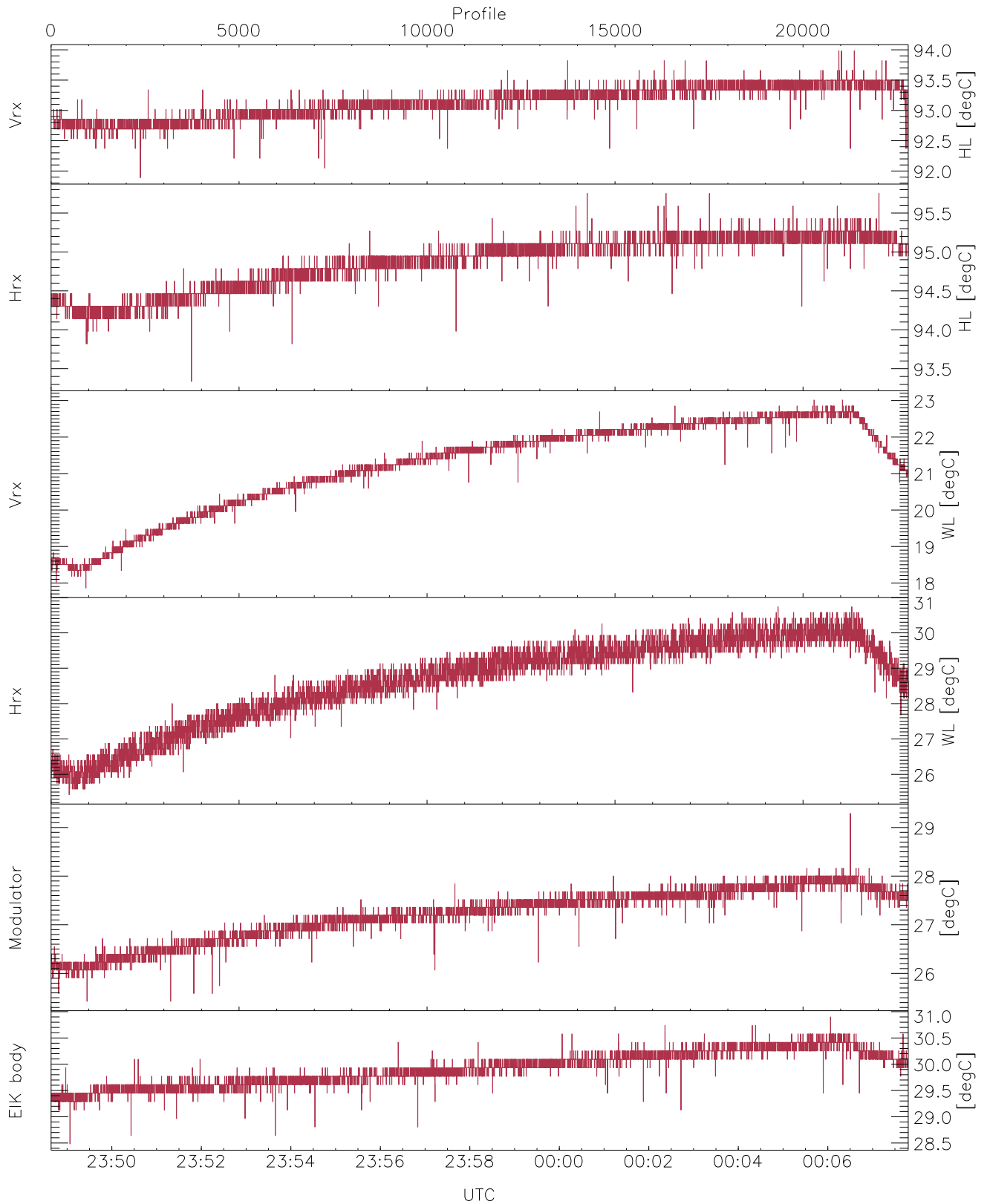


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

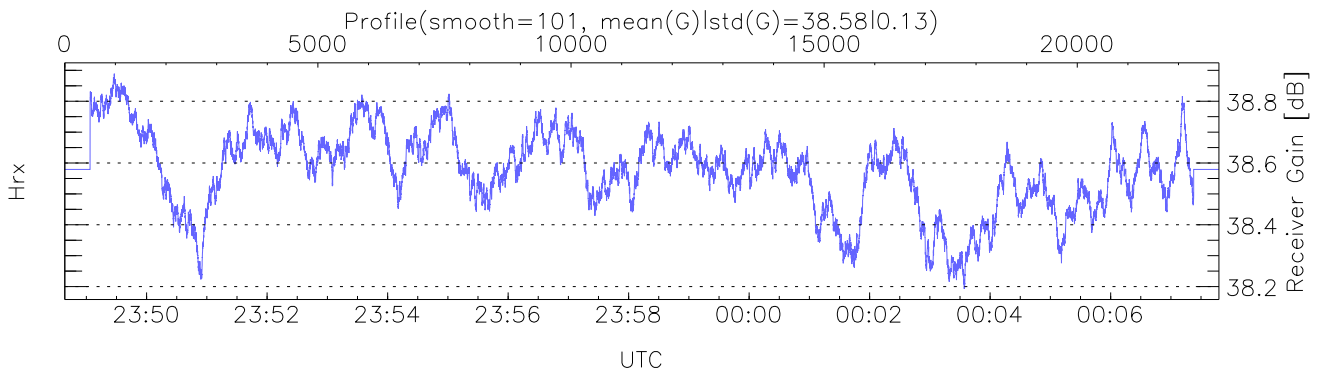
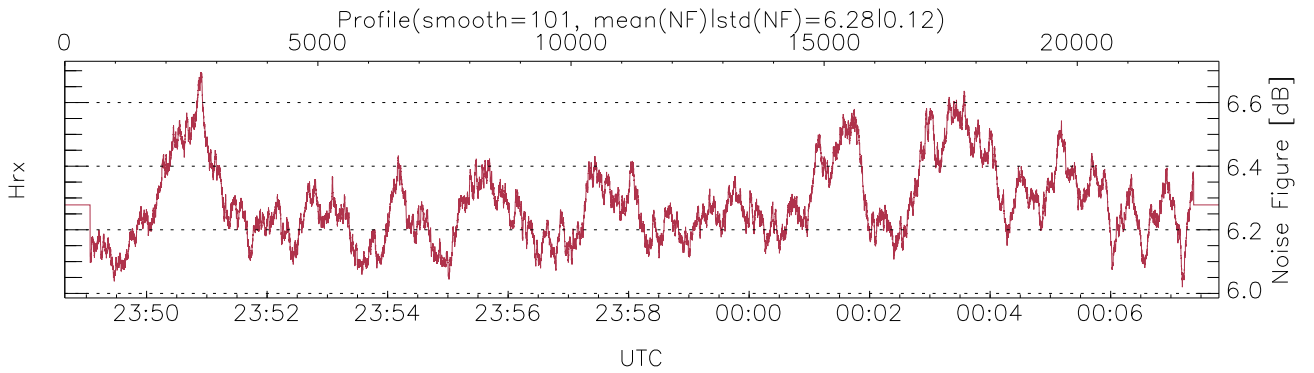
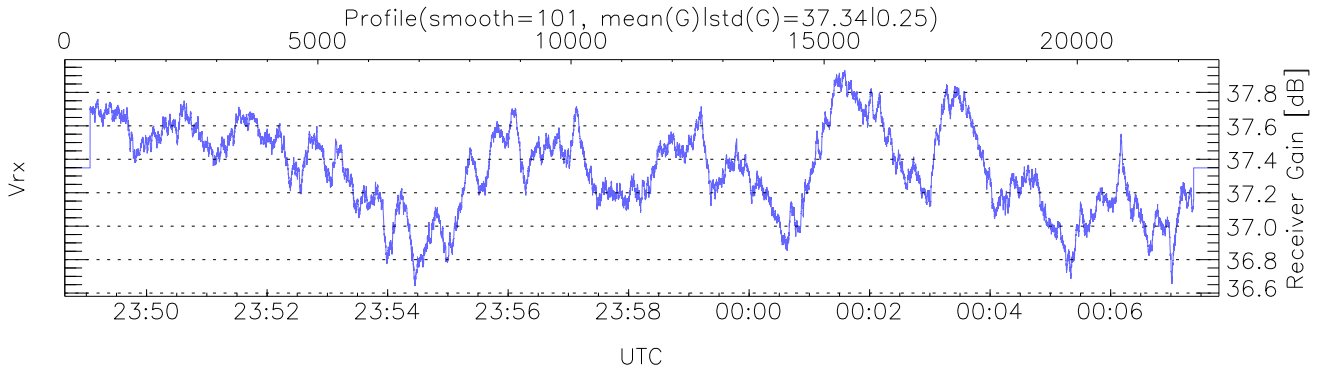
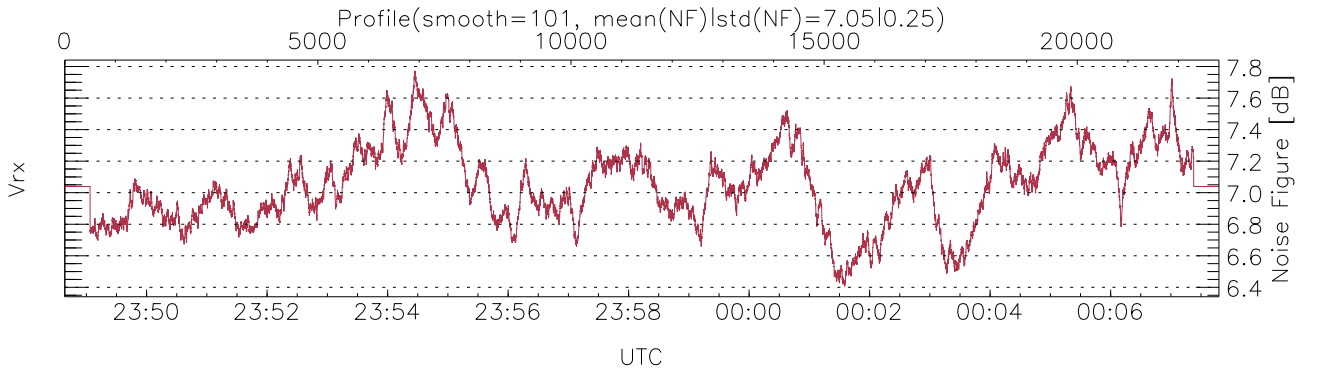
UTC: 23:48:39-00:16:02, Dur: 1643.25s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/32597, 0-22799/23:48:39-00:07:48
