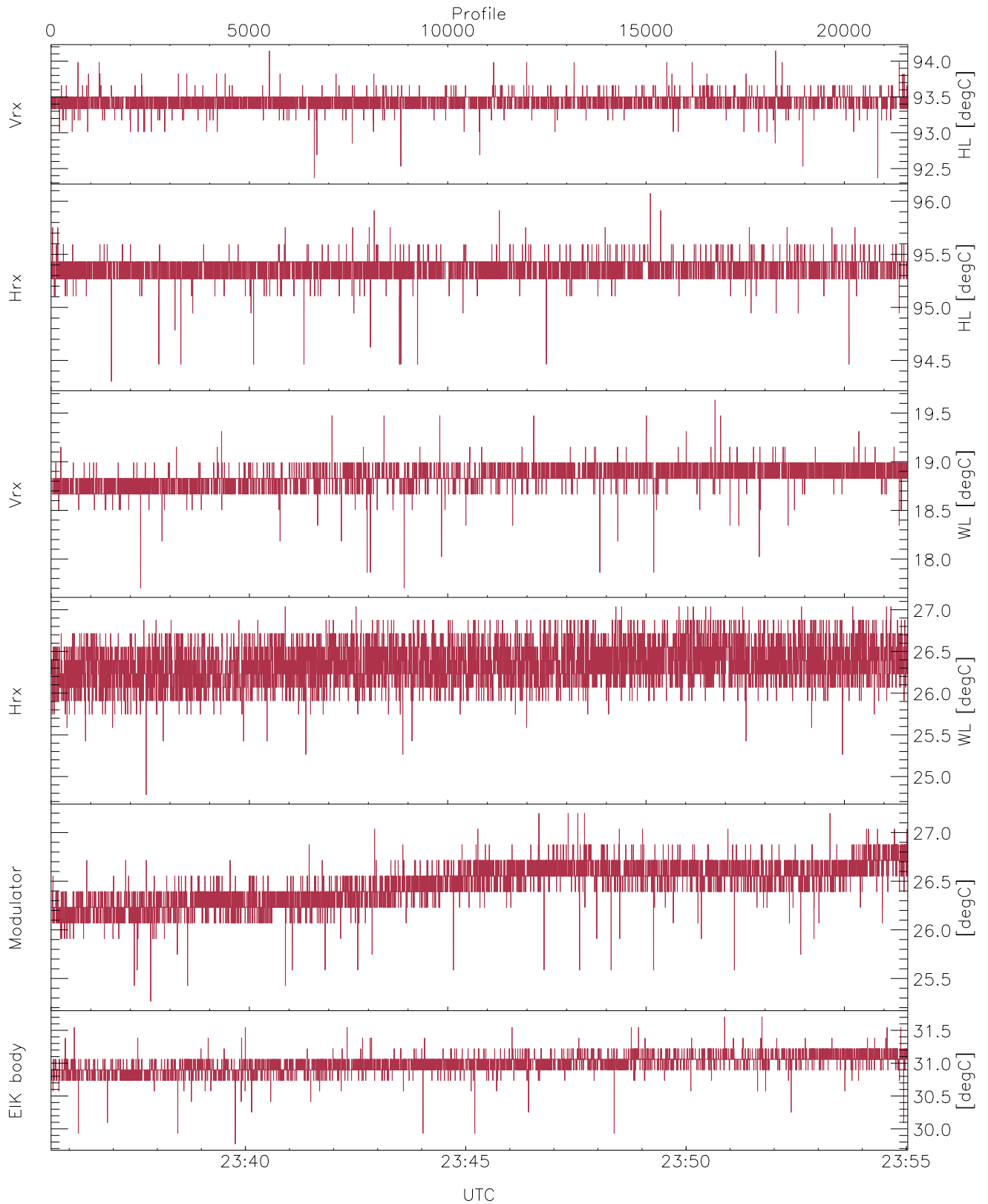


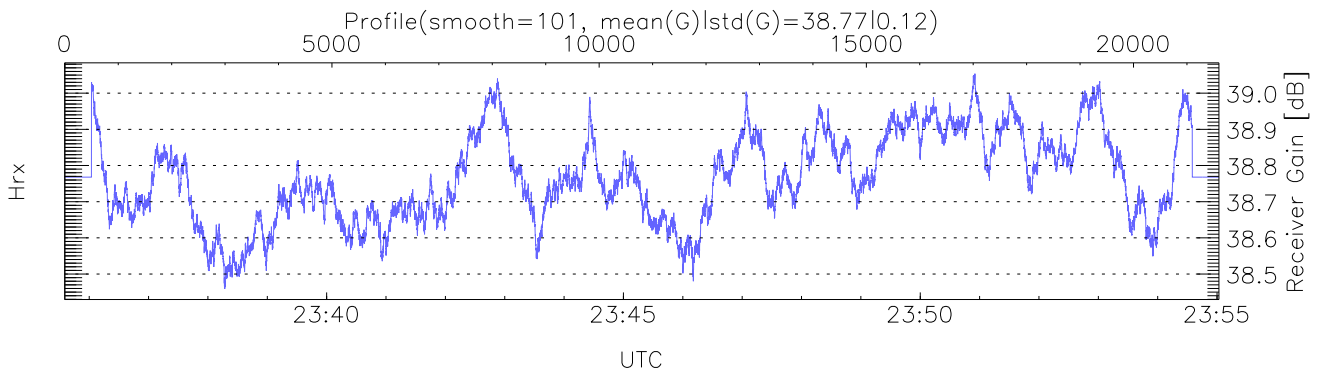
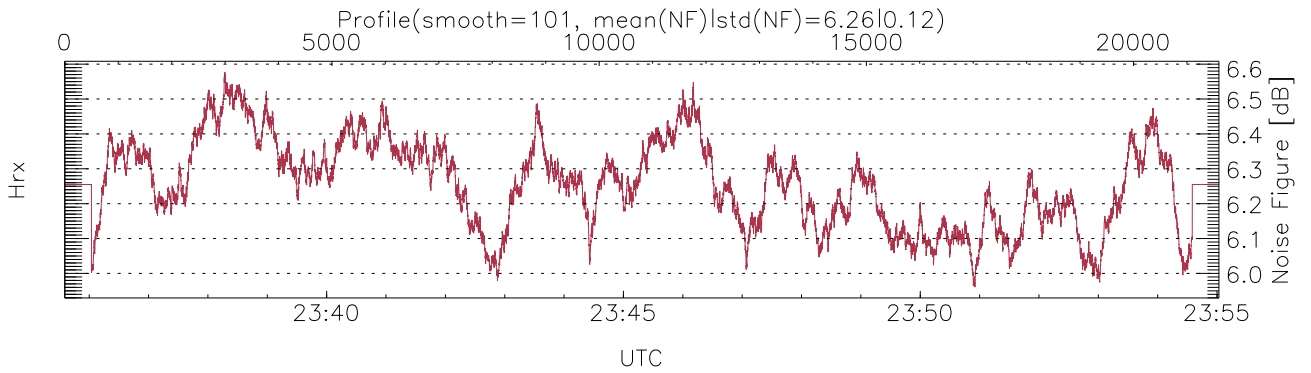
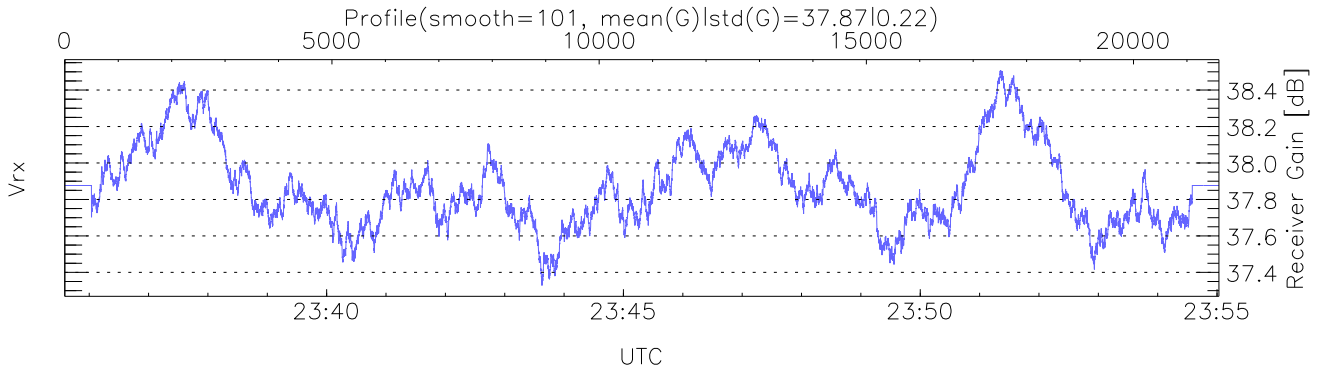
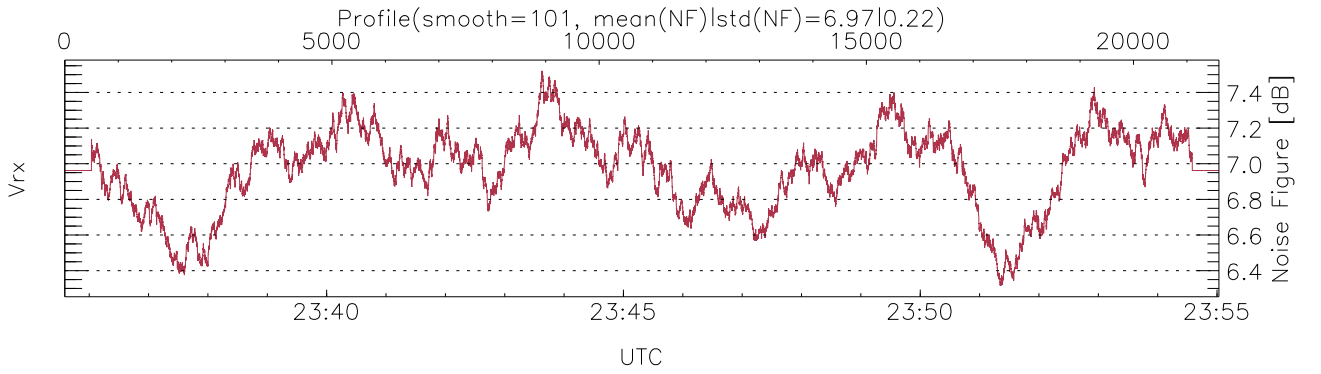
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:35:35-00:11:44, Dur: 2168.43s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/40147, 0-21599/23:35:35-23:55:02
