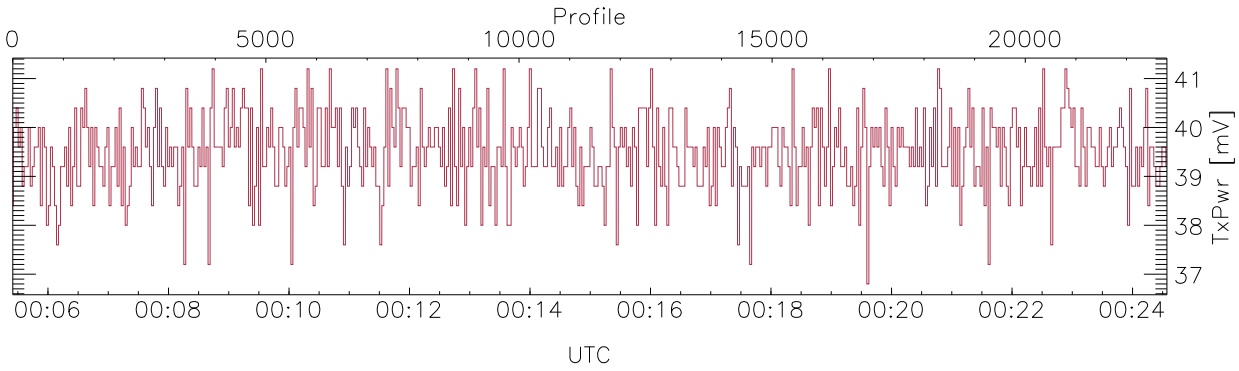
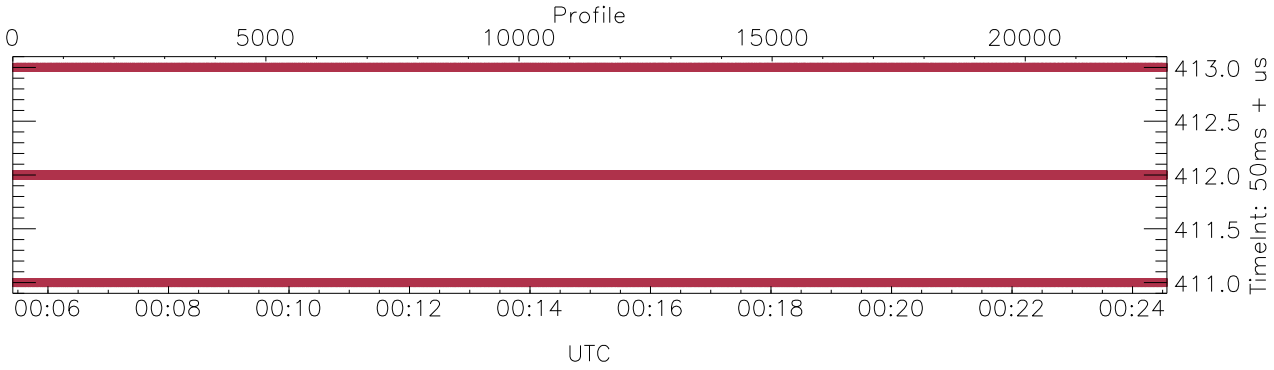
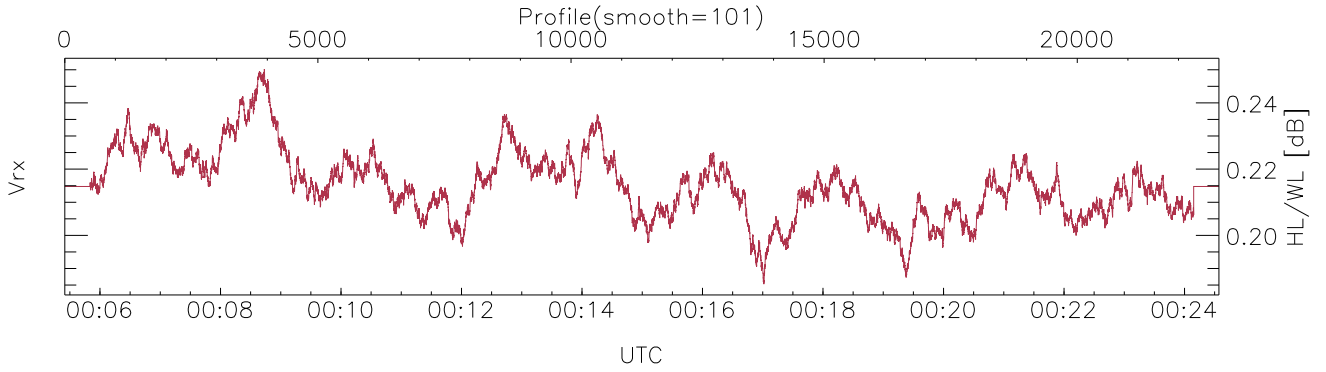
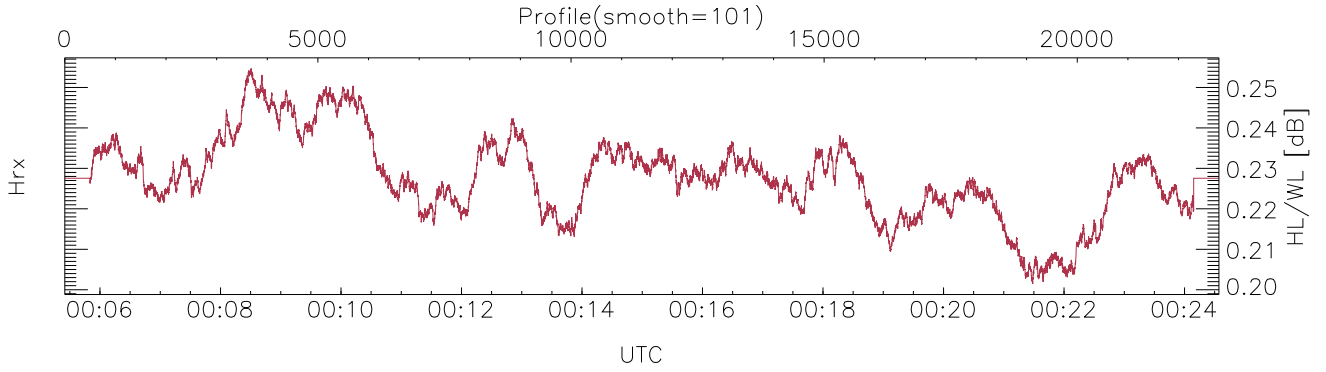


