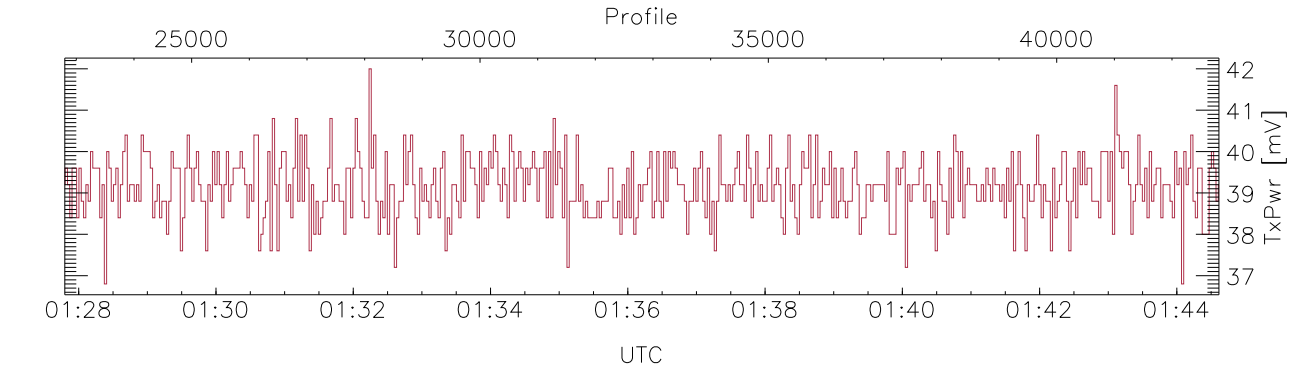
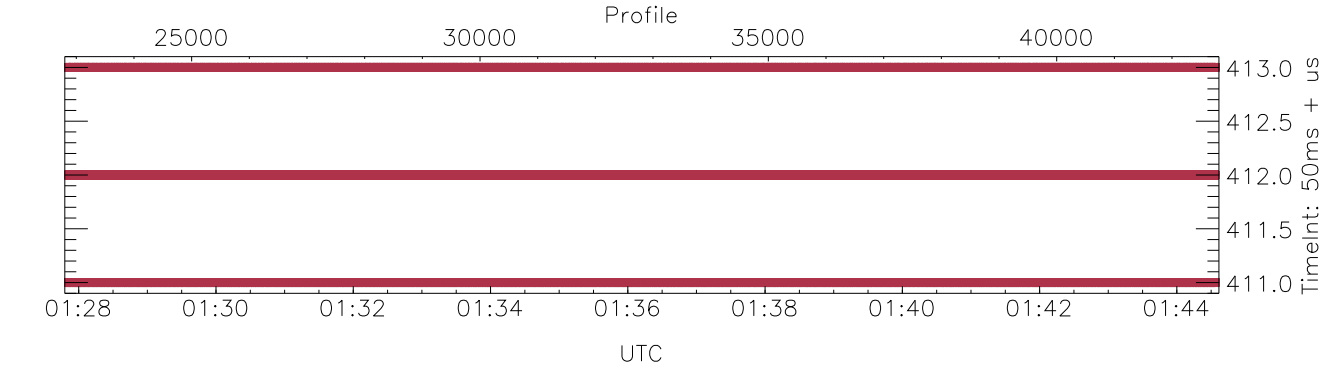
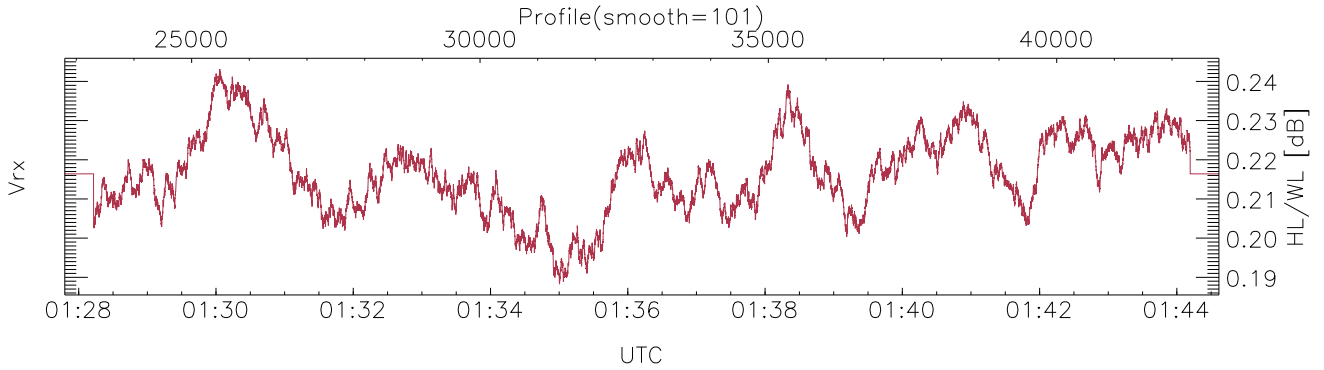
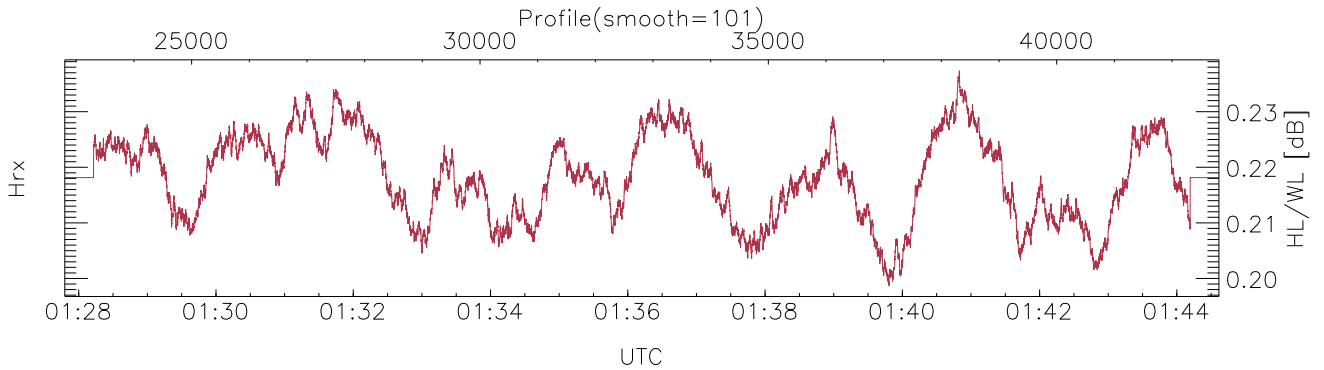


