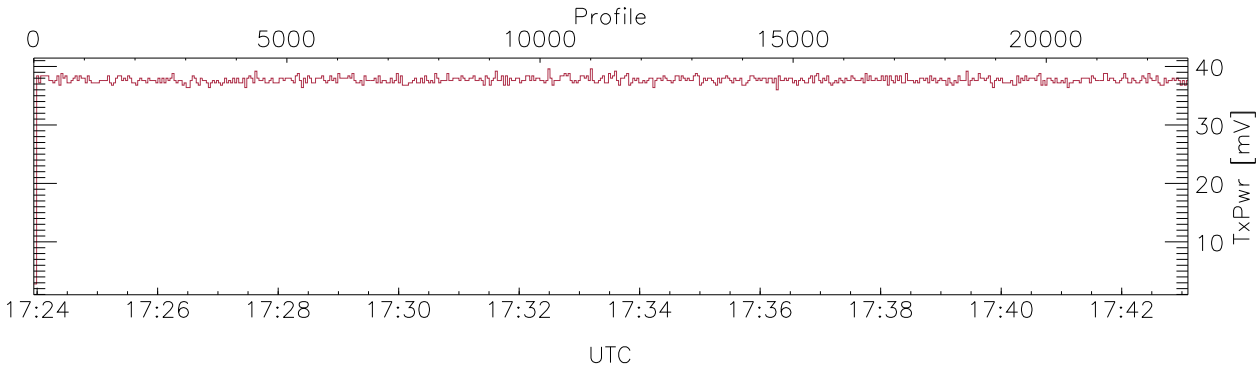
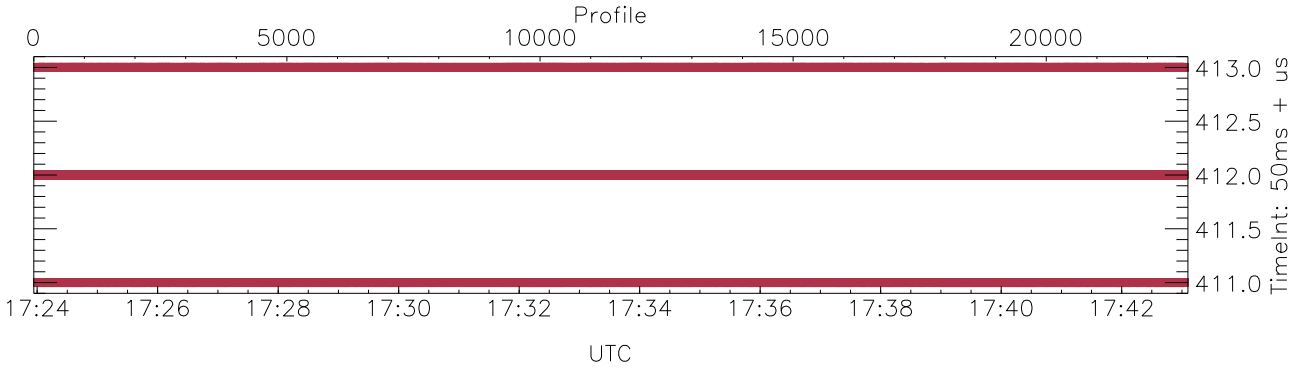
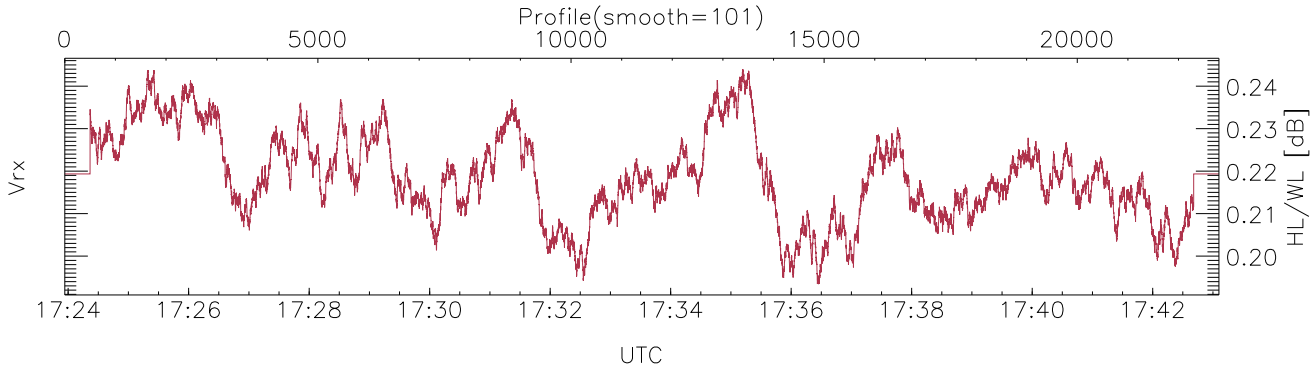
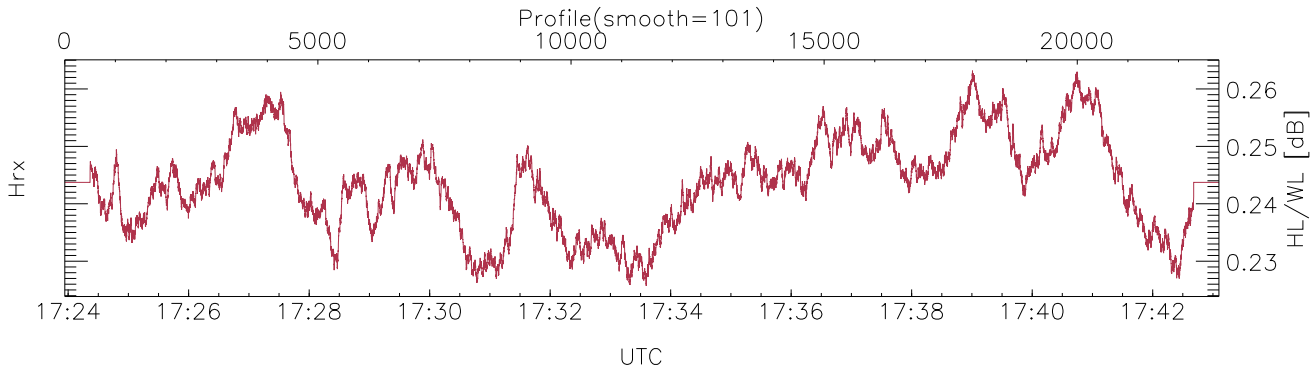


