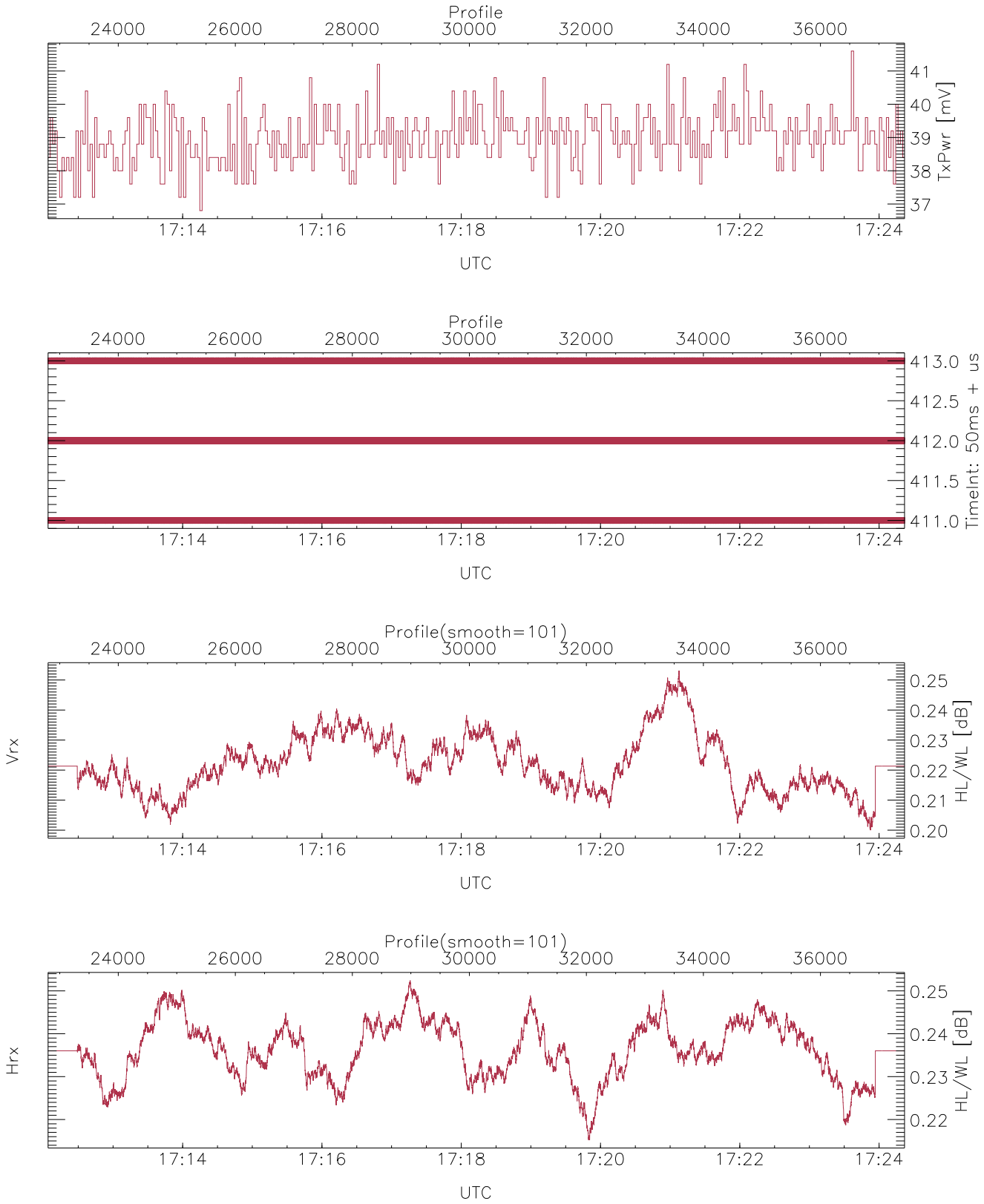
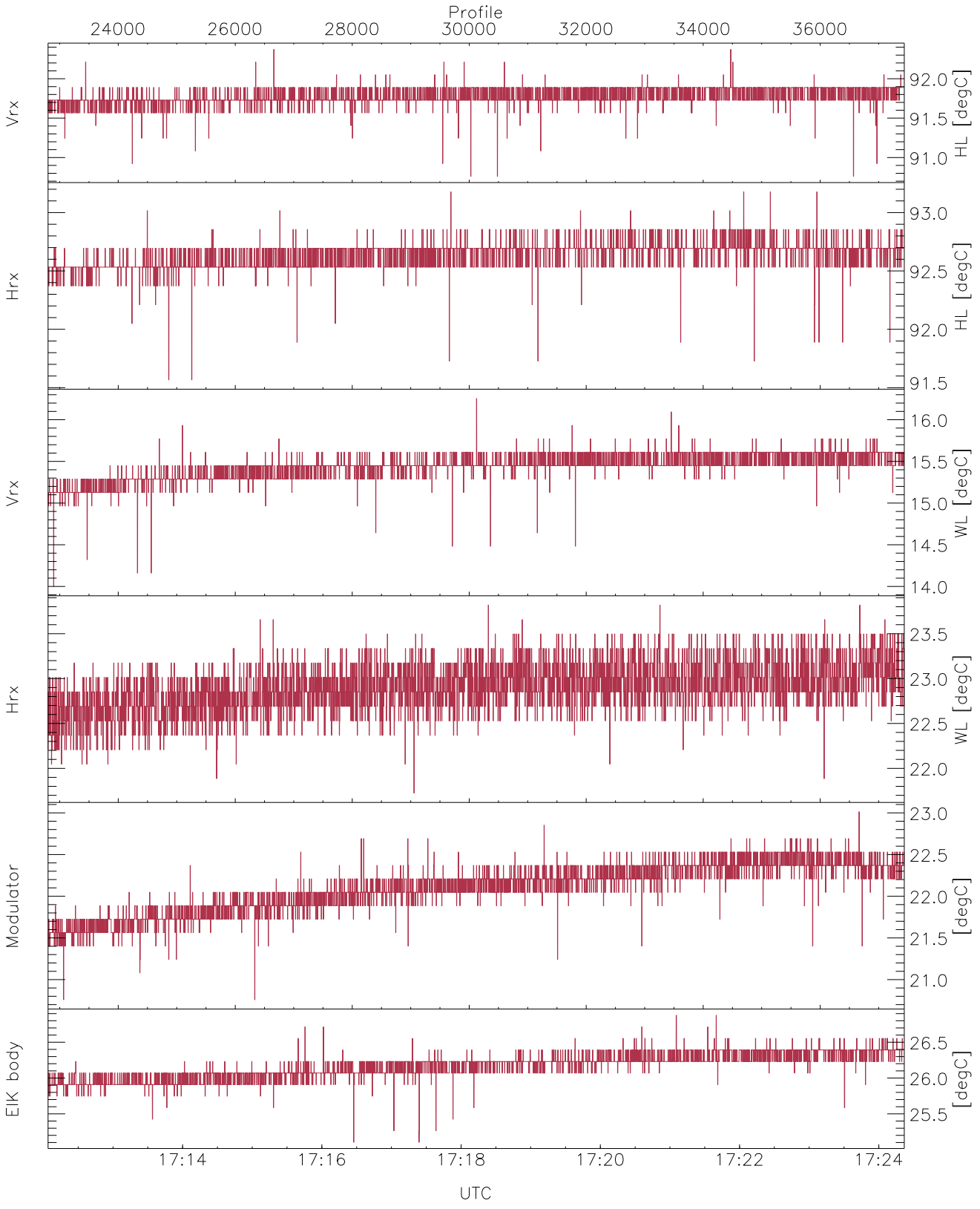


