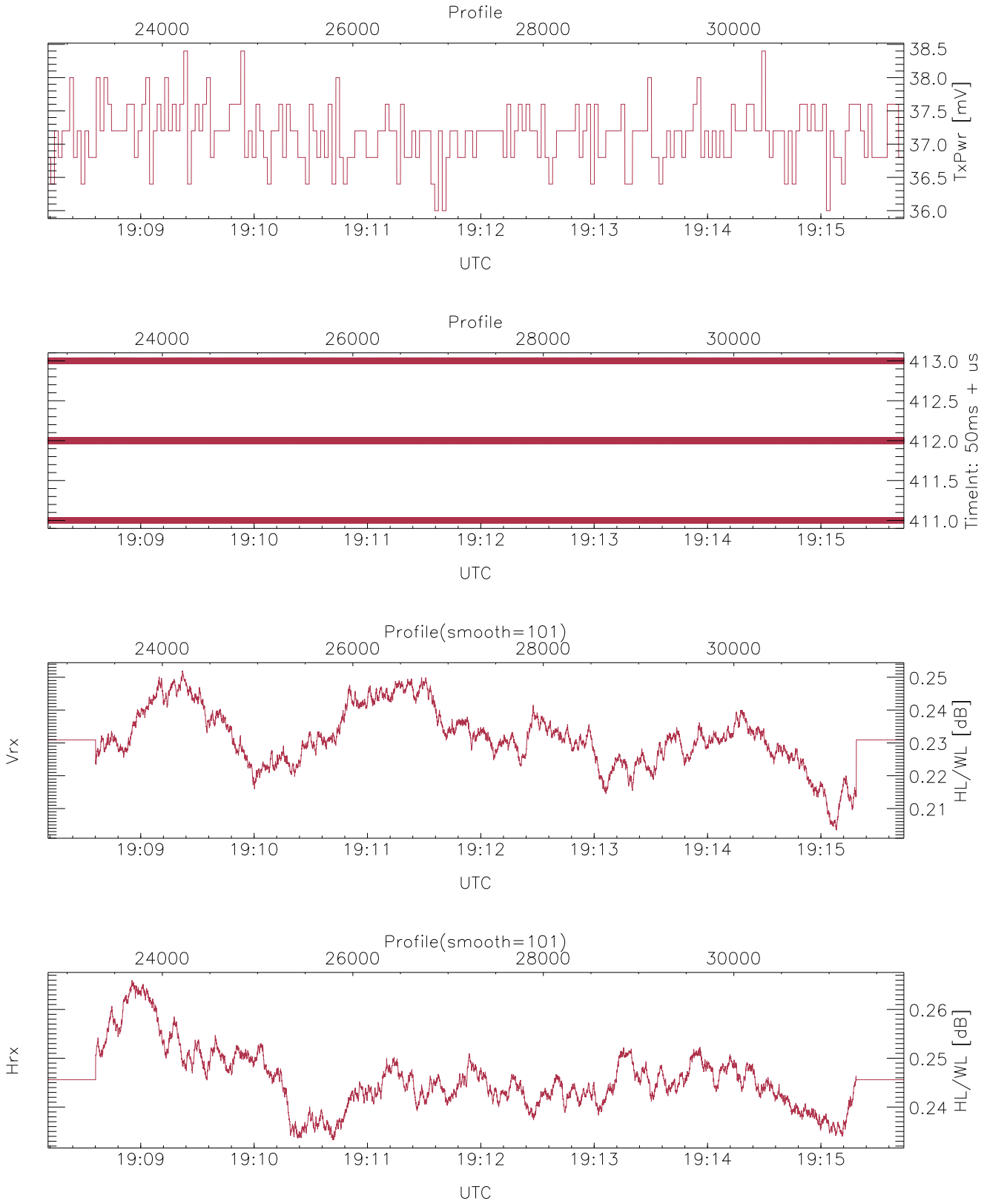
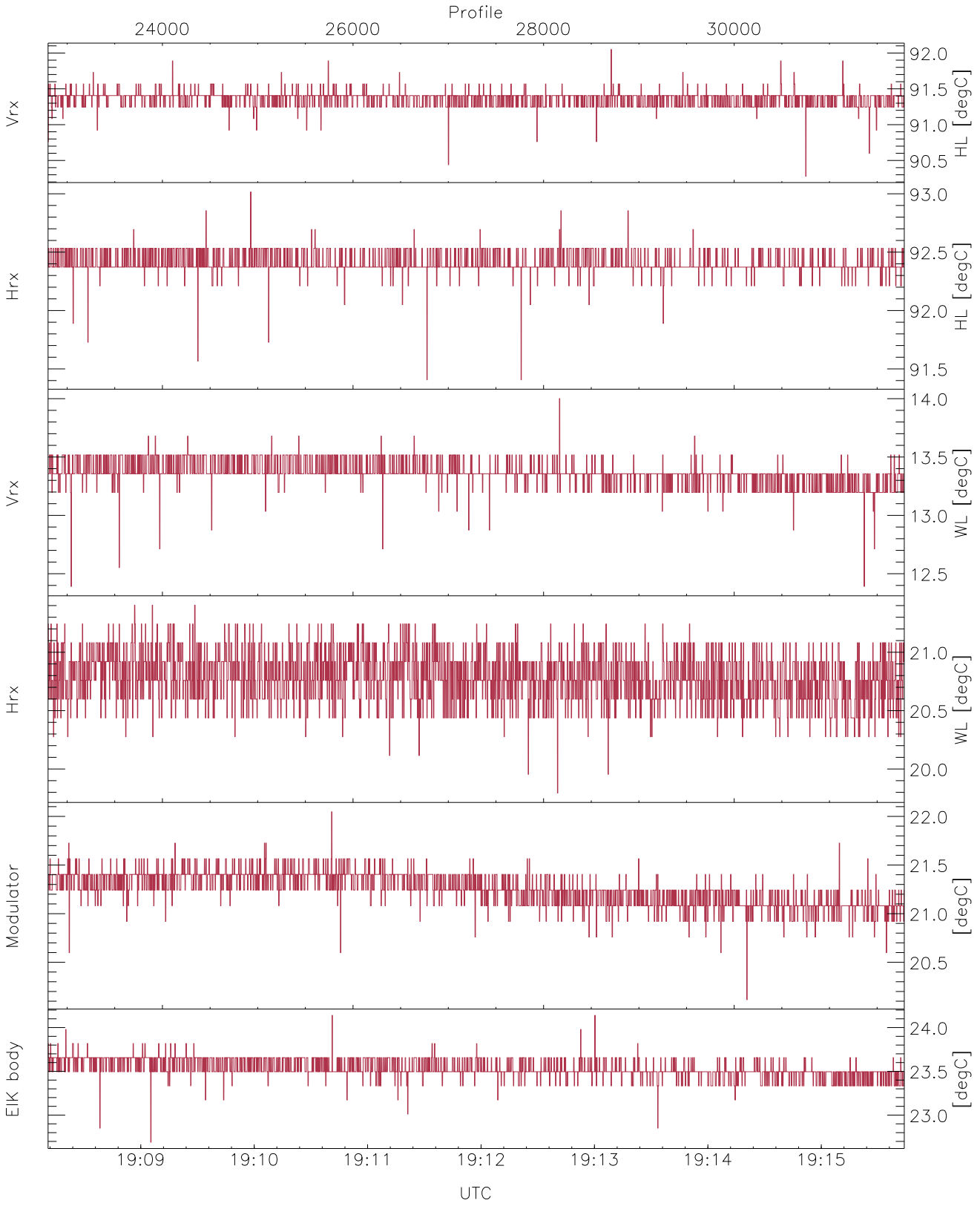


