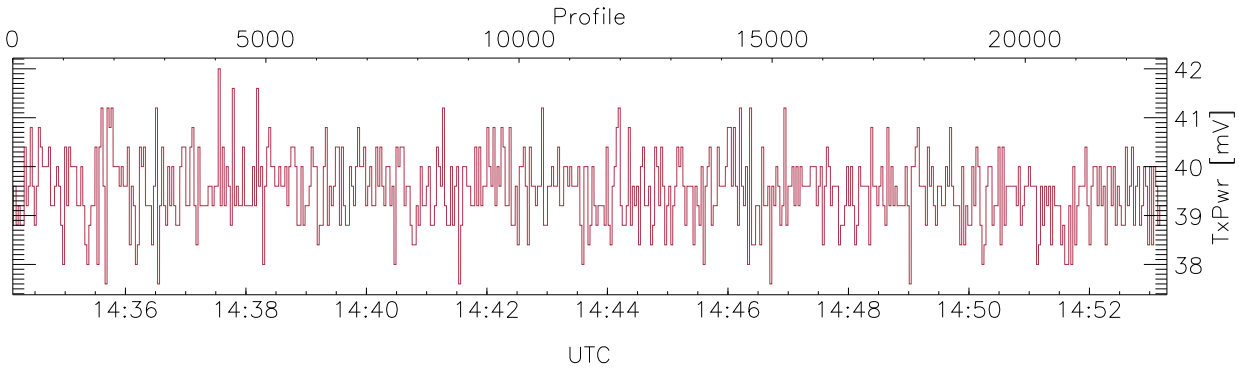
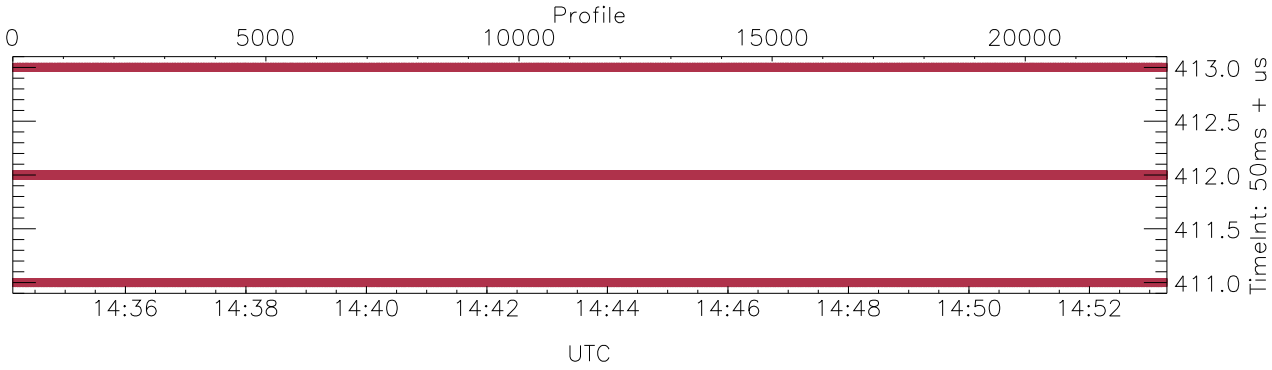
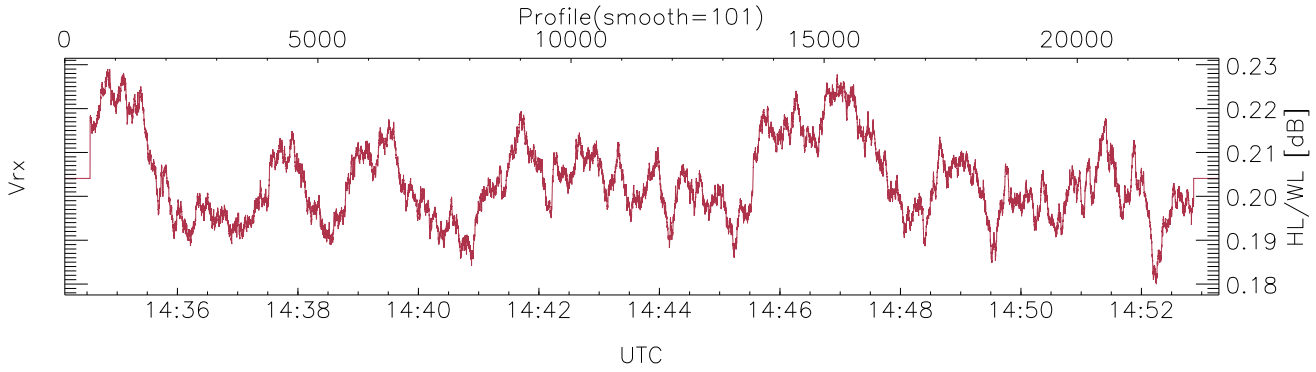
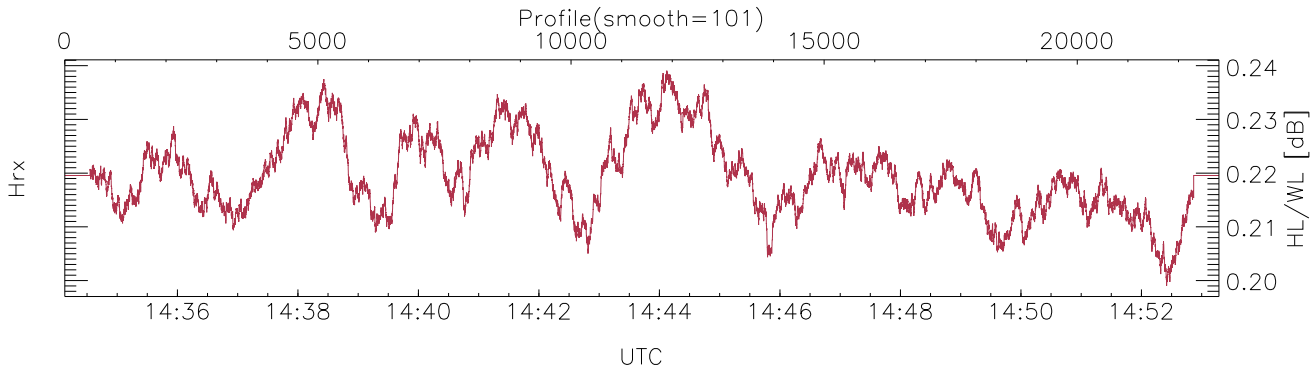


