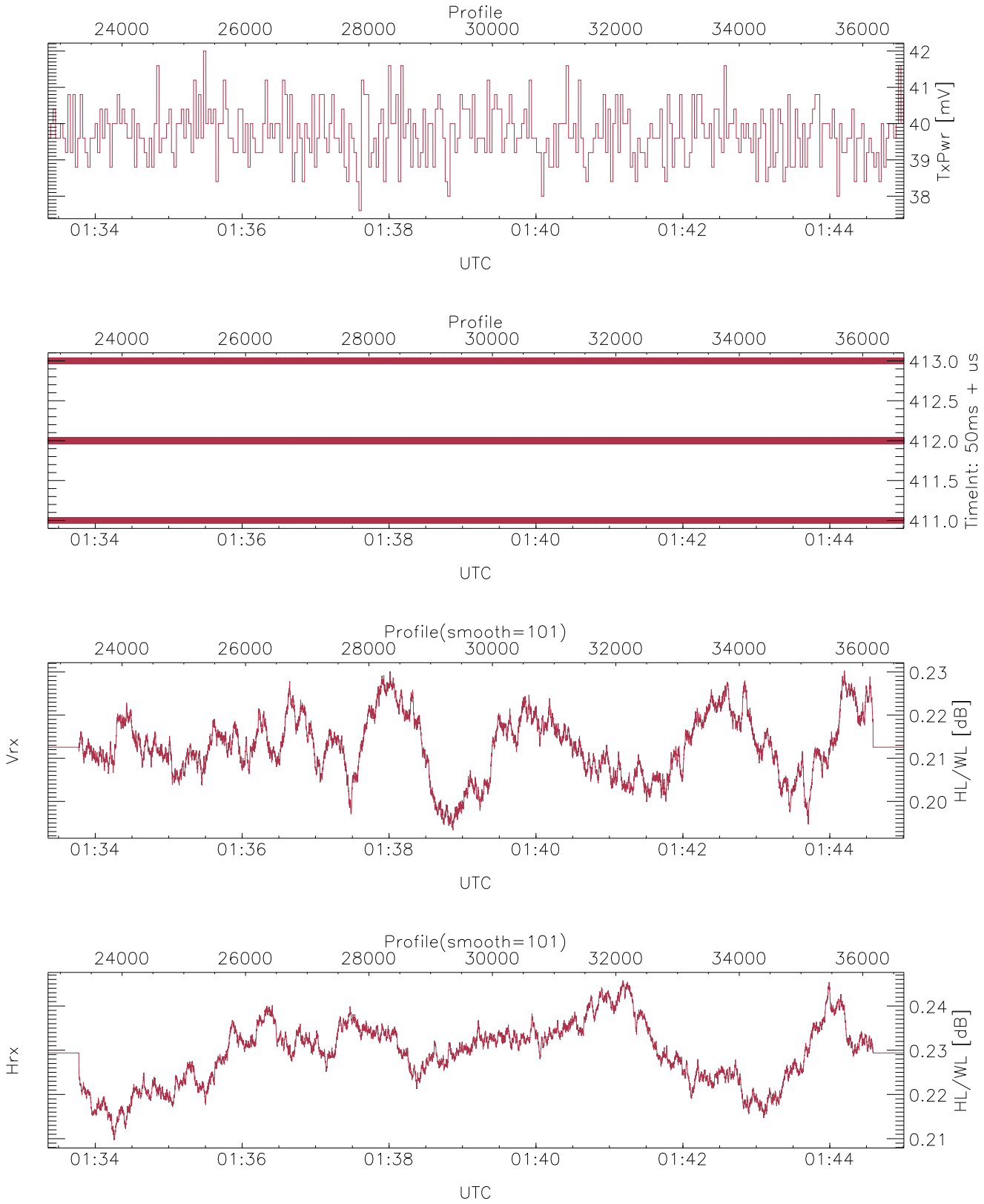
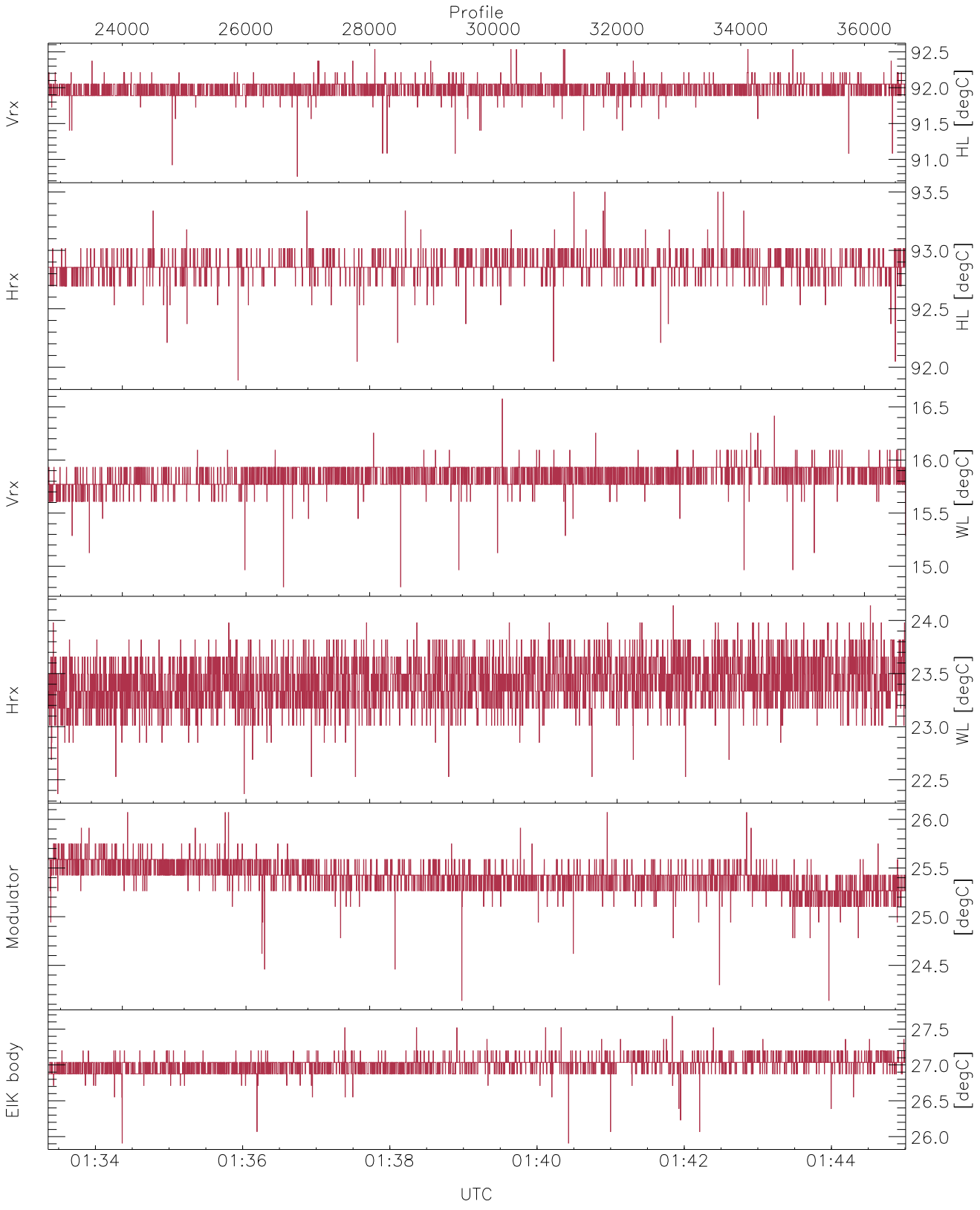


