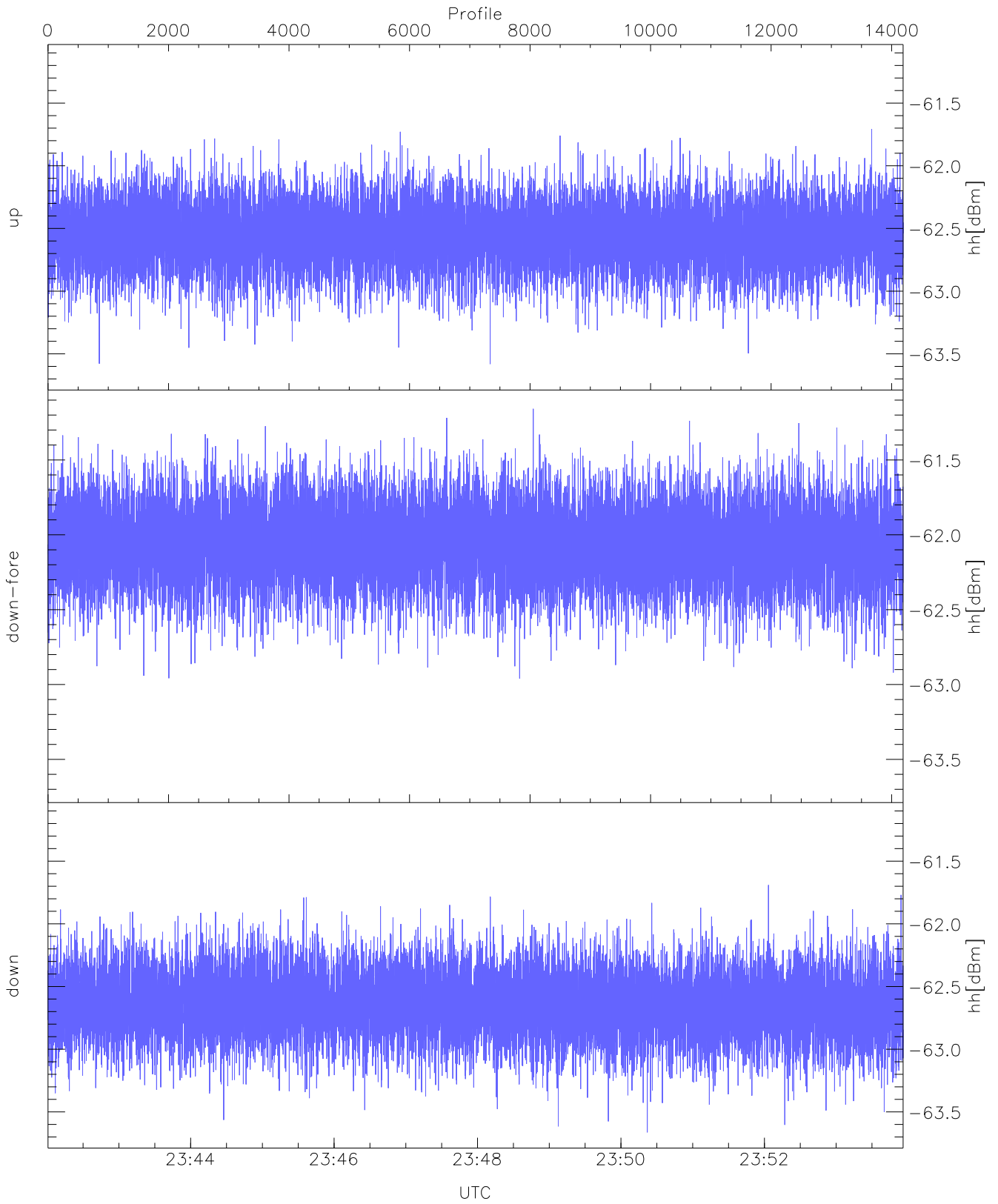
WCR2 CPP Averaged Received power for all recorded gates
blue: 234201-234758, 7097 profiles averaged
red: 234758-235356, 7096 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 234201-234758, 7097 profiles averaged
red: 234758-235356, 7096 profiles averaged

