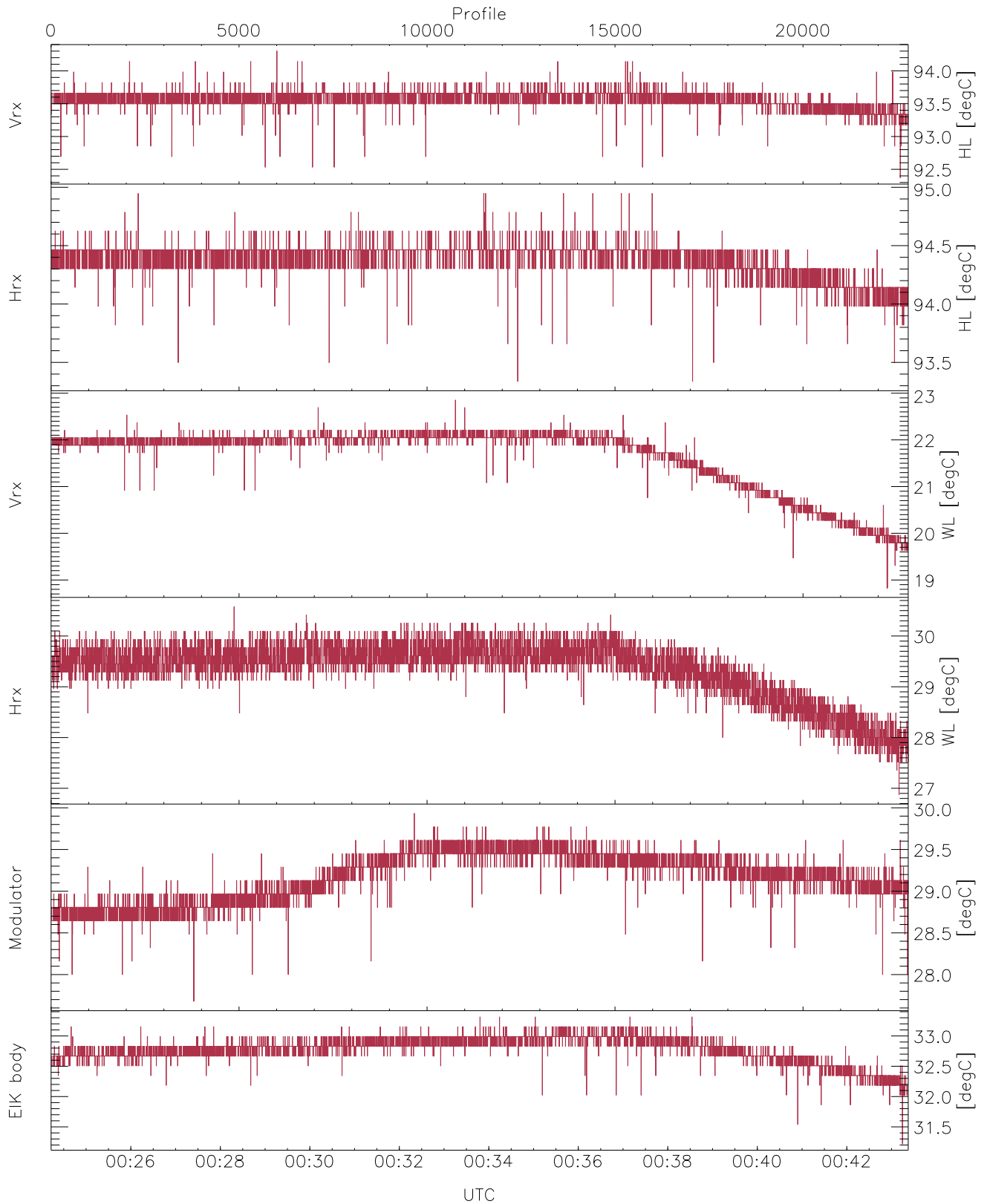


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

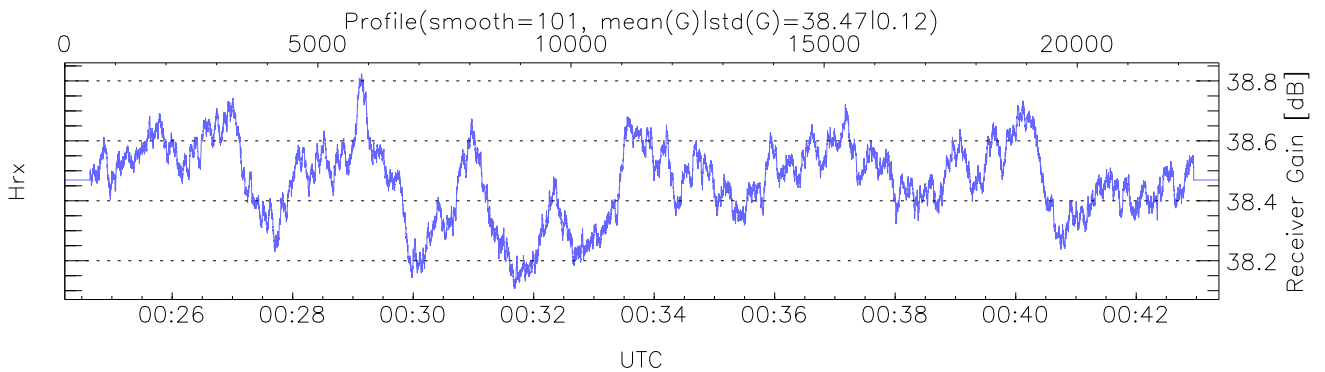
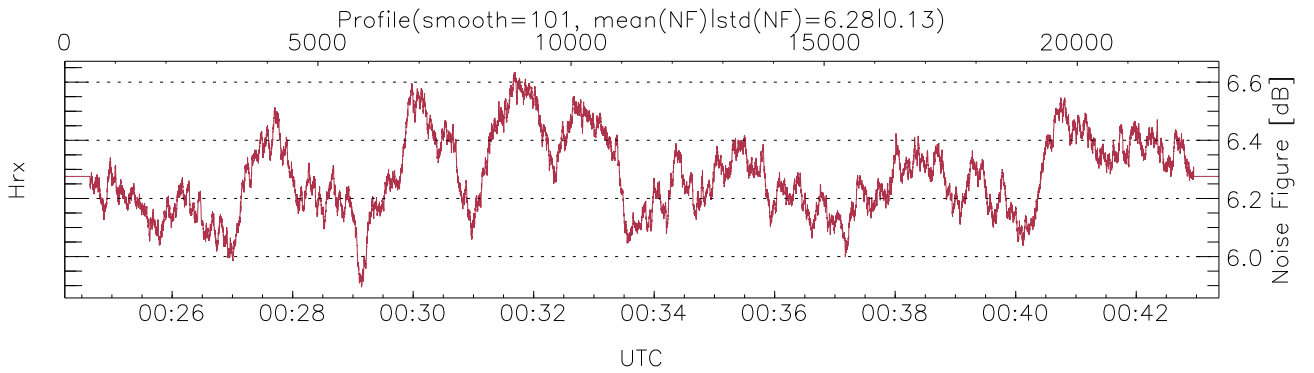
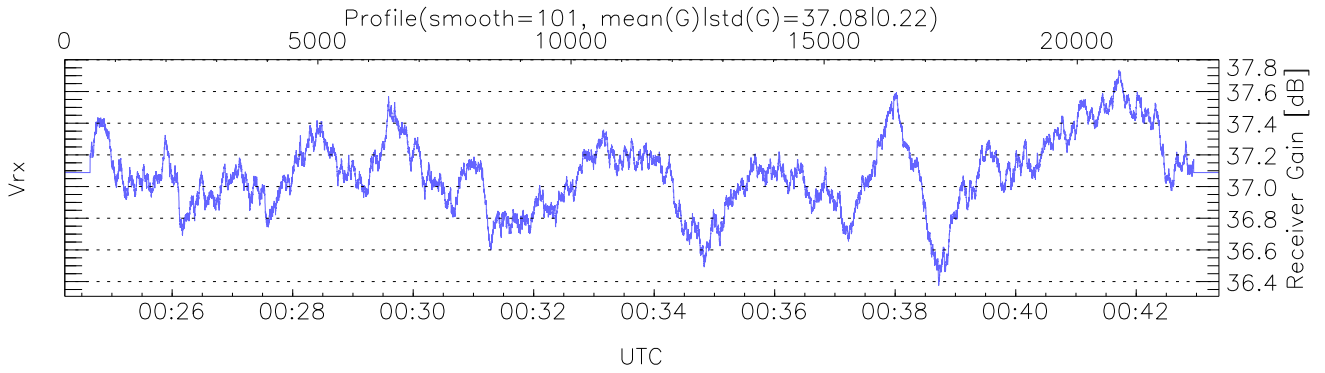
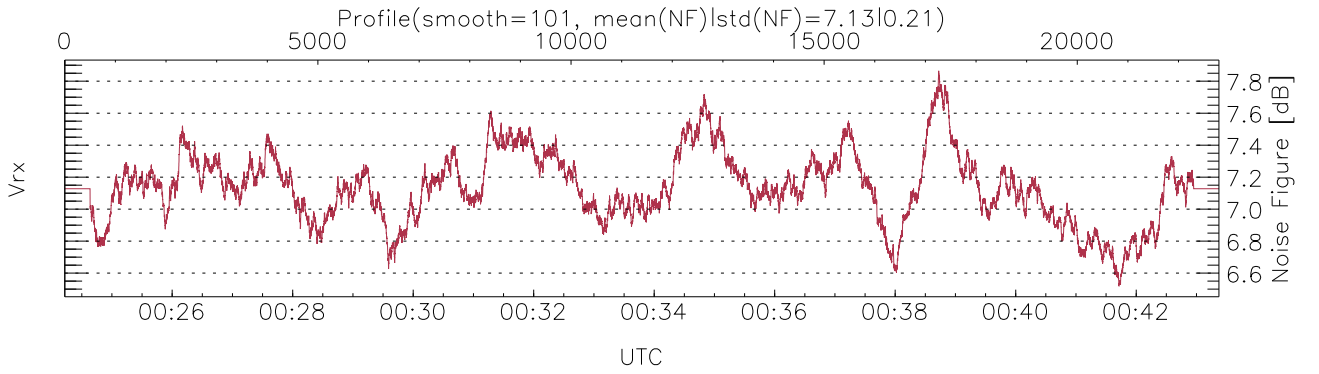
UTC: 00:24:13-00:57:07, Dur: 1974.16s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/39161, 0-22799/00:24:13-00:43:22
