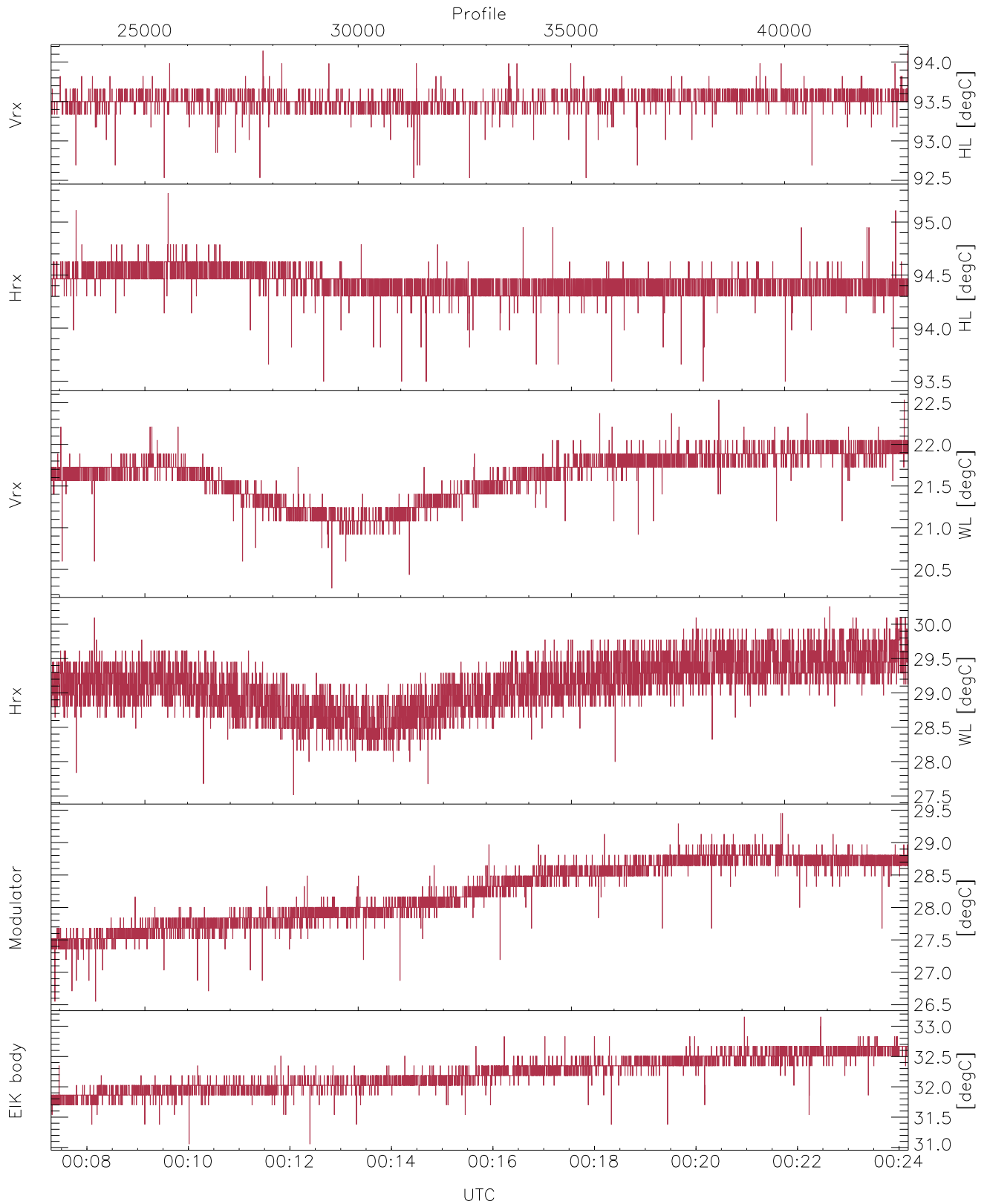


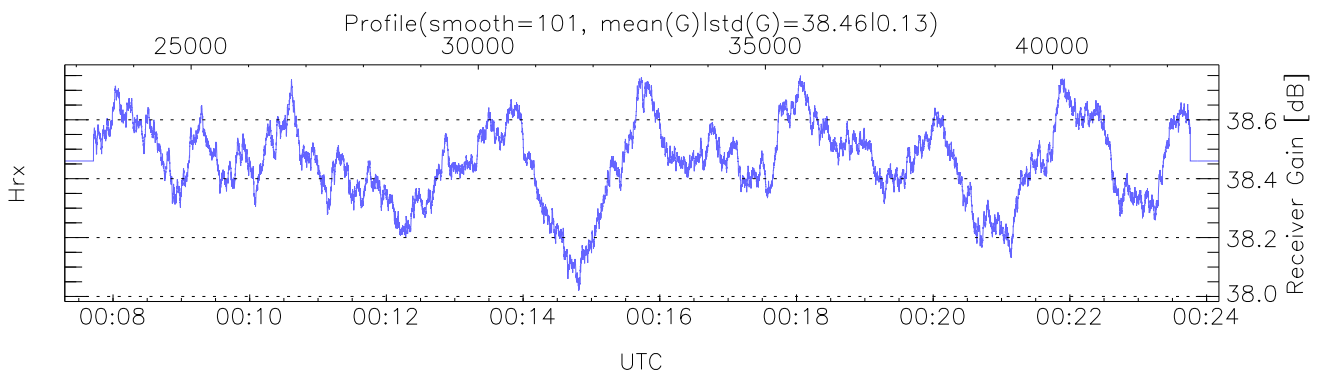
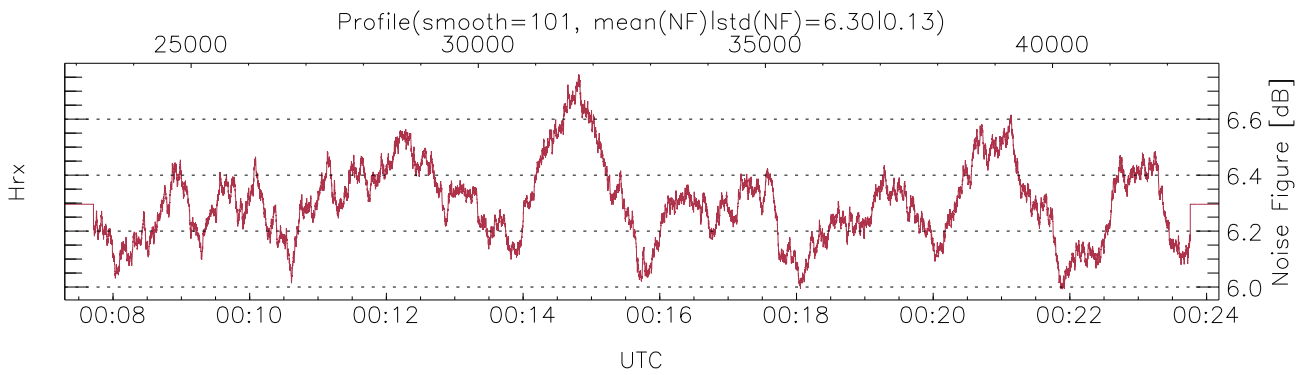
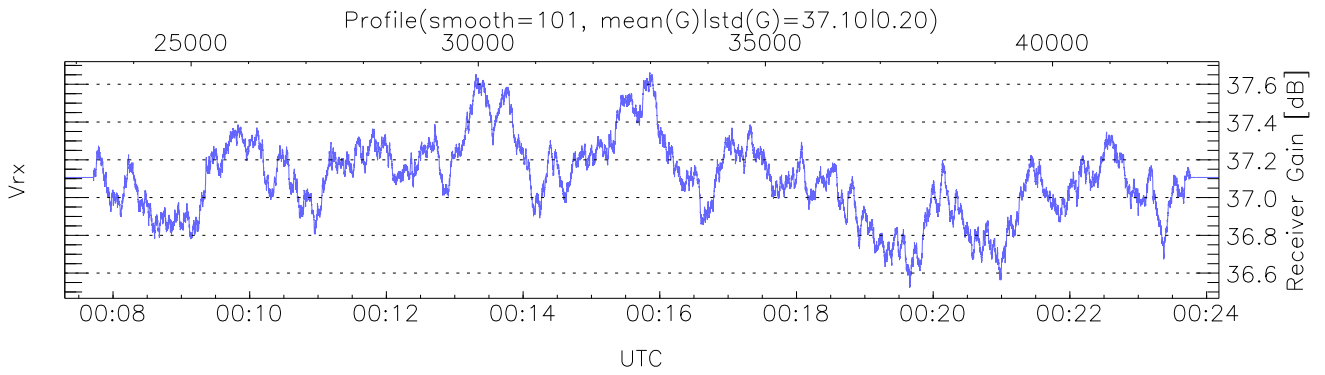
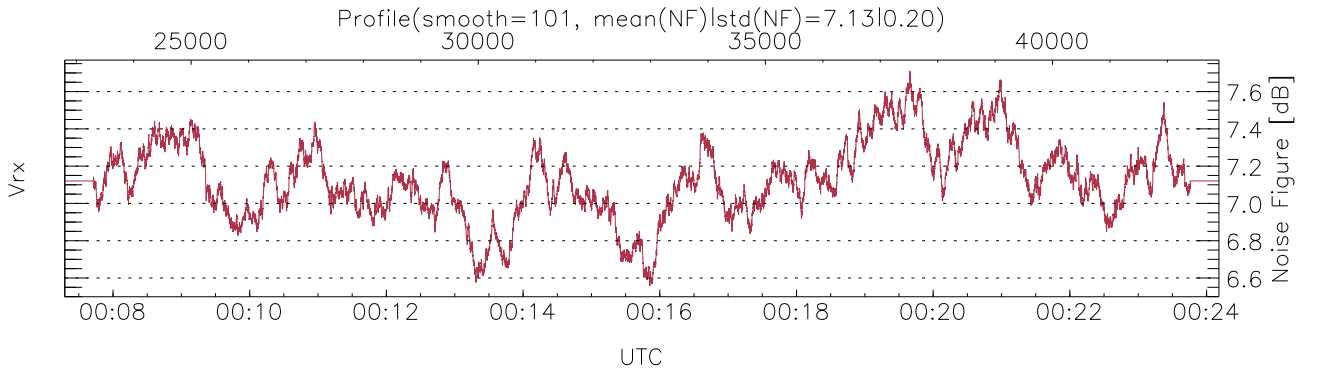
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:48:08-00:24:11, Dur: 2162.60s
 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): 20099/42899, 22800-42898/00:07:18-00:24:11
