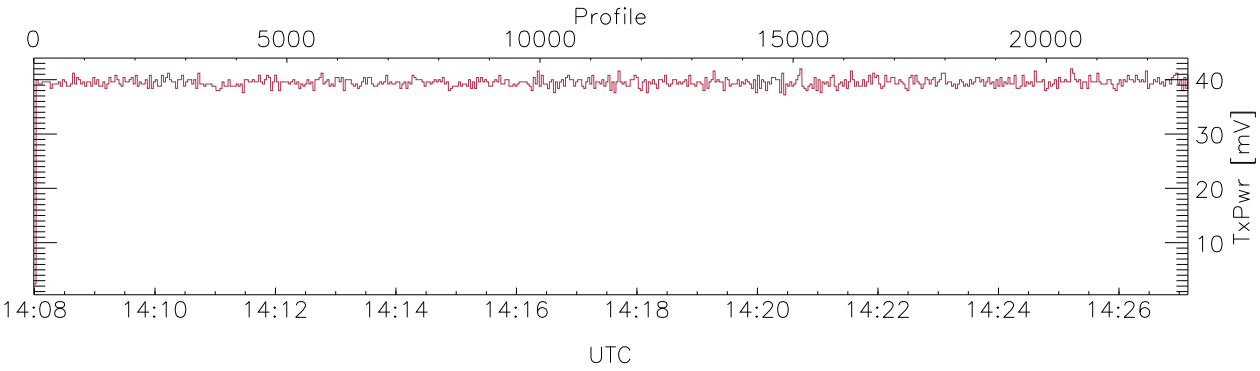
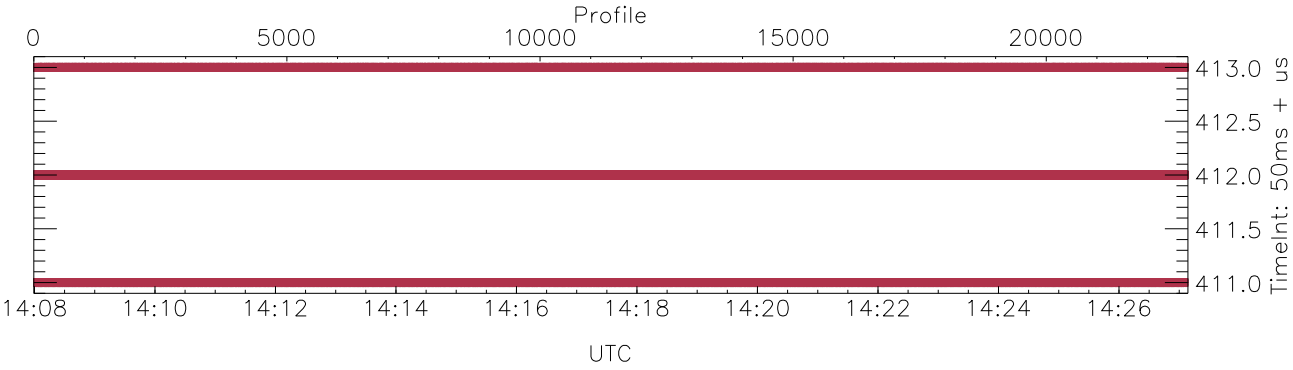
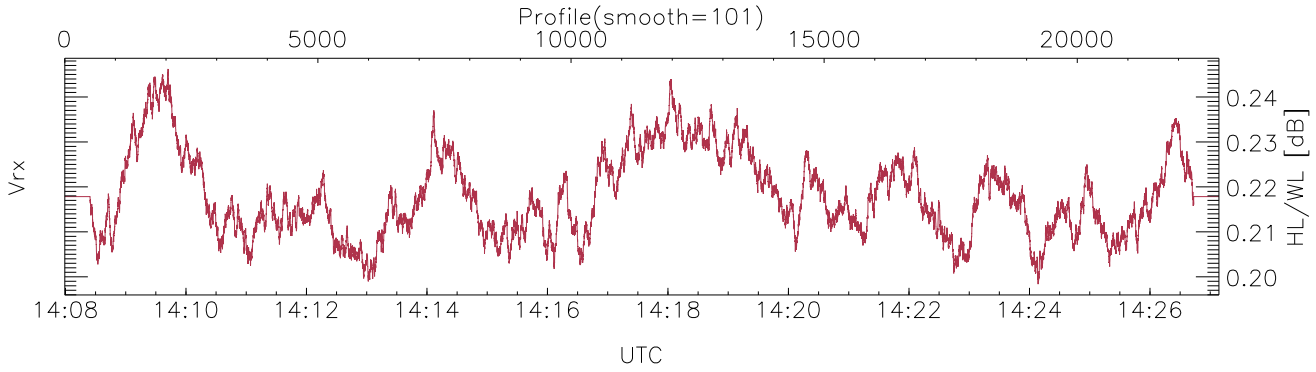
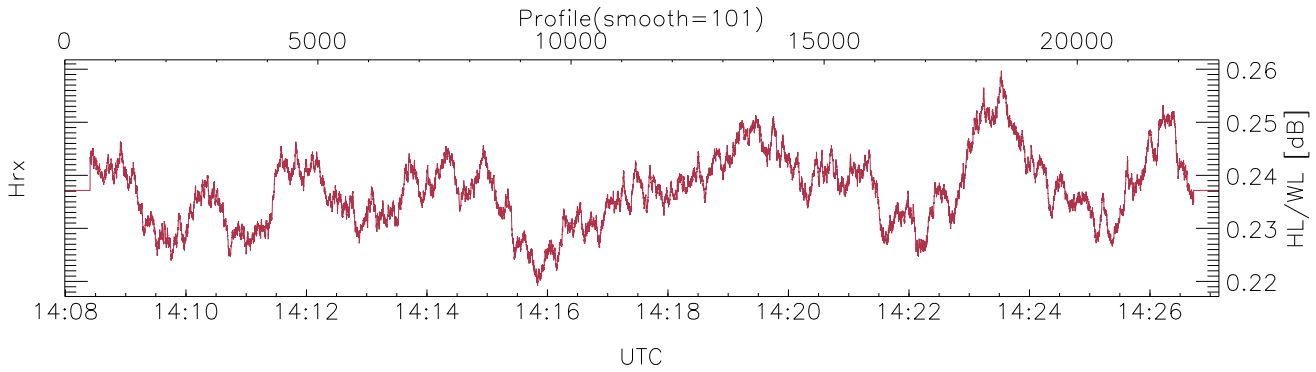