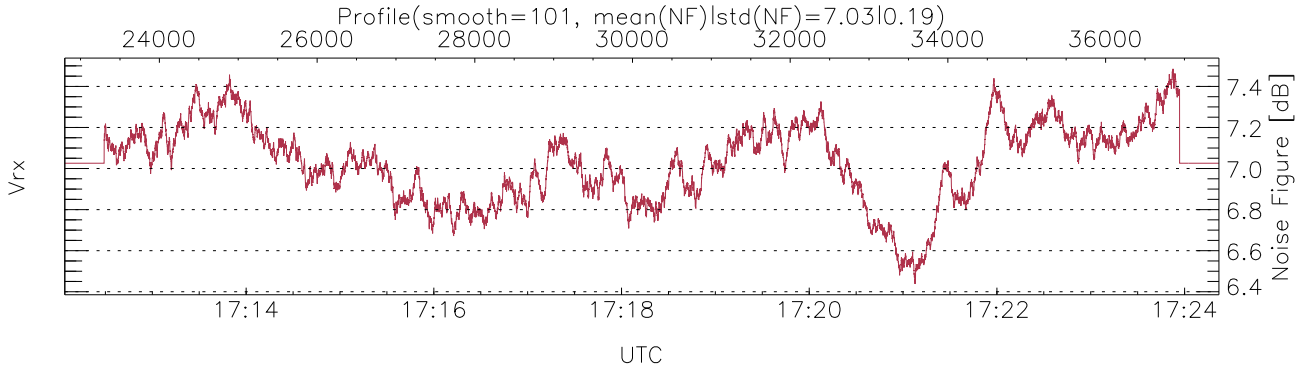
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

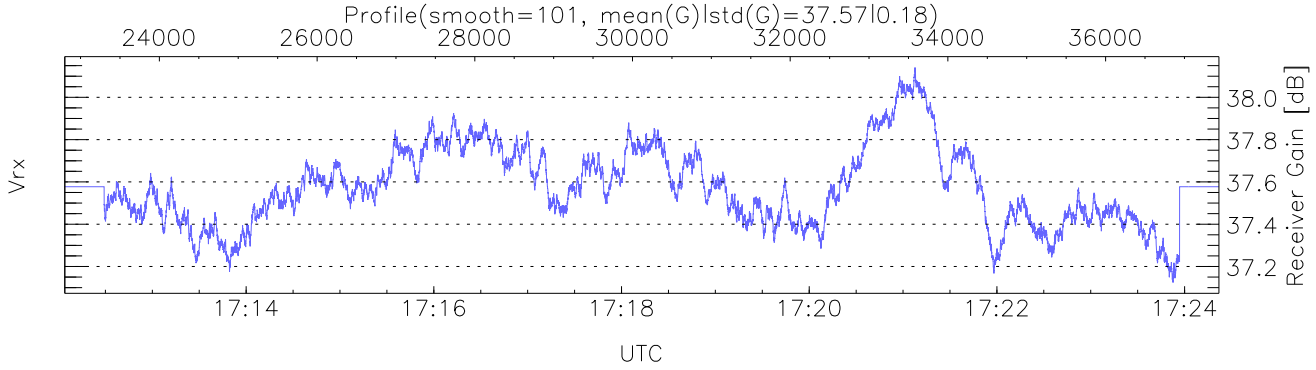
UTC: 16:52:55-17:24:22, Dur: 1887.35s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 14639/37439, 22800-37438/17:12:04-17:24:22
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

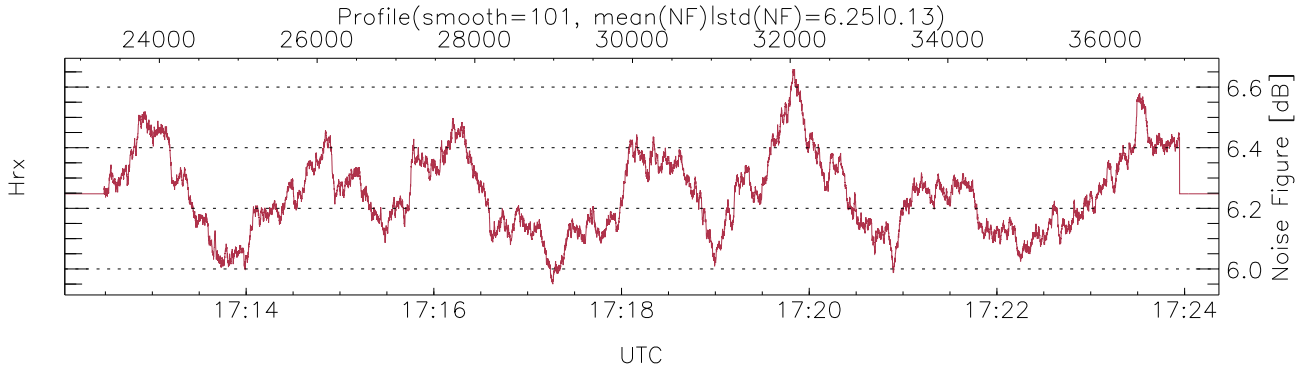


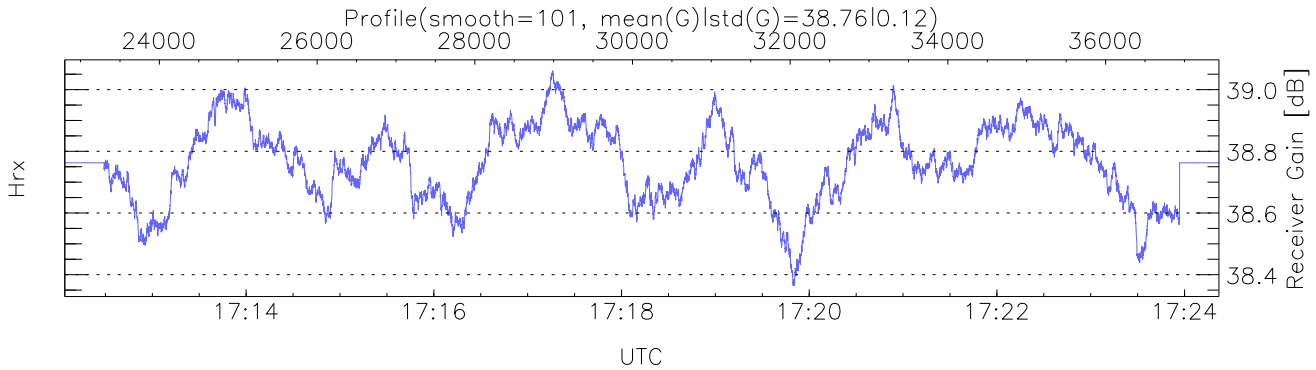
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,20,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,23,26
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,5)