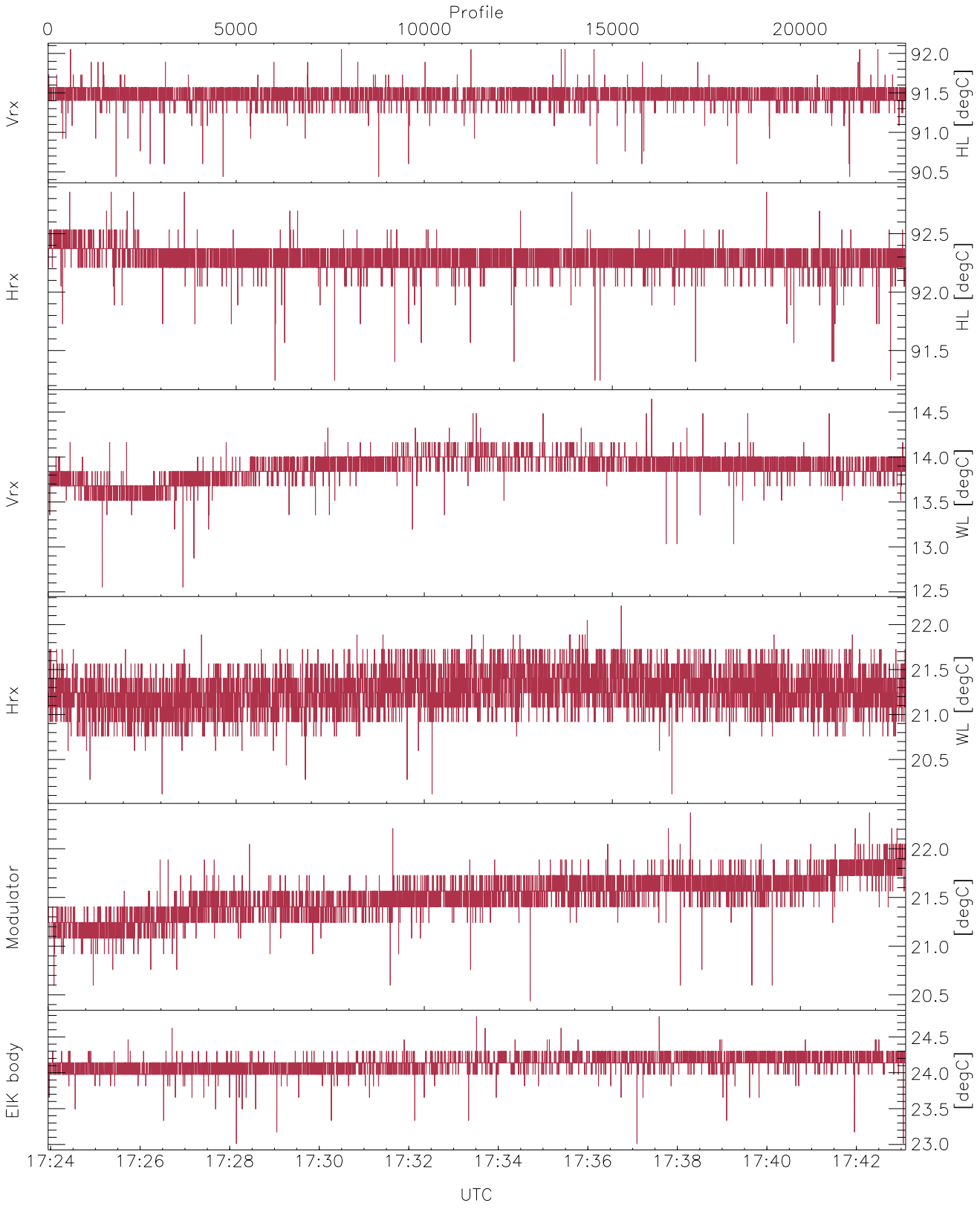






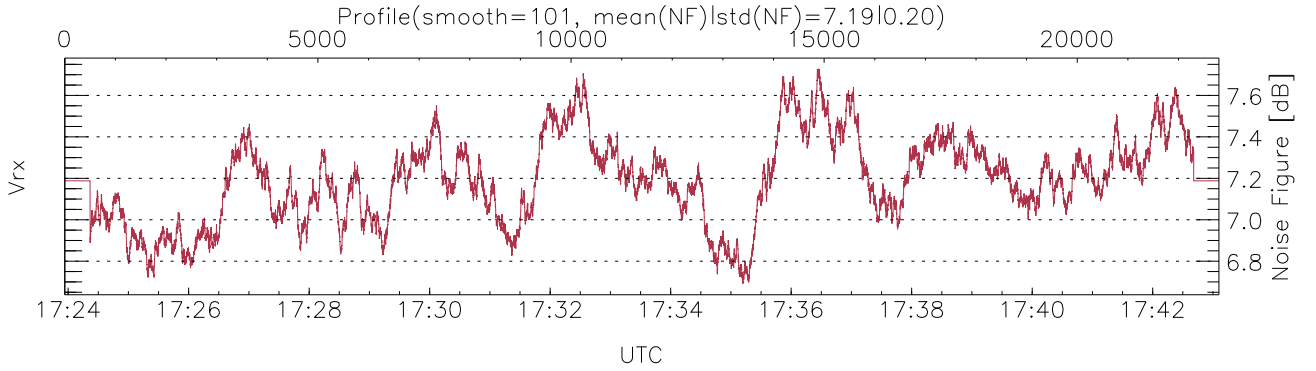
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

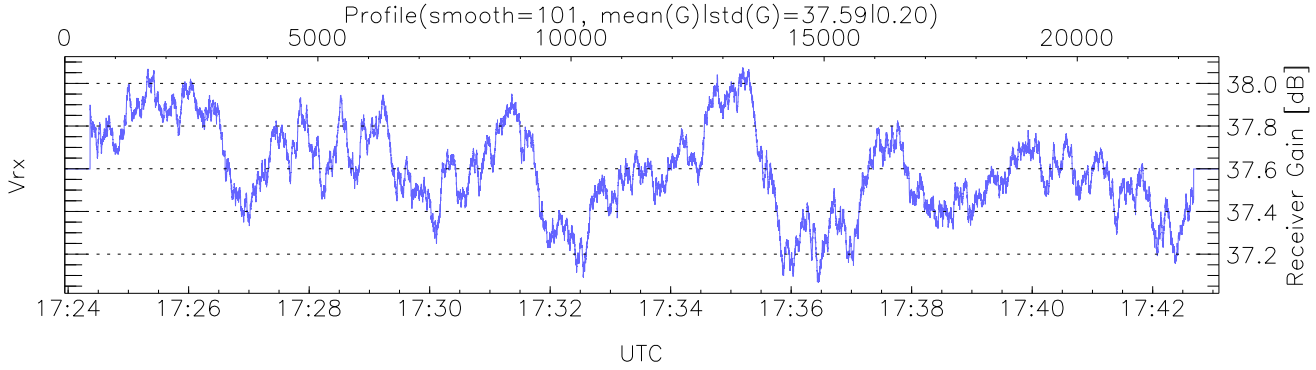
UTC: 17:23:57-17:59:59, Dur: 2162.65s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/42900, 0-22799/17:23:57-17:43:06
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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|sideup|error): 1