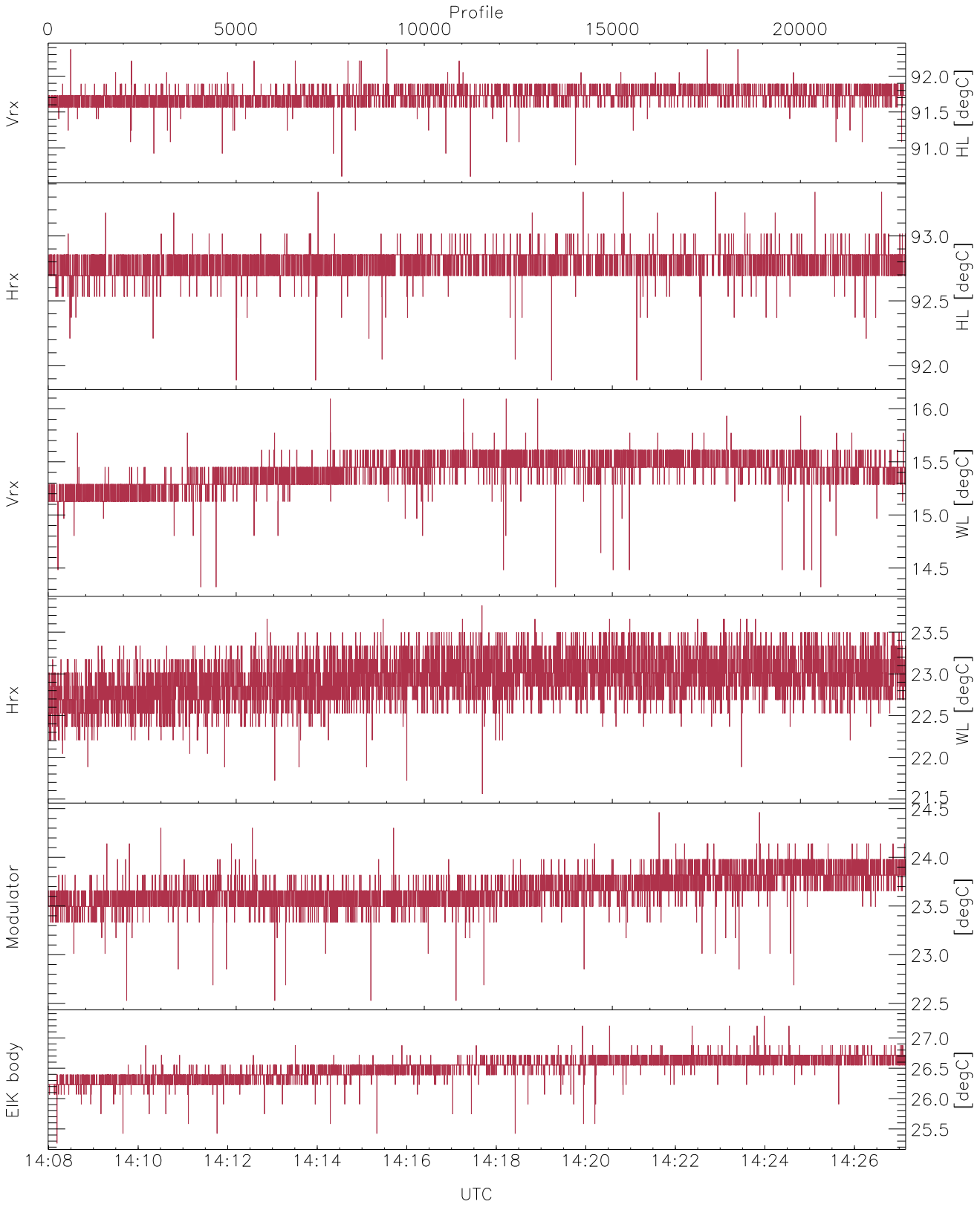






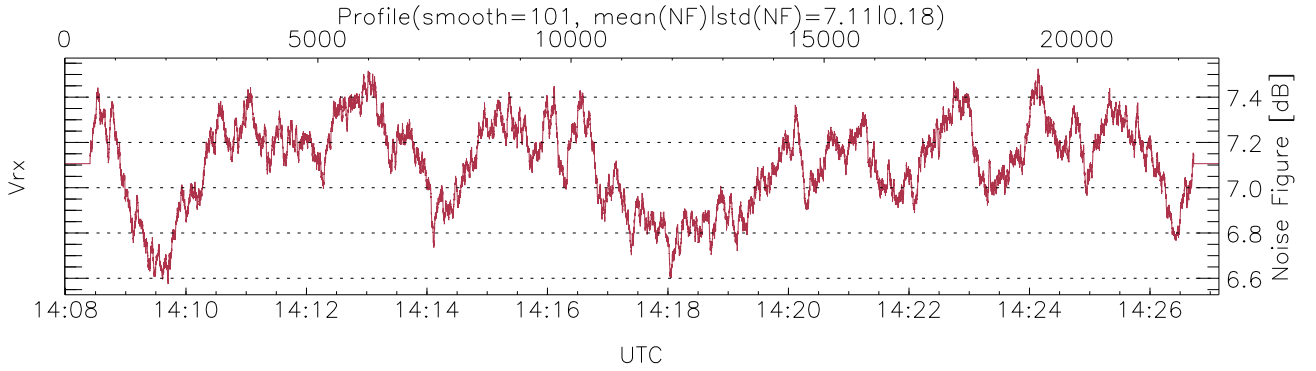
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

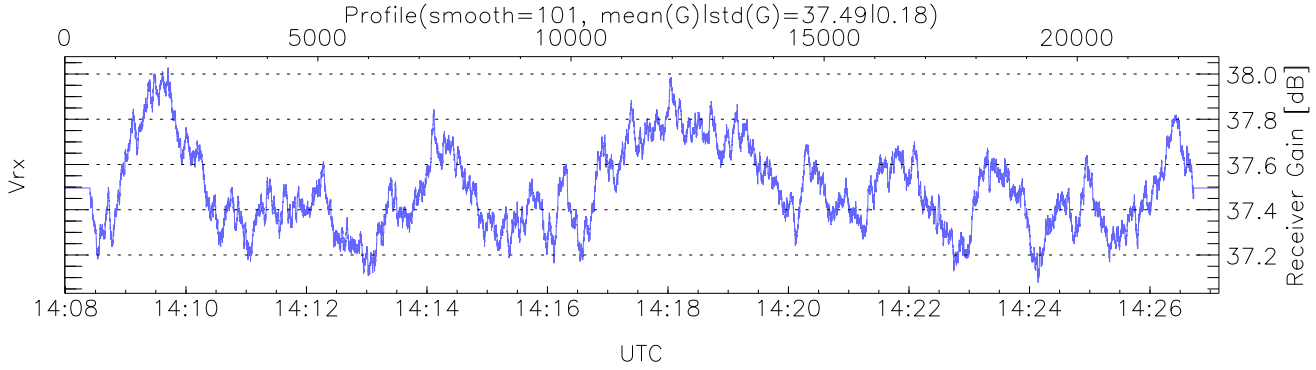
UTC: 14:07:59-14:35:12, Dur: 1632.56s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/32385, 0-22799/14:07:59-14:27:09
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

