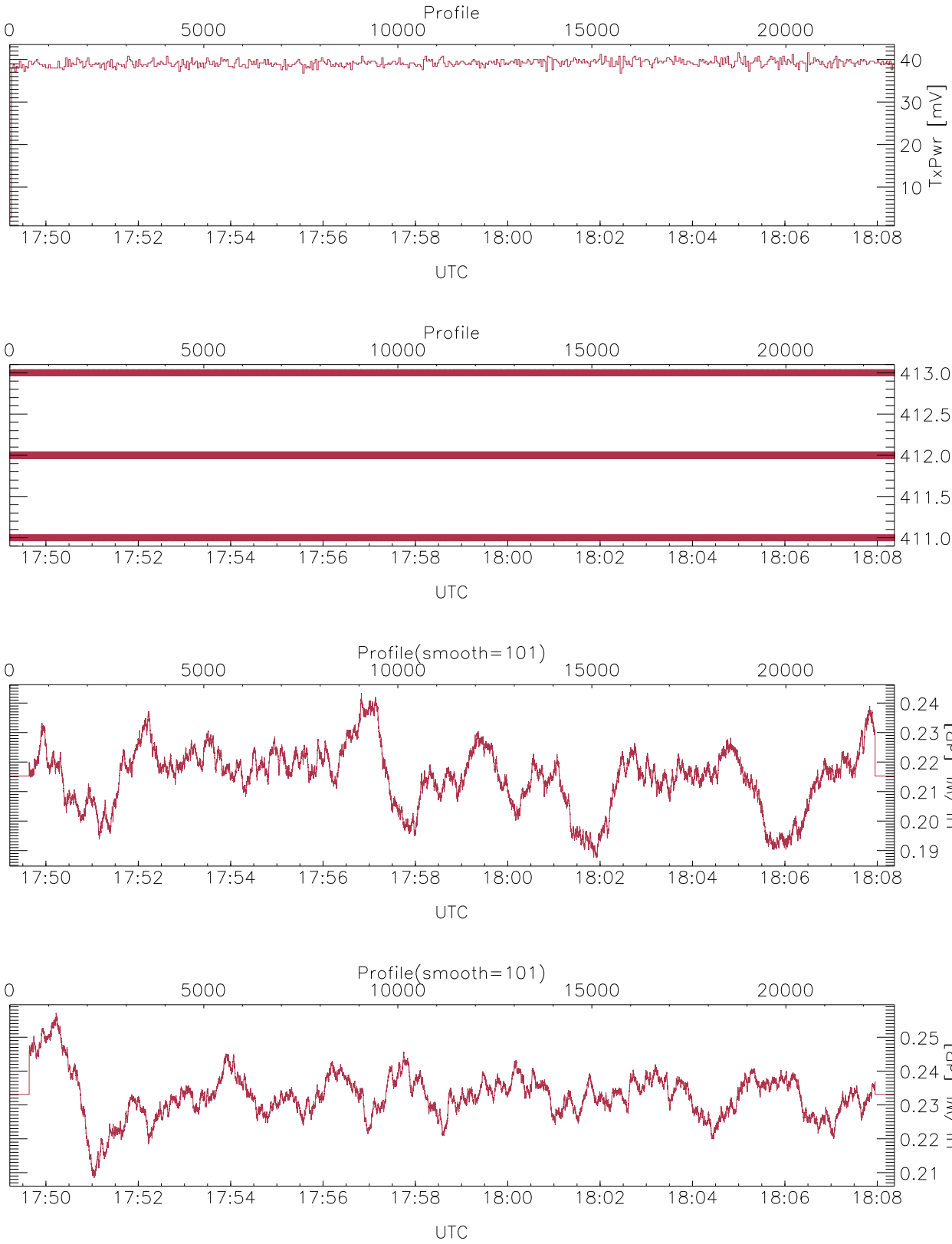
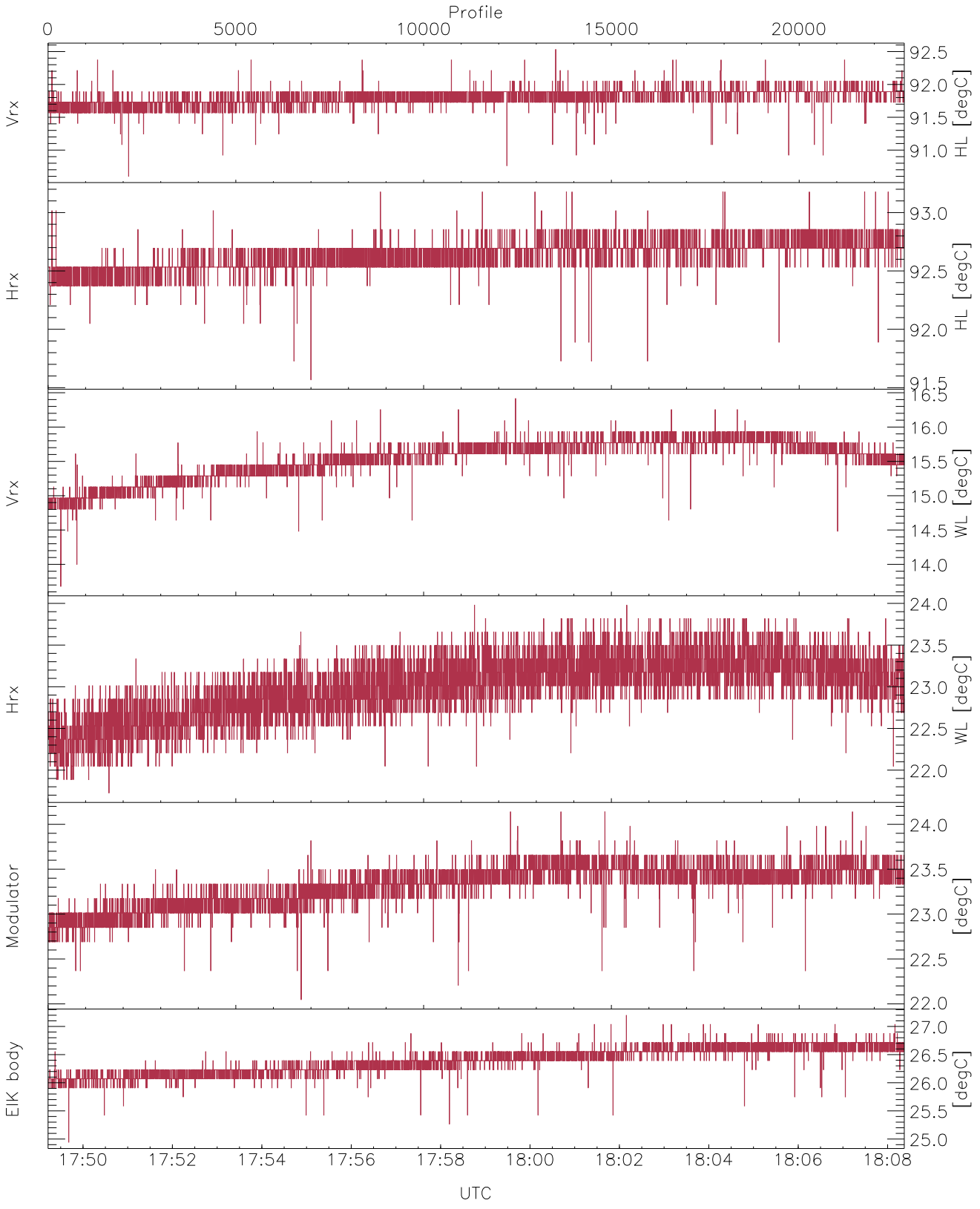


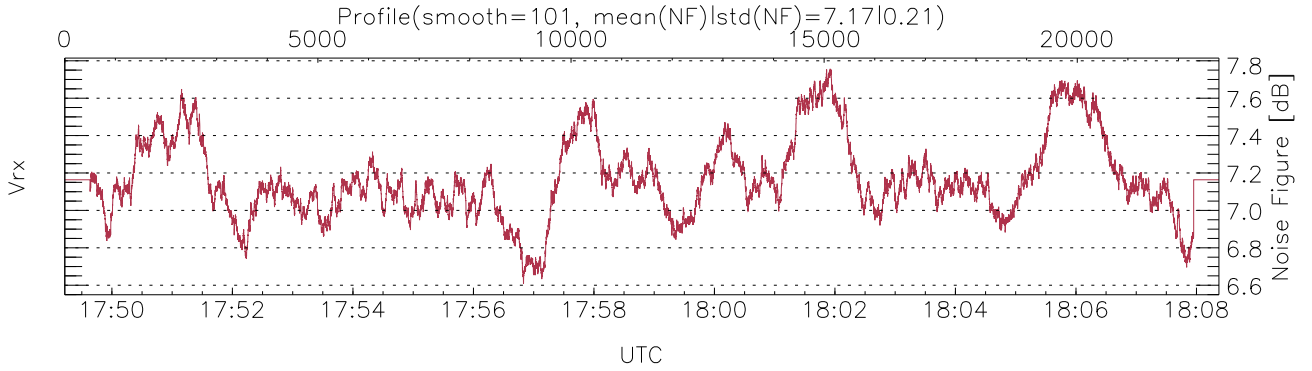
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

