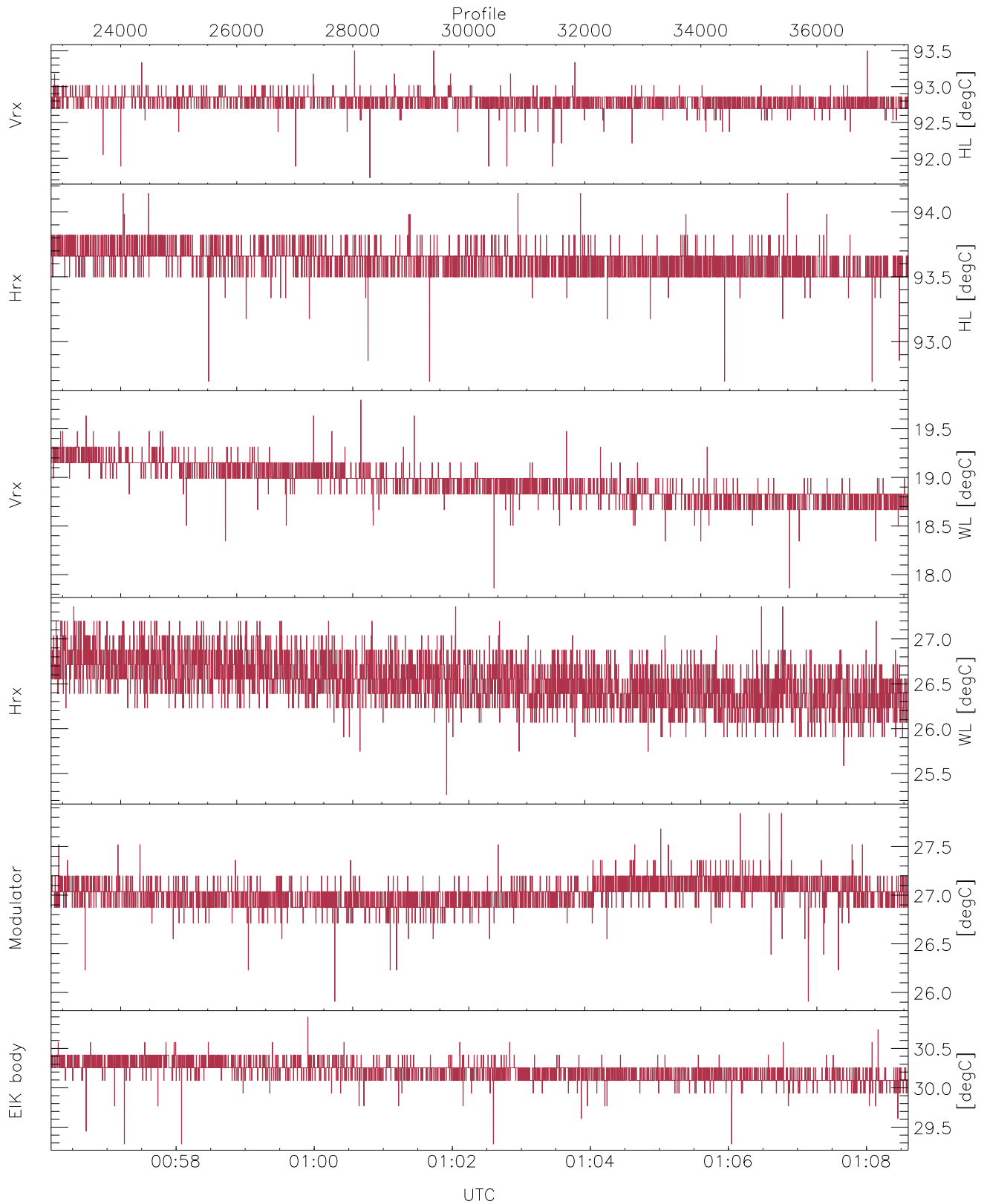


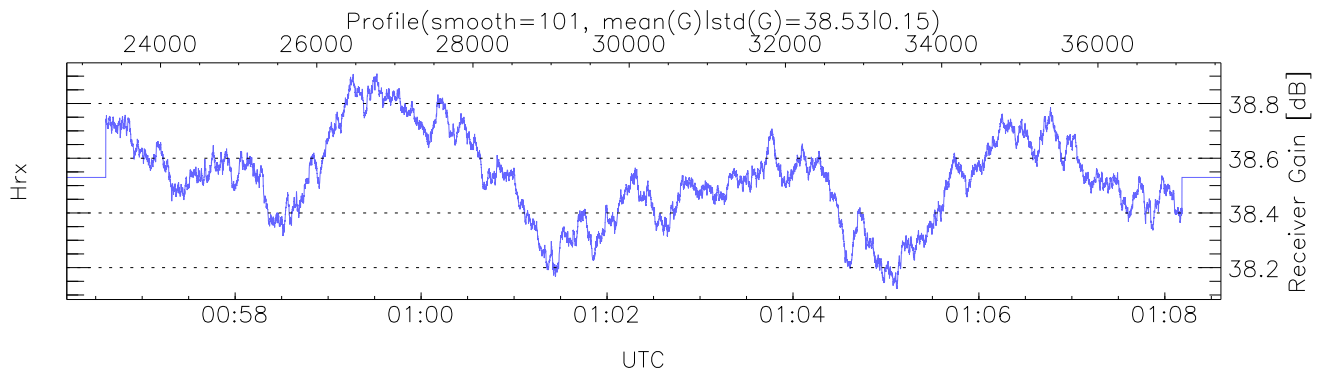
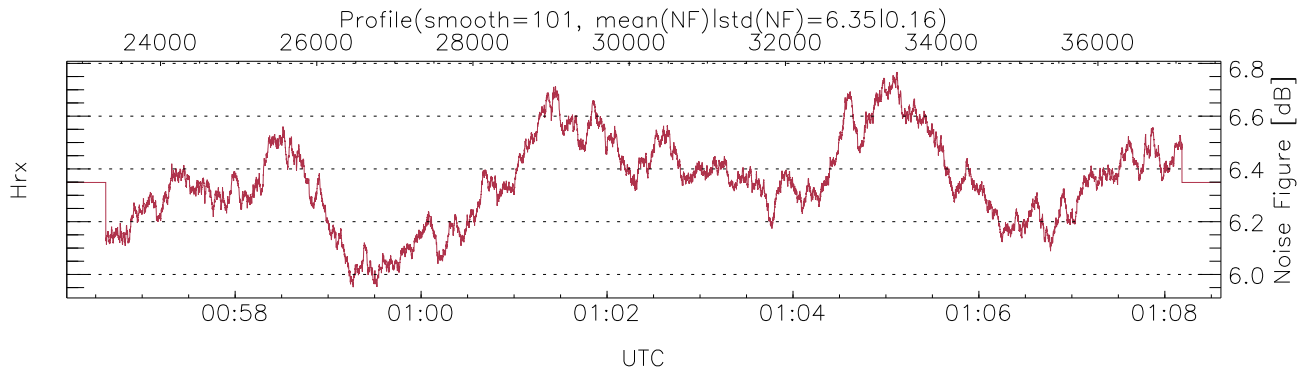
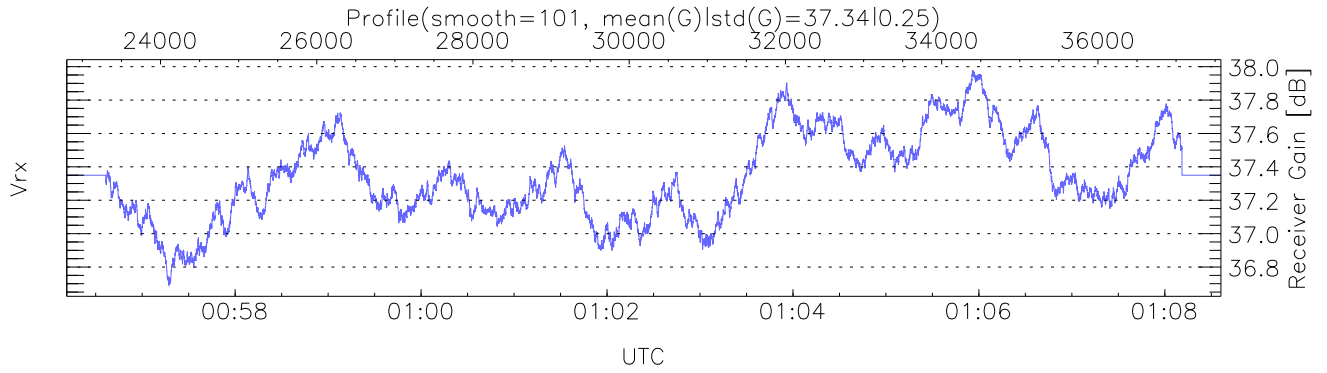
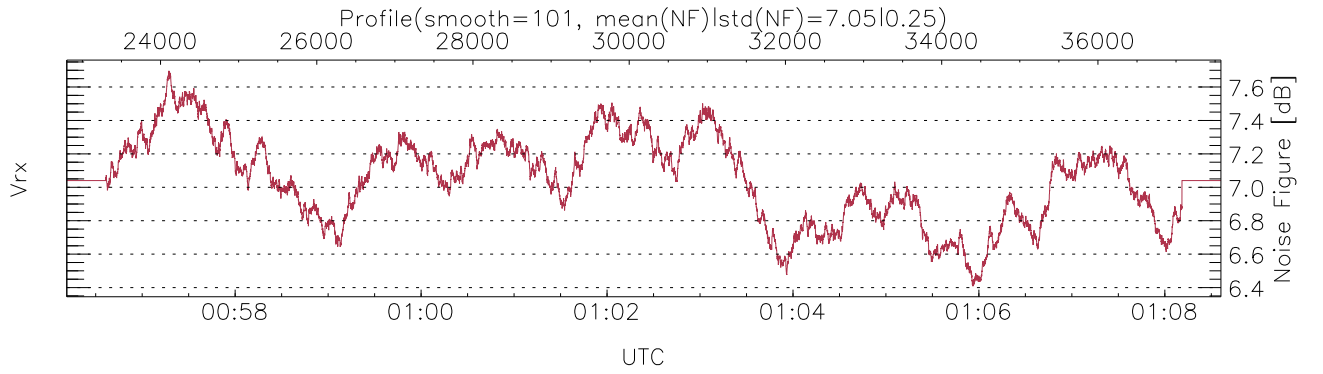
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

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): 14776/37576, 22800-37575/00:56:11-01:08:36