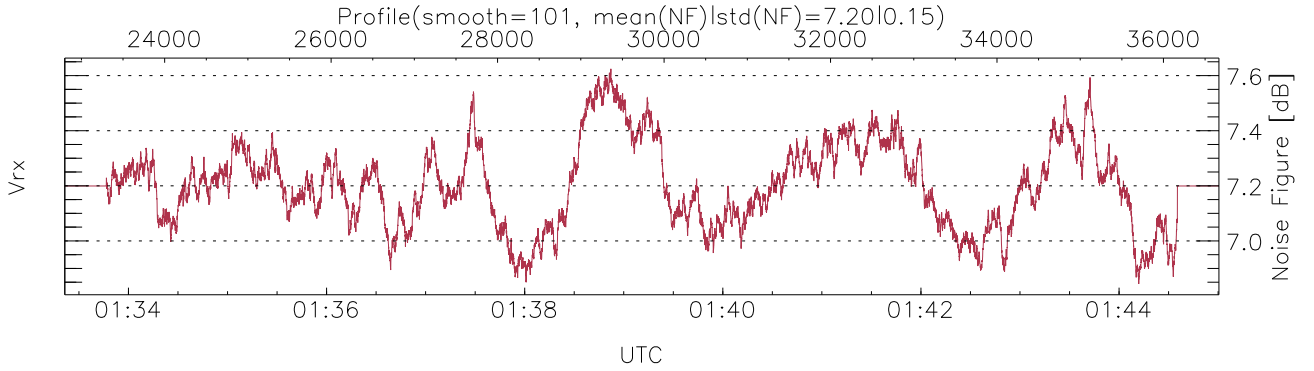
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

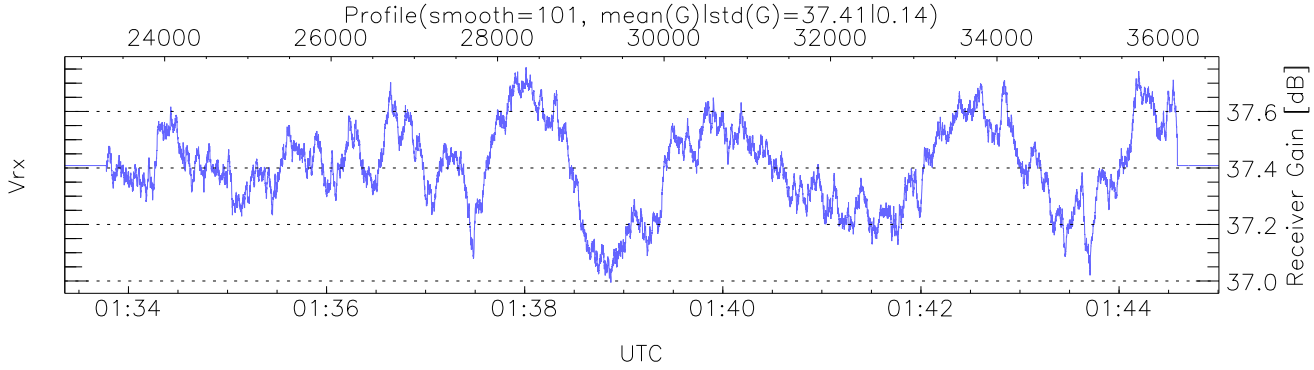
UTC: 01:14:12-01:45:01, Dur: 1848.48s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 13868/36668, 22800-36667/01:33:21-01:45:01
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

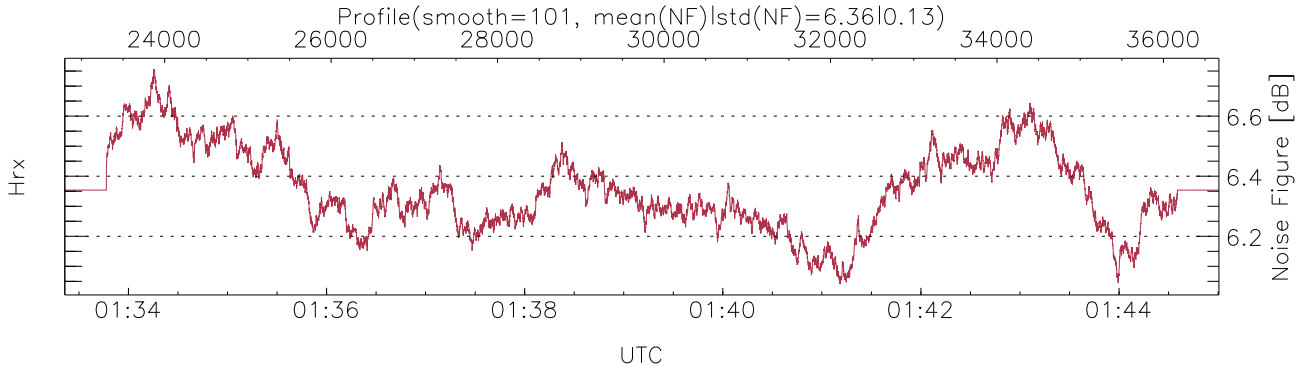


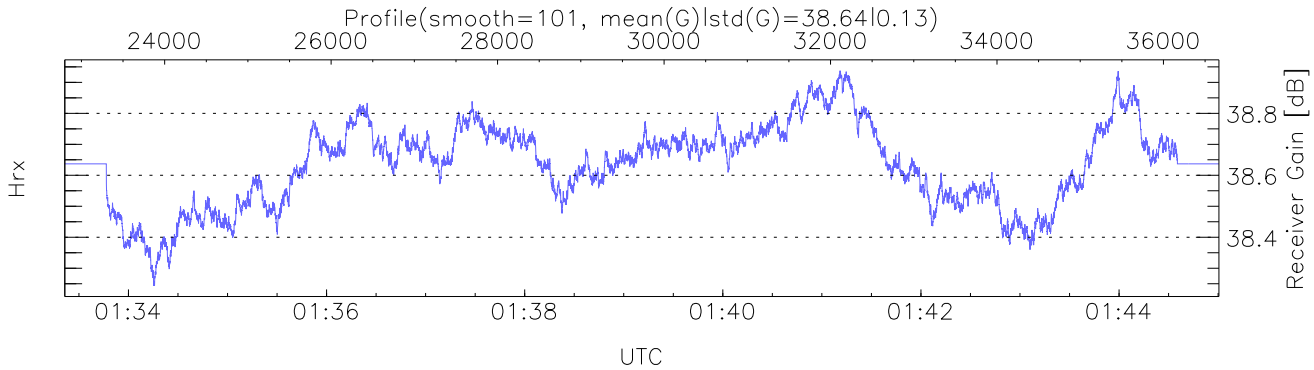
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,22,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,26,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
HVPS (30)