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

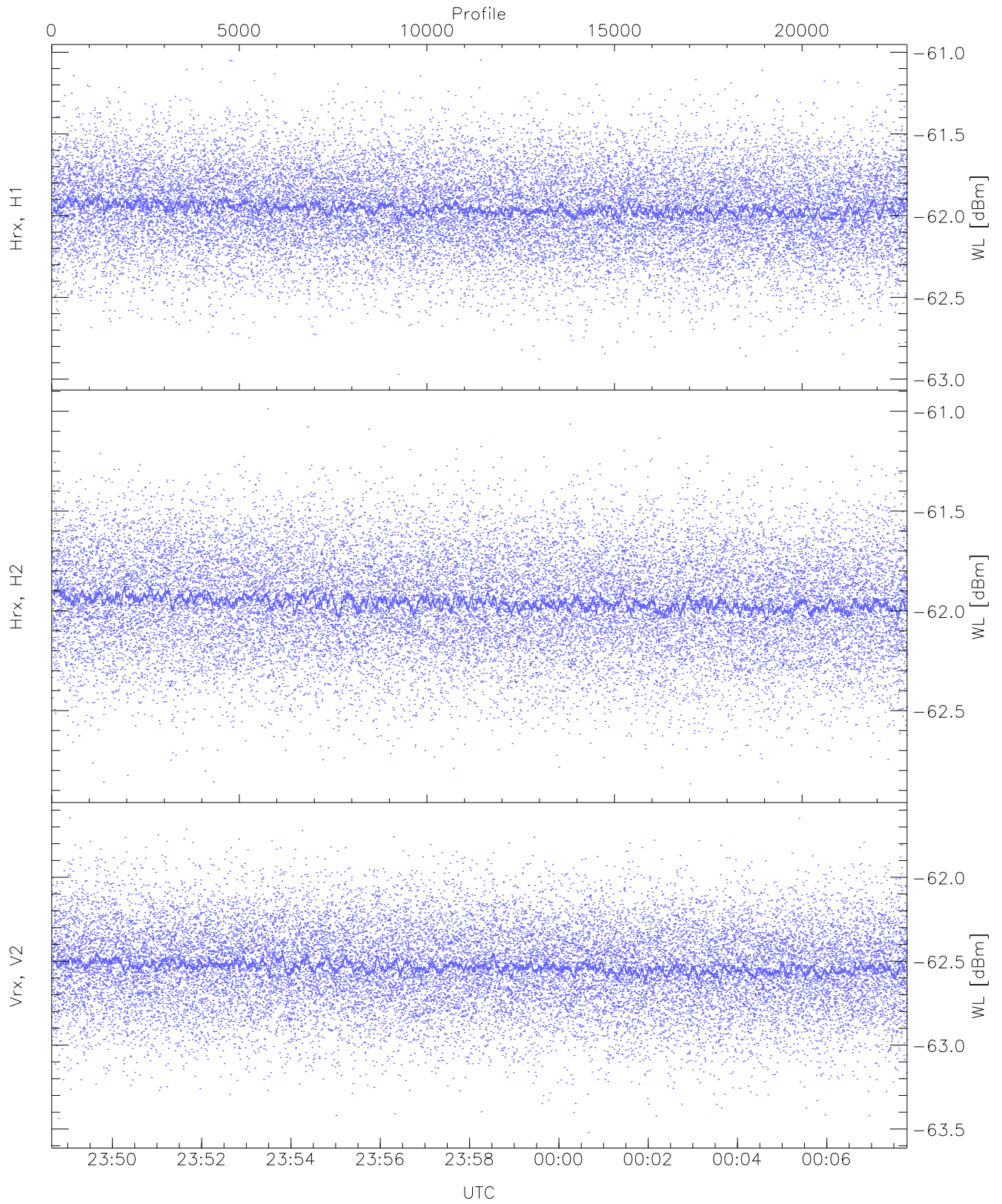
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,25,25,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,30,29,30
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (16,16,16,16,16,5)