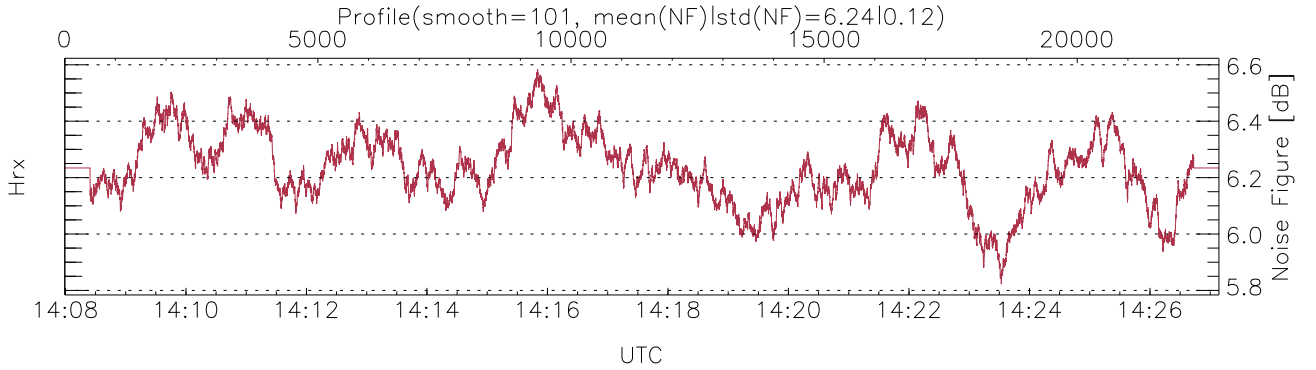


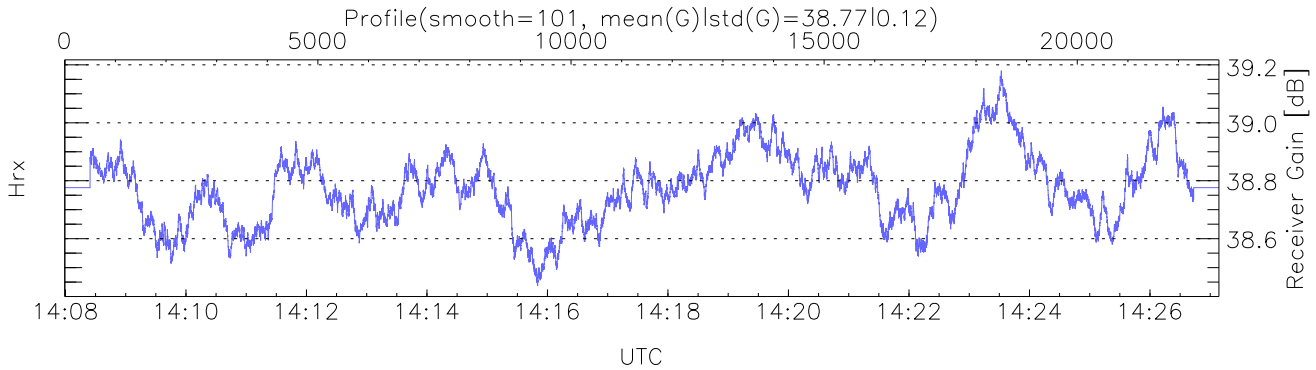
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,22,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,24,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,15,15,11)