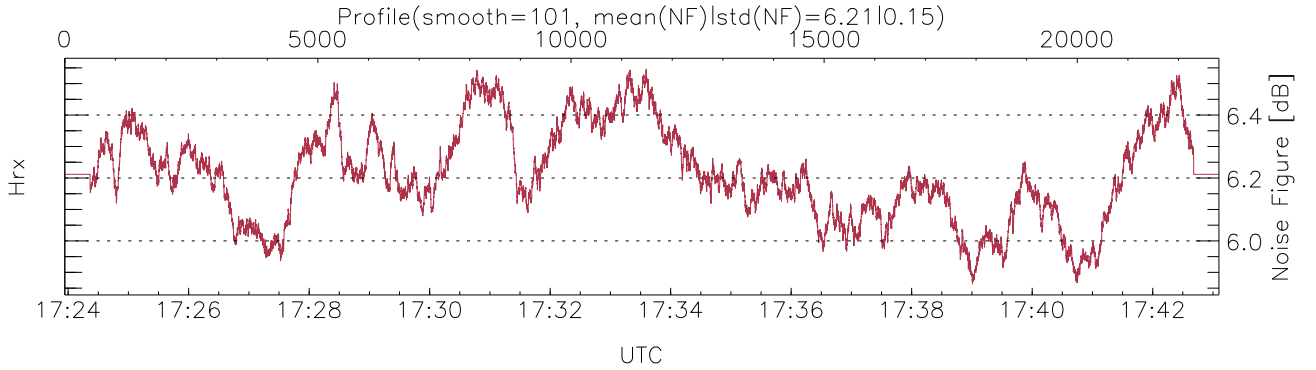


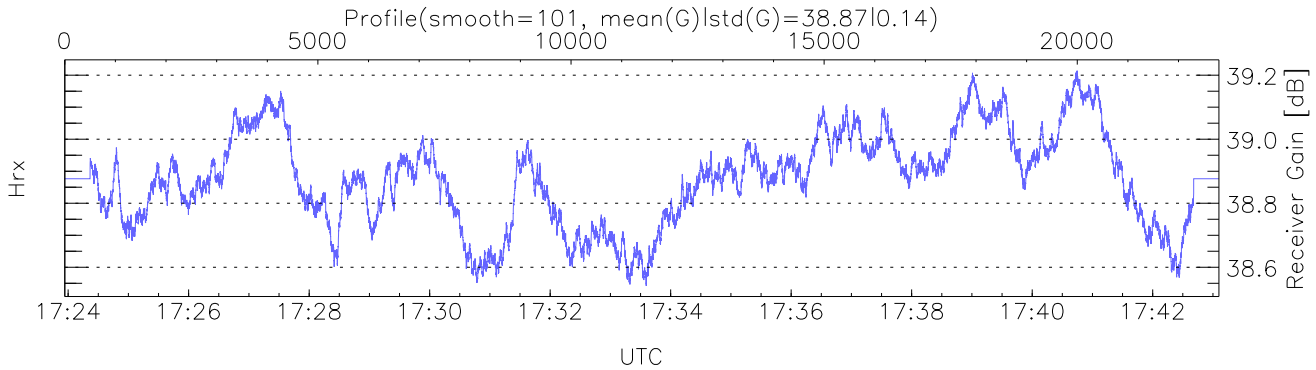
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,12,20,20,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,14,22,22,24
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,15)