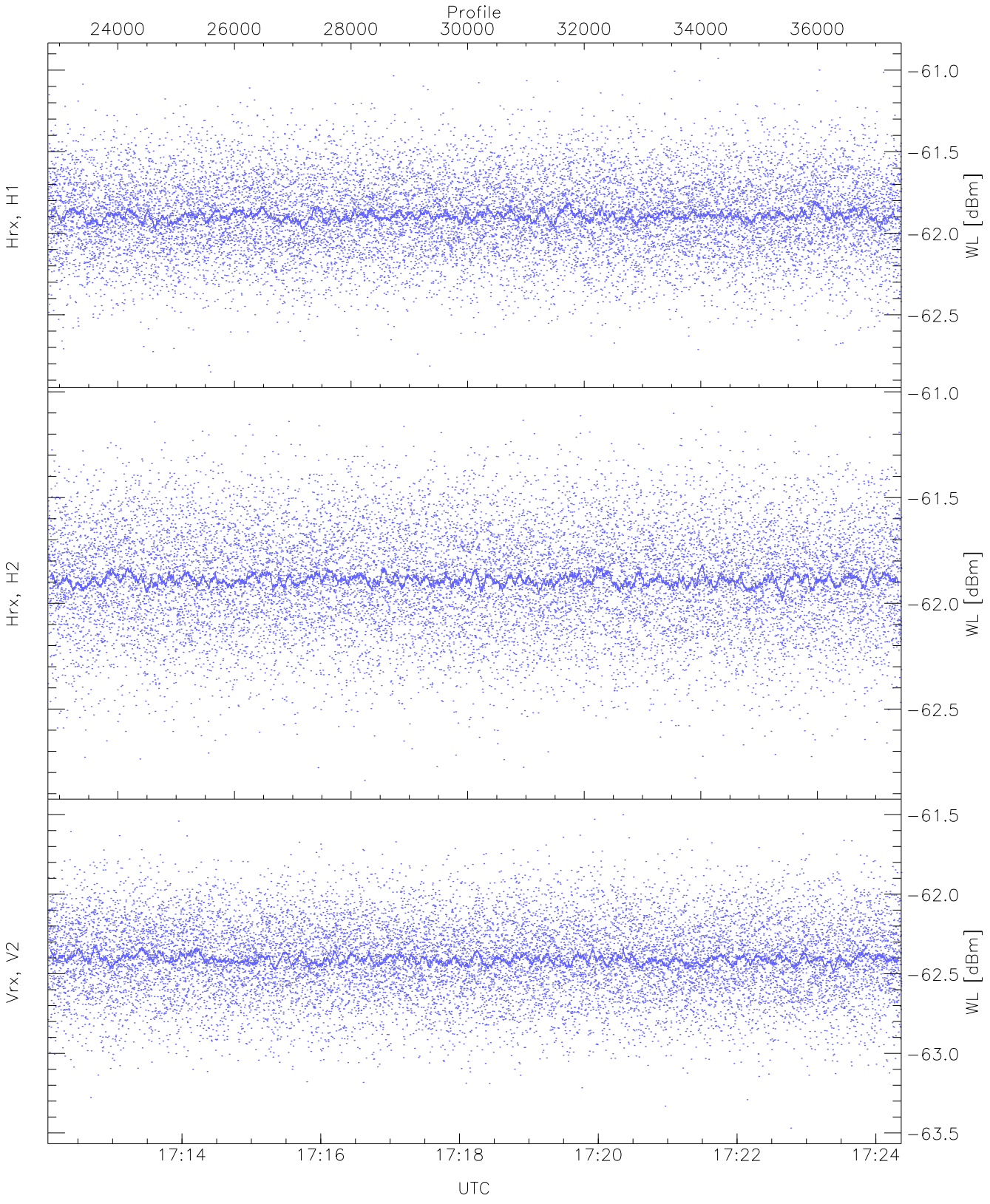






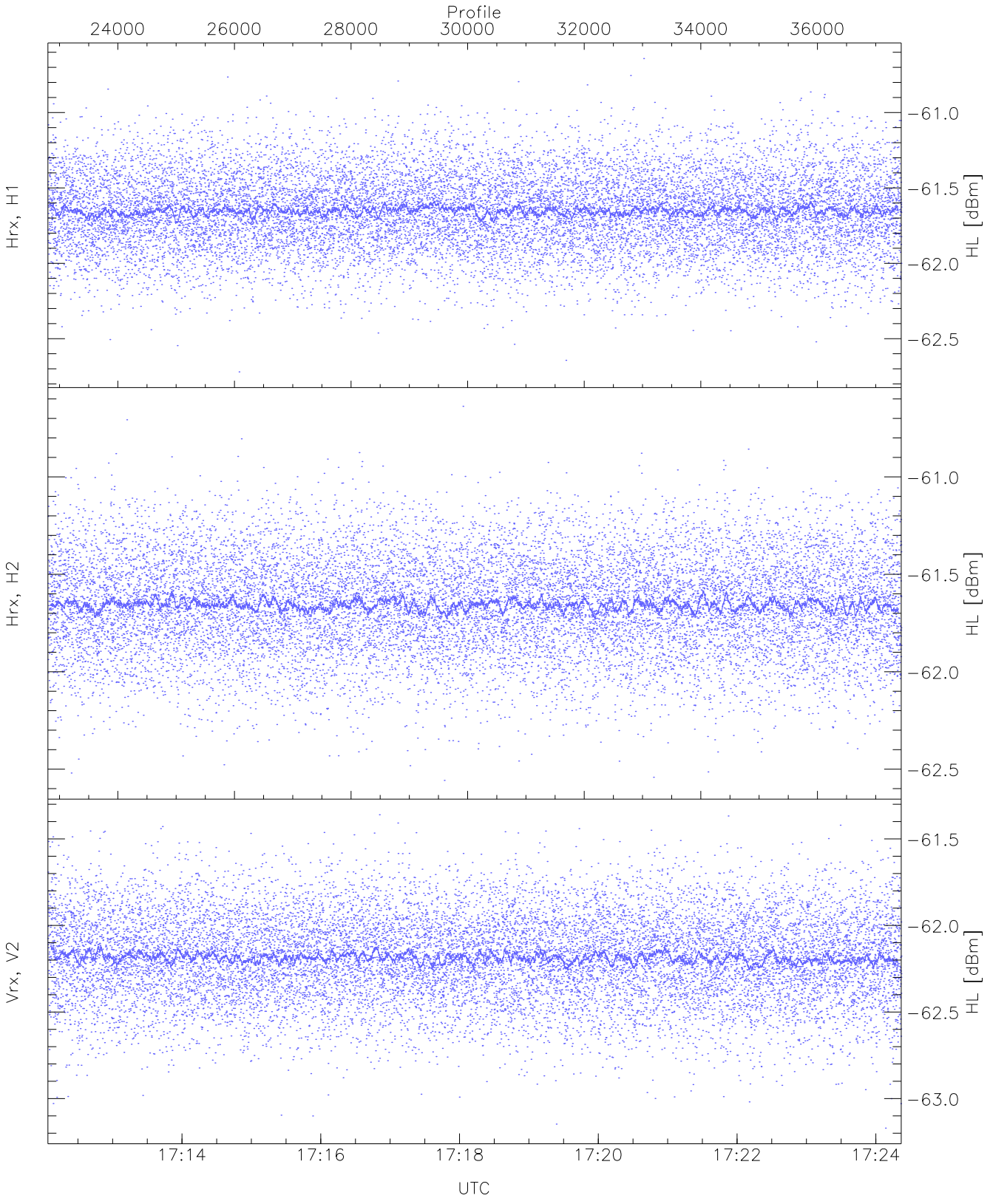
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 16605 pixs, 27 gates, 13857 profs, 2 prods