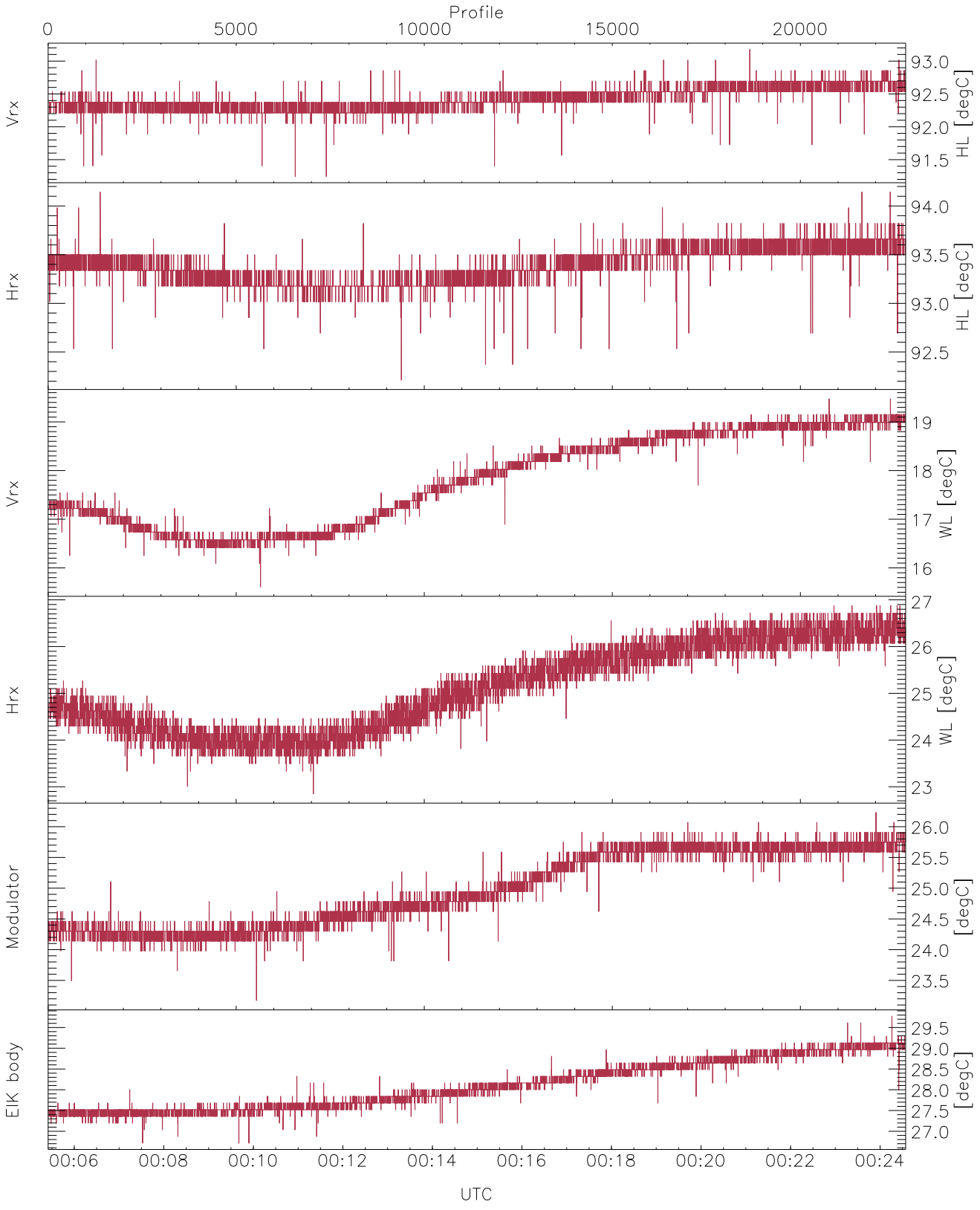






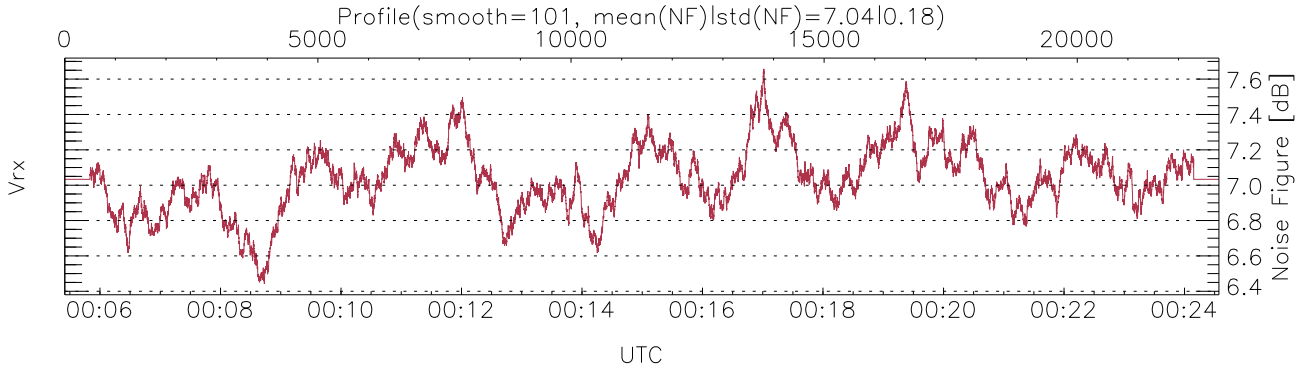
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

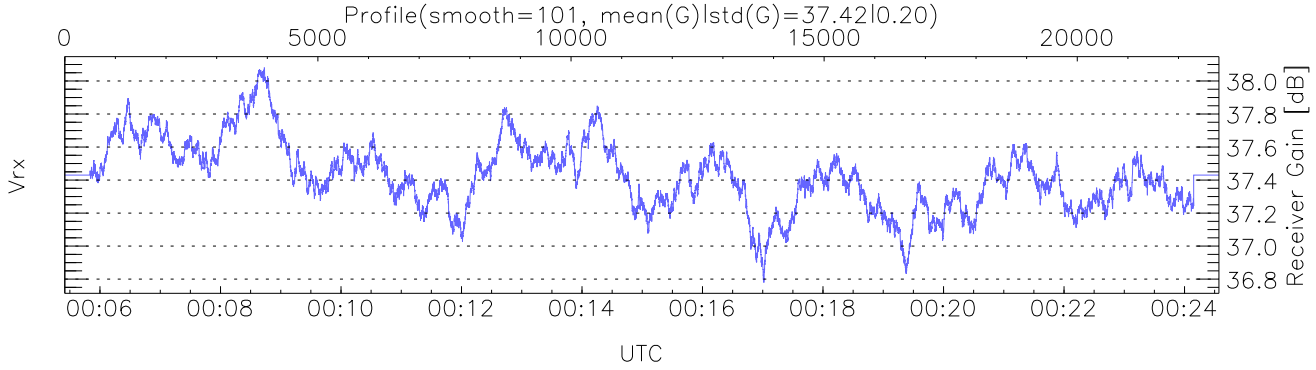
UTC: 00:05:25-00:37:00, Dur: 1894.81s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/37587, 0-22799/00:05:25-00:24:34
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