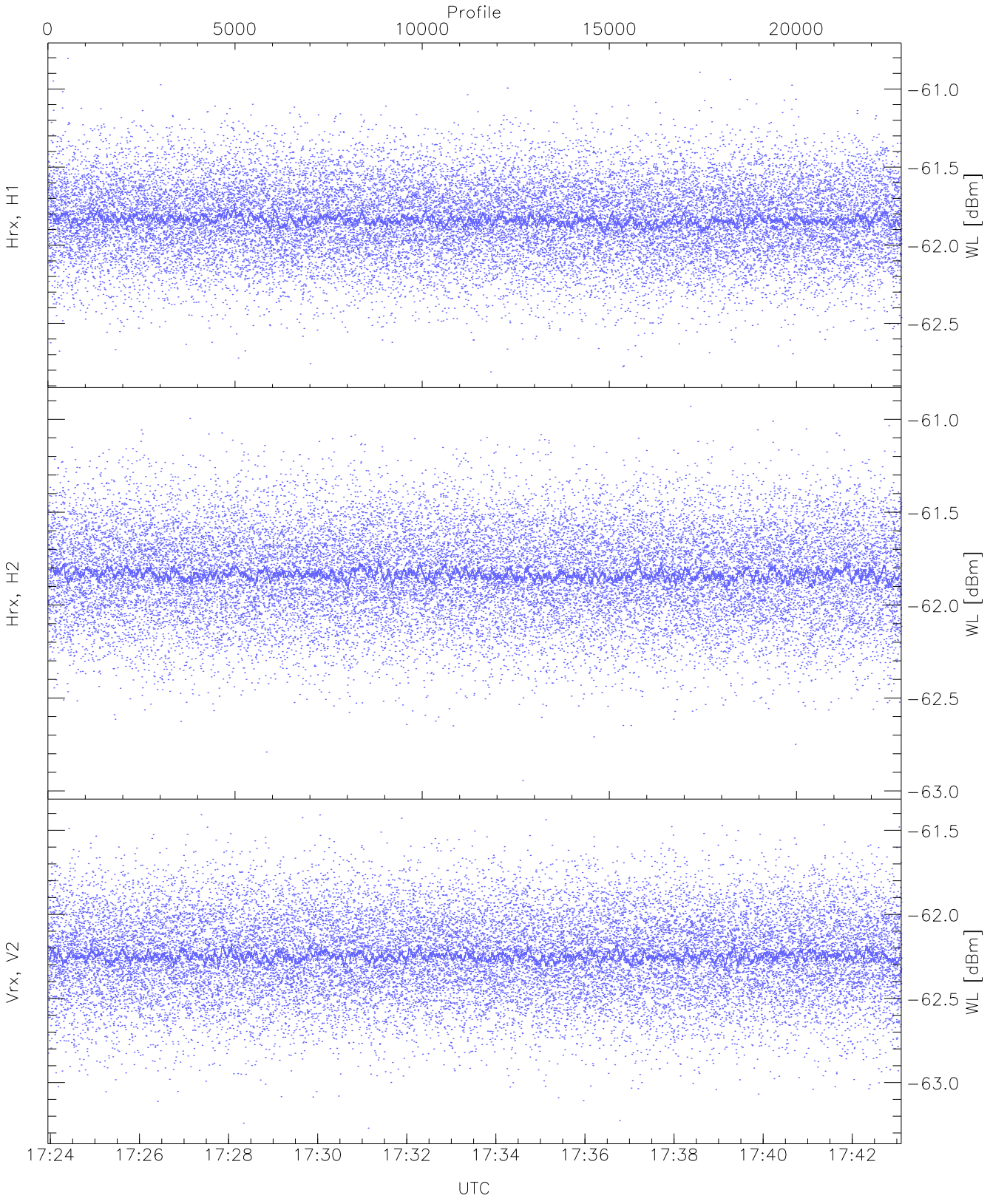






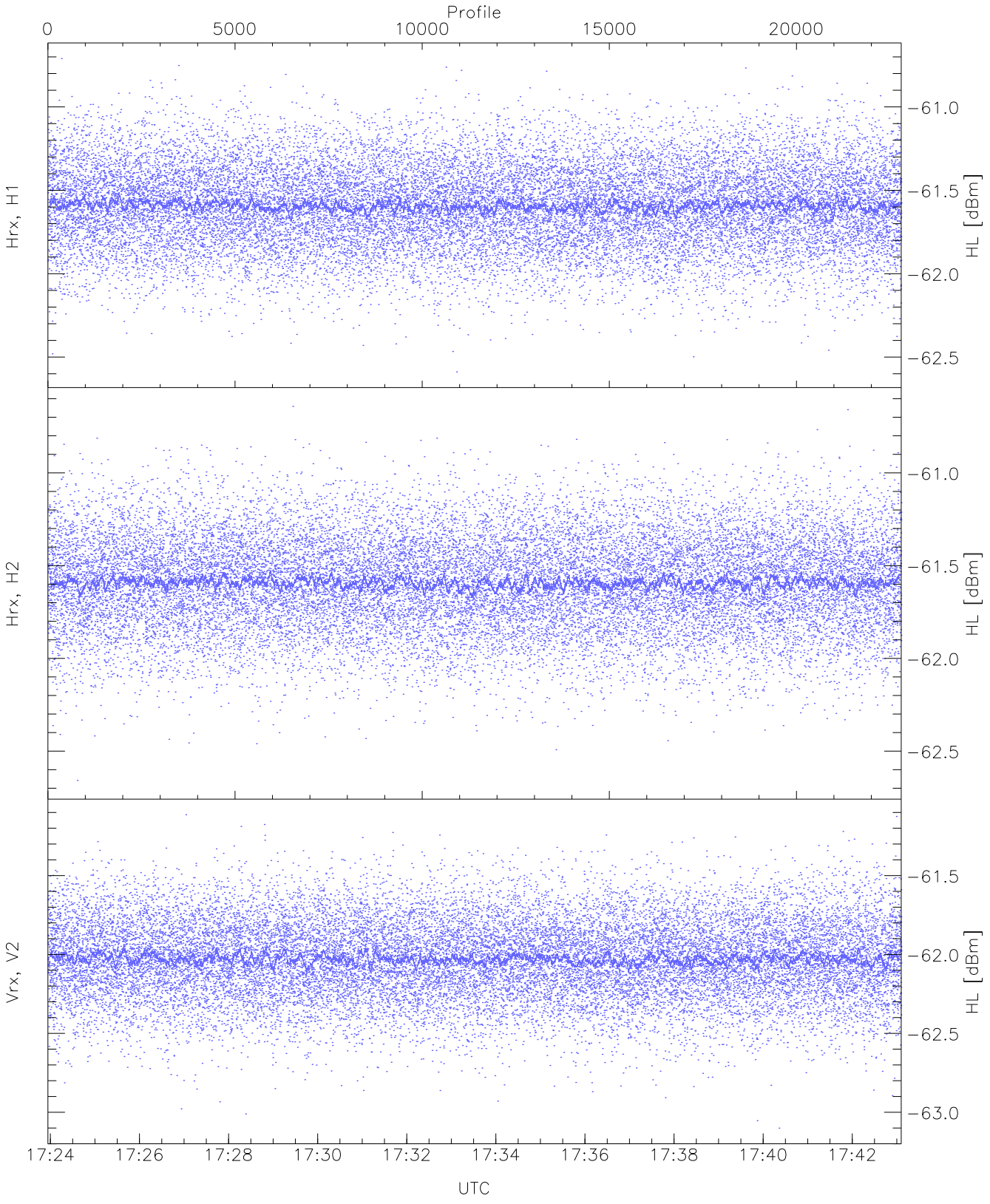
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 7565 pixs, 43 gates, 7398 profs, 2 prods



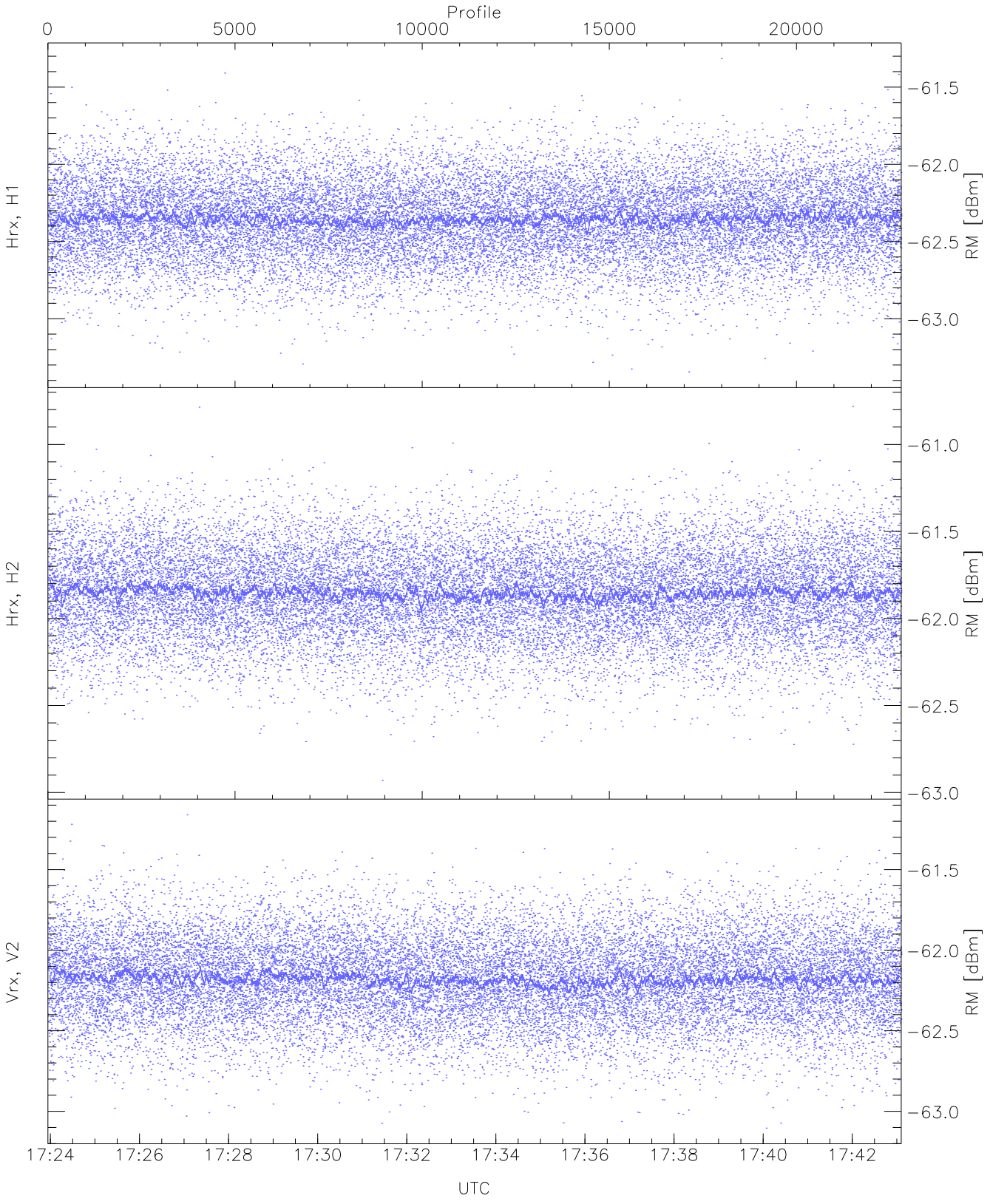
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.81	-60.81	-61.83	-61.84	-74.39
Hrx, H2(WL [dBm])	-62.94	-60.93	-61.83	-61.84	-74.44
Vrx, V2(WL [dBm])	-63.27	-61.41	-62.24	-62.25	-74.79



