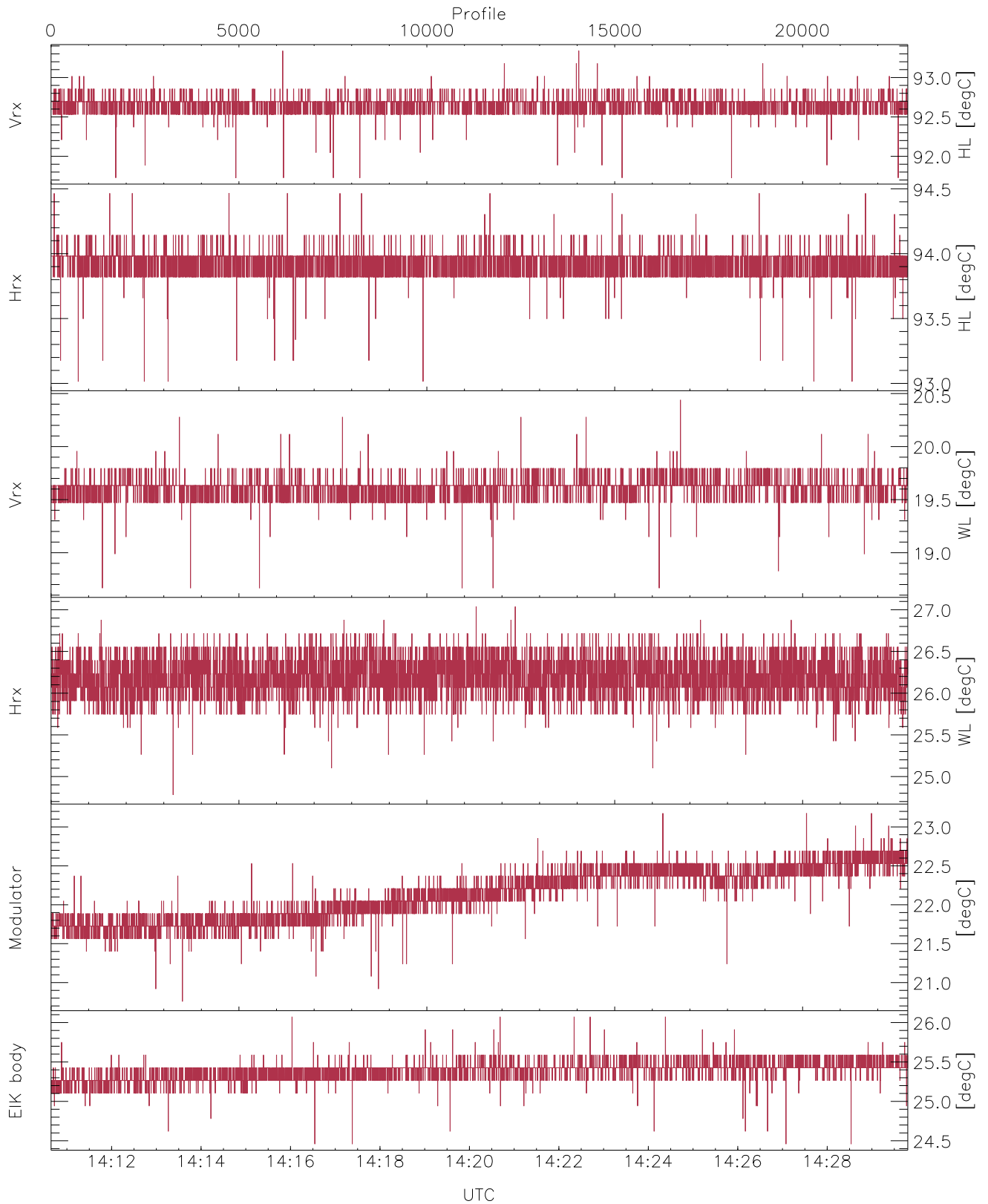


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

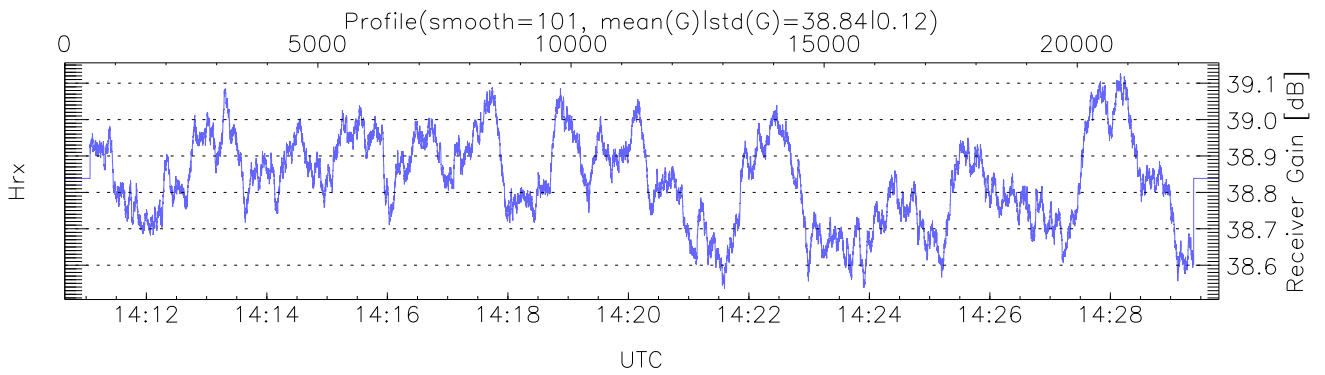
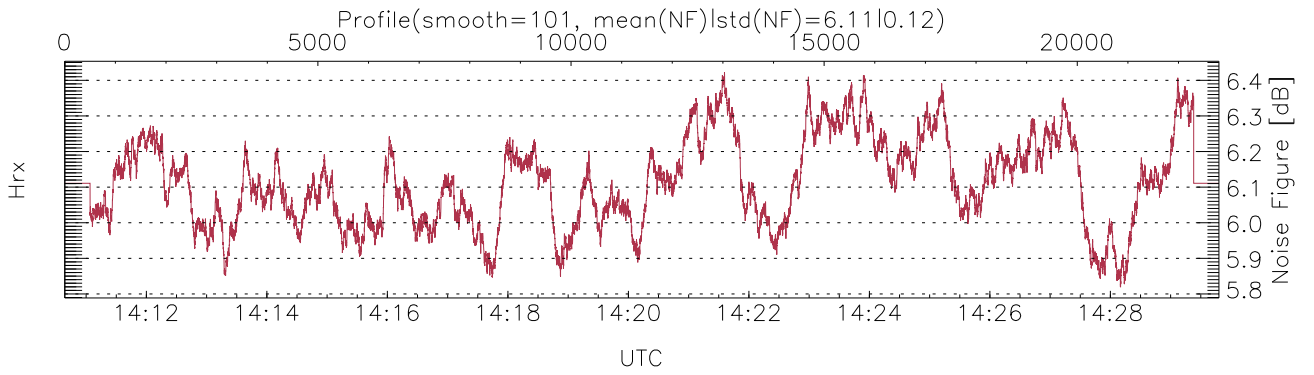
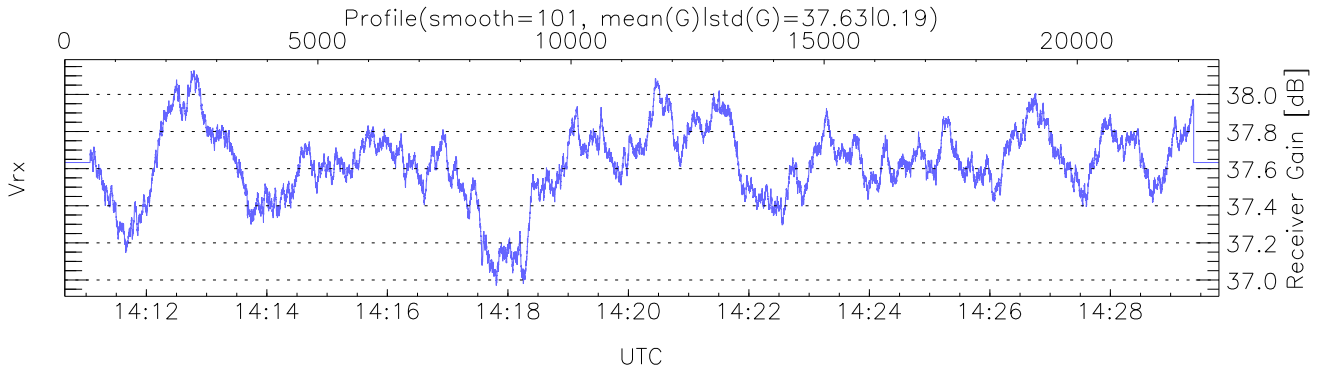
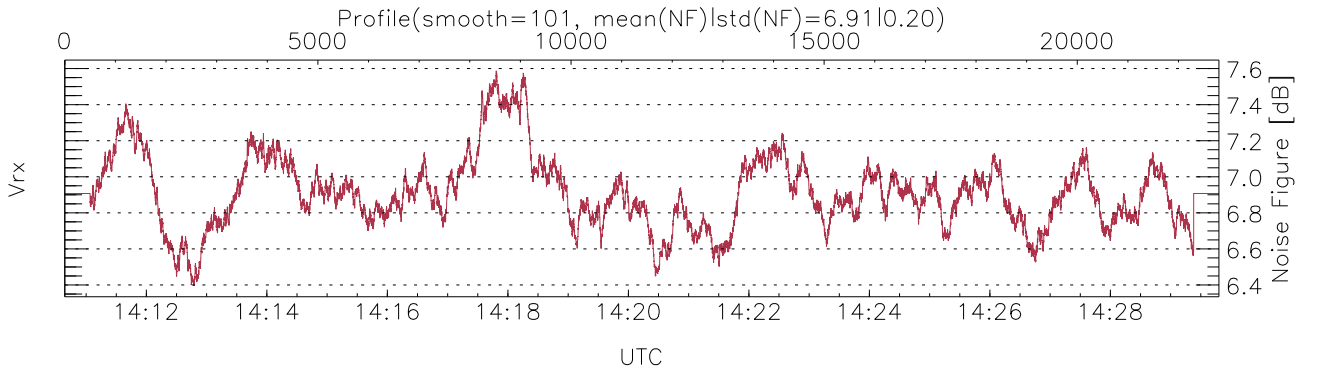
UTC: 14:10:39-14:35:00, Dur: 1461.61s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/28994, 0-22799/14:10:39-14:29:48