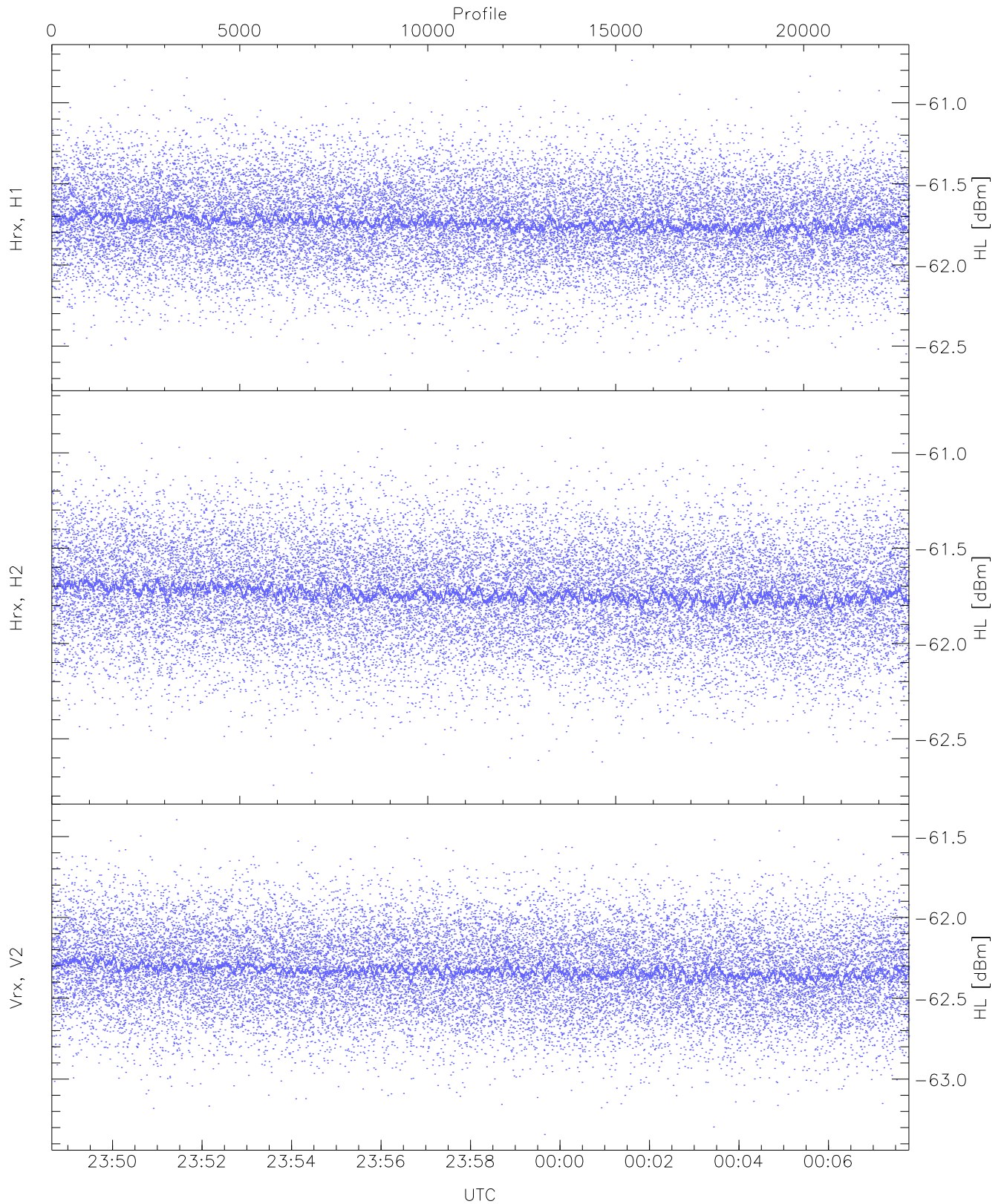
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 37 pixs, 7 gates, 37 profs, 1 prods