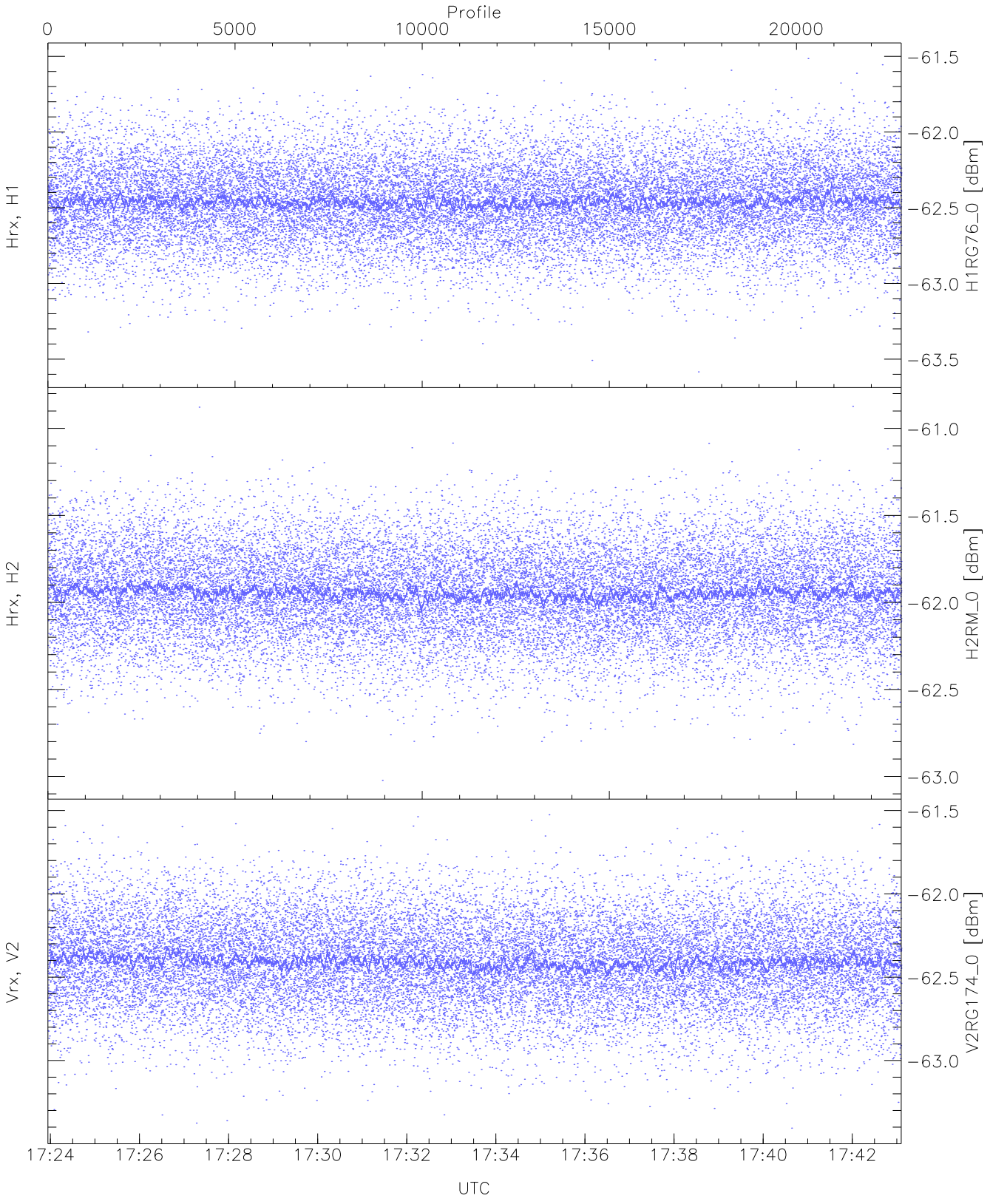
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.59	-60.71	-61.59	-61.59	-74.22
Hrx, H2(HL [dBm])	-62.66	-60.64	-61.59	-61.59	-74.18
Vrx, V2(HL [dBm])	-63.10	-61.11	-62.02	-62.03	-74.62



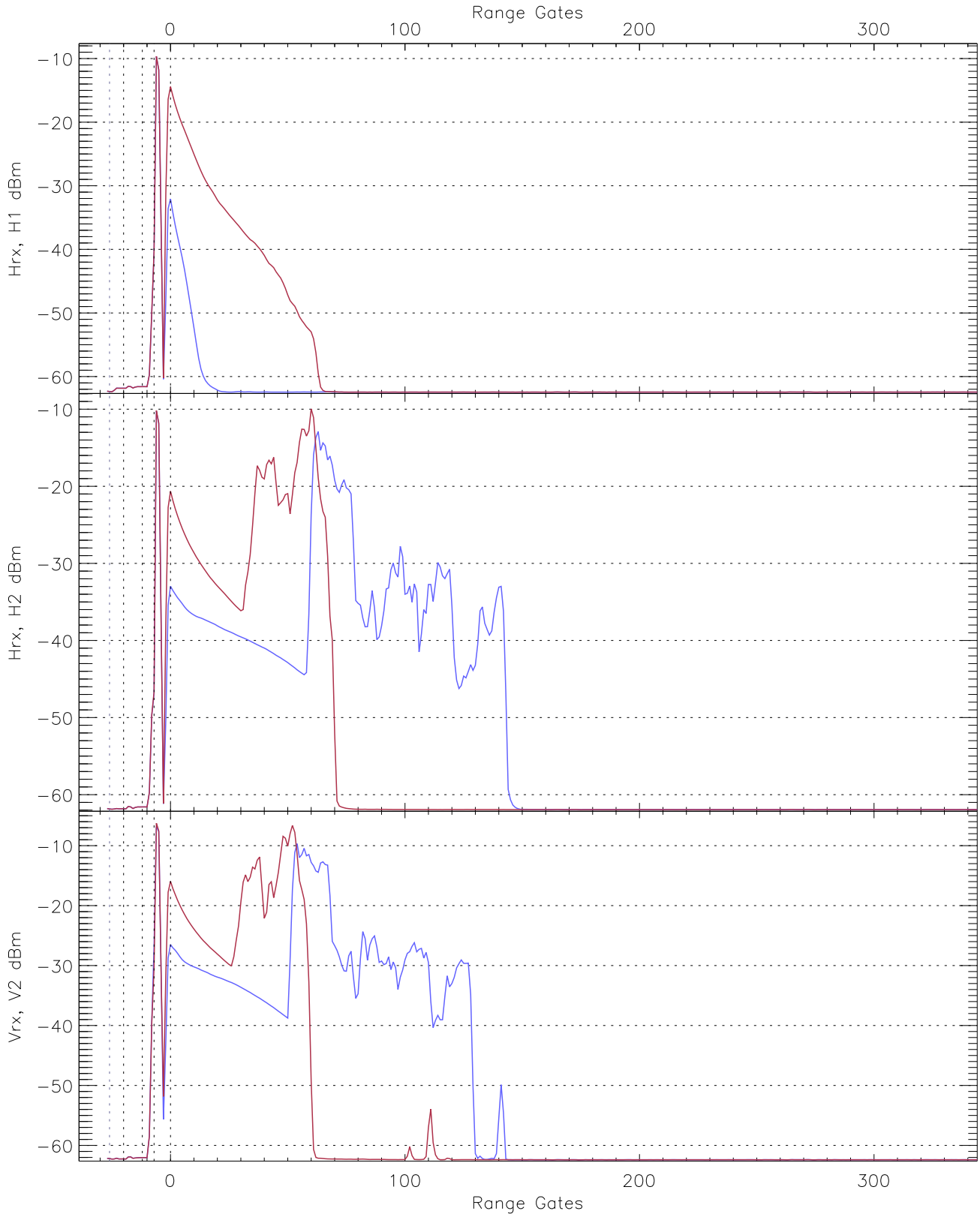
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.34	-61.32	-62.35	-62.35	-74.92
Hrx, H2(RM [dBm])	-62.93	-60.78	-61.85	-61.85	-74.45
Vrx, V2(RM [dBm])	-63.10	-61.16	-62.18	-62.18	-74.71

