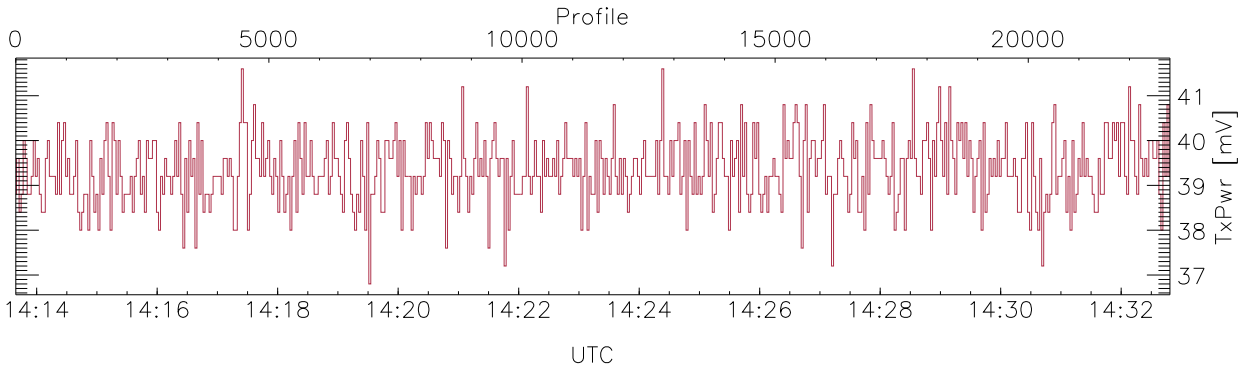
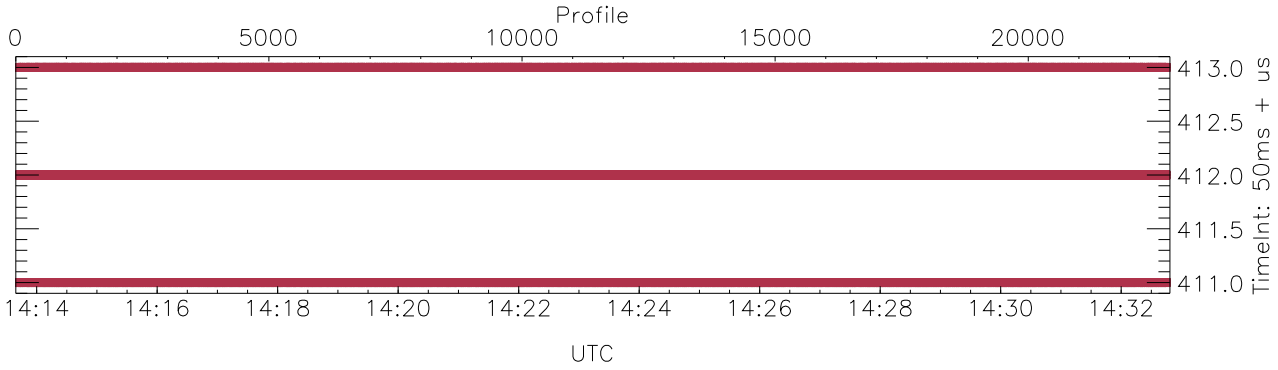
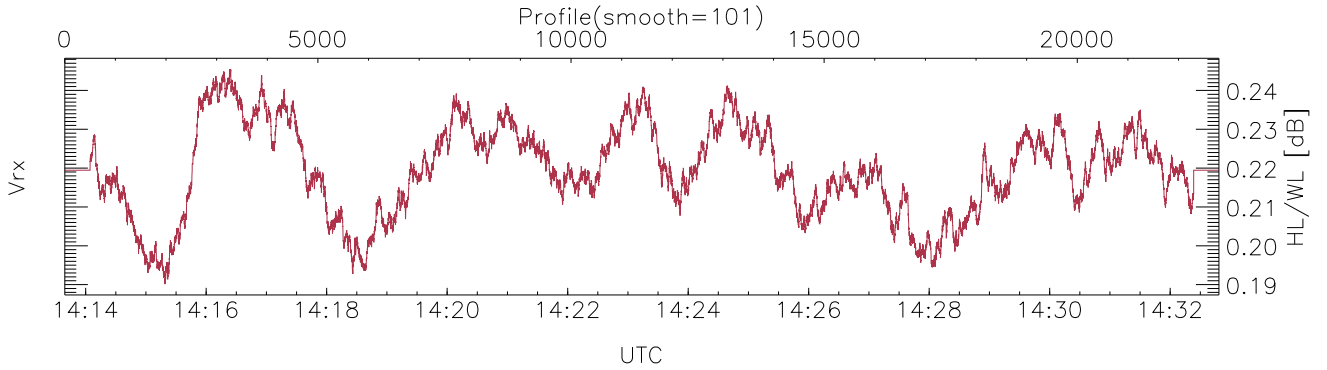
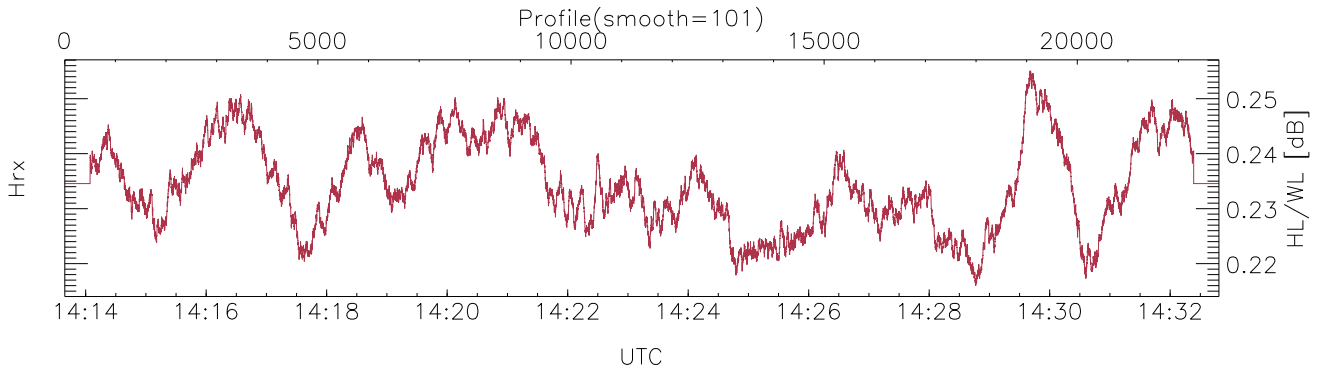