 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



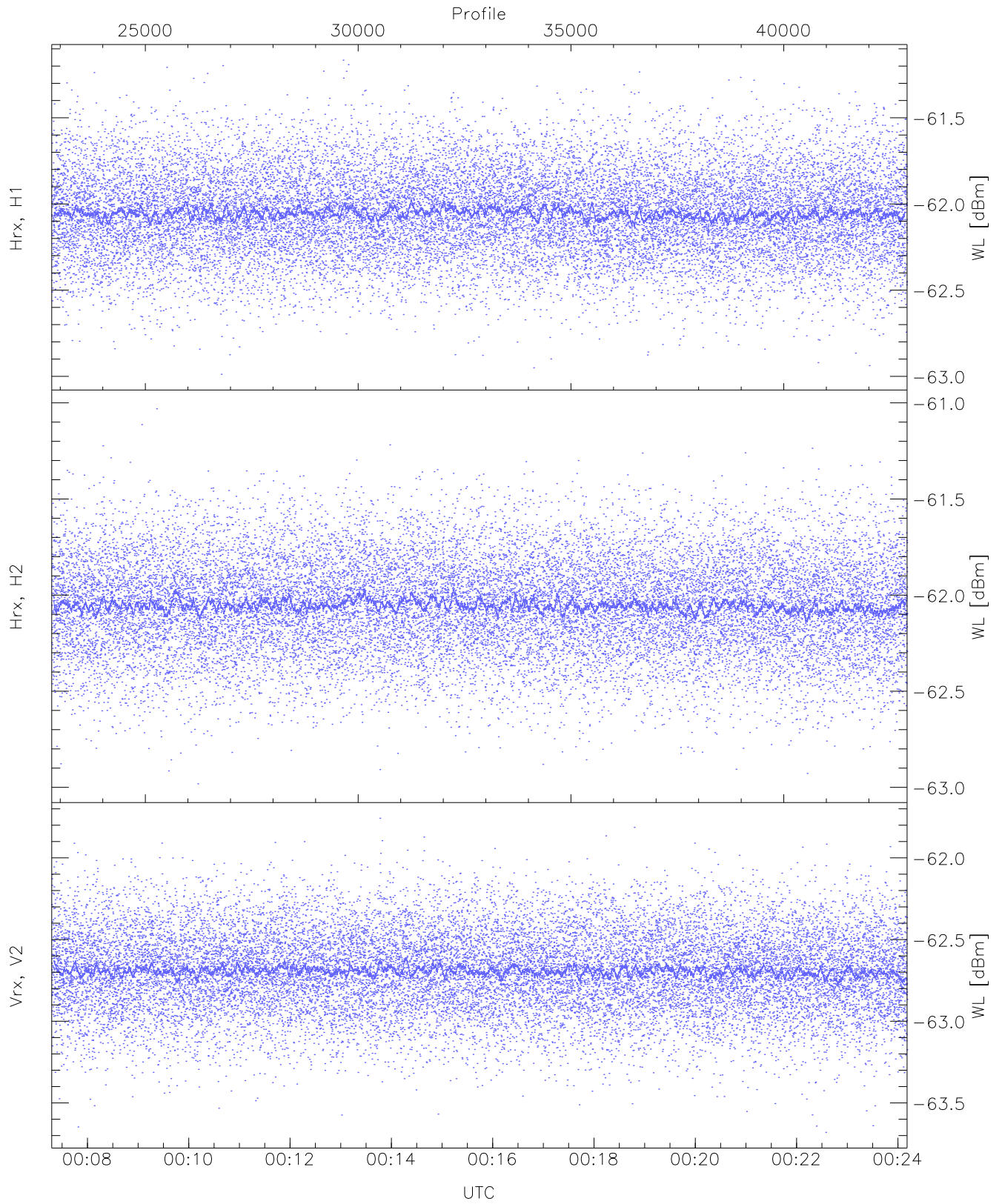
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,20,27,26,31`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,22,30,29,33`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,11,11,11,5,20)`