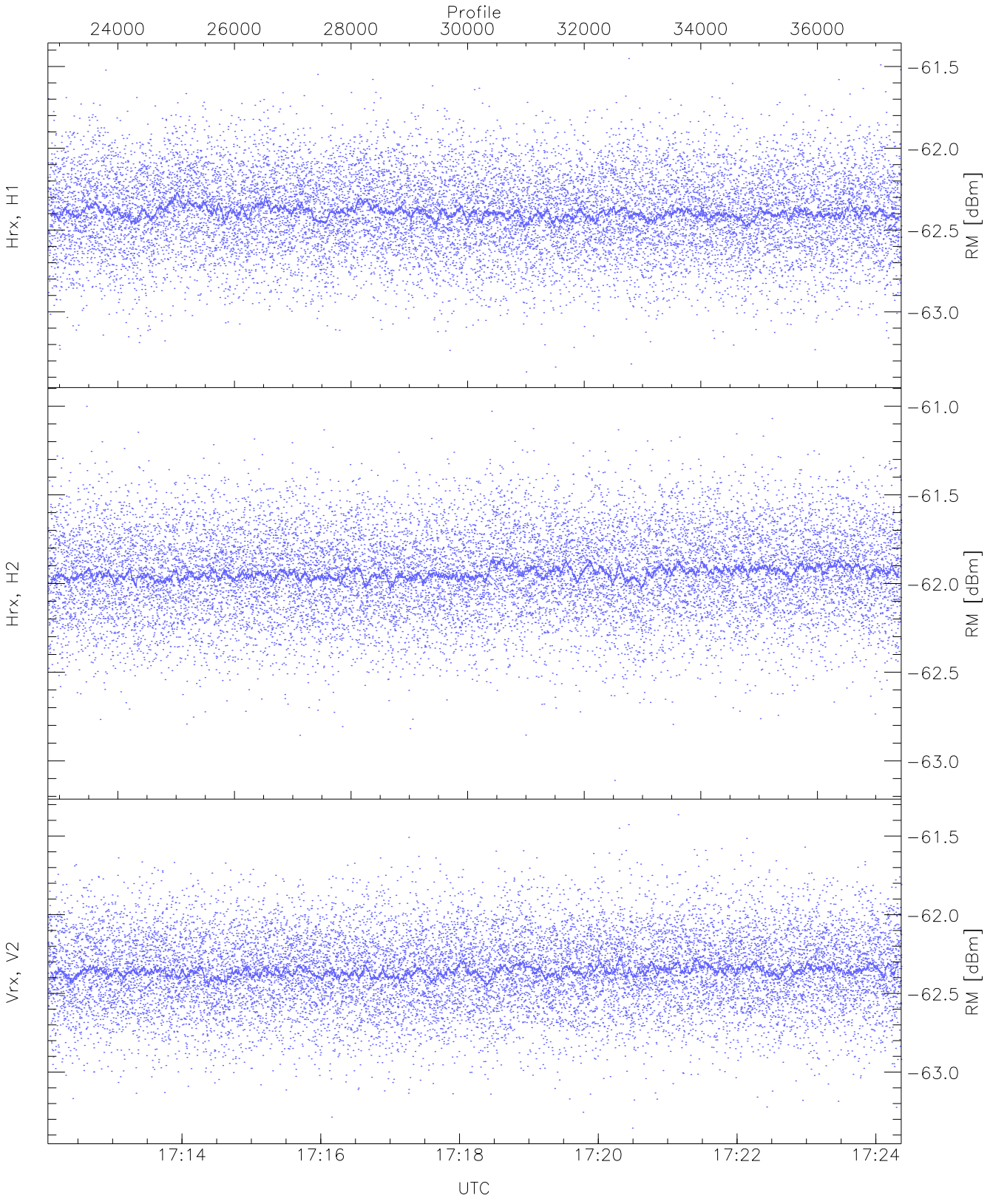
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.85	-60.93	-61.89	-61.89	-74.47
Hrx, H2(WL [dBm])	-62.84	-61.07	-61.88	-61.89	-74.43
Vrx, V2(WL [dBm])	-63.47	-61.50	-62.40	-62.41	-74.96



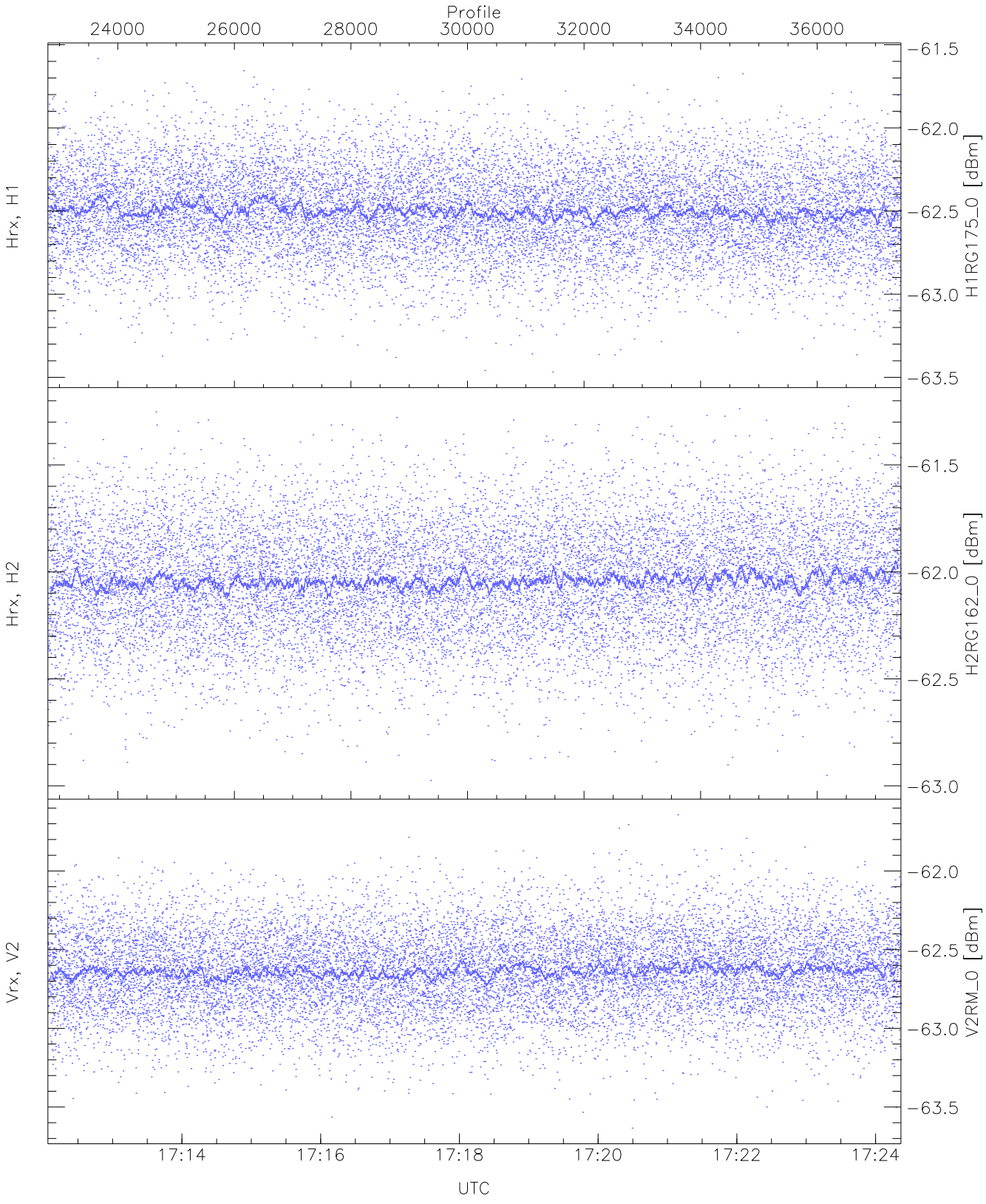
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.72	-60.64	-61.65	-61.65	-74.18
Hrx, H2(HL [dBm])	-62.56	-60.64	-61.65	-61.66	-74.24
Vrx, V2(HL [dBm])	-63.17	-61.36	-62.18	-62.19	-74.77