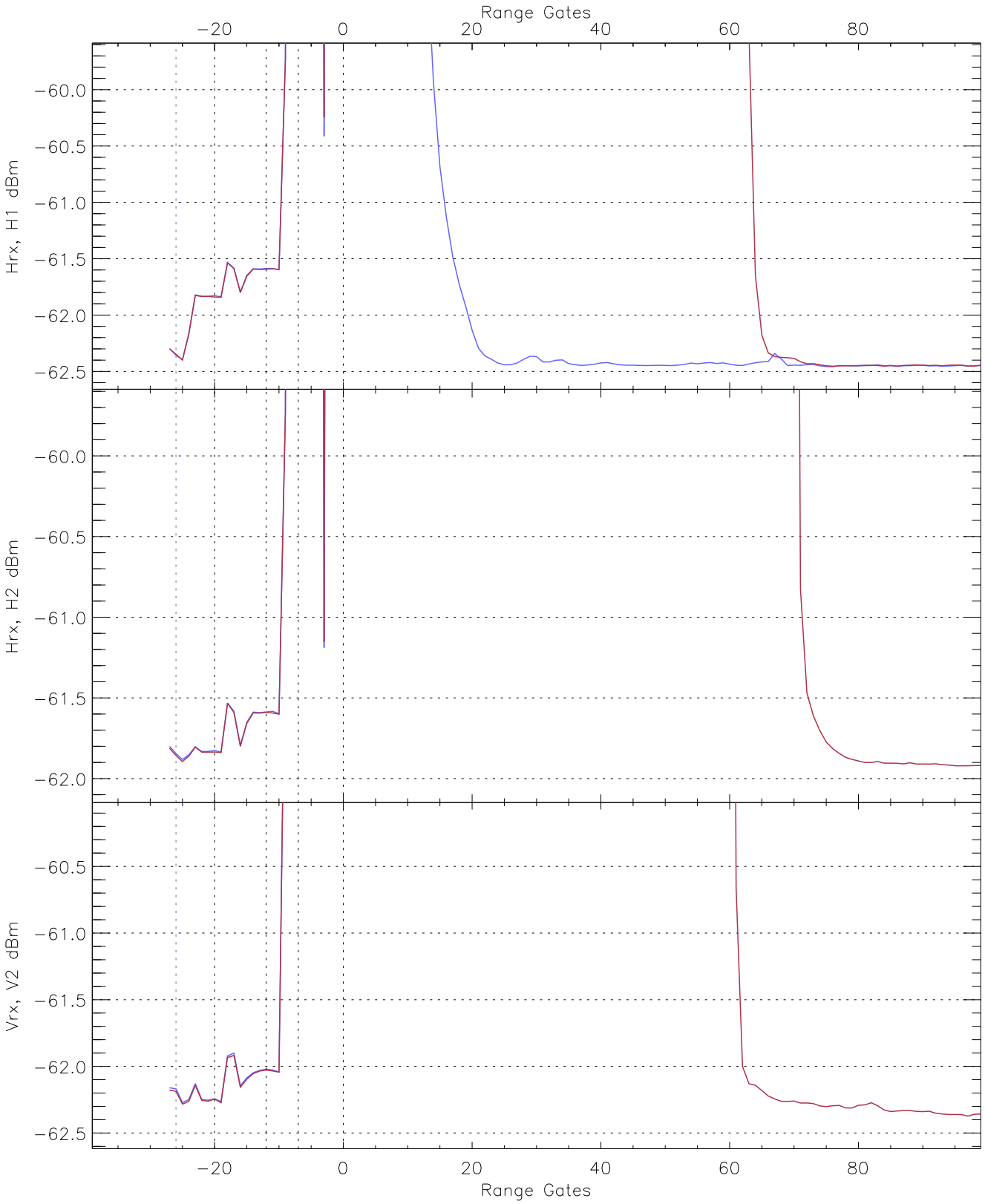


WCR2 CPP "Best" estimate Receivers Noise Power

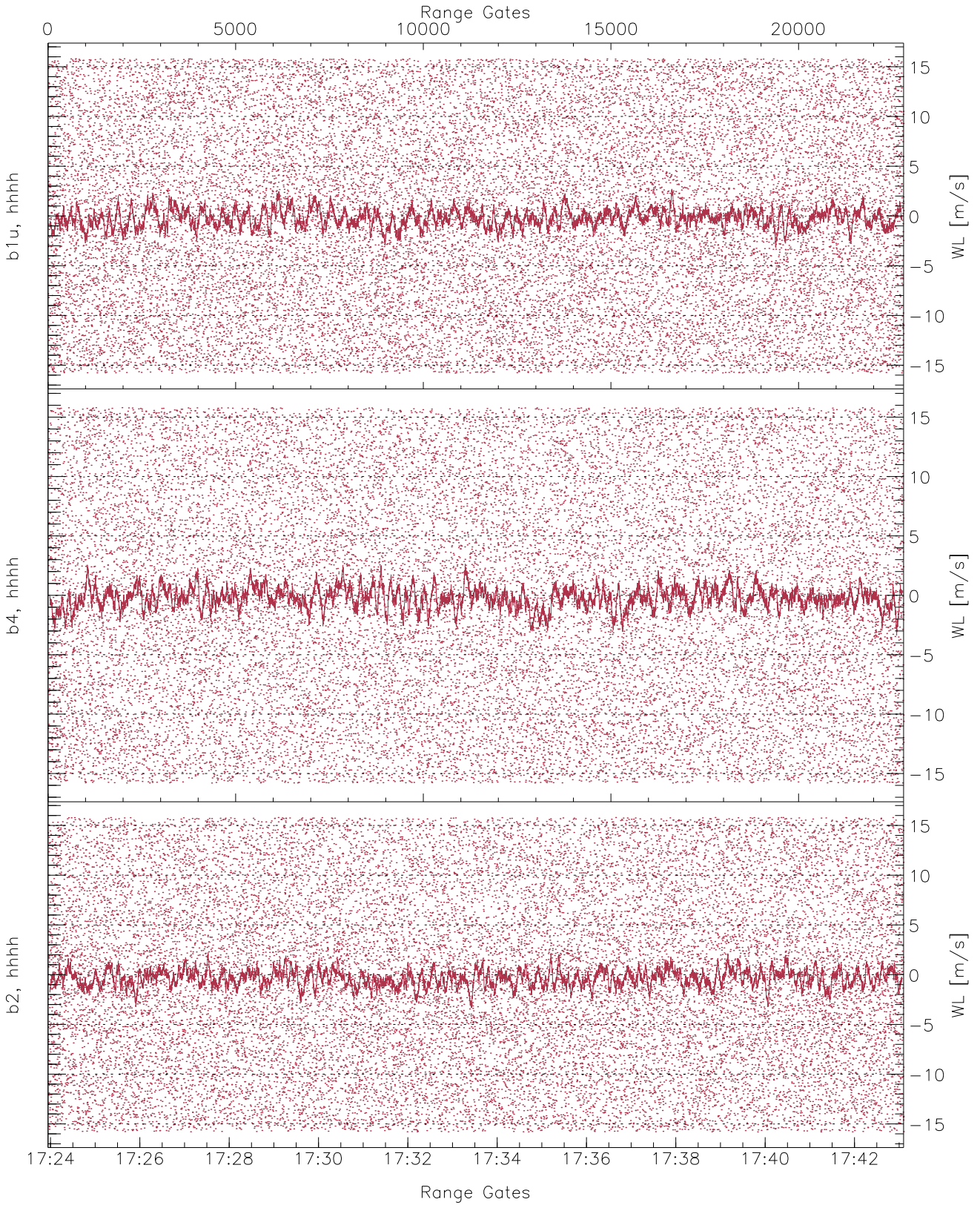
	Min	Max	Mean	Median	StDev
H1RG76_0 [dBm]	-63.58	-61.51	-62.46	-62.46	-74.98
H2RM_0 [dBm]	-63.02	-60.87	-61.94	-61.95	-74.55
V2RG174_0 [dBm]	-63.41	-61.53	-62.41	-62.41	-74.96