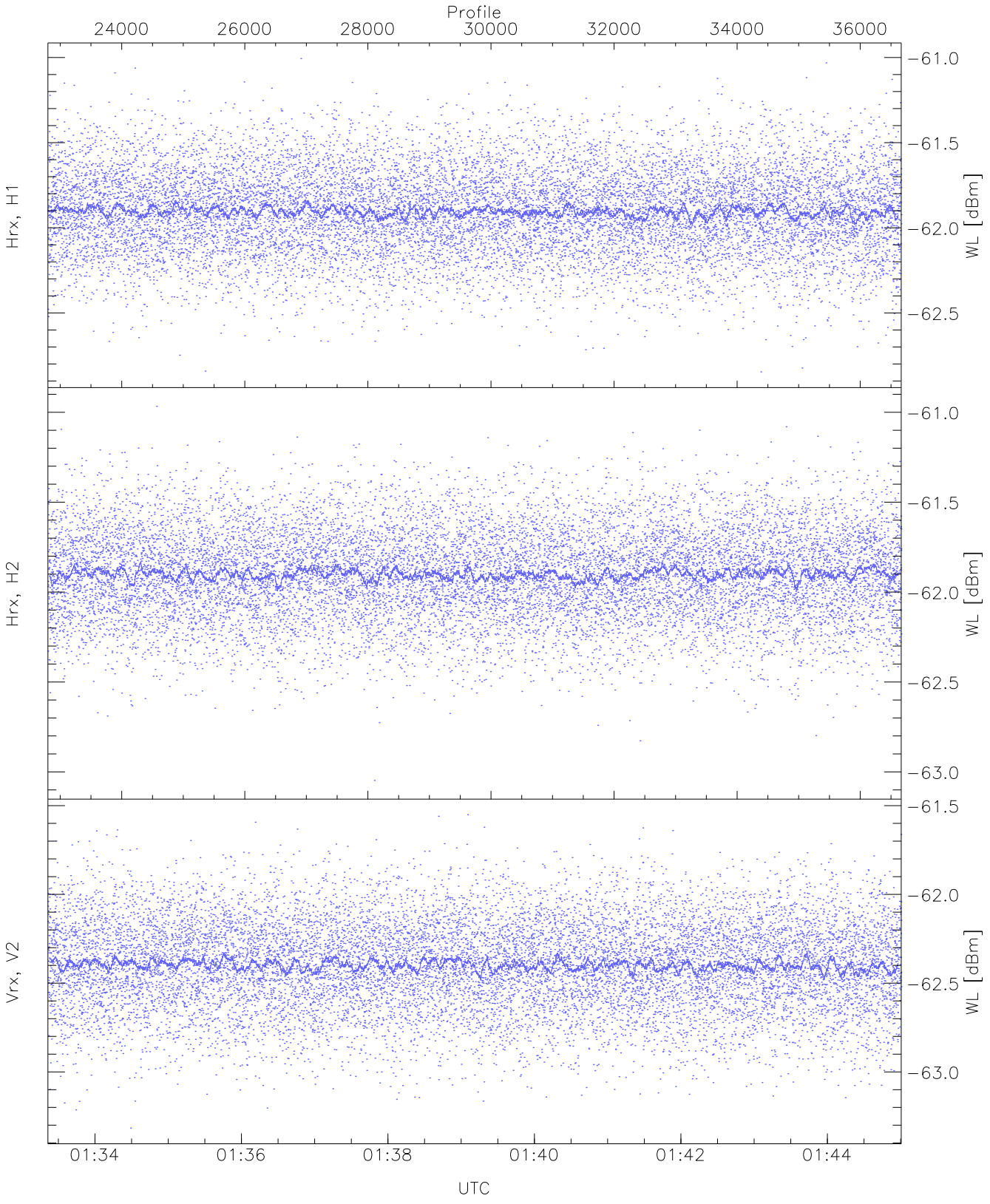






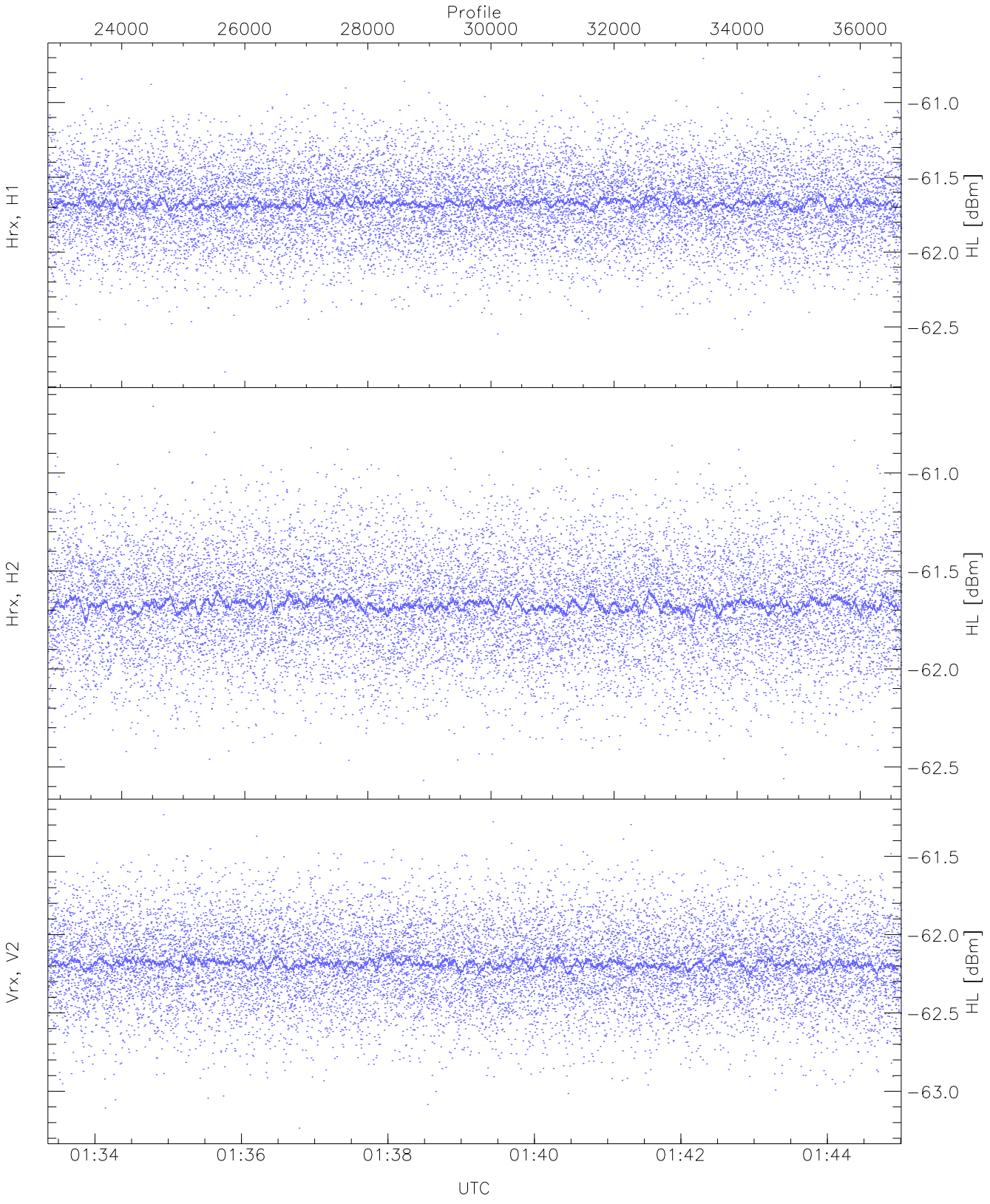
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 7640 pixs, 3 gates, 7640 profs, 1 prods