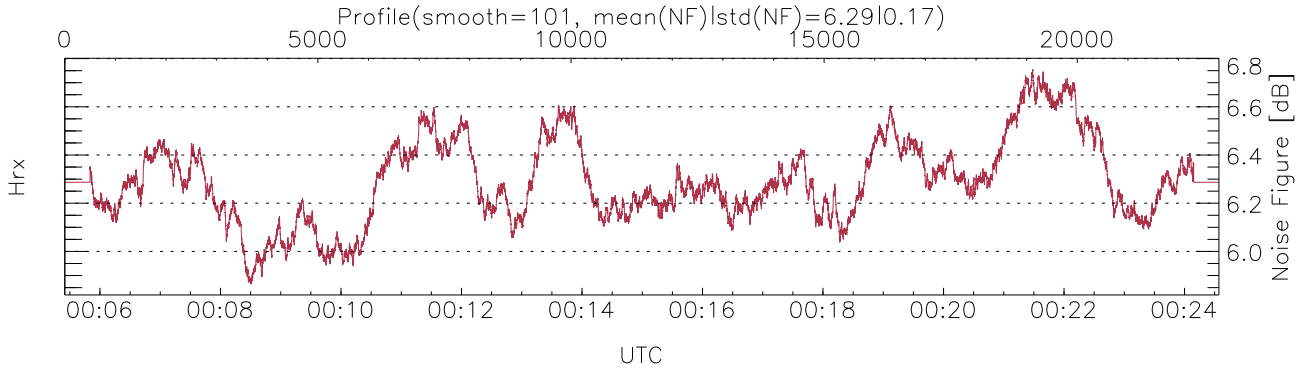


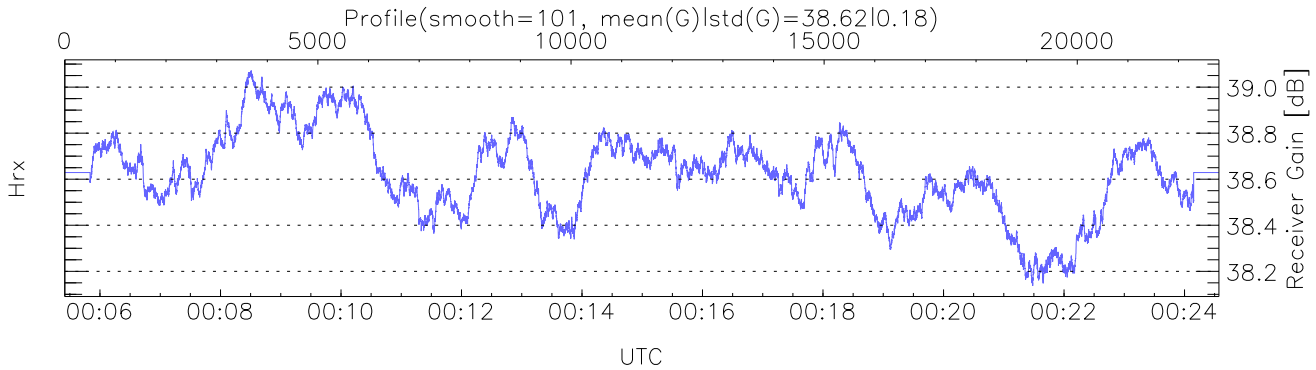
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,15,22,23,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,26,26,29
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (17,17,17,17,17,25)