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

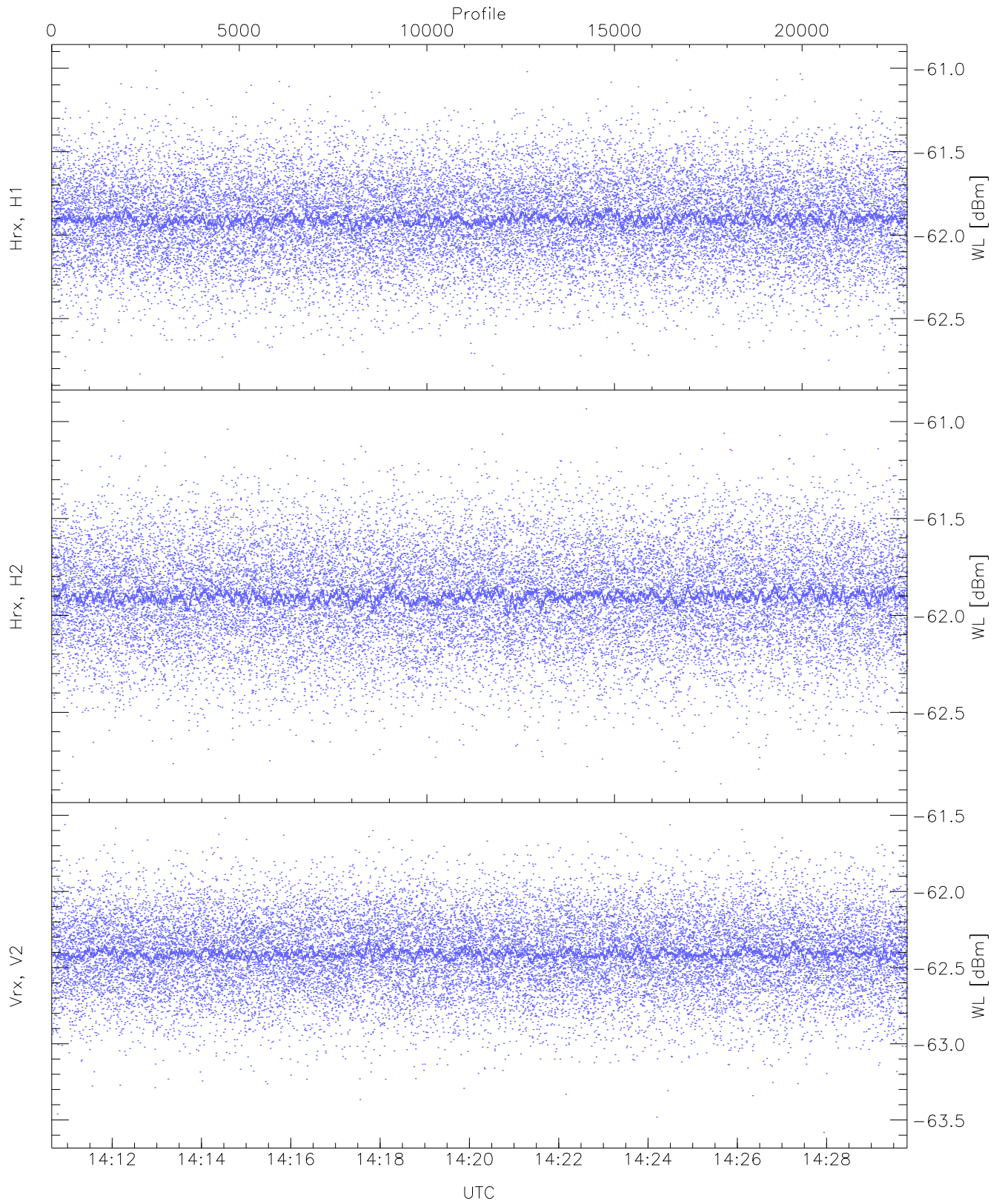
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,18,24,20,24
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,23,26
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (26,26,26,26,26,28)