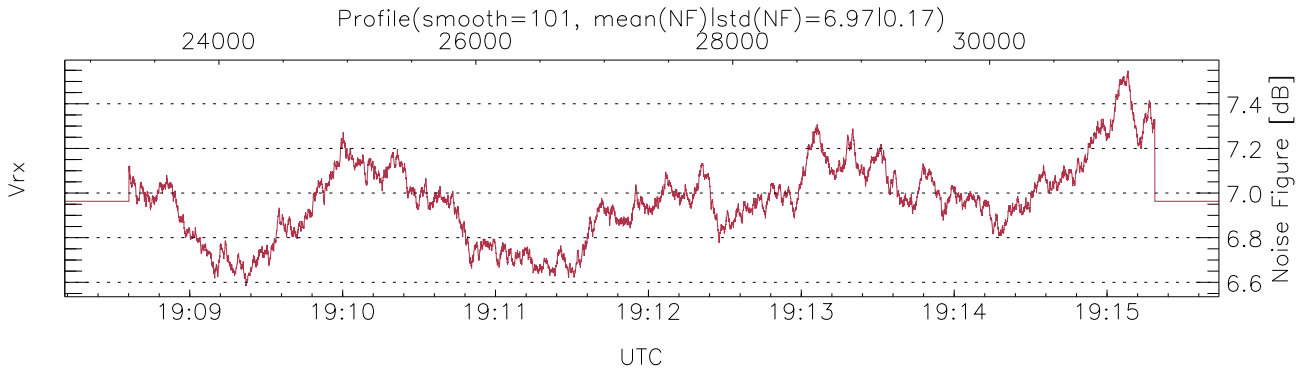
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

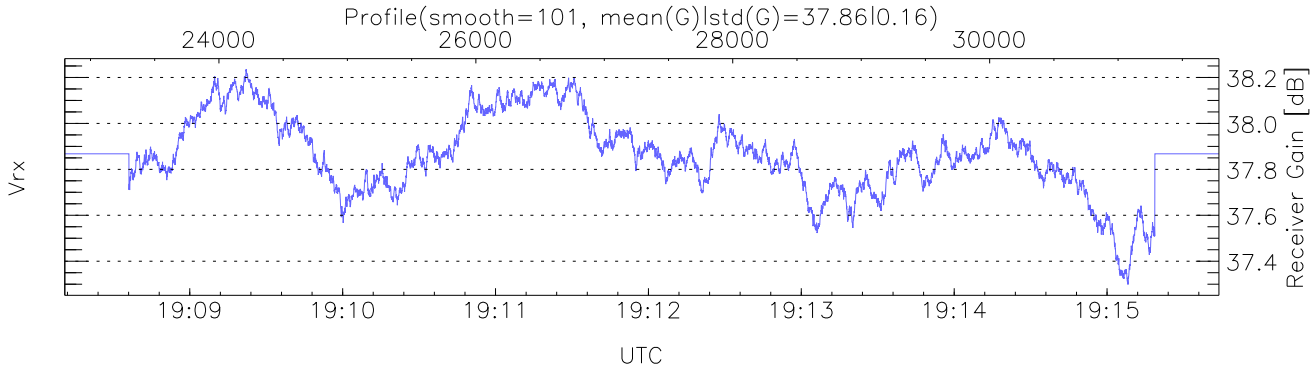
UTC: 18:49:02-19:15:44, Dur: 1602.37s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 8986/31786, 22800-31785/19:08:11-19:15:44
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

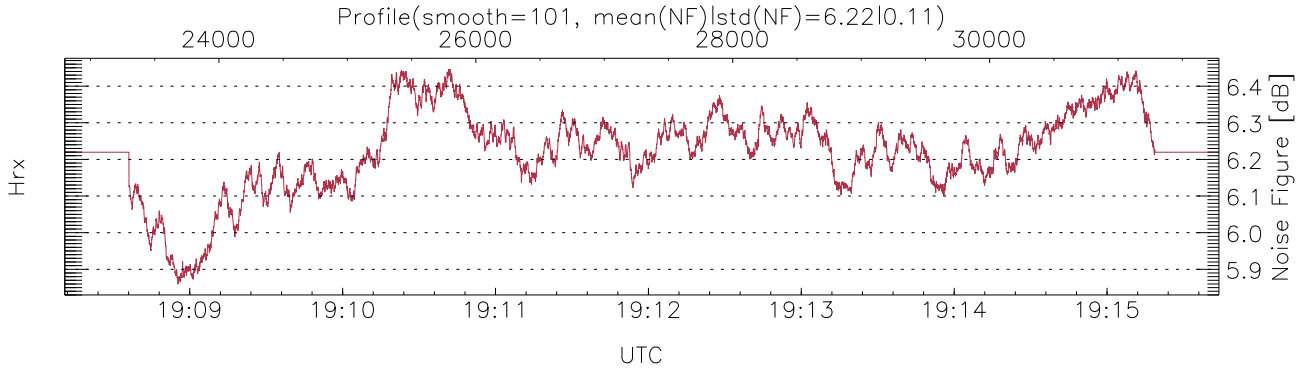


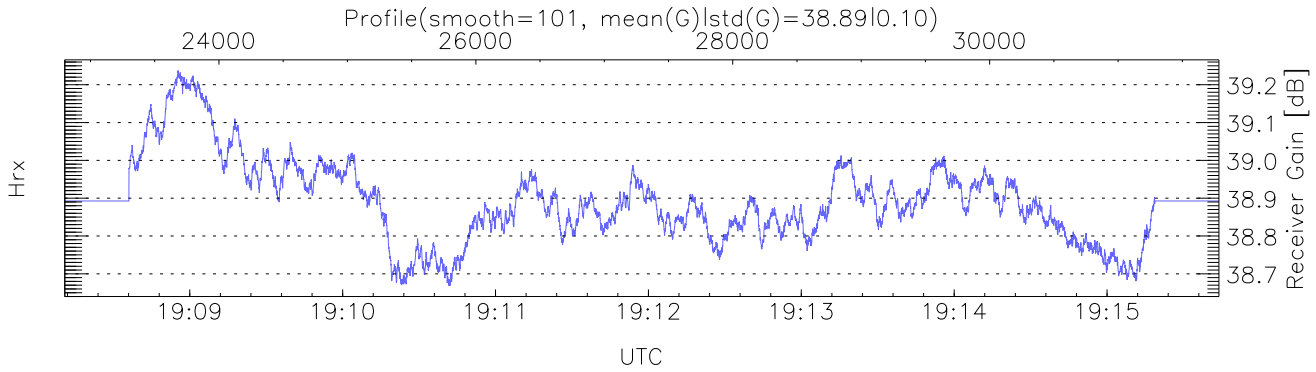
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,12,19,20,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,14,21,22,24
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (6,6,6,6,6)