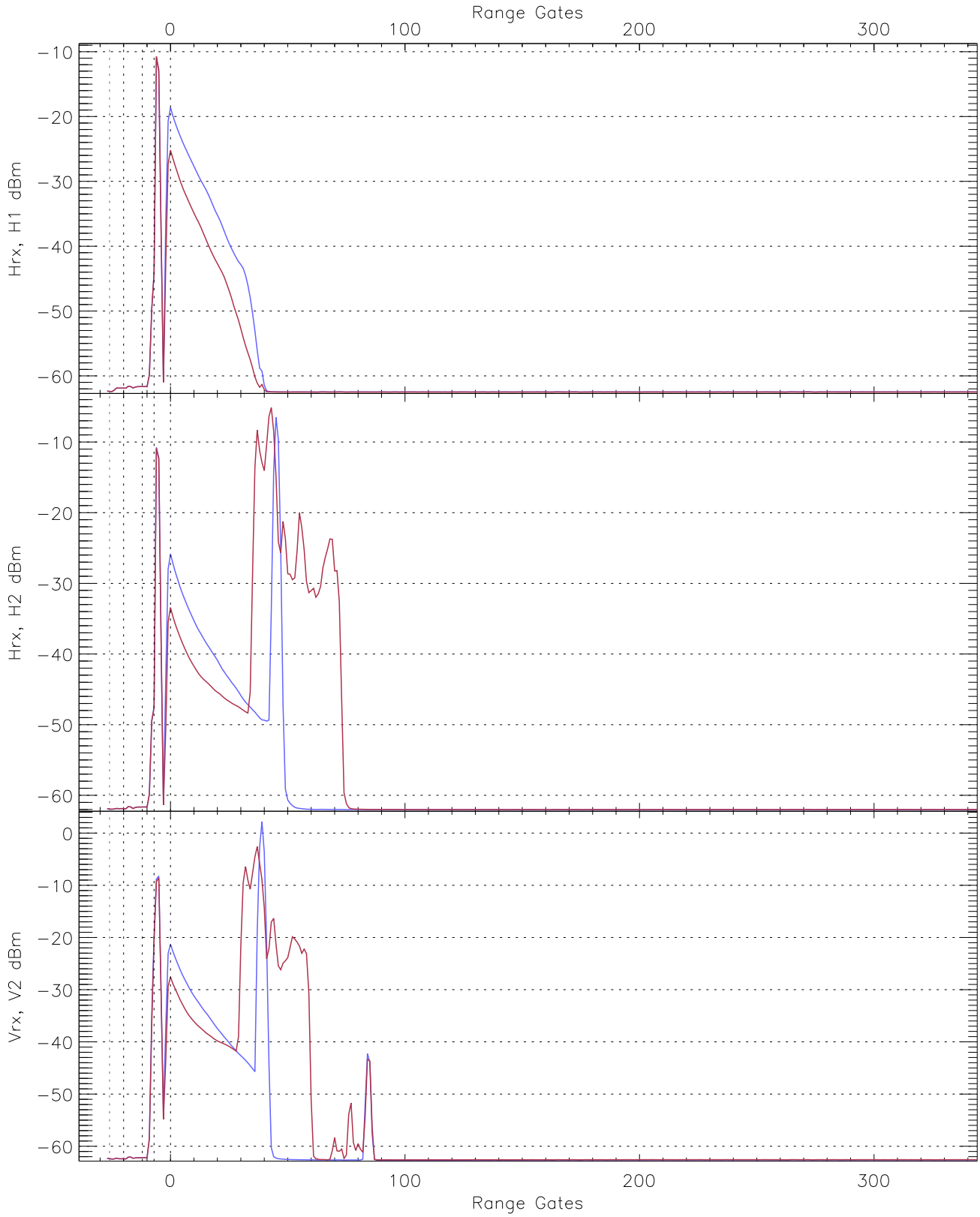
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.37	-61.45	-62.39	-62.39	-74.92
Hrx, H2(RM [dBm])	-63.11	-61.00	-61.94	-61.94	-74.51
Vrx, V2(RM [dBm])	-63.36	-61.36	-62.35	-62.36	-74.91