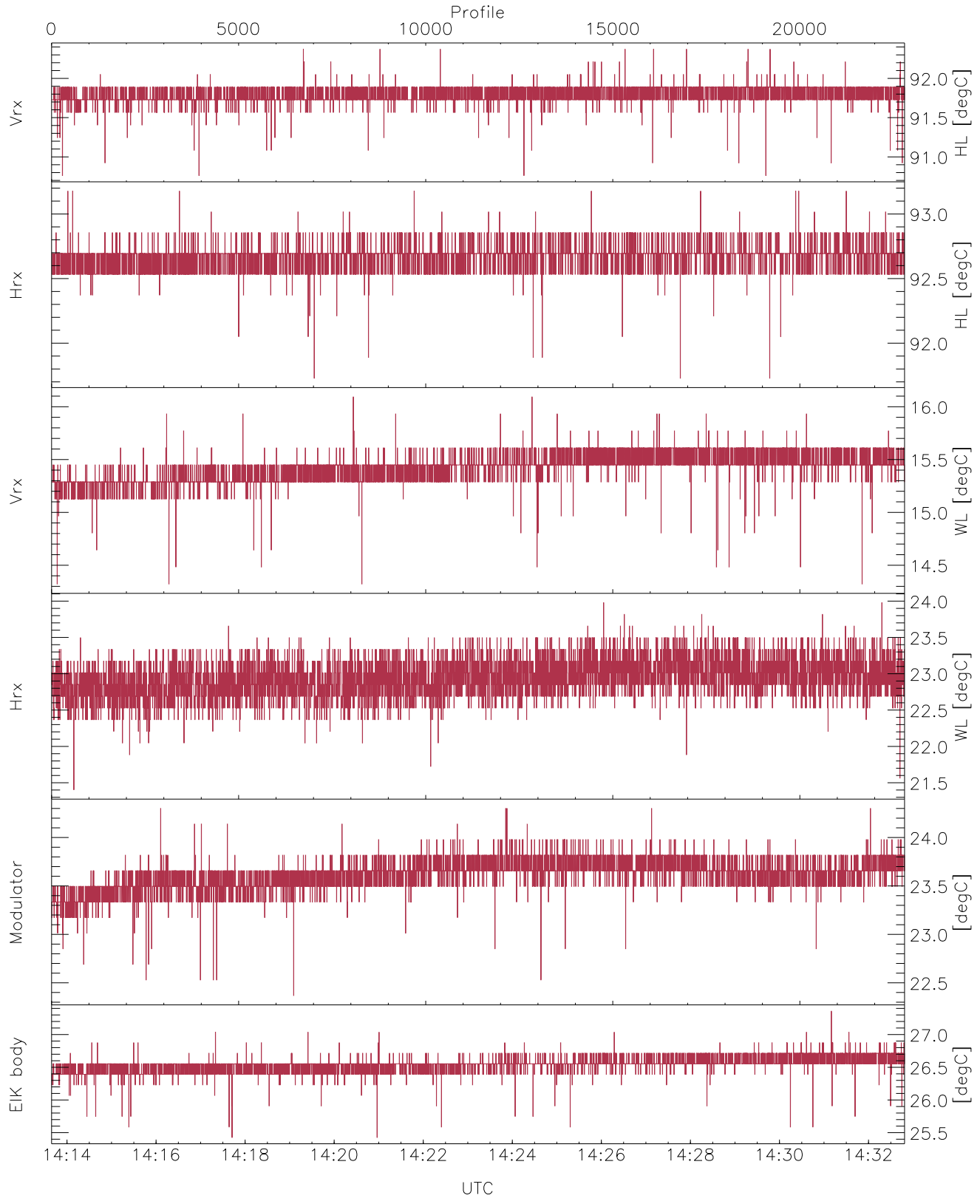






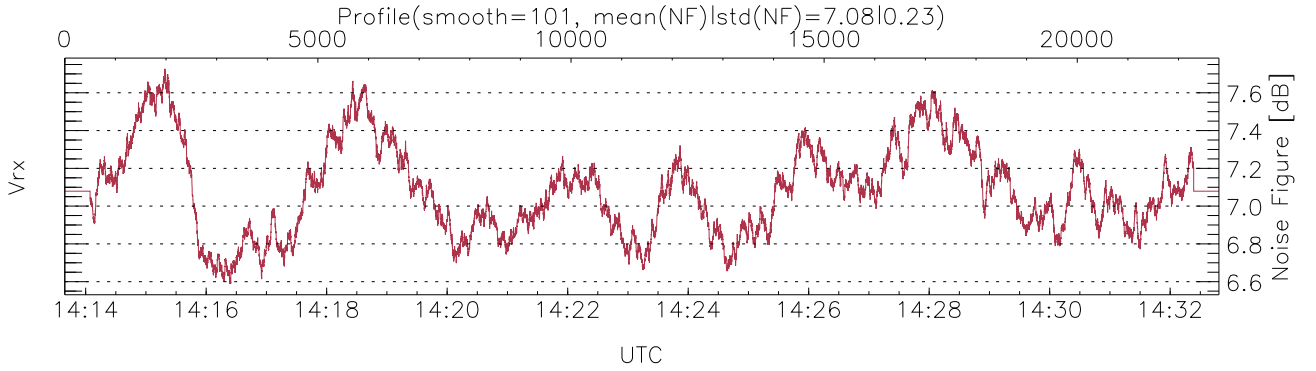
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

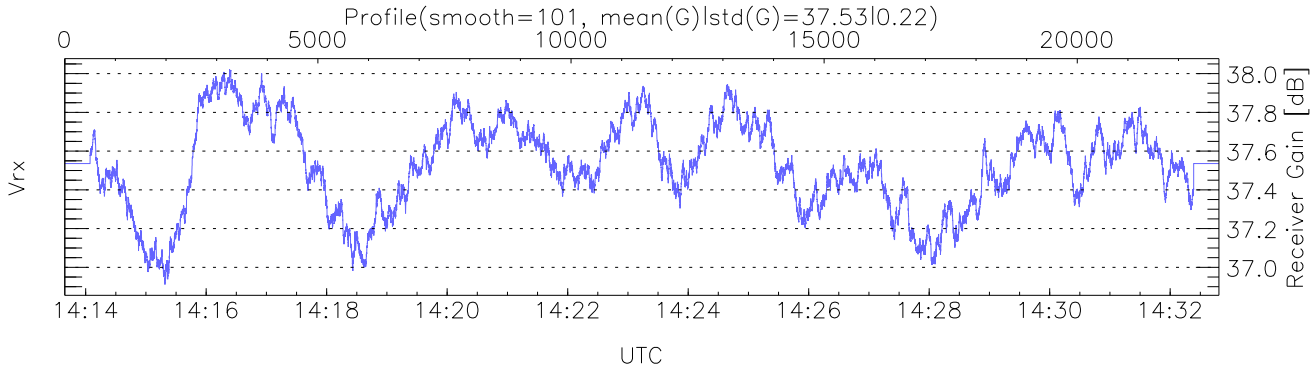
UTC: 14:13:39-14:41:57, Dur: 1698.20s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/33687, 0-22799/14:13:39-14:32:49
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