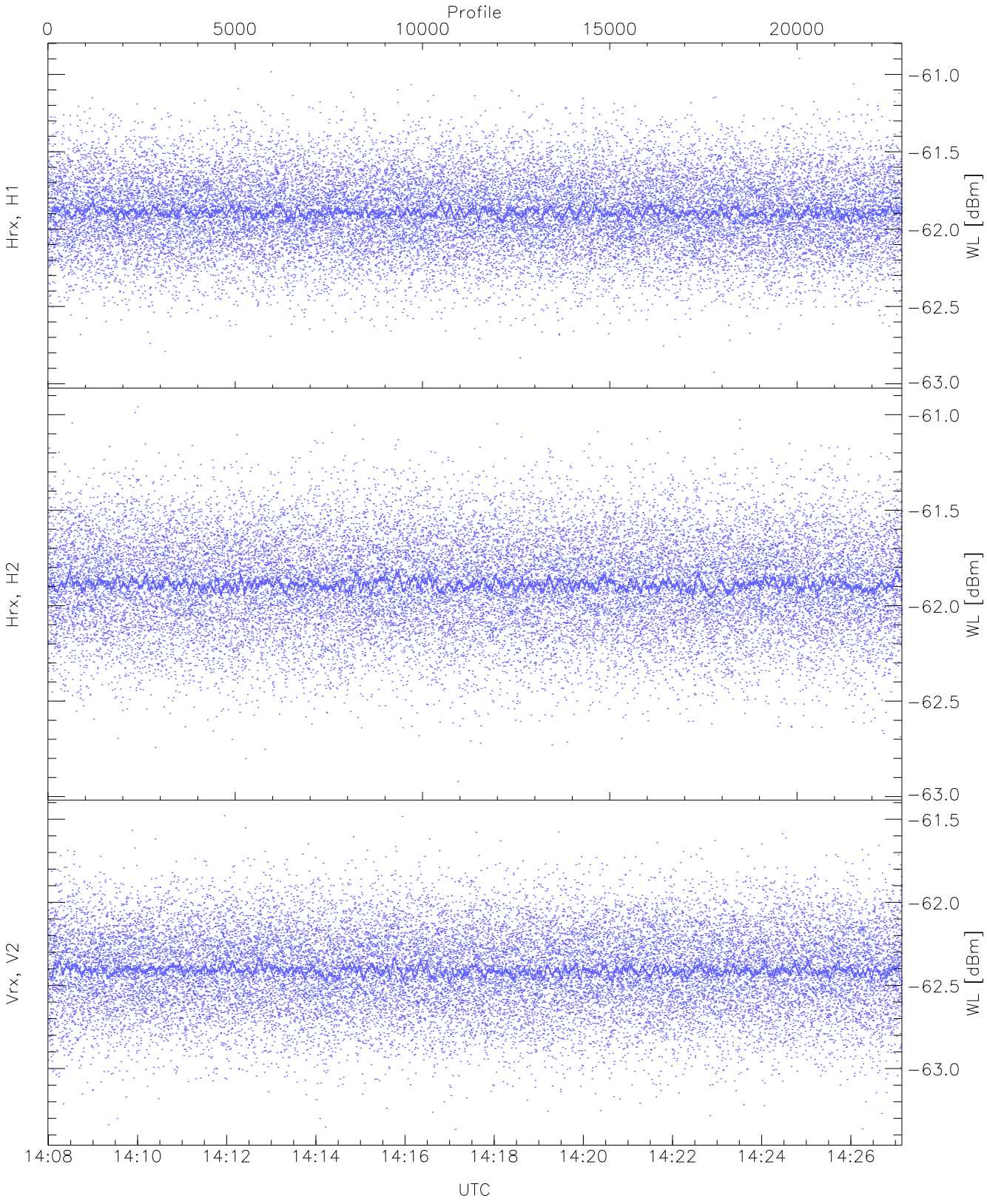






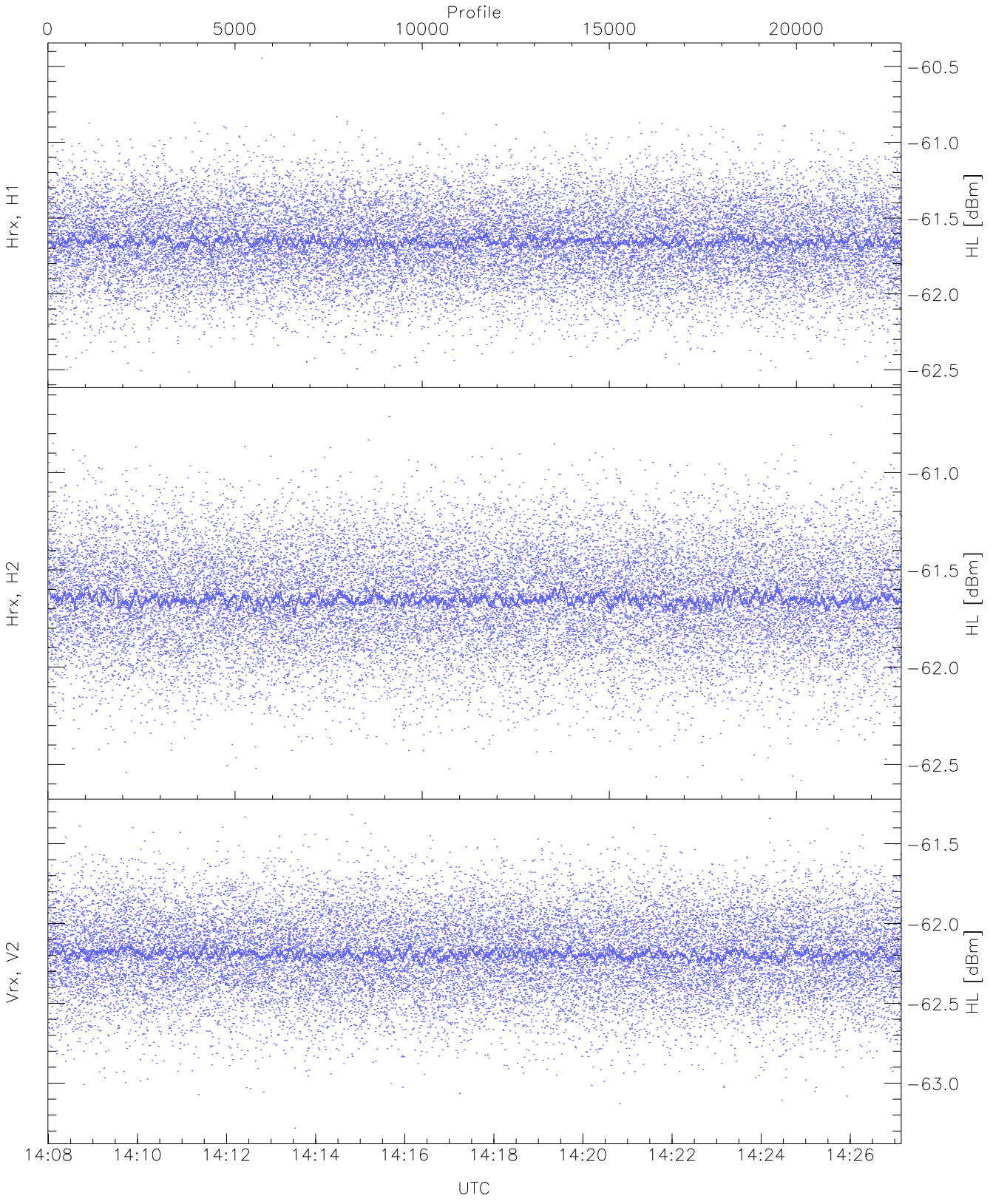
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1095 pixs, 25 gates, 1072 profs, 1 prods



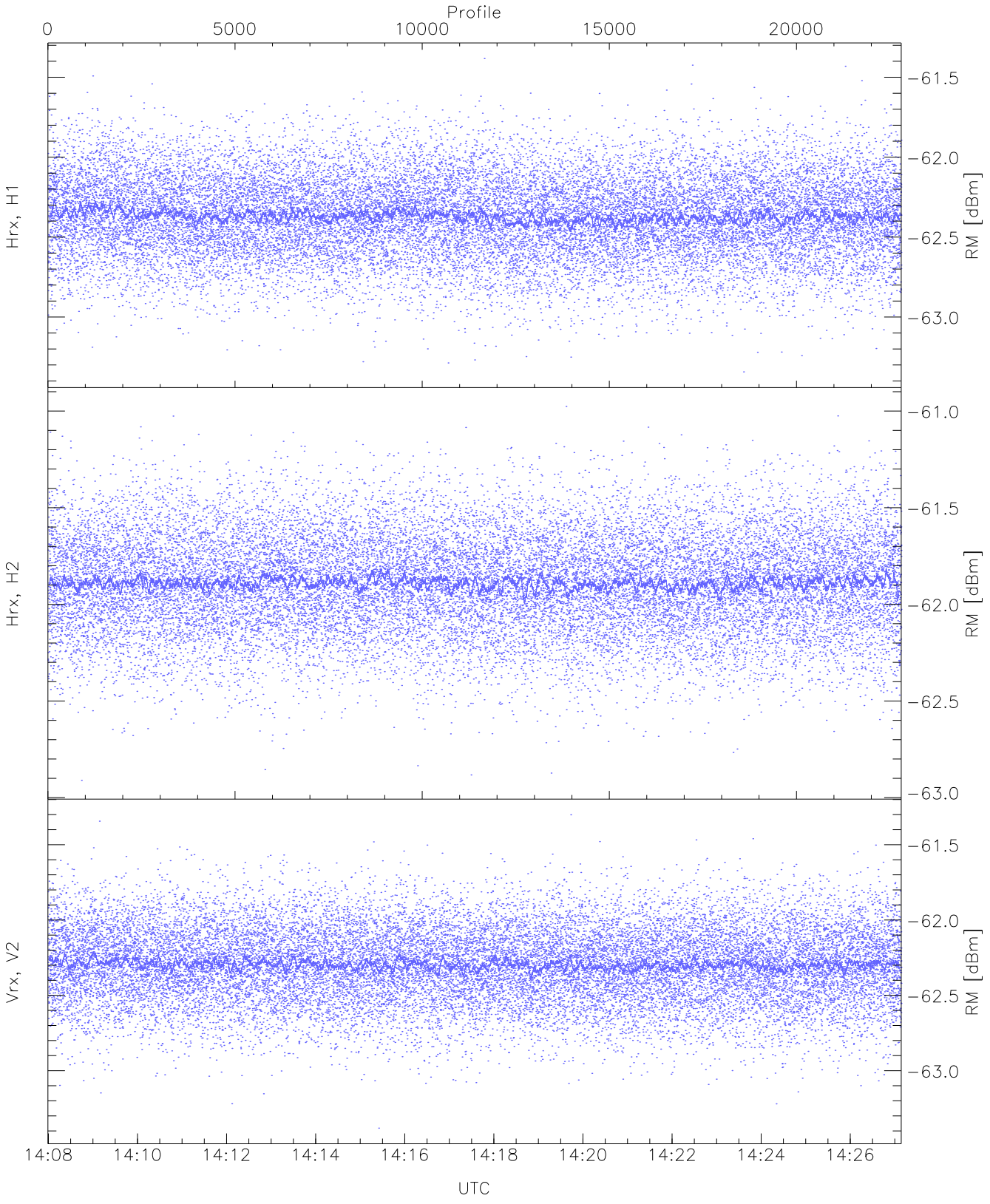
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.93	-60.90	-61.89	-61.89	-74.48
Hrx, H2(WL [dBm])	-62.92	-60.96	-61.88	-61.89	-74.46
Vrx, V2(WL [dBm])	-63.37	-61.48	-62.40	-62.41	-74.97