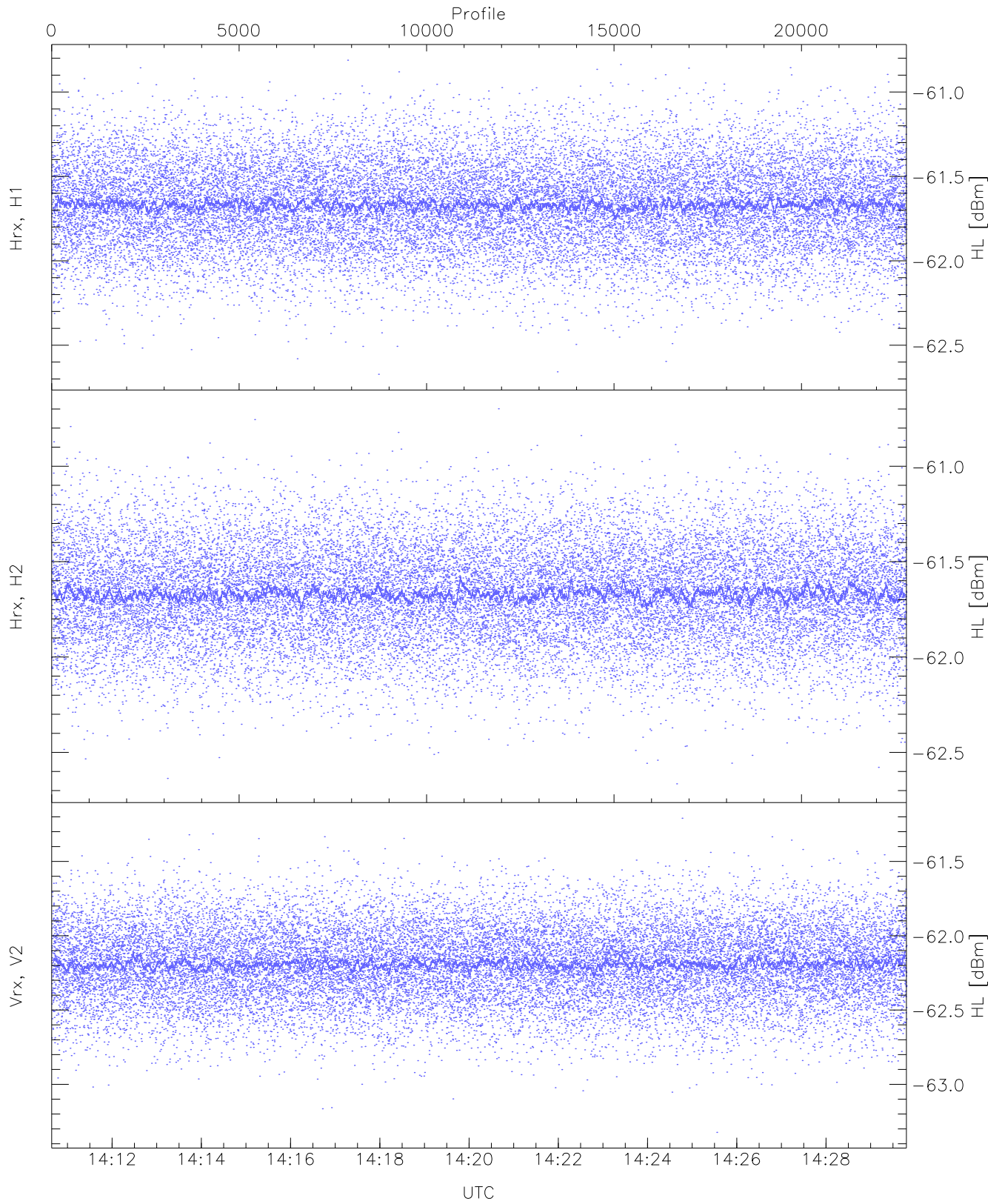
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2018 pixs, 17 gates, 2002 profs, 1 prods