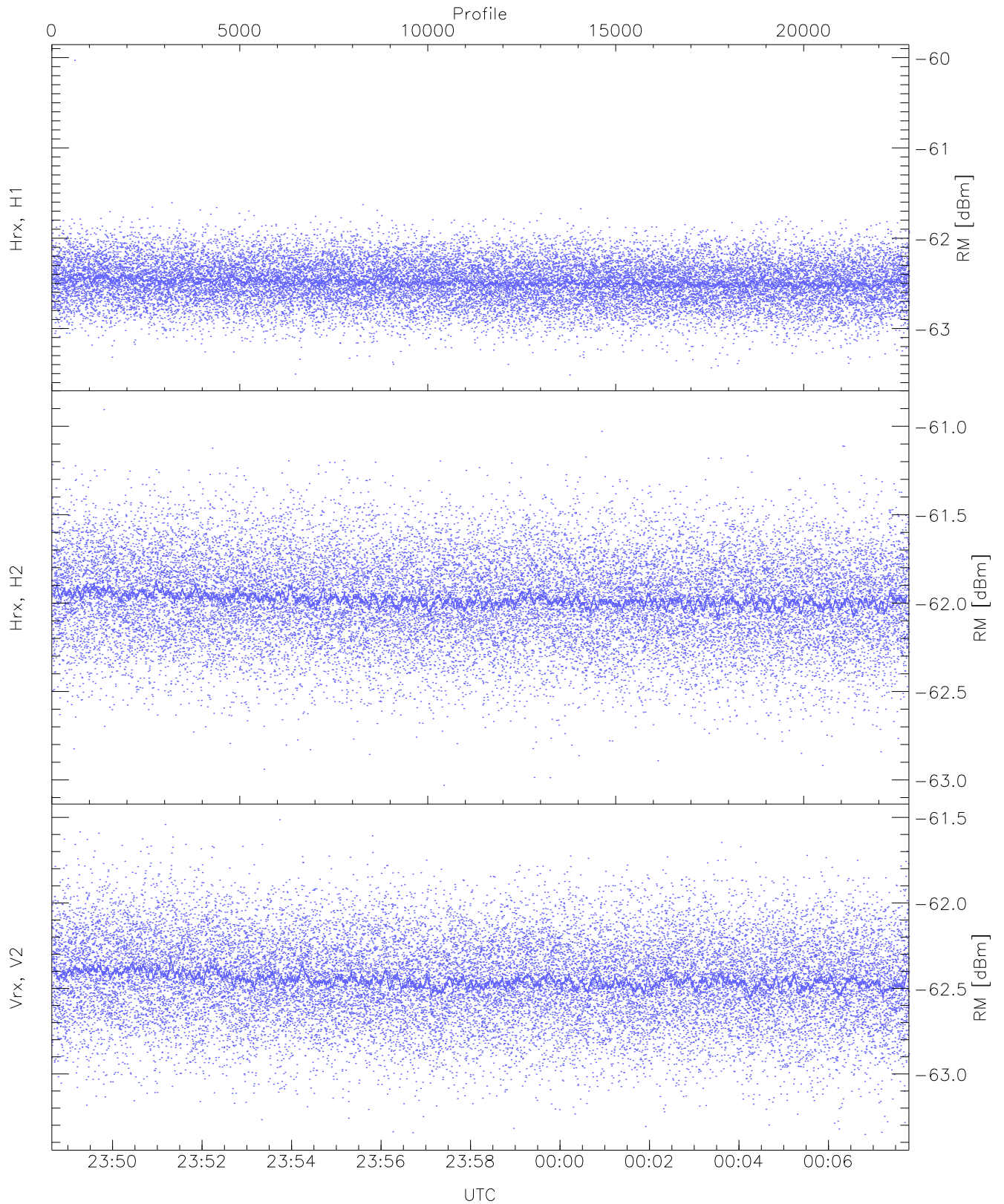
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.97	-61.05	-61.95	-61.96	-74.51
Hrx, H2(WL [dBm])	-62.87	-60.99	-61.95	-61.96	-74.52
Vrx, V2(WL [dBm])	-63.52	-61.65	-62.53	-62.54	-75.10



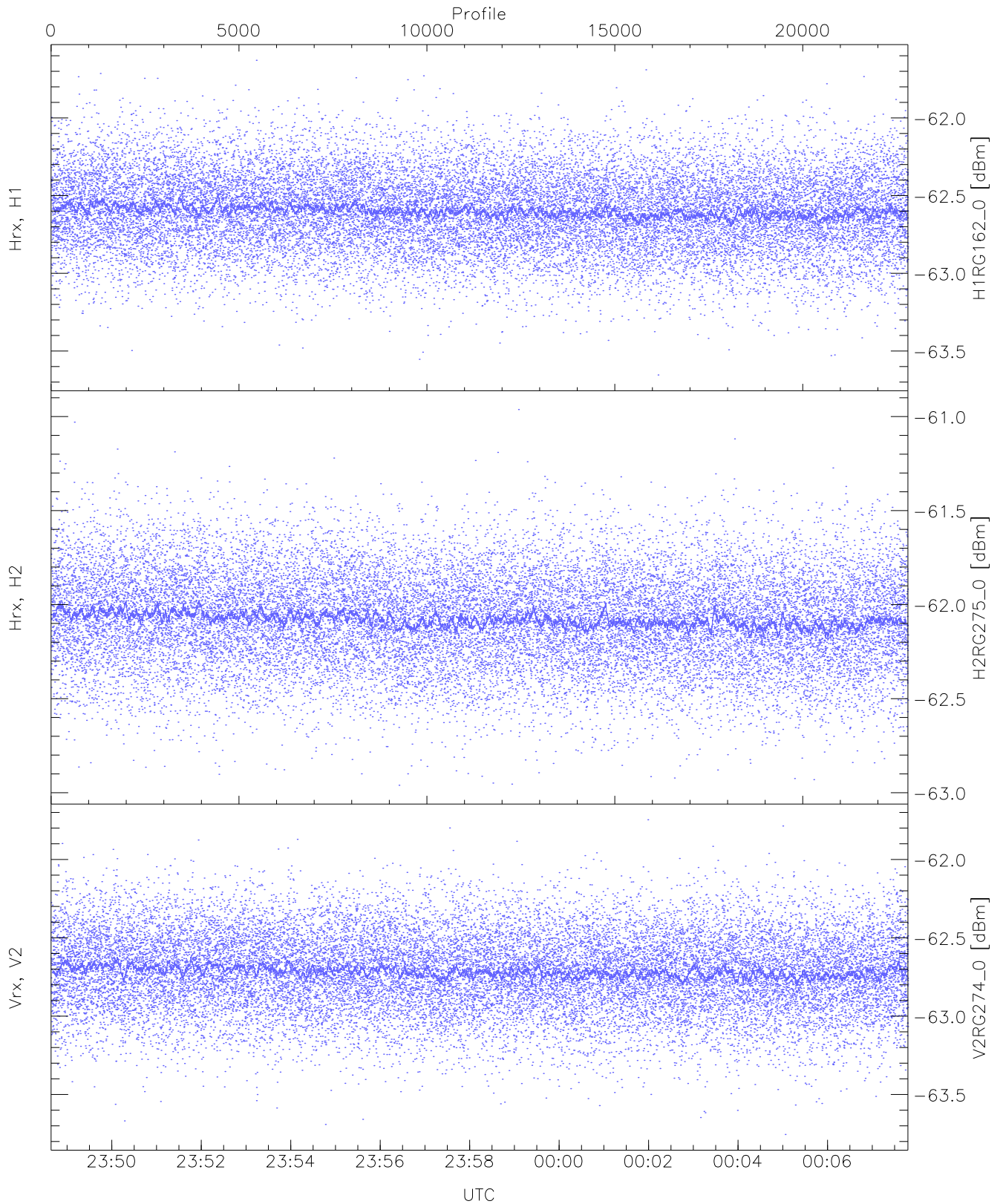
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.68	-60.74	-61.74	-61.74	-74.31
Hrx, H2 (HL [dBm])	-62.74	-60.77	-61.73	-61.74	-74.29
Vrx, V2 (HL [dBm])	-63.34	-61.40	-62.33	-62.33	-74.89