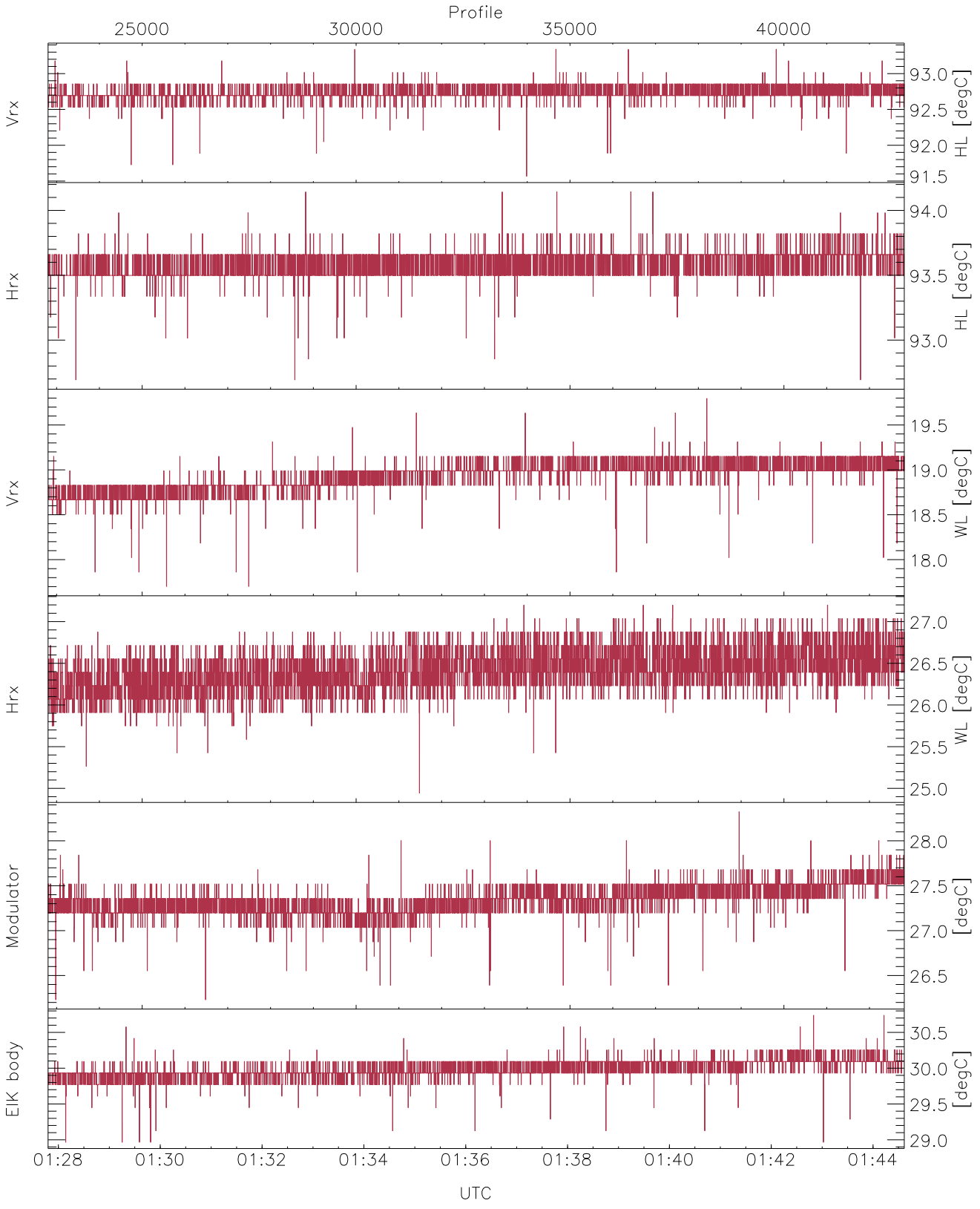






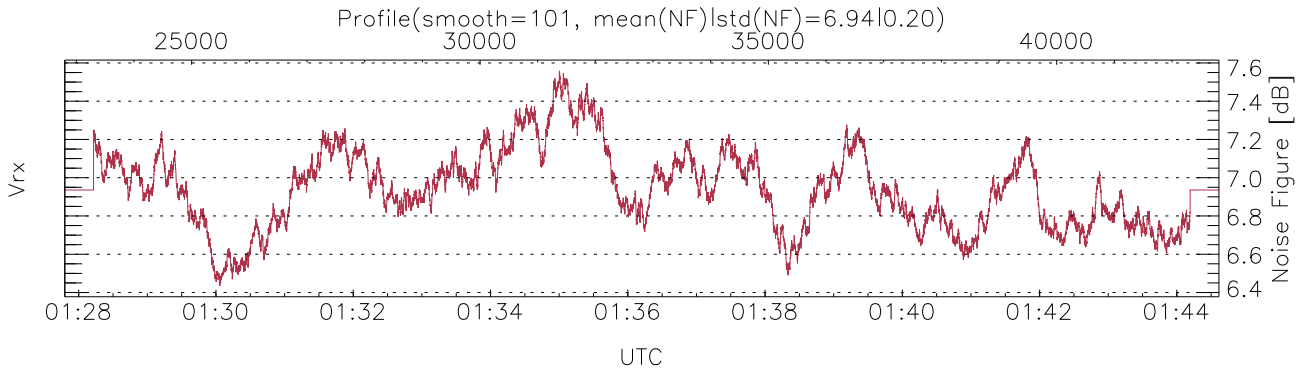
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

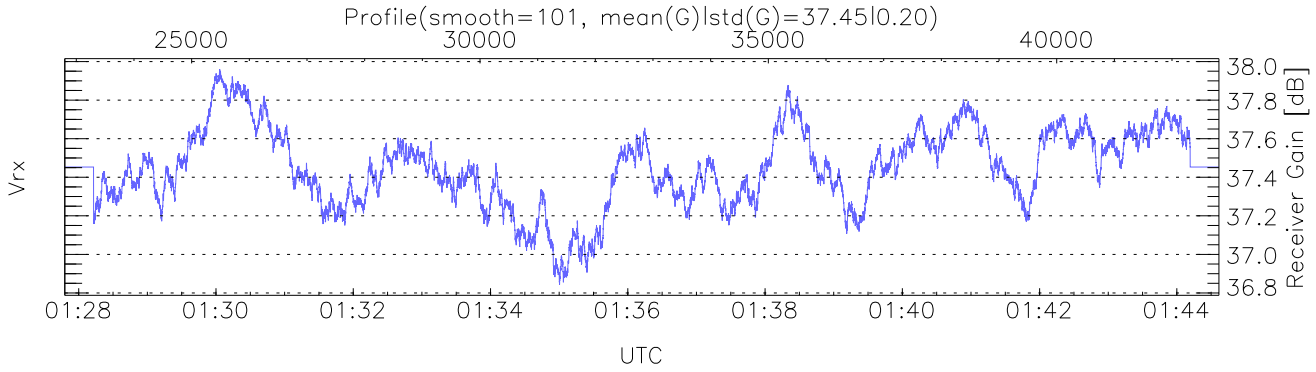
UTC: 01:08:38-01:44:37, Dur: 2158.36s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 20015/42815, 22800-42814/01:27:48-01:44:37
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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|sideup|error): 1