 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



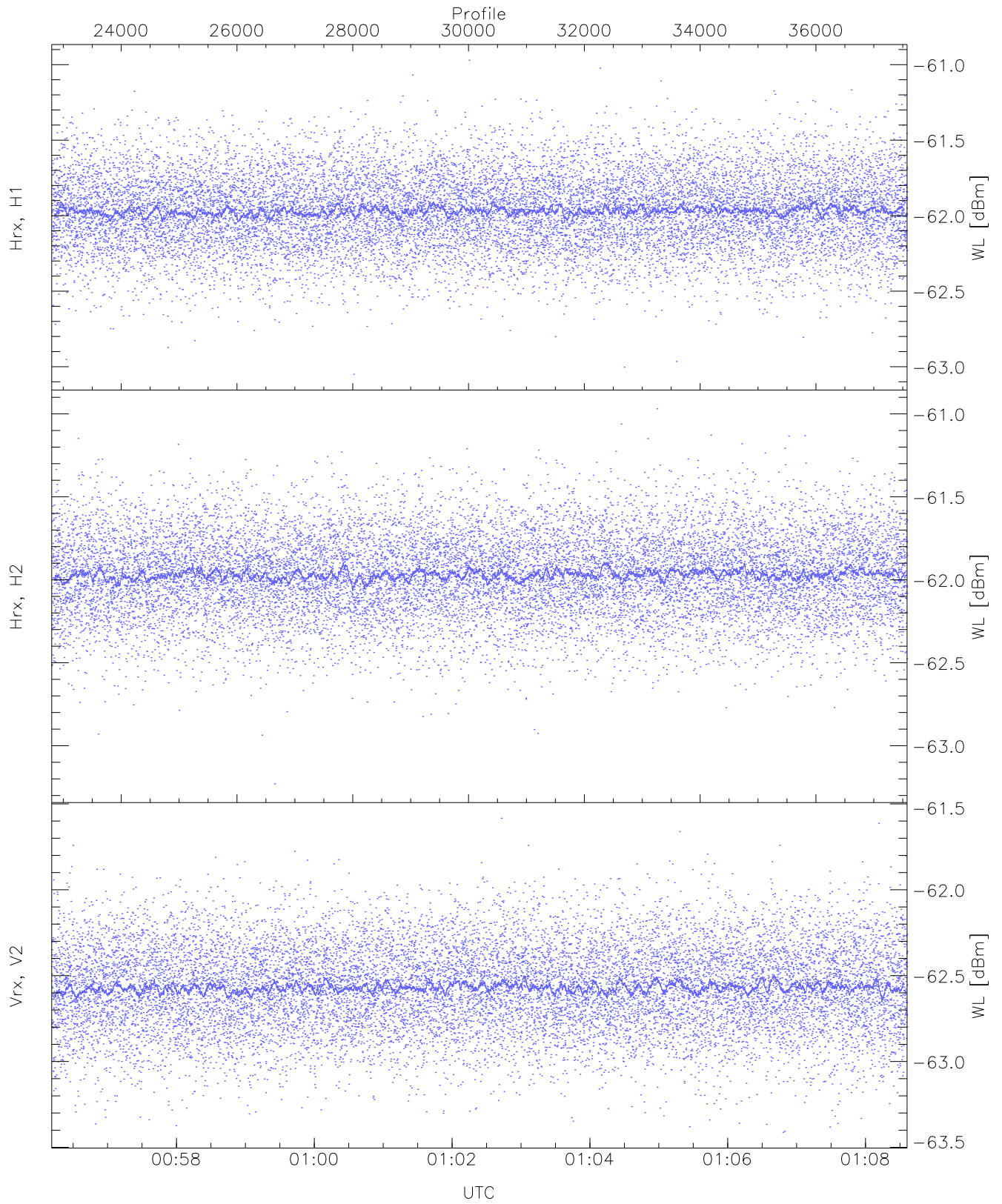
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,25,25,29
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,27,27,30
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,5)