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, 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): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



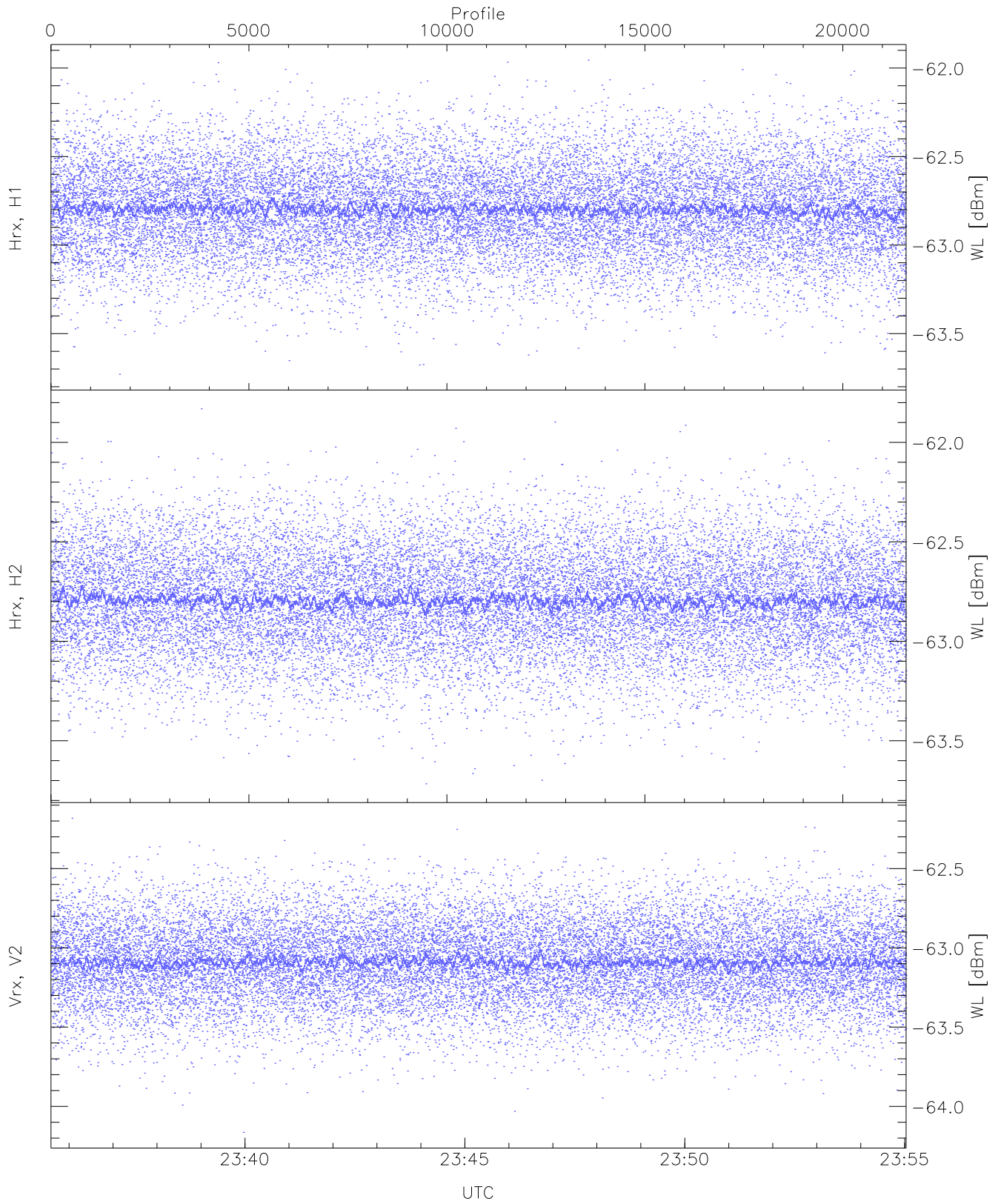
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,24,25,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,19,27,27,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckF,HVPS (5,5)