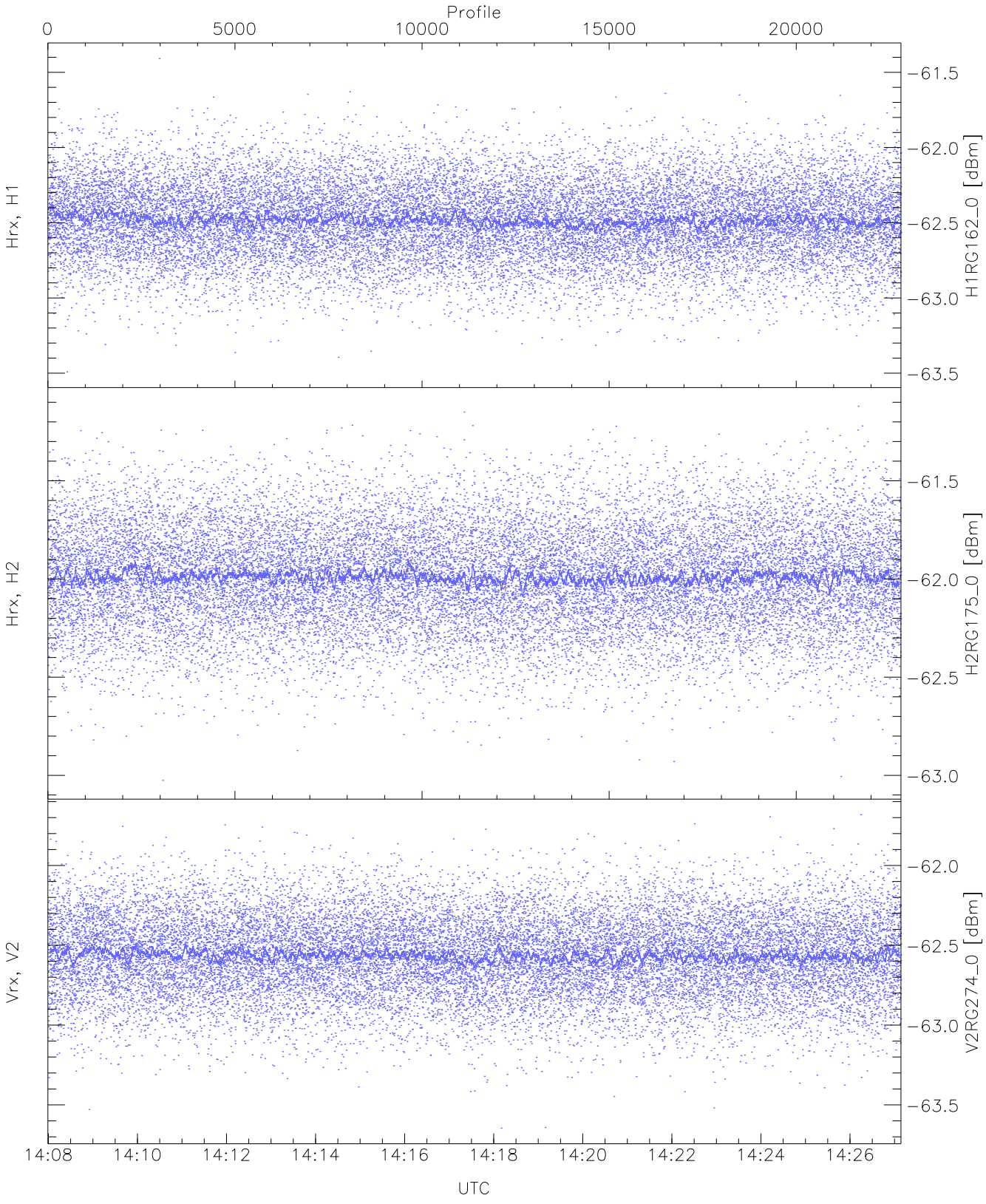
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.51	-60.45	-61.65	-61.66	-74.26
Hrx, H2(HL [dBm])	-62.58	-60.66	-61.65	-61.65	-74.21
Vrx, V2(HL [dBm])	-63.28	-61.32	-62.19	-62.19	-74.77



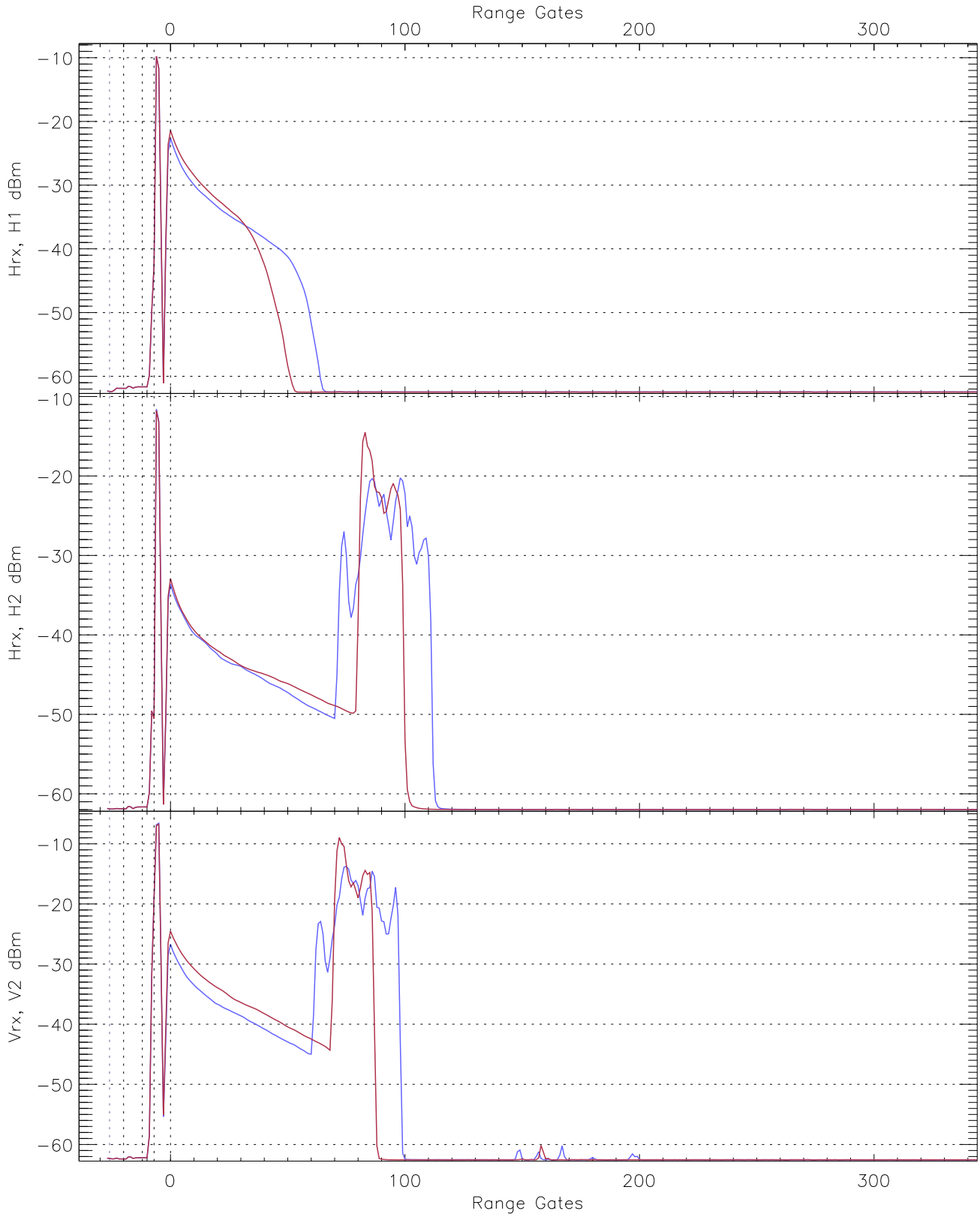
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.34	-61.38	-62.37	-62.37	-74.91
Hrx, H2(RM [dBm])	-62.91	-60.98	-61.89	-61.89	-74.47
Vrx, V2(RM [dBm])	-63.38	-61.30	-62.29	-62.30	-74.90