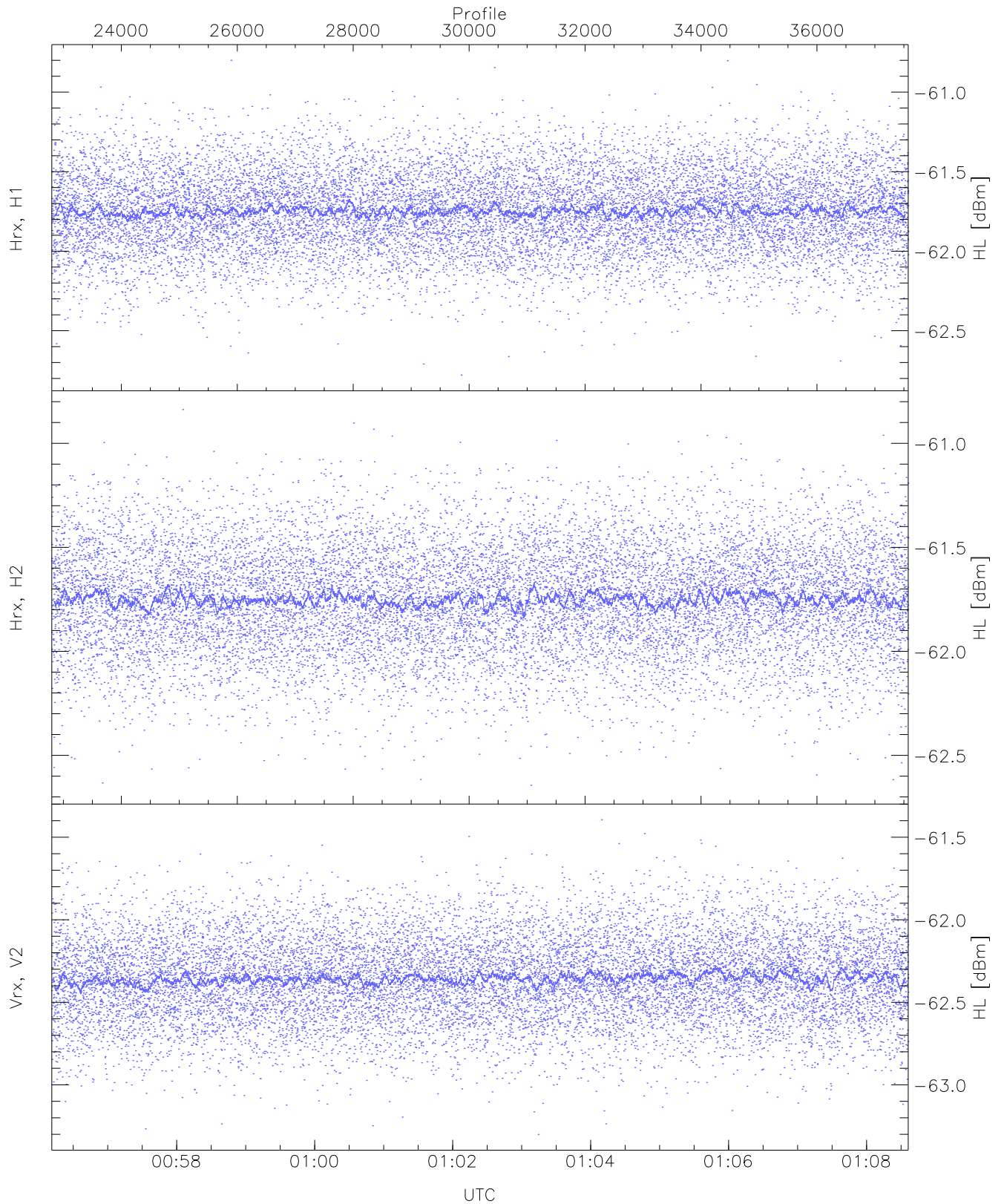
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3427 pixs, 23 gates, 3401 profs, 2 prods