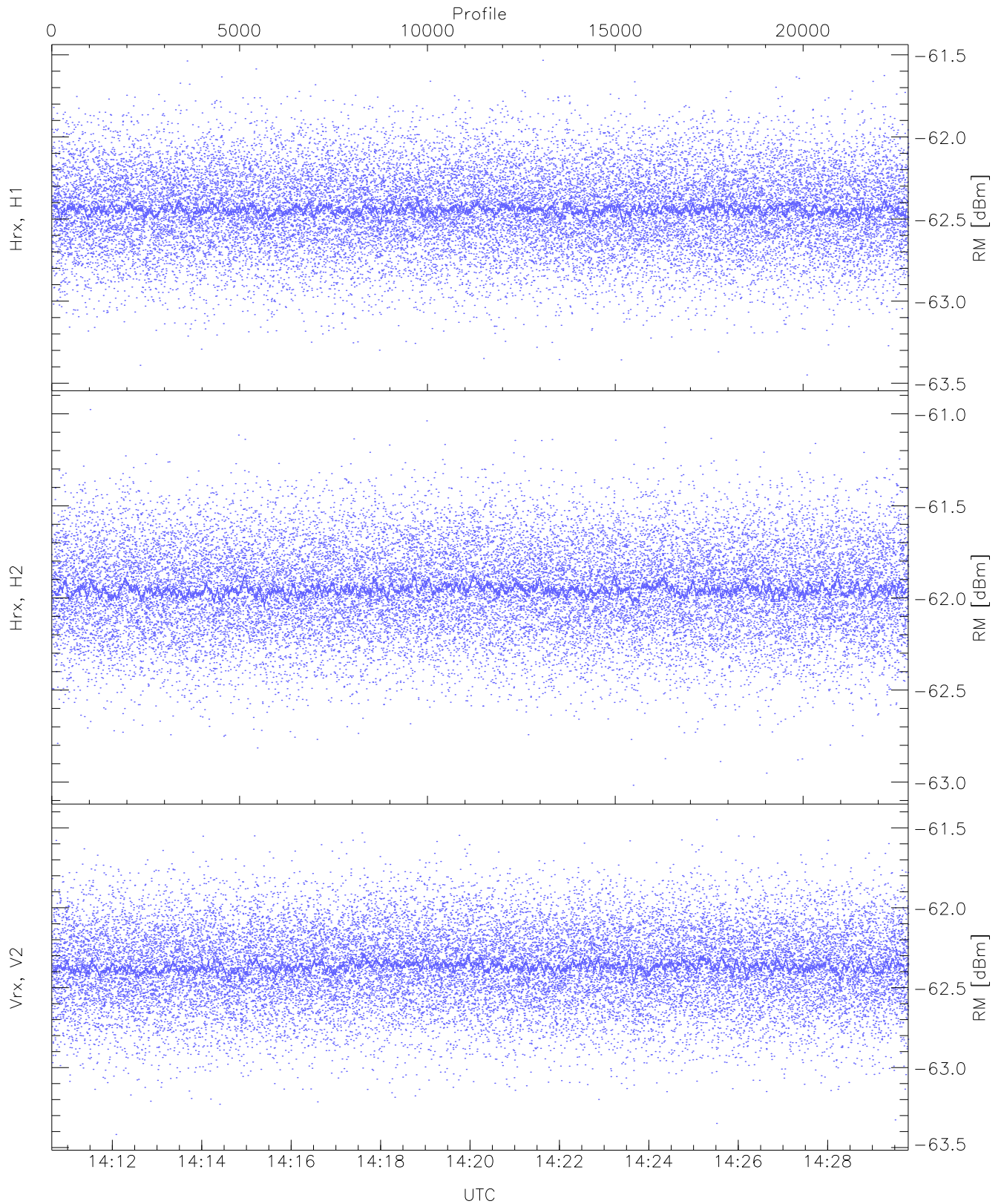
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.83	-60.95	-61.90	-61.91	-74.48
Hrx, H2(WL [dBm])	-62.87	-60.93	-61.90	-61.90	-74.48
Vrx, V2(WL [dBm])	-63.58	-61.52	-62.40	-62.41	-74.95



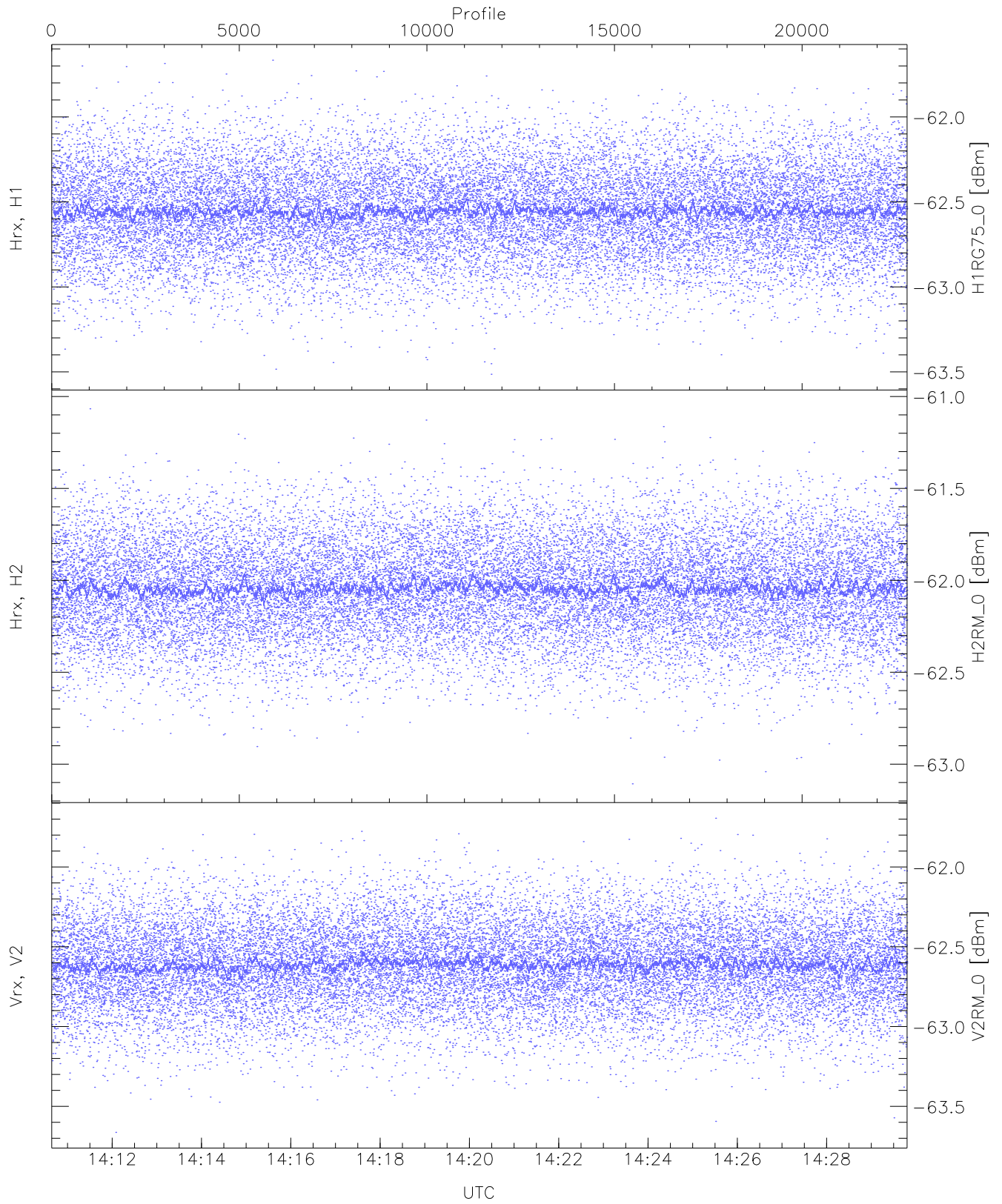
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.67	-60.81	-61.67	-61.67	-74.23
Hrx, H2 (HL [dBm])	-62.66	-60.70	-61.67	-61.67	-74.23
Vrx, V2 (HL [dBm])	-63.32	-61.21	-62.19	-62.19	-74.75