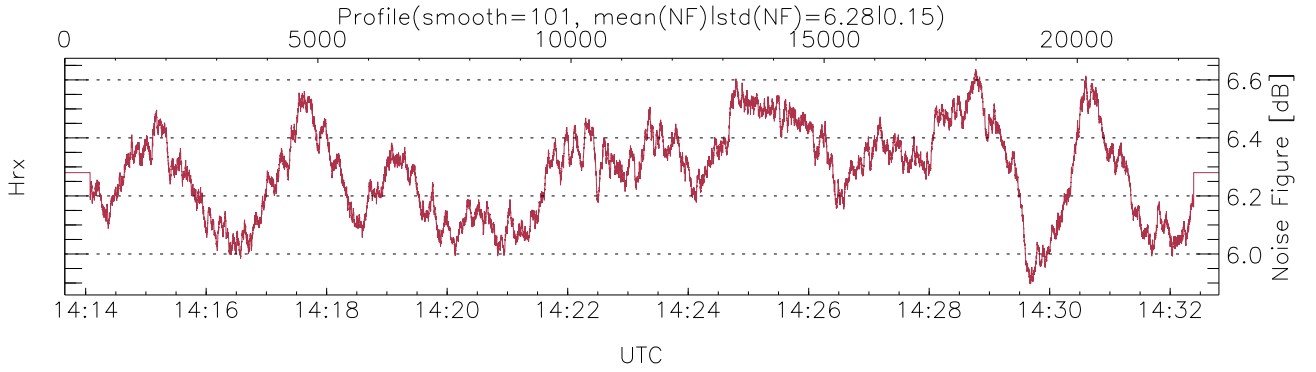


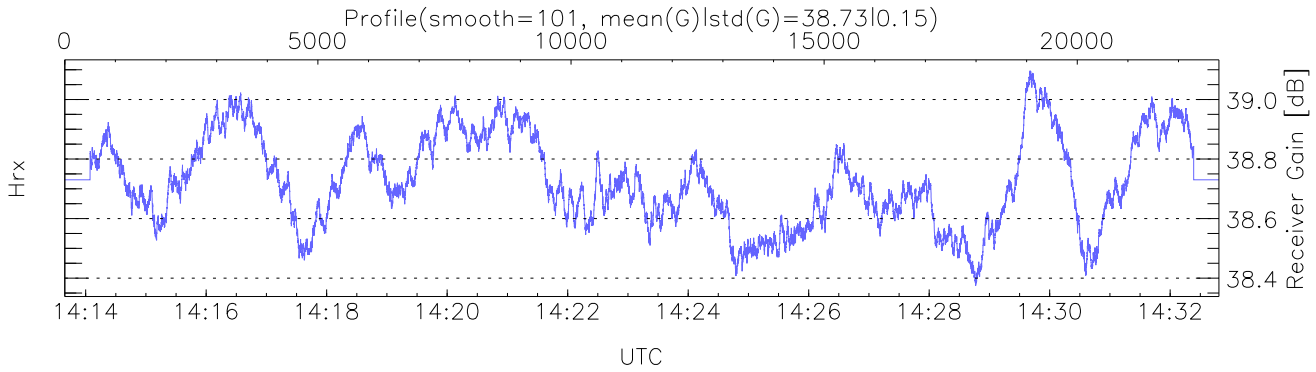
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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 (5,5,5,5,5)