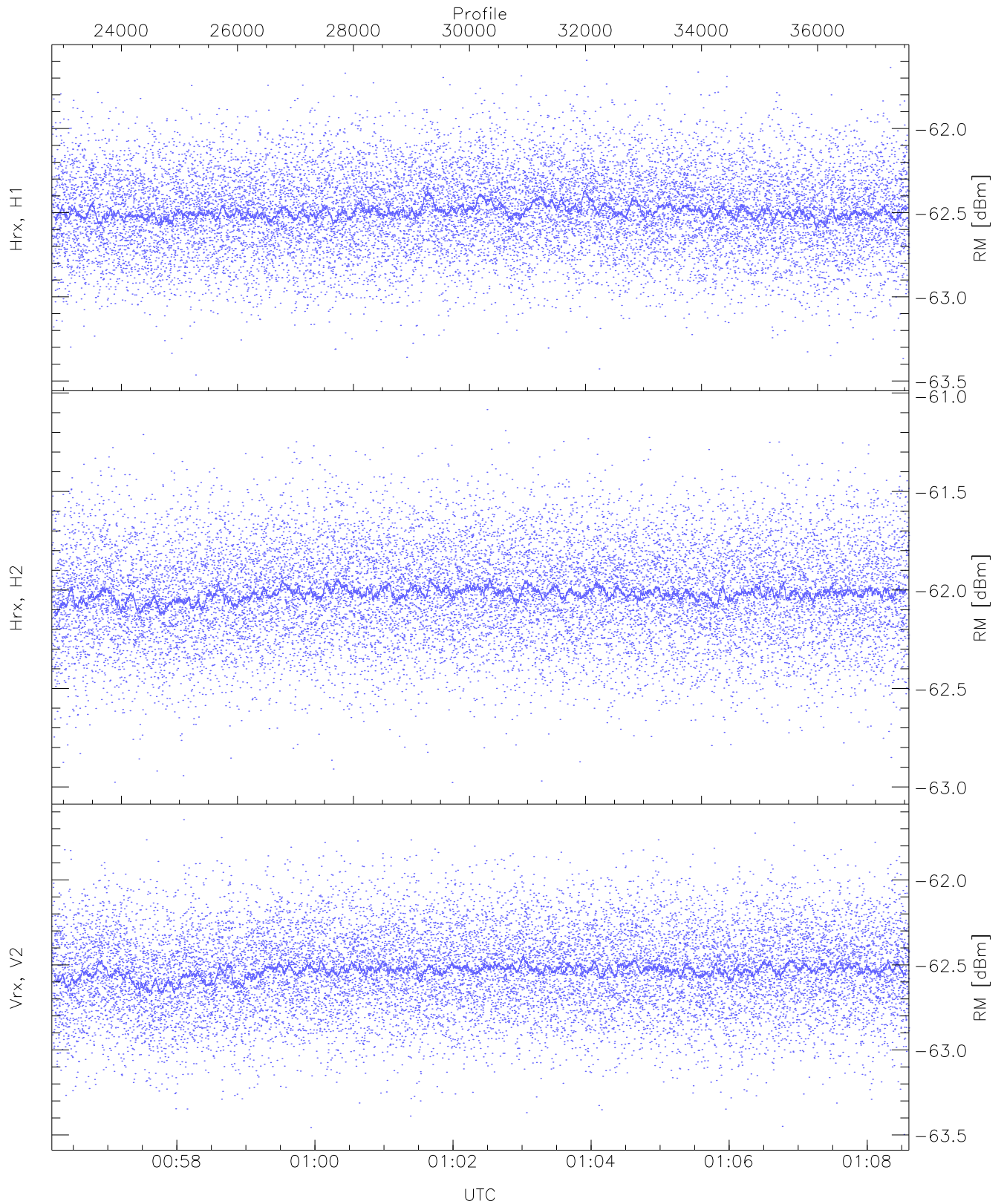
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.05	-60.97	-61.97	-61.97	-74.56
Hrx, H2 (WL [dBm])	-63.23	-60.97	-61.97	-61.97	-74.55
Vrx, V2 (WL [dBm])	-63.41	-61.58	-62.57	-62.57	-75.14



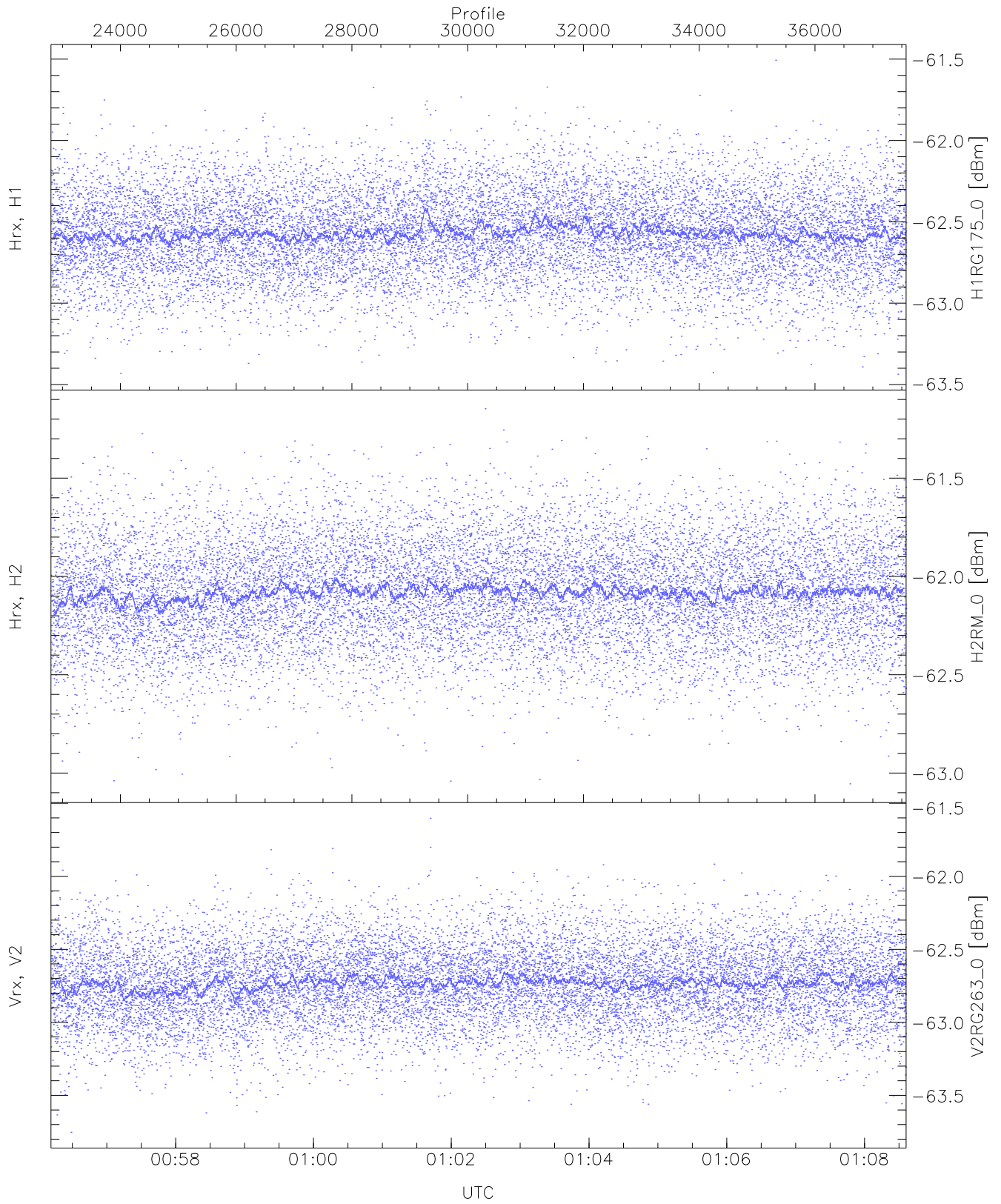
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.78	-60.80	-61.74	-61.75	-74.34
Hrx, H2 (HL [dBm])	-62.64	-60.84	-61.75	-61.75	-74.34
Vrx, V2 (HL [dBm])	-63.30	-61.39	-62.35	-62.36	-74.89