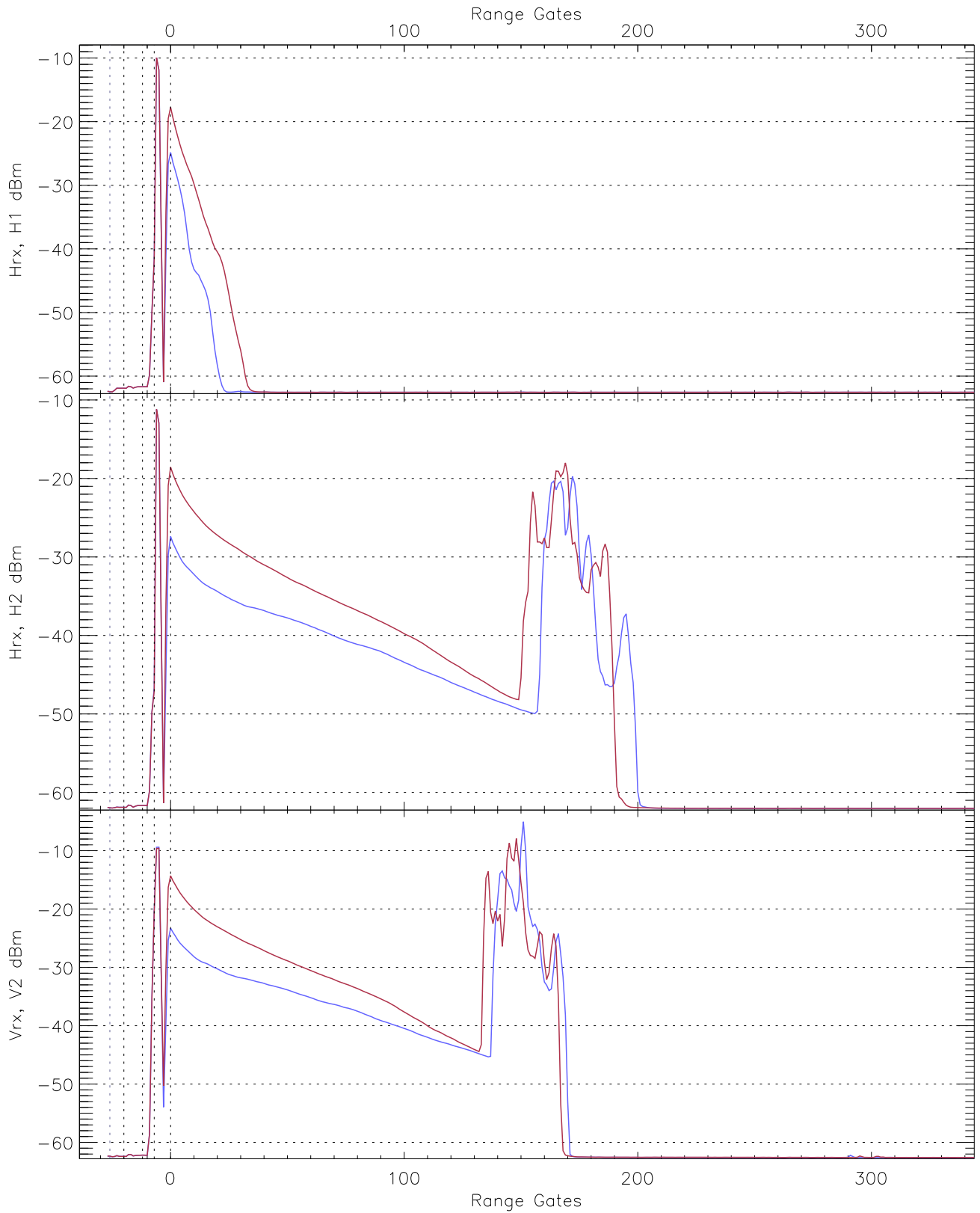
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.45	-61.53	-62.44	-62.44	-74.98
Hrx, H2 (RM [dBm])	-63.02	-60.98	-61.95	-61.96	-74.53
Vrx, V2 (RM [dBm])	-63.42	-61.45	-62.36	-62.37	-74.90