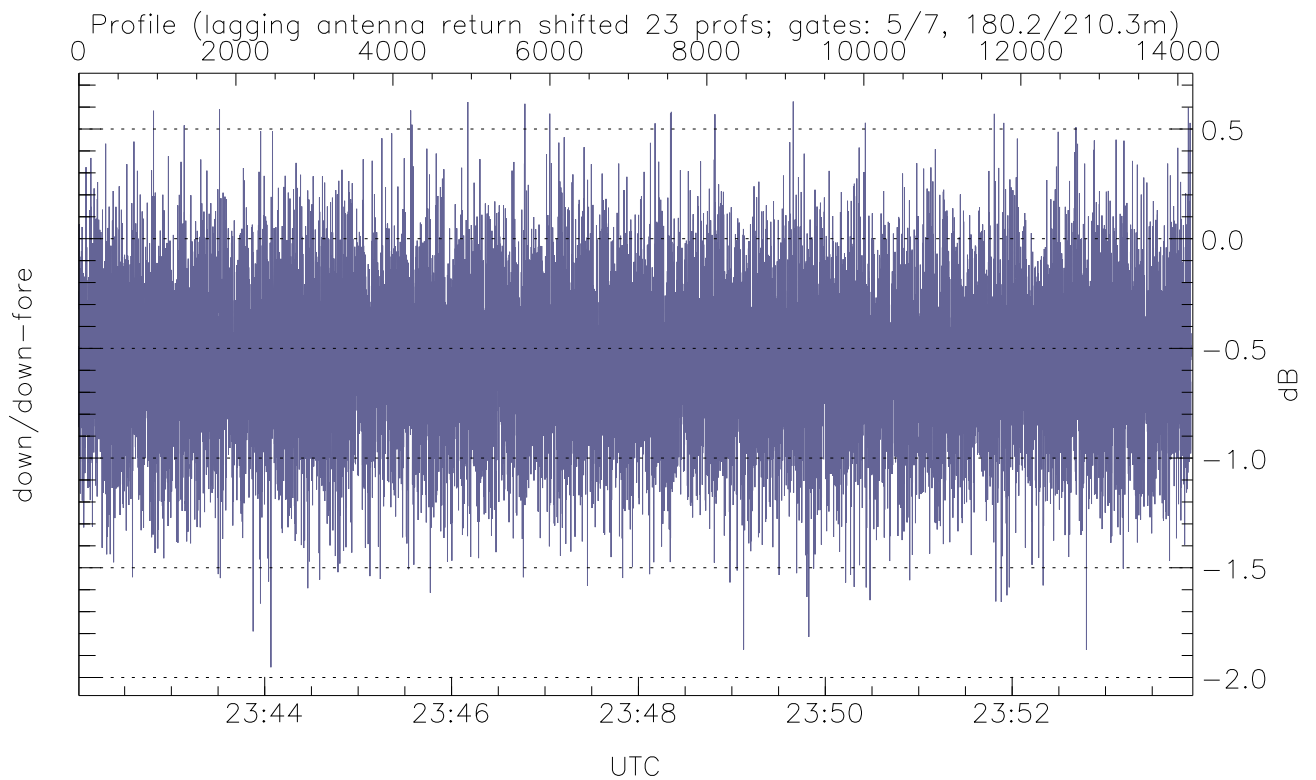
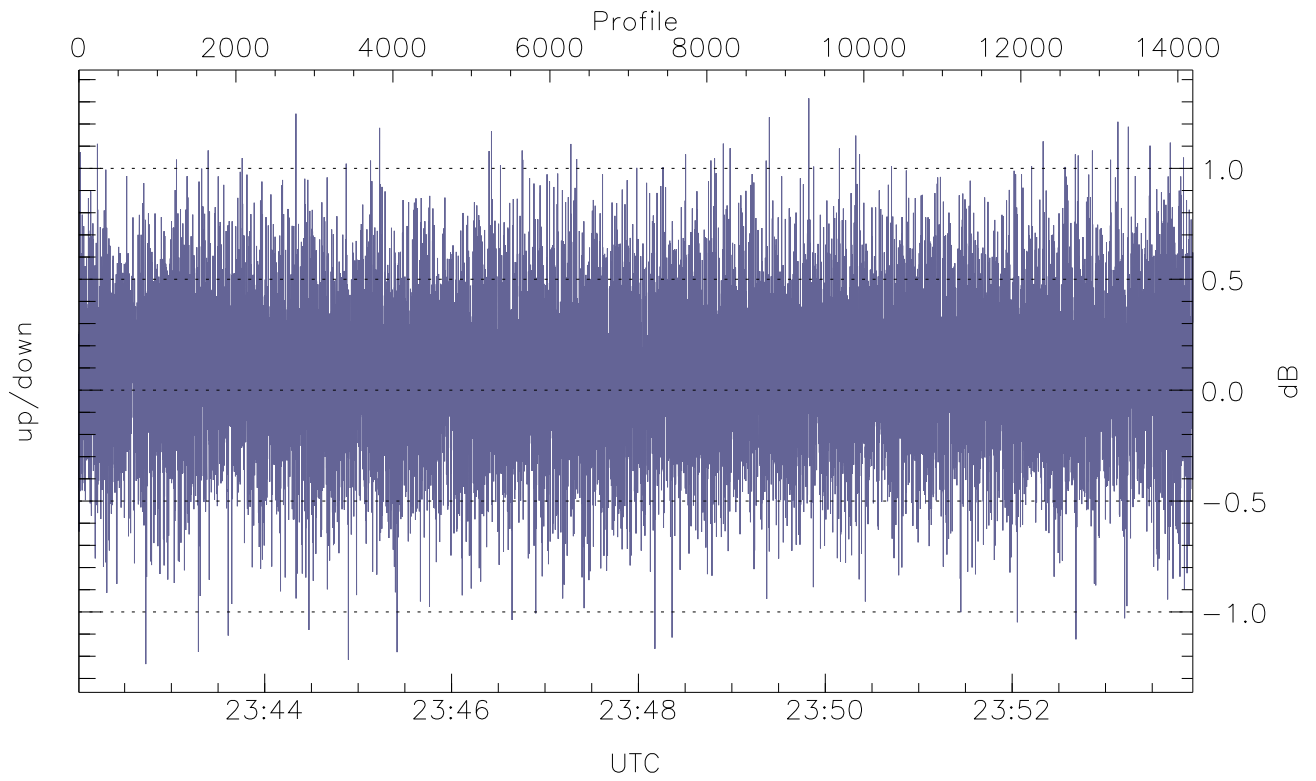