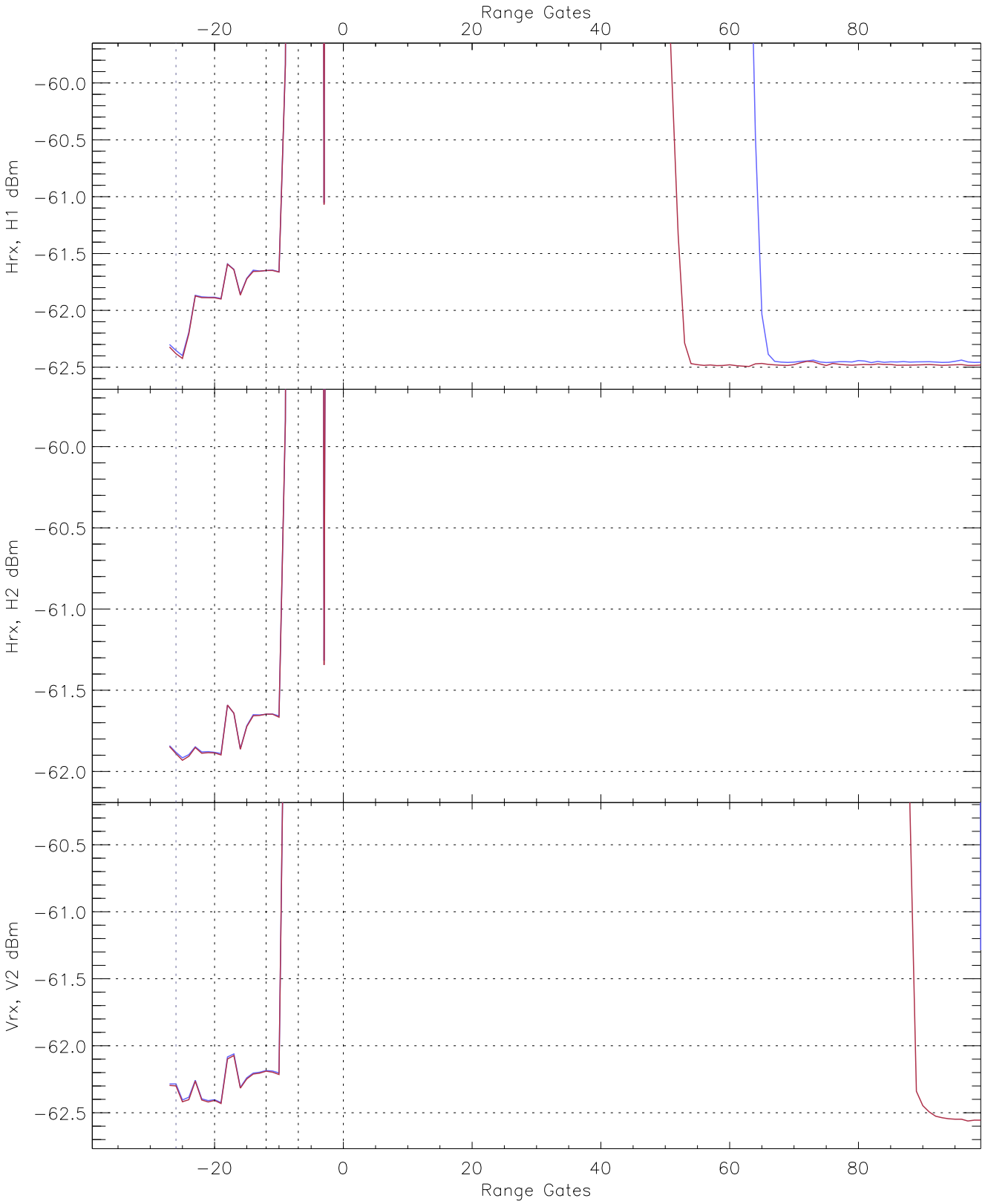


WCR2 CPP "Best" estimate Receivers Noise Power

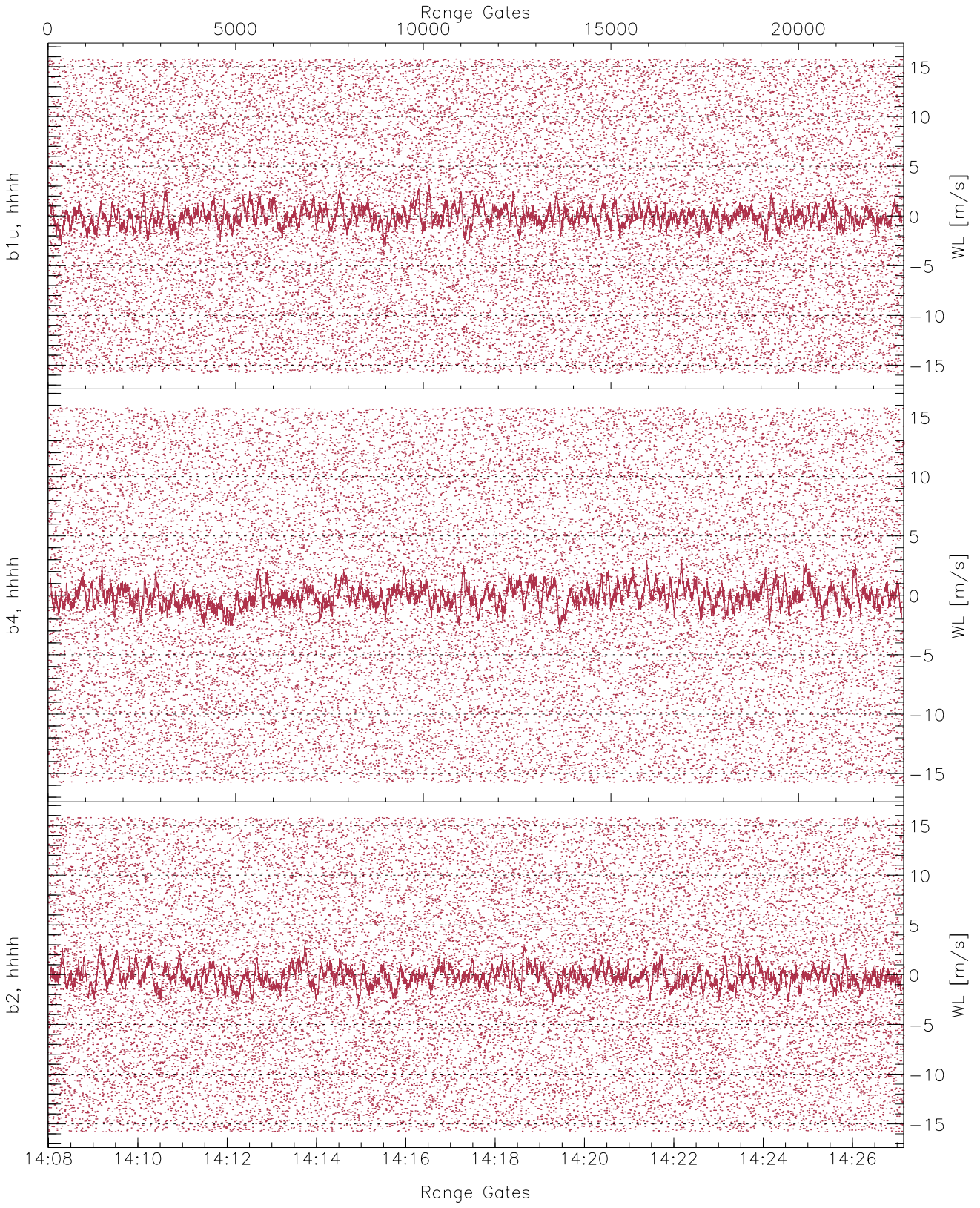
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.49	-61.41	-62.48	-62.48	-75.05
H2RG175_0 [dBm]	-63.03	-61.12	-61.99	-61.99	-74.52
V2RG274_0 [dBm]	-63.65	-61.68	-62.56	-62.57	-75.15