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

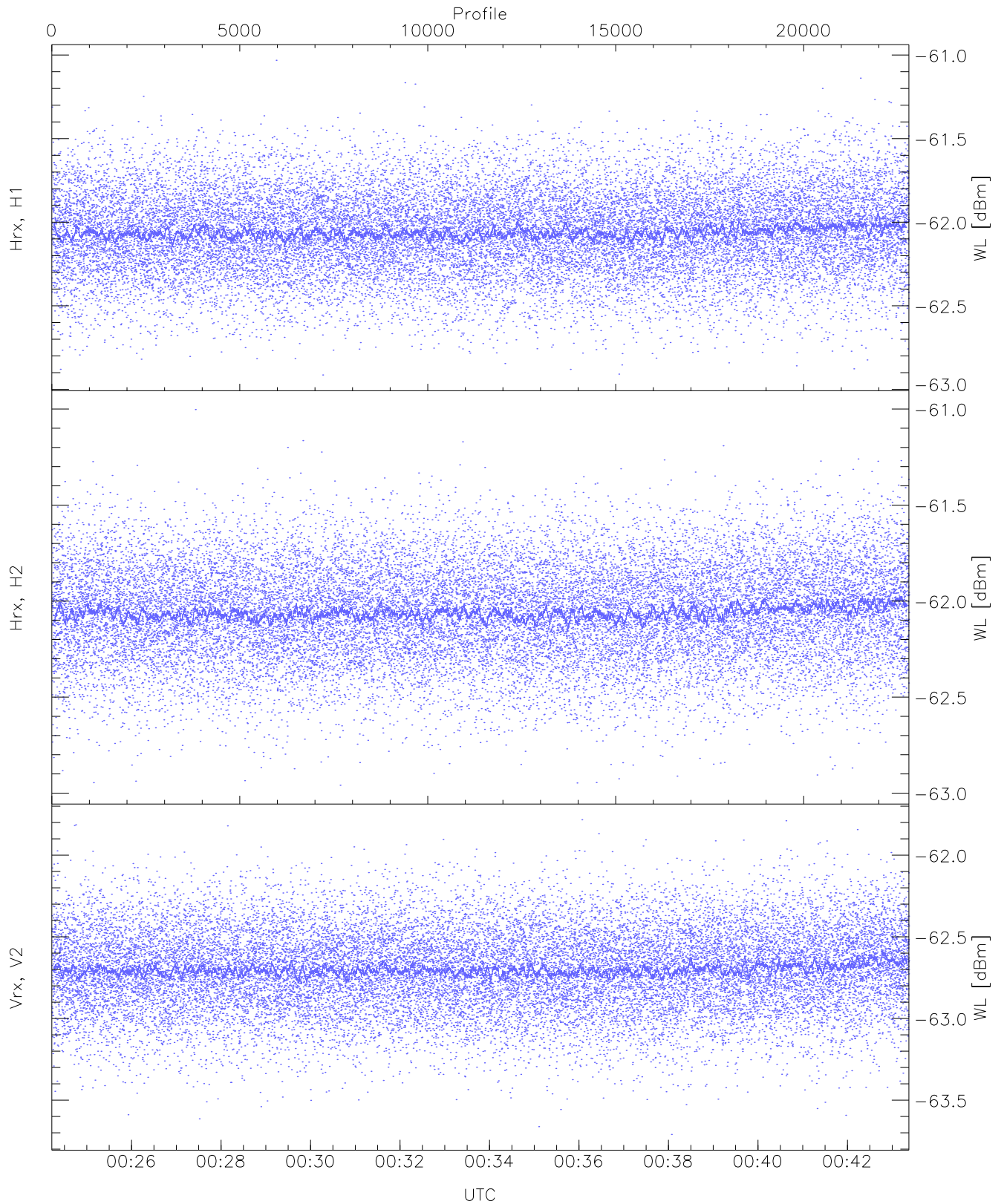
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,26,27,31
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,94,22,30,29,33
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,11,11,5)