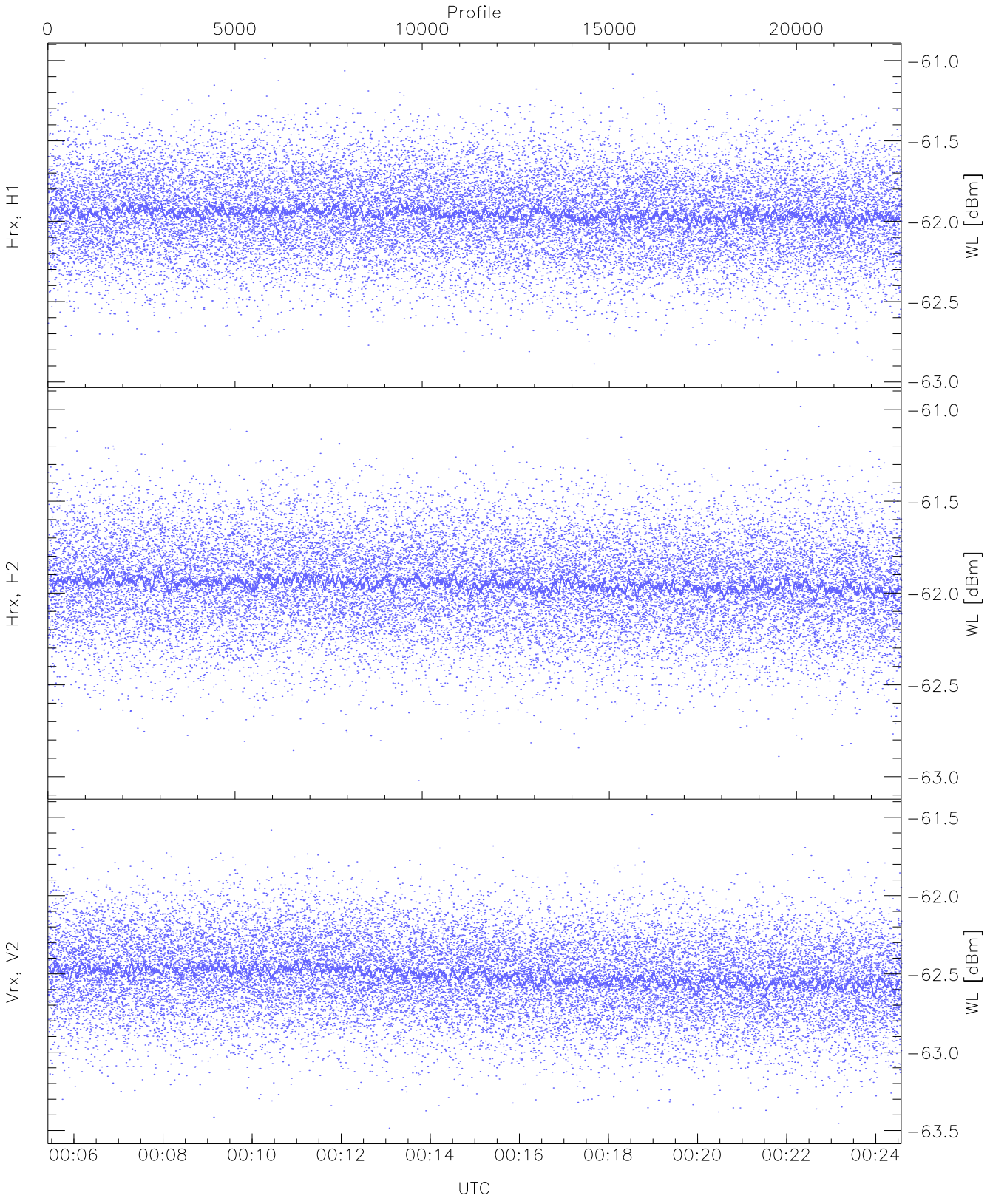






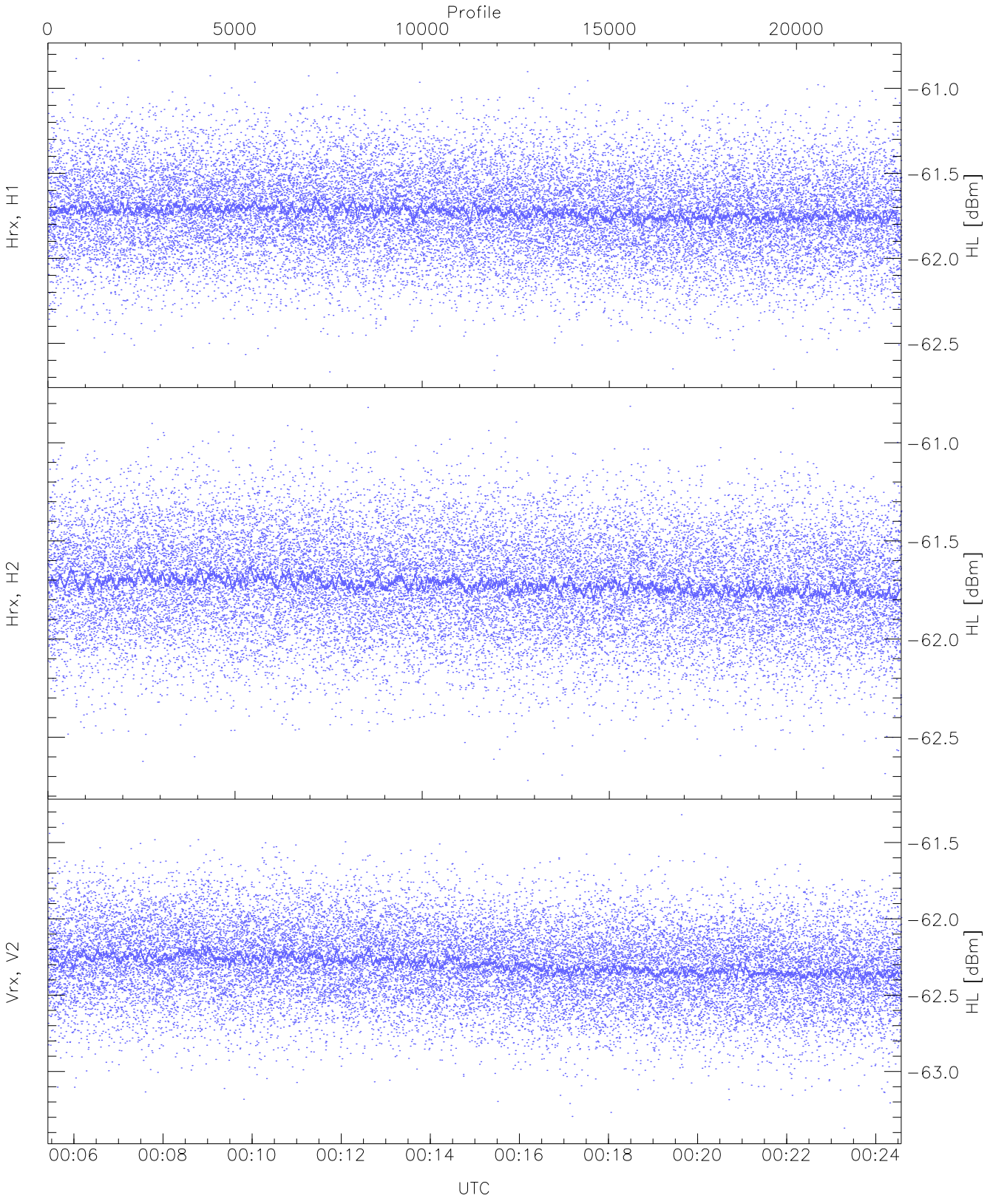
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1894 pixs, 16 gates, 1840 profs, 1 prods



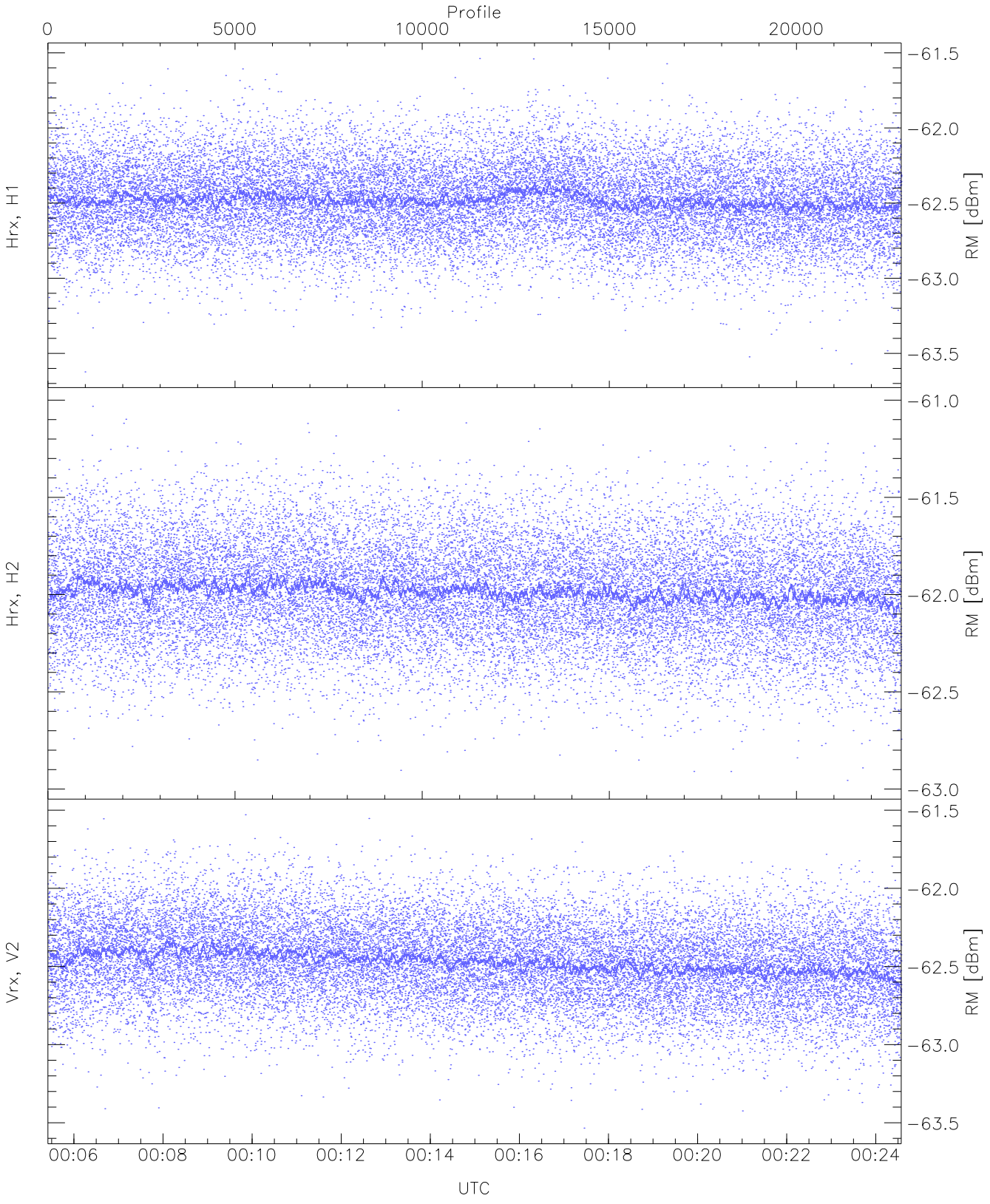
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.94	-60.99	-61.95	-61.96	-74.50
Hrx, H2(WL [dBm])	-63.02	-60.98	-61.95	-61.95	-74.53
Vrx, V2(WL [dBm])	-63.48	-61.48	-62.51	-62.52	-75.02