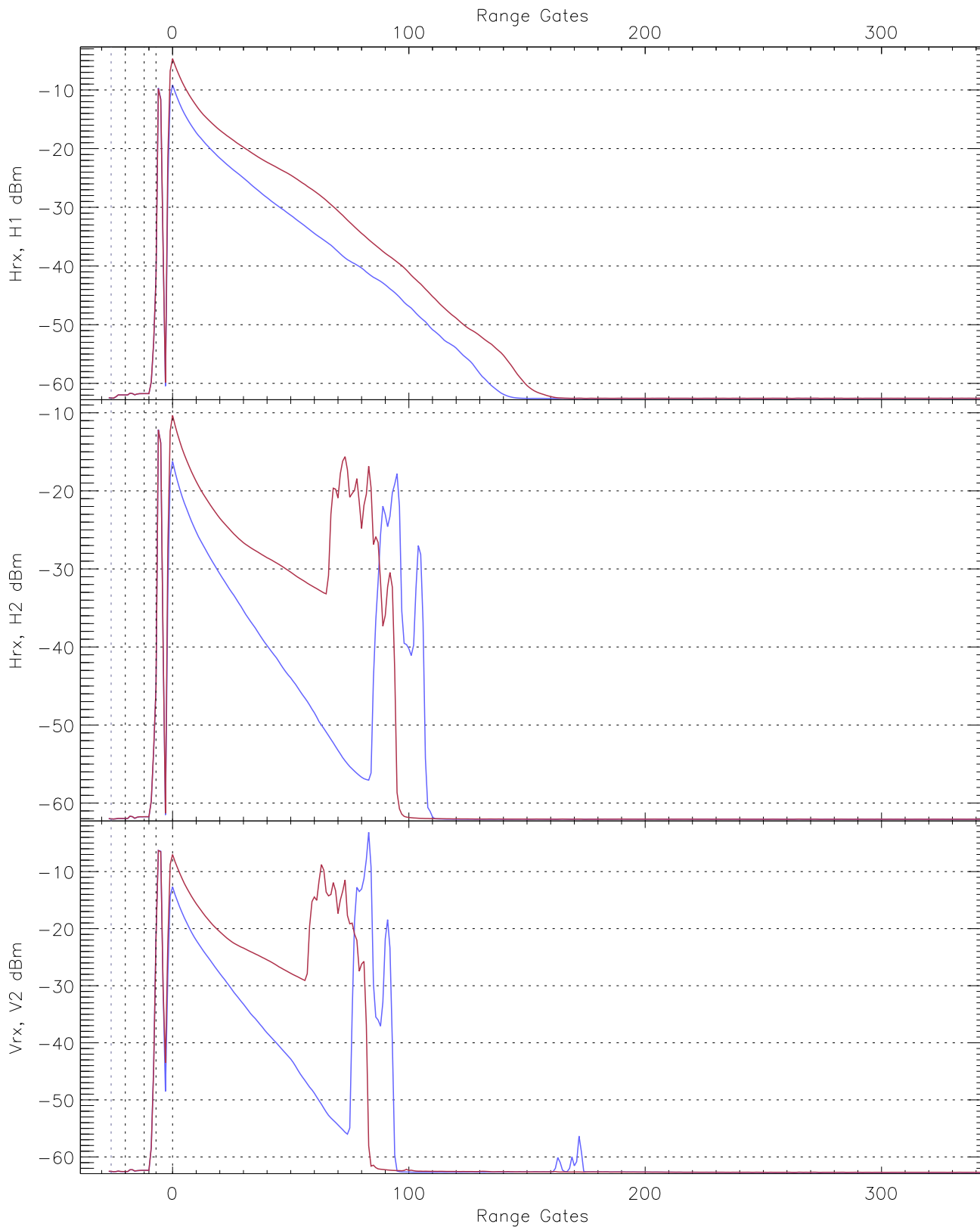
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.46	-61.59	-62.49	-62.49	-75.02
Hrx, H2 (RM [dBm])	-62.99	-61.08	-62.02	-62.02	-74.54
Vrx, V2 (RM [dBm])	-63.50	-61.65	-62.53	-62.54	-75.03