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



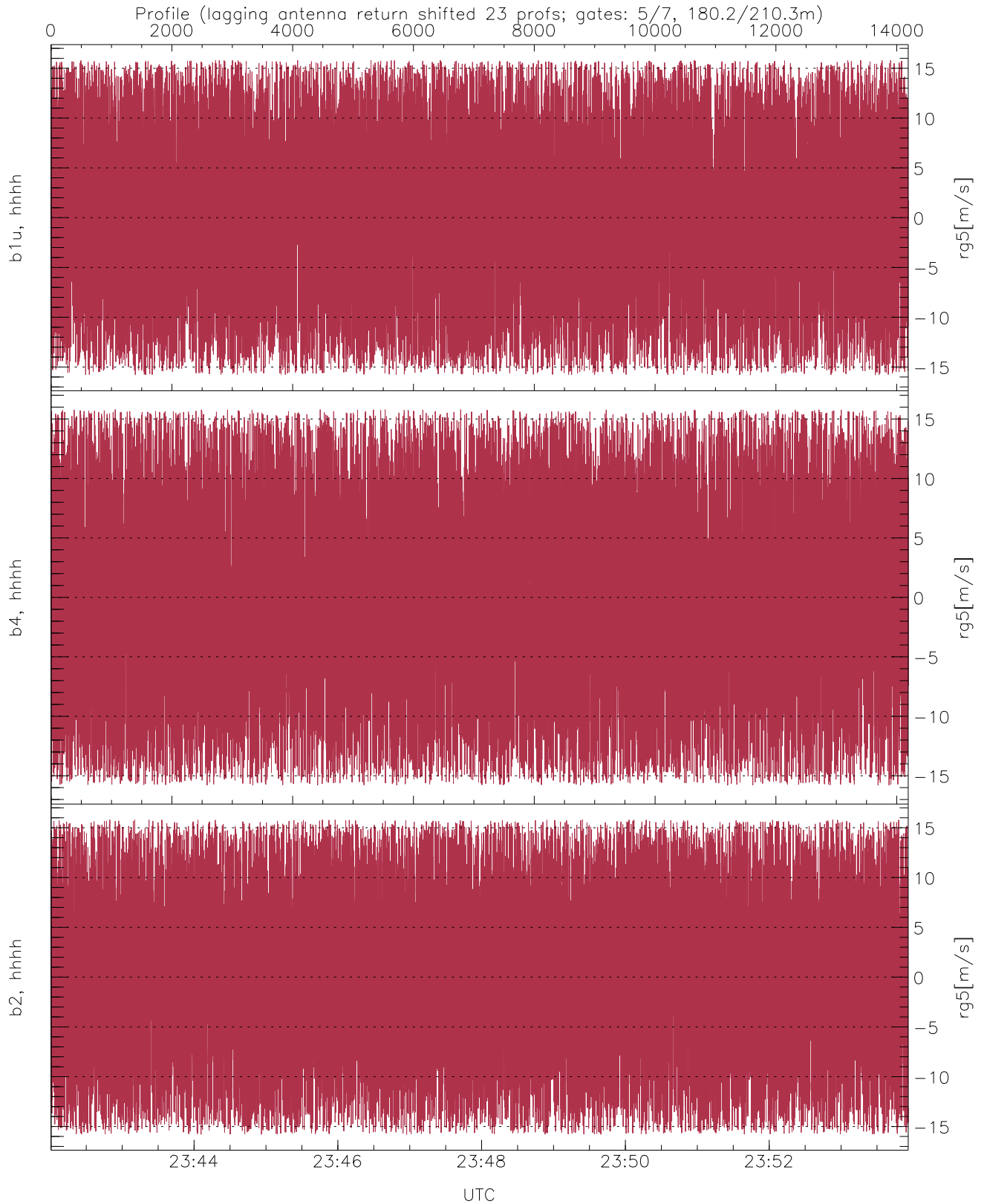
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.58	-61.71	-62.56
down-fore(hh[dBm])	-62.96	-61.16	-62.06
down(hh[dBm])	-63.66	-61.69	-62.64



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

	Min	Max	Mean
up/down (dB)	-1.24	1.32	0.08
down/down-fore (dB)	-1.95	0.63	-0.56



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.08	8.99
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.12	8.96
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.36	9.08