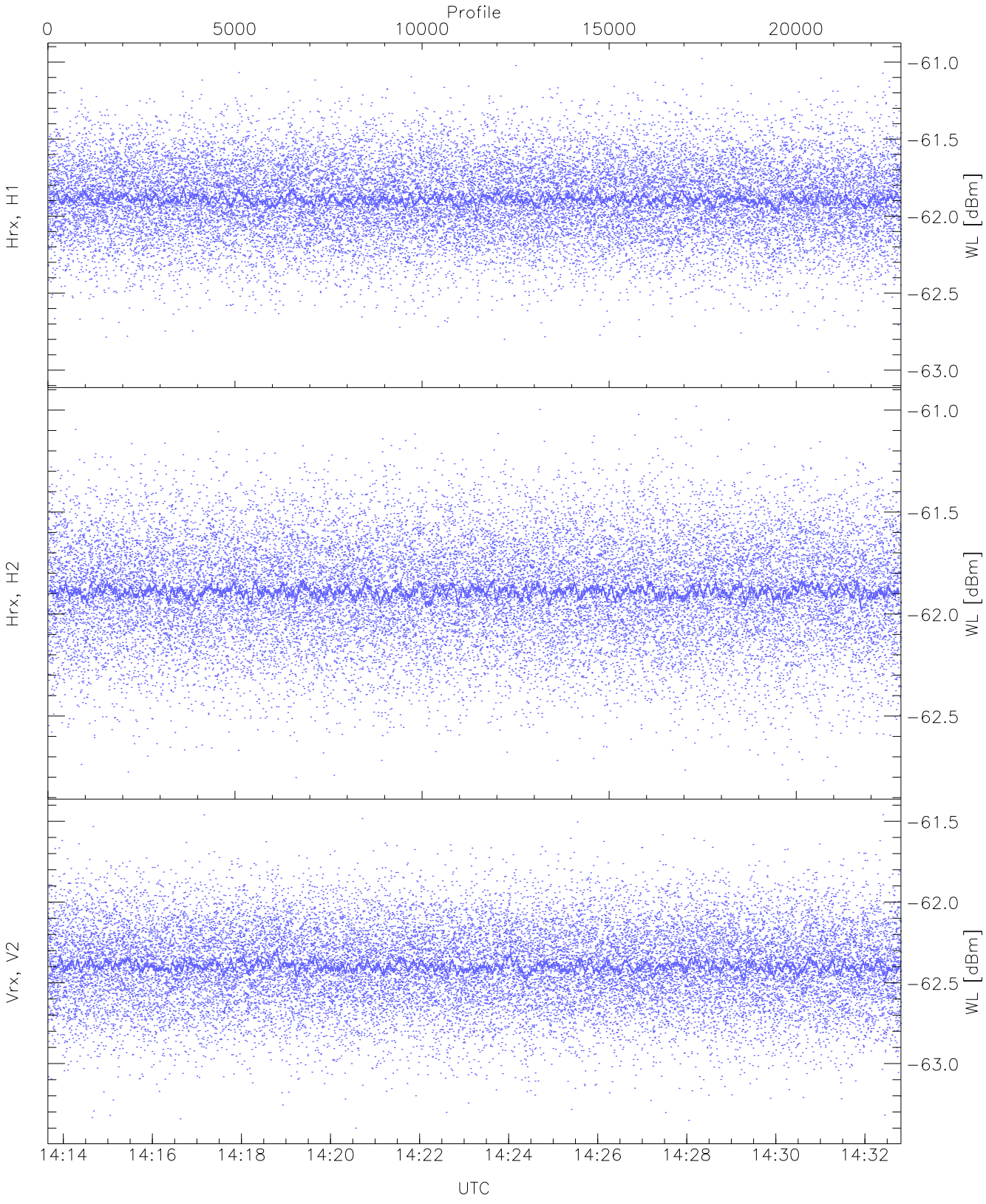






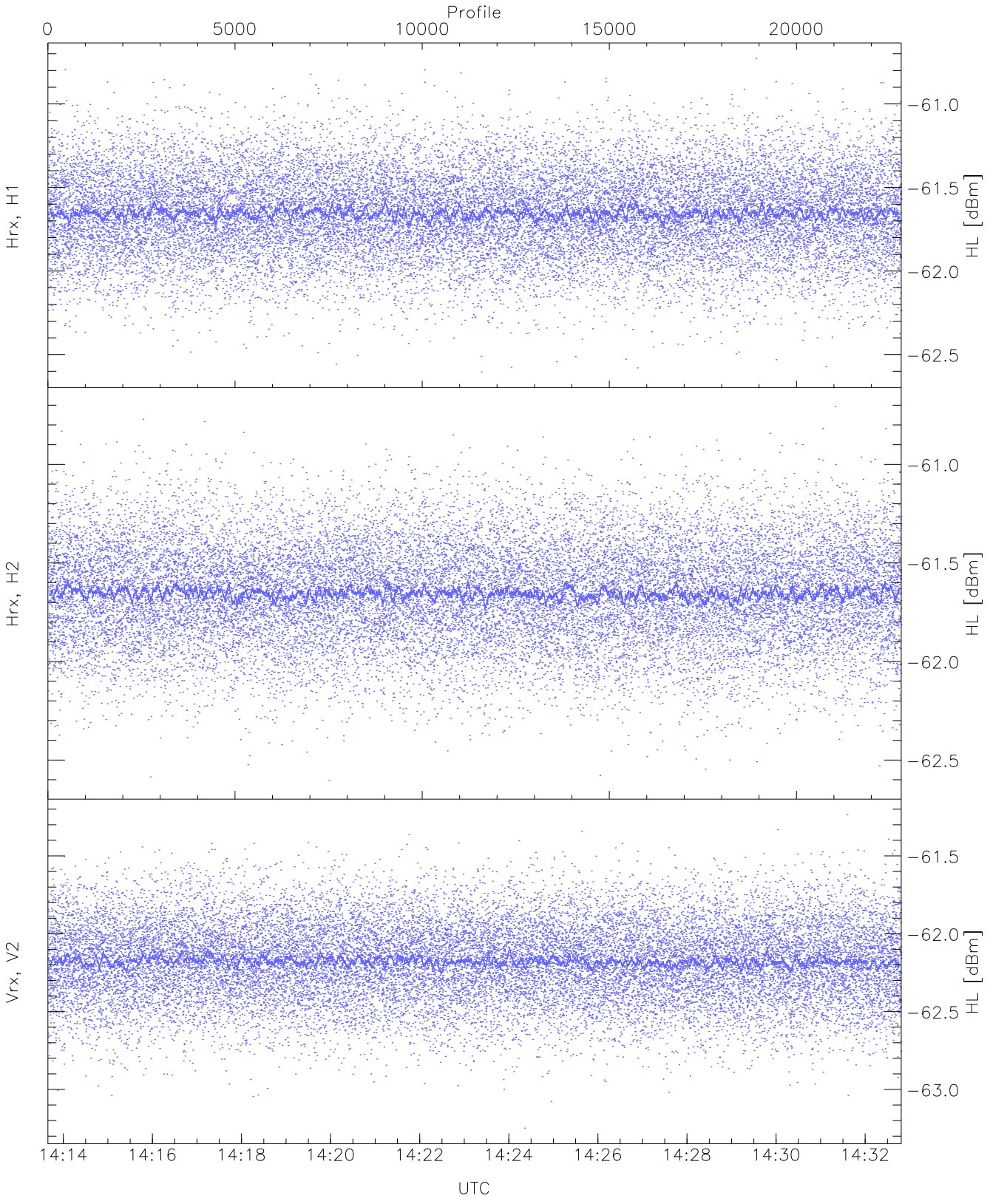
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 15387 pixs, 10 gates, 13838 profs, 1 prods



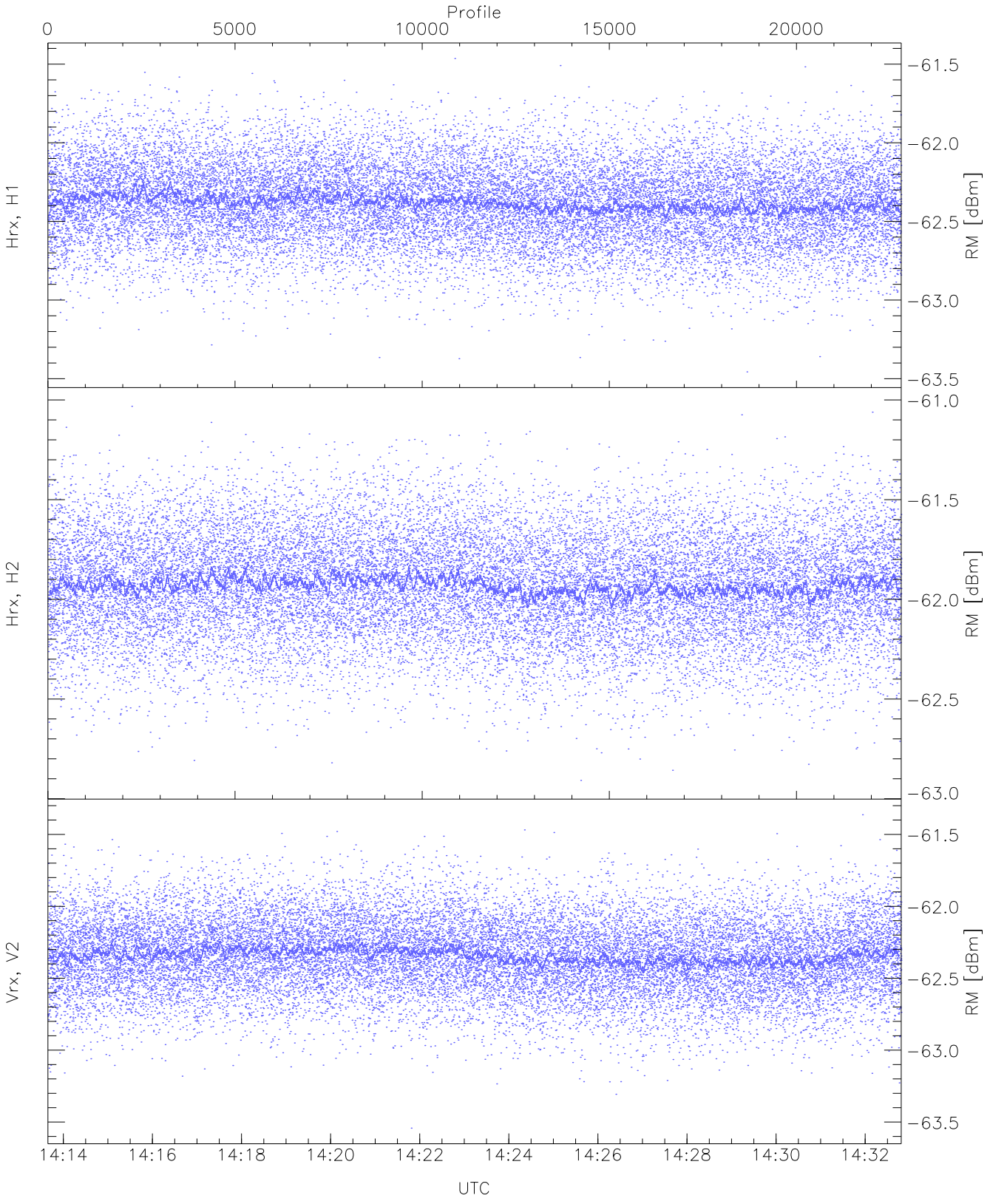
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.01	-60.98	-61.89	-61.89	-74.46
Hrx, H2(WL [dBm])	-62.82	-60.98	-61.89	-61.89	-74.43
Vrx, V2(WL [dBm])	-63.40	-61.46	-62.39	-62.40	-74.92