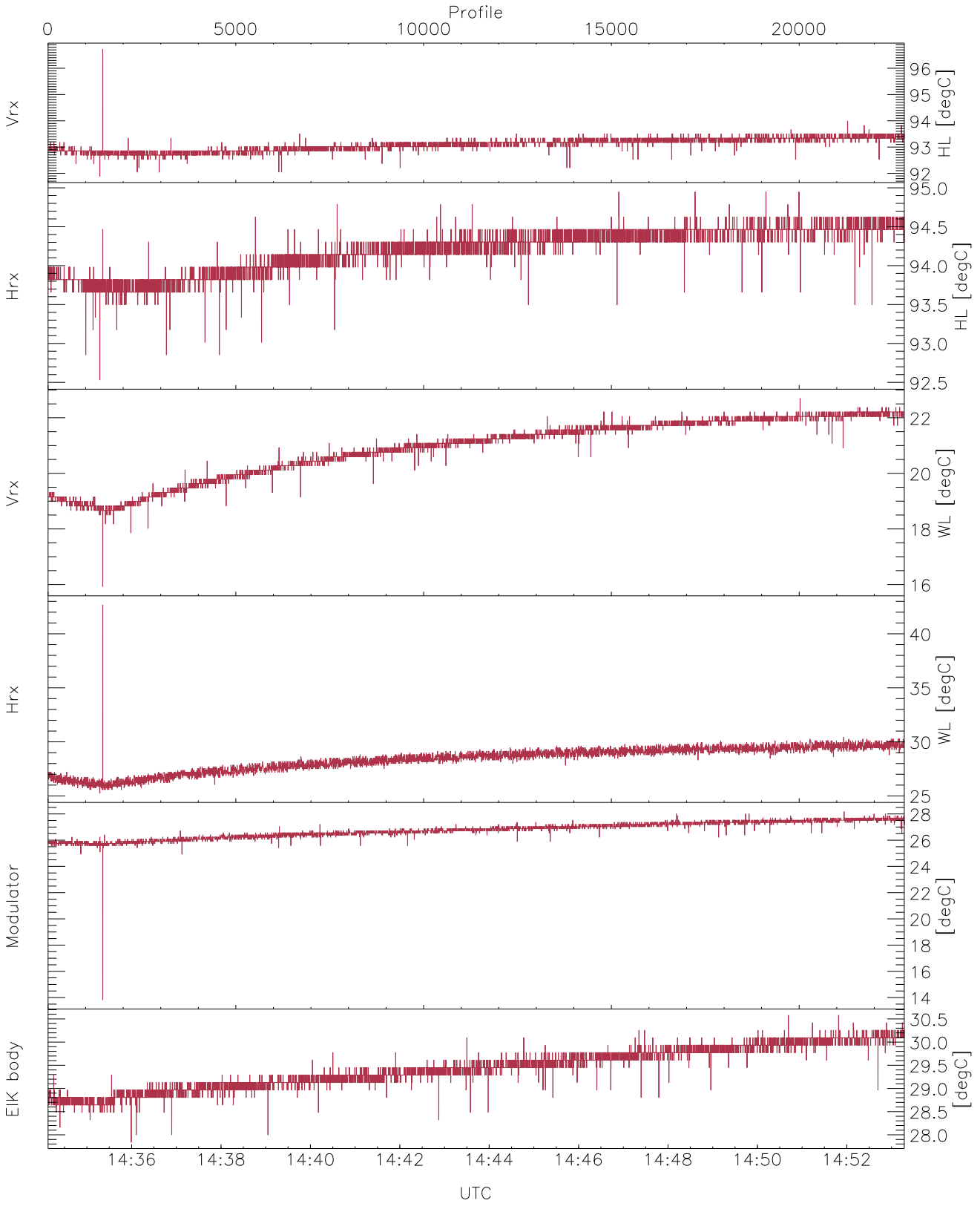






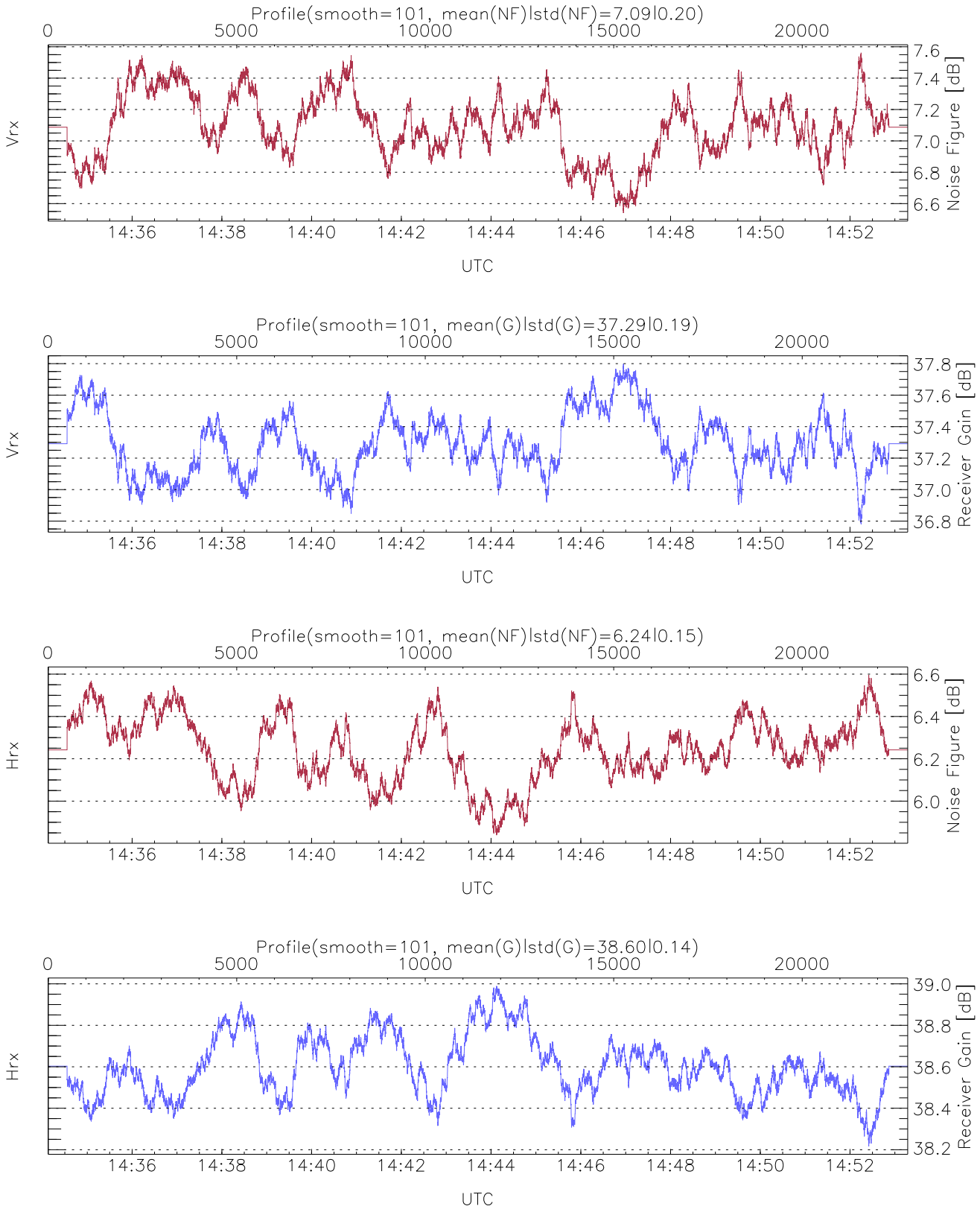
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:34:08-15:00:49, Dur: 1601.36s
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): 22800/31766, 0-22799/14:34:08-14:53:17
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