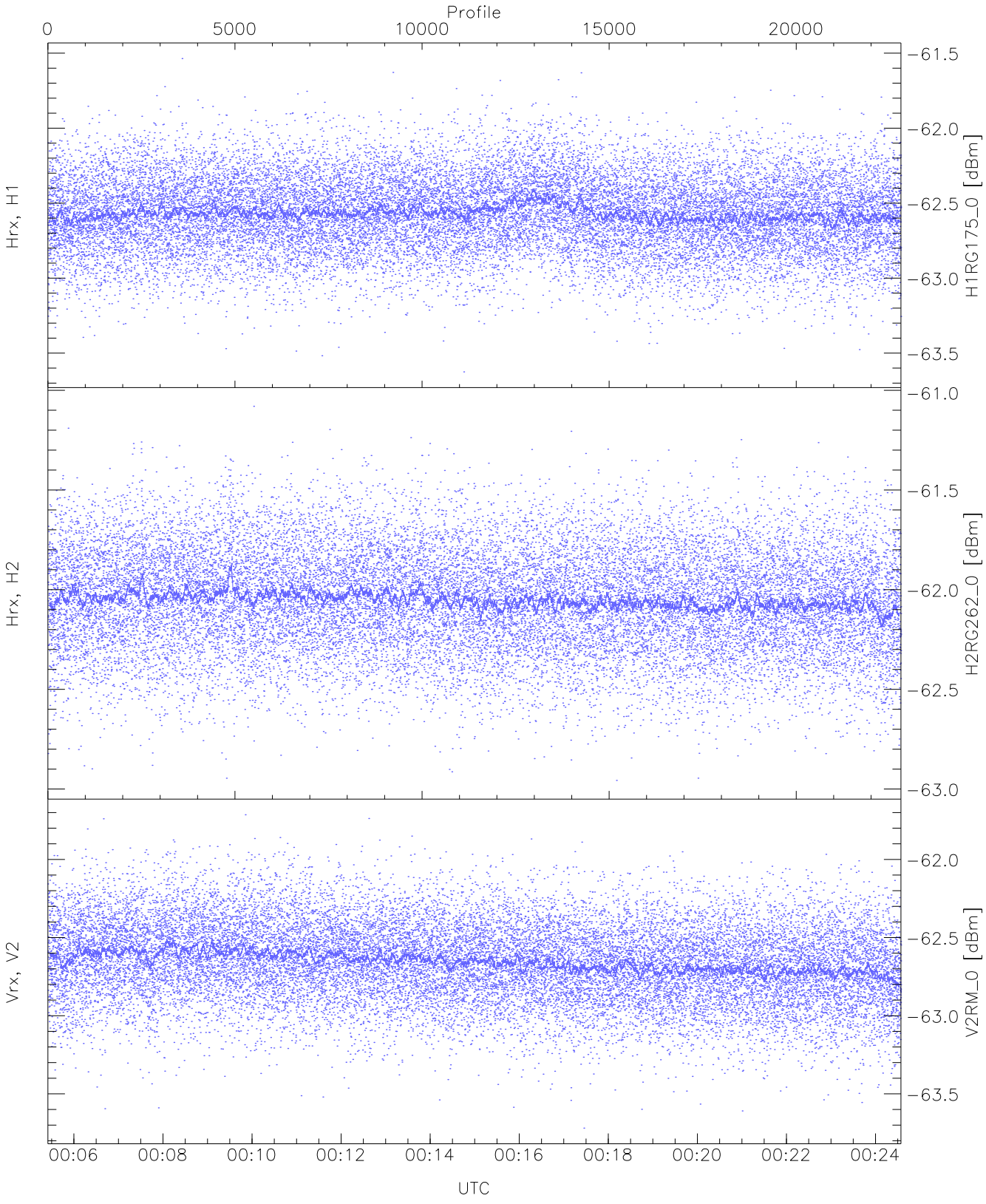
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.67	-60.83	-61.72	-61.73	-74.32
Hrx, H2(HL [dBm])	-62.72	-60.81	-61.72	-61.72	-74.26
Vrx, V2(HL [dBm])	-63.37	-61.32	-62.29	-62.30	-74.78



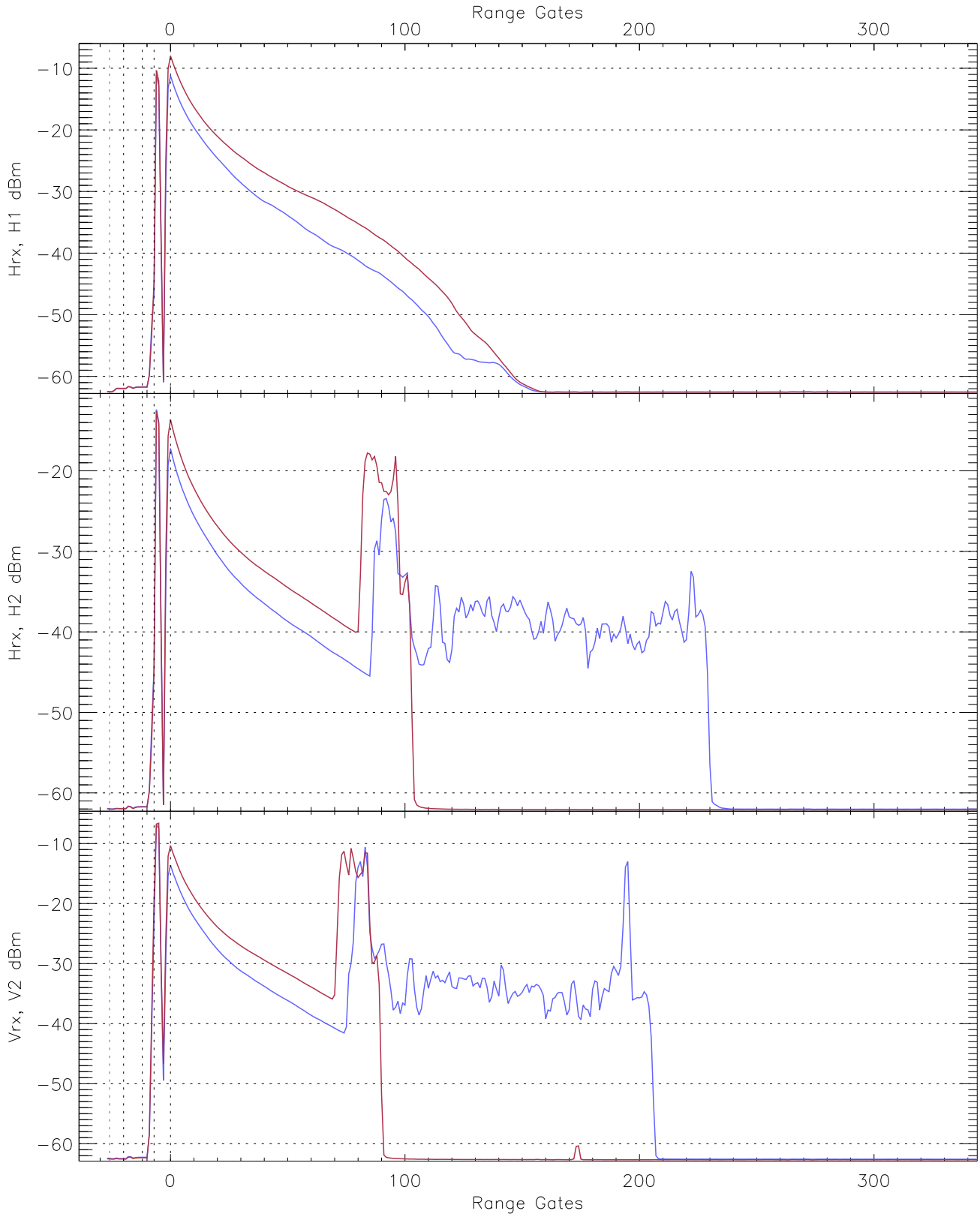
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.62	-61.54	-62.48	-62.48	-75.02
Hrx, H2(RM [dBm])	-62.96	-61.03	-61.98	-61.99	-74.55
Vrx, V2(RM [dBm])	-63.53	-61.53	-62.47	-62.47	-74.96