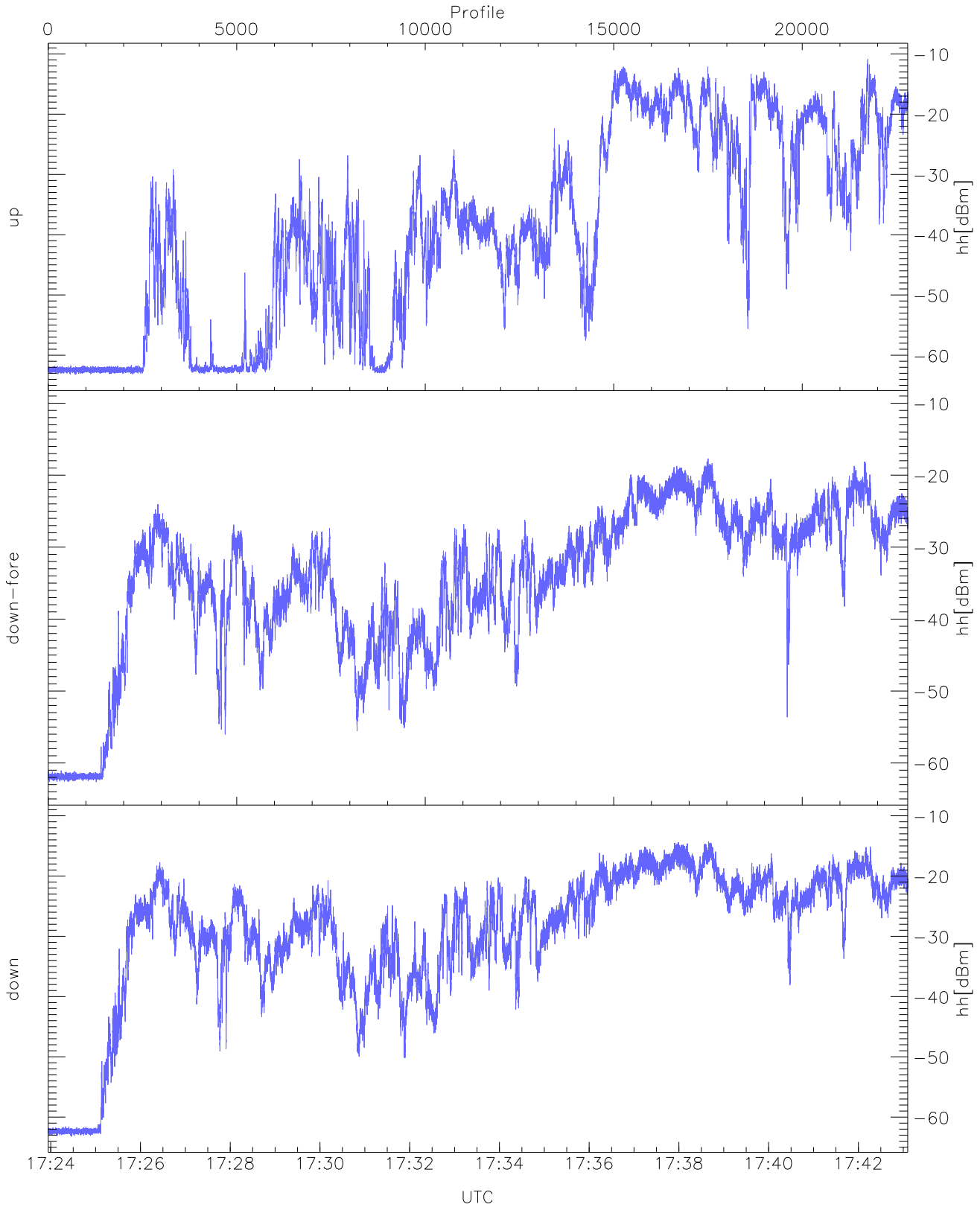
WCR2 CPP Averaged Received power for all recorded gates
blue: 172357-173331, 11401 profiles averaged
red: 173331-174306, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 172357-173331, 11401 profiles averaged
red: 173331-174306, 11400 profiles averaged