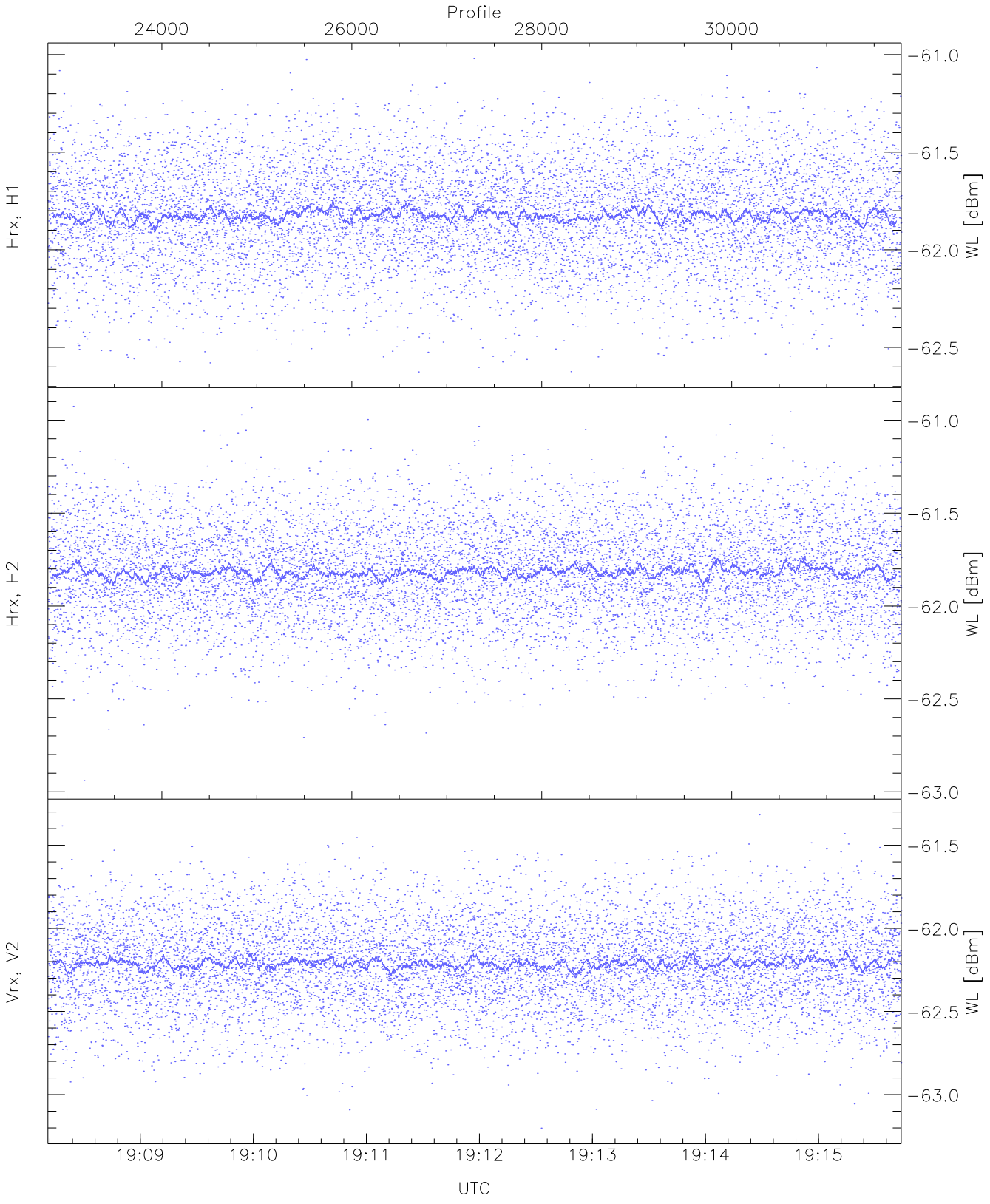






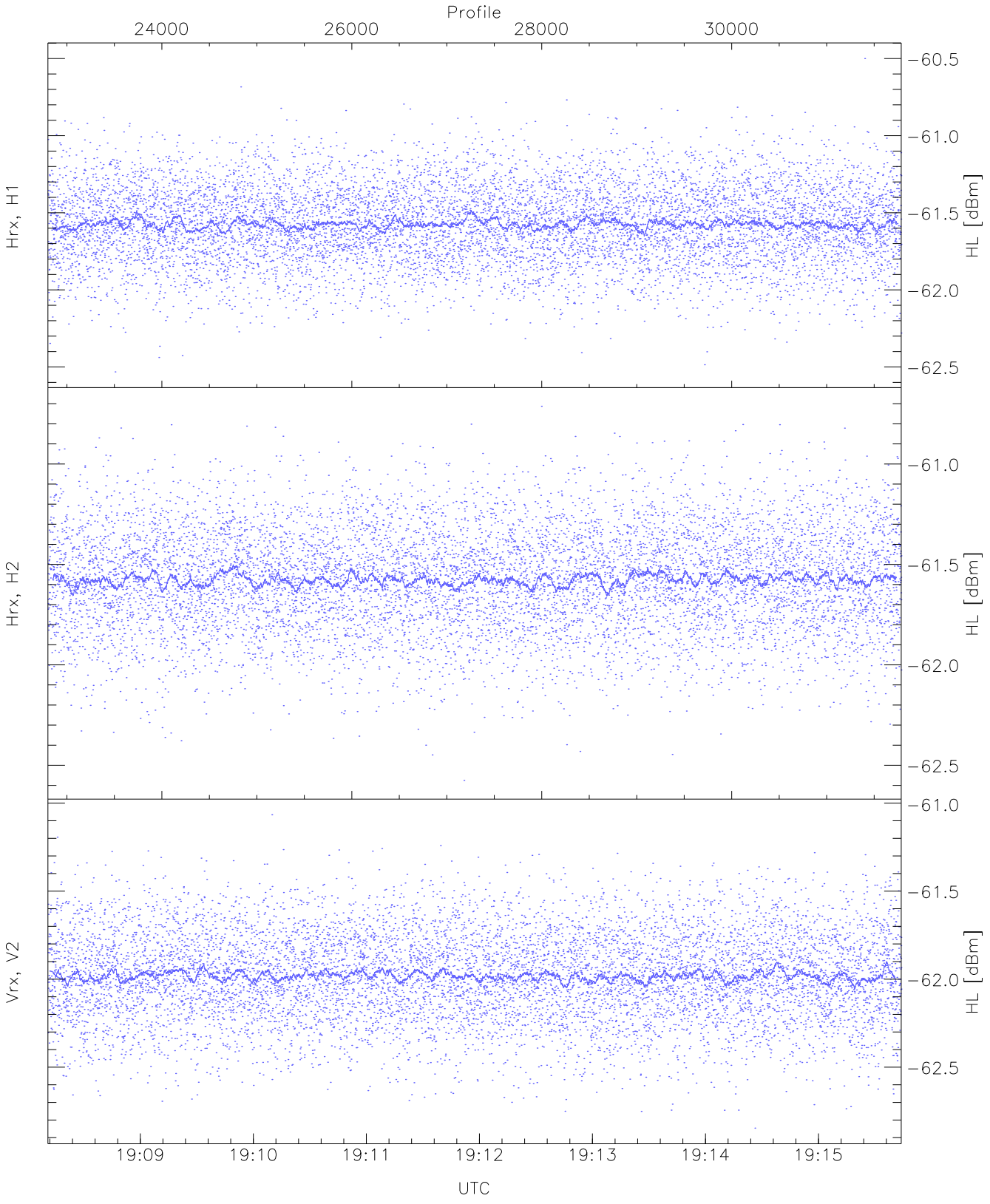
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 289 pixs, 6 gates, 288 profs, 1 prods