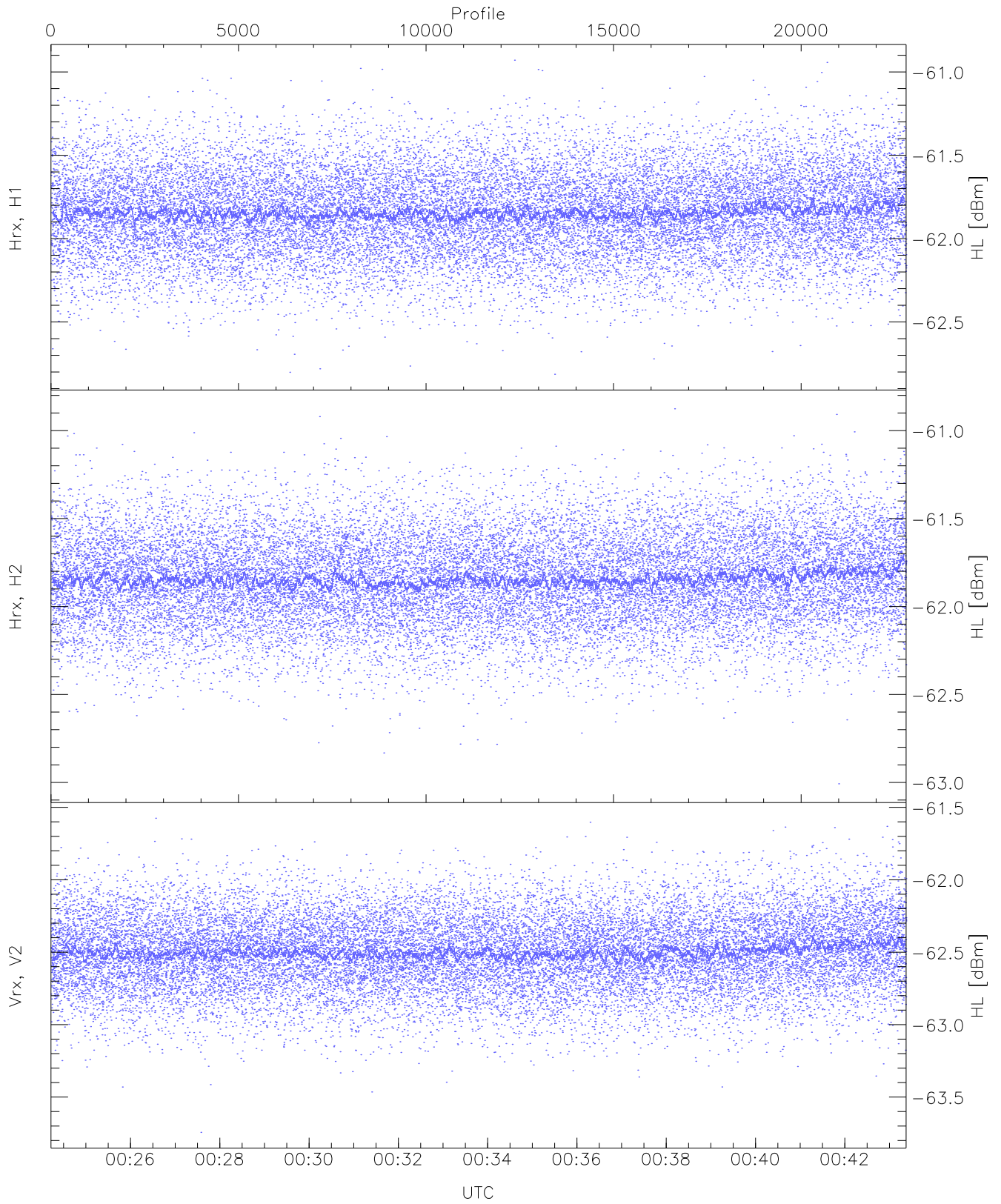
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 6617 pixs, 8 gates, 6616 profs, 1 prods