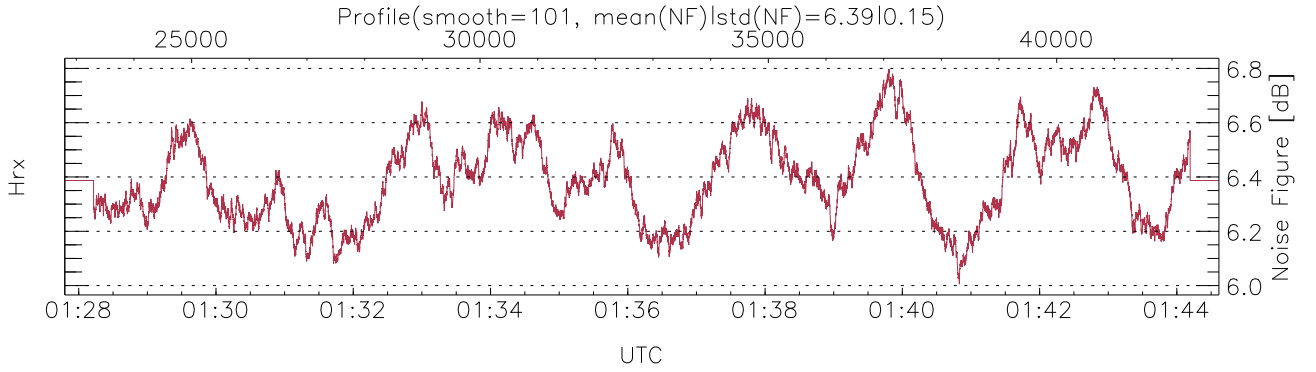


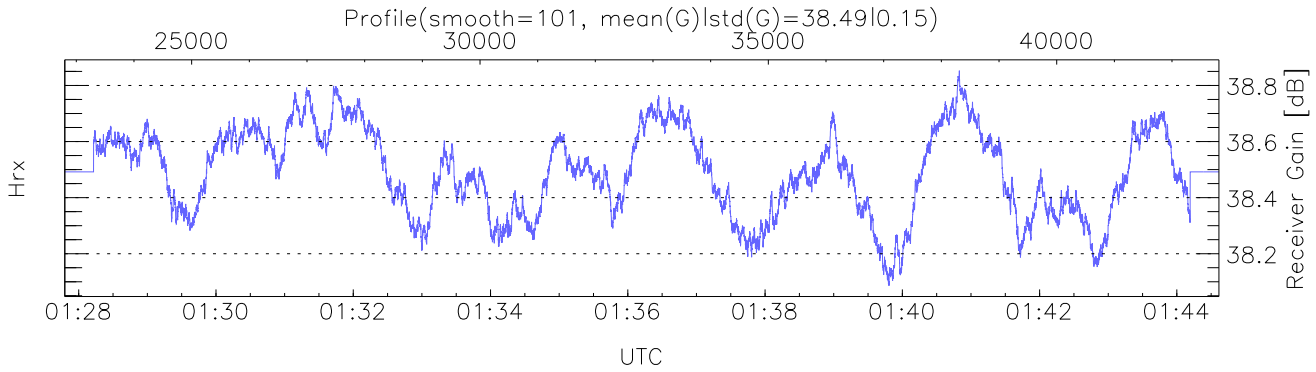
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,26,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,27,28,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,15,5,15)