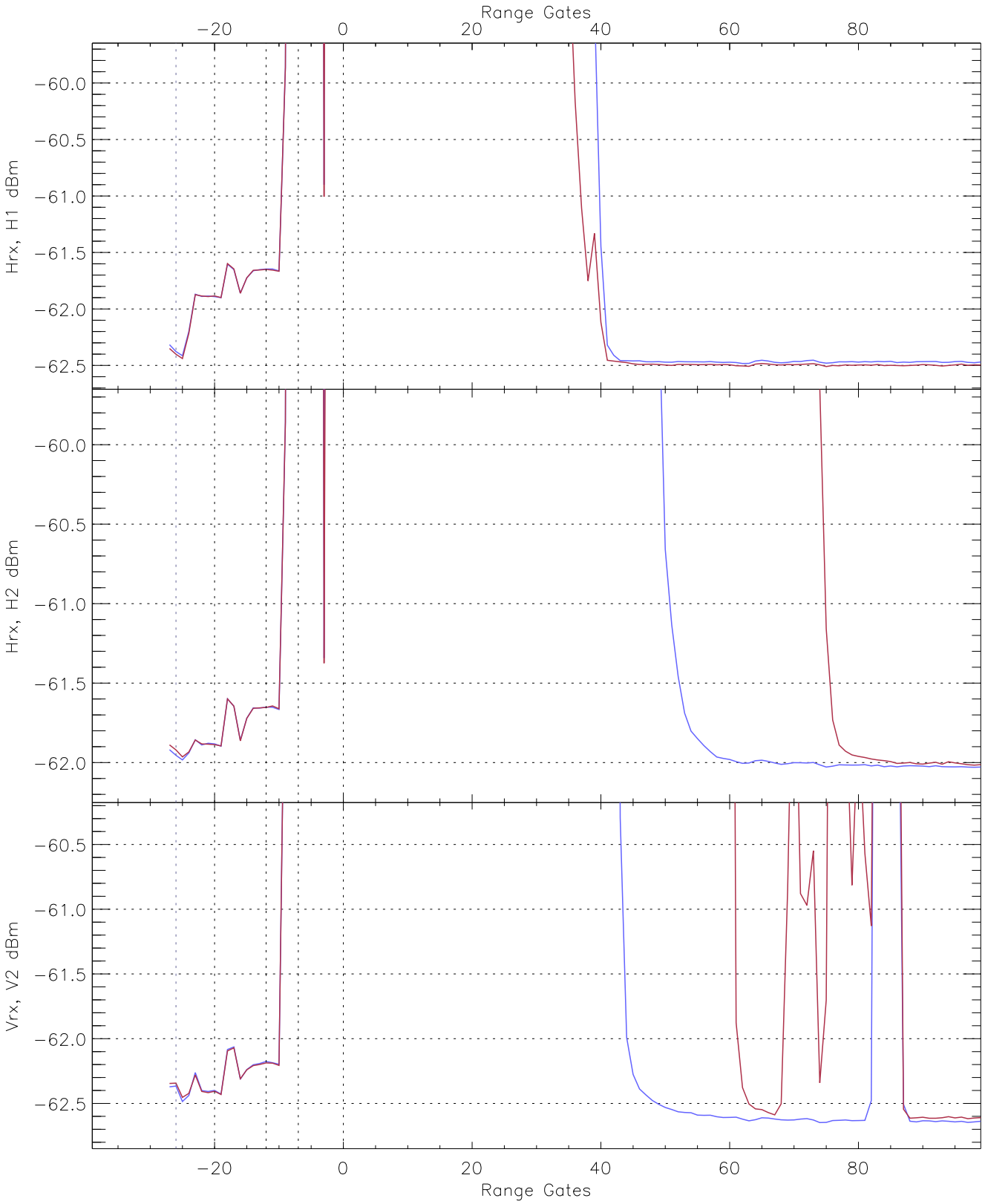


WCR2 CPP "Best" estimate Receivers Noise Power

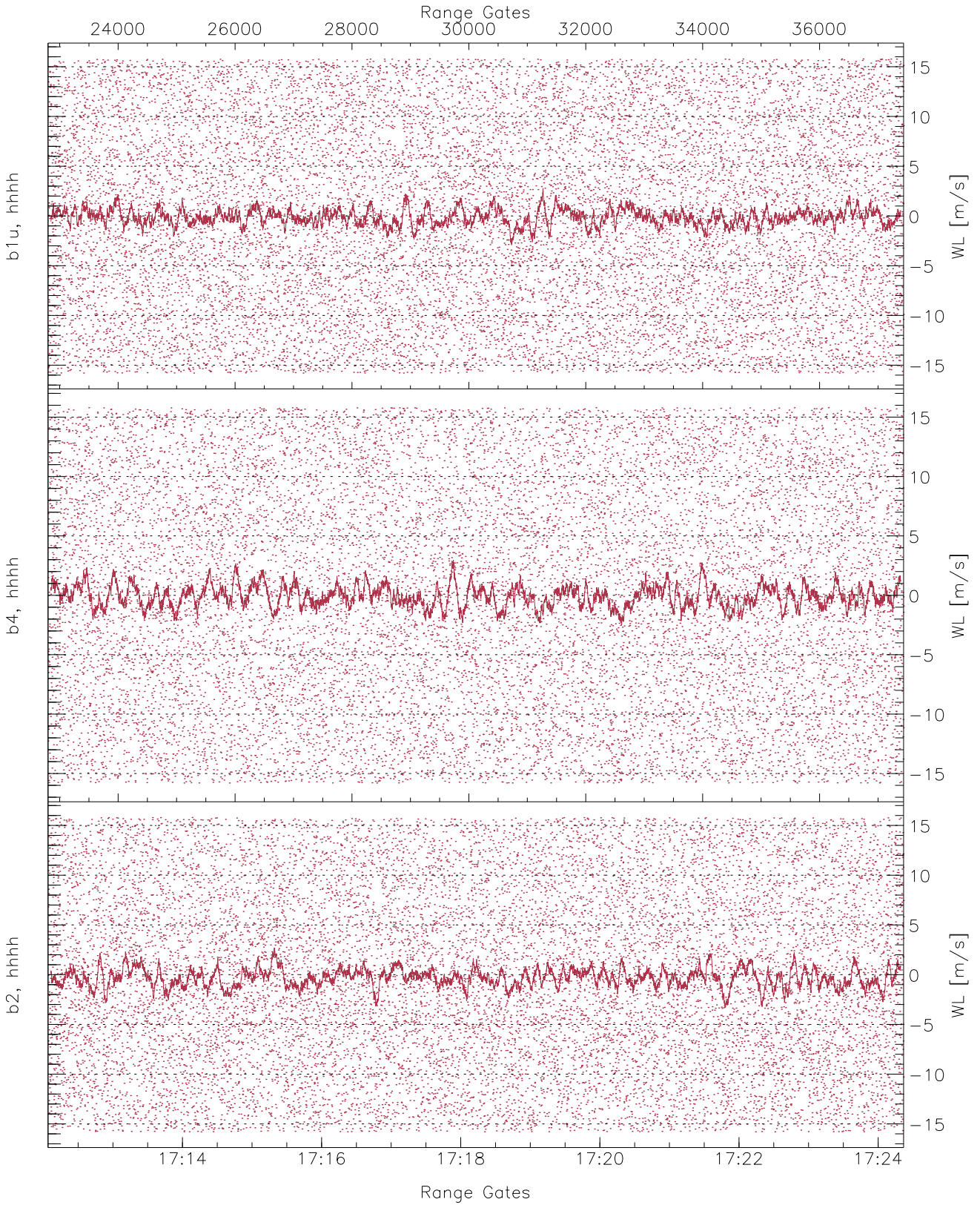
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.47	-61.58	-62.50	-62.50	-75.00
H2RG162_0 [dBm]	-62.97	-61.23	-62.04	-62.04	-74.57
V2RM_0 [dBm]	-63.63	-61.64	-62.63	-62.64	-75.18