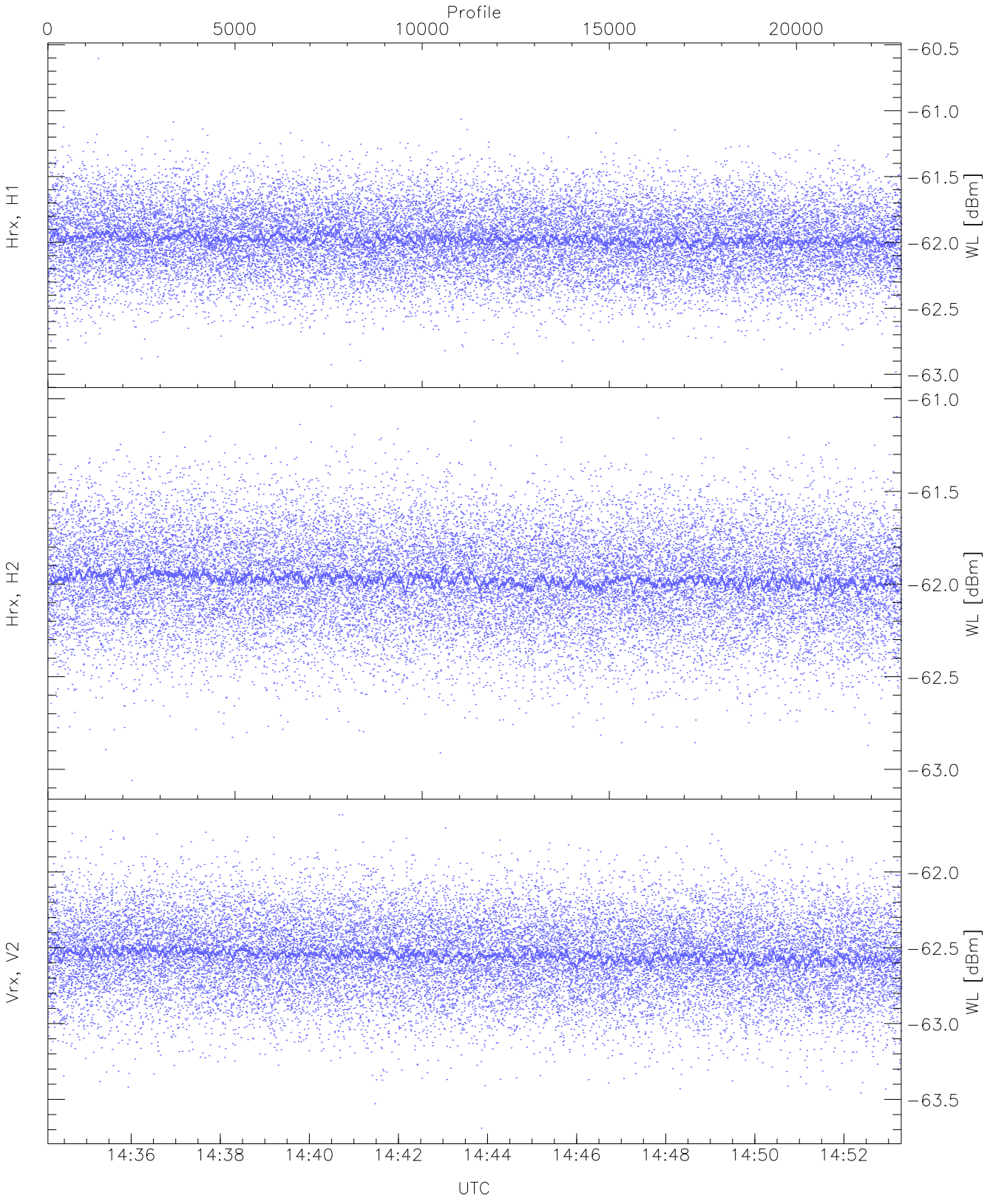
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,15,25,13,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 96,94,22,42,28,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
HVPS (5)



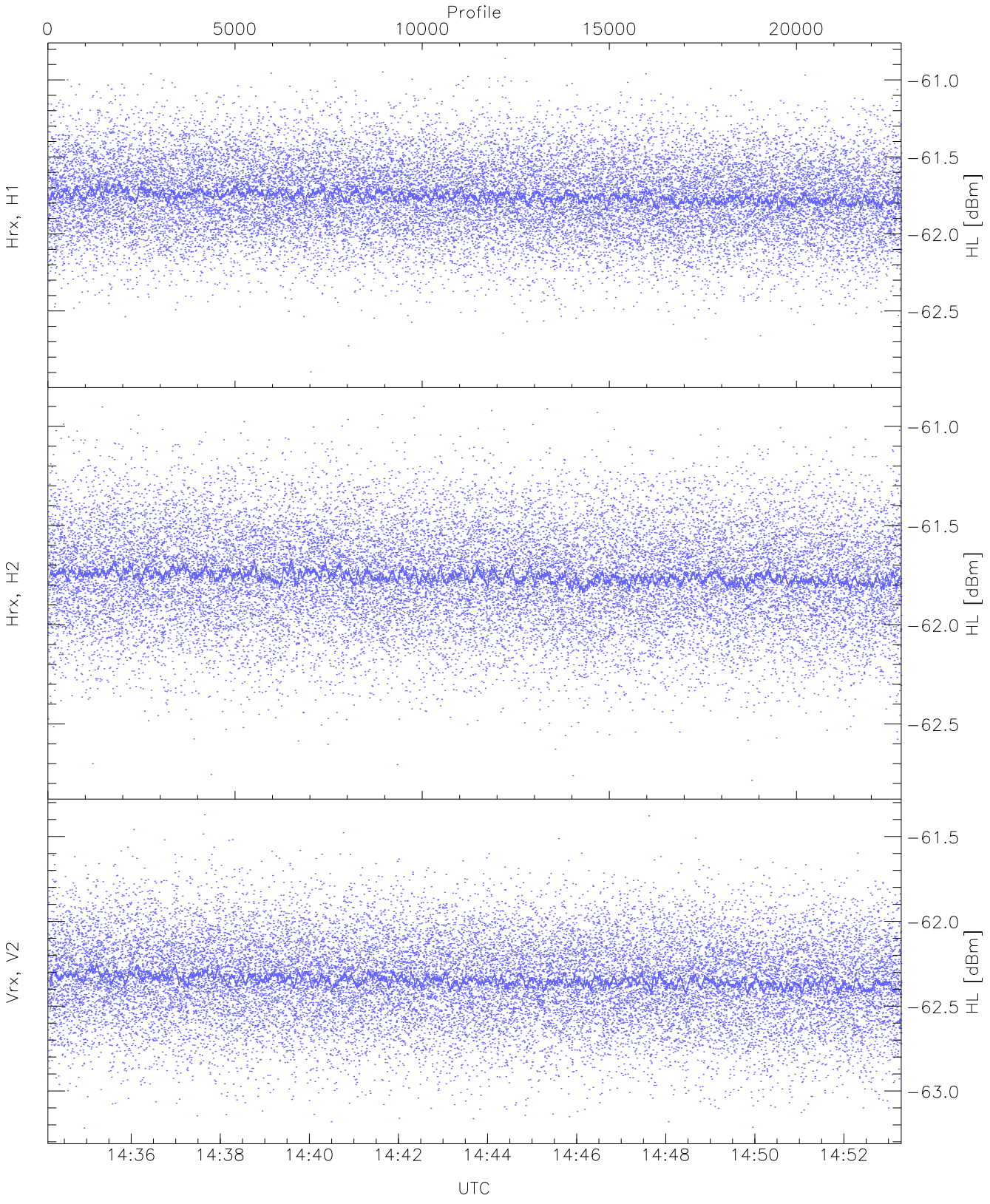
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 11370 pixs, 36 gates, 11252 profs, 2 prods