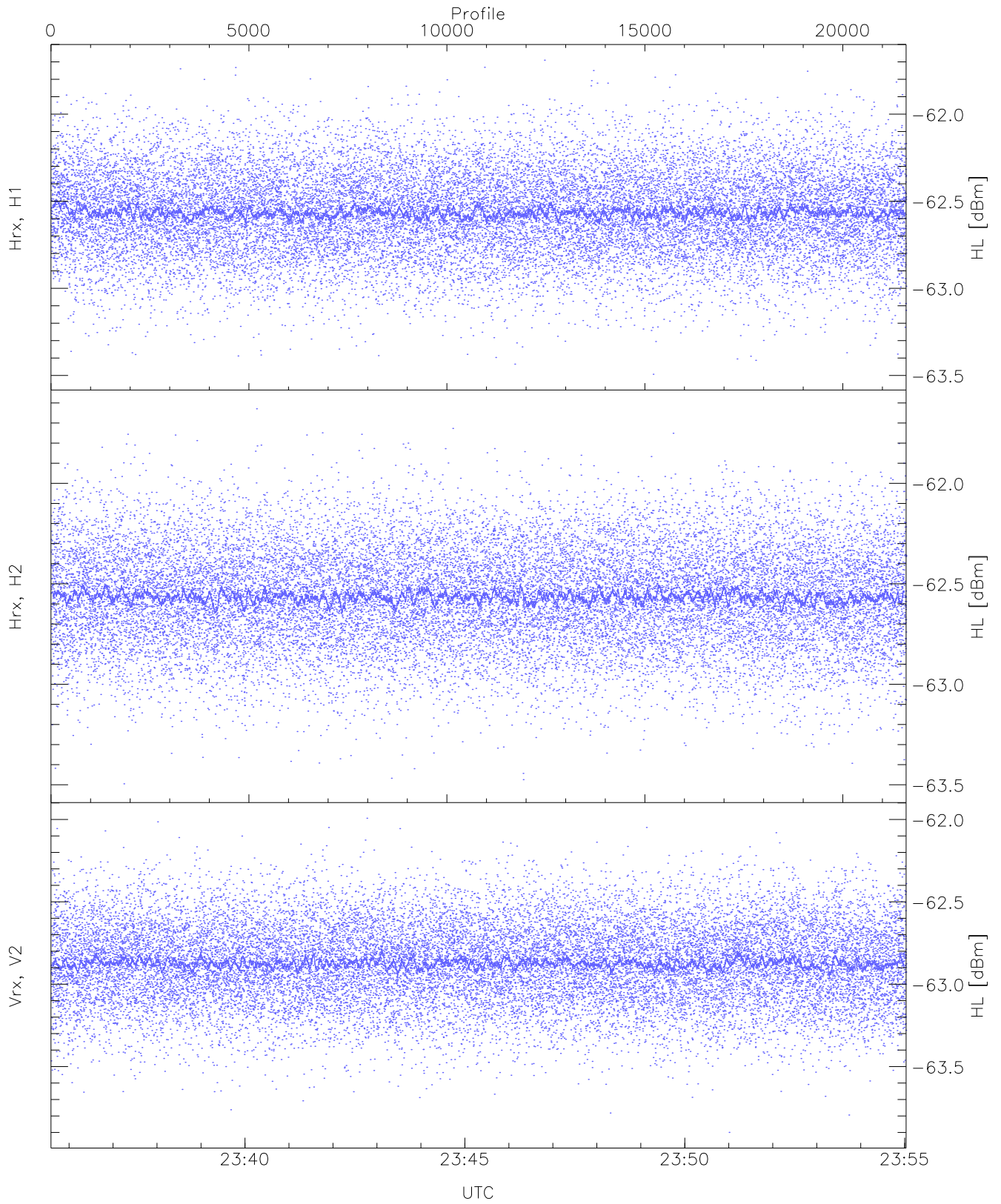
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1764 pixs, 53 gates, 1754 profs, 2 prods