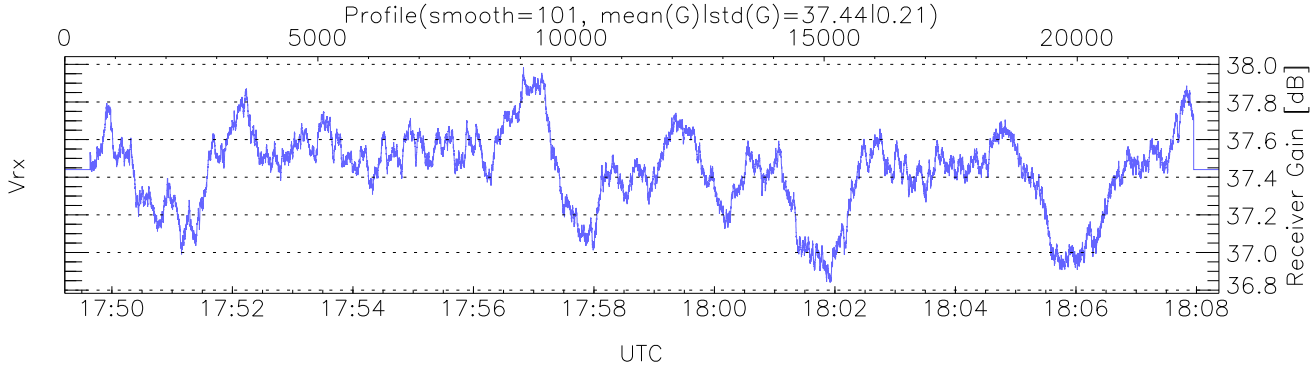
UTC: 17:49:13-18:19:47, Dur: 1833.56s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/36372, 0-22799/17:49:13-18:08:22
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