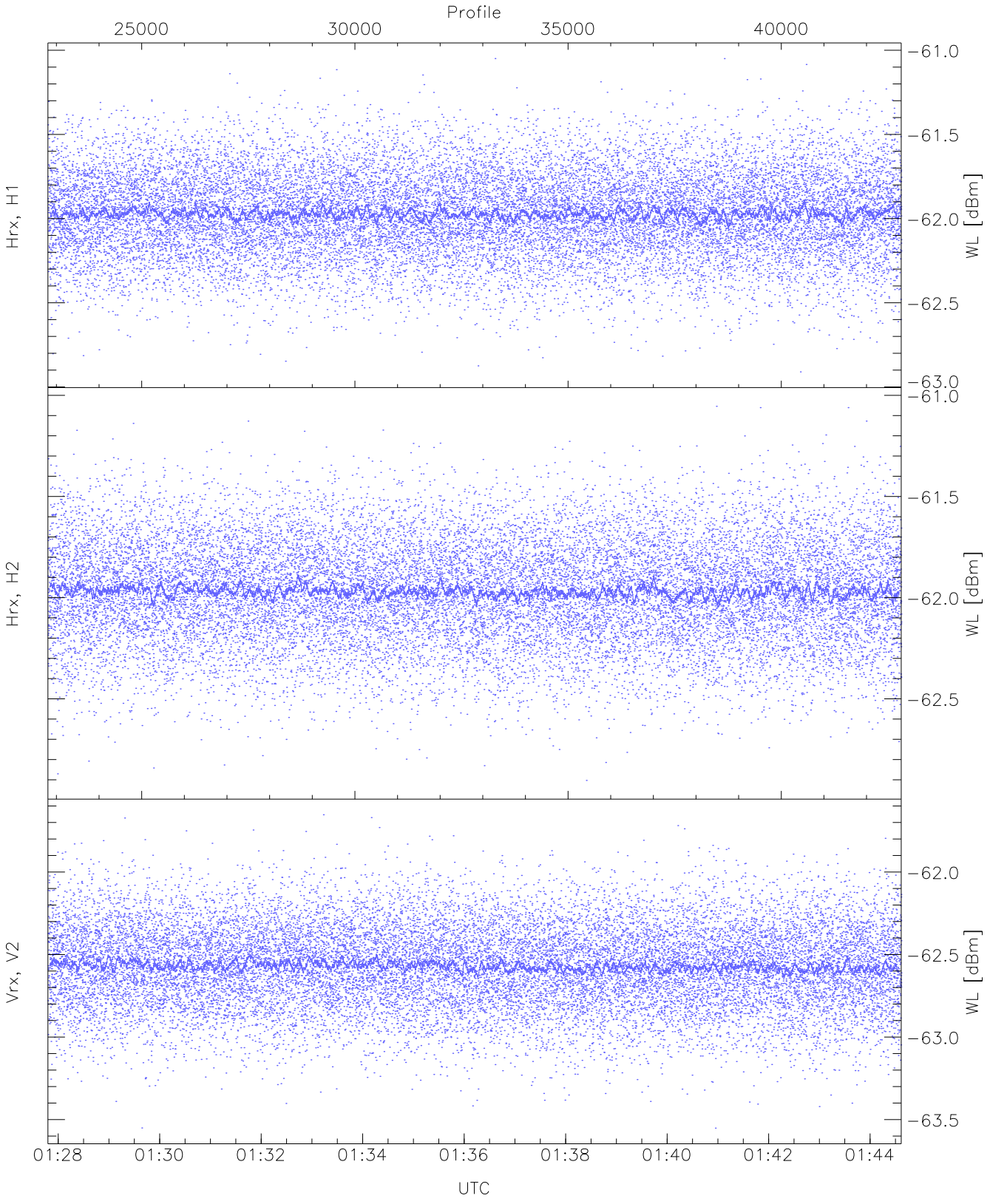






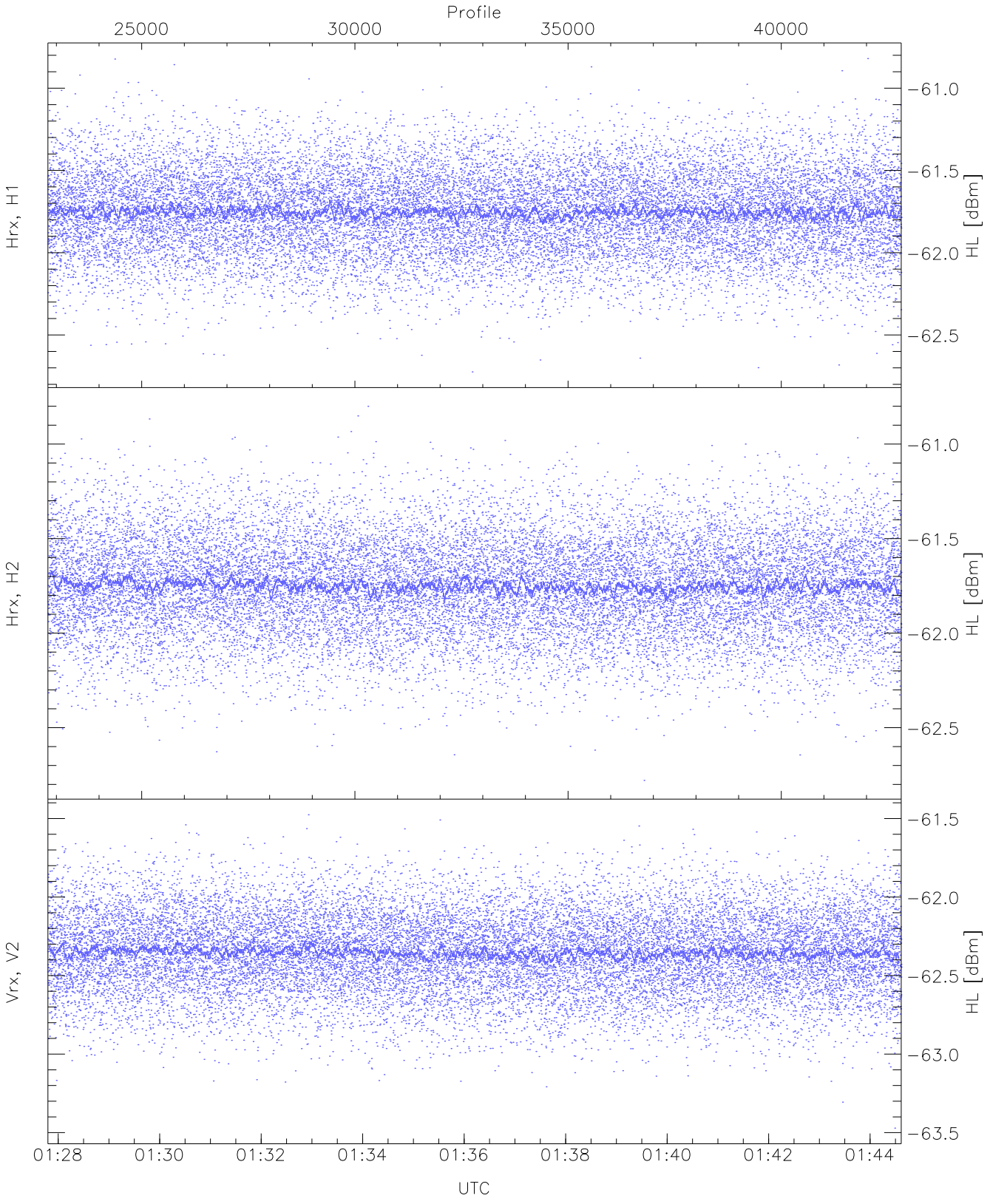
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 15817 pixs, 5 gates, 15817 profs, 1 prods



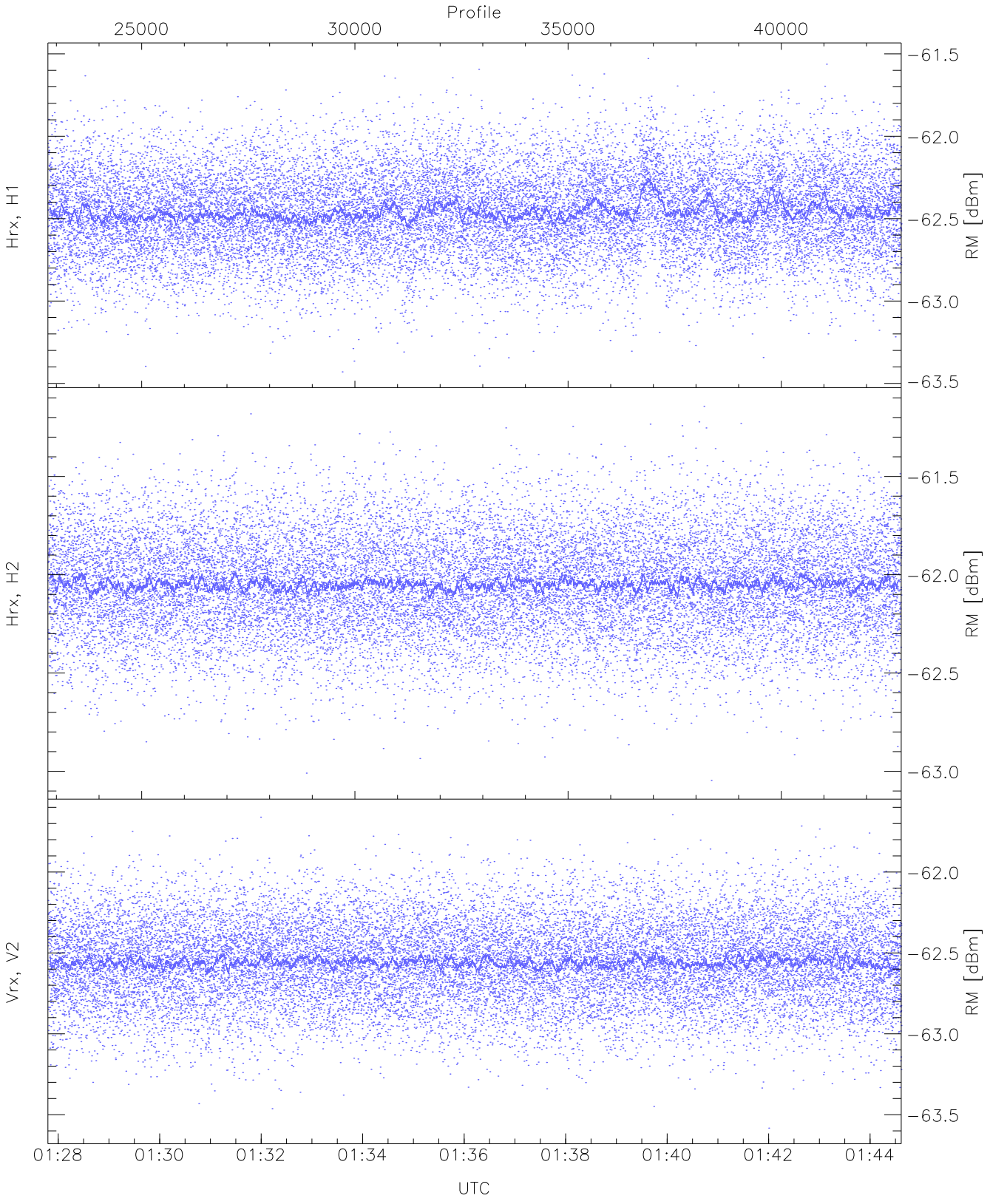
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.91	-61.05	-61.97	-61.97	-74.54
Hrx, H2(WL [dBm])	-62.90	-61.05	-61.97	-61.97	-74.54
Vrx, V2(WL [dBm])	-63.55	-61.65	-62.57	-62.57	-75.15