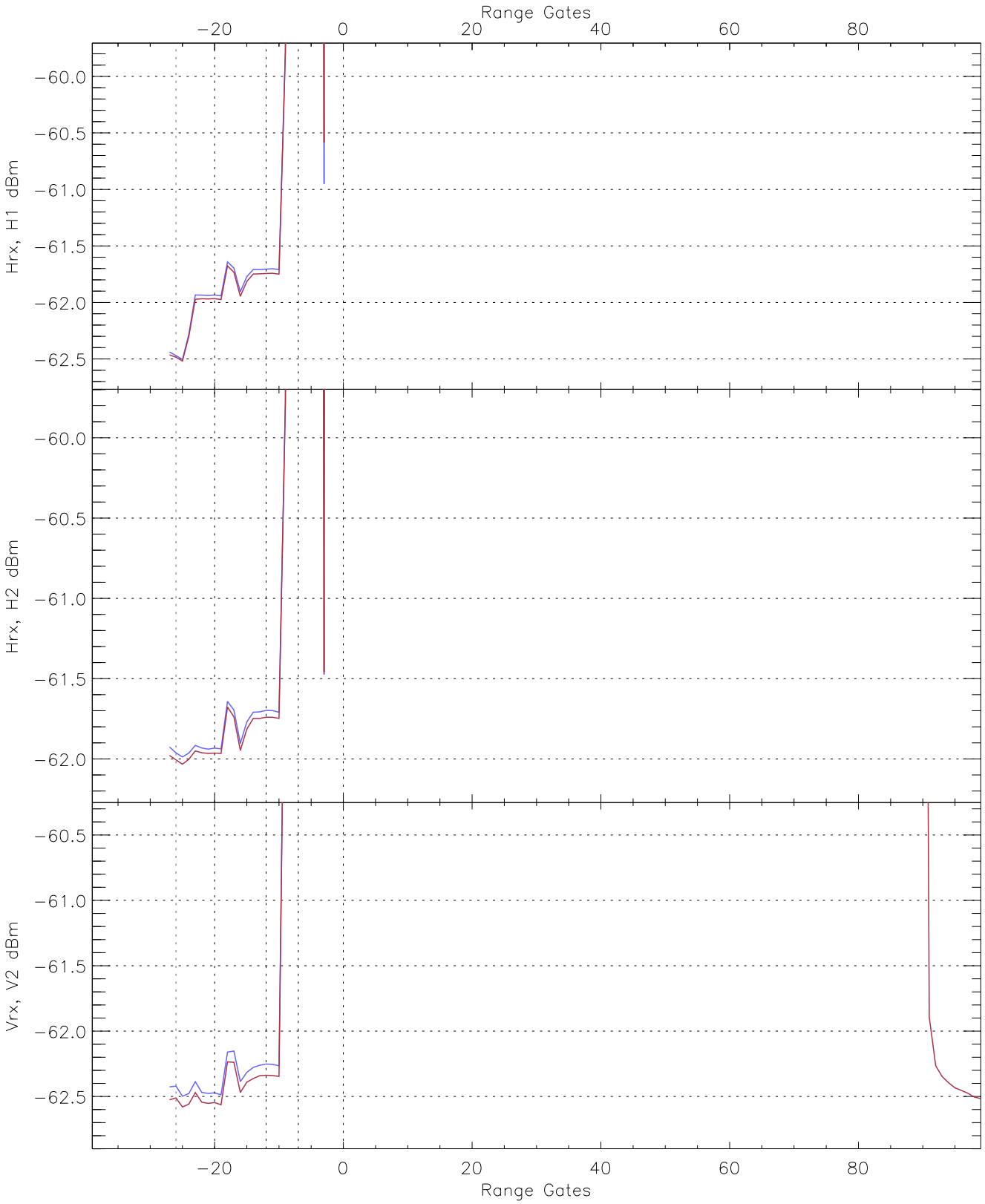


WCR2 CPP "Best" estimate Receivers Noise Power

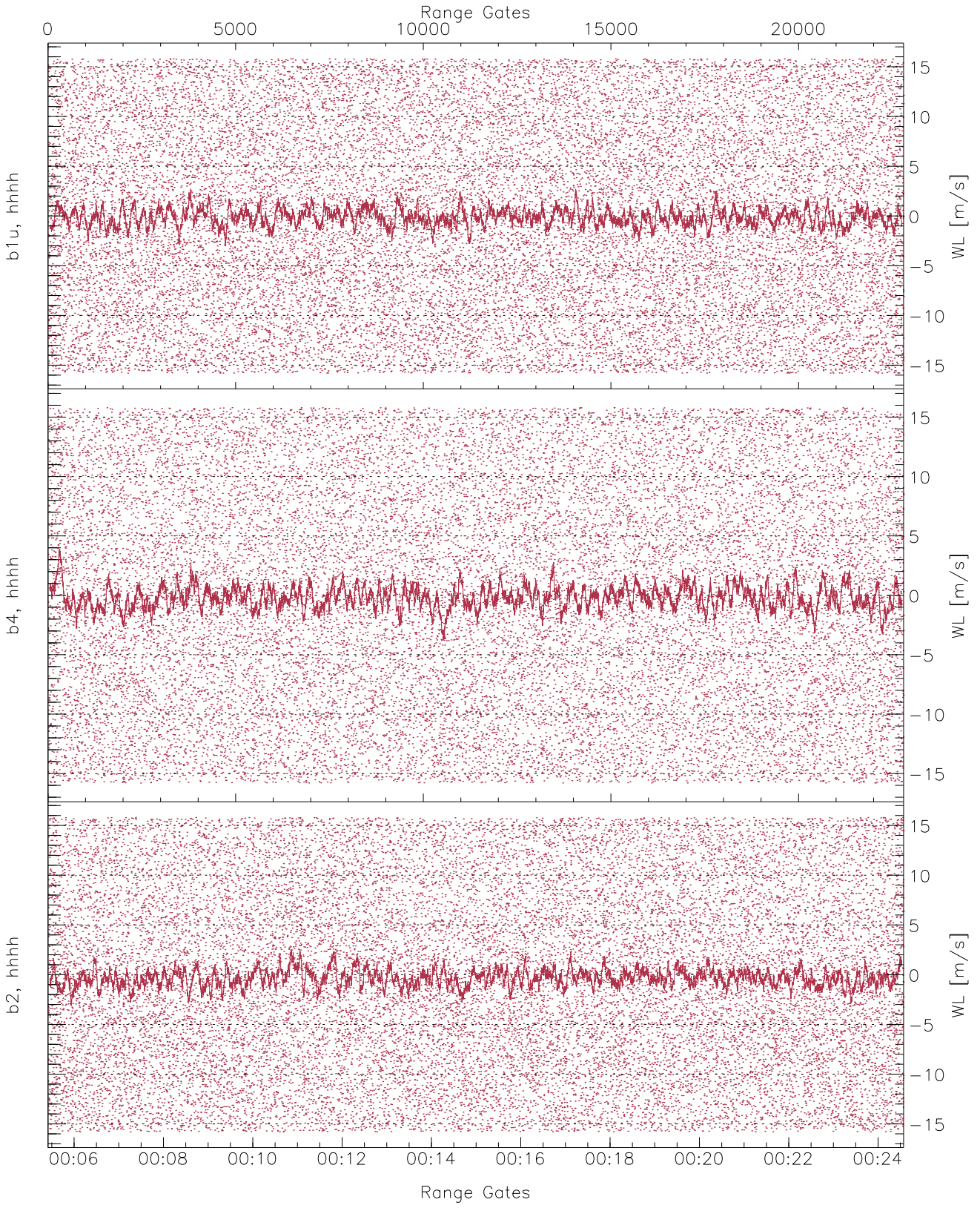
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.63	-61.54	-62.57	-62.57	-75.10
H2RG262_0 [dBm]	-62.96	-61.08	-62.05	-62.05	-74.57
V2RM_0 [dBm]	-63.72	-61.71	-62.65	-62.66	-75.14