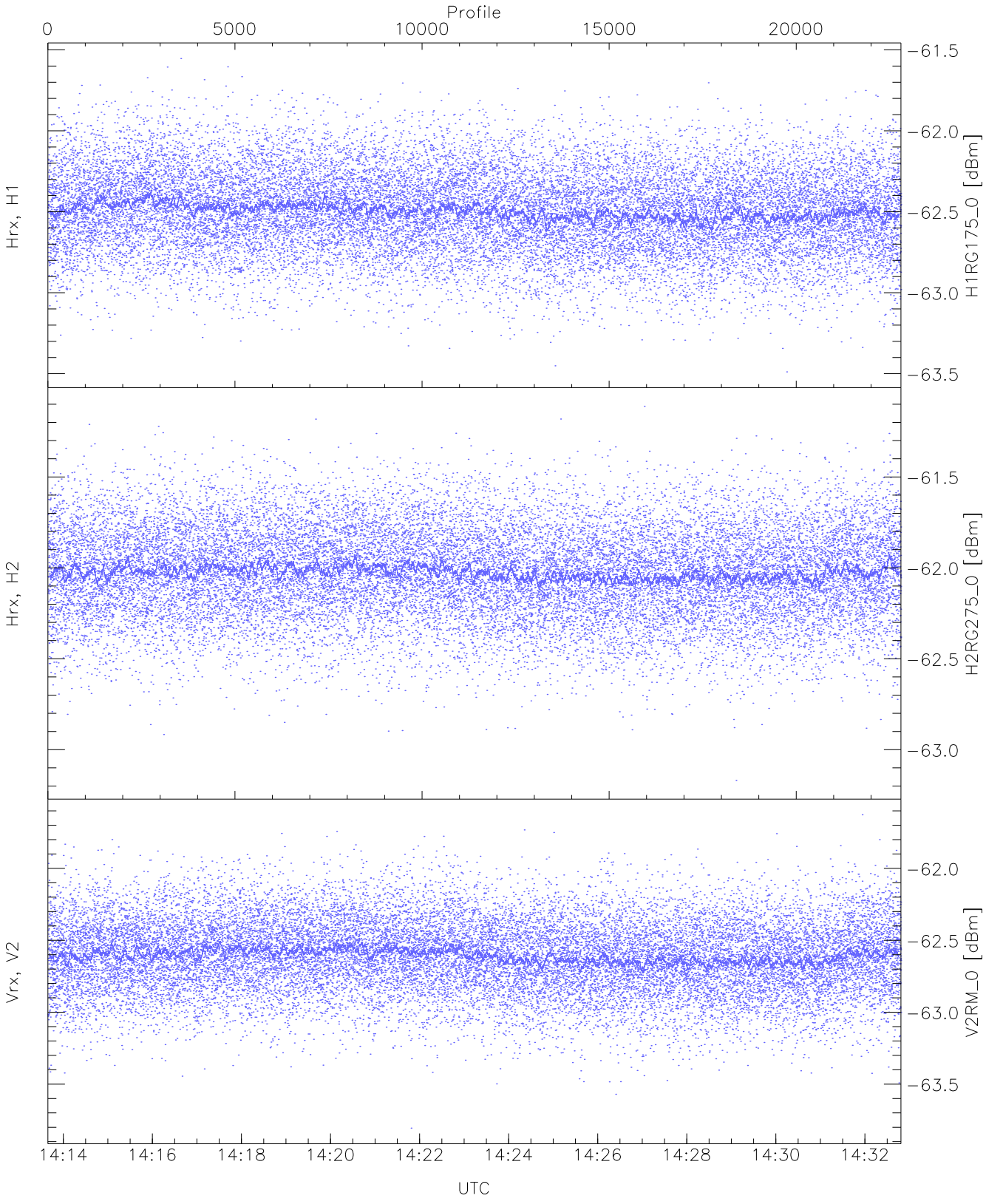
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.60	-60.73	-61.65	-61.66	-74.21
Hrx, H2(HL [dBm])	-62.60	-60.71	-61.65	-61.66	-74.23
Vrx, V2(HL [dBm])	-63.25	-61.24	-62.17	-62.18	-74.74



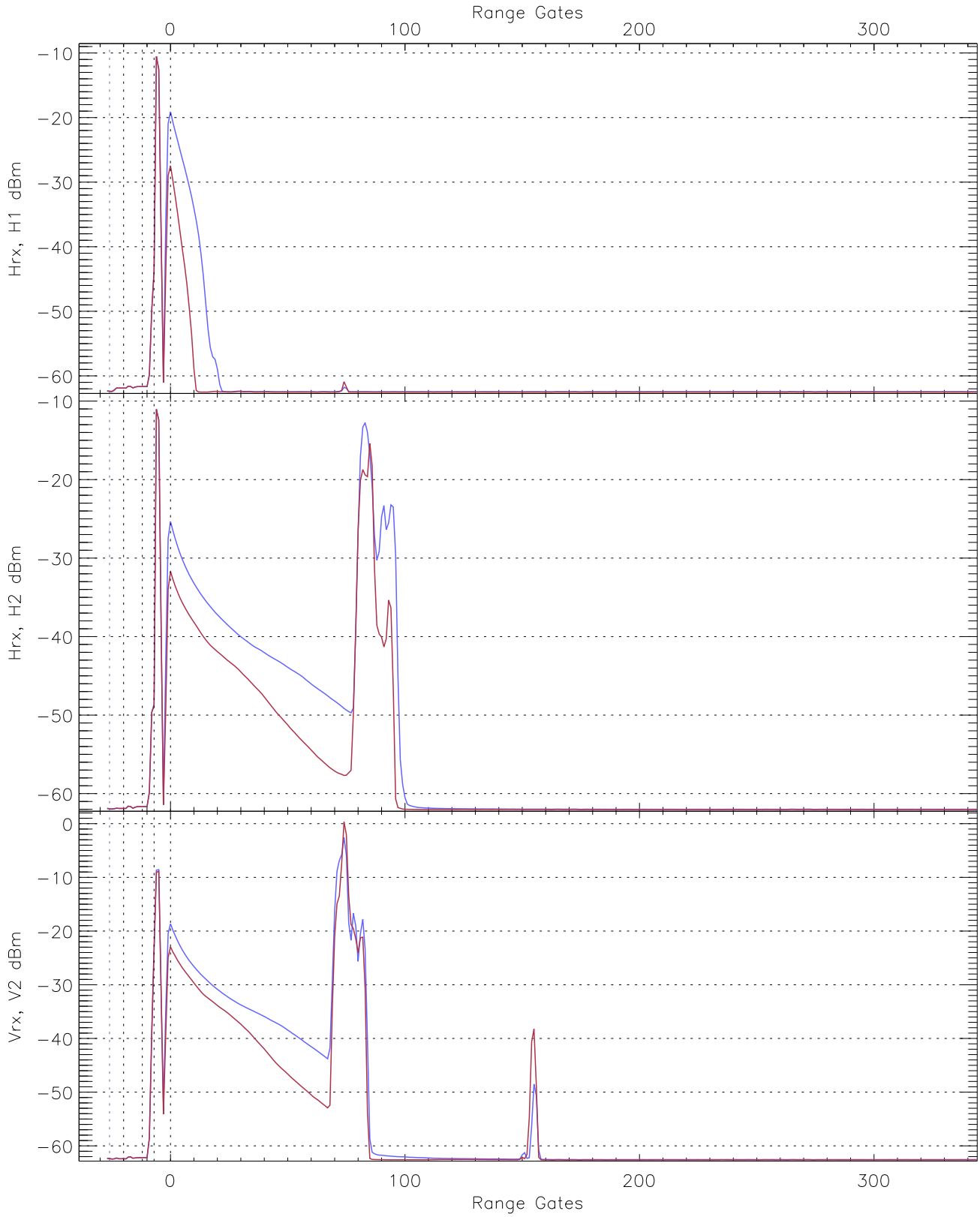
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.46	-61.46	-62.38	-62.38	-74.94
Hrx, H2(RM [dBm])	-62.91	-61.03	-61.93	-61.93	-74.46
Vrx, V2(RM [dBm])	-63.54	-61.36	-62.34	-62.34	-74.86