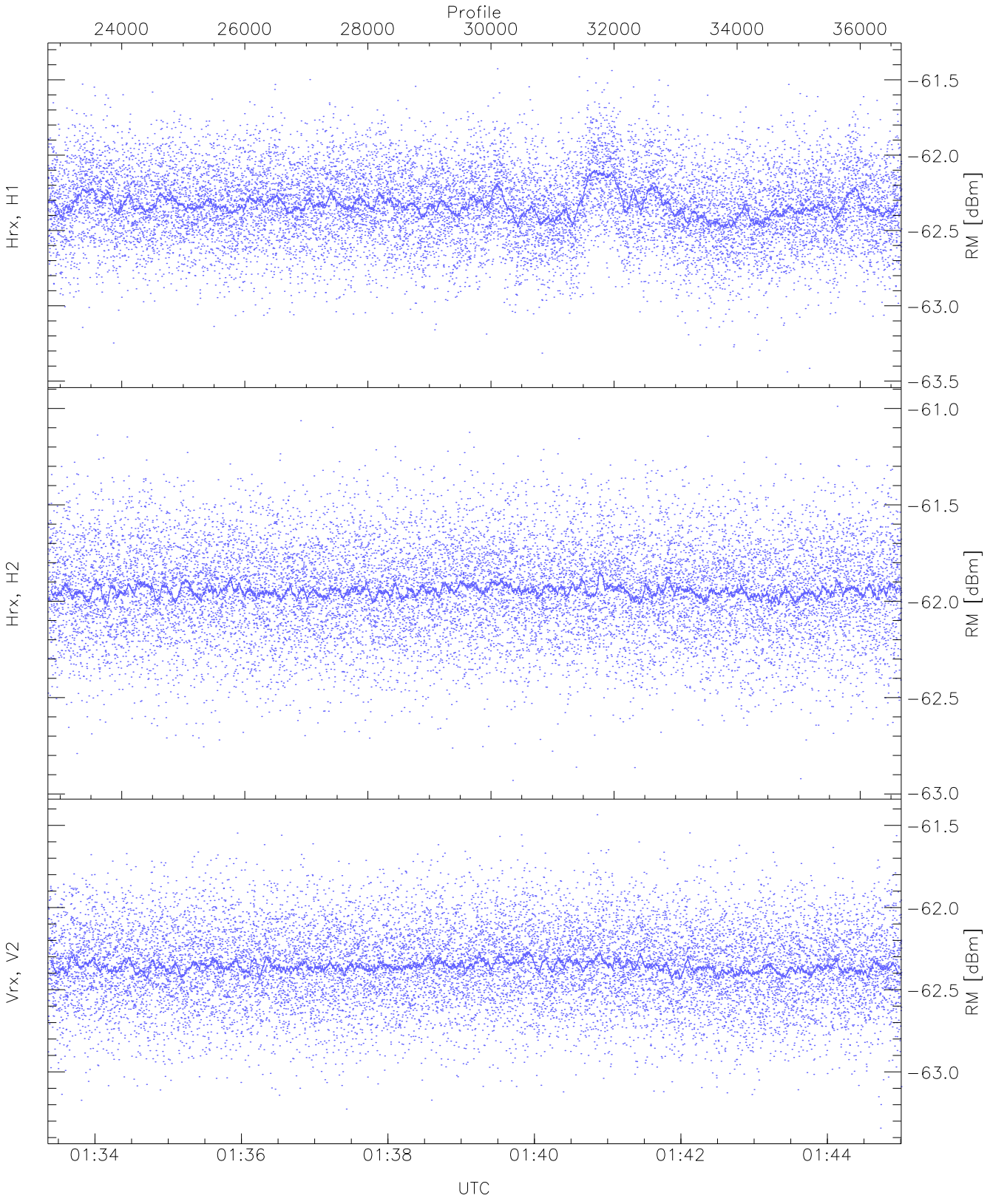
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.85	-61.01	-61.90	-61.91	-74.49
Hrx, H2(WL [dBm])	-63.05	-60.97	-61.90	-61.90	-74.48
Vrx, V2(WL [dBm])	-63.32	-61.55	-62.39	-62.40	-74.95



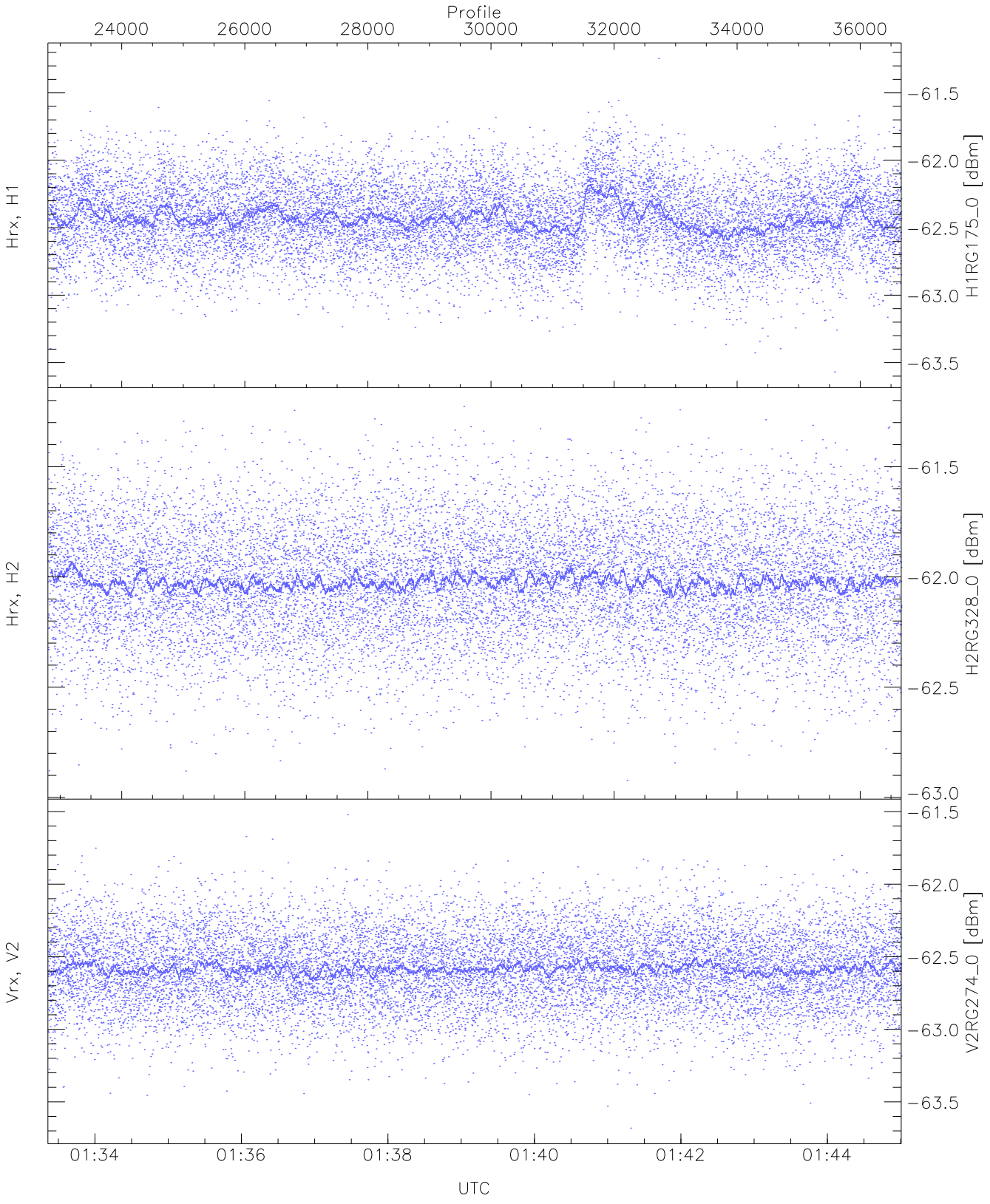
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.80	-60.71	-61.67	-61.67	-74.29
Hrx, H2(HL [dBm])	-62.57	-60.66	-61.67	-61.67	-74.24
Vrx, V2(HL [dBm])	-63.24	-61.23	-62.18	-62.19	-74.72