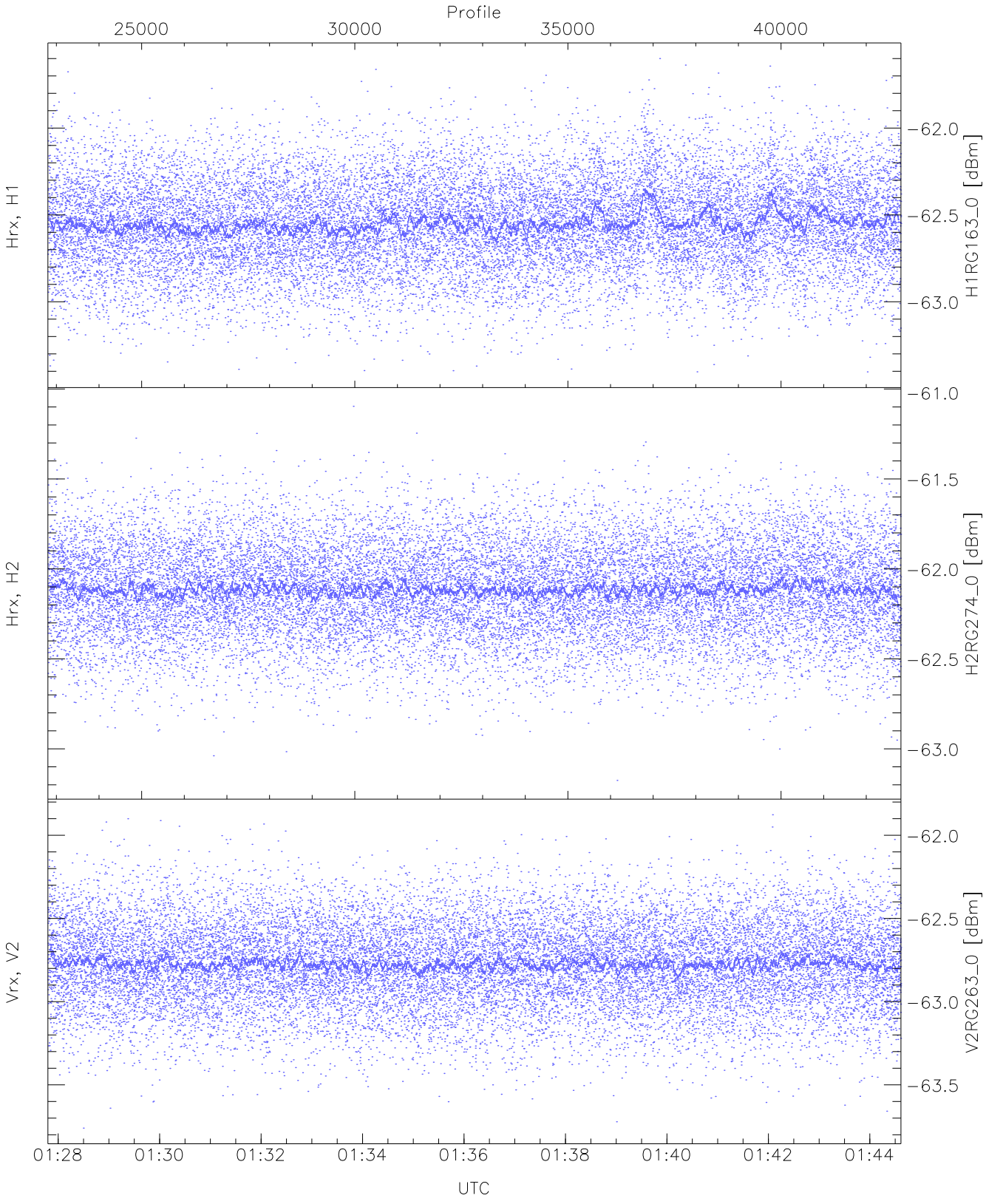
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.72	-60.82	-61.75	-61.75	-74.34
Hrx, H2(HL [dBm])	-62.78	-60.80	-61.75	-61.75	-74.34
Vrx, V2(HL [dBm])	-63.47	-61.48	-62.35	-62.35	-74.92



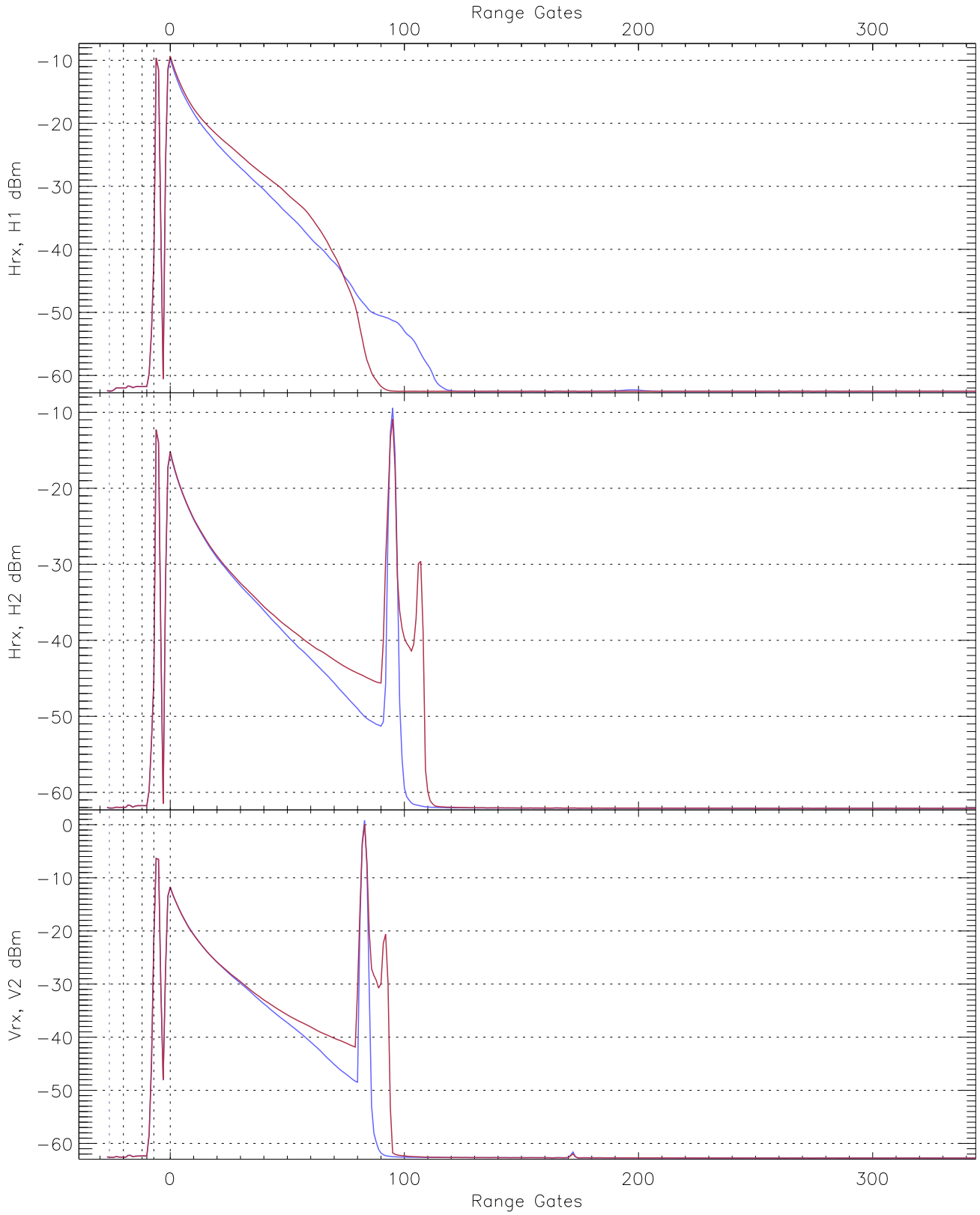
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.43	-61.53	-62.46	-62.46	-74.97
Hrx, H2(RM [dBm])	-63.05	-61.14	-62.04	-62.05	-74.66
Vrx, V2(RM [dBm])	-63.58	-61.65	-62.55	-62.56	-75.10