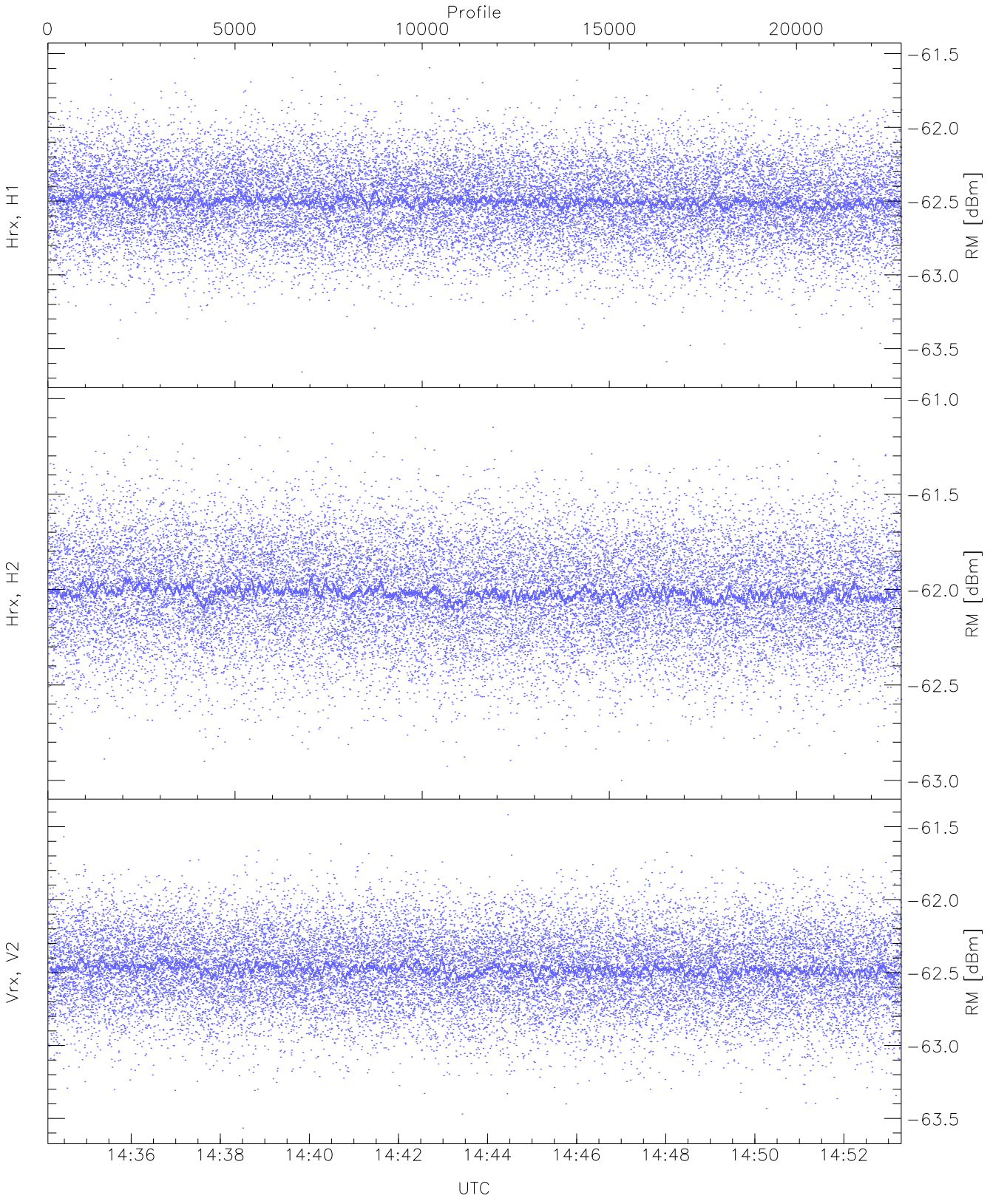
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.98	-60.60	-61.97	-61.98	-74.53
Hrx, H2(WL [dBm])	-63.06	-61.04	-61.97	-61.98	-74.58
Vrx, V2(WL [dBm])	-63.69	-61.62	-62.55	-62.55	-75.10



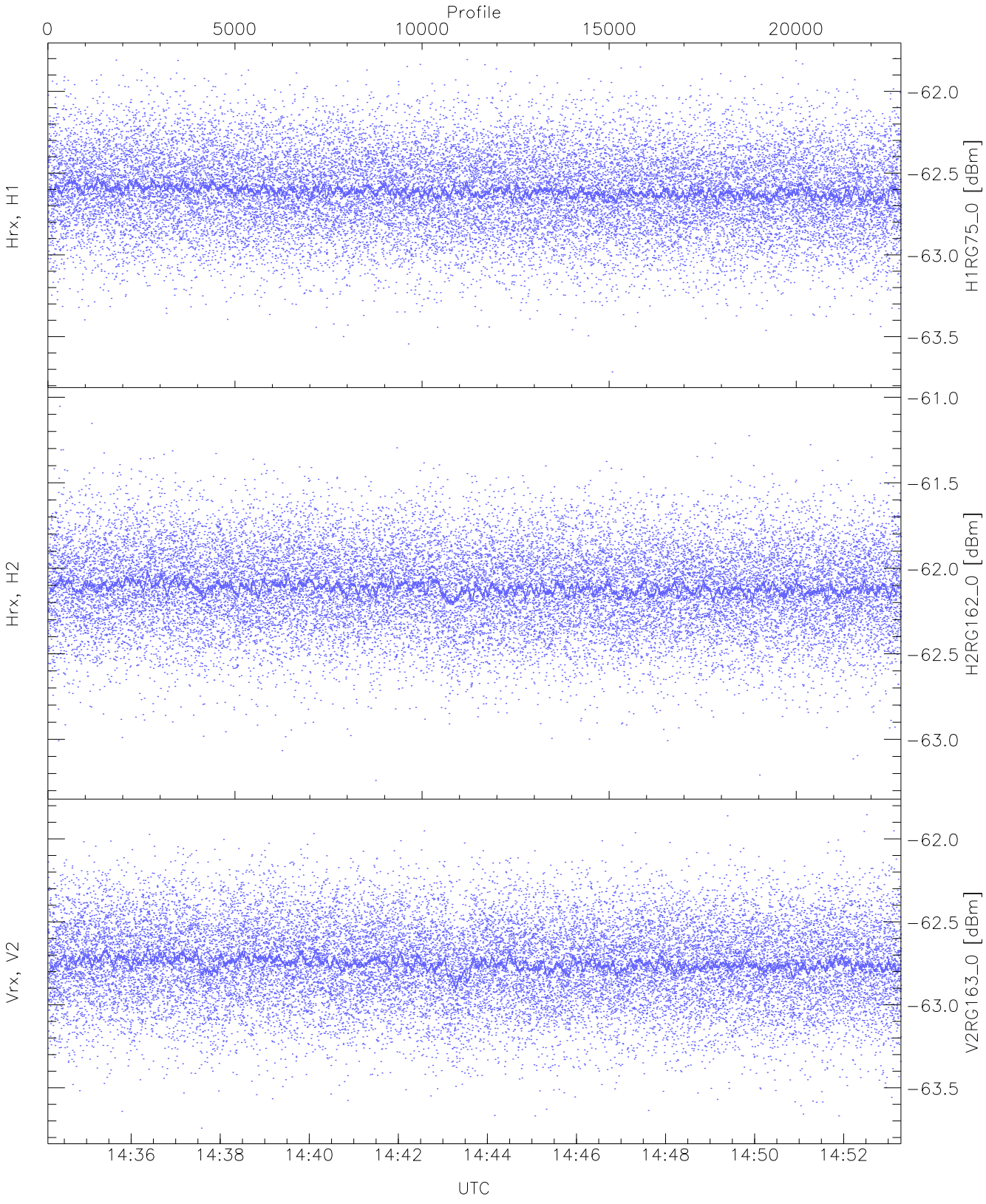
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.90	-60.86	-61.75	-61.76	-74.32
Hrx, H2(HL [dBm])	-62.78	-60.90	-61.75	-61.76	-74.33
Vrx, V2(HL [dBm])	-63.22	-61.37	-62.34	-62.35	-74.86