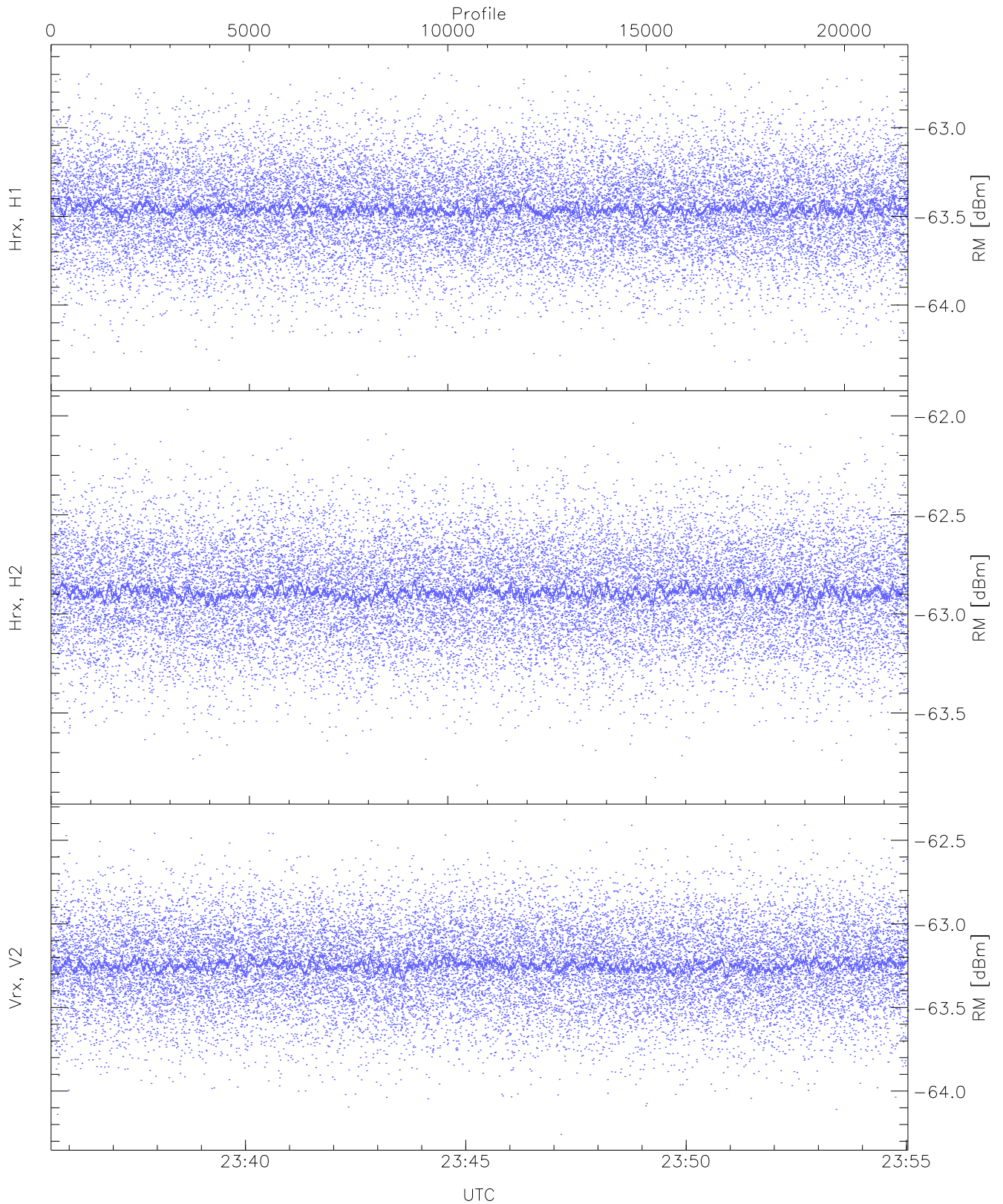
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.73	-61.96	-62.79	-62.80	-75.50
Hrx, H2(WL [dBm])	-63.72	-61.83	-62.79	-62.80	-75.48
Vrx, V2(WL [dBm])	-64.16	-62.18	-63.09	-63.09	-75.81



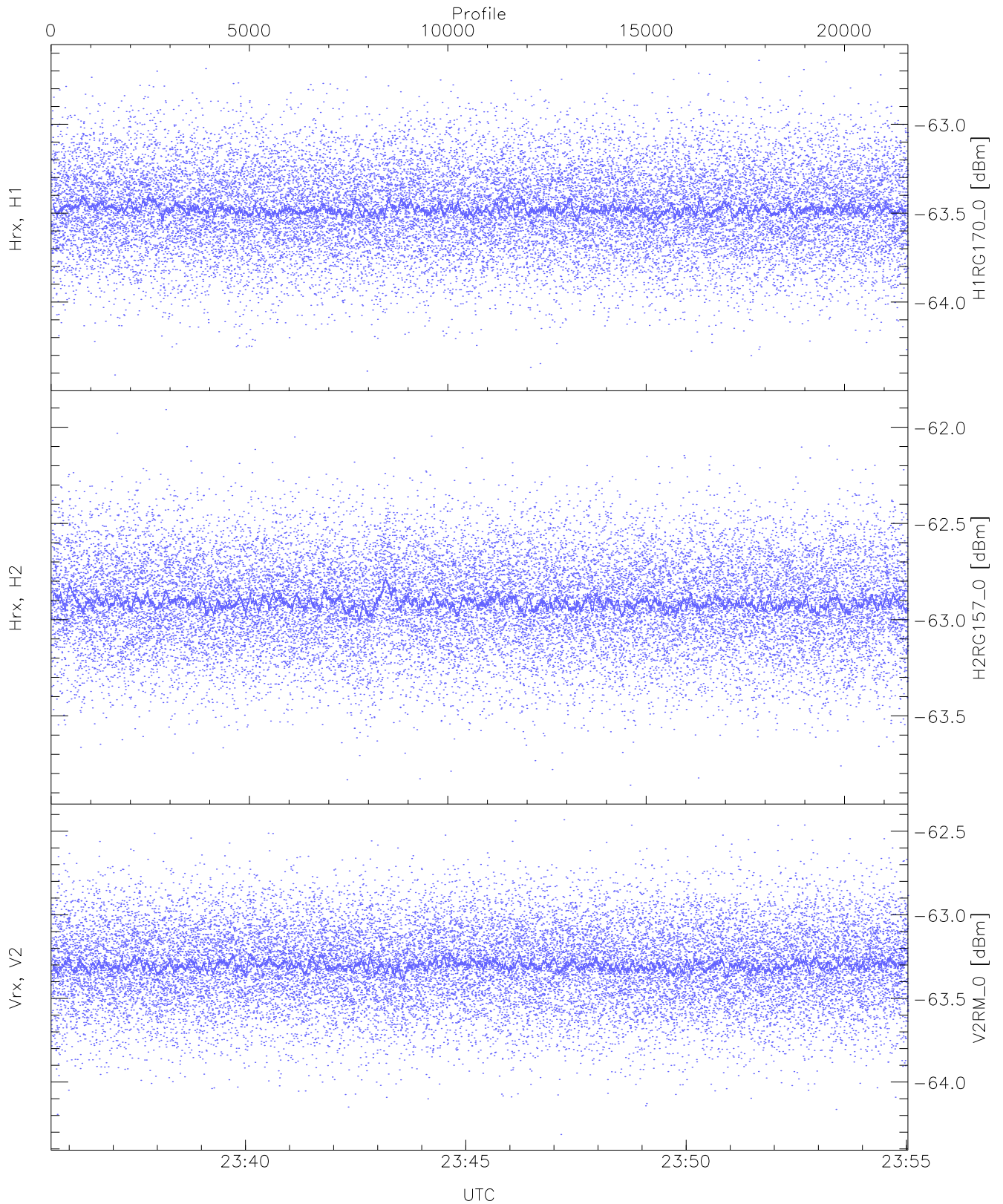
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.49	-61.69	-62.56	-62.57	-75.28
Hrx, H2 (HL [dBm])	-63.50	-61.63	-62.56	-62.57	-75.25
Vrx, V2 (HL [dBm])	-63.90	-61.99	-62.87	-62.87	-75.54