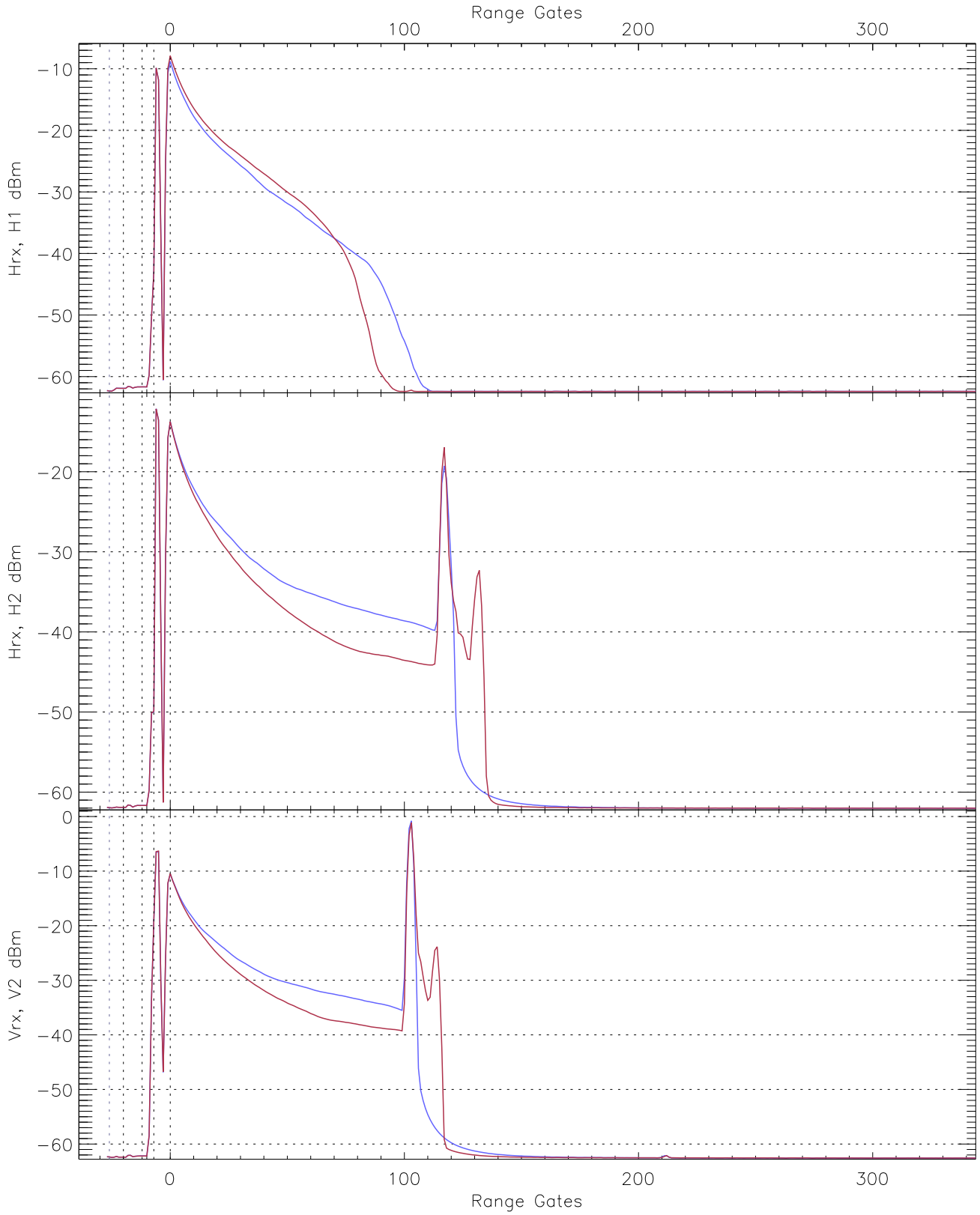
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.44	-61.36	-62.33	-62.34	-74.73
Hrx, H2(RM [dBm])	-62.93	-60.99	-61.94	-61.94	-74.52
Vrx, V2(RM [dBm])	-63.34	-61.44	-62.35	-62.36	-74.91