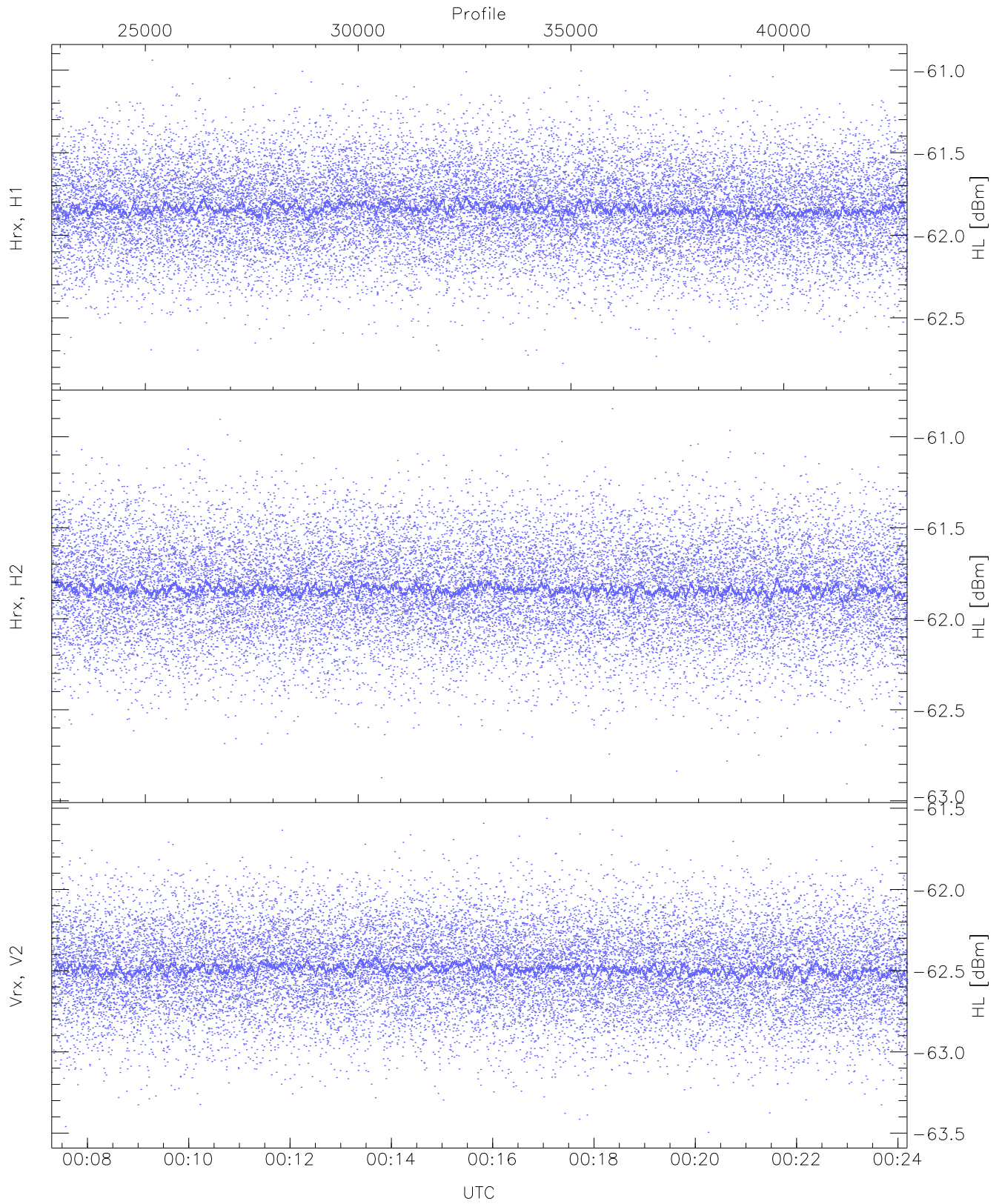
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 163 pixs, 13 gates, 163 profs, 1 prods