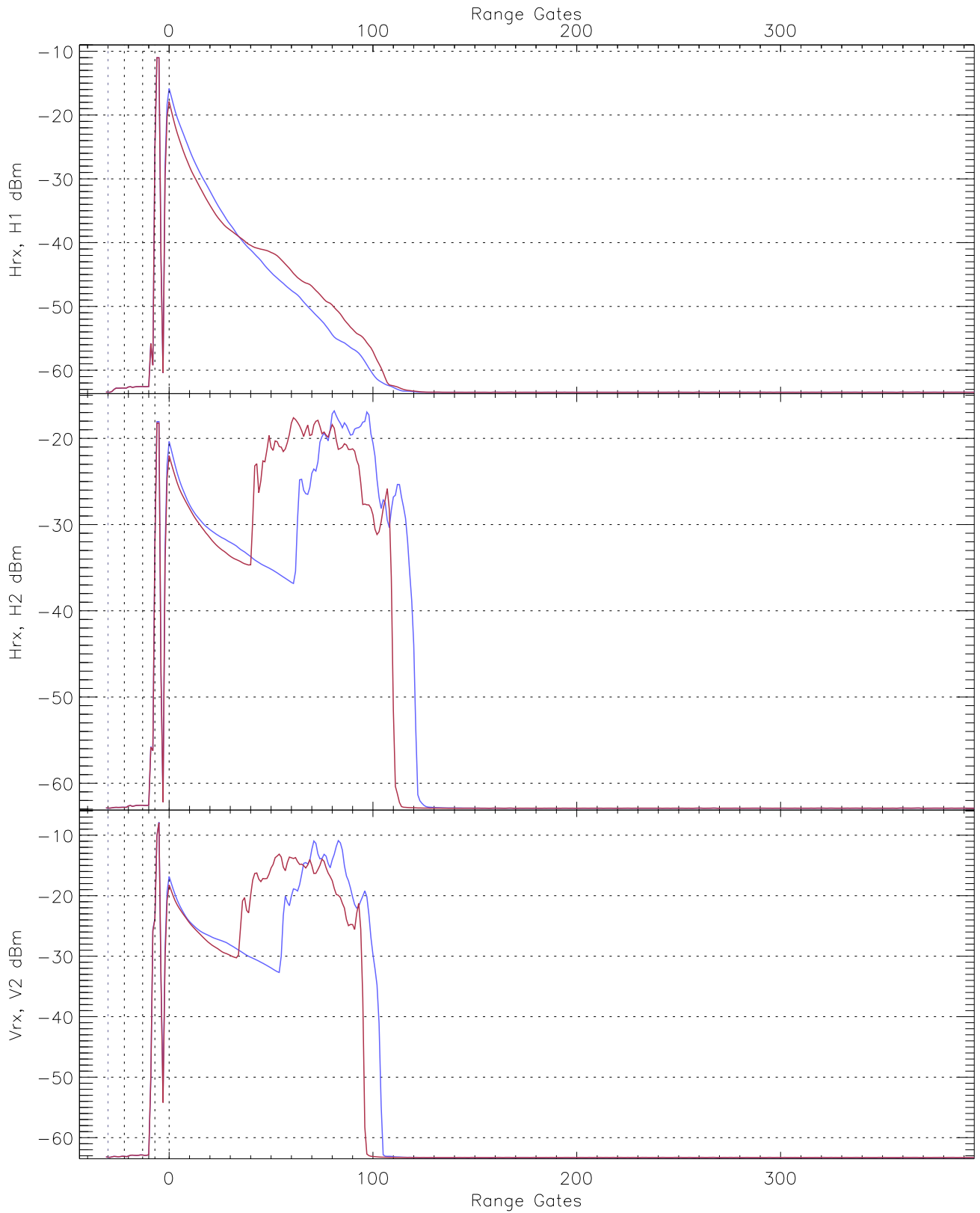
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.39	-62.62	-63.45	-63.46	-76.19
Hrx, H2 (RM [dBm])	-63.86	-61.97	-62.89	-62.89	-75.61
Vrx, V2 (RM [dBm])	-64.26	-62.38	-63.24	-63.25	-75.93