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|sideluperror): 1

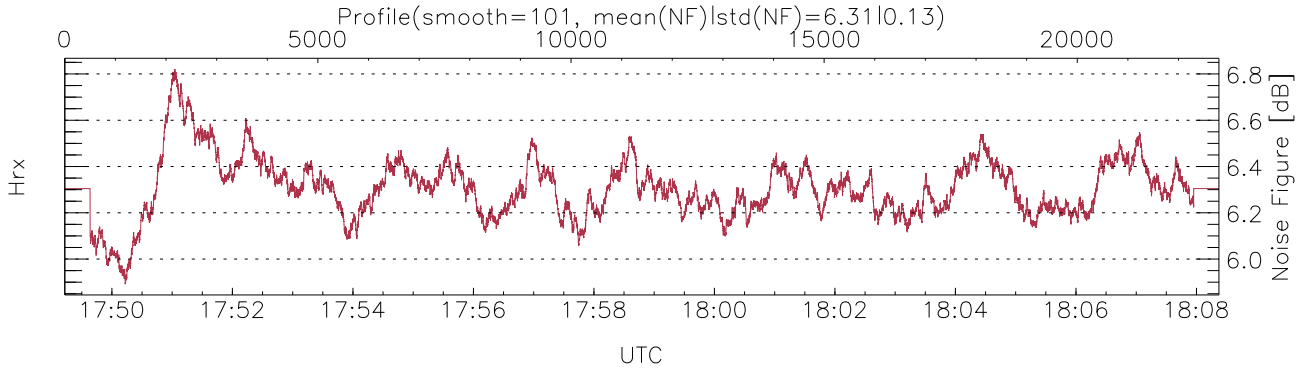


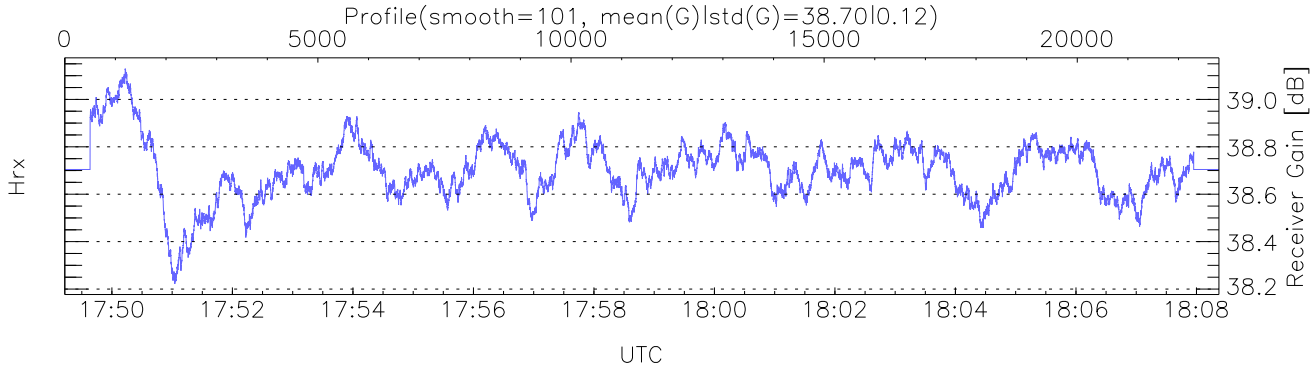