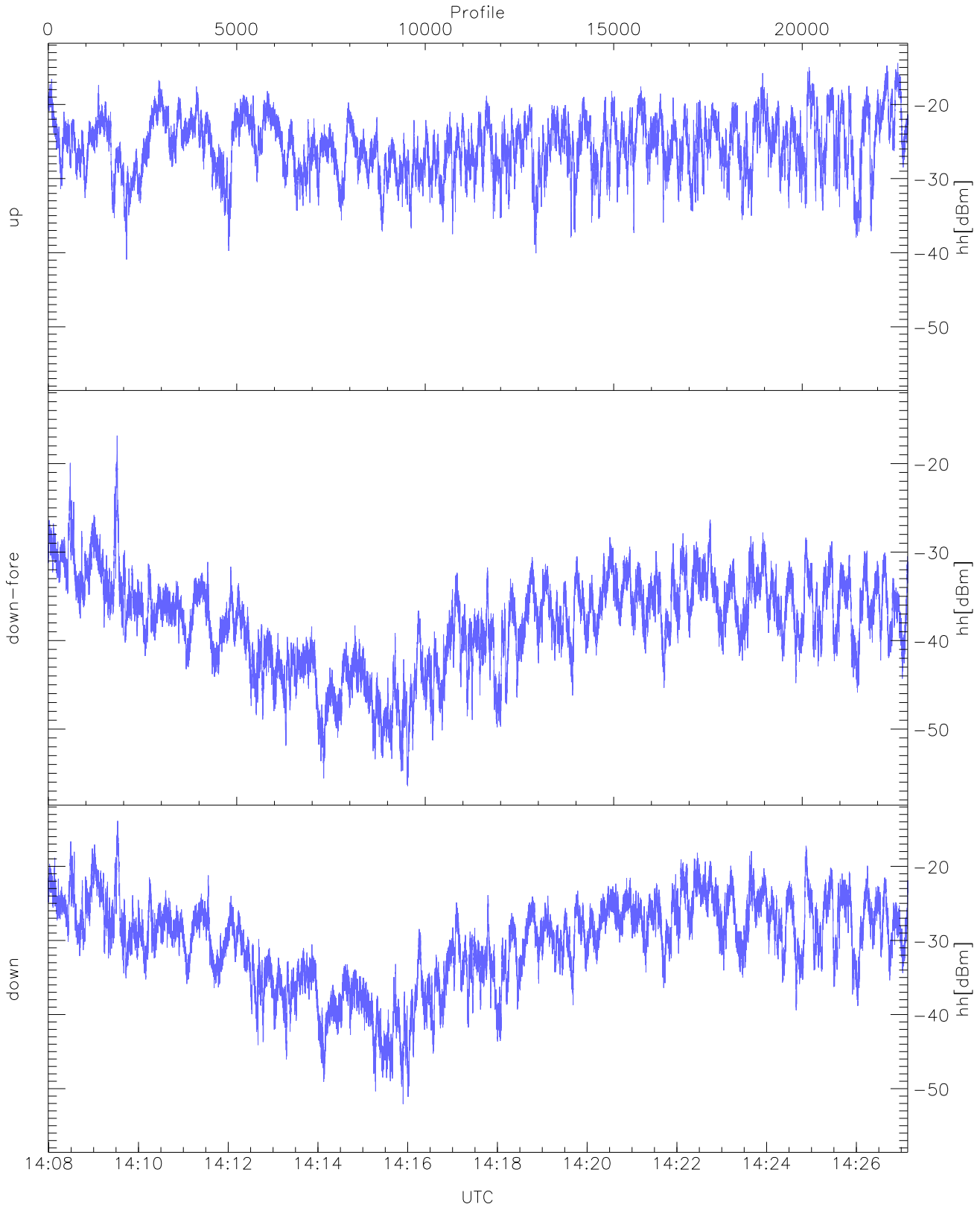
WCR2 CPP Averaged Received power for all recorded gates
blue: 140759-141734, 11401 profiles averaged
red: 141734-142709, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 140759-141734, 11401 profiles averaged
red: 141734-142709, 11400 profiles averaged