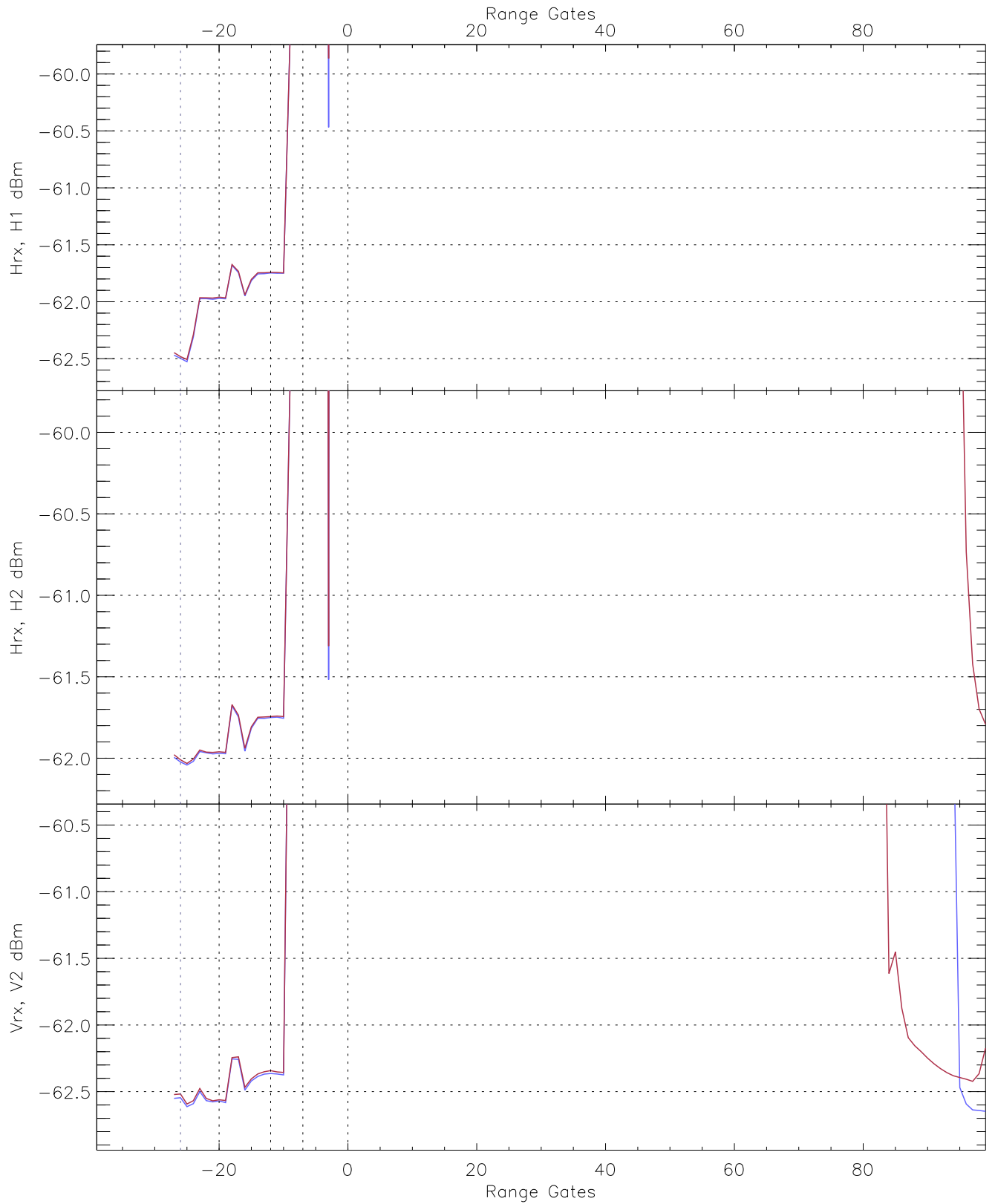


WCR2 CPP "Best" estimate Receivers Noise Power

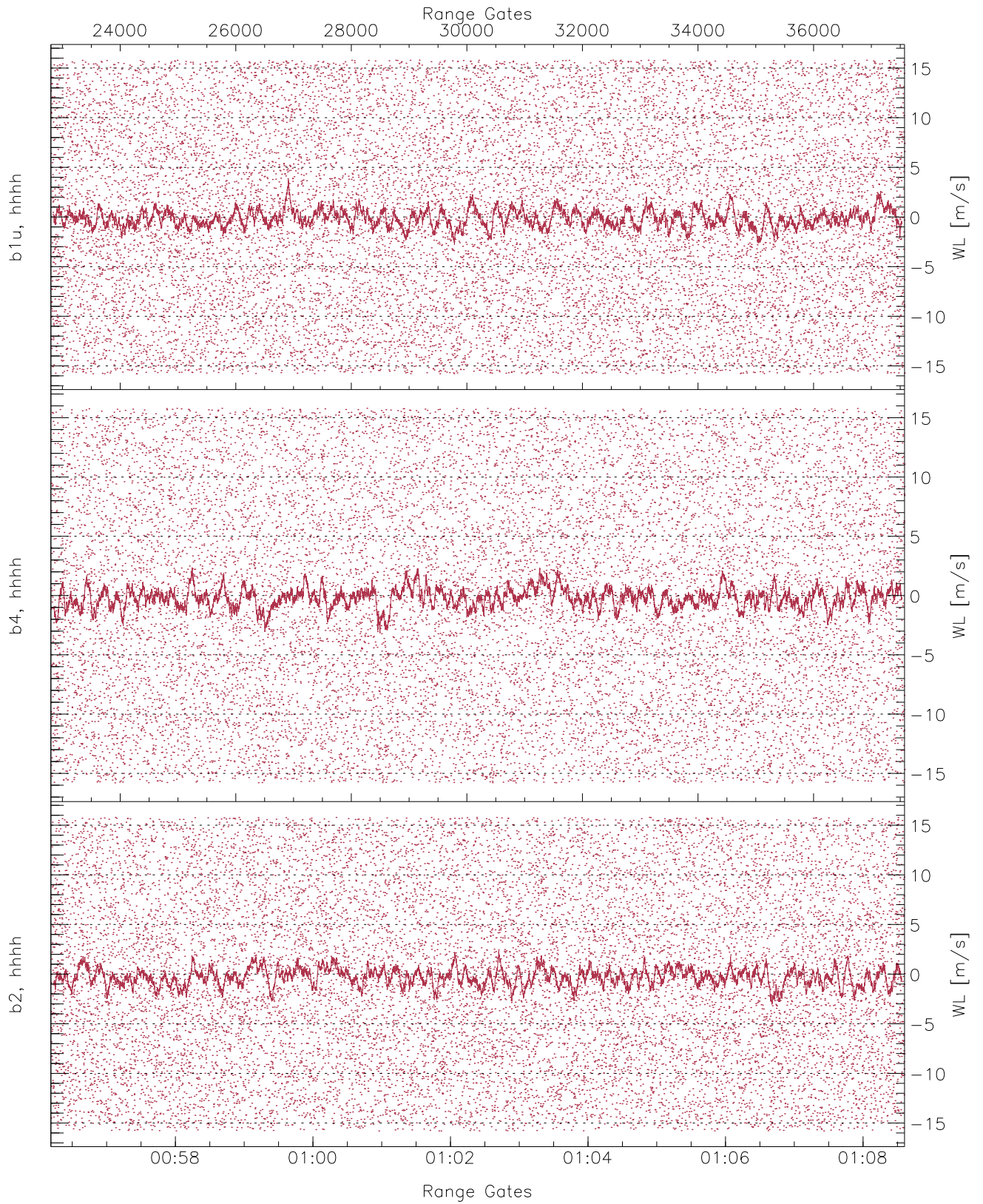
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.44	-61.51	-62.57	-62.57	-75.10
H2RM_0 [dBm]	-63.05	-61.15	-62.08	-62.09	-74.60
V2RG263_0 [dBm]	-63.75	-61.60	-62.73	-62.73	-75.24