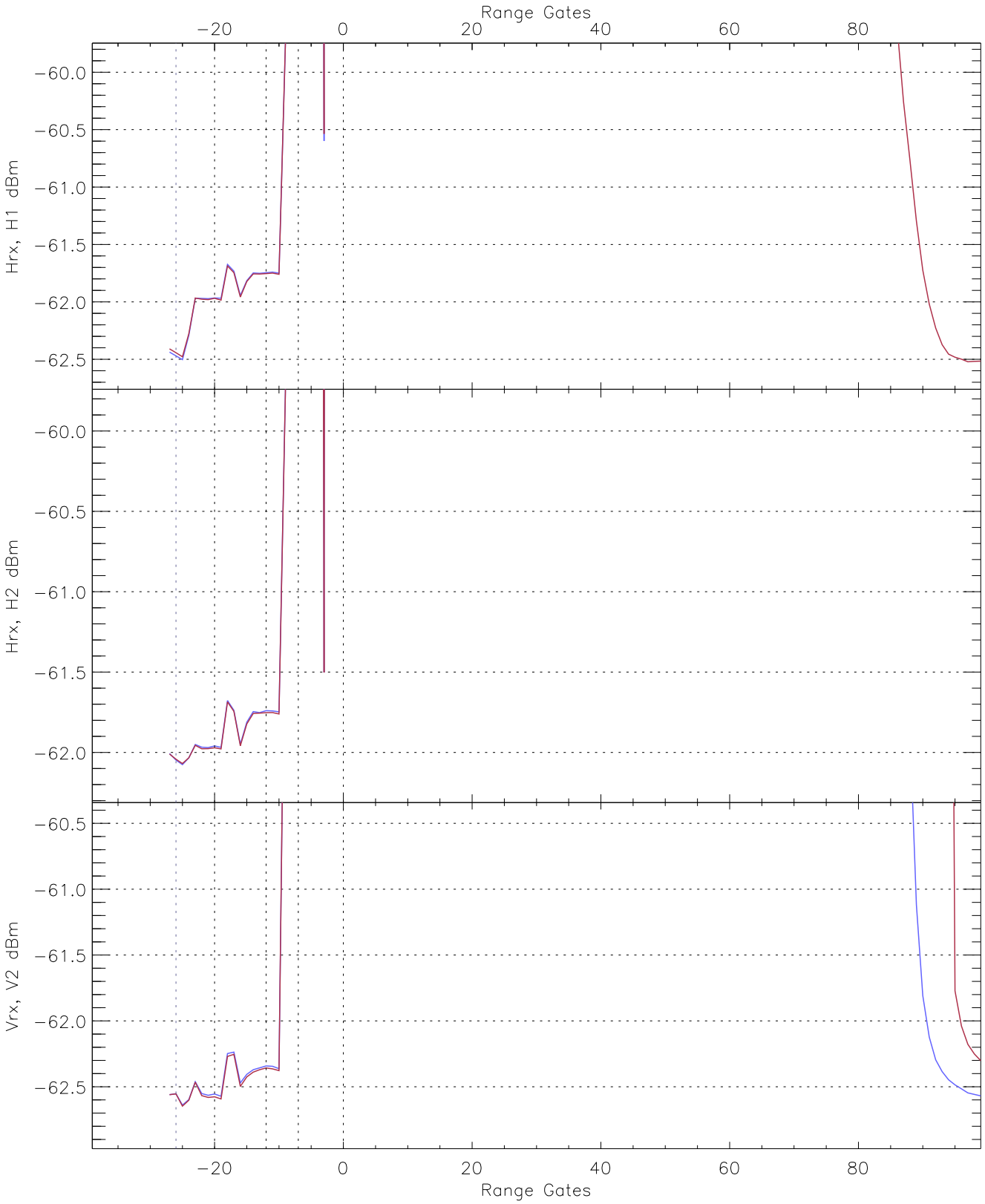


WCR2 CPP "Best" estimate Receivers Noise Power

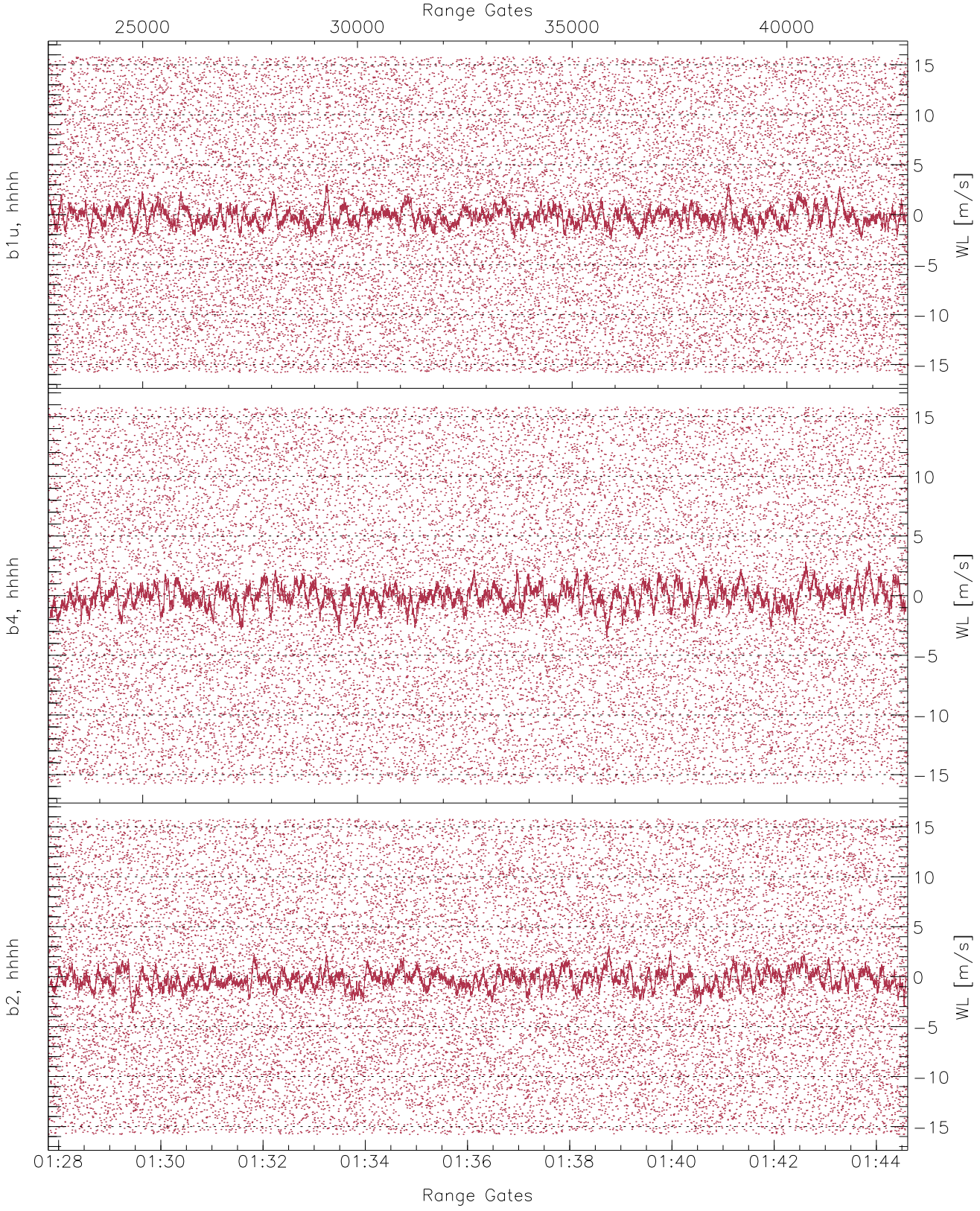
	Min	Max	Mean	Median	StDev
H1RG163_0 [dBm]	-63.40	-61.60	-62.55	-62.55	-75.02
H2RG274_0 [dBm]	-63.18	-61.10	-62.11	-62.11	-74.71
V2RG263_0 [dBm]	-63.76	-61.88	-62.77	-62.77	-75.32