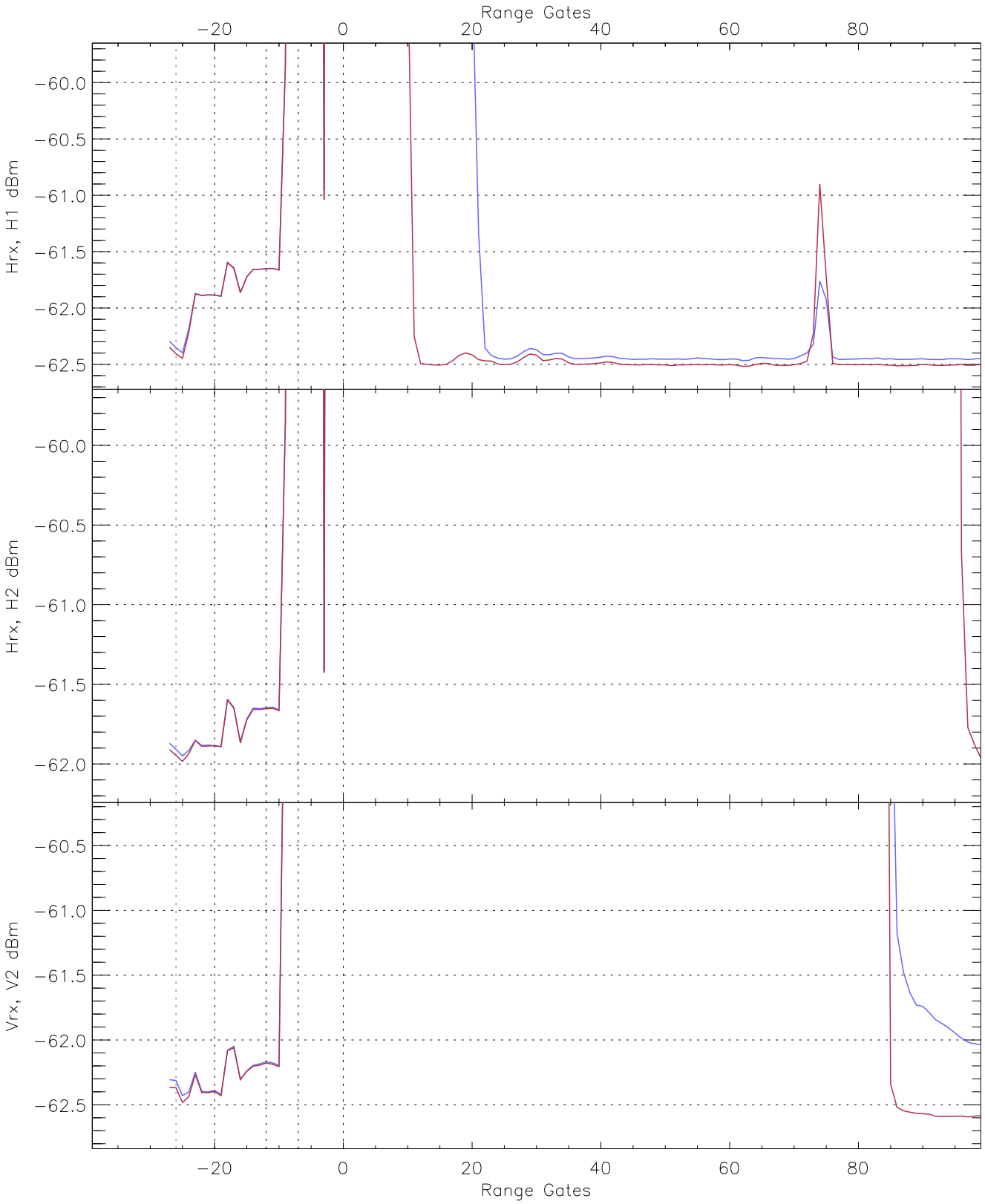


WCR2 CPP "Best" estimate Receivers Noise Power

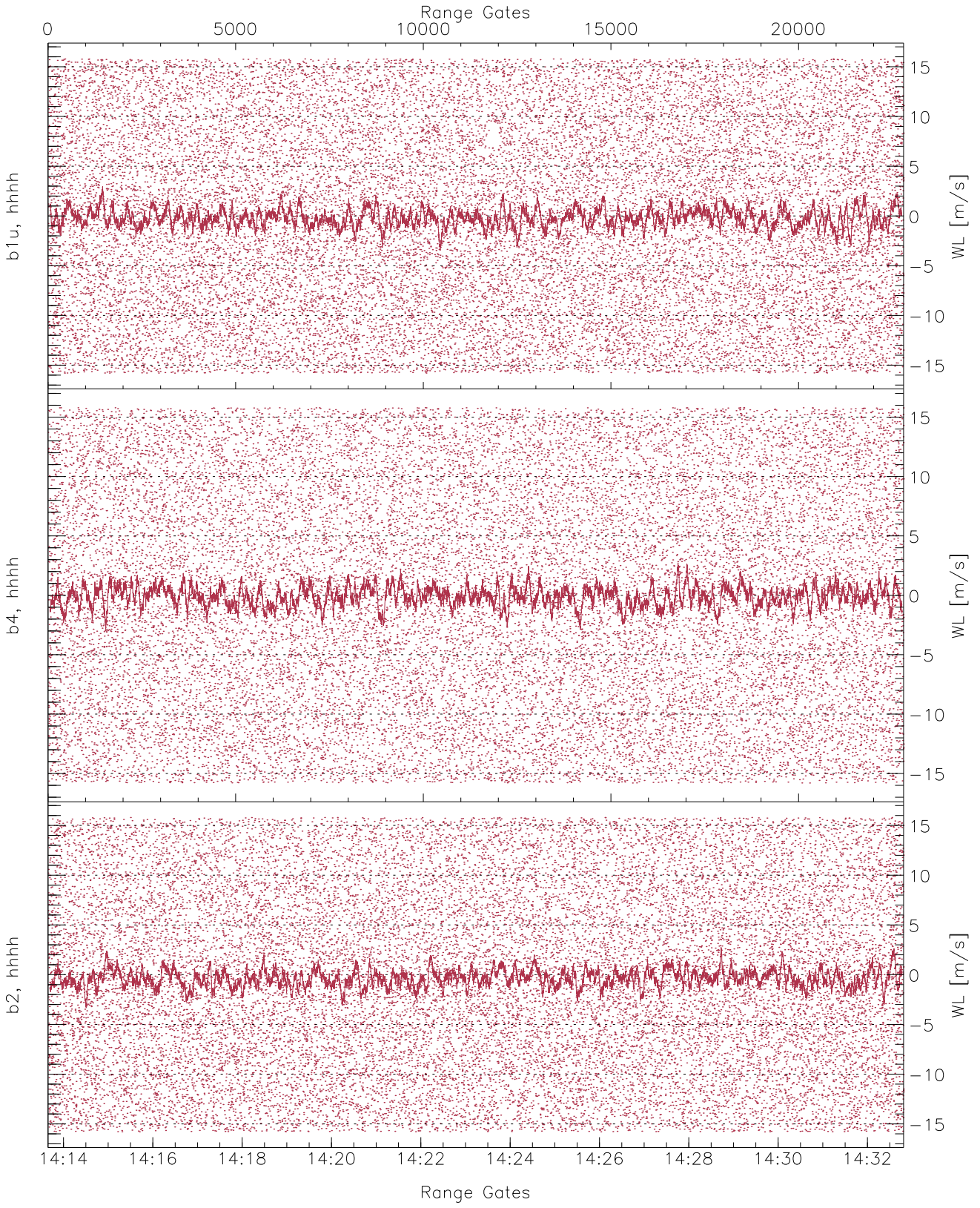
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.49	-61.55	-62.49	-62.50	-75.02
H2RG275_0 [dBm]	-63.17	-61.11	-62.02	-62.03	-74.63
V2RM_0 [dBm]	-63.81	-61.63	-62.60	-62.61	-75.13