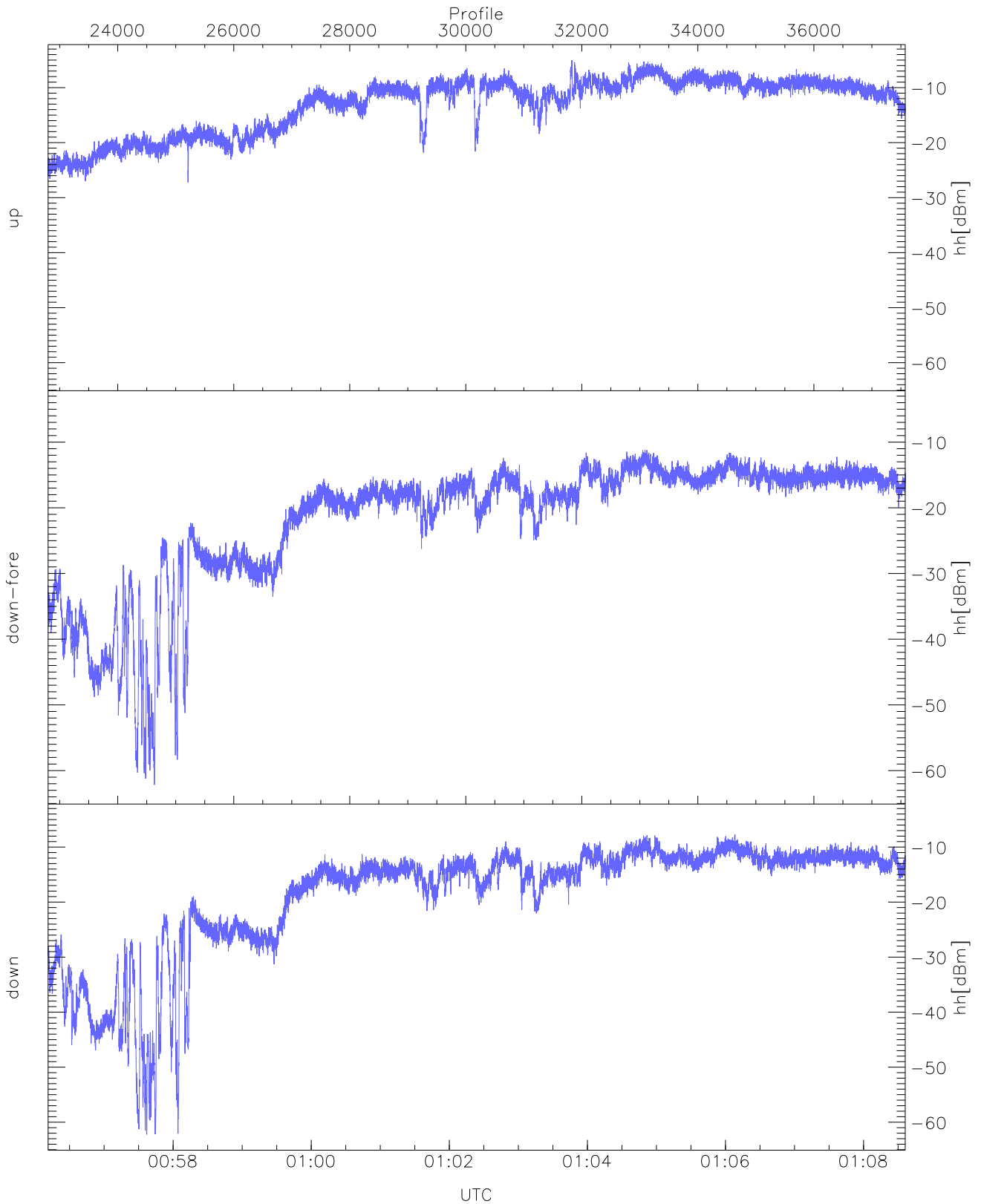
WCR2 CPP Averaged Received power for all recorded gates
blue: 005611-010224, 7389 profiles averaged
red: 010224-010836, 7388 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 005611-010224, 7389 profiles averaged
red: 010224-010836, 7388 profiles averaged

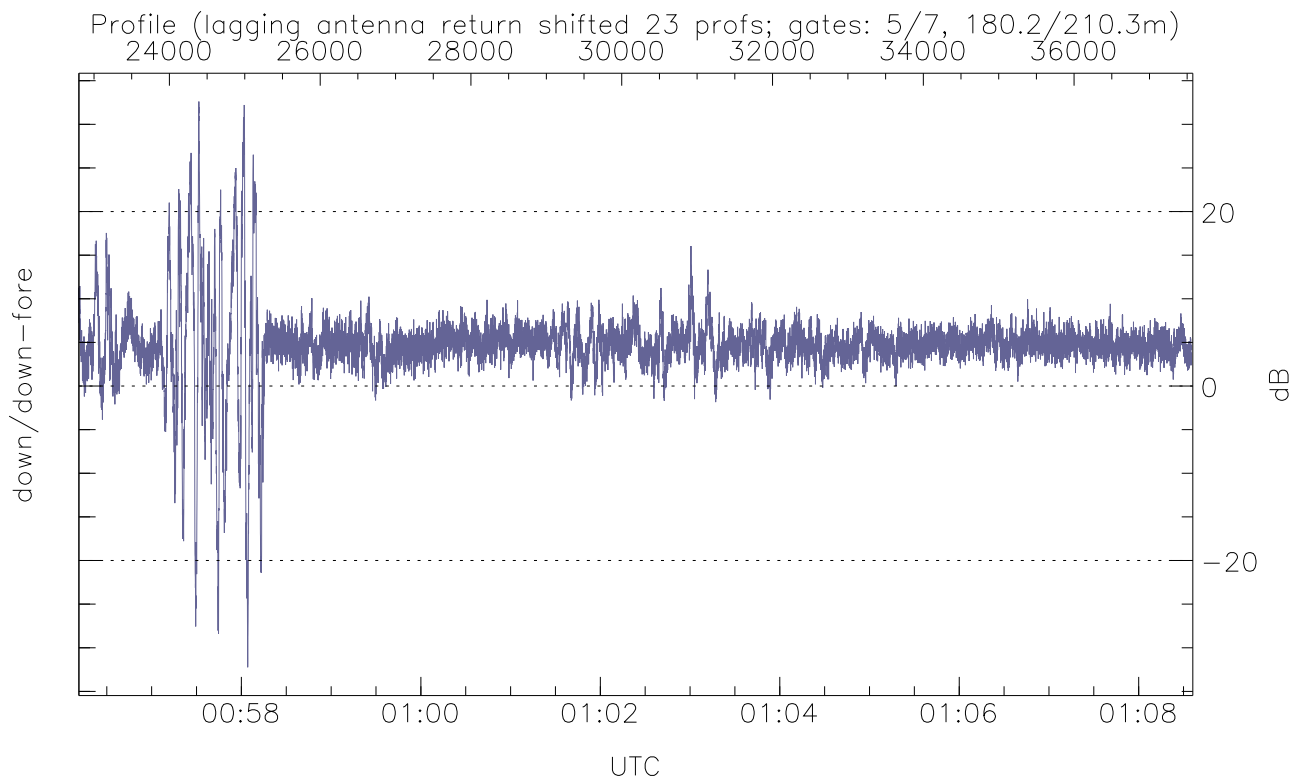
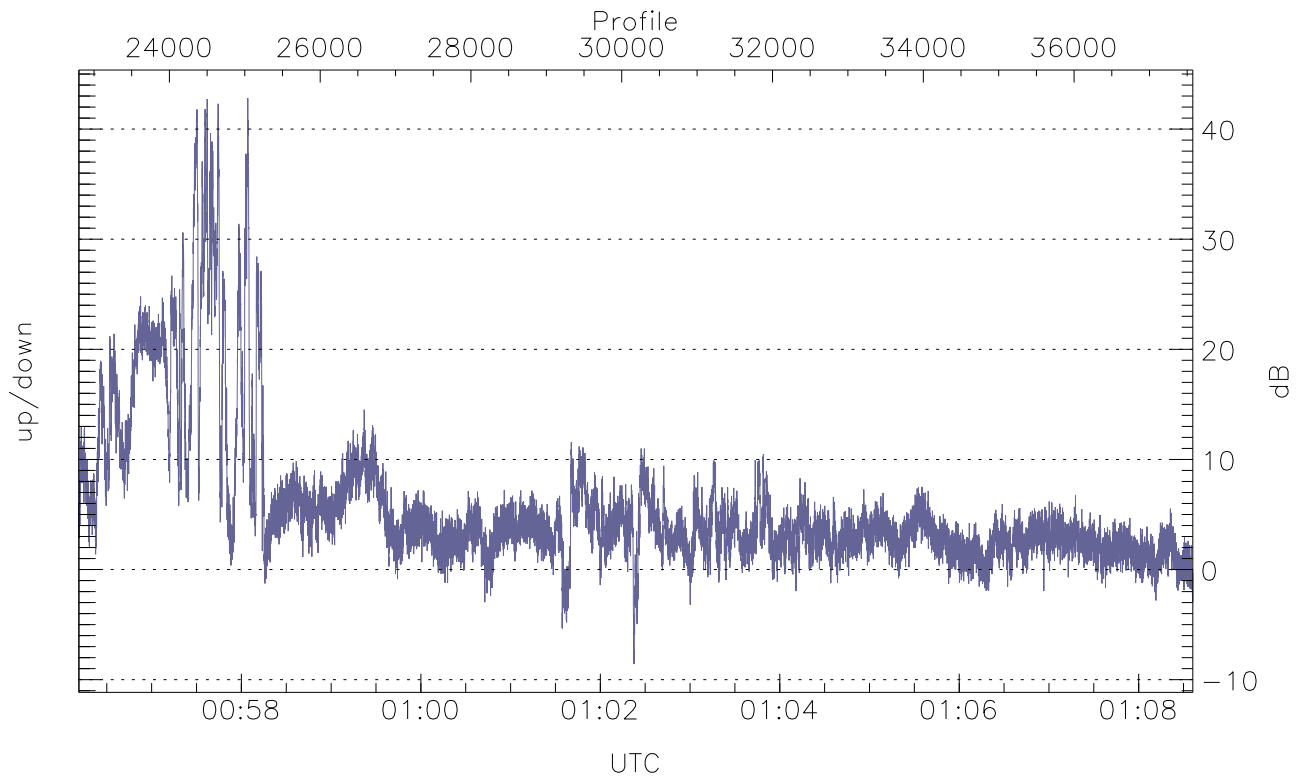