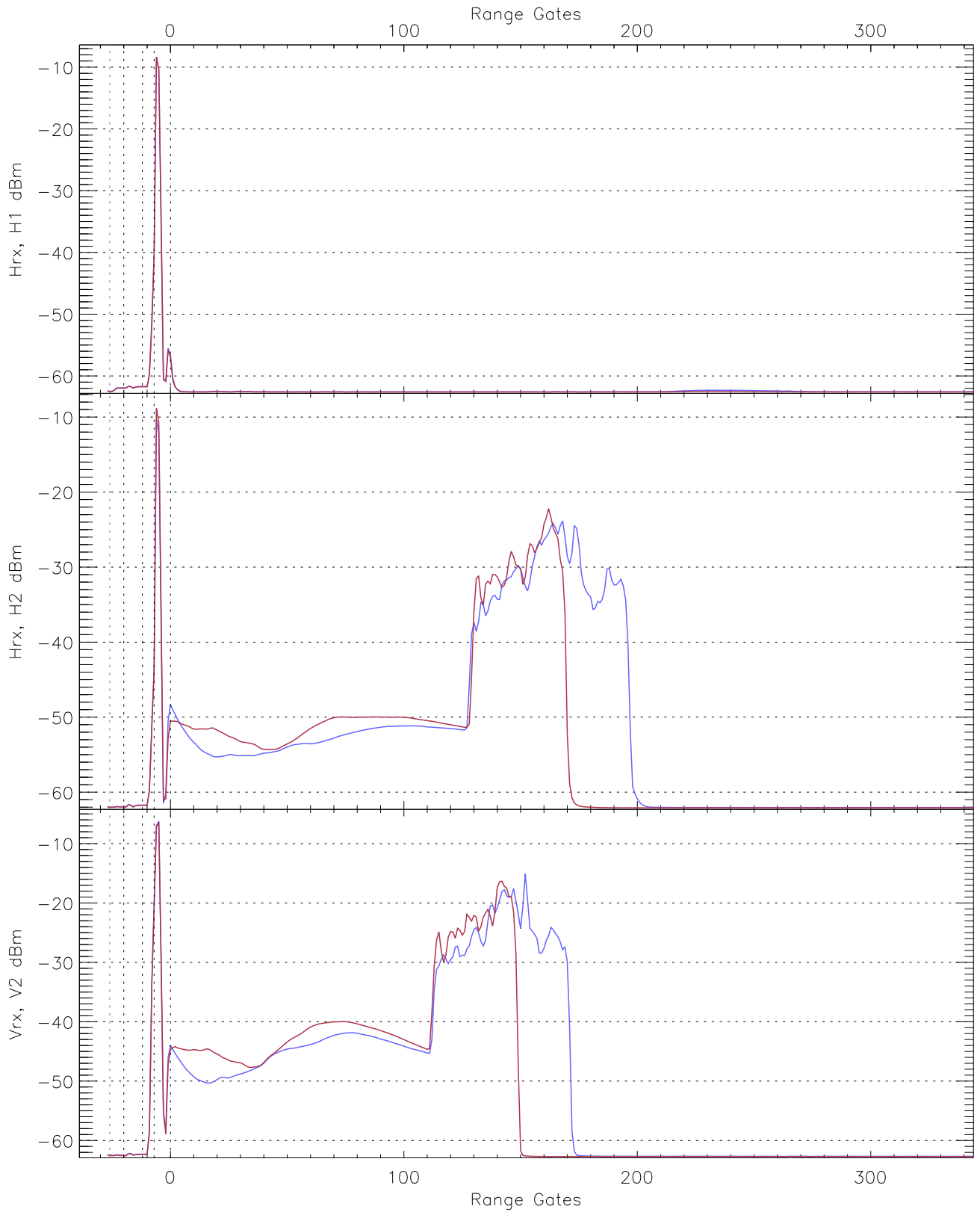
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.51	-60.03	-62.48	-62.49	-75.00
Hrx, H2 (RM [dBm])	-63.03	-60.91	-61.98	-61.98	-74.51
Vrx, V2 (RM [dBm])	-63.35	-61.51	-62.45	-62.45	-74.94