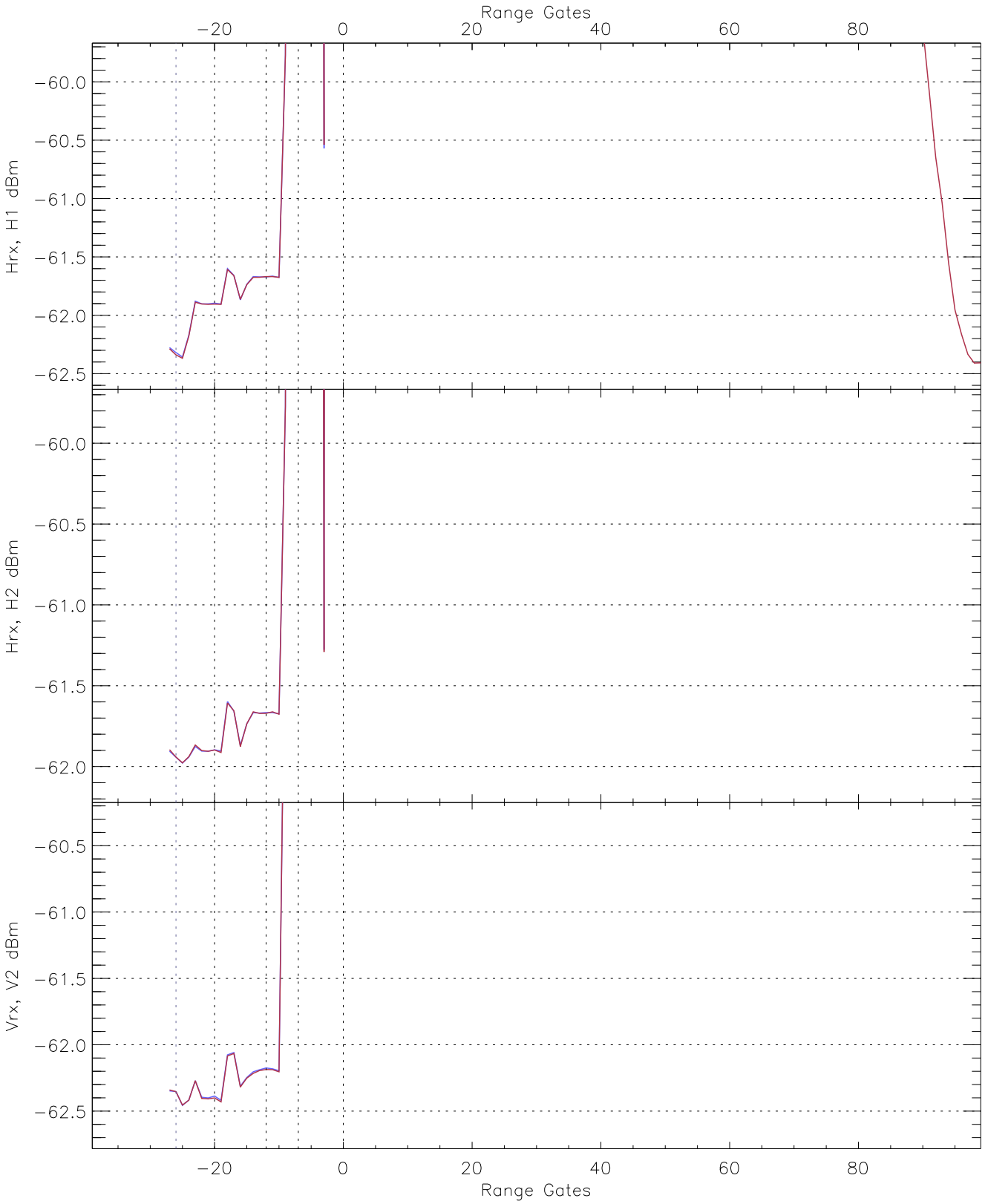


WCR2 CPP "Best" estimate Receivers Noise Power

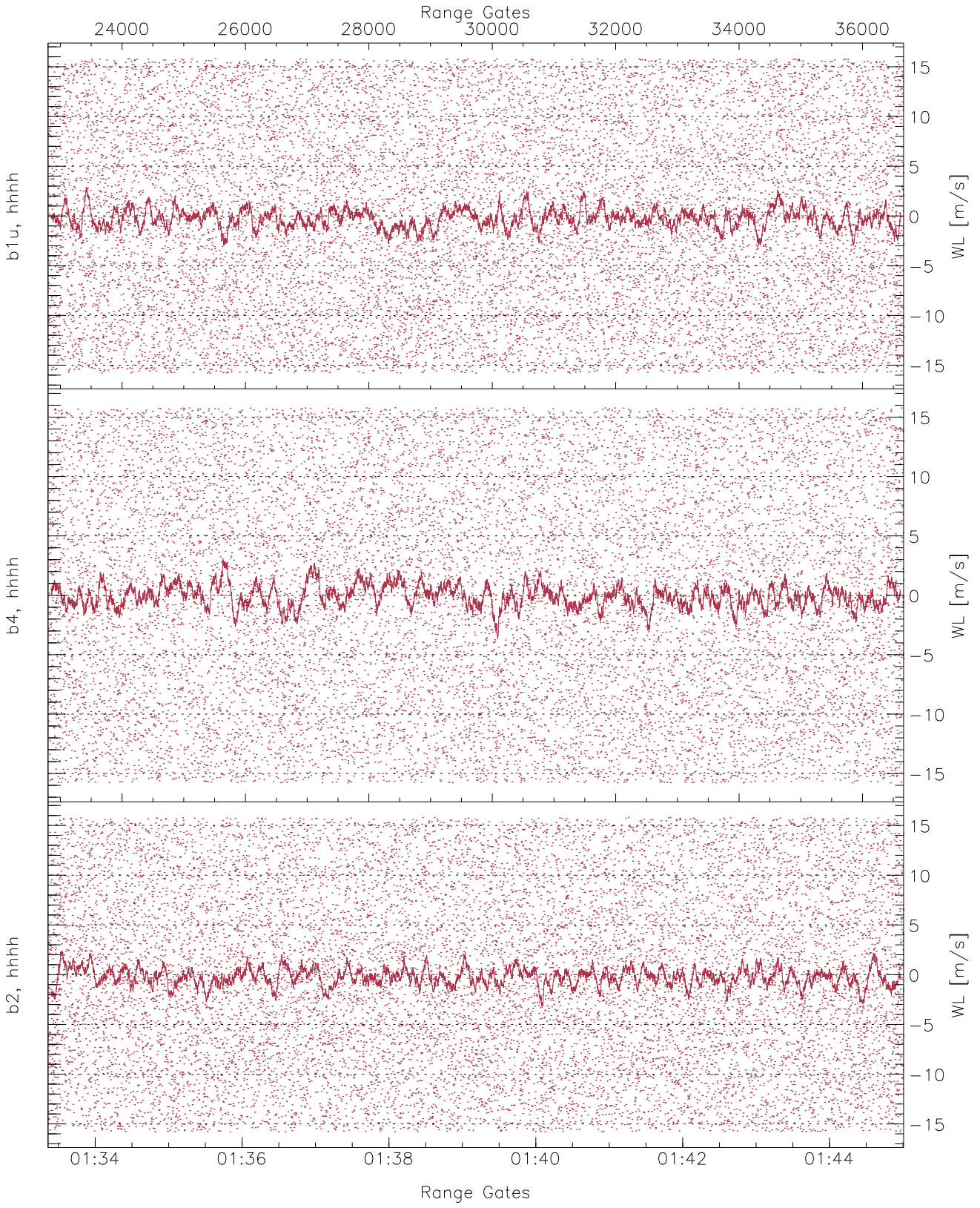
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.57	-61.25	-62.43	-62.43	-74.78
H2RG328_0 [dBm]	-62.92	-61.23	-62.02	-62.02	-74.63
V2RG274_0 [dBm]	-63.68	-61.52	-62.58	-62.59	-75.10