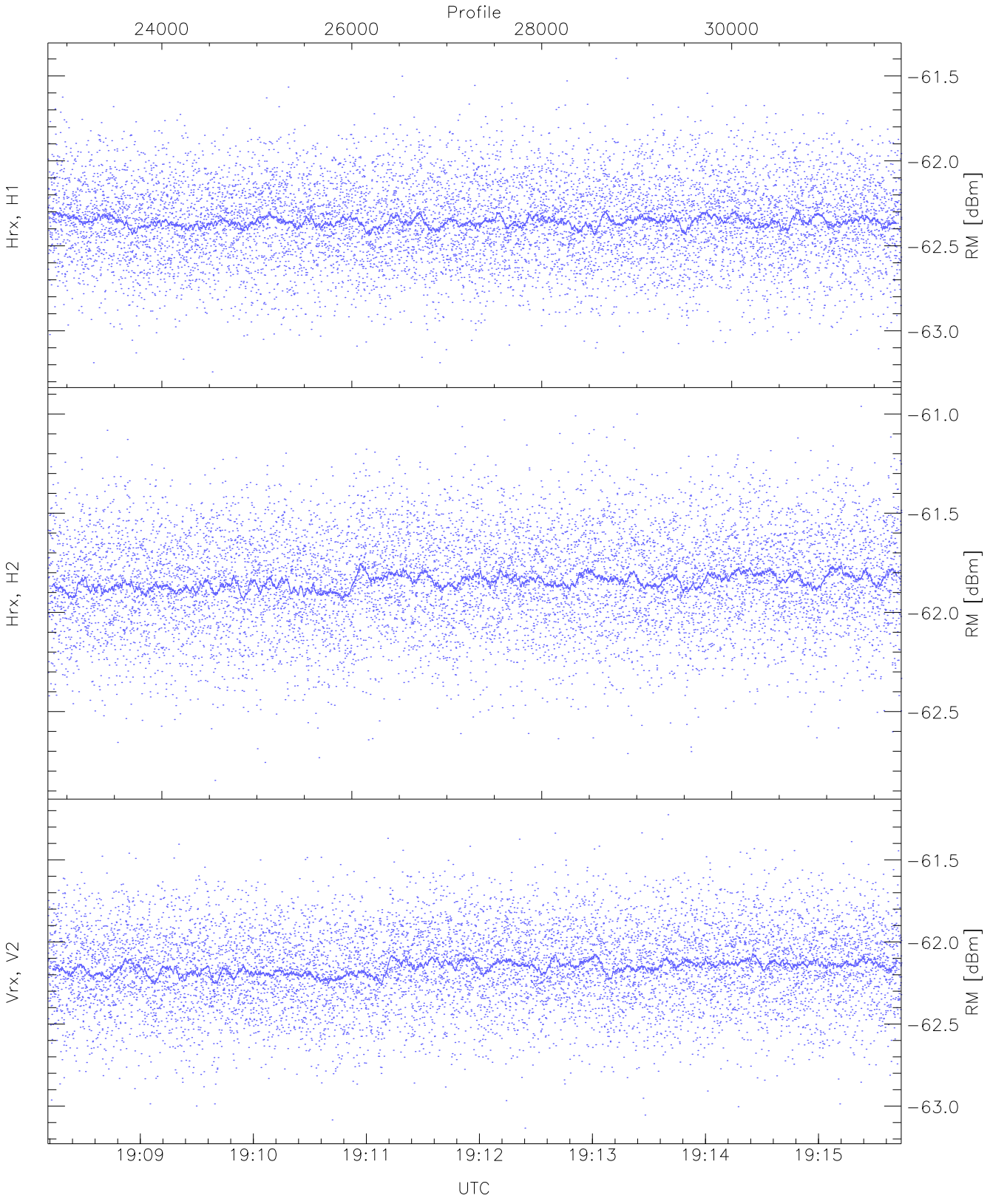
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.63	-61.02	-61.82	-61.82	-74.41
Hrx, H2(WL [dBm])	-62.94	-60.92	-61.81	-61.82	-74.39
Vrx, V2(WL [dBm])	-63.20	-61.32	-62.21	-62.21	-74.77



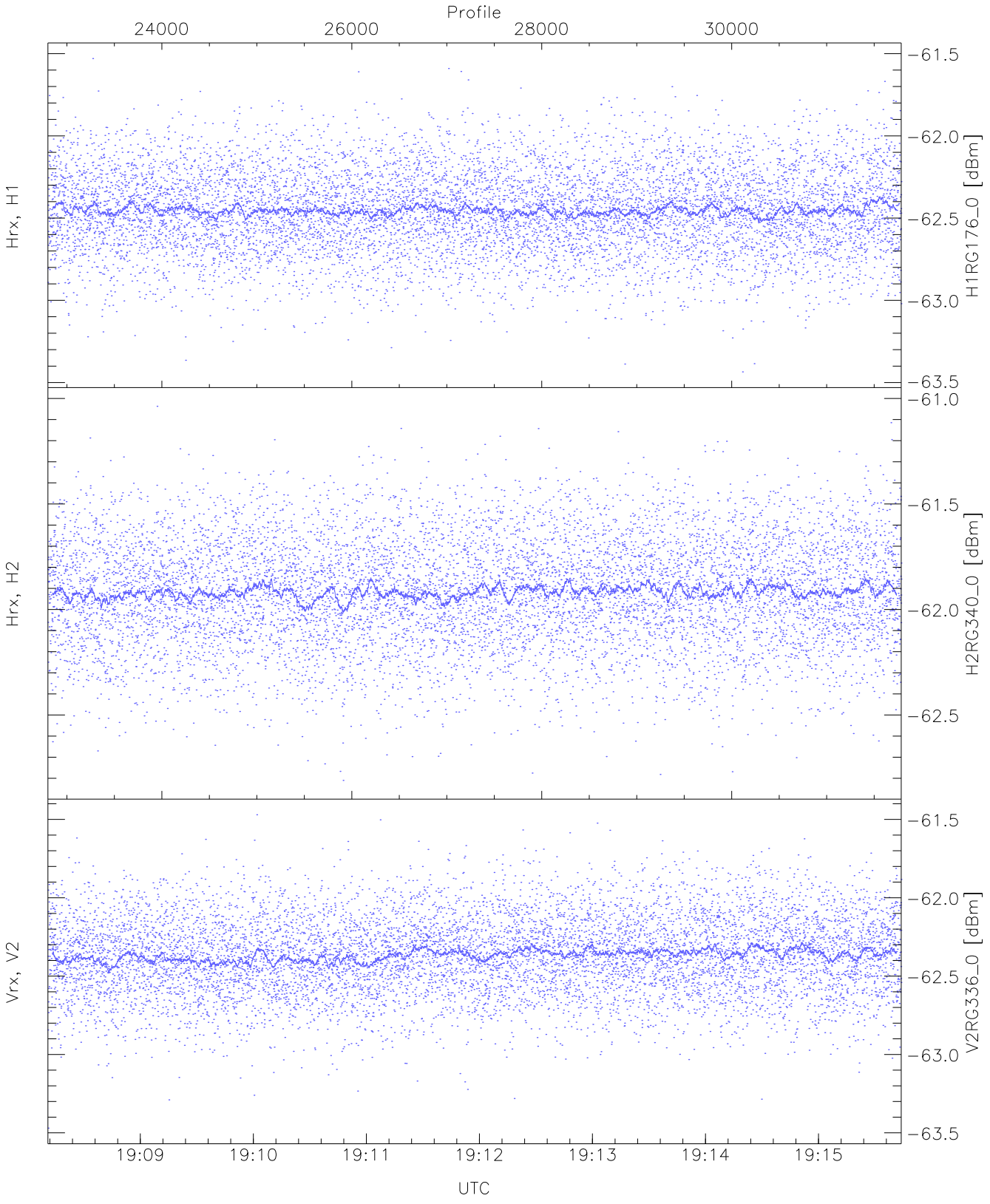
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.53	-60.50	-61.57	-61.58	-74.14
Hrx, H2(HL [dBm])	-62.58	-60.71	-61.57	-61.57	-74.11
Vrx, V2(HL [dBm])	-62.85	-61.07	-61.98	-61.98	-74.53