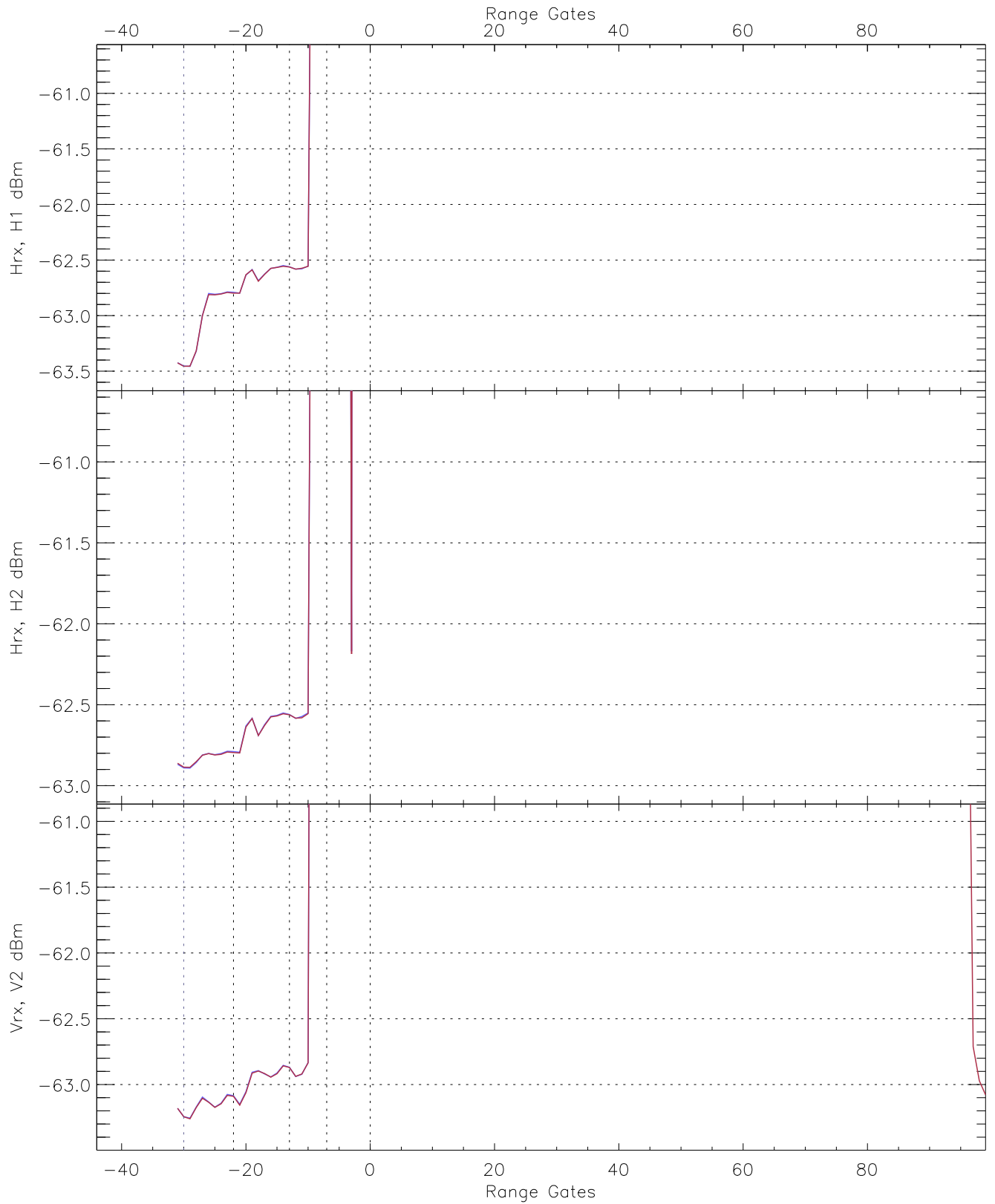


WCR2 CPP "Best" estimate Receivers Noise Power

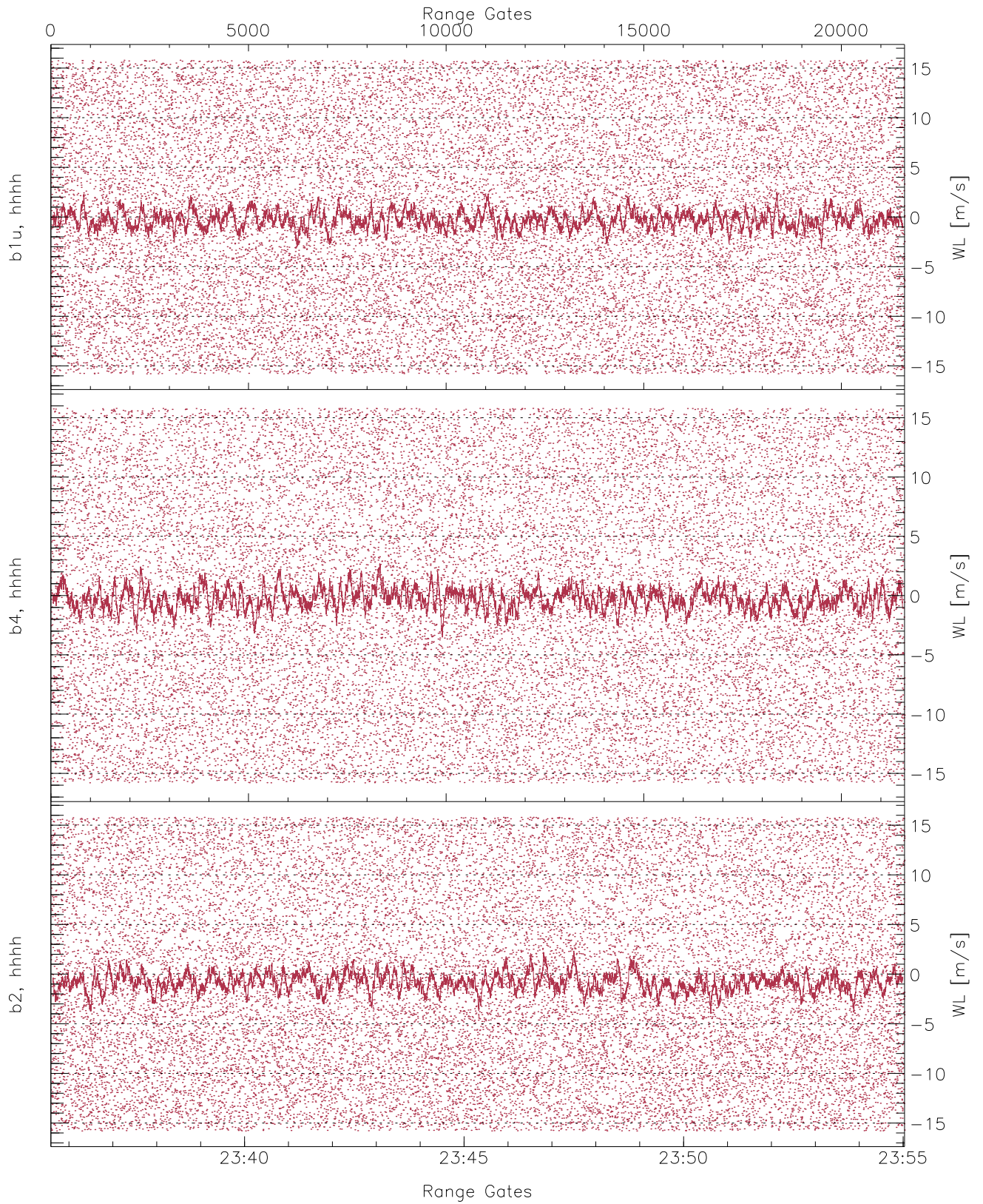
	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.41	-62.64	-63.47	-63.48	-76.17
H2RG157_0 [dBm]	-63.86	-61.91	-62.91	-62.91	-75.59
V2RM_0 [dBm]	-64.31	-62.43	-63.30	-63.30	-75.98