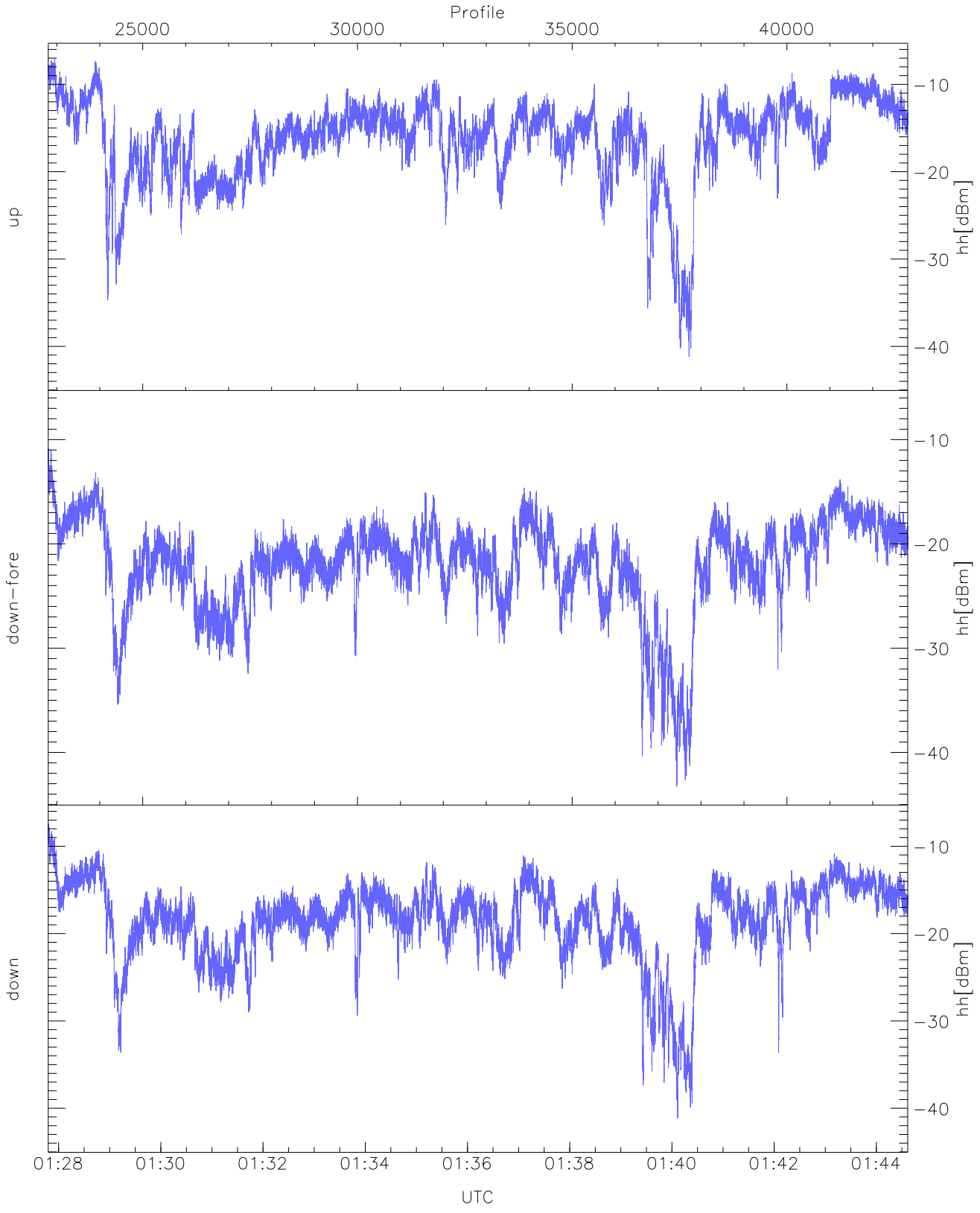
WCR2 CPP Averaged Received power for all recorded gates
blue: 012748-013612, 10008 profiles averaged
red: 013612-014437, 10008 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 012748-013612, 10008 profiles averaged
red: 013612-014437, 10008 profiles averaged