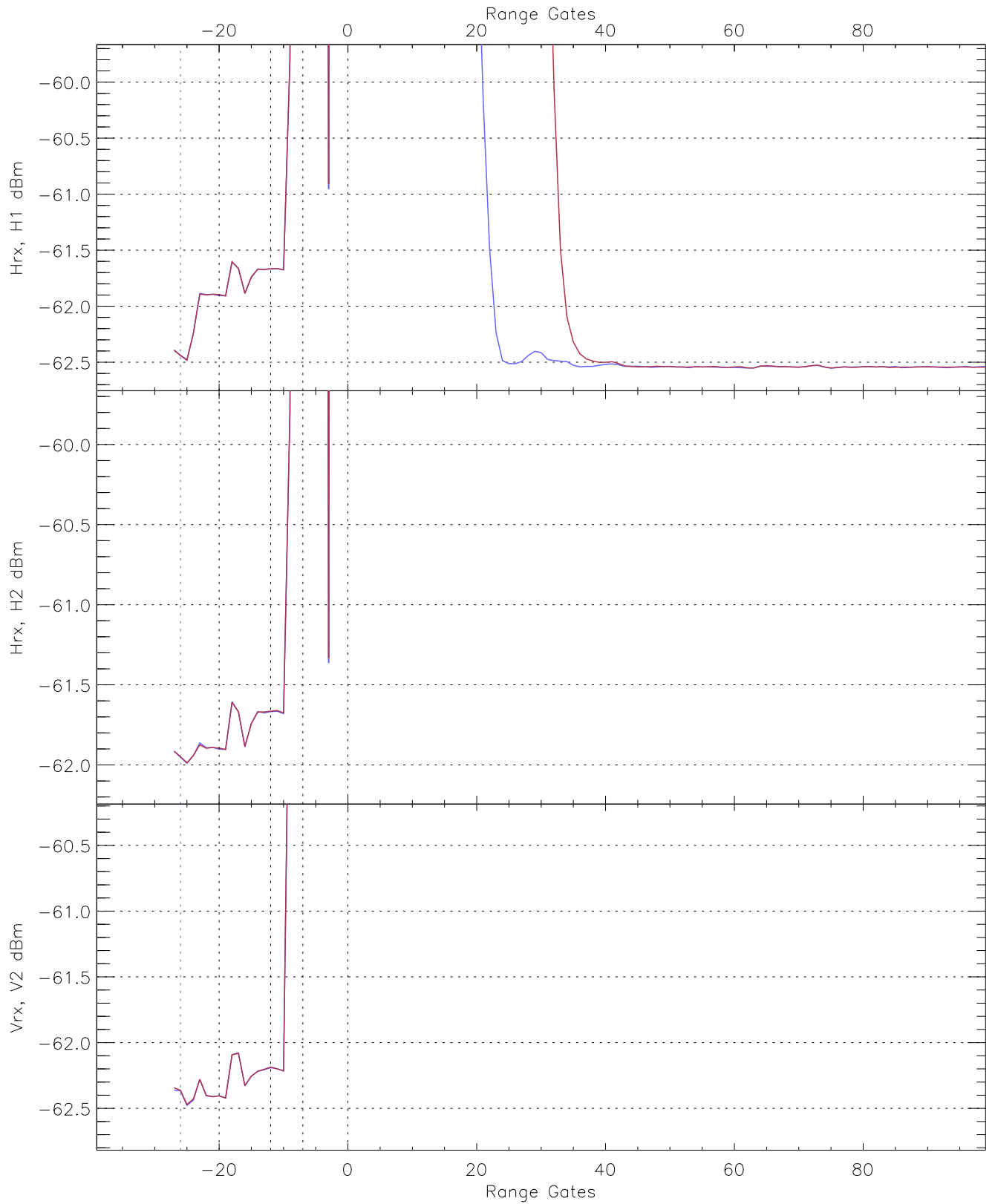


WCR2 CPP "Best" estimate Receivers Noise Power

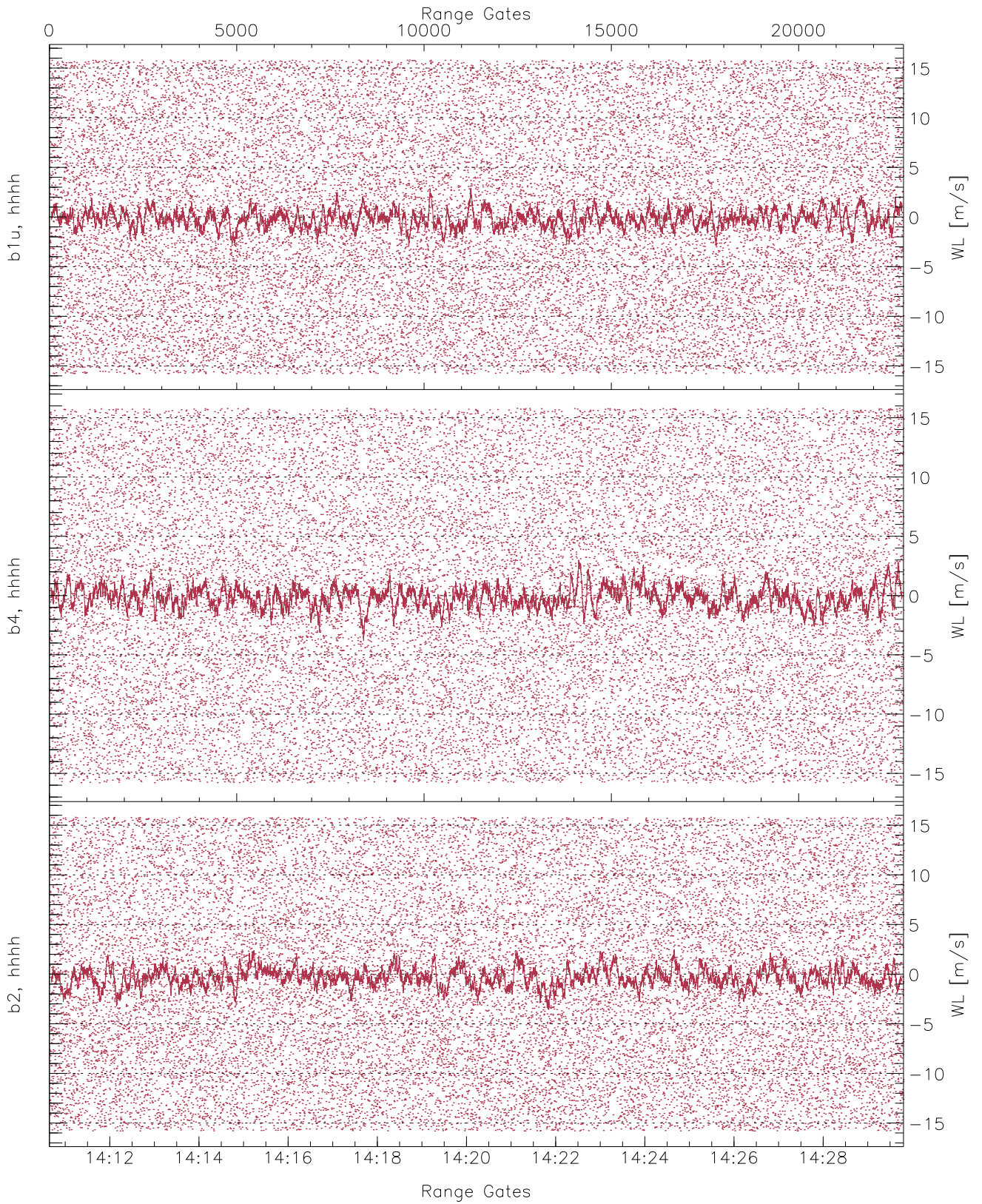
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.51	-61.67	-62.55	-62.56	-75.10
H2RM_0 [dBm]	-63.11	-61.07	-62.04	-62.05	-74.62
V2RM_0 [dBm]	-63.66	-61.69	-62.61	-62.61	-75.14