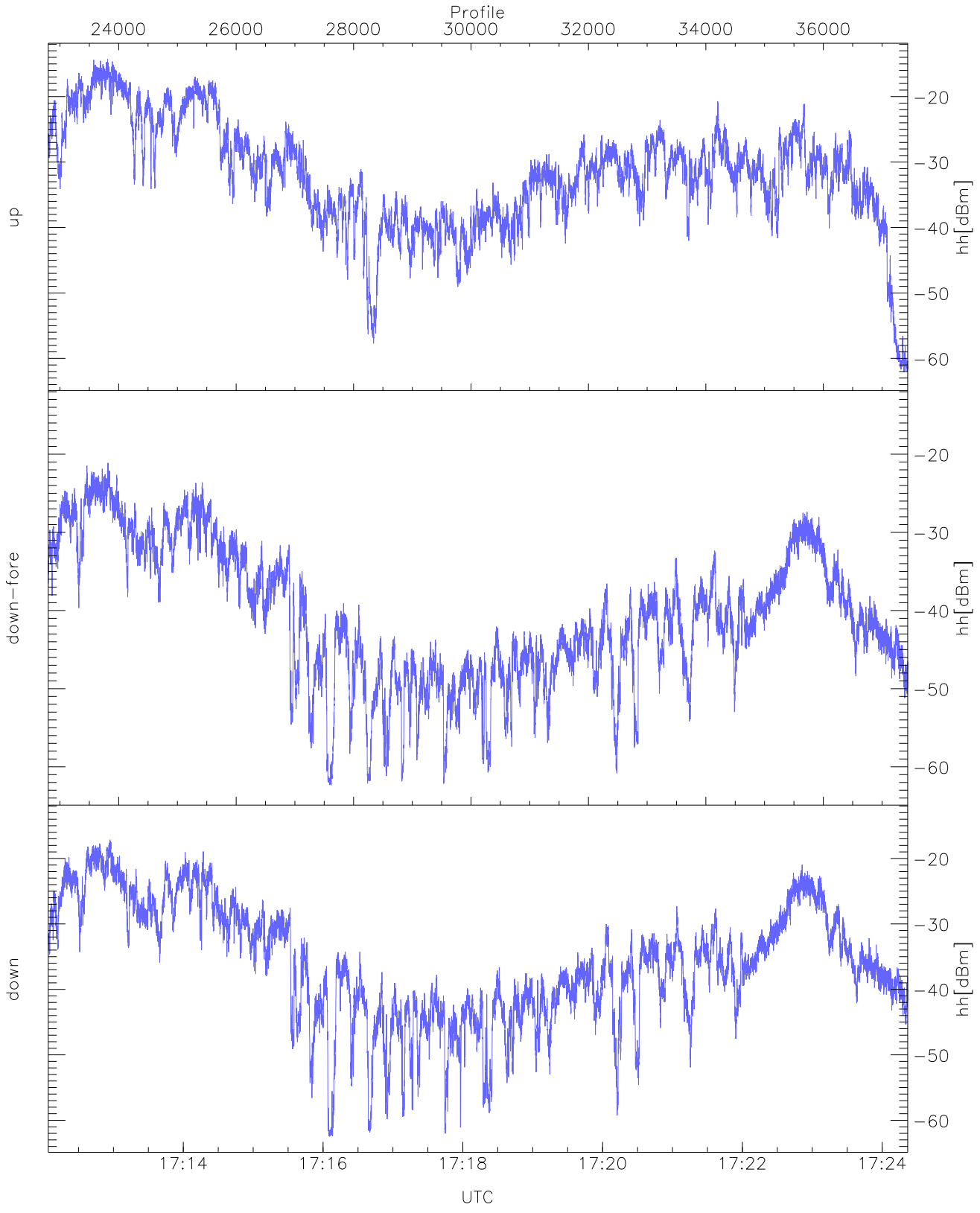
WCR2 CPP Averaged Received power for all recorded gates
blue: 171204-171813, 7320 profiles averaged
red: 171813-172422, 7320 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 171204-171813, 7320 profiles averaged
red: 171813-172422, 7320 profiles averaged