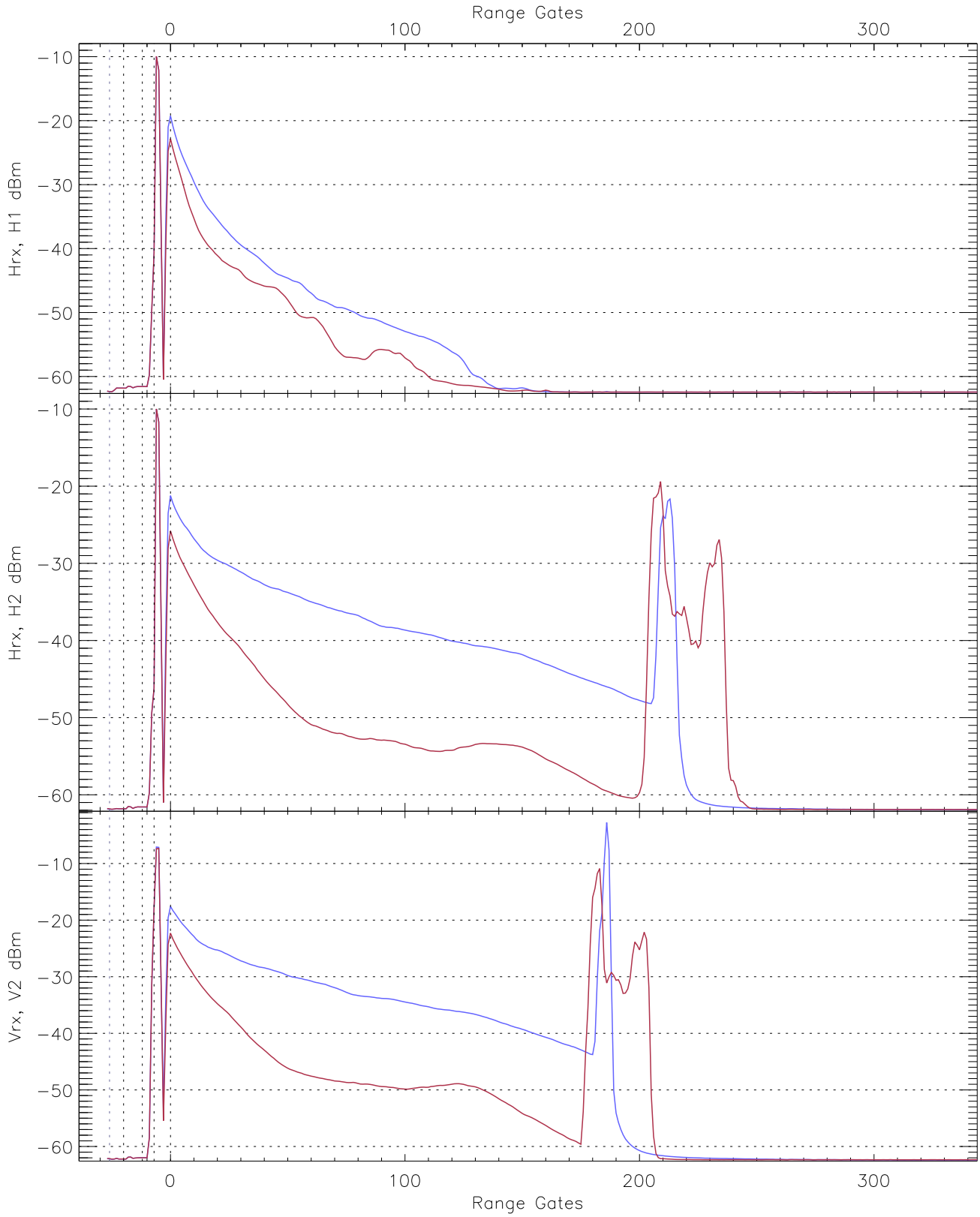
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.24	-61.40	-62.35	-62.36	-74.93
Hrx, H2(RM [dBm])	-62.85	-60.96	-61.84	-61.84	-74.35
Vrx, V2(RM [dBm])	-63.13	-61.23	-62.15	-62.16	-74.65