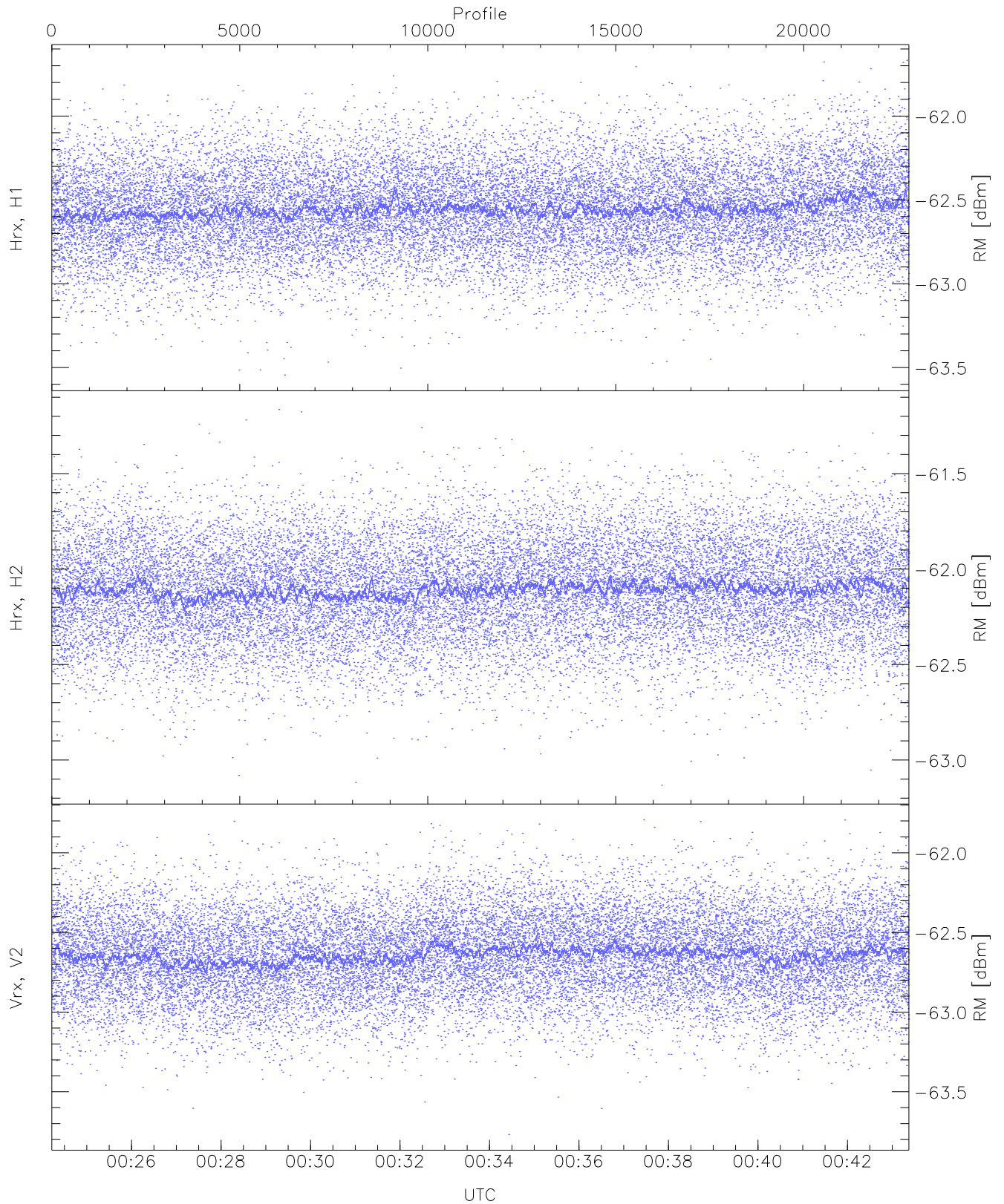
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.91	-61.03	-62.06	-62.06	-74.66
Hrx, H2 (WL [dBm])	-62.96	-61.00	-62.06	-62.06	-74.63
Vrx, V2 (WL [dBm])	-63.71	-61.78	-62.70	-62.70	-75.22



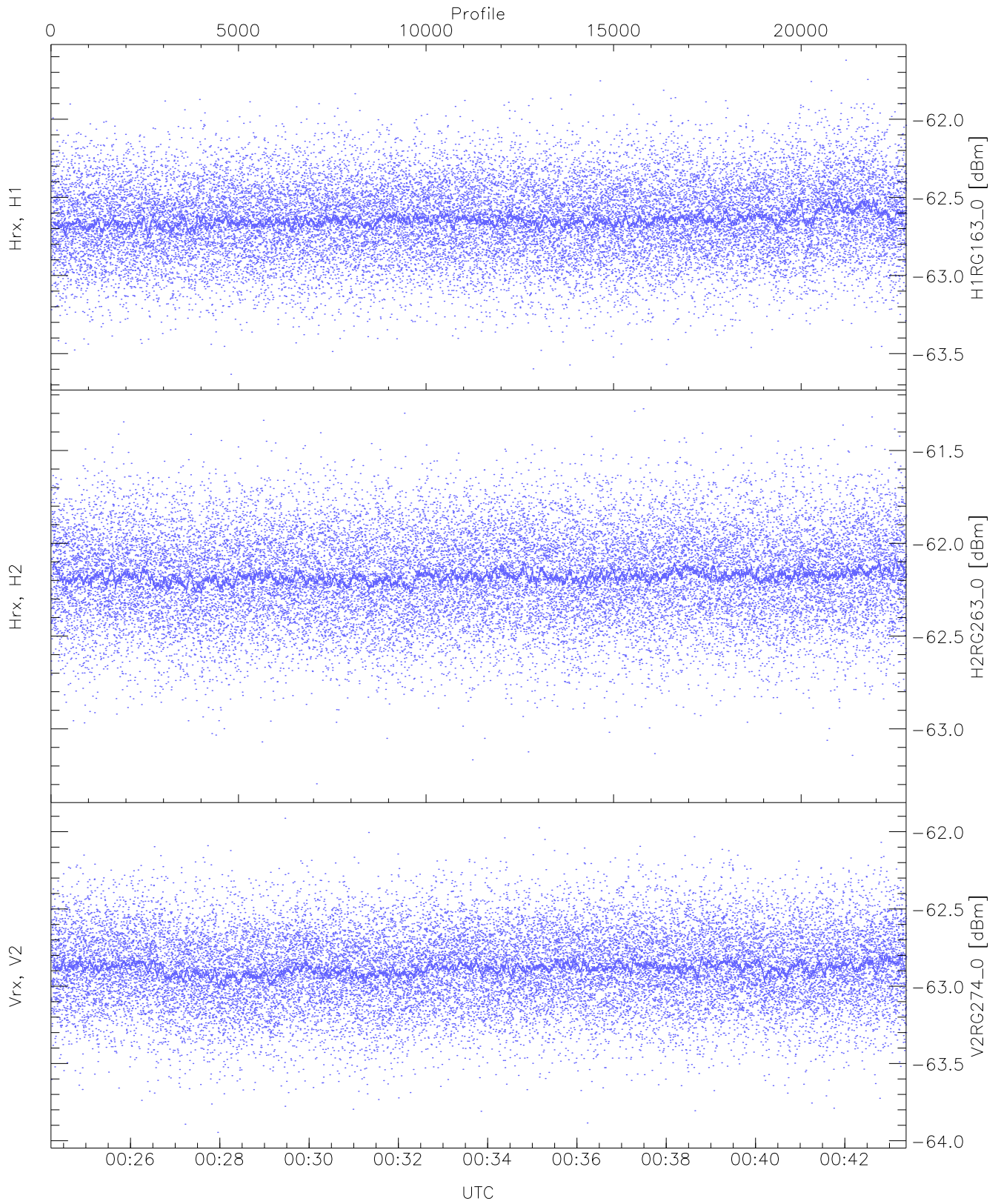
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.81	-60.93	-61.84	-61.85	-74.42
Hrx, H2 (HL [dBm])	-63.01	-60.88	-61.84	-61.85	-74.41
Vrx, V2 (HL [dBm])	-63.74	-61.58	-62.50	-62.50	-75.05