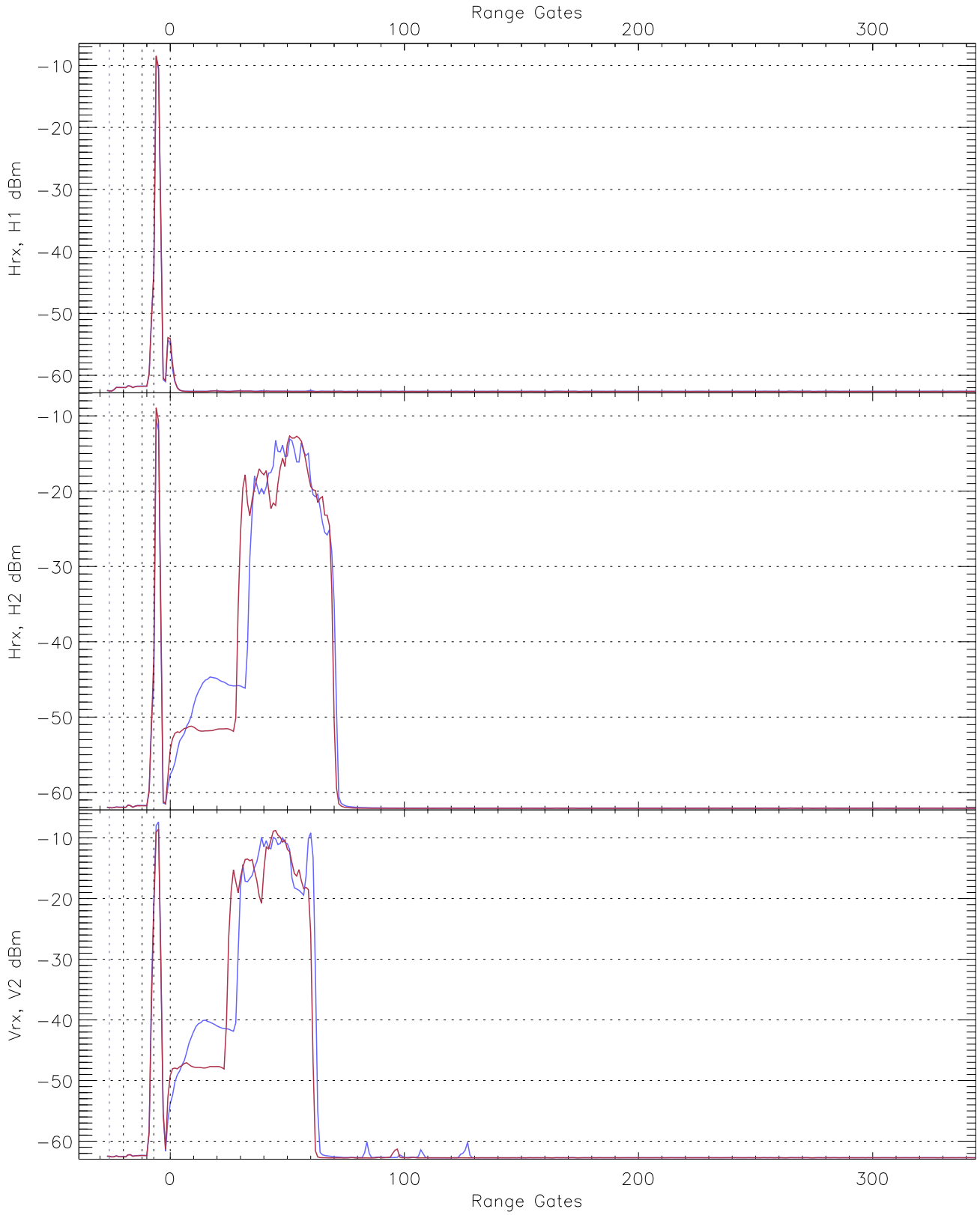
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.66	-61.53	-62.50	-62.50	-75.08
Hrx, H2(RM [dBm])	-63.00	-61.04	-62.01	-62.02	-74.59
Vrx, V2(RM [dBm])	-63.57	-61.42	-62.47	-62.48	-74.97