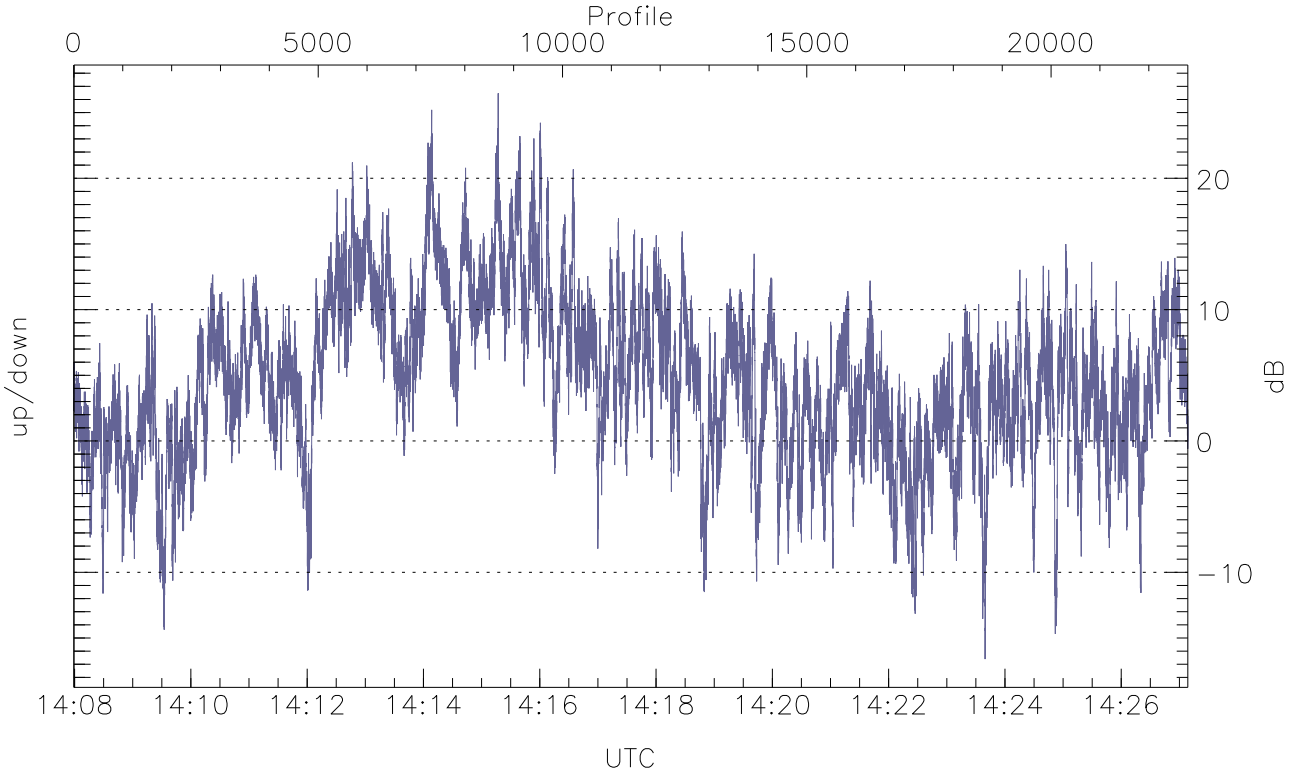


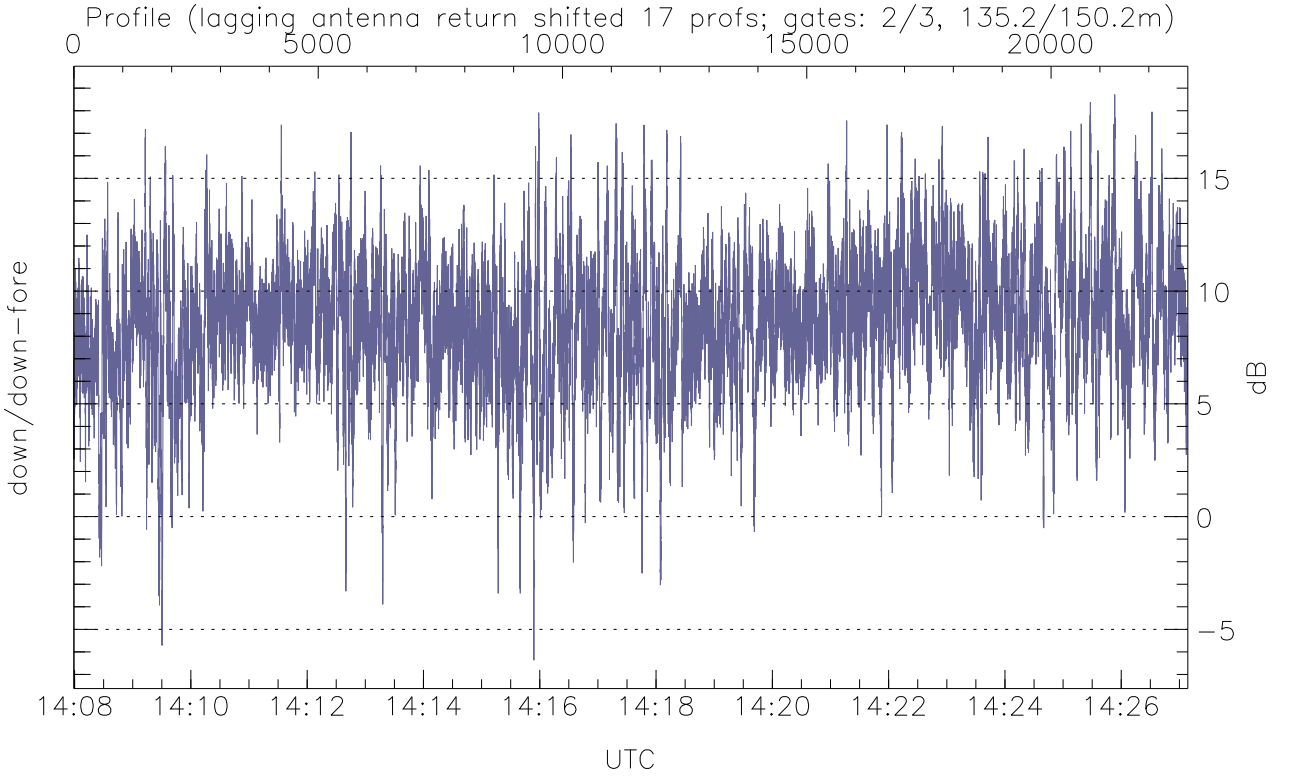
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 2 (135.2 m)

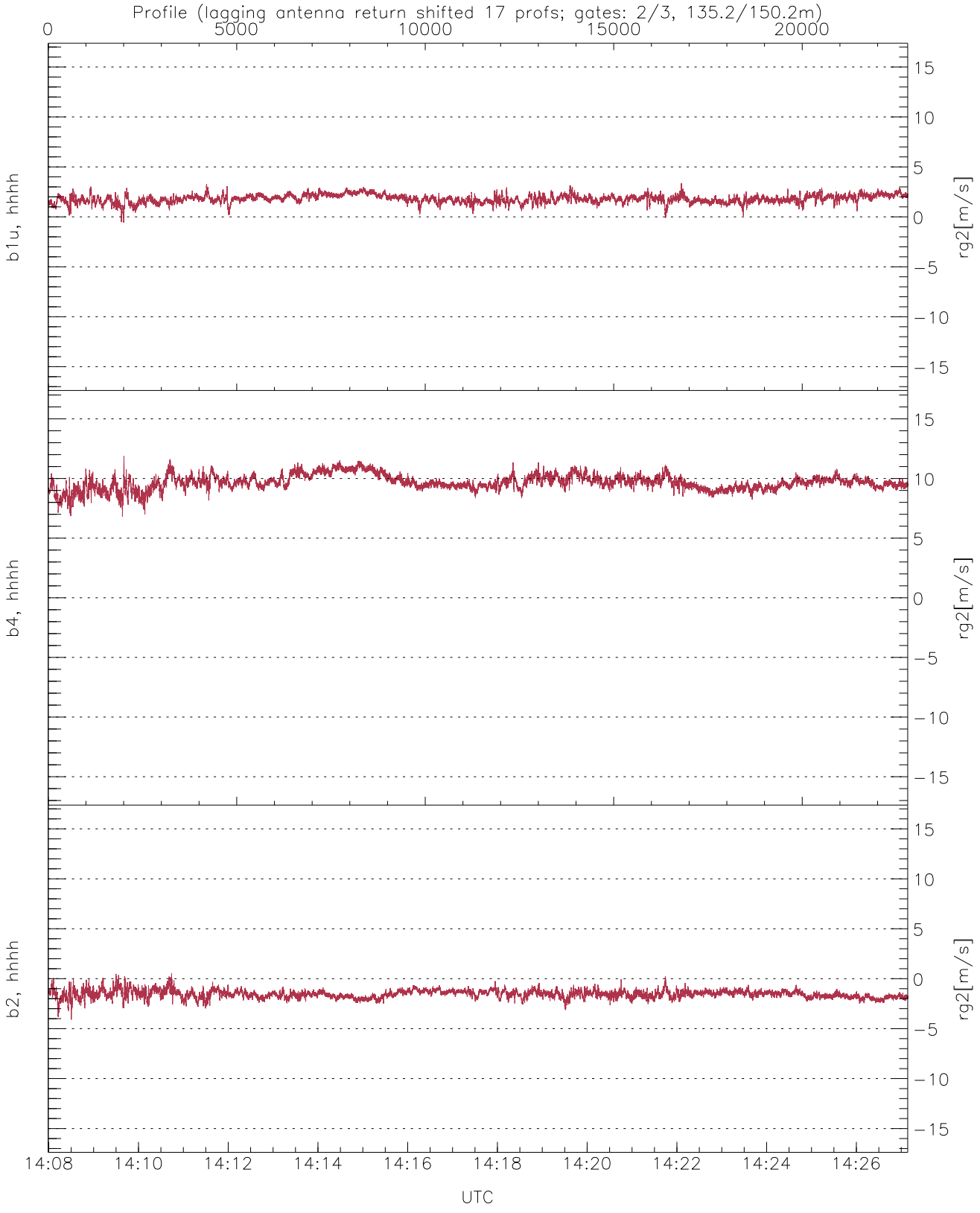
	Min	Max	Mean
up(hh[dBm])	-40.93	-14.41	-24.06
down-fore(hh[dBm])	-56.46	-16.83	-35.14
down(hh[dBm])	-52.07	-13.87	-27.30





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 2 (135 m)

	Min	Max	Mean
up/down(dB)	-16.60	26.47	4.75
down/down-fore(dB)	-6.37	18.72	8.58



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg2[m/s])	-0.55	3.38	1.80	0.41
b4, hhhh(rg2[m/s])	6.79	11.88	9.68	0.63
b2, hhhh(rg2[m/s])	-4.10	0.55	-1.54	0.40