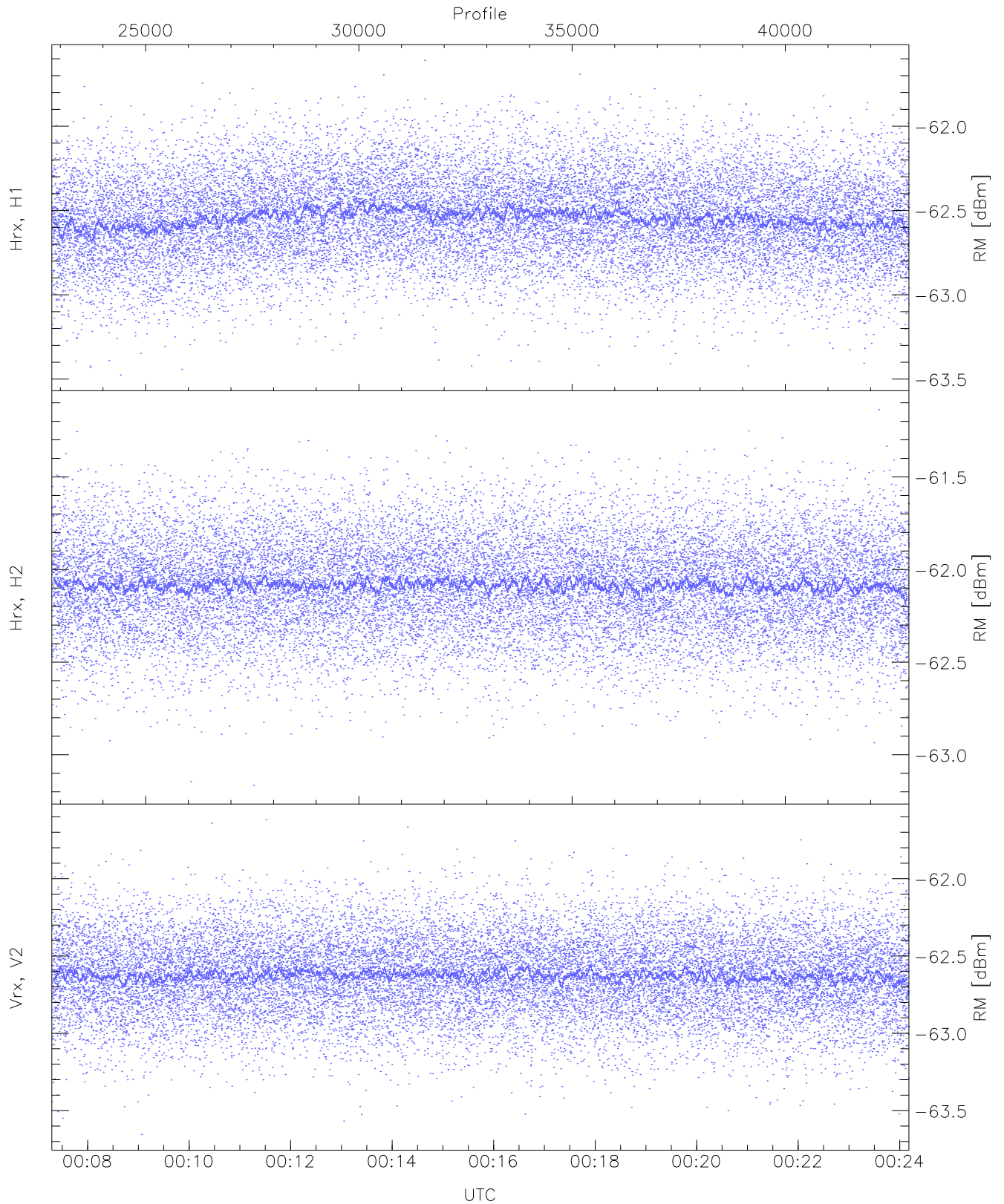
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.99	-61.17	-62.05	-62.06	-74.64
Hrx, H2 (WL [dBm])	-62.98	-61.03	-62.05	-62.05	-74.65
Vrx, V2 (WL [dBm])	-63.68	-61.76	-62.69	-62.69	-75.27



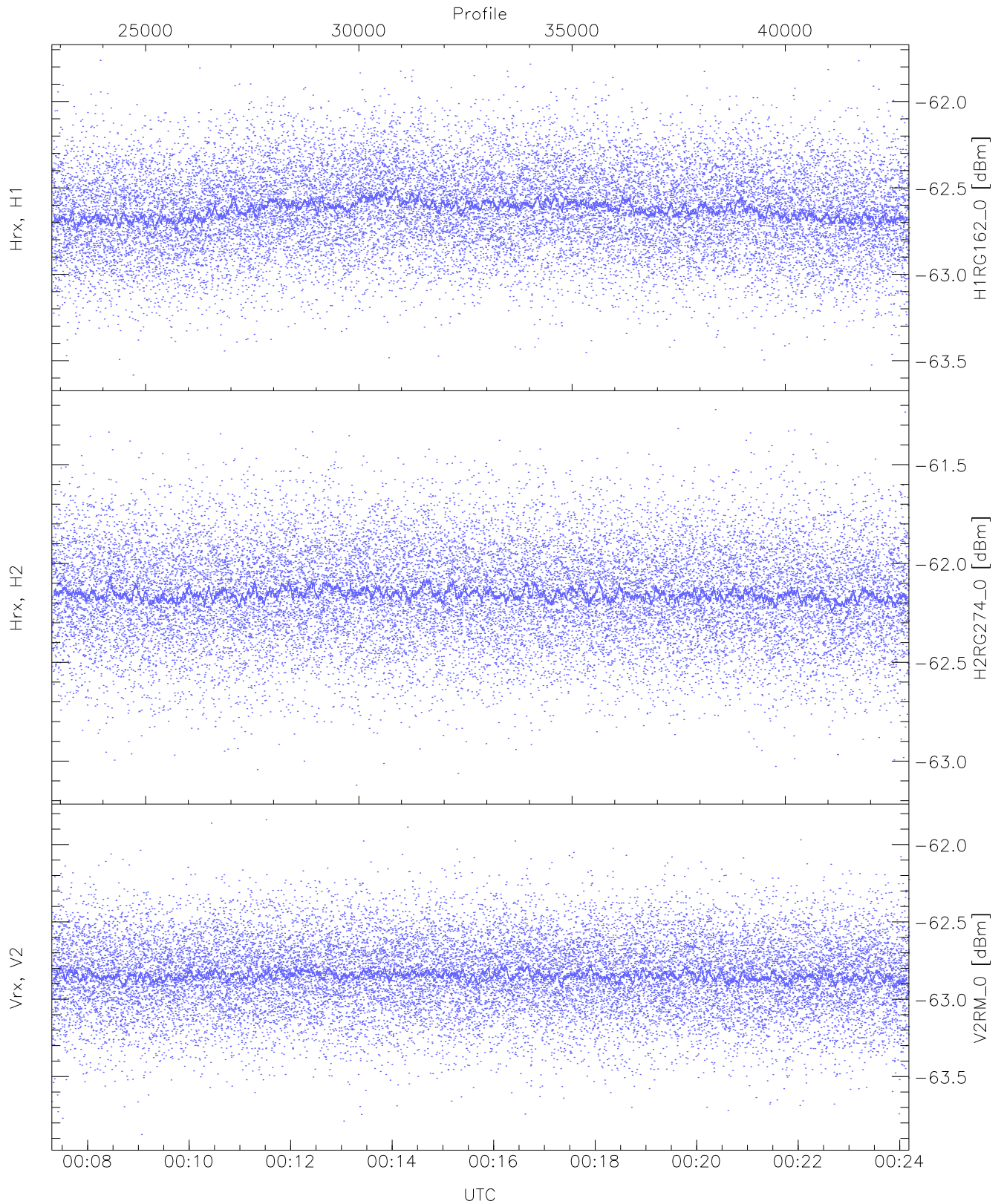
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.84	-60.94	-61.84	-61.84	-74.46
Hrx, H2 (HL [dBm])	-62.91	-60.85	-61.84	-61.84	-74.37
Vrx, V2 (HL [dBm])	-63.50	-61.56	-62.49	-62.49	-75.05