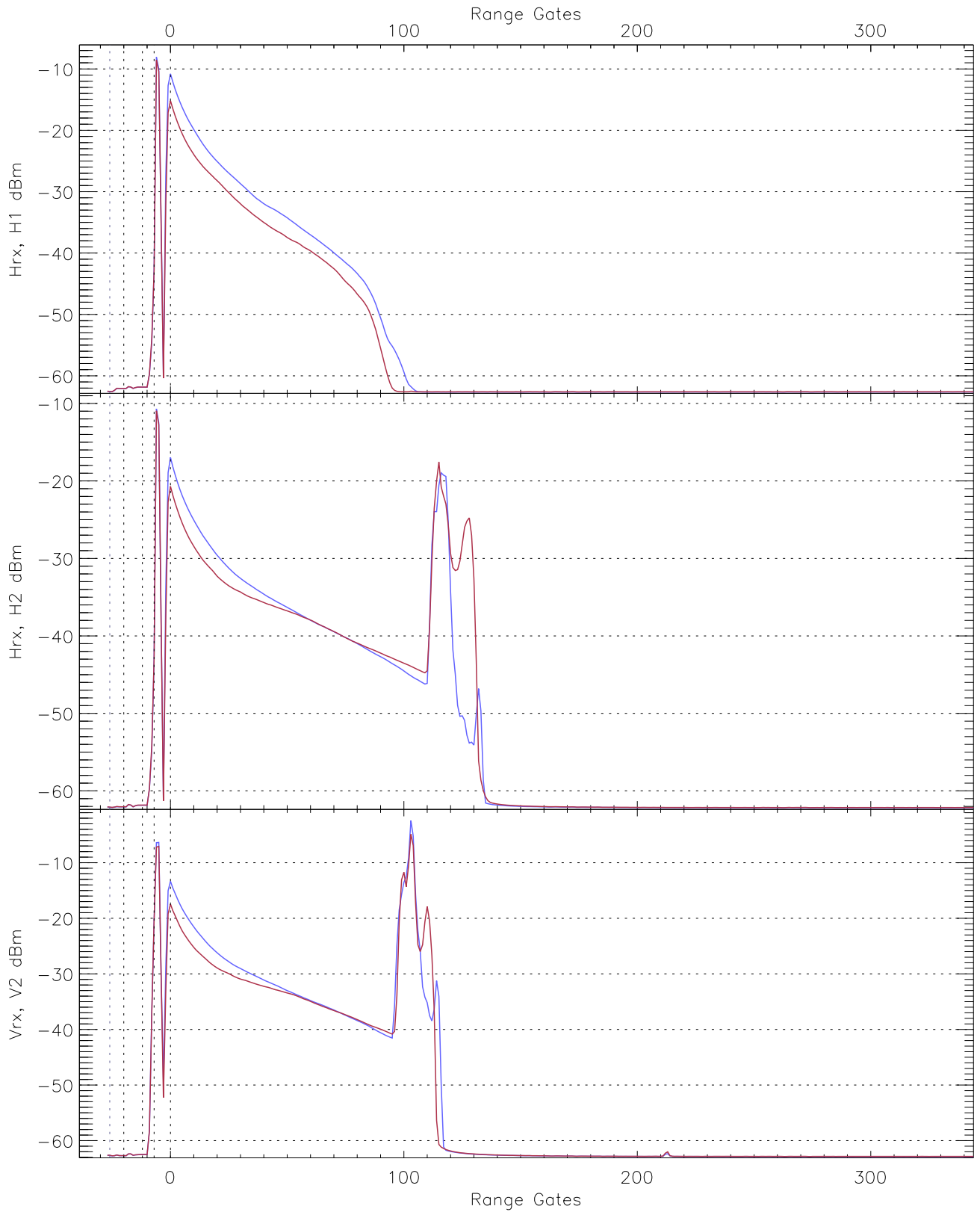
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.54	-61.67	-62.55	-62.56	-75.10
Hrx, H2 (RM [dBm])	-63.13	-61.16	-62.11	-62.11	-74.68
Vrx, V2 (RM [dBm])	-63.77	-61.79	-62.64	-62.64	-75.17