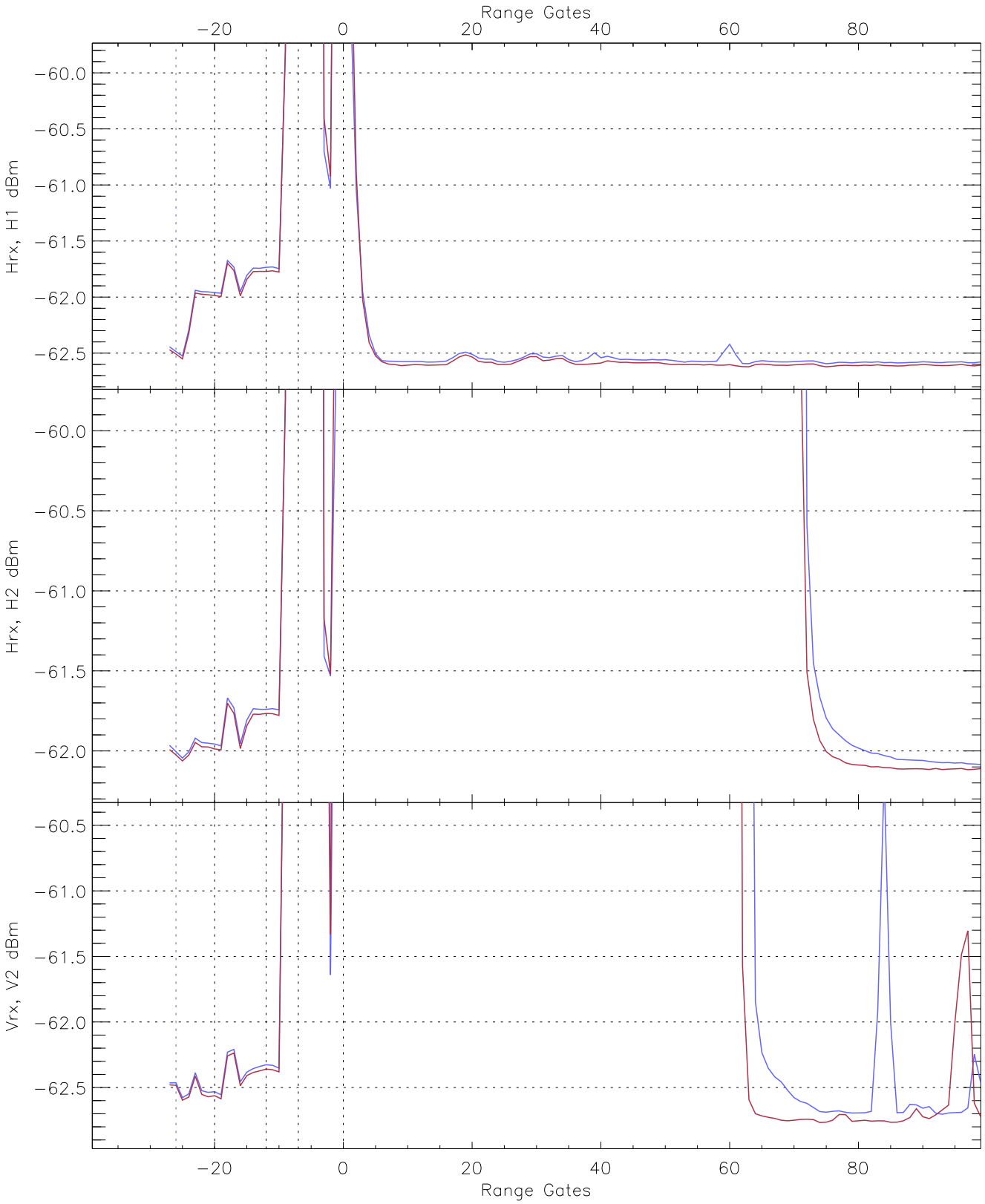


WCR2 CPP "Best" estimate Receivers Noise Power

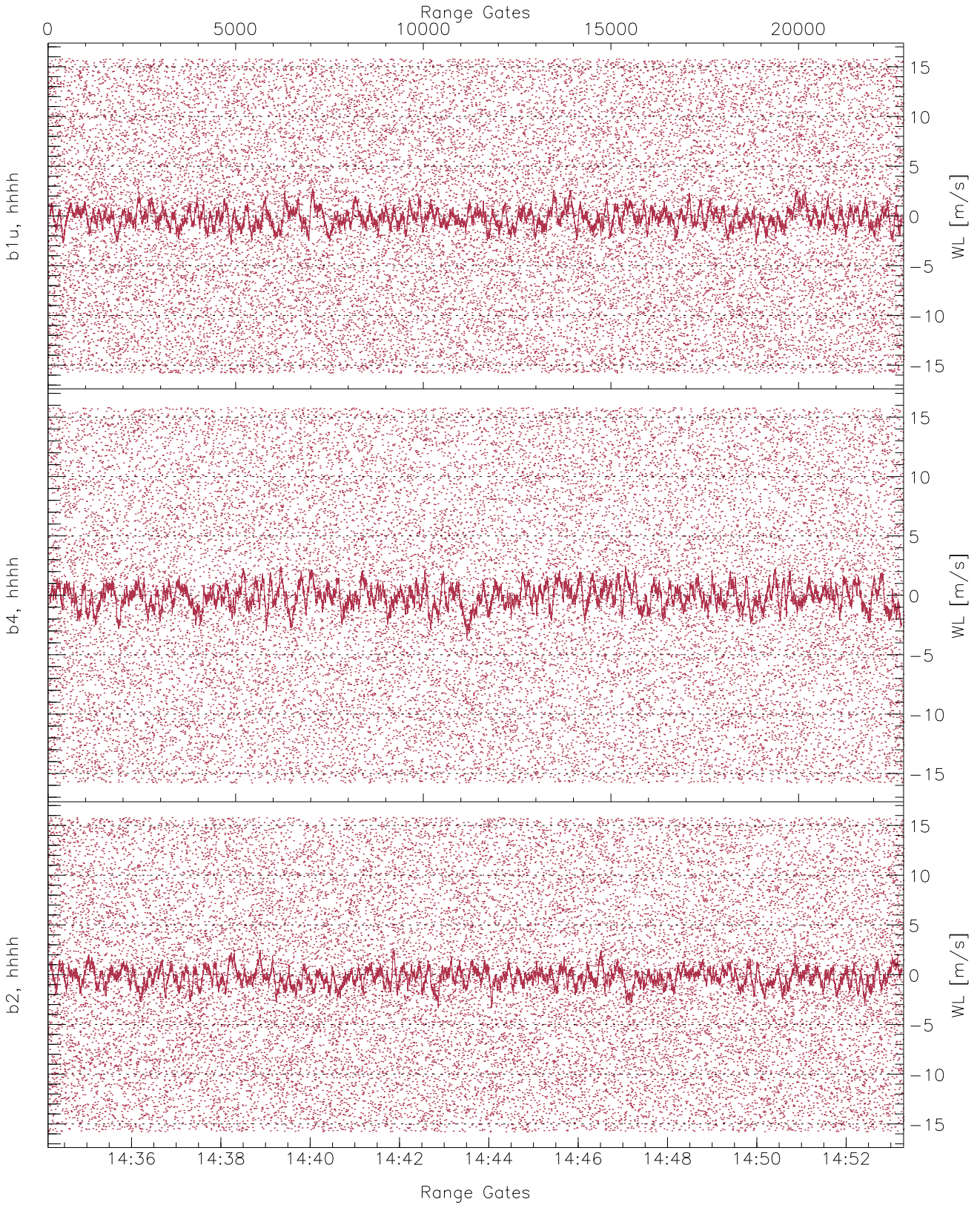
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.72	-61.80	-62.61	-62.61	-75.17
H2RG162_0 [dBm]	-63.24	-61.05	-62.11	-62.11	-74.68
V2RG163_0 [dBm]	-63.74	-61.85	-62.75	-62.75	-75.29