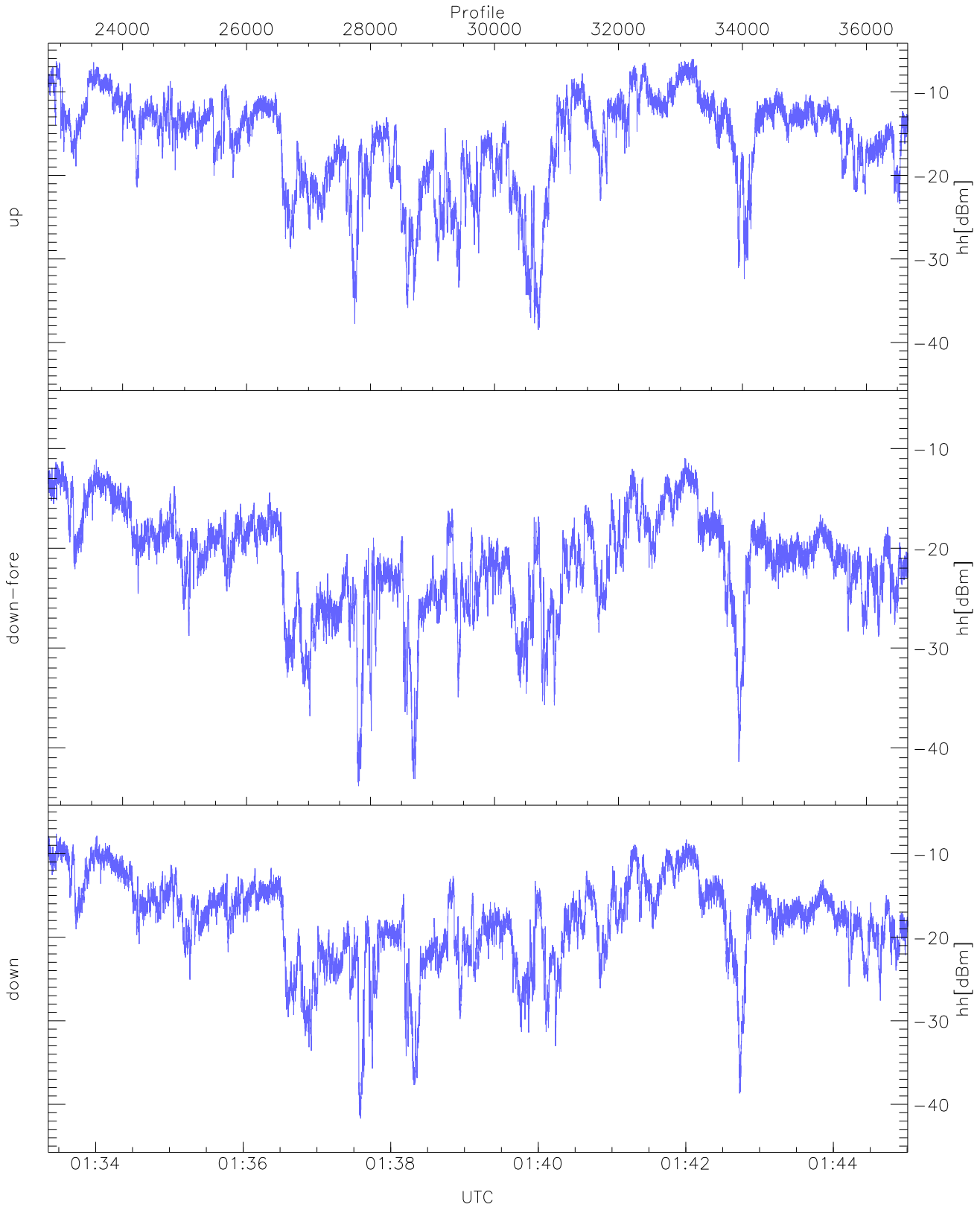
WCR2 CPP Averaged Received power for all recorded gates
blue: 013321-013911, 6935 profiles averaged
red: 013911-014501, 6934 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 013321-013911, 6935 profiles averaged
red: 013911-014501, 6934 profiles averaged