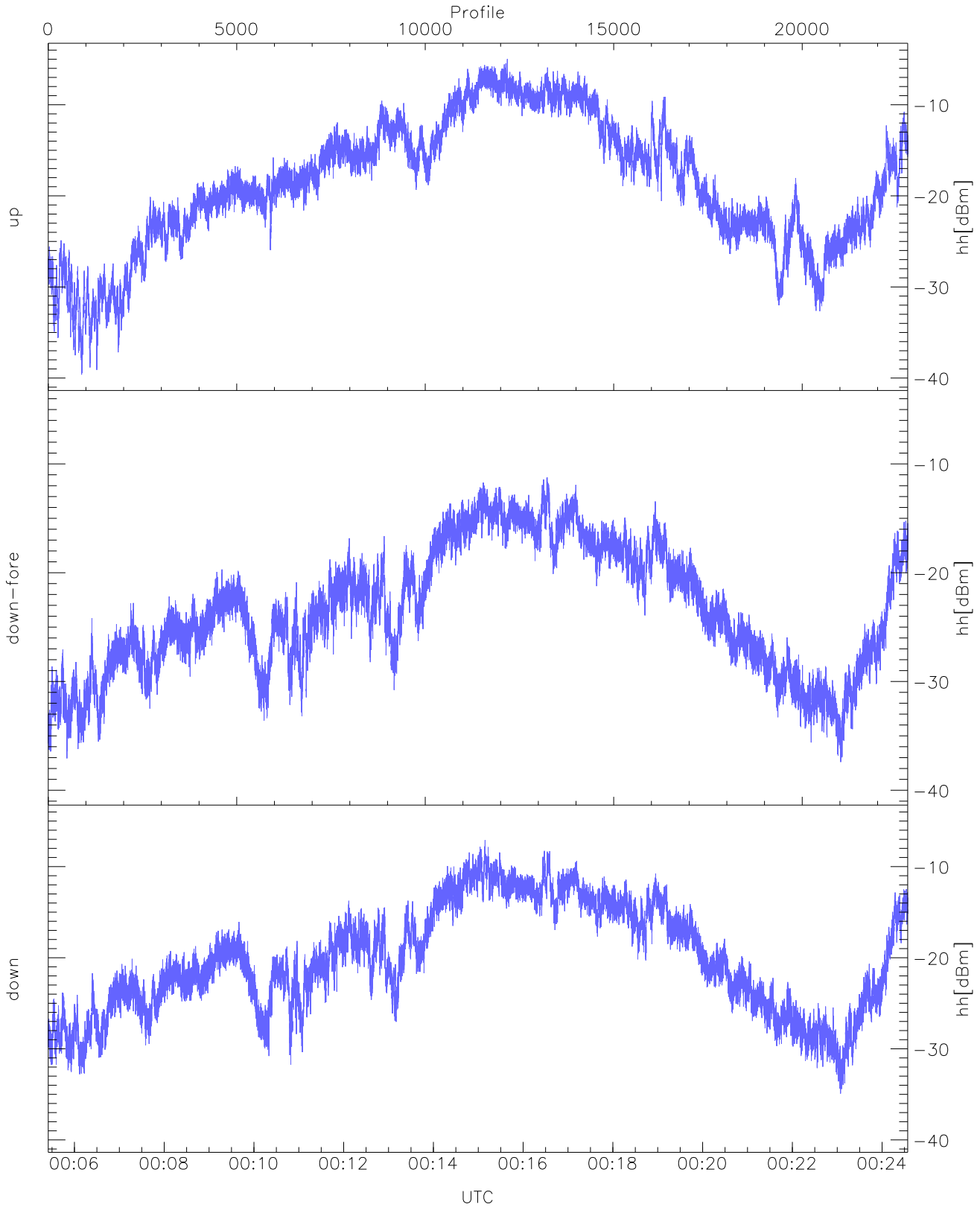
WCR2 CPP Averaged Received power for all recorded gates
blue: 000525-001500, 11401 profiles averaged
red: 001500-002434, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 000525-001500, 11401 profiles averaged
red: 001500-002434, 11400 profiles averaged