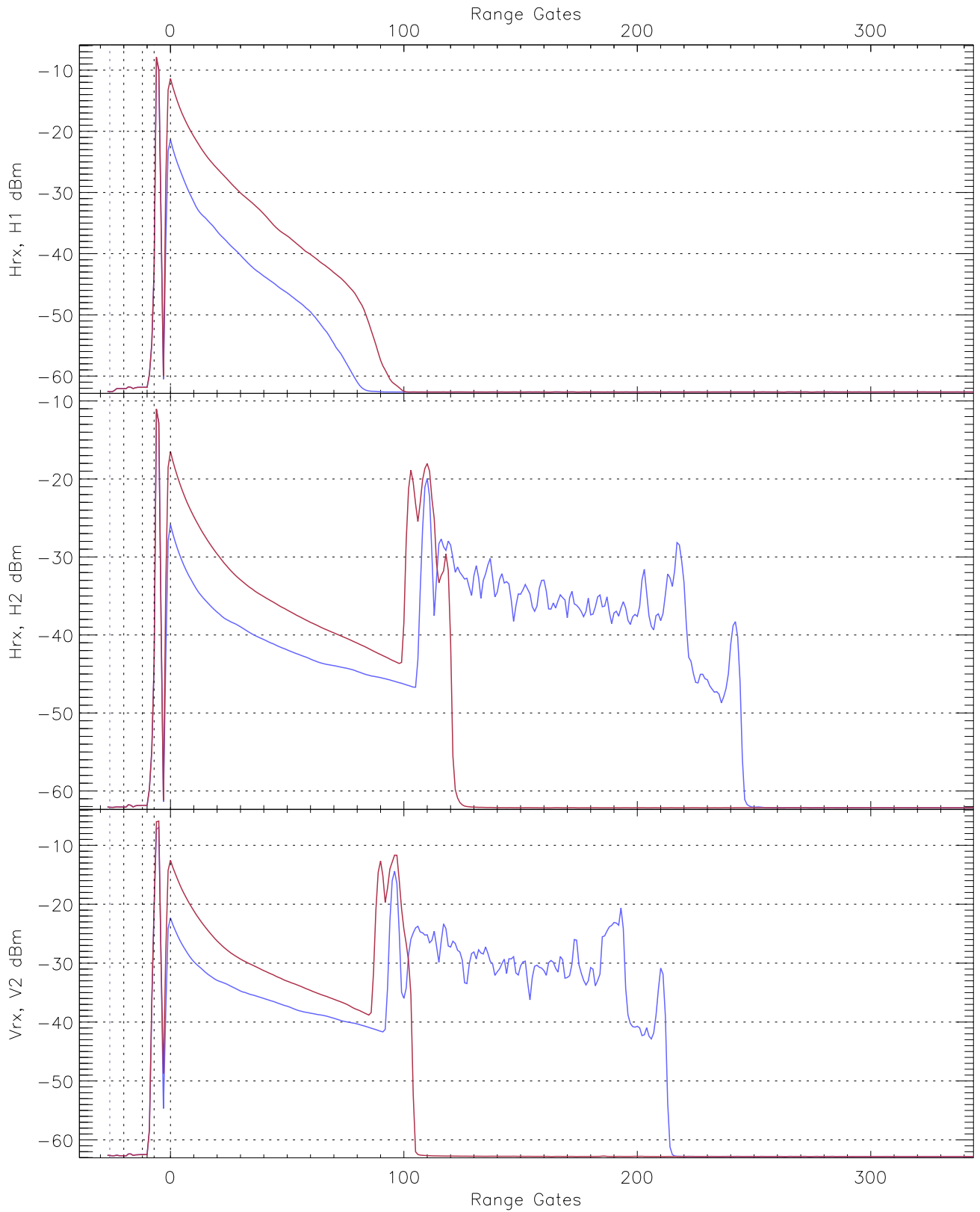
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.48	-61.61	-62.54	-62.55	-75.08
Hrx, H2 (RM [dBm])	-63.16	-61.14	-62.08	-62.08	-74.65
Vrx, V2 (RM [dBm])	-63.65	-61.62	-62.62	-62.63	-75.18