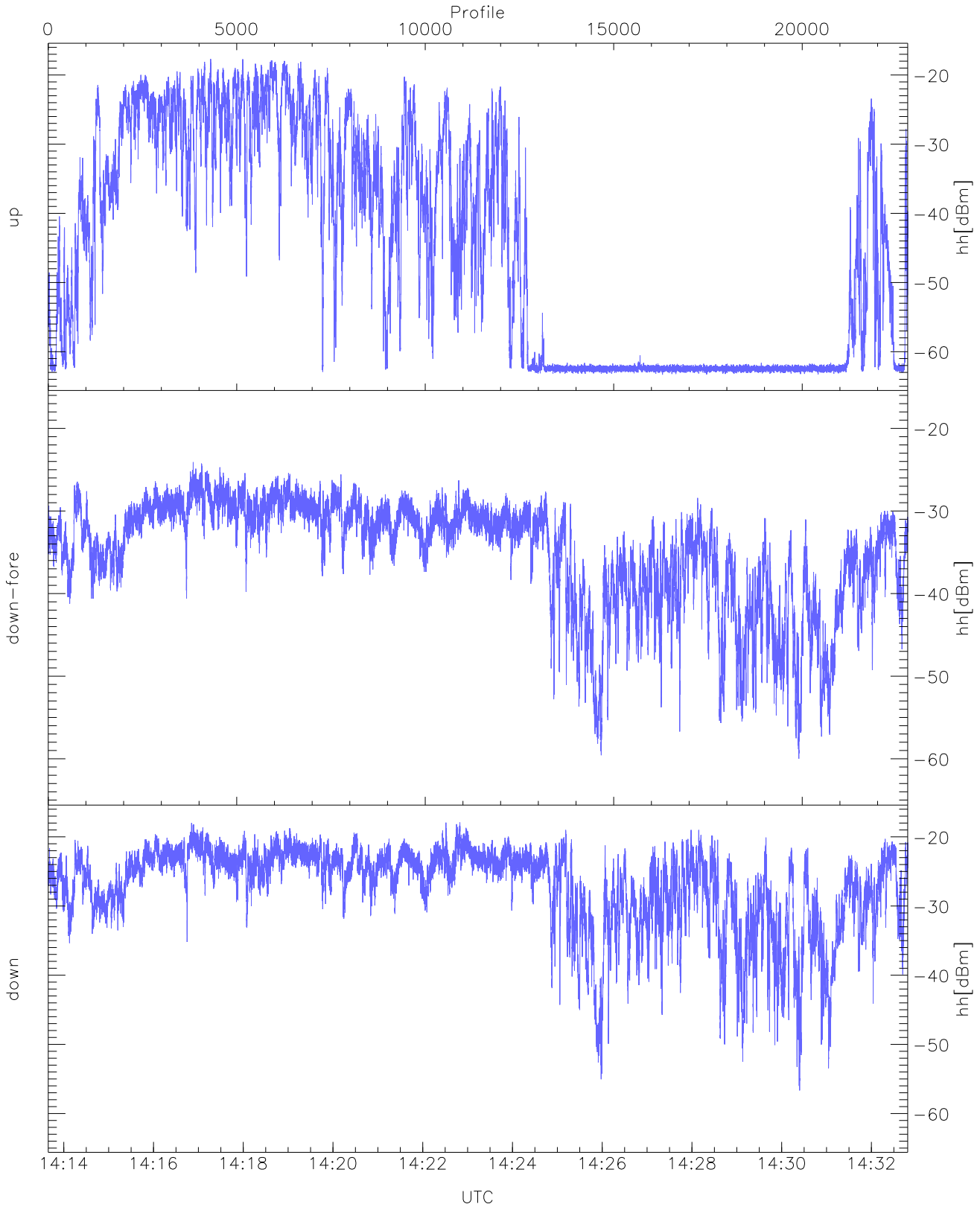
WCR2 CPP Averaged Received power for all recorded gates
blue: 141339-142314, 11401 profiles averaged
red: 142314-143249, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 141339-142314, 11401 profiles averaged
red: 142314-143249, 11400 profiles averaged