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,21,22,24
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,HVPS (15,15,20,20,15,10)



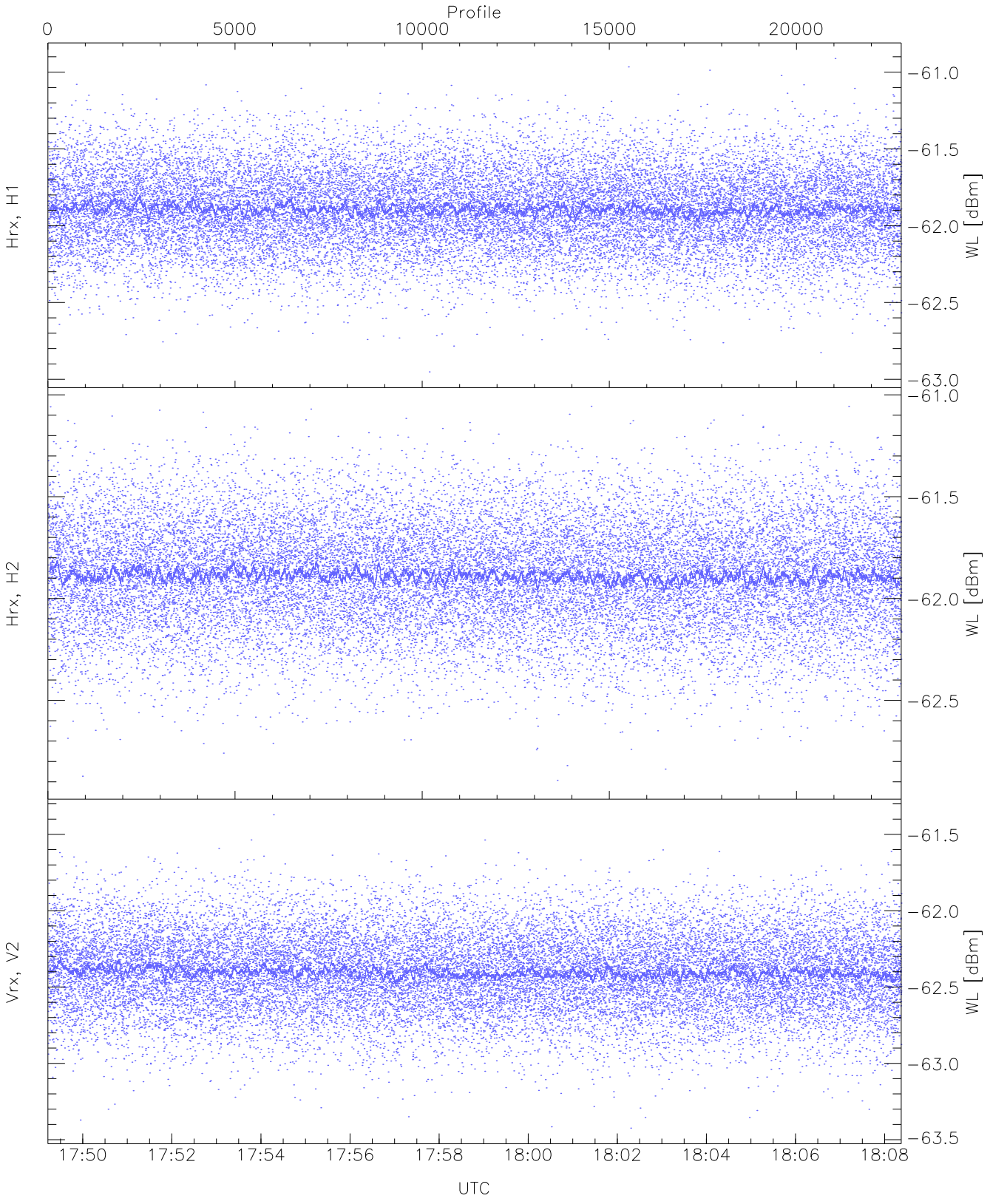