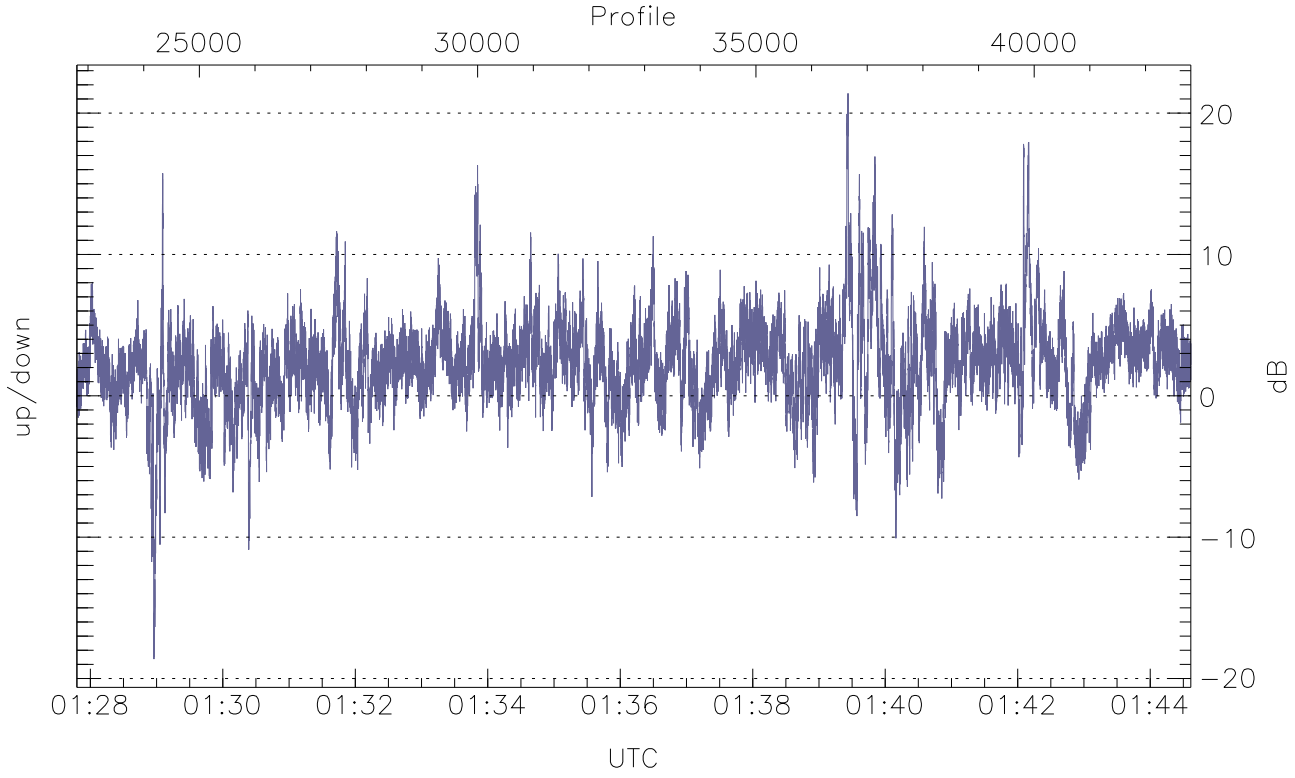


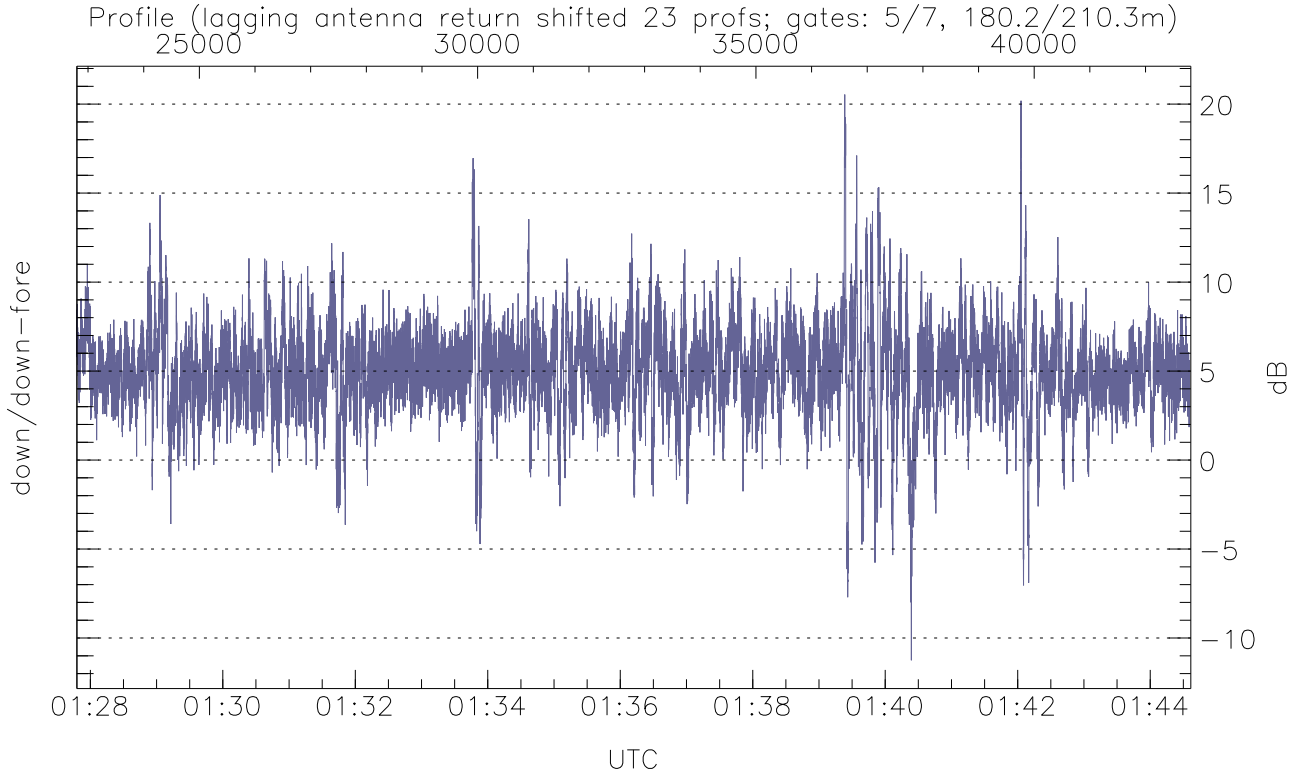
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

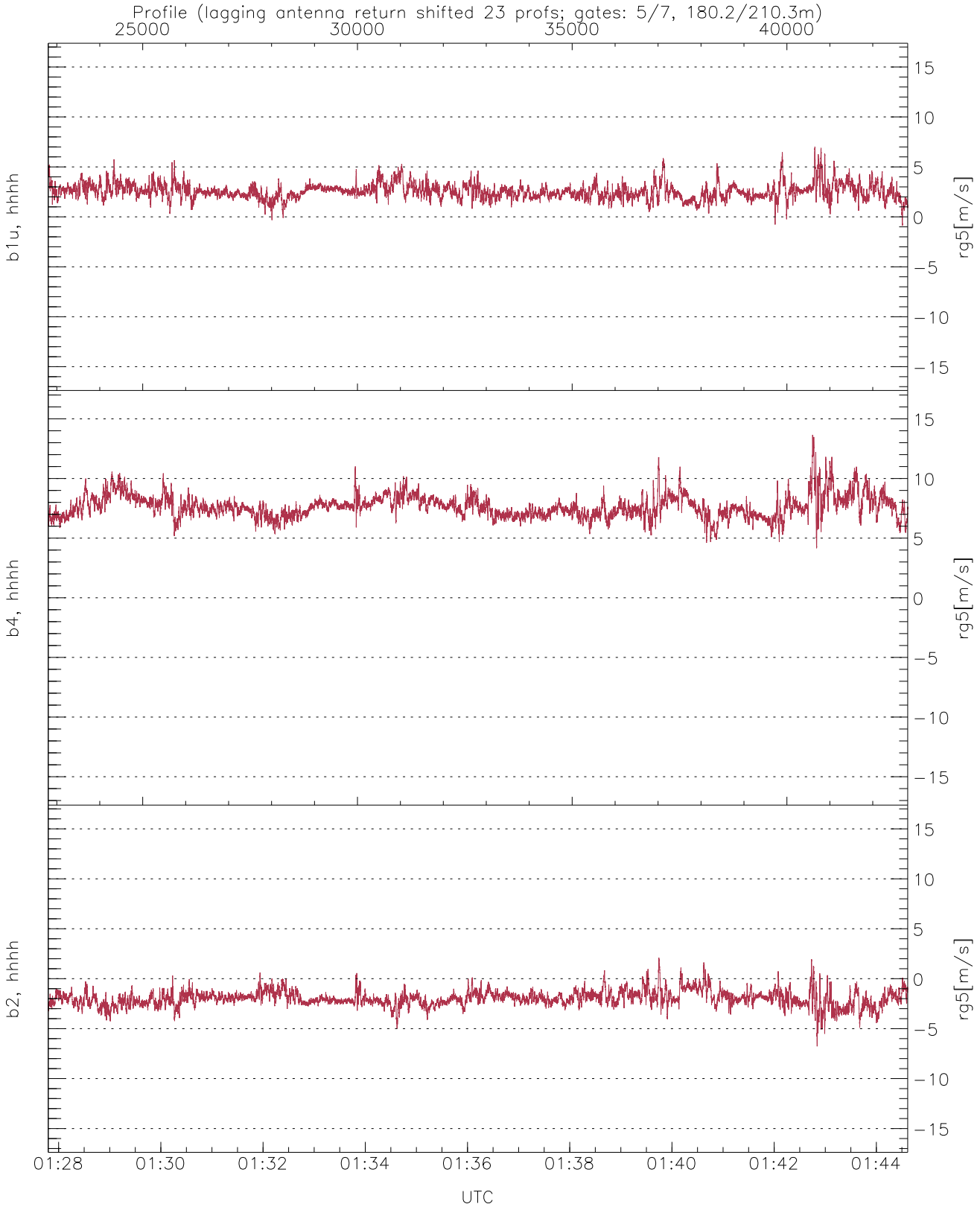
	Min	Max	Mean
up(hh[dBm])	-41.20	-7.10	-14.61
down-fore(hh[dBm])	-43.24	-10.86	-20.44
down(hh[dBm])	-41.14	-7.41	-16.98





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

	Min	Max	Mean
up/down(dB)	-18.63	21.40	2.23
down/down-fore(dB)	-11.25	20.54	5.02



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.89	7.02	2.55	0.78
b4, hhhh(rg5[m/s])	4.15	13.66	7.64	0.94
b2, hhhh(rg5[m/s])	-6.77	2.11	-1.97	0.77