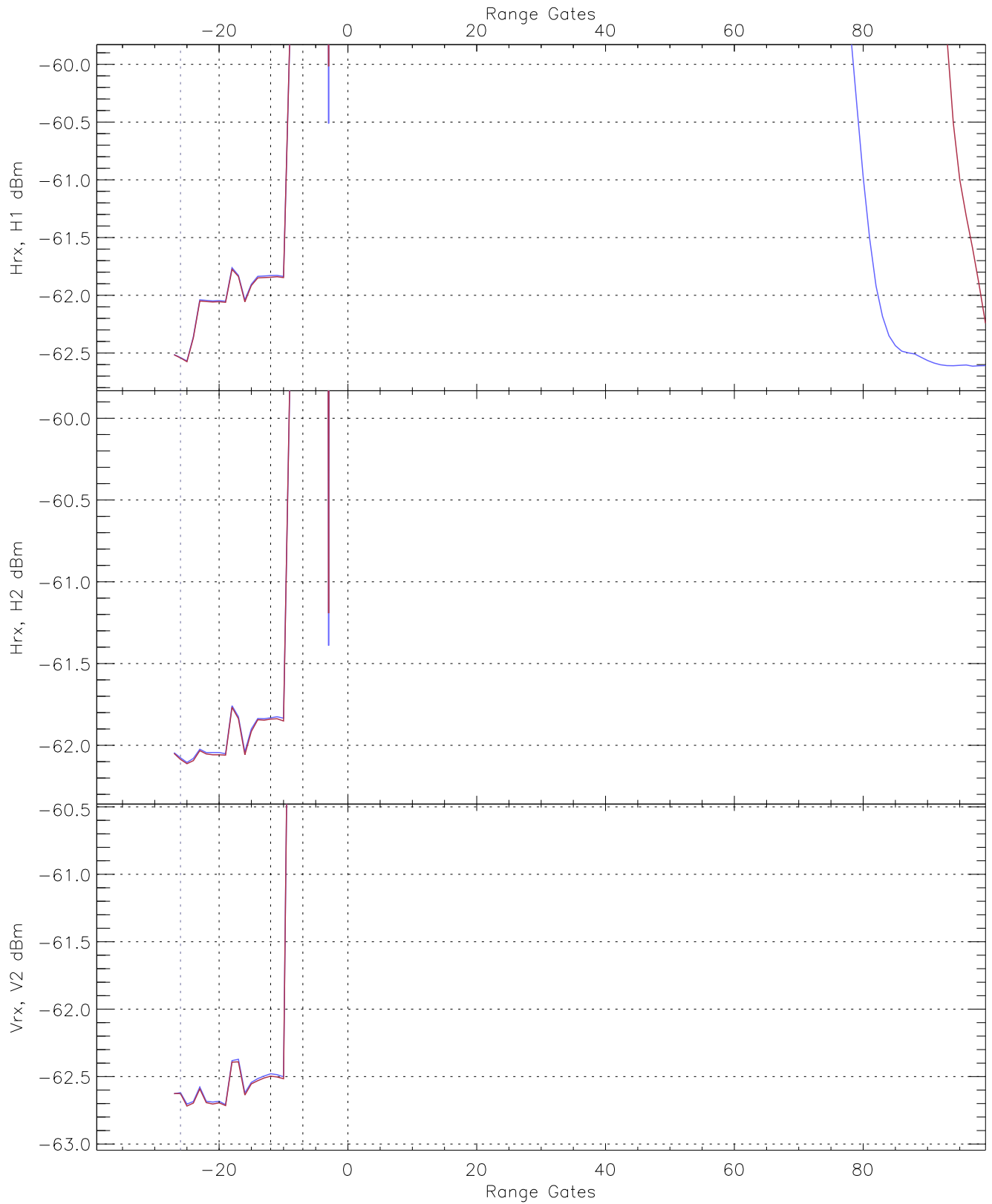


WCR2 CPP "Best" estimate Receivers Noise Power

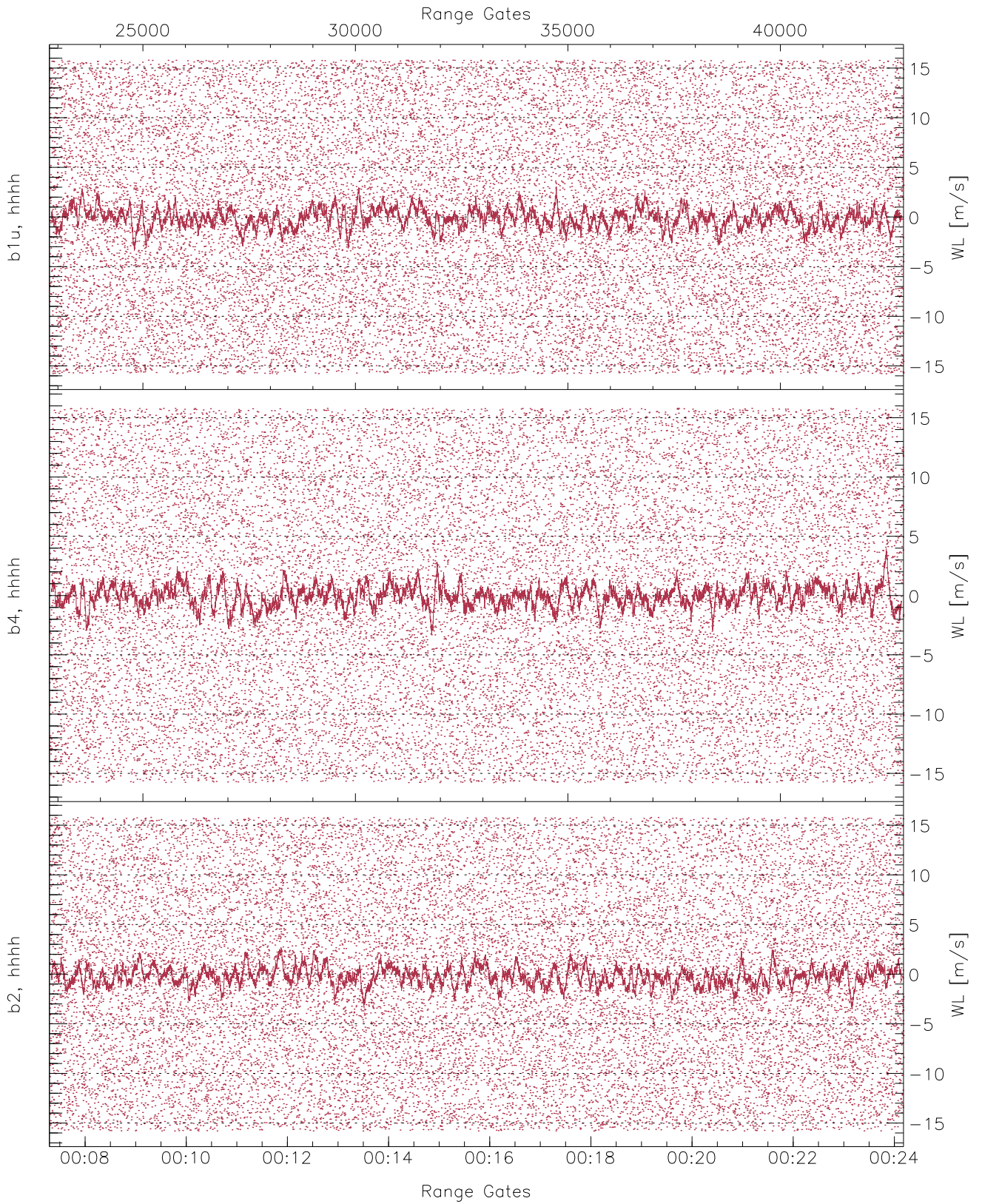
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.58	-61.76	-62.62	-62.63	-75.16
H2RG274_0 [dBm]	-63.12	-61.22	-62.15	-62.16	-74.68
V2RM_0 [dBm]	-63.87	-61.84	-62.84	-62.85	-75.40