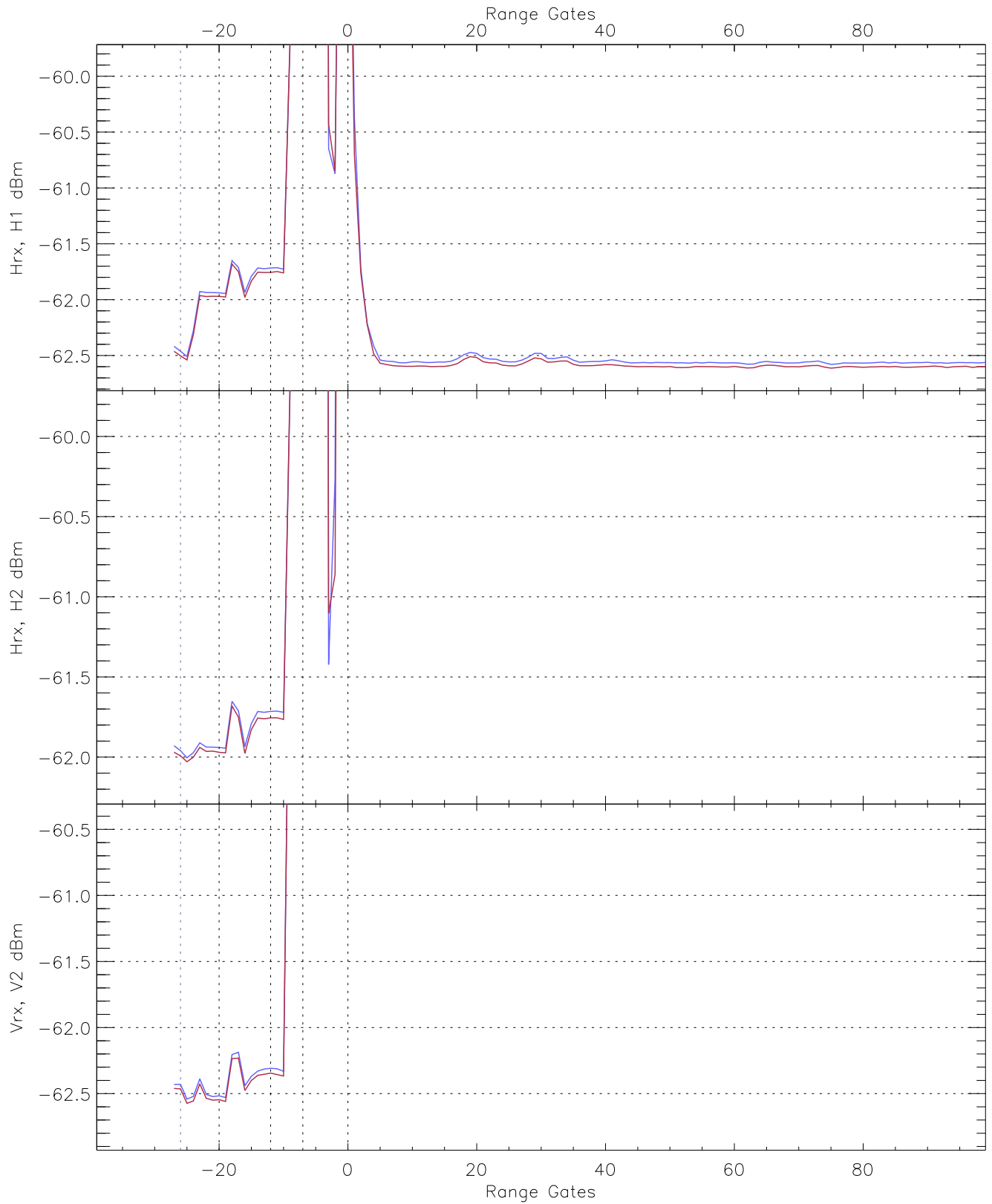


WCR2 CPP "Best" estimate Receivers Noise Power

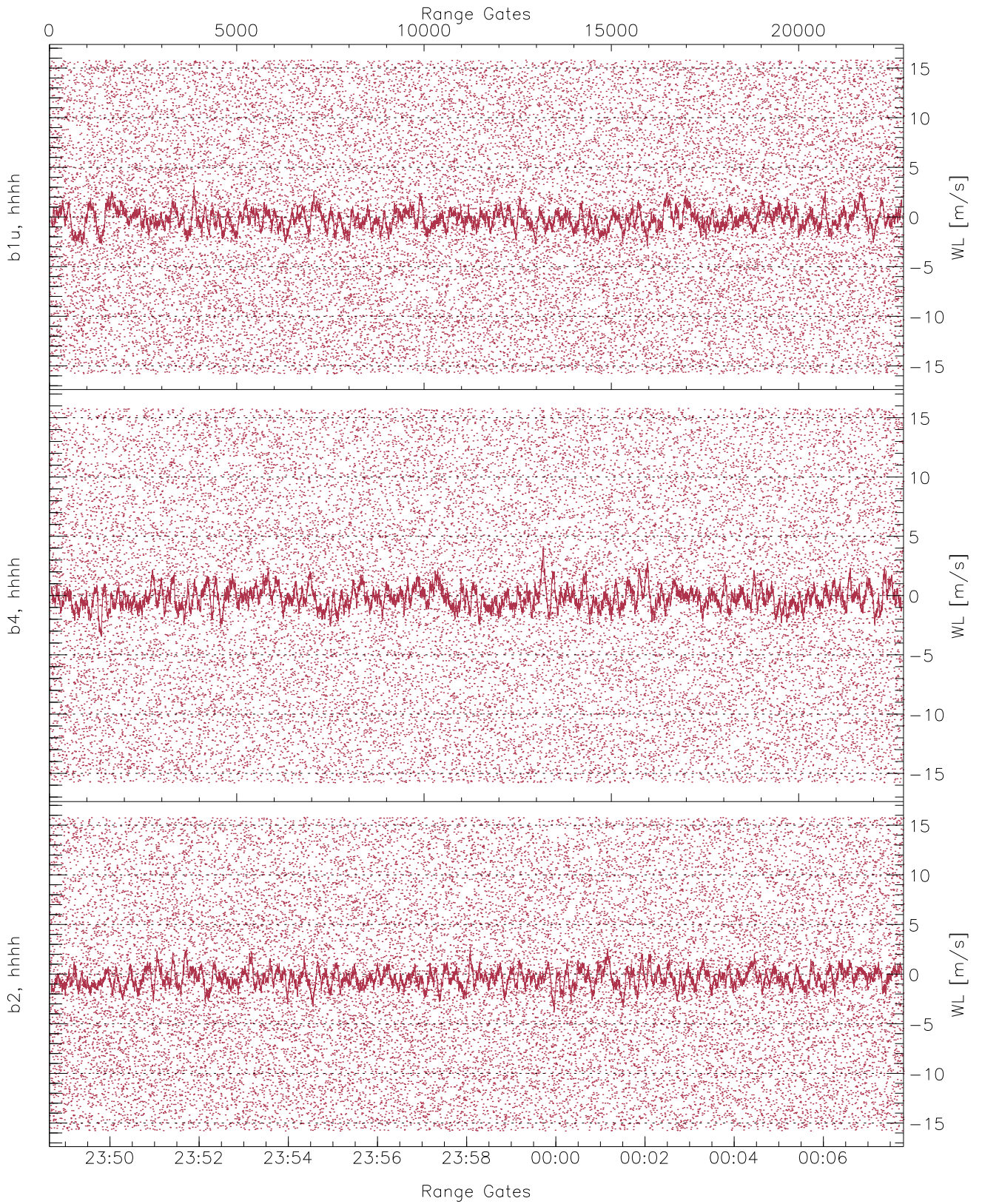
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.65	-61.63	-62.60	-62.60	-75.15
H2RG275_0 [dBm]	-62.96	-60.96	-62.08	-62.08	-74.63
V2RG274_0 [dBm]	-63.76	-61.75	-62.71	-62.72	-75.25