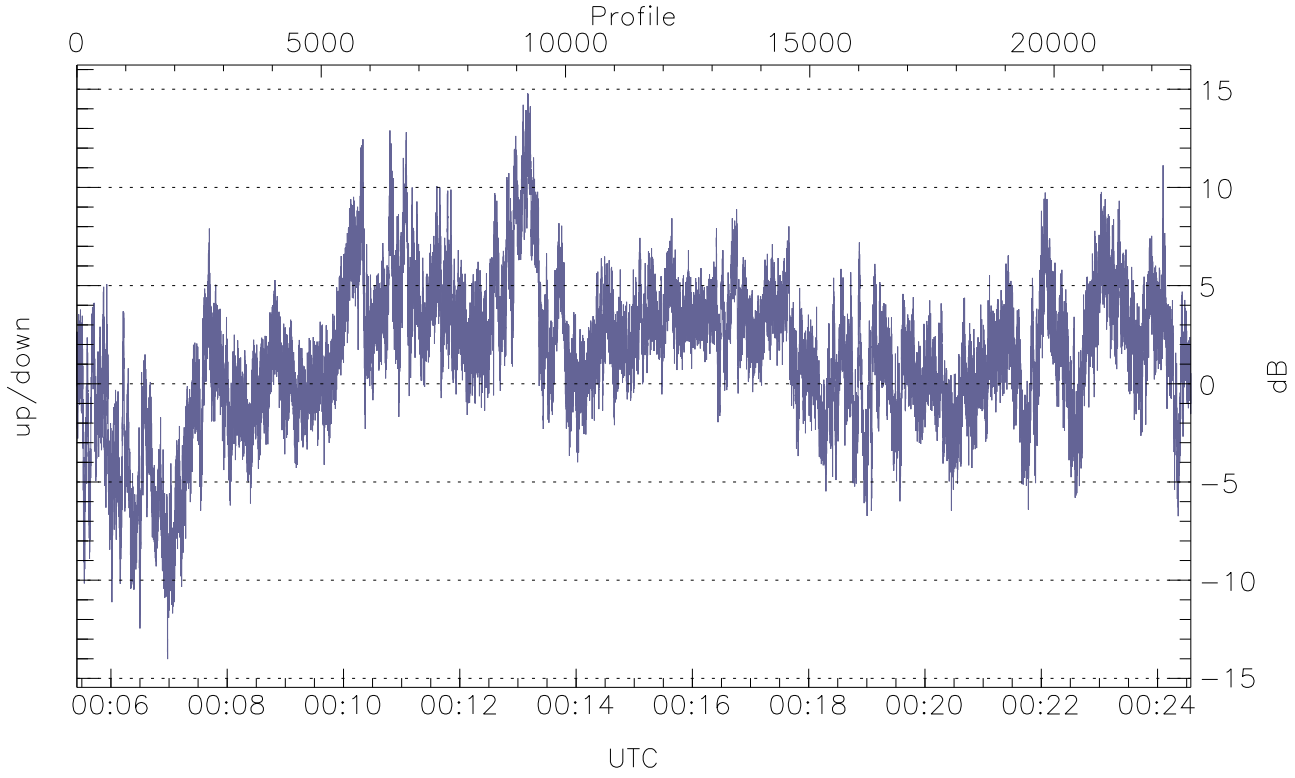


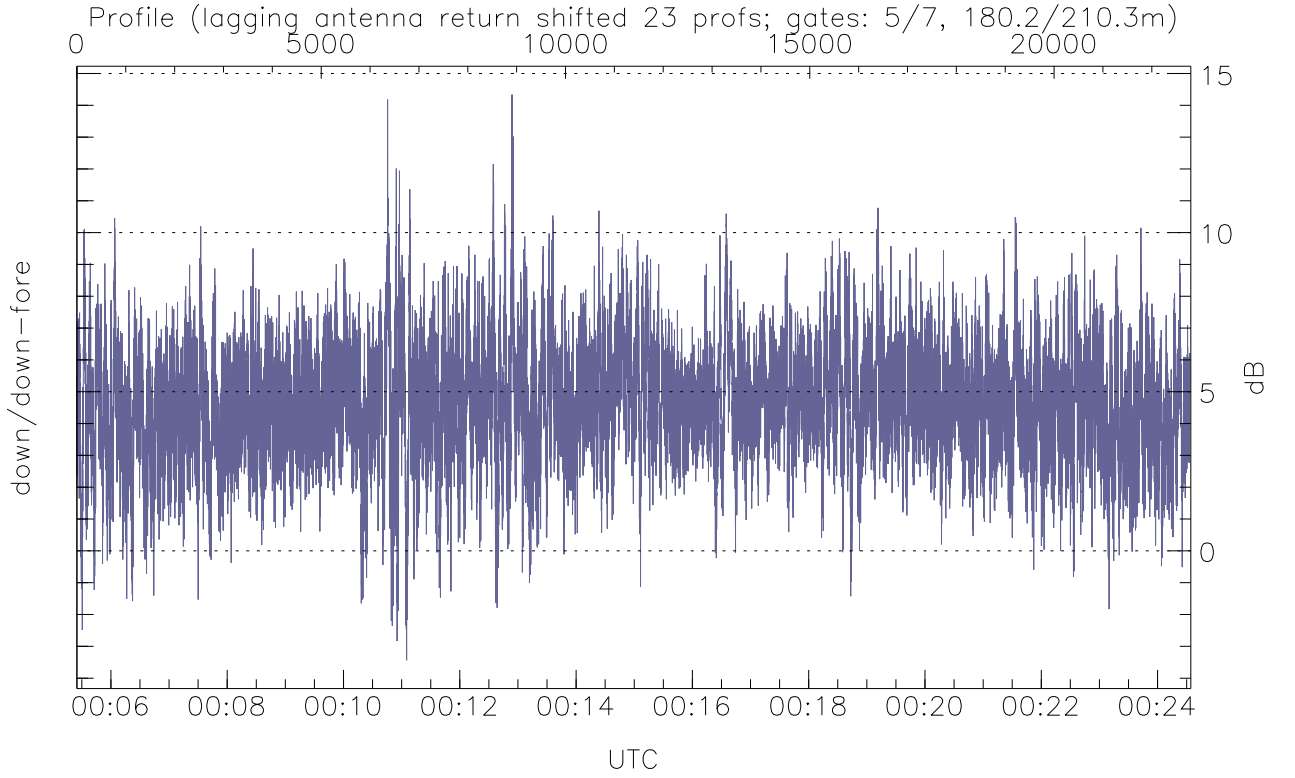
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

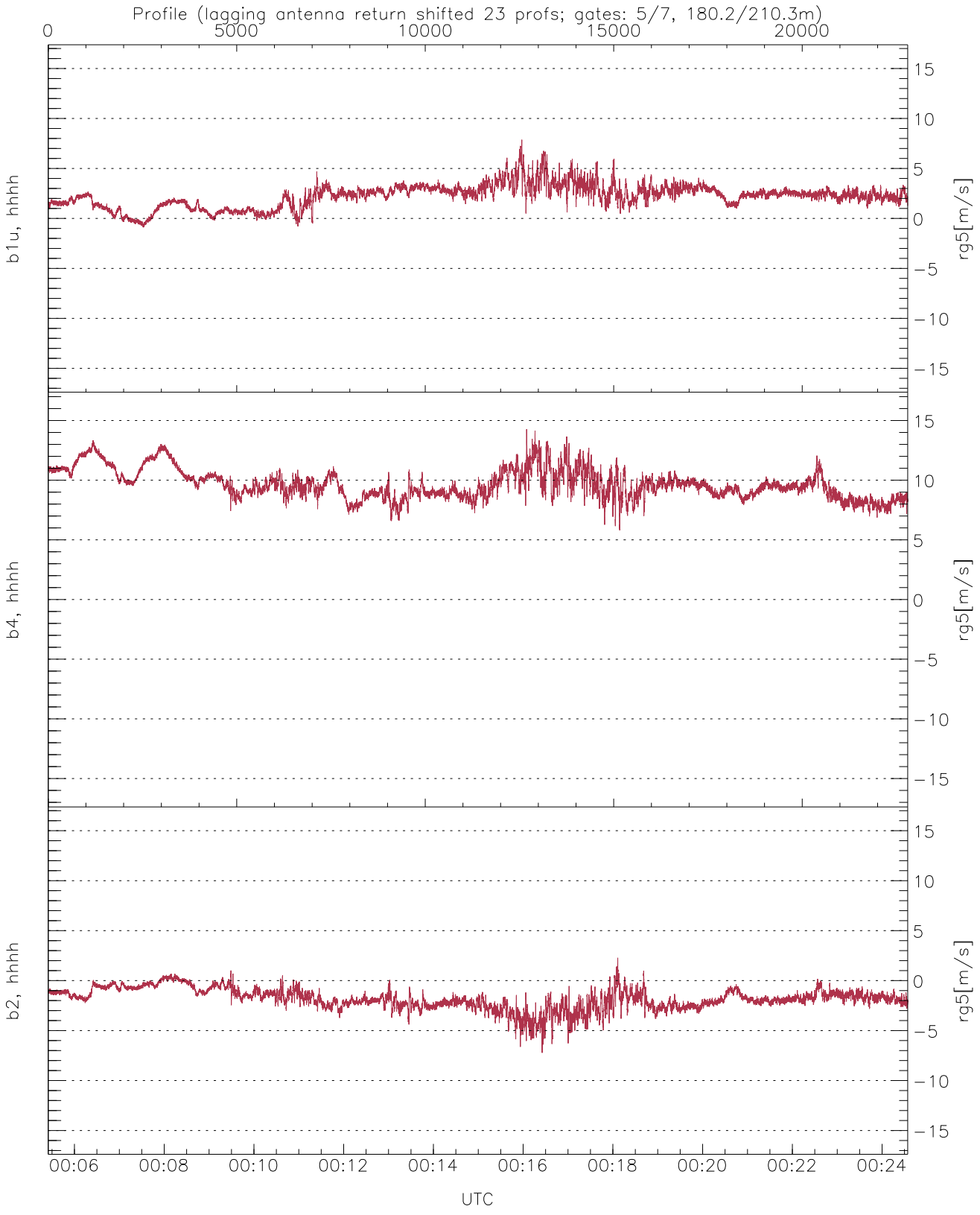
	Min	Max	Mean
up(hh[dBm])	-39.63	-4.98	-14.21
down-fore(hh[dBm])	-37.41	-11.23	-20.12
down(hh[dBm])	-34.91	-7.10	-16.76





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

	Min	Max	Mean
up/down(dB)	-14.02	14.79	1.48
down/down-fore(dB)	-3.44	14.34	4.63



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.89	7.87	2.22	1.15
b4, hhhh(rg5[m/s])	5.81	14.27	9.66	1.23
b2, hhhh(rg5[m/s])	-7.23	2.28	-1.83	1.04