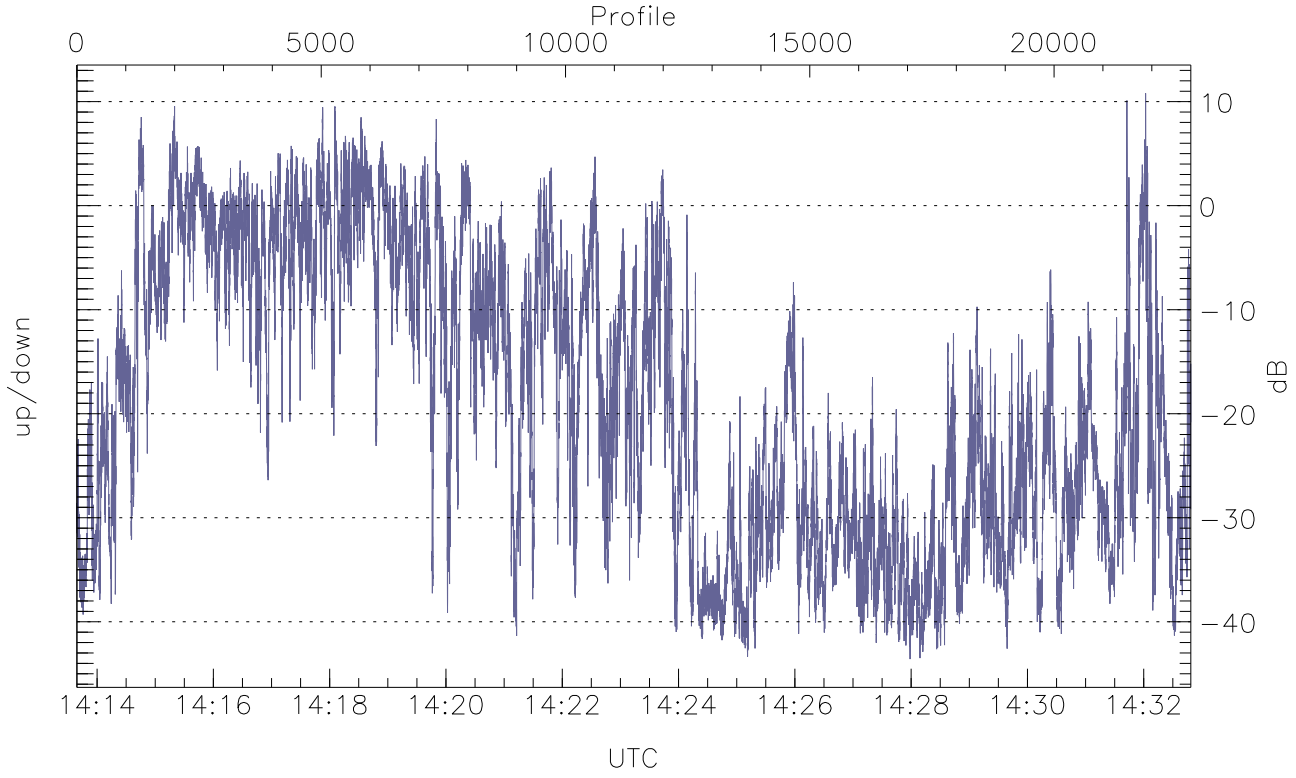


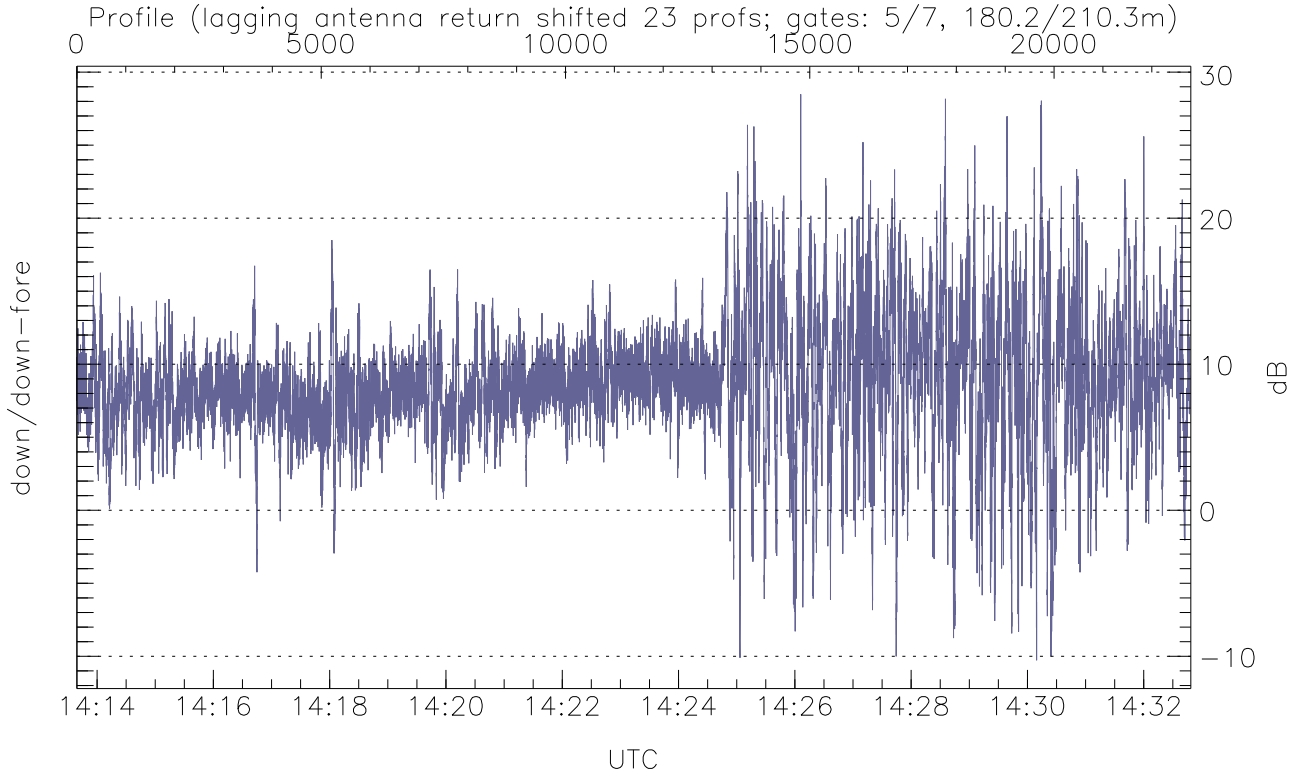
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

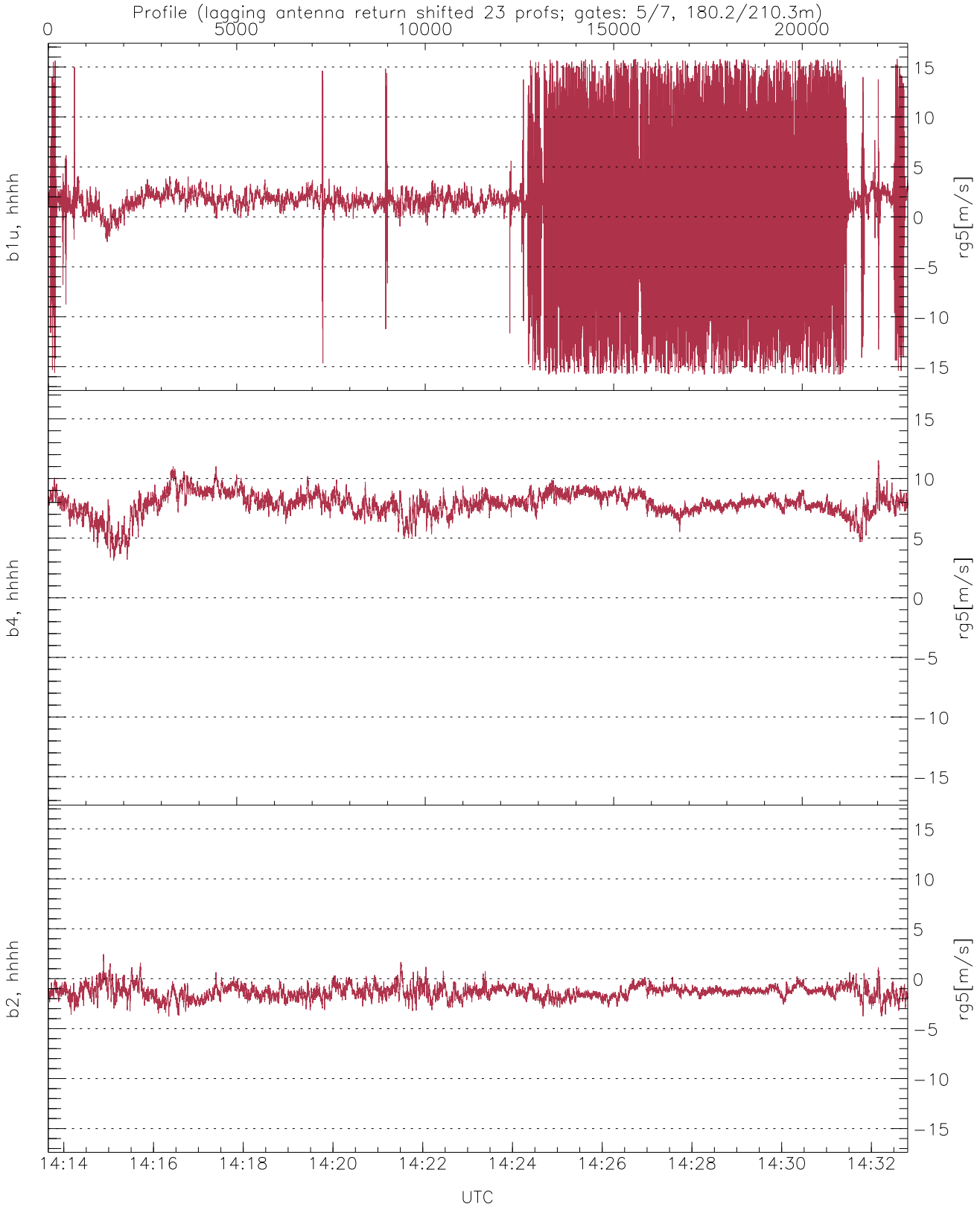
	Min	Max	Mean
up(hh[dBm])	-63.33	-17.69	-29.17
down-fore(hh[dBm])	-60.00	-24.09	-32.07
down(hh[dBm])	-56.67	-17.92	-24.83





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

	Min	Max	Mean
up/down(dB)	-43.59	10.80	-18.38
down/down-fore(dB)	-10.27	28.47	8.72



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.98	5.24
b4, hhhh(rg5[m/s])	3.13	11.53	7.87	0.99
b2, hhhh(rg5[m/s])	-3.79	2.45	-1.33	0.66