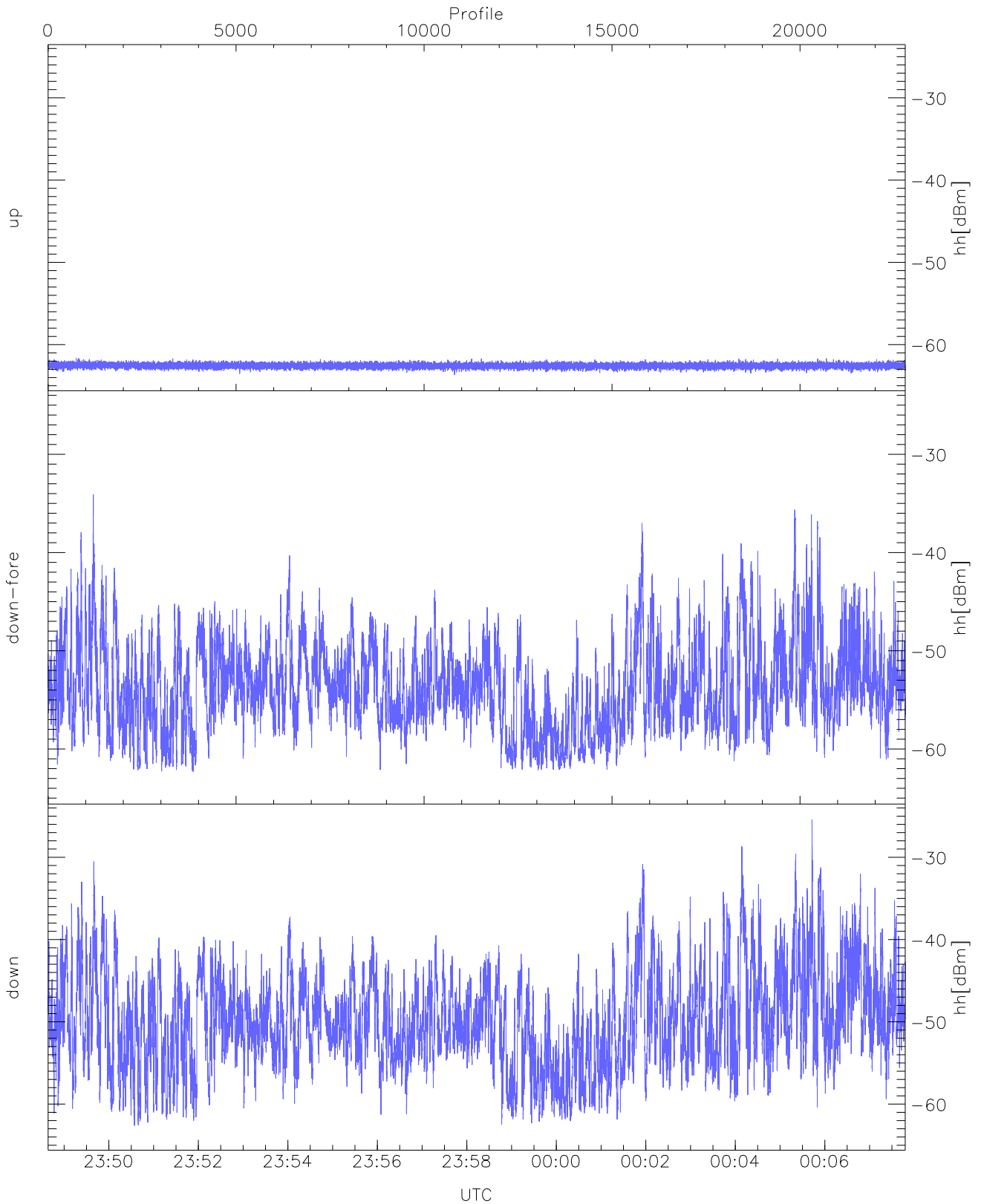
WCR2 CPP Averaged Received power for all recorded gates
blue: 234839-235813, 11401 profiles averaged
red: 235813-000748, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 234839-235813, 11401 profiles averaged
red: 235813-000748, 11400 profiles averaged

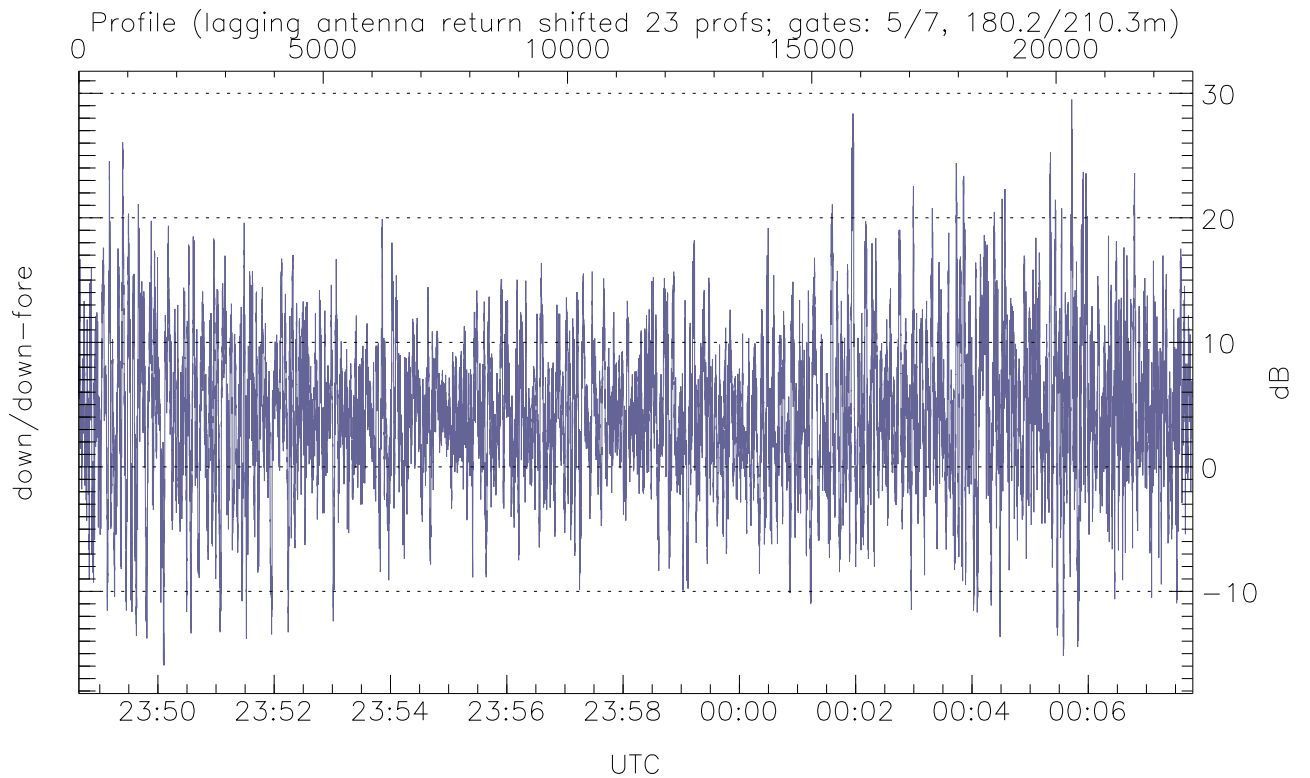
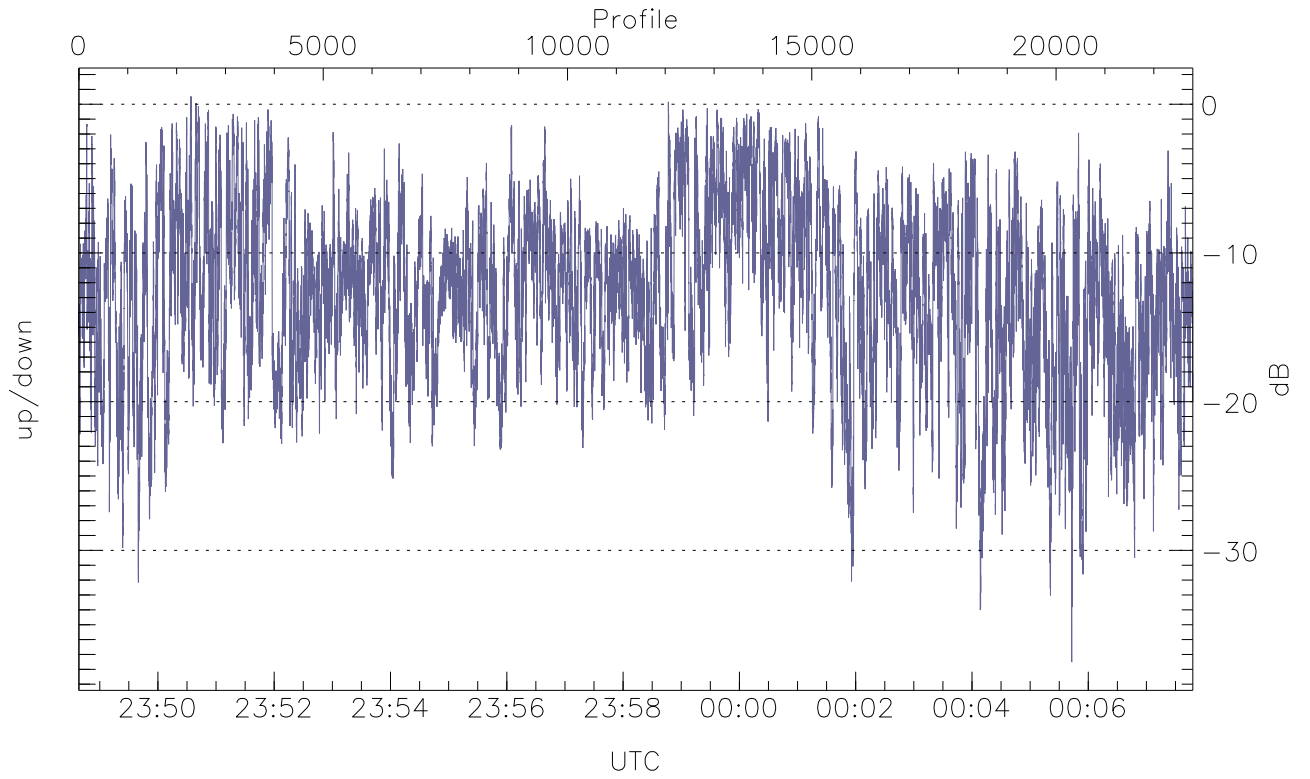