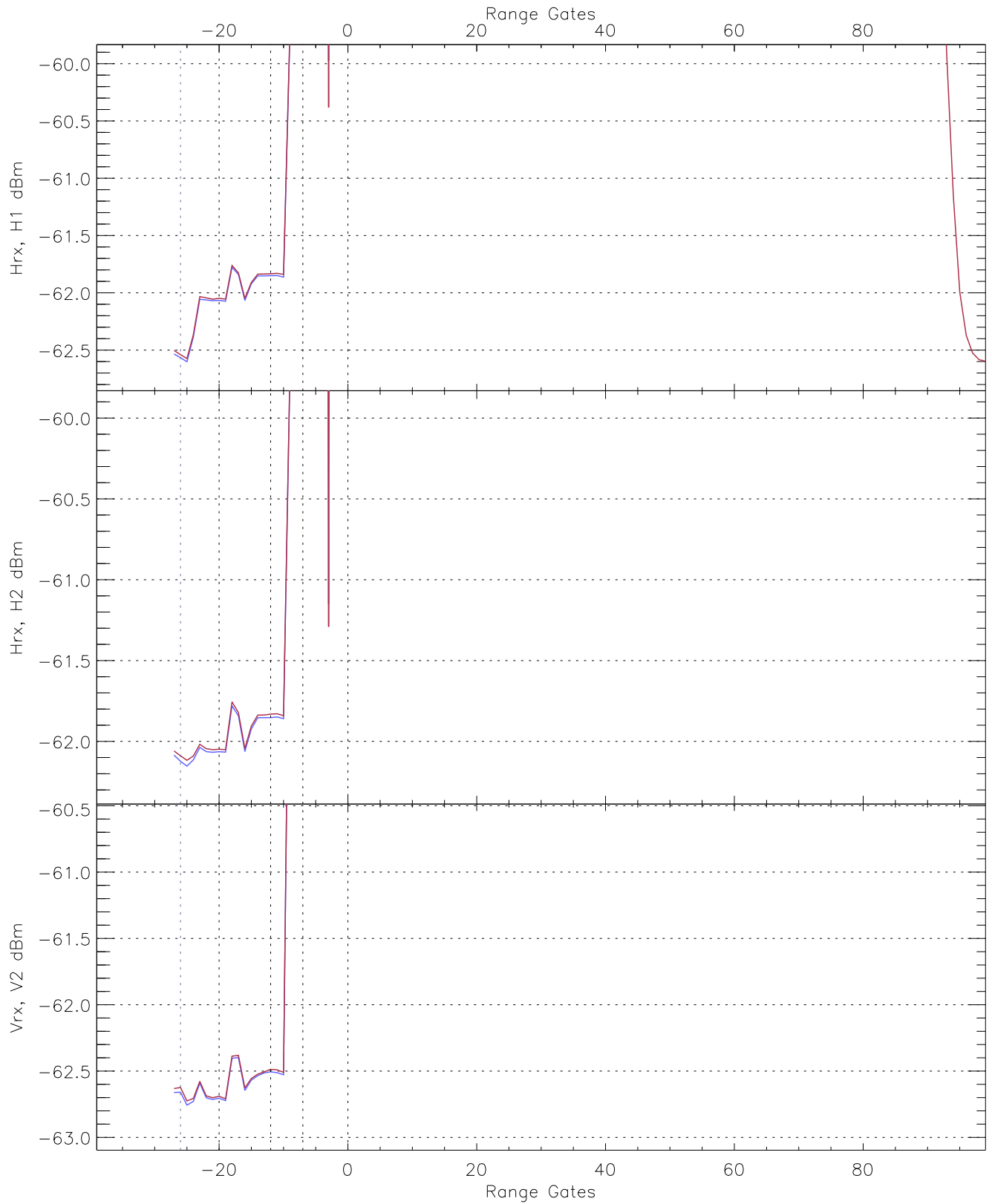


WCR2 CPP "Best" estimate Receivers Noise Power

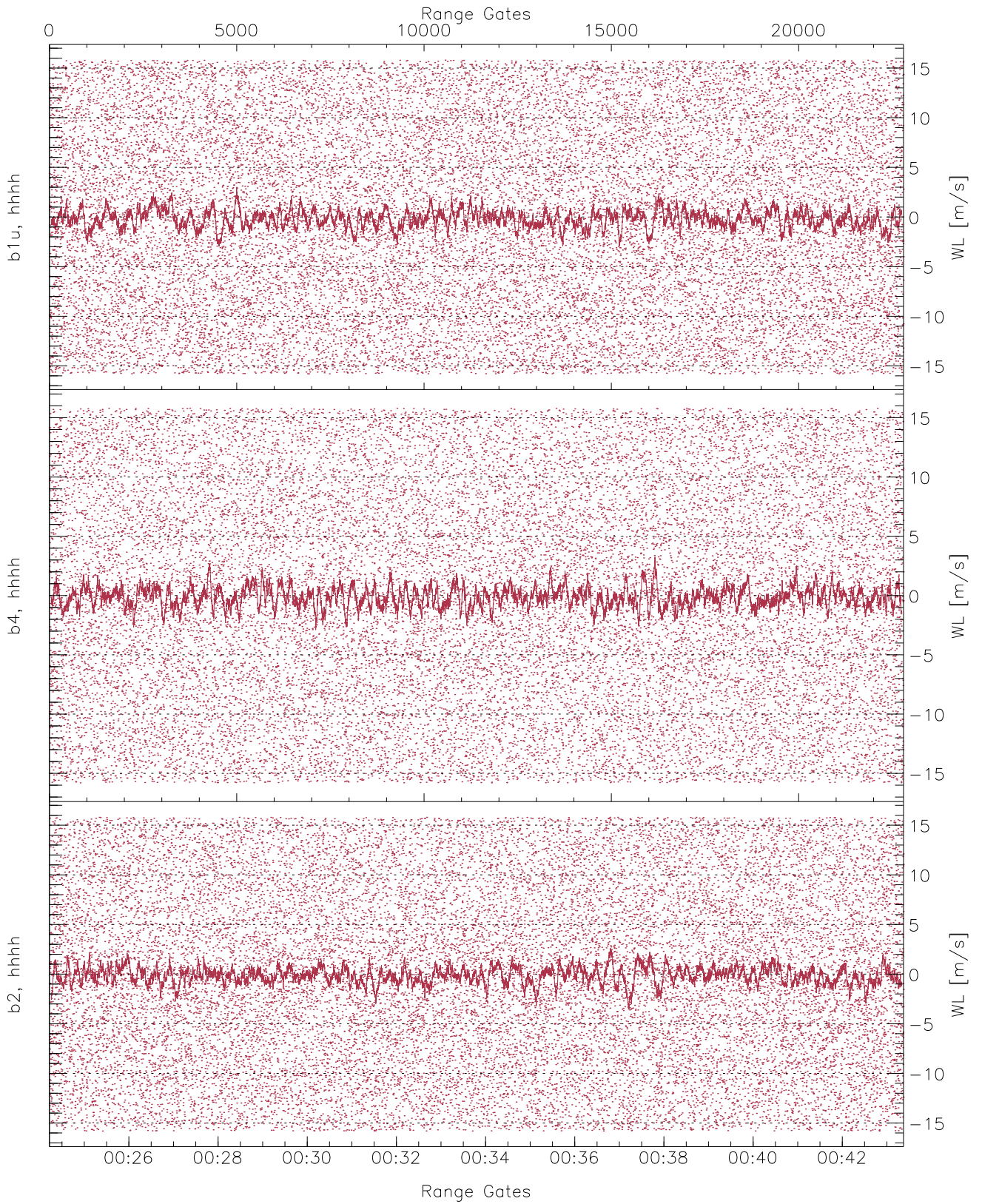
	Min	Max	Mean	Median	StDev
H1RG163_0 [dBm]	-63.63	-61.62	-62.64	-62.64	-75.18
H2RG263_0 [dBm]	-63.30	-61.28	-62.17	-62.18	-74.76
V2RG274_0 [dBm]	-63.95	-61.91	-62.88	-62.89	-75.38