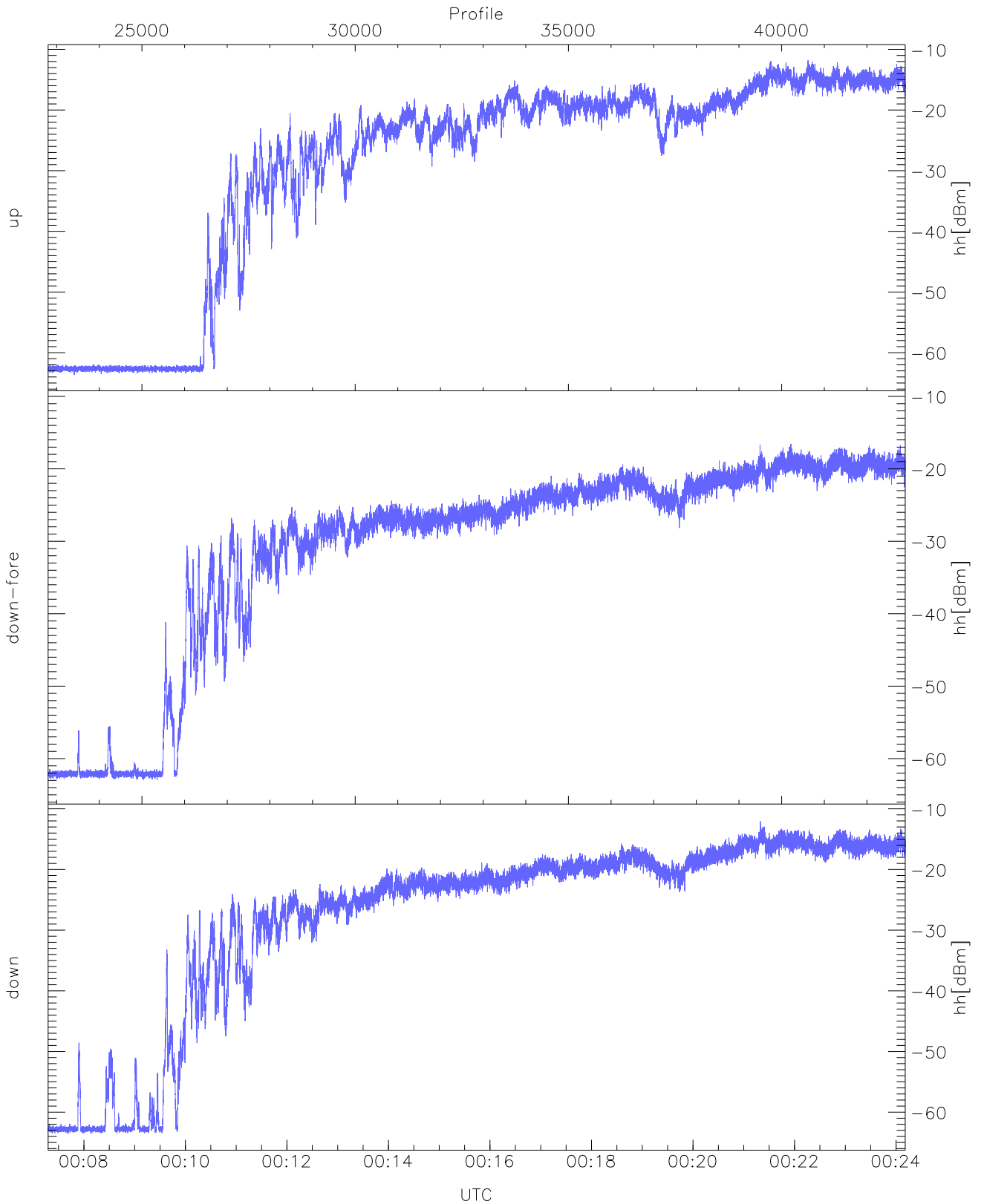
WCR2 CPP Averaged Received power for all recorded gates
blue: 000718-001544, 10050 profiles averaged
red: 001544-002411, 10050 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 000718-001544, 10050 profiles averaged
red: 001544-002411, 10050 profiles averaged

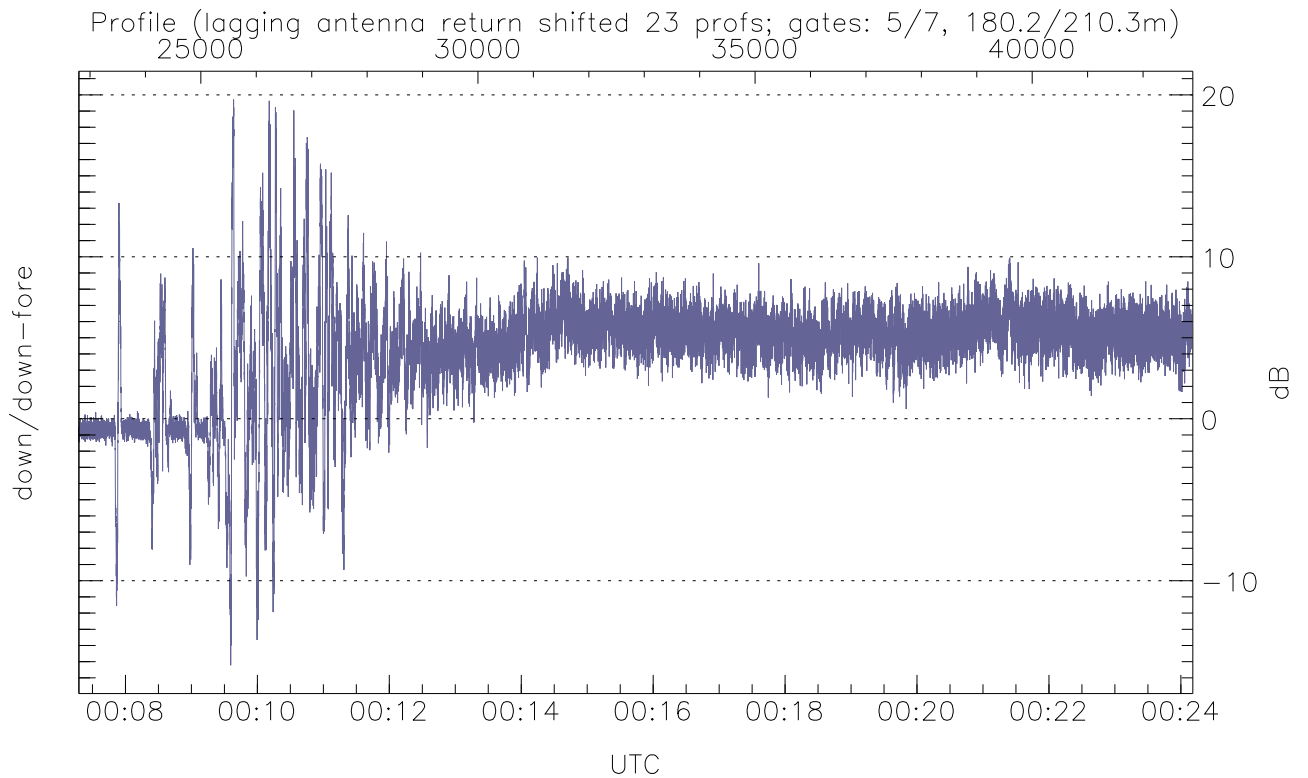
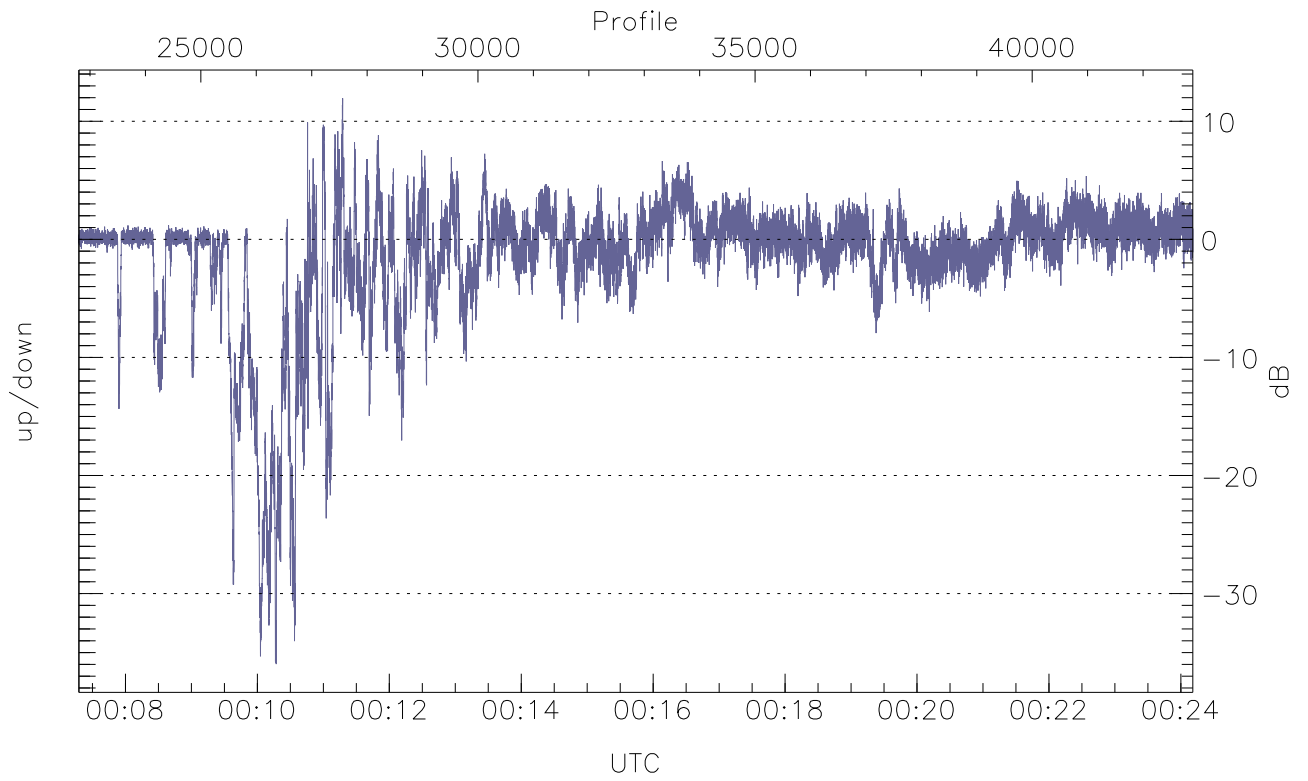