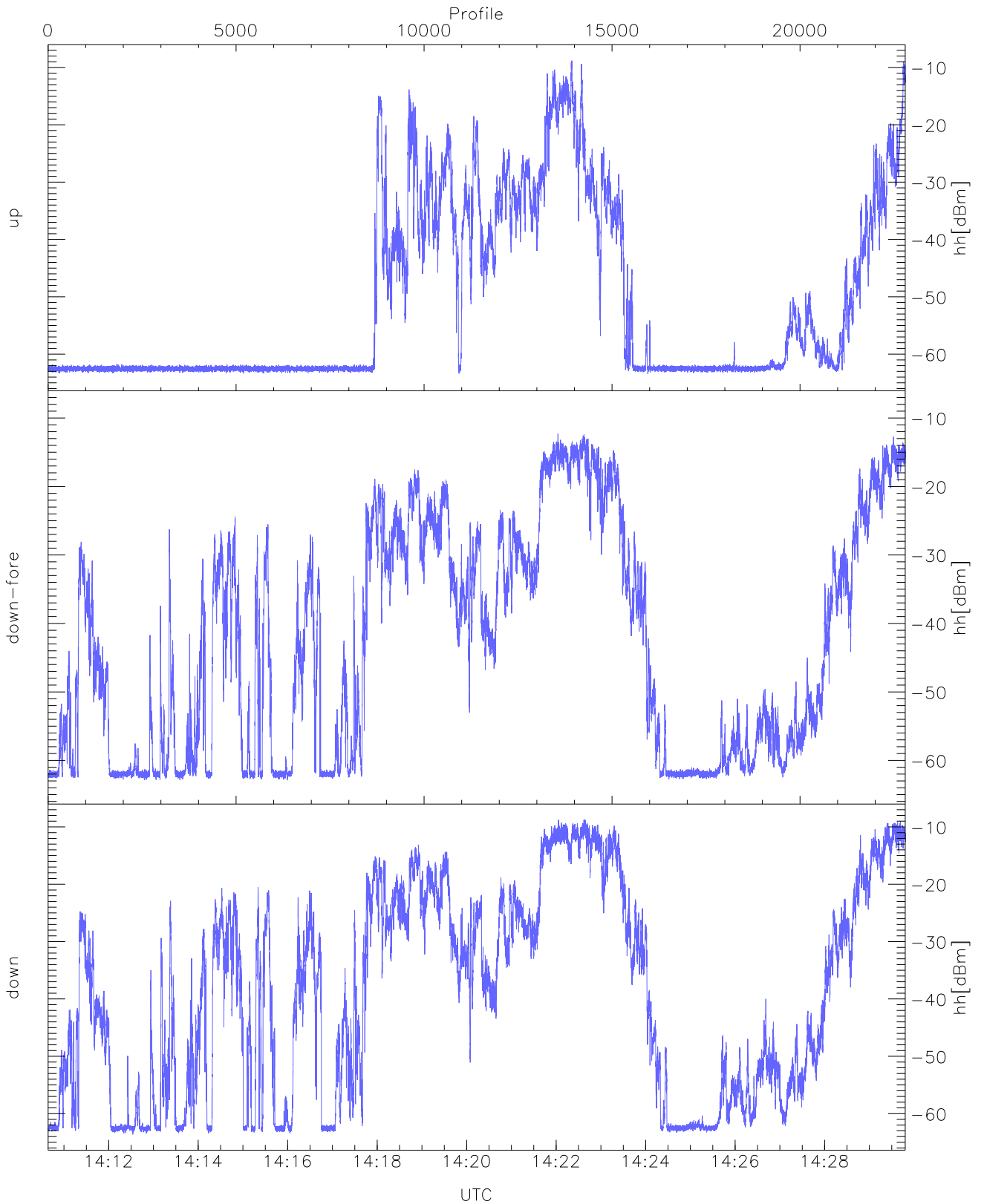
WCR2 CPP Averaged Received power for all recorded gates
blue: 141039-142013, 11401 profiles averaged
red: 142013-142948, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 141039-142013, 11401 profiles averaged
red: 142013-142948, 11400 profiles averaged

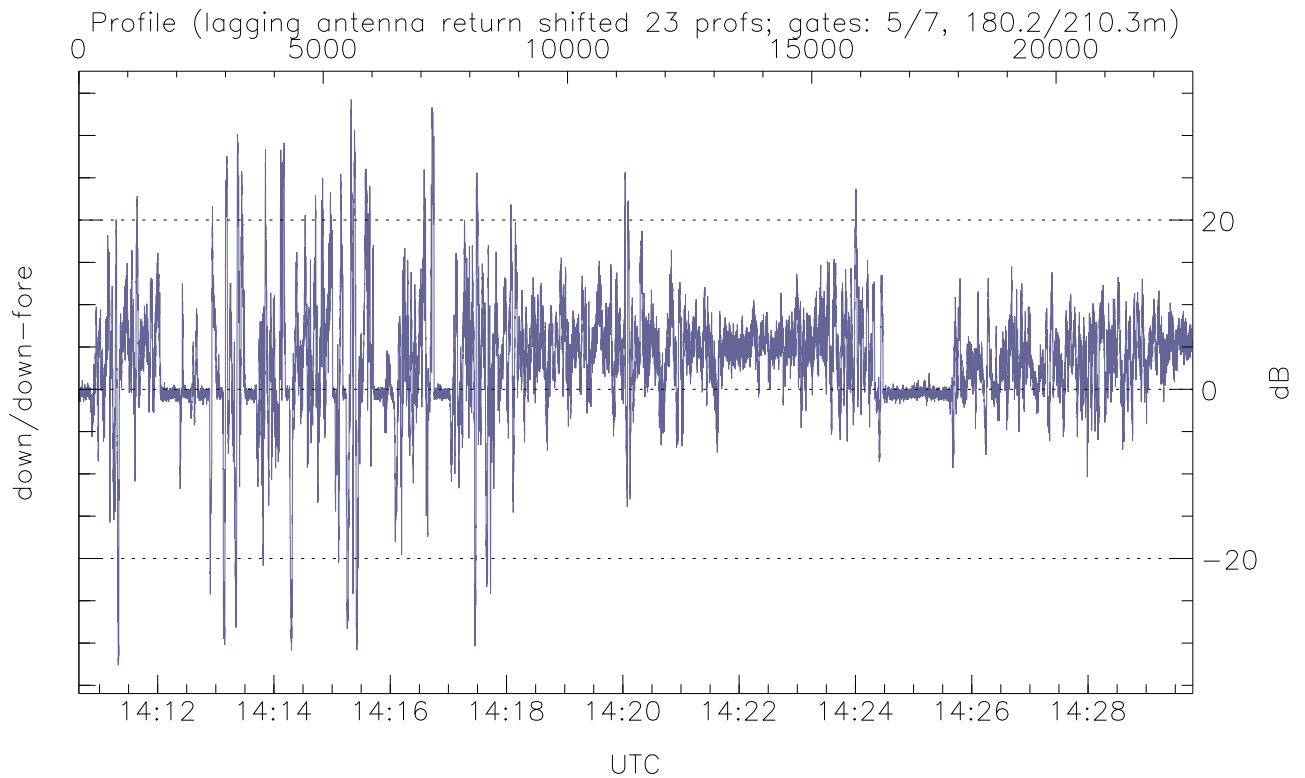
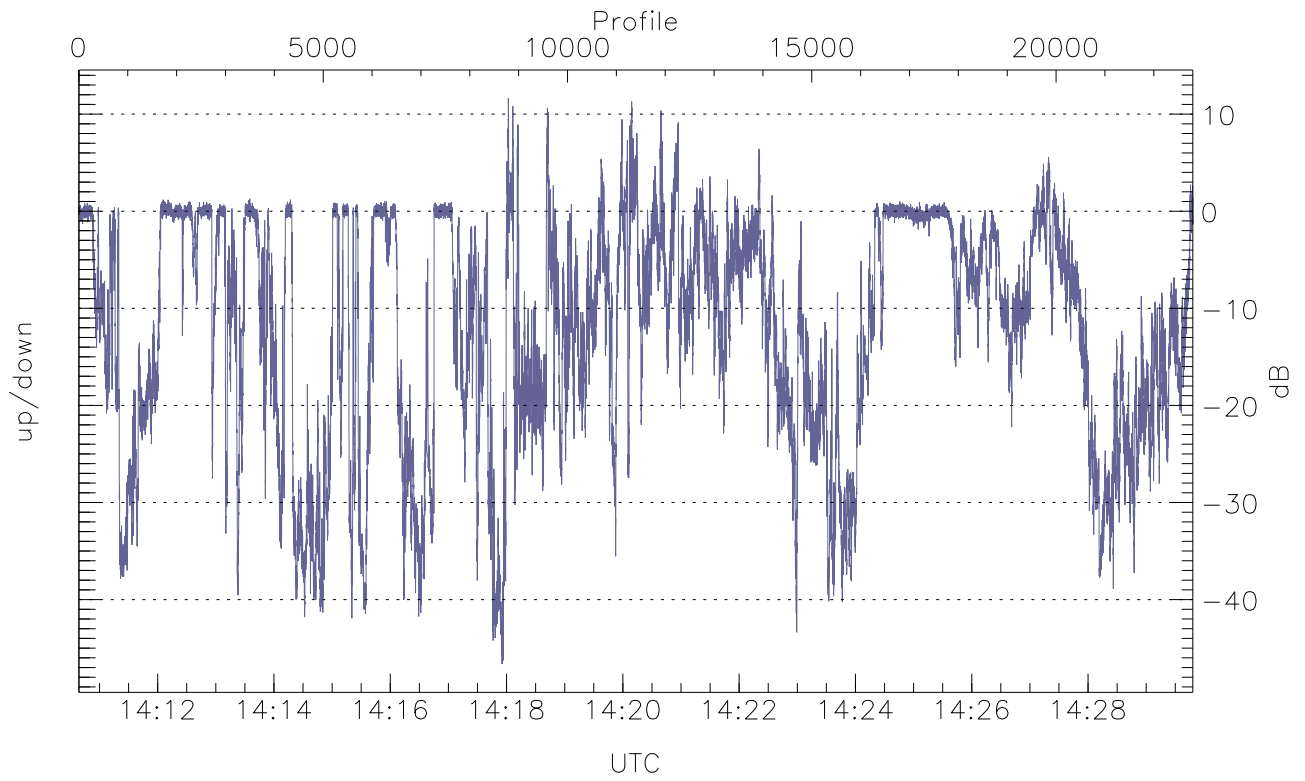