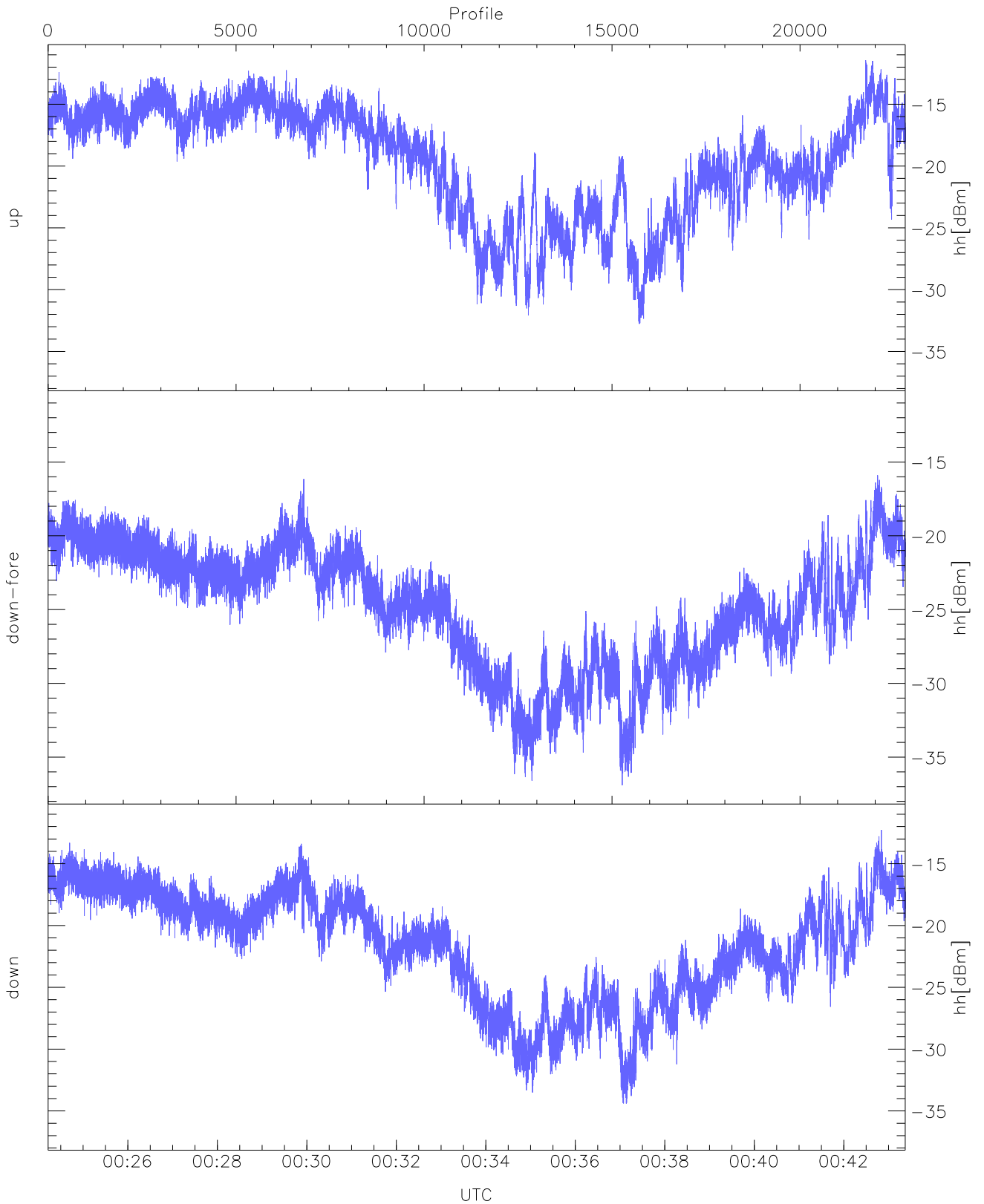
WCR2 CPP Averaged Received power for all recorded gates
blue: 002413-003348, 11401 profiles averaged
red: 003348-004322, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 002413-003348, 11401 profiles averaged
red: 003348-004322, 11400 profiles averaged

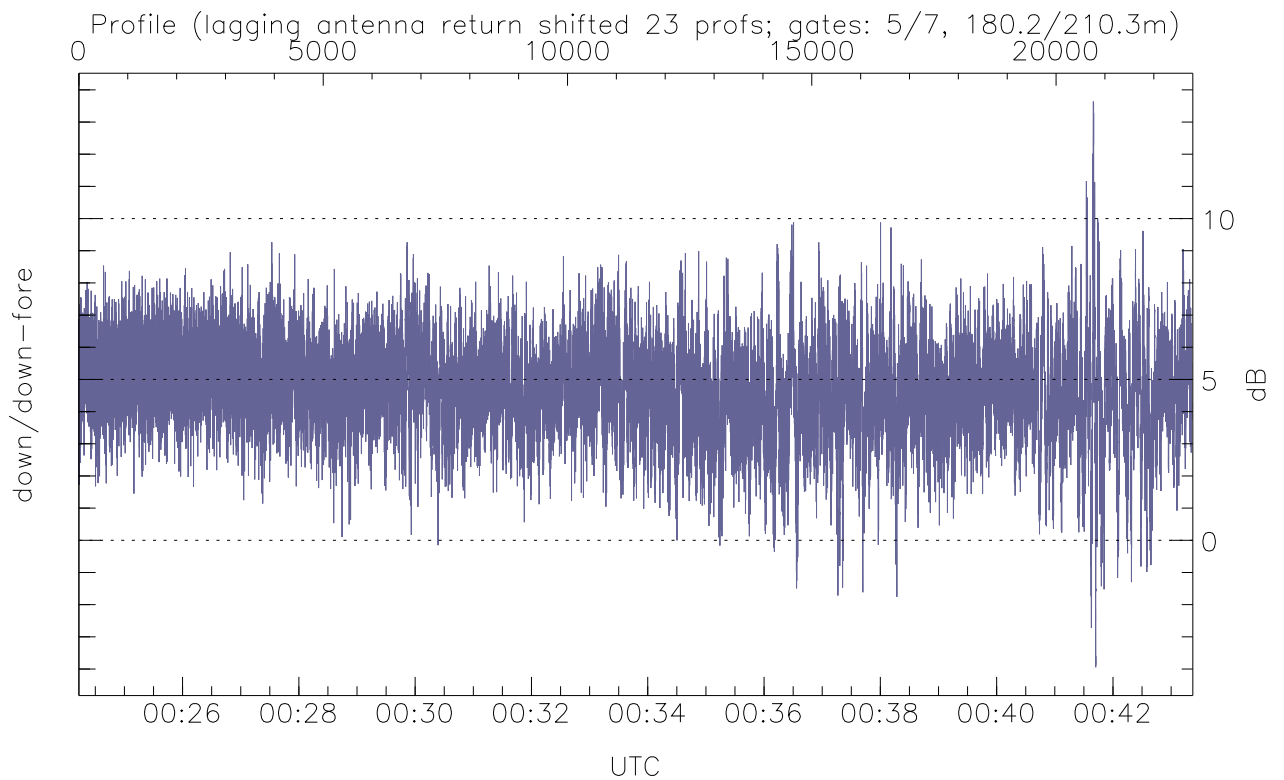
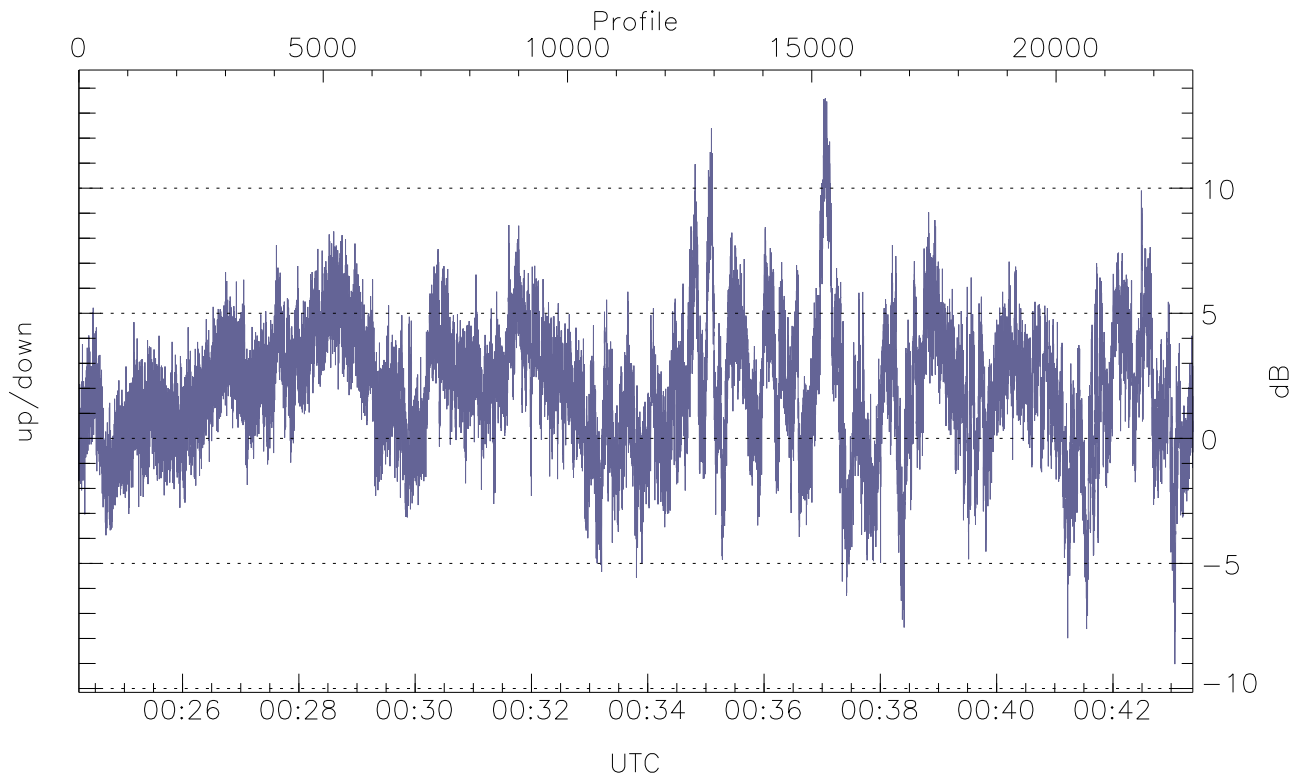