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



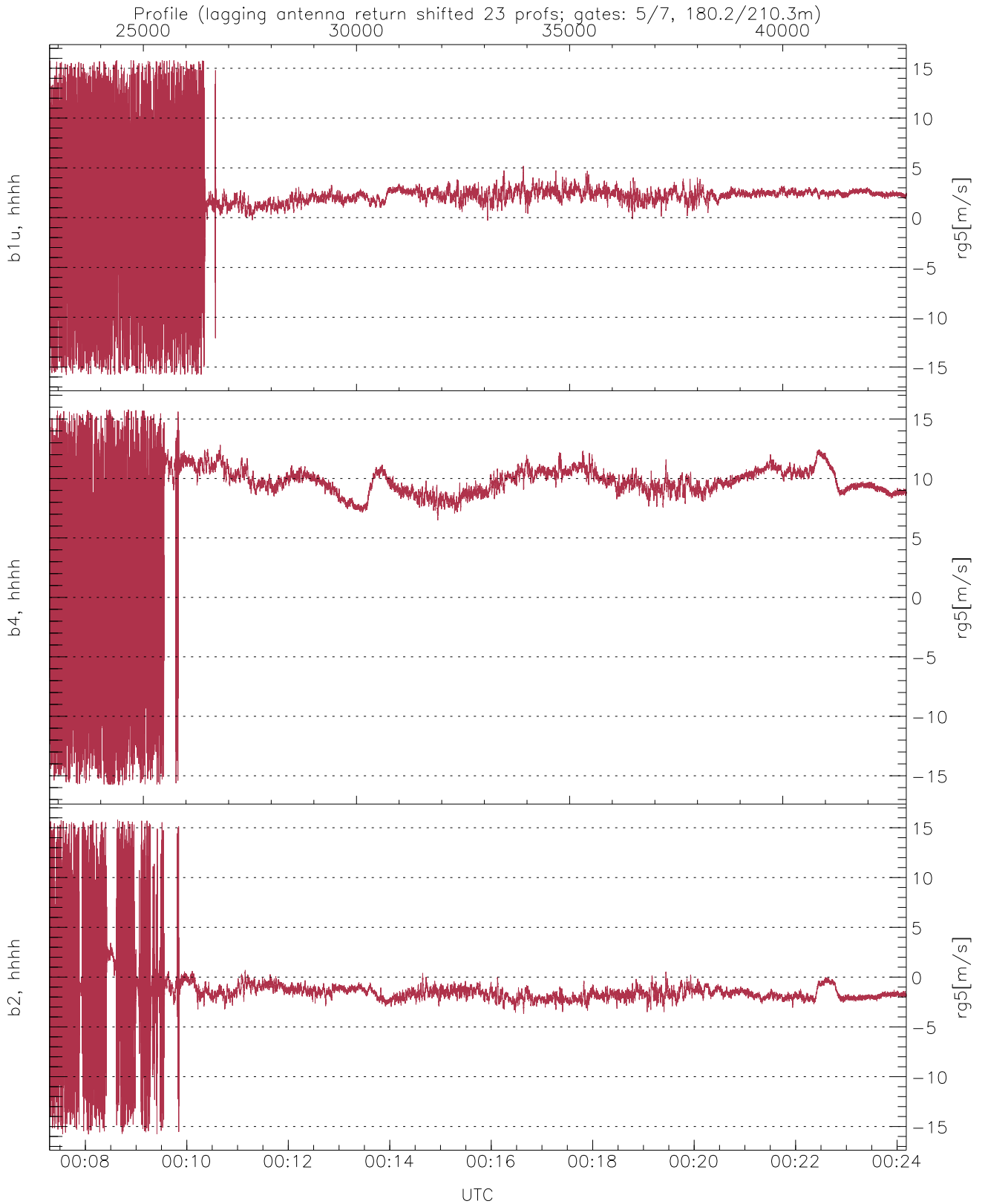
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.68	-11.81	-19.71
down-fore(hh[dBm])	-62.97	-16.56	-23.92
down(hh[dBm])	-63.60	-12.05	-20.07



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

	Min	Max	Mean
up/down (dB)	-35.97	11.95	-1.58
down/down-fore (dB)	-15.22	19.71	4.21



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	1.77	3.99
b4, hhhh(rg5[m/s])	-15.77	15.79	8.57	4.71
b2, hhhh(rg5[m/s])	-15.78	15.80	-1.41	2.91