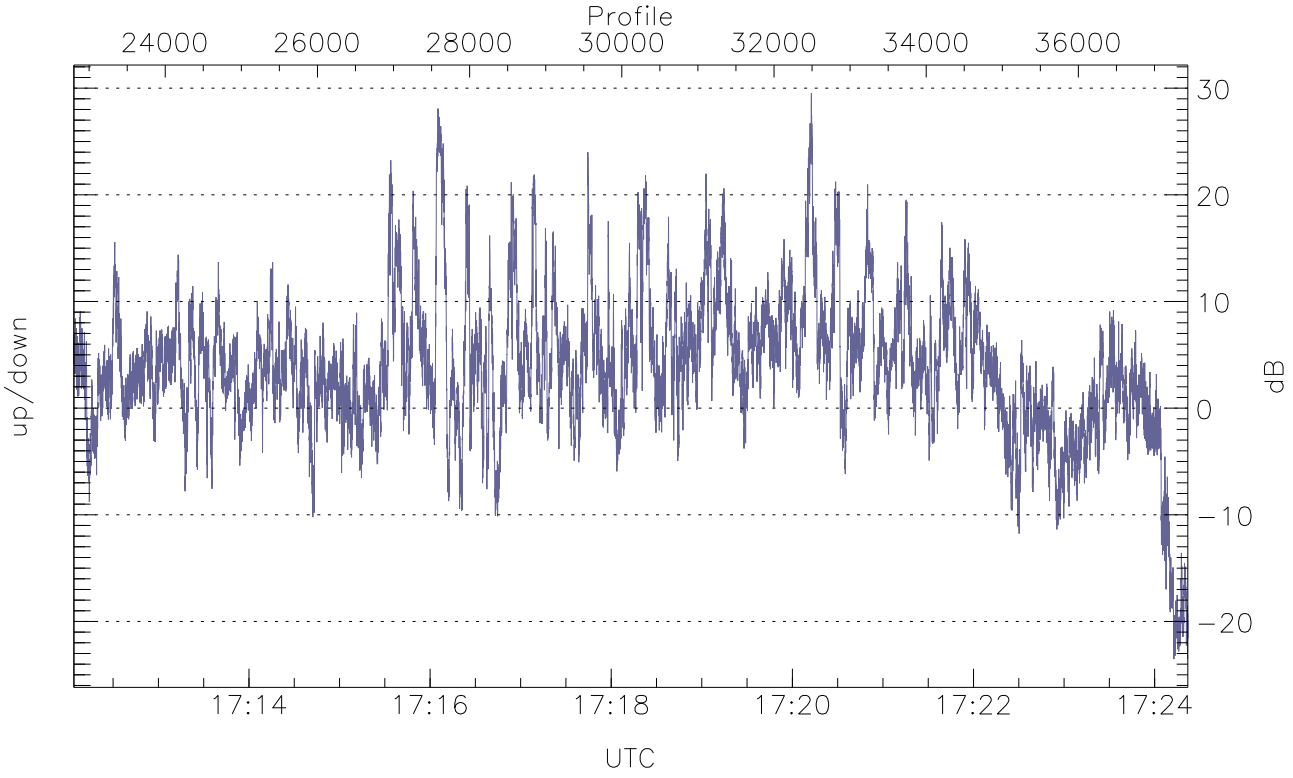


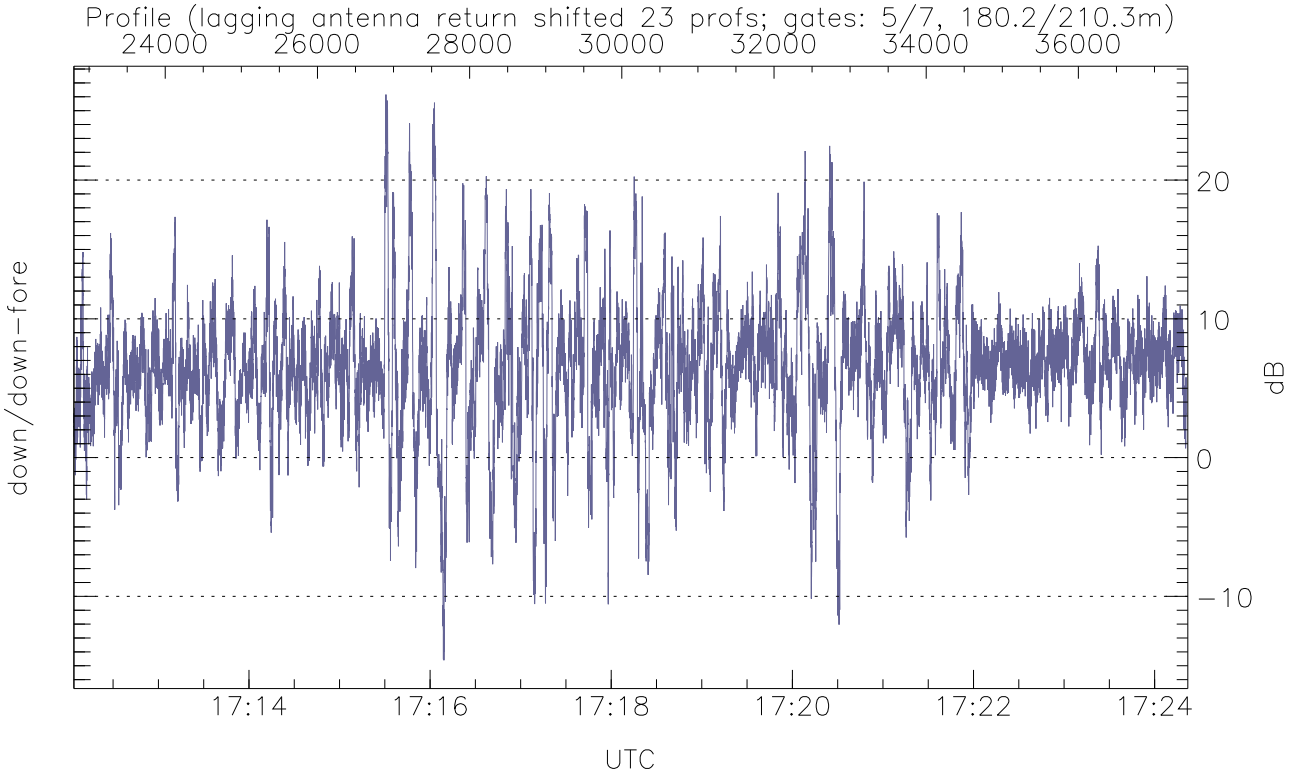
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

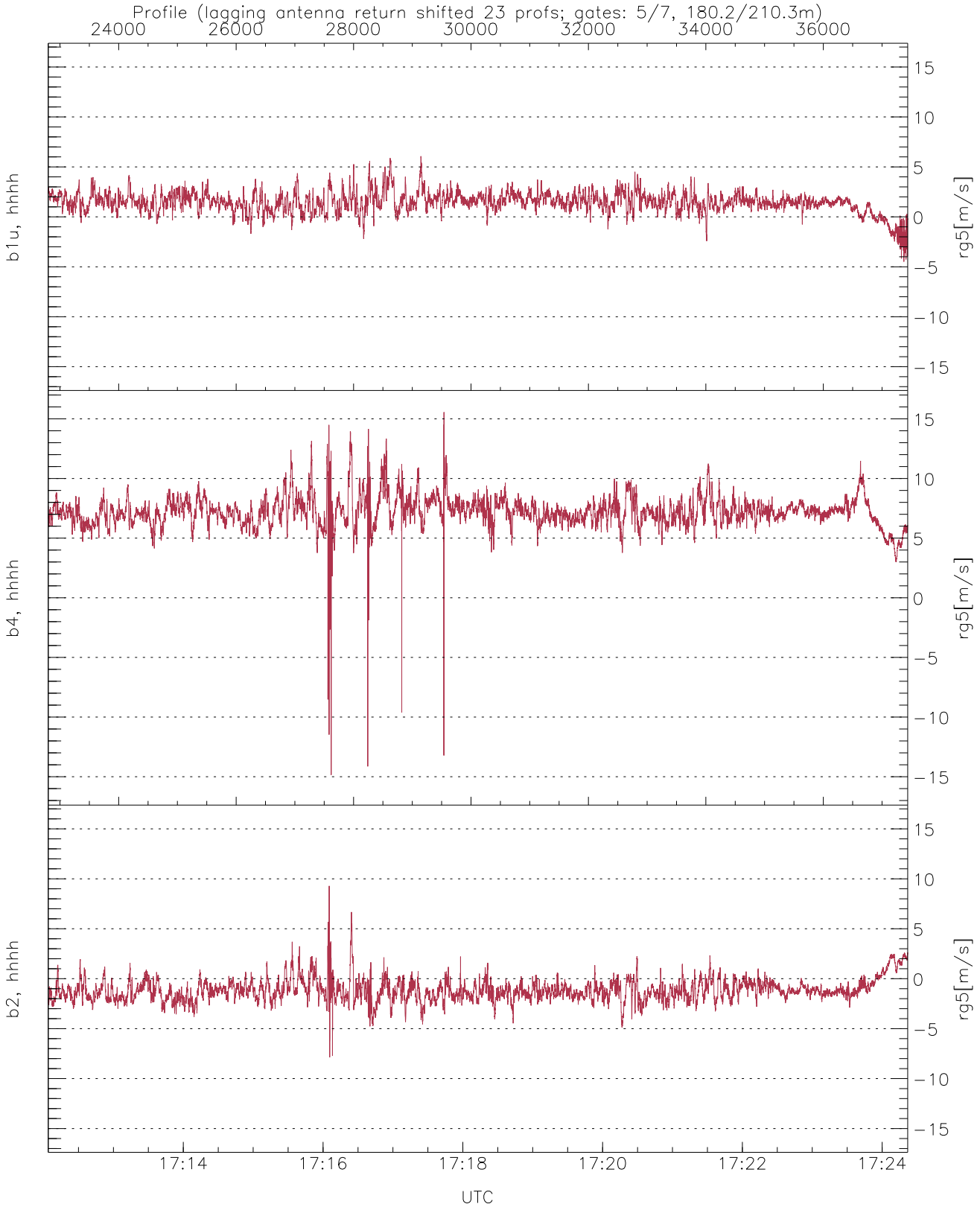
	Min	Max	Mean
up(hh[dBm])	-62.07	-14.26	-26.00
down-fore(hh[dBm])	-62.34	-21.11	-33.60
down(hh[dBm])	-62.49	-17.14	-29.03





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

	Min	Max	Mean
up/down(dB)	-23.53	29.52	3.89
down/down-fore(dB)	-14.60	26.16	6.55



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-4.49	6.07	1.46	1.04
b4, hhhh(rg5[m/s])	-14.85	15.56	7.21	1.29
b2, hhhh(rg5[m/s])	-7.86	9.29	-1.13	1.11