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



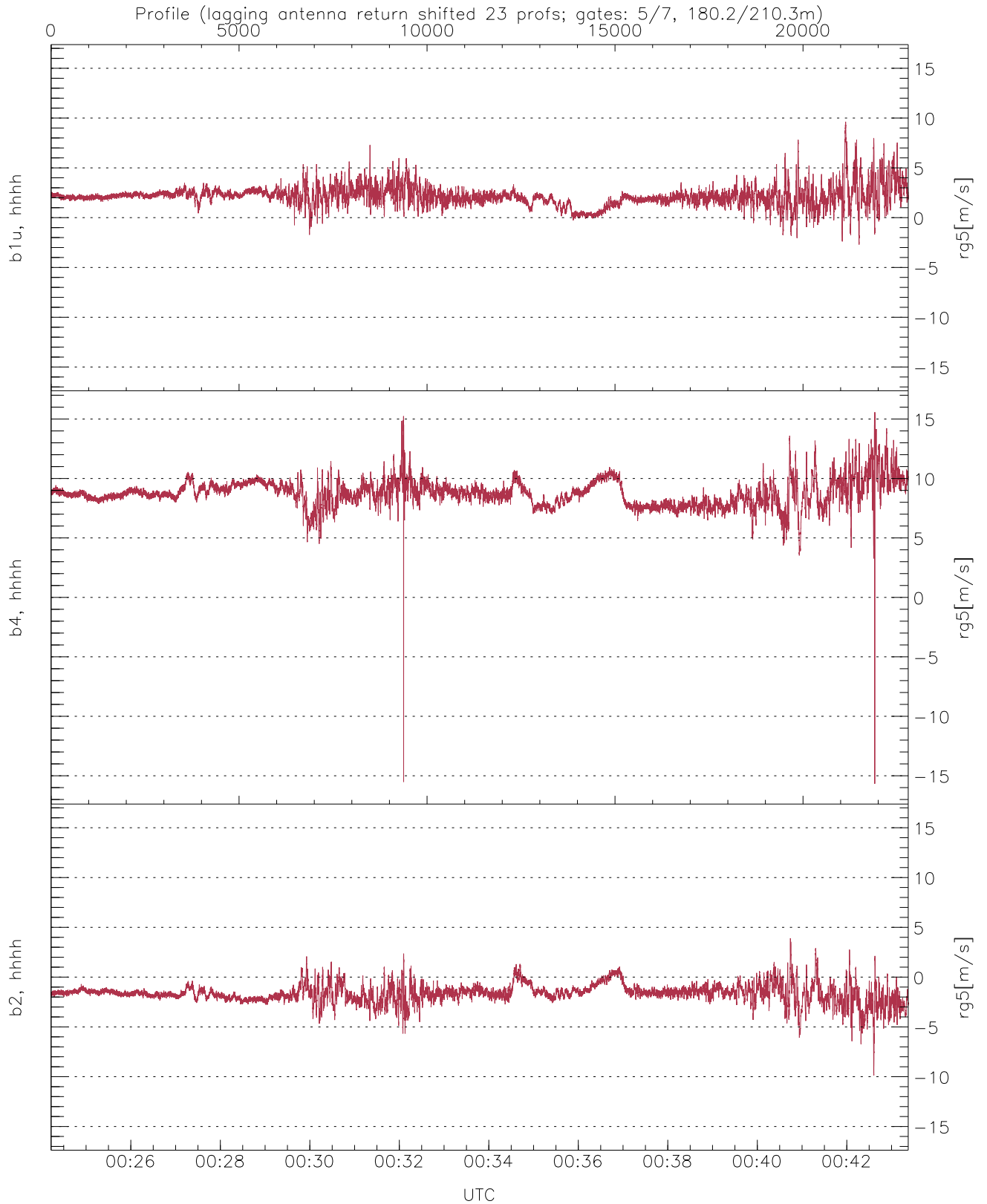
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-32.77	-11.45	-17.87
down-fore(hh[dBm])	-36.90	-15.90	-23.29
down(hh[dBm])	-34.40	-12.26	-19.81



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

	Min	Max	Mean
up/down (dB)	-9.02	13.59	1.97
down/down-fore (dB)	-3.95	13.64	4.70



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.70	9.63	2.13	1.02
b4, hhhh(rg5[m/s])	-15.67	15.58	8.75	1.18
b2, hhhh(rg5[m/s])	-9.86	3.90	-1.63	0.96