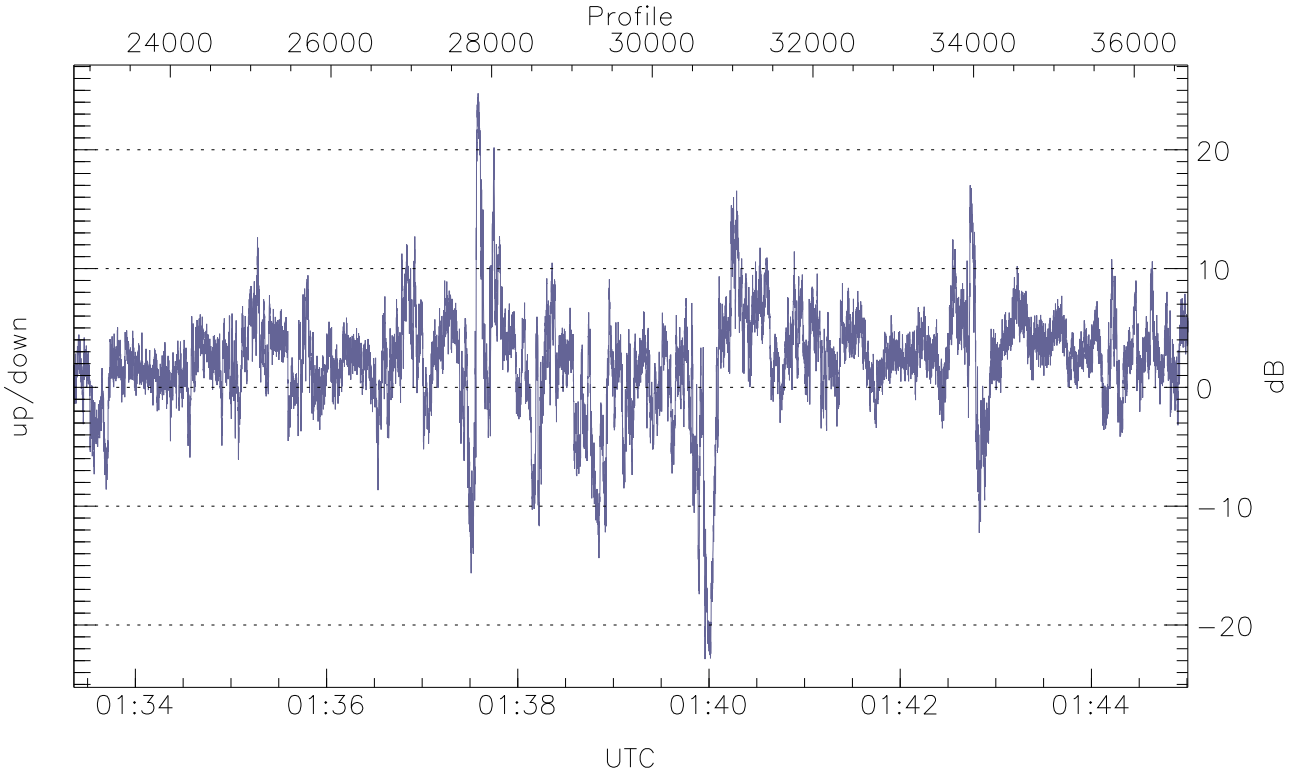


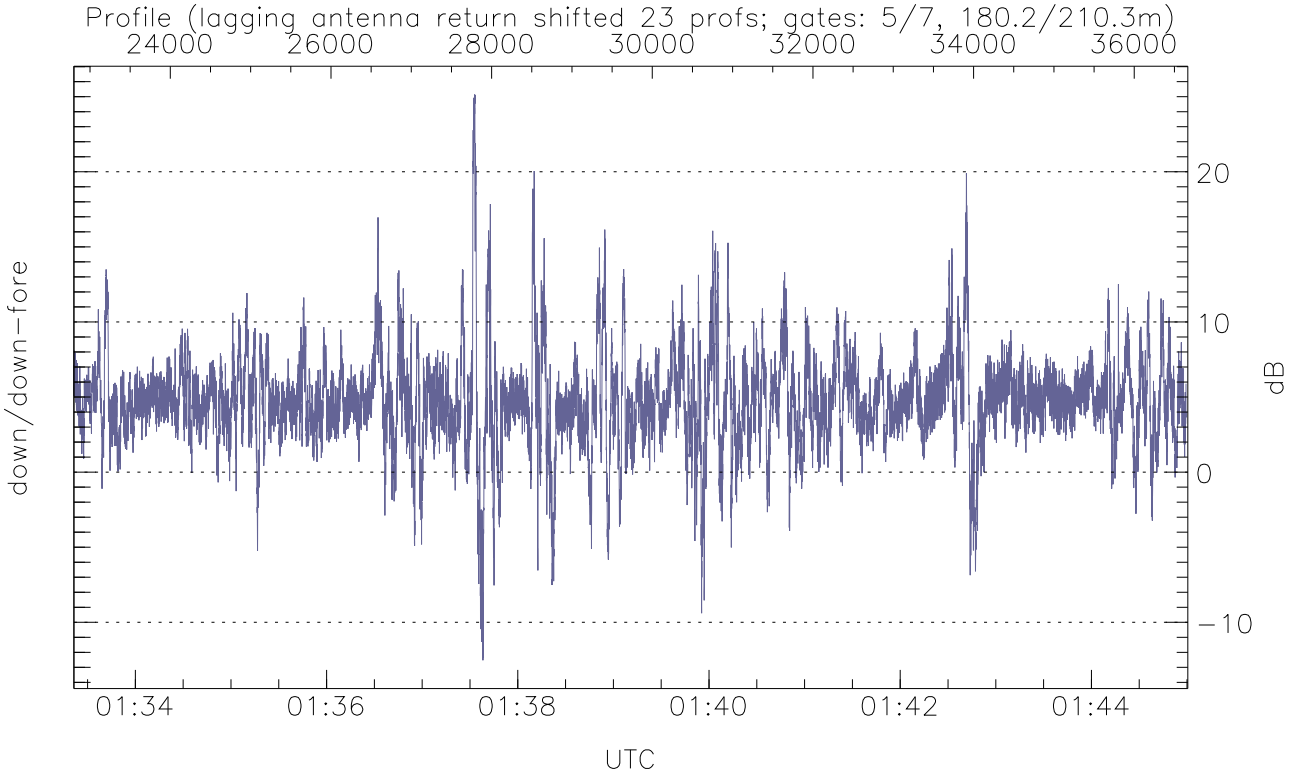
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

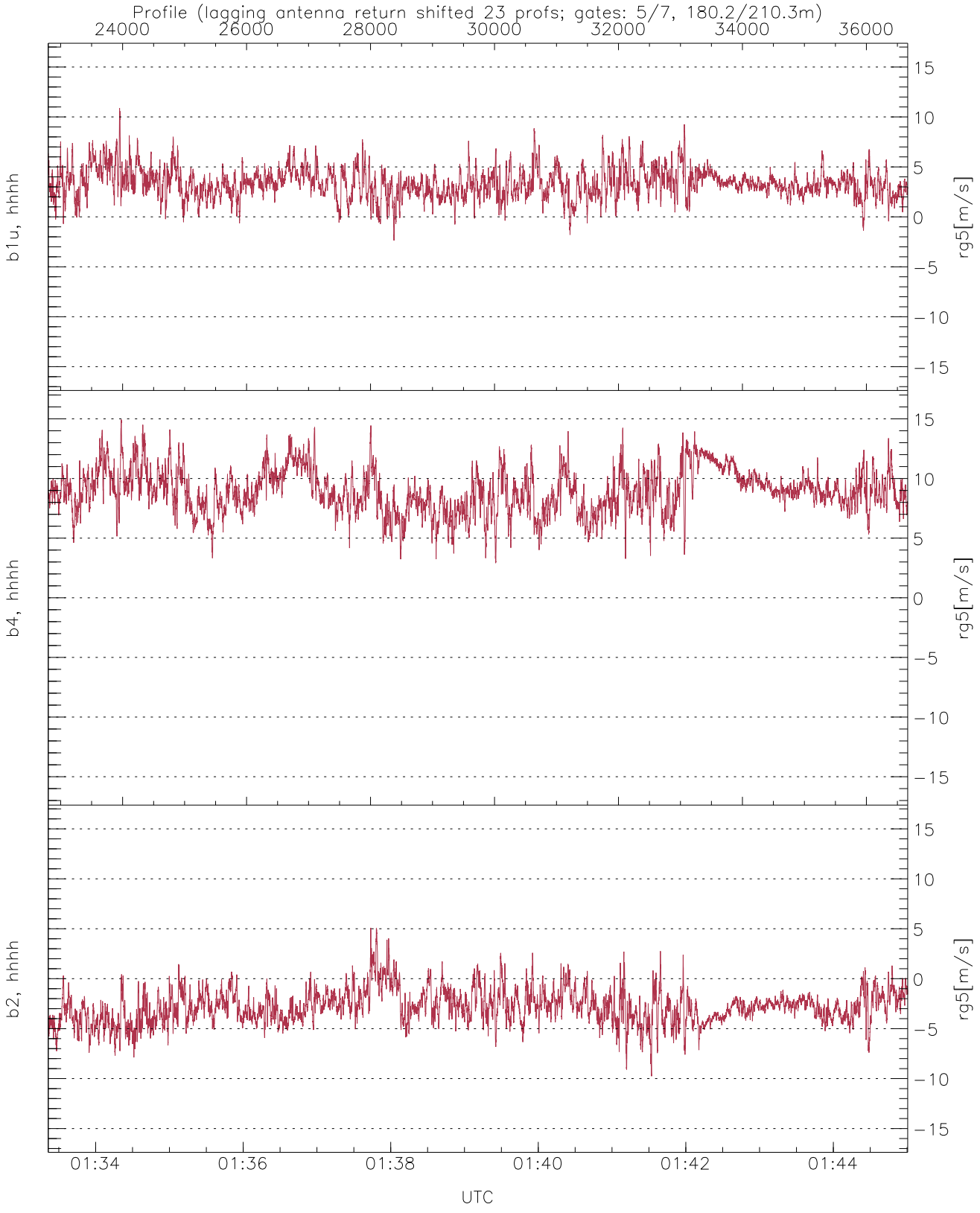
	Min	Max	Mean
up(hh[dBm])	-38.50	-6.07	-13.45
down-fore(hh[dBm])	-43.86	-10.95	-18.97
down(hh[dBm])	-41.70	-7.63	-15.72





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

	Min	Max	Mean
up/down(dB)	-22.87	24.75	2.14
down/down-fore(dB)	-12.53	25.15	4.74



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.37	10.90	3.37	1.47
b4, hhhh(rg5[m/s])	2.91	14.94	8.95	1.84
b2, hhhh(rg5[m/s])	-9.76	5.09	-2.79	1.67