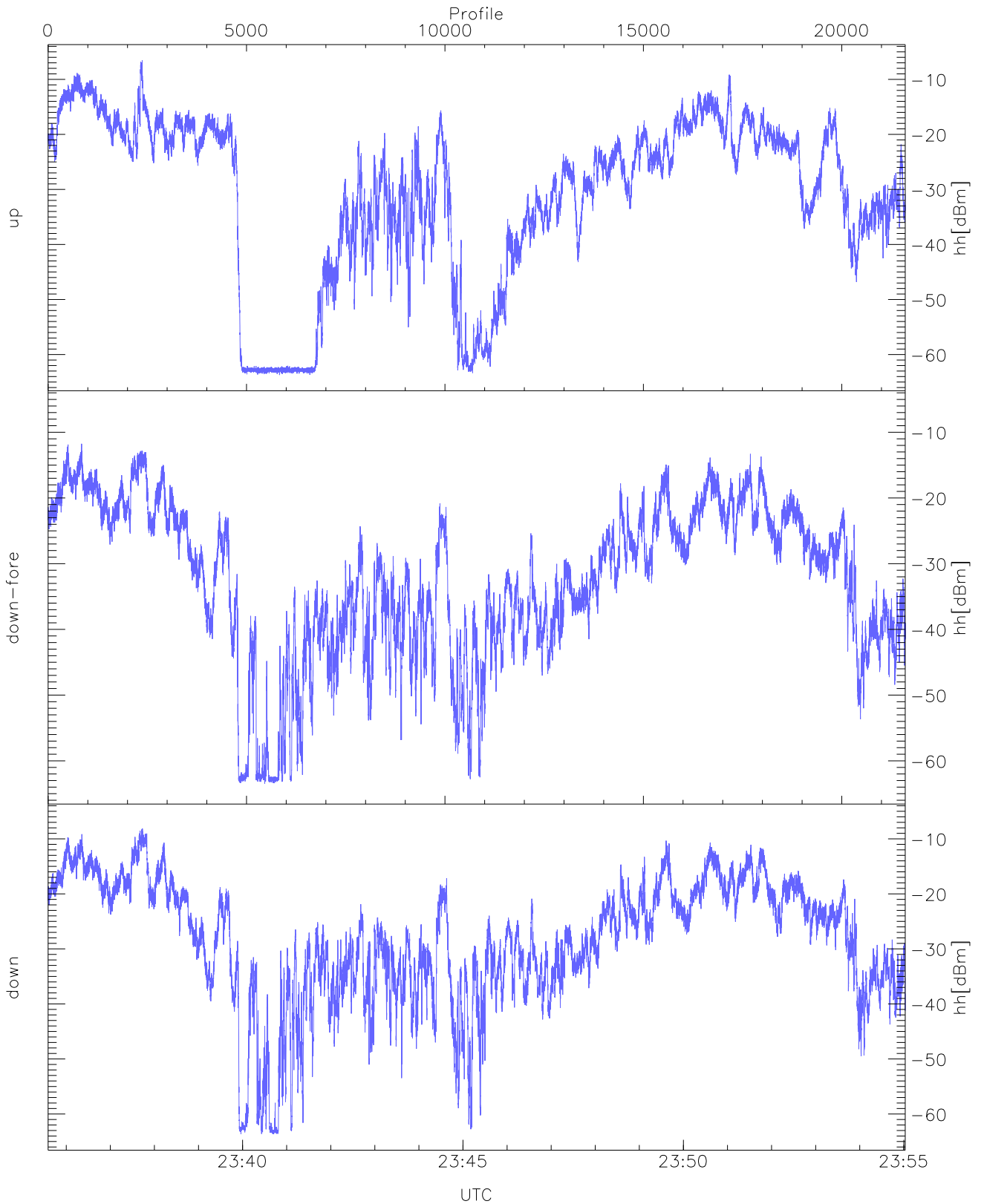
WCR2 CPP Averaged Received power for all recorded gates
blue: 233535-234519, 10801 profiles averaged
red: 234519-235502, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 233535-234519, 10801 profiles averaged
red: 234519-235502, 10800 profiles averaged

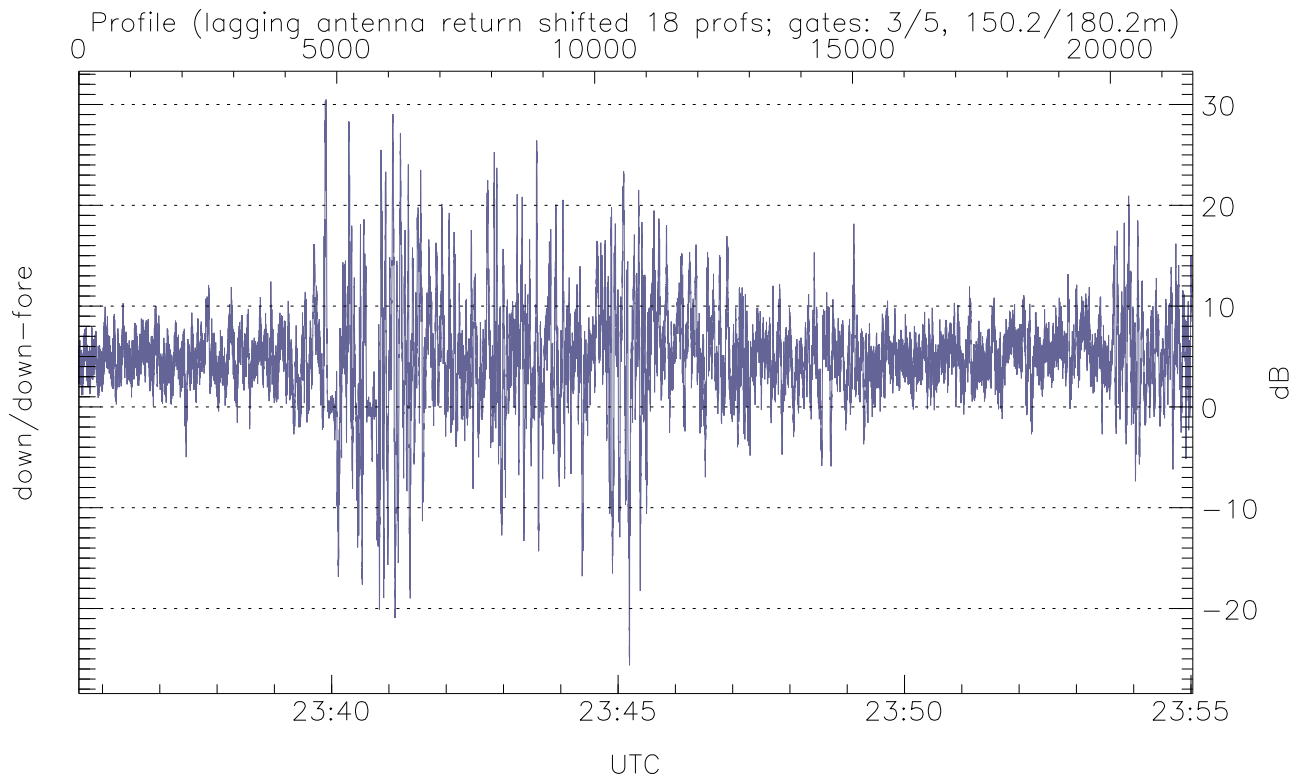
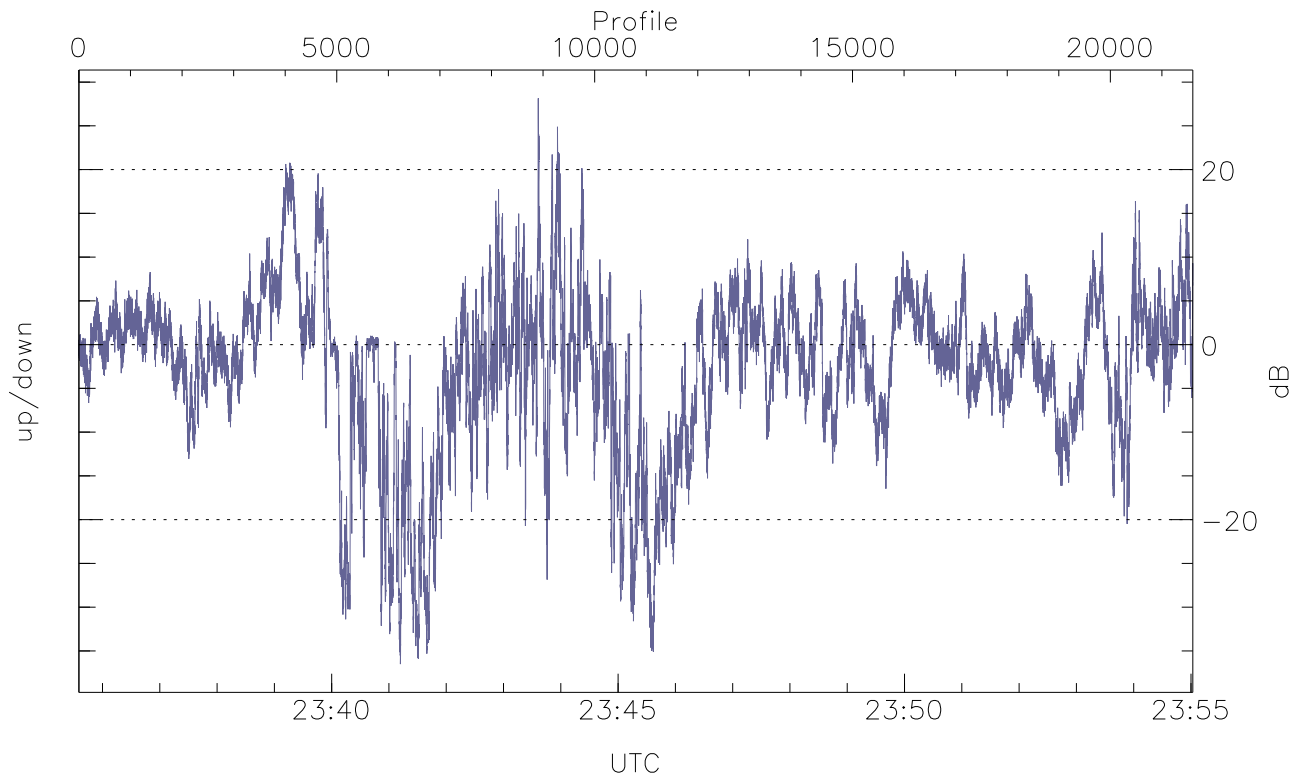