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



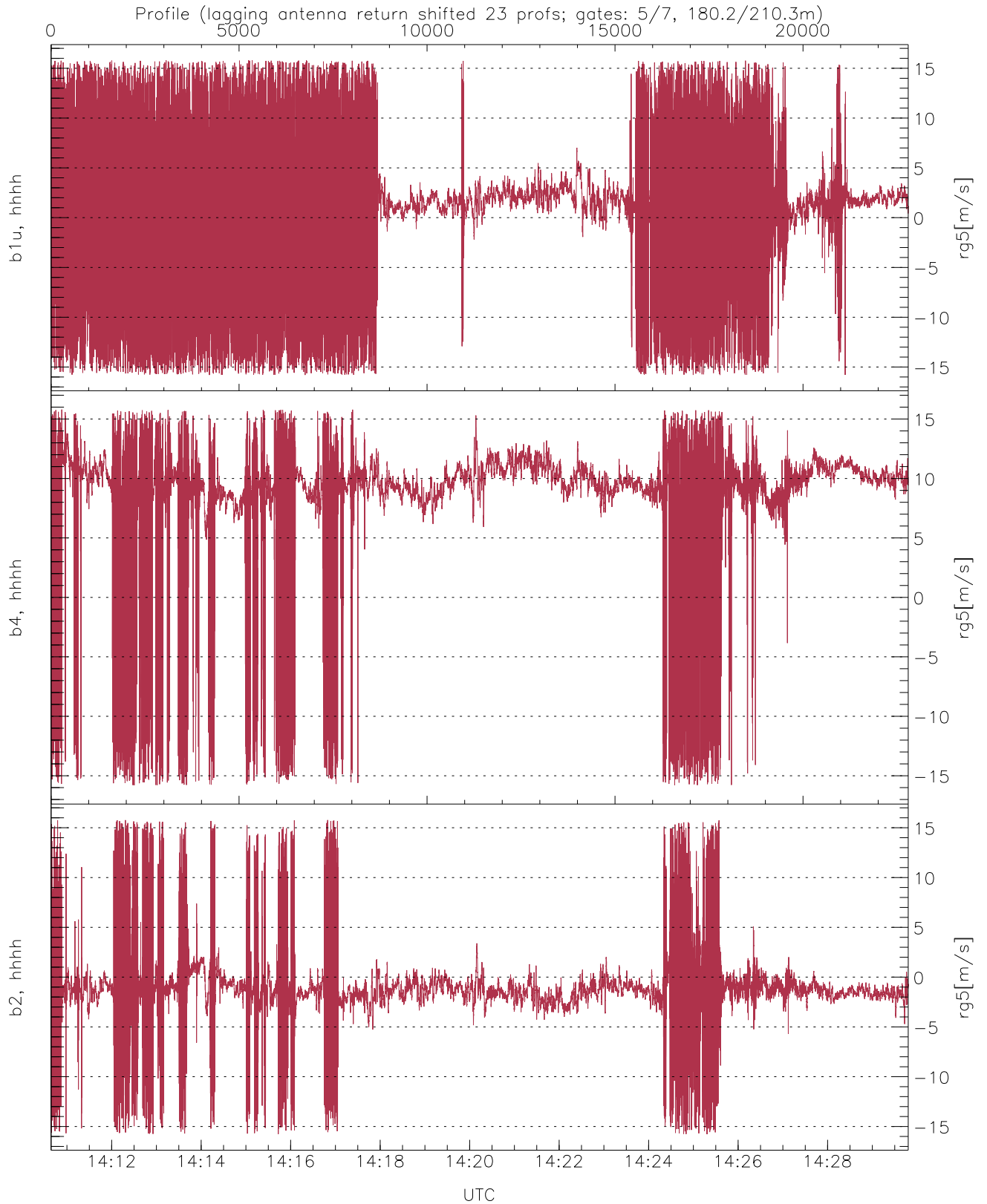
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.48	-8.80	-27.07
down-fore(hh[dBm])	-62.90	-12.30	-24.51
down(hh[dBm])	-63.63	-8.76	-20.18



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

	Min	Max	Mean
up/down (dB)	-46.64	11.63	-12.16
down/down-fore (dB)	-32.62	34.25	3.23



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	0.70	6.70
b4, hhhh(rg5[m/s])	-15.80	15.80	7.95	5.72
b2, hhhh(rg5[m/s])	-15.77	15.77	-1.14	3.57