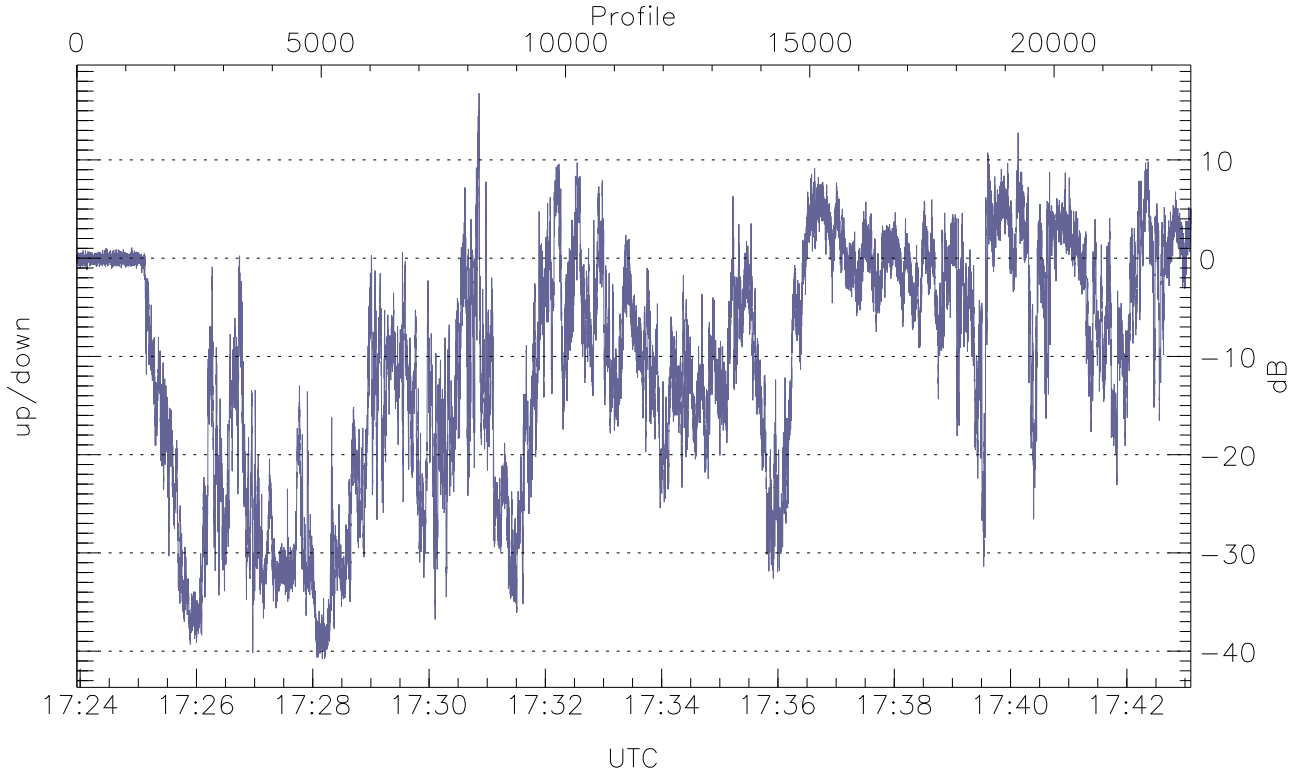


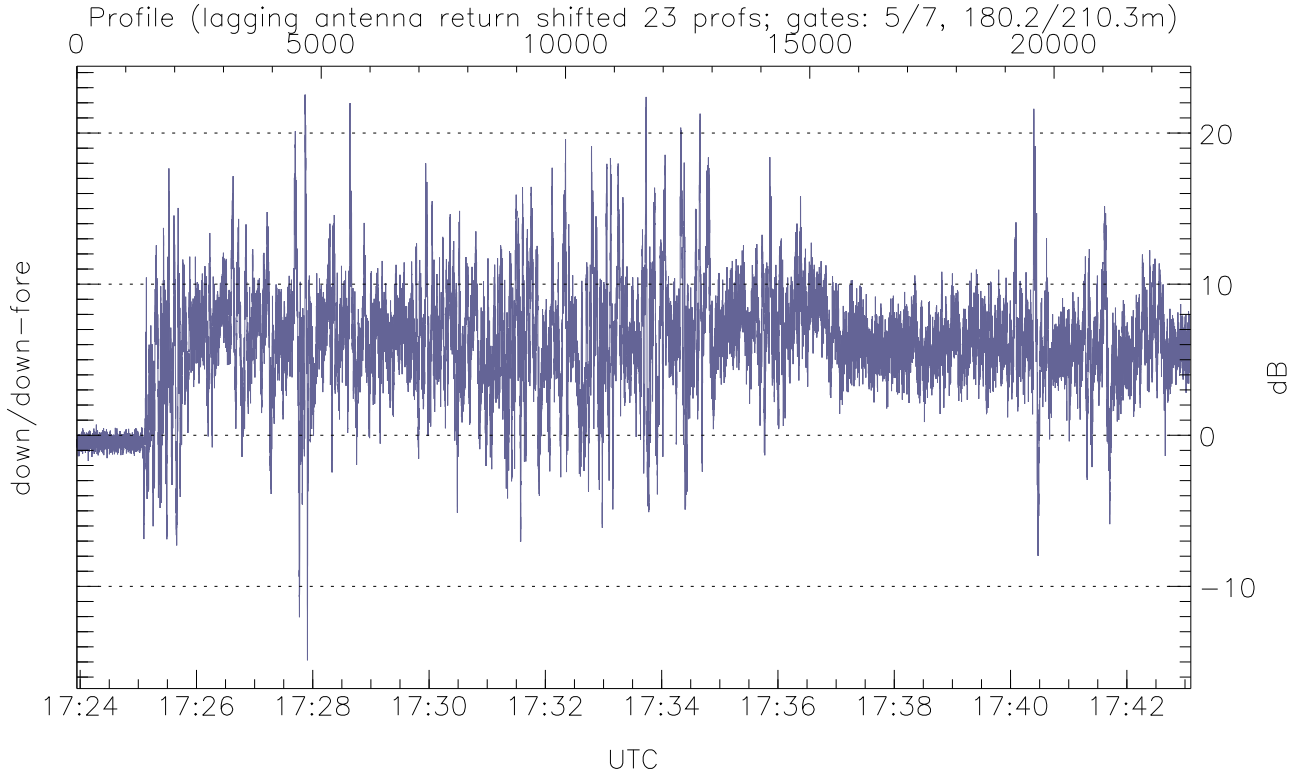
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

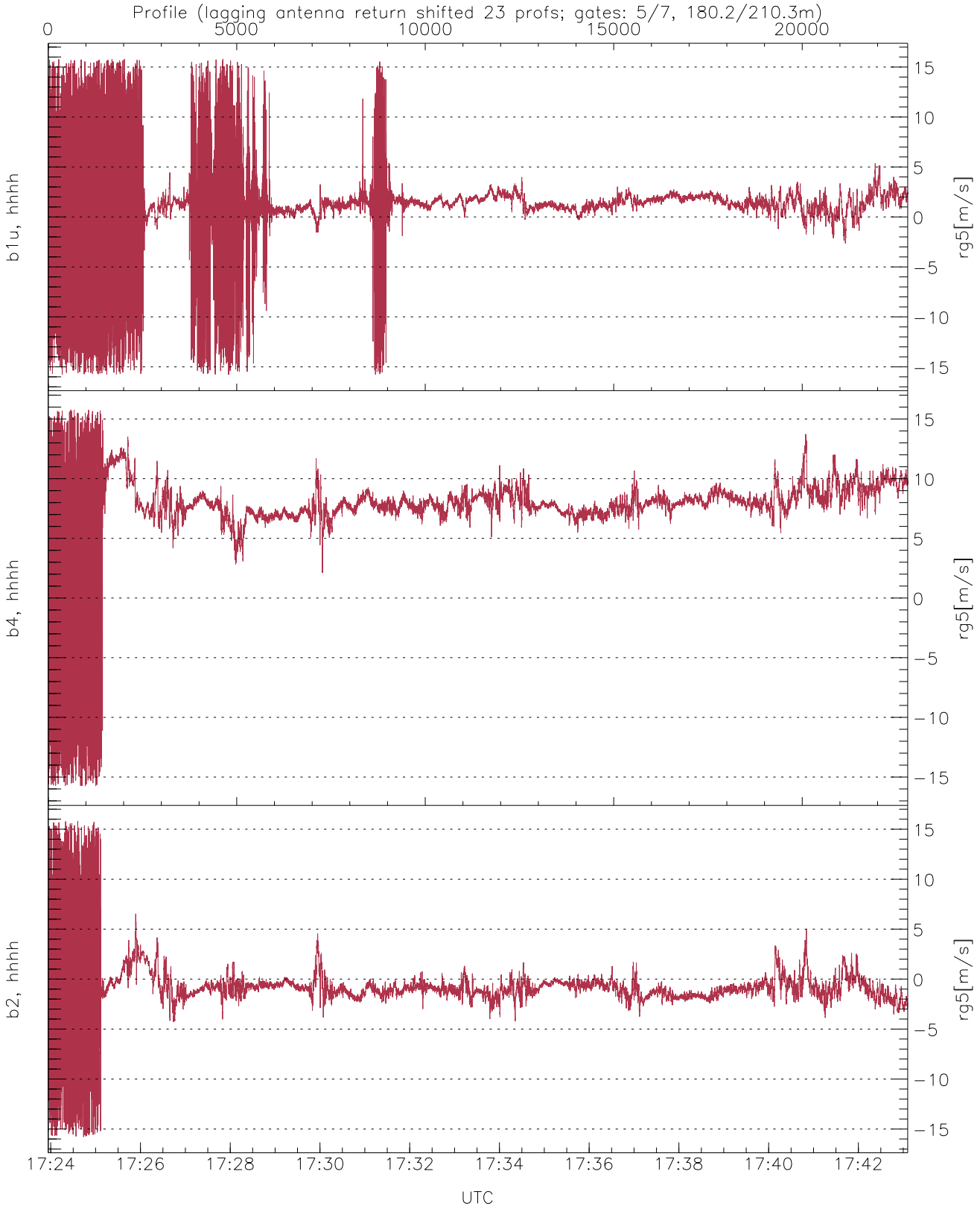
	Min	Max	Mean
up(hh[dBm])	-63.20	-10.85	-23.36
down-fore(hh[dBm])	-62.65	-17.68	-28.04
down(hh[dBm])	-63.23	-14.30	-23.15





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

	Min	Max	Mean
up/down(dB)	-40.80	16.78	-10.37
down/down-fore(dB)	-14.89	22.55	5.96



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.09	3.85
b4, hhhh(rg5[m/s])	-15.76	15.77	7.57	3.21
b2, hhhh(rg5[m/s])	-15.80	15.79	-0.81	2.39