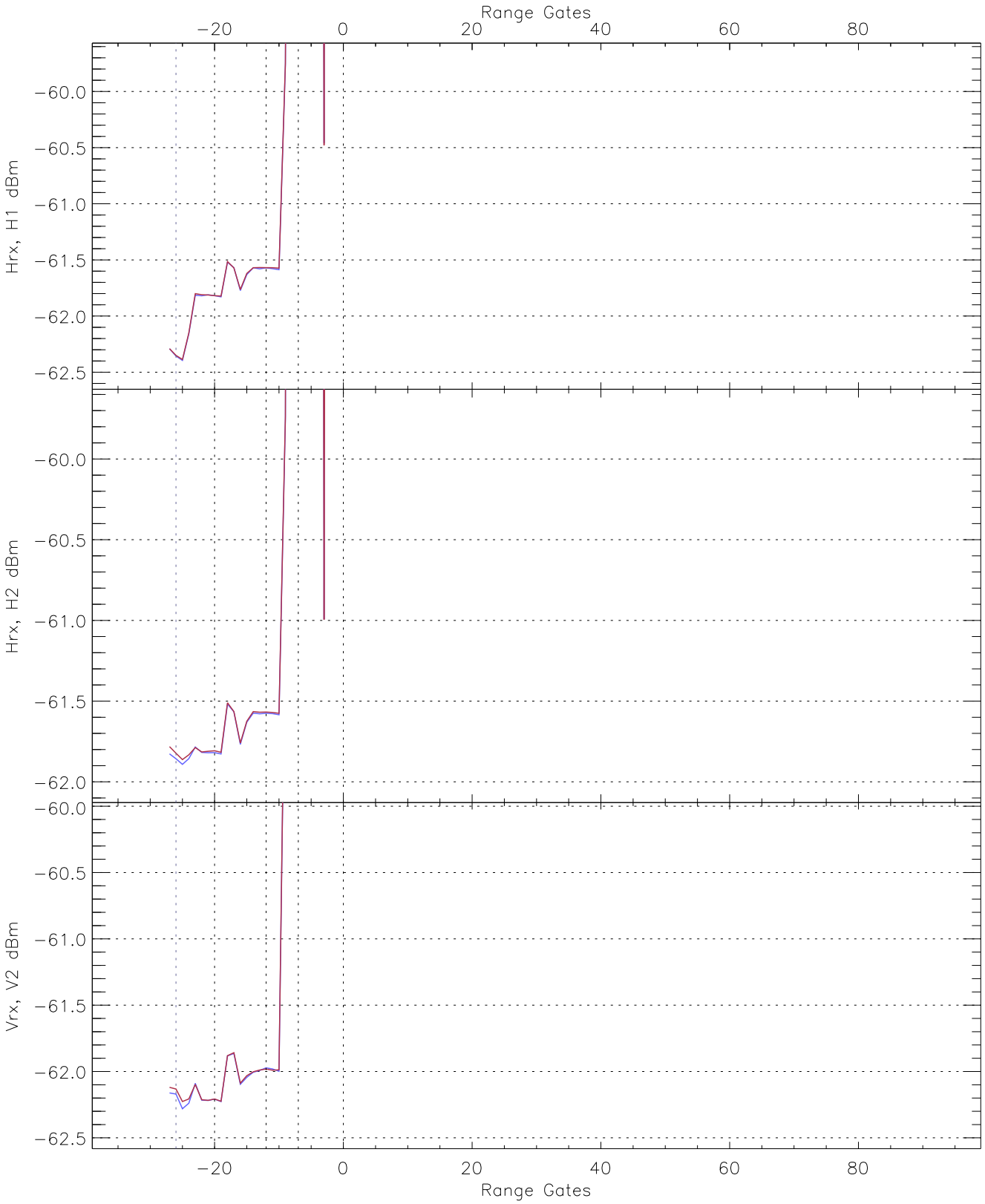


WCR2 CPP "Best" estimate Receivers Noise Power

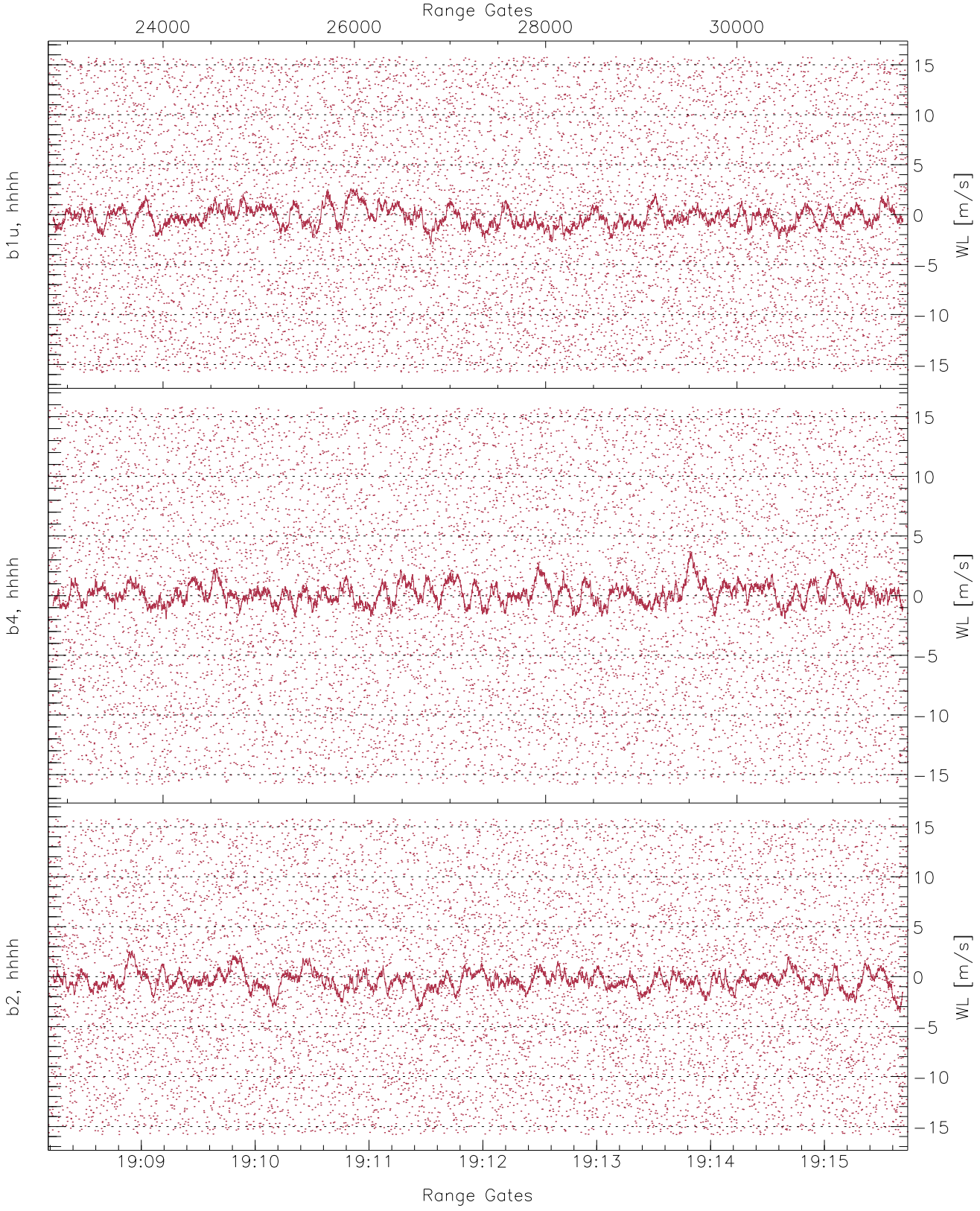
	Min	Max	Mean	Median	StDev
H1RG176_0 [dBm]	-63.44	-61.53	-62.45	-62.46	-74.98
H2RG340_0 [dBm]	-62.81	-61.04	-61.91	-61.92	-74.46
V2RG336_0 [dBm]	-63.47	-61.47	-62.36	-62.37	-74.95