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



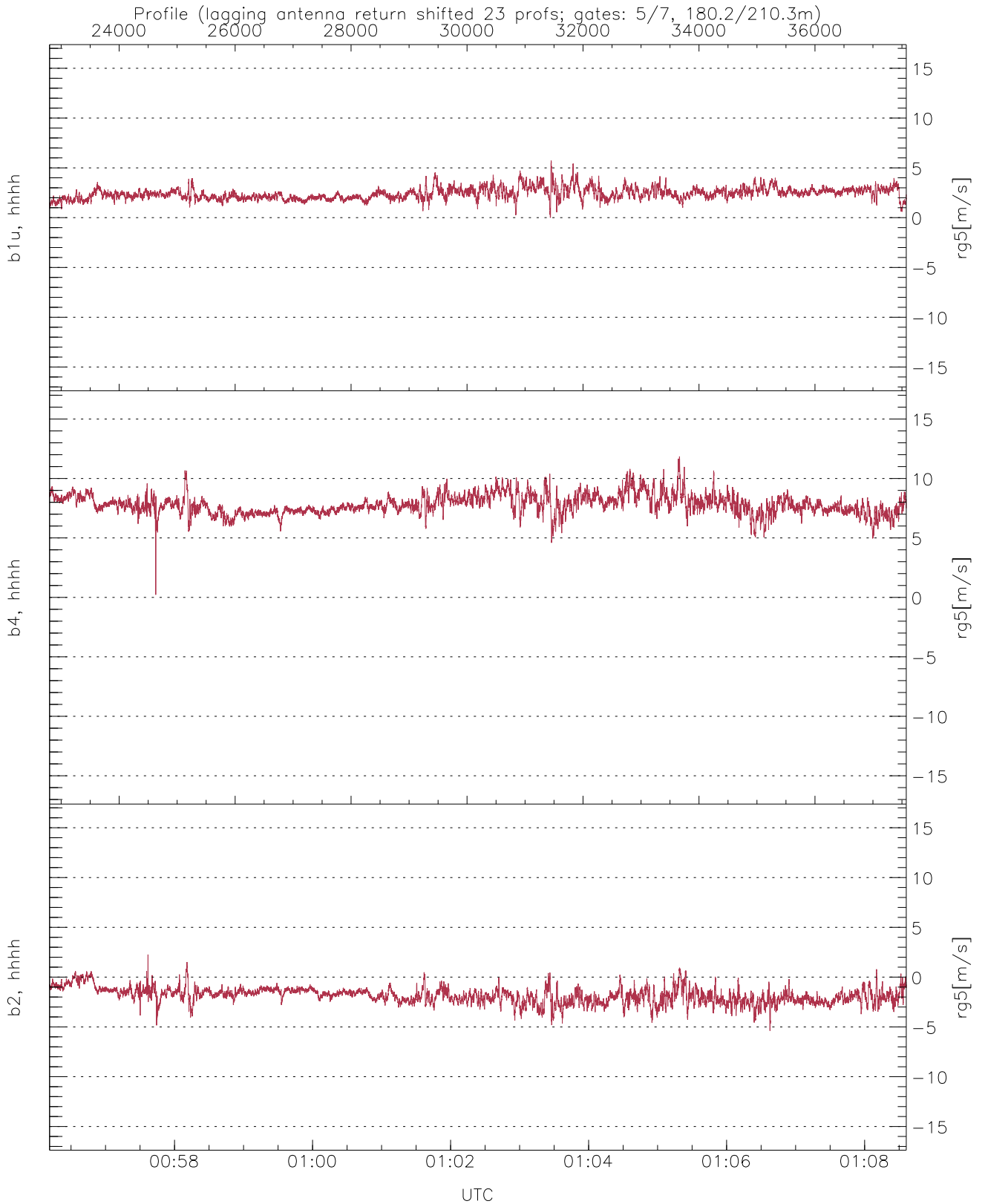
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-27.23	-5.04	-11.12
down-fore(hh[dBm])	-62.18	-11.21	-17.44
down(hh[dBm])	-62.23	-7.72	-14.12



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

	Min	Max	Mean
up/down (dB)	-8.58	42.80	5.77
down/down-fore (dB)	-32.24	32.61	4.72



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.01	5.74	2.42	0.58
b4, hhhh(rg5[m/s])	0.22	11.85	7.80	0.83
b2, hhhh(rg5[m/s])	-5.39	2.27	-1.84	0.79