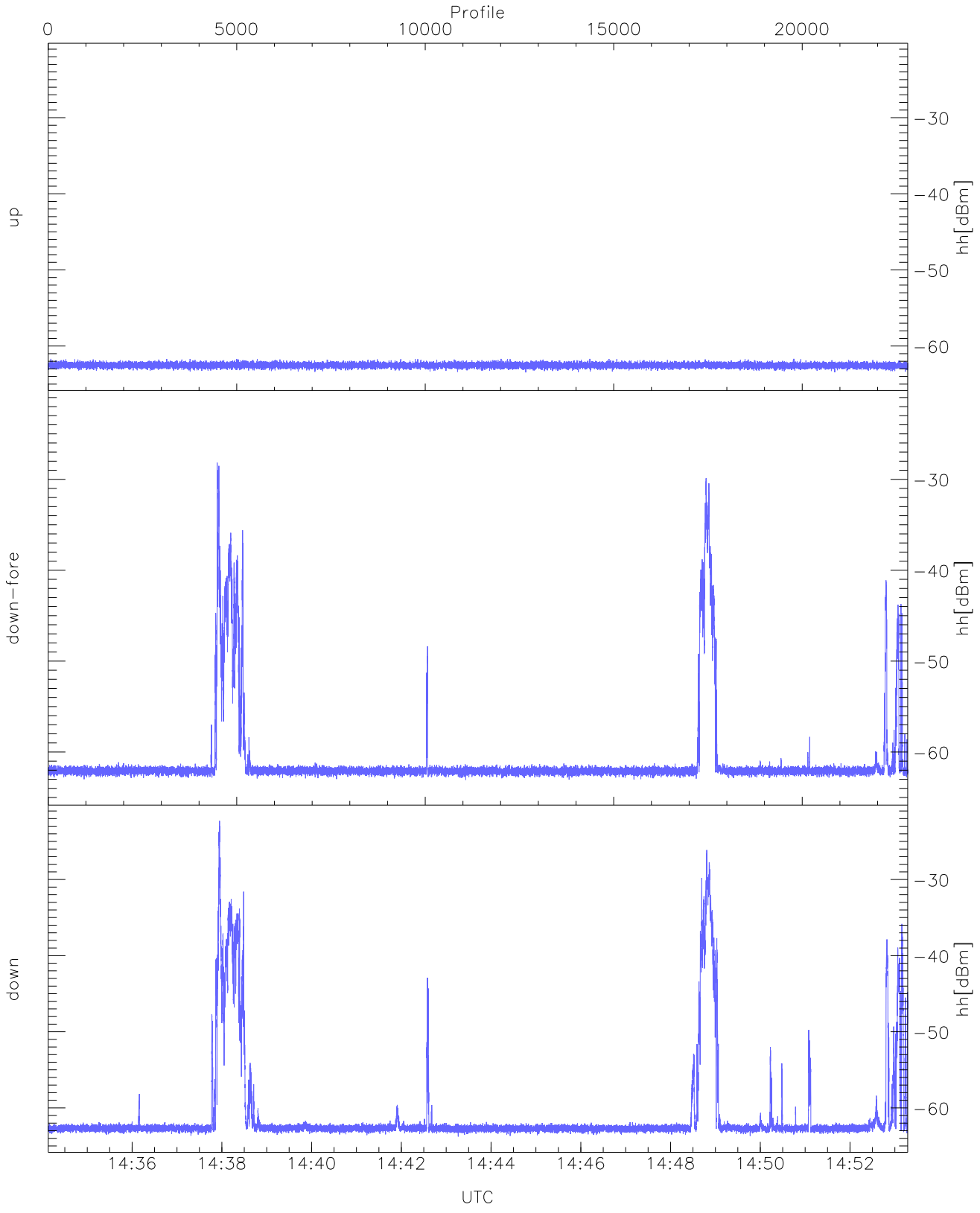
WCR2 CPP Averaged Received power for all recorded gates
blue: 143408-144343, 11401 profiles averaged
red: 144343-145317, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 143408-144343, 11401 profiles averaged
red: 144343-145317, 11400 profiles averaged