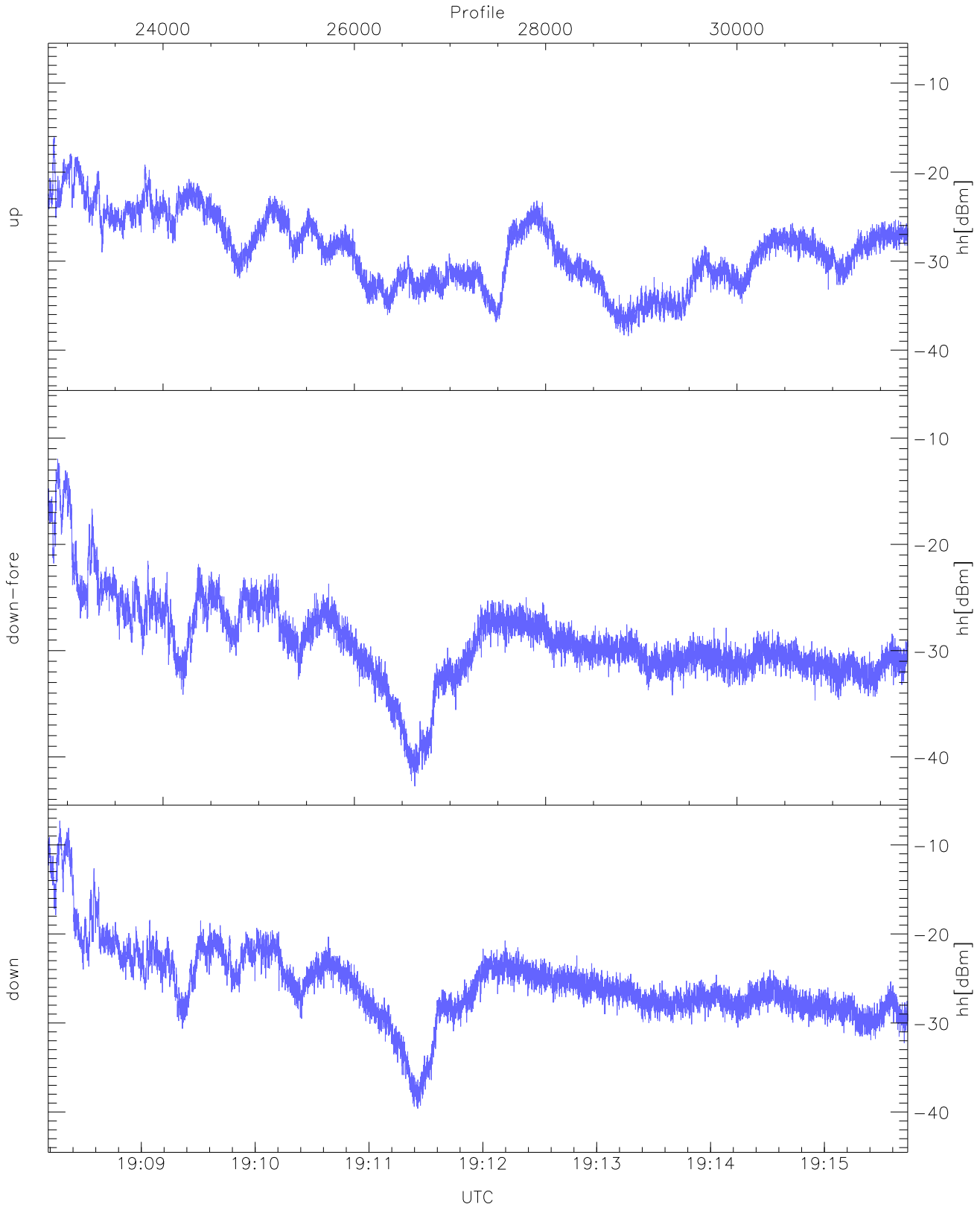
WCR2 CPP Averaged Received power for all recorded gates
blue: 190811-191157, 4494 profiles averaged
red: 191157-191544, 4493 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 190811-191157, 4494 profiles averaged
red: 191157-191544, 4493 profiles averaged