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



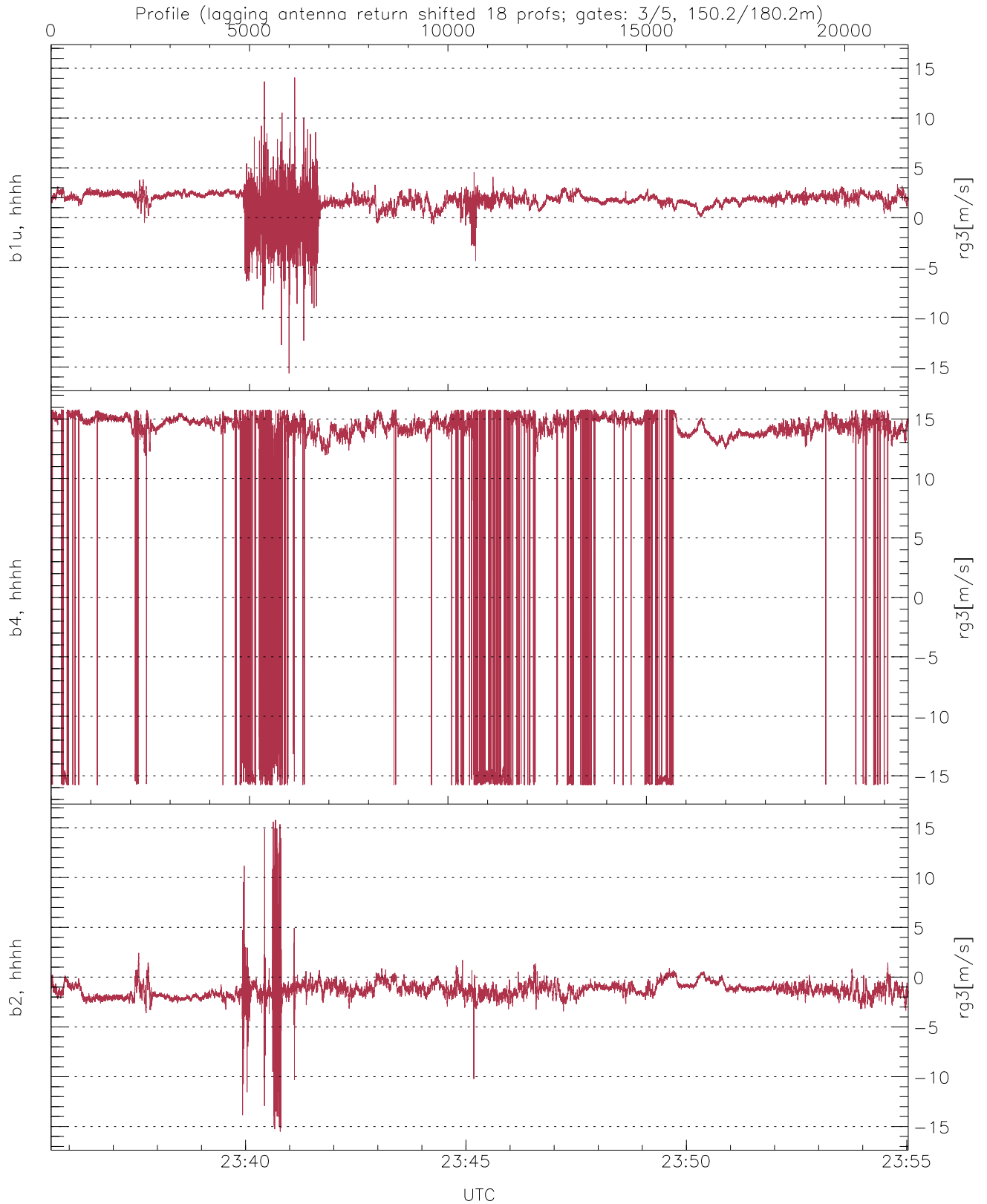
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.72	-6.54	-20.43
down-fore(hh[dBm])	-63.46	-11.75	-23.76
down(hh[dBm])	-63.63	-8.14	-20.34



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-36.50	28.15	-2.70
down/down-fore (dB)	-25.63	30.50	4.92



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.64	14.07	1.68	1.08
b4, hhhh(rg3[m/s])	-15.80	15.80	11.43	8.95
b2, hhhh(rg3[m/s])	-15.51	15.79	-1.28	1.08