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



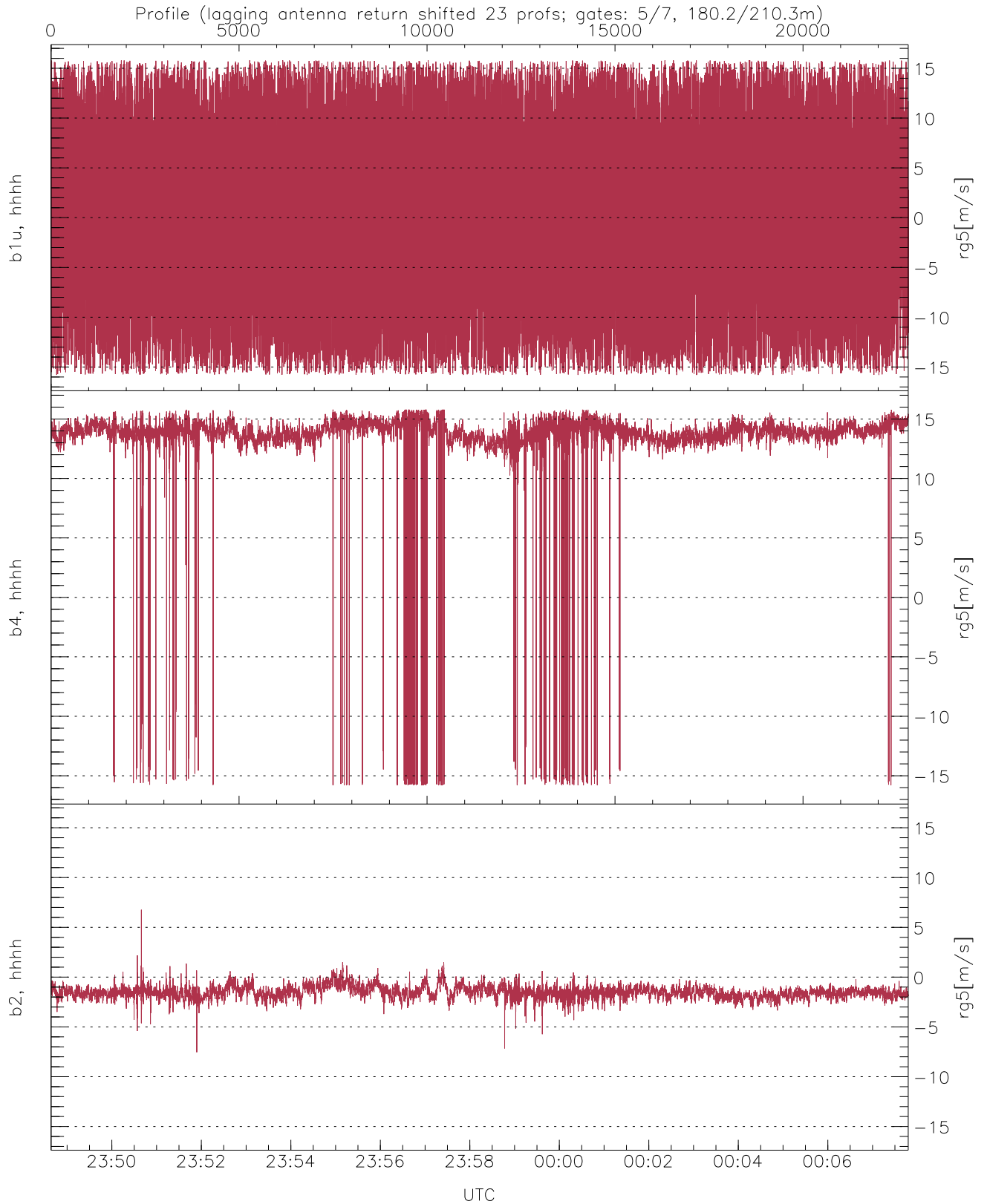
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.69	-61.64	-62.55
down-fore(hh[dBm])	-62.32	-34.10	-51.13
down(hh[dBm])	-62.63	-25.44	-45.68



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

	Min	Max	Mean
up/down (dB)	-37.51	0.53	-12.69
down/down-fore (dB)	-15.93	29.50	4.41



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.17	8.95
b4, hhhh(rg5[m/s])	-15.80	15.80	13.45	3.74
b2, hhhh(rg5[m/s])	-7.55	6.76	-1.52	0.60