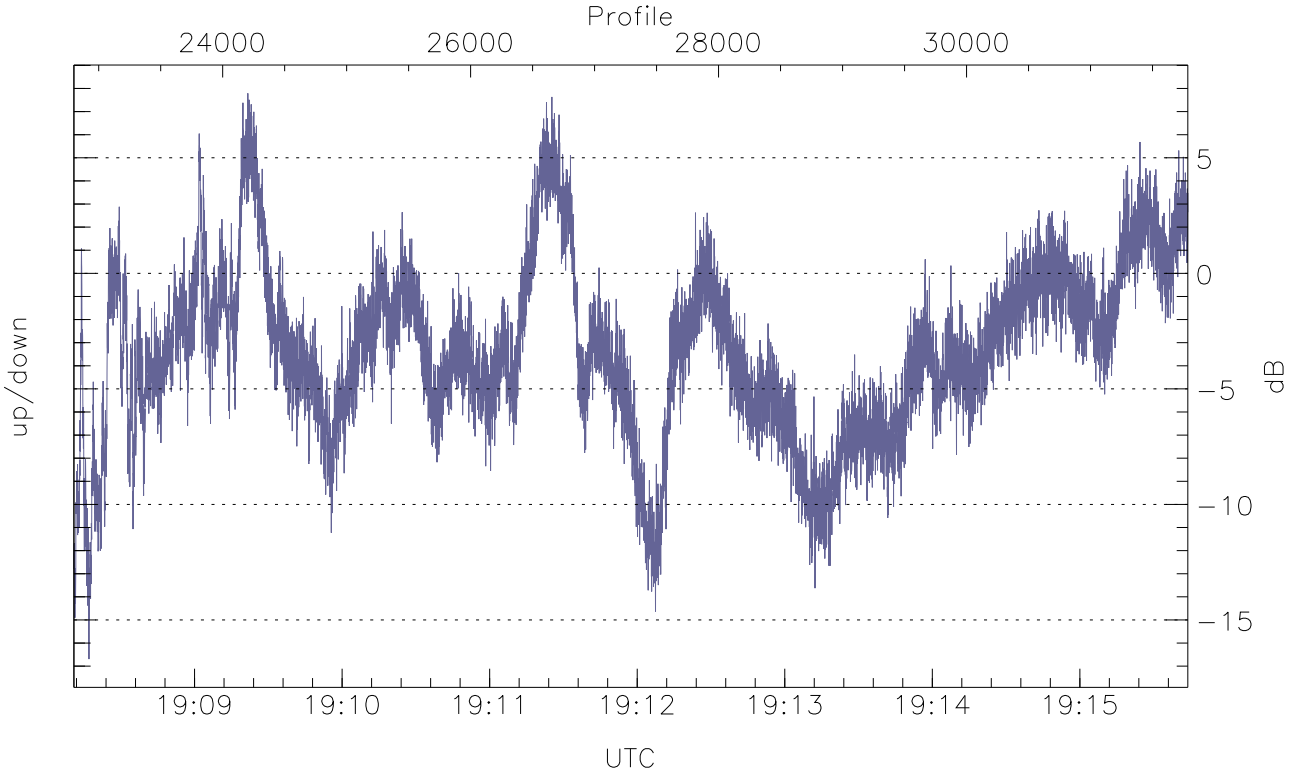


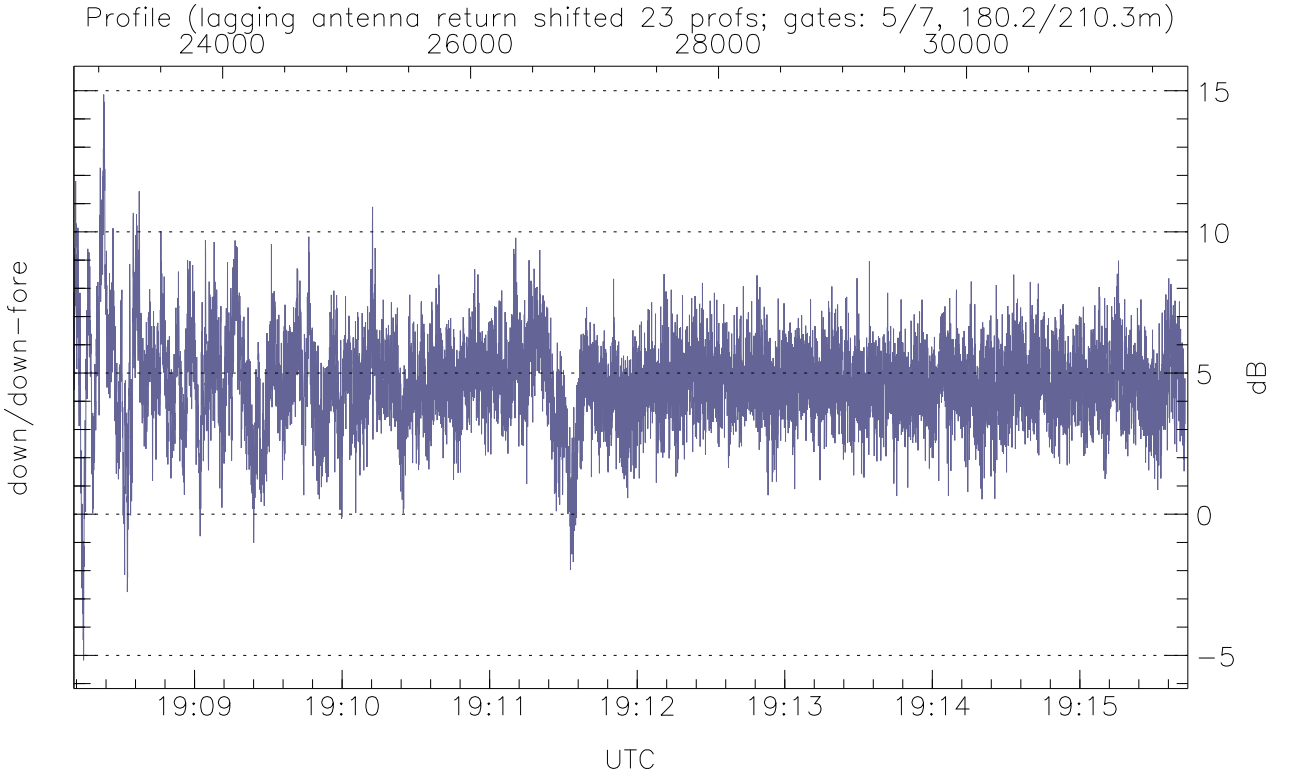
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

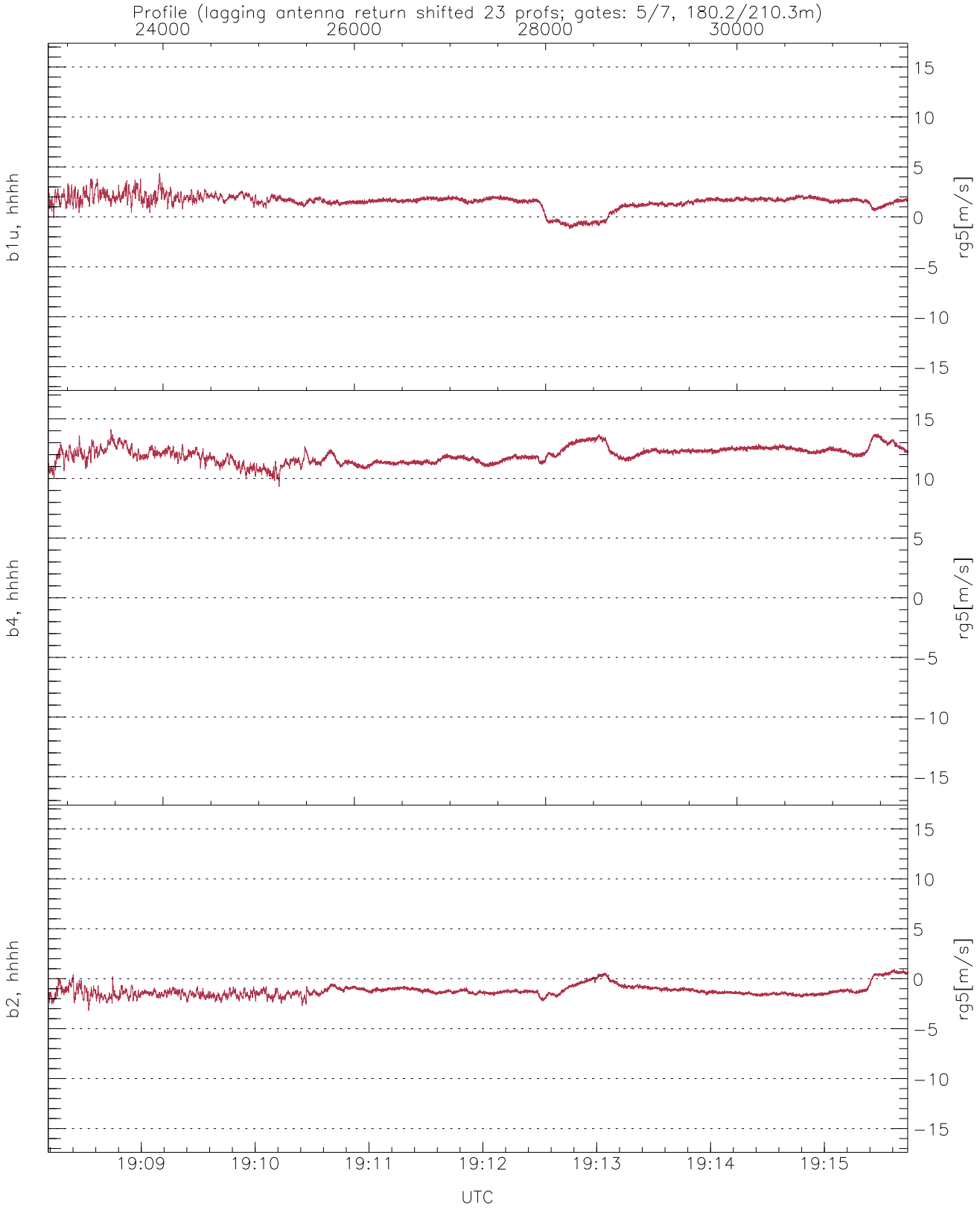
	Min	Max	Mean
up(hh[dBm])	-38.42	-16.01	-27.01
down-fore(hh[dBm])	-42.76	-11.94	-26.51
down(hh[dBm])	-39.62	-7.30	-22.62





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

	Min	Max	Mean
up/down(dB)	-16.69	7.79	-3.27
down/down-fore(dB)	-5.17	14.87	4.66



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.22	4.35	1.52	0.73
b4, hhhh(rg5[m/s])	9.29	14.11	11.97	0.68
b2, hhhh(rg5[m/s])	-3.21	0.95	-1.20	0.57