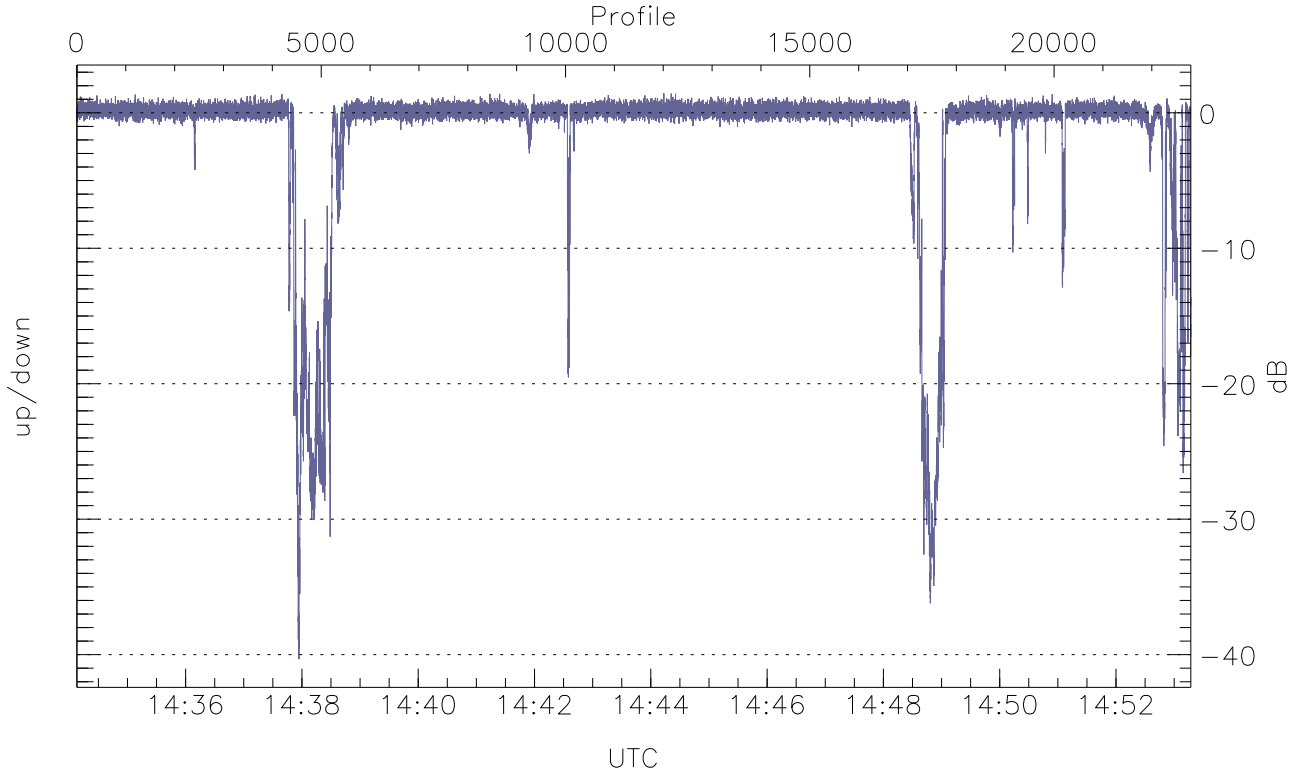


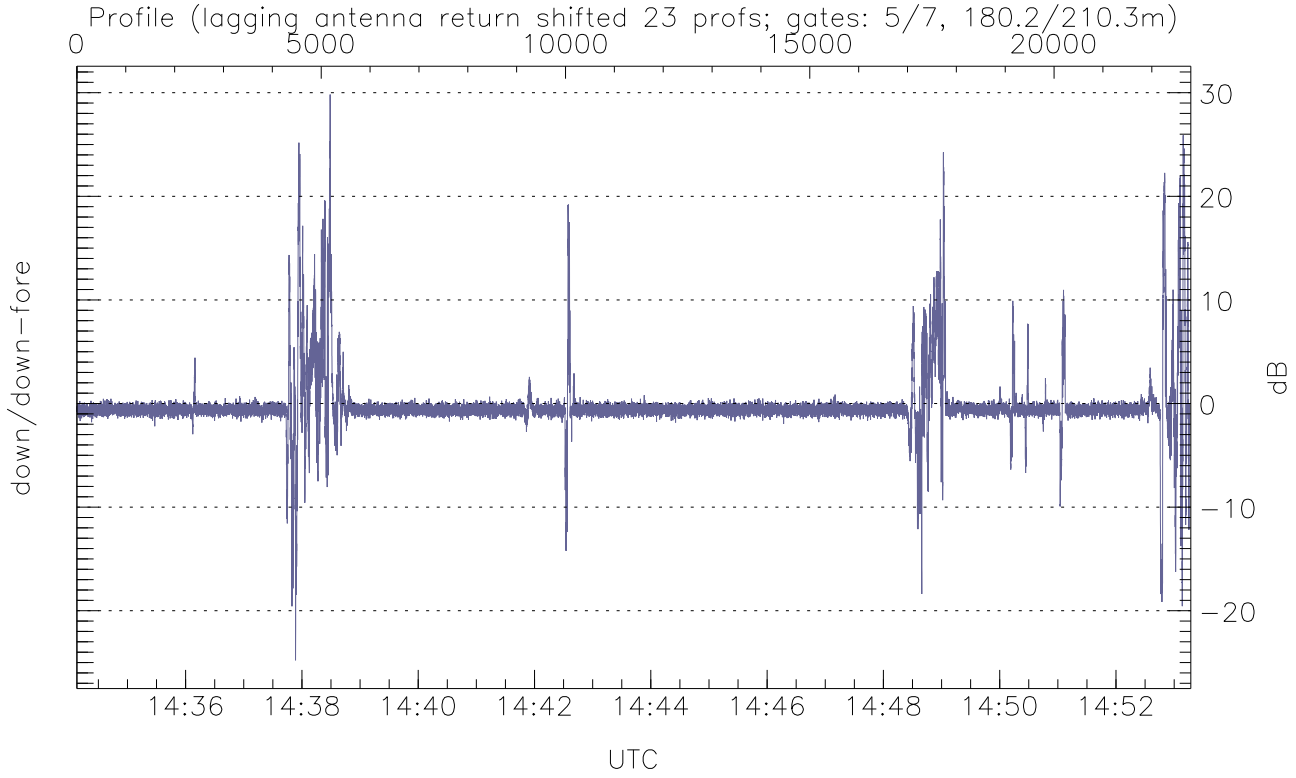
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

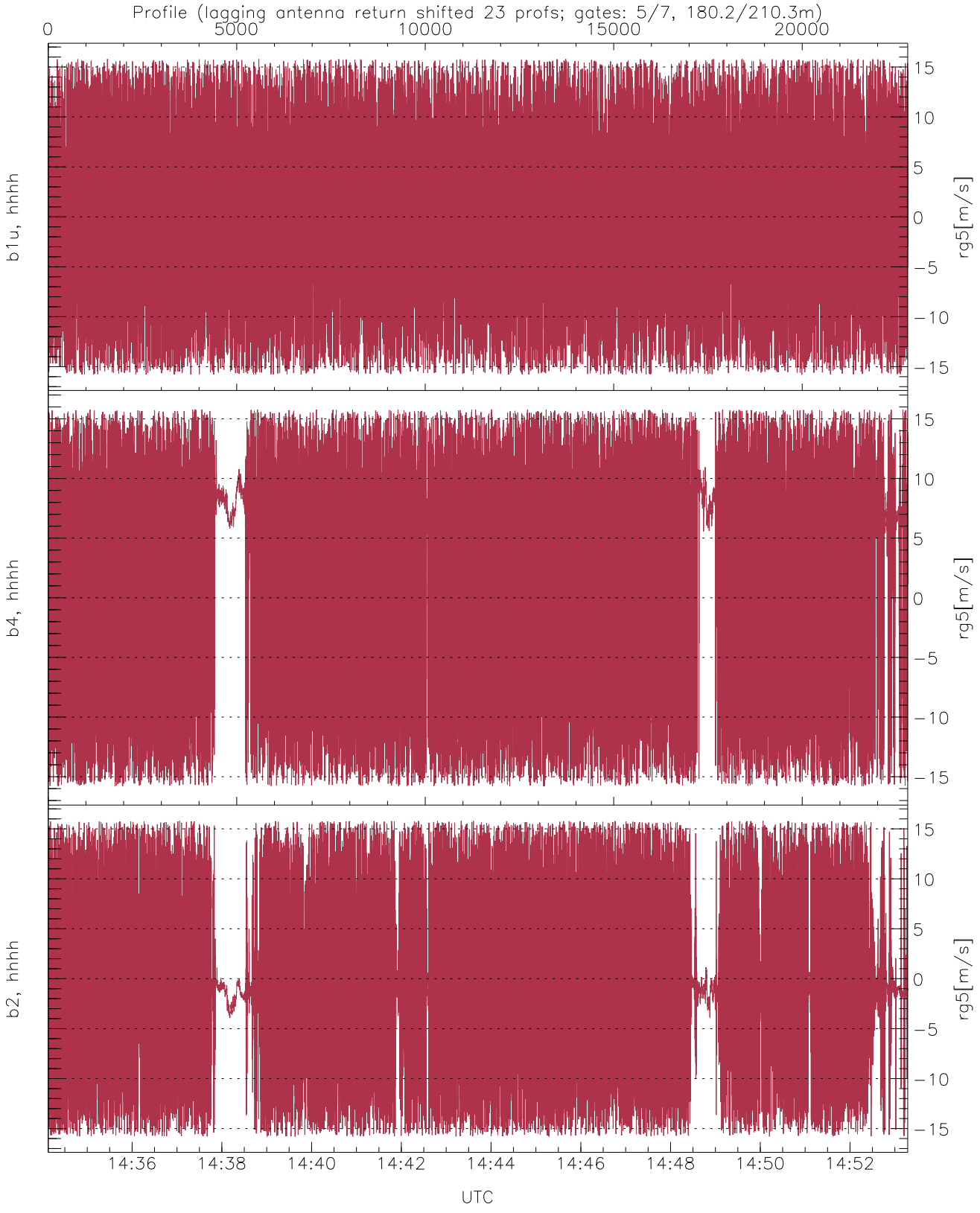
	Min	Max	Mean
up(hh[dBm])	-63.47	-61.67	-62.51
down-fore(hh[dBm])	-63.06	-28.17	-52.21
down(hh[dBm])	-63.76	-22.30	-47.50





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

	Min	Max	Mean
up/down(dB)	-40.33	1.44	-1.56
down/down-fore(dB)	-24.78	29.83	-0.22



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	-0.12	8.21
b4, hhhh(rg5[m/s])	-15.80	15.80	0.75	8.94
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.59	8.25