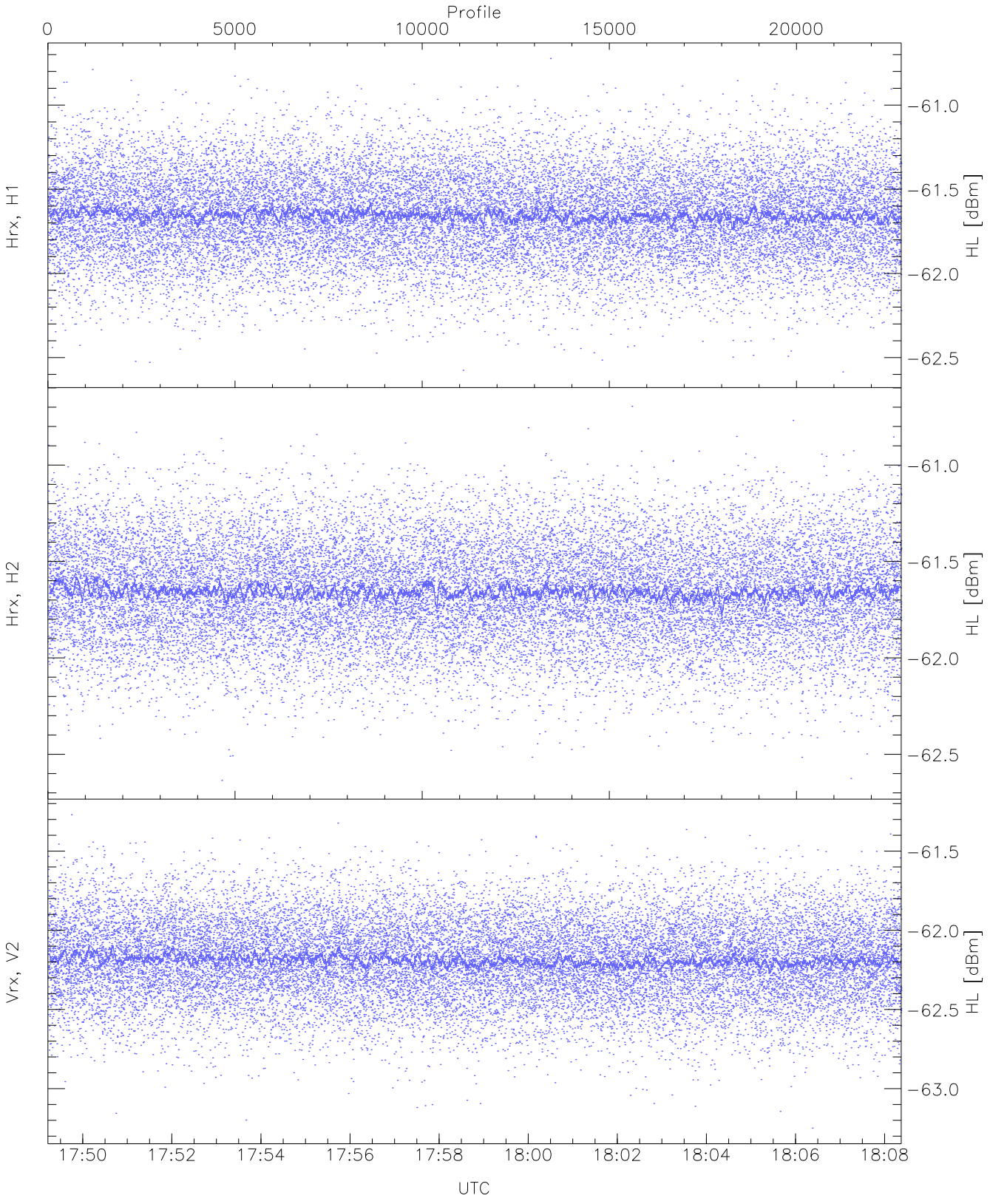
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 20917 pixs, 26 gates, 17966 profs, 2 prods



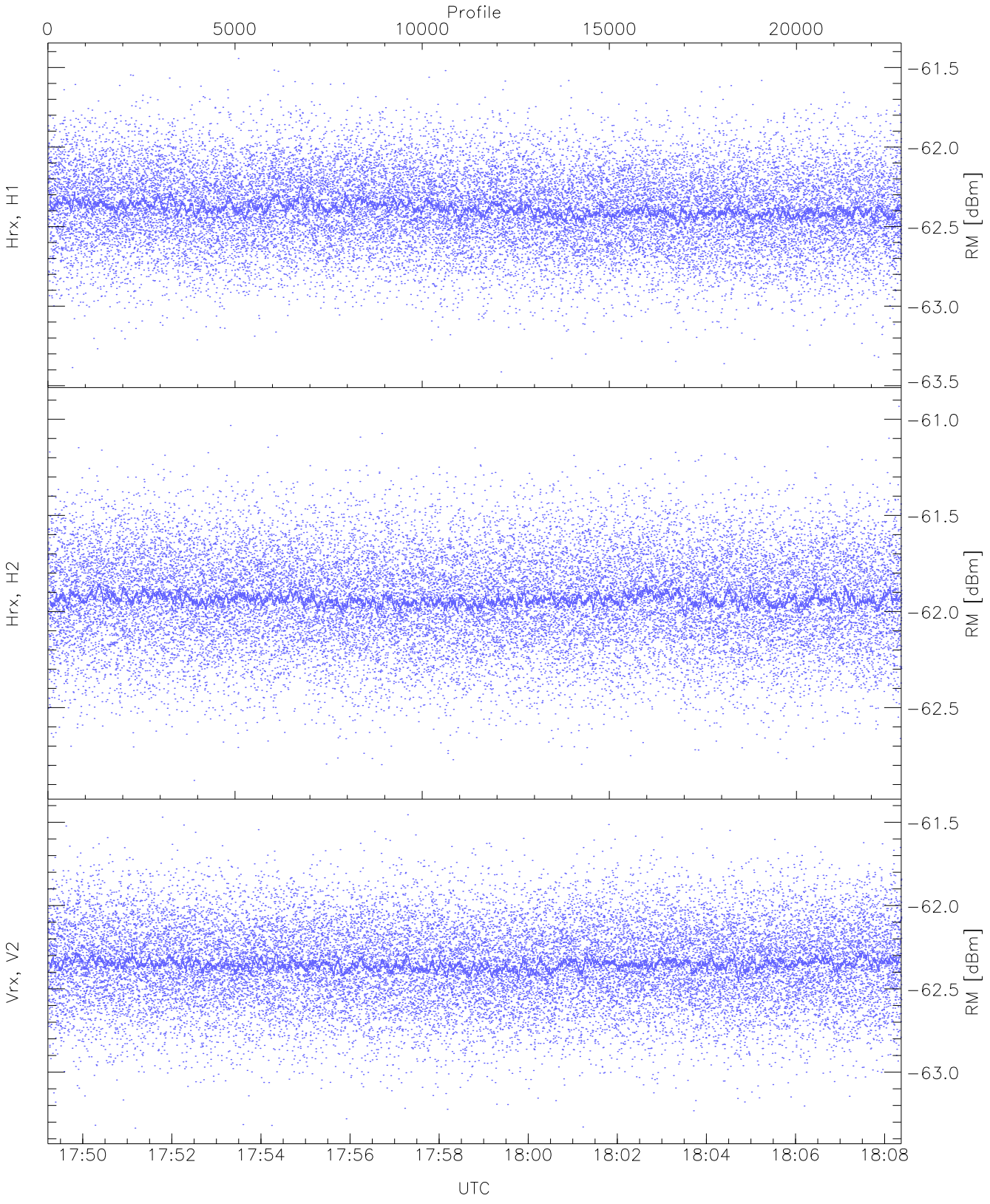
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.95	-60.91	-61.89	-61.89	-74.45
Hrx, H2(WL [dBm])	-62.89	-61.06	-61.88	-61.89	-74.44
Vrx, V2(WL [dBm])	-63.42	-61.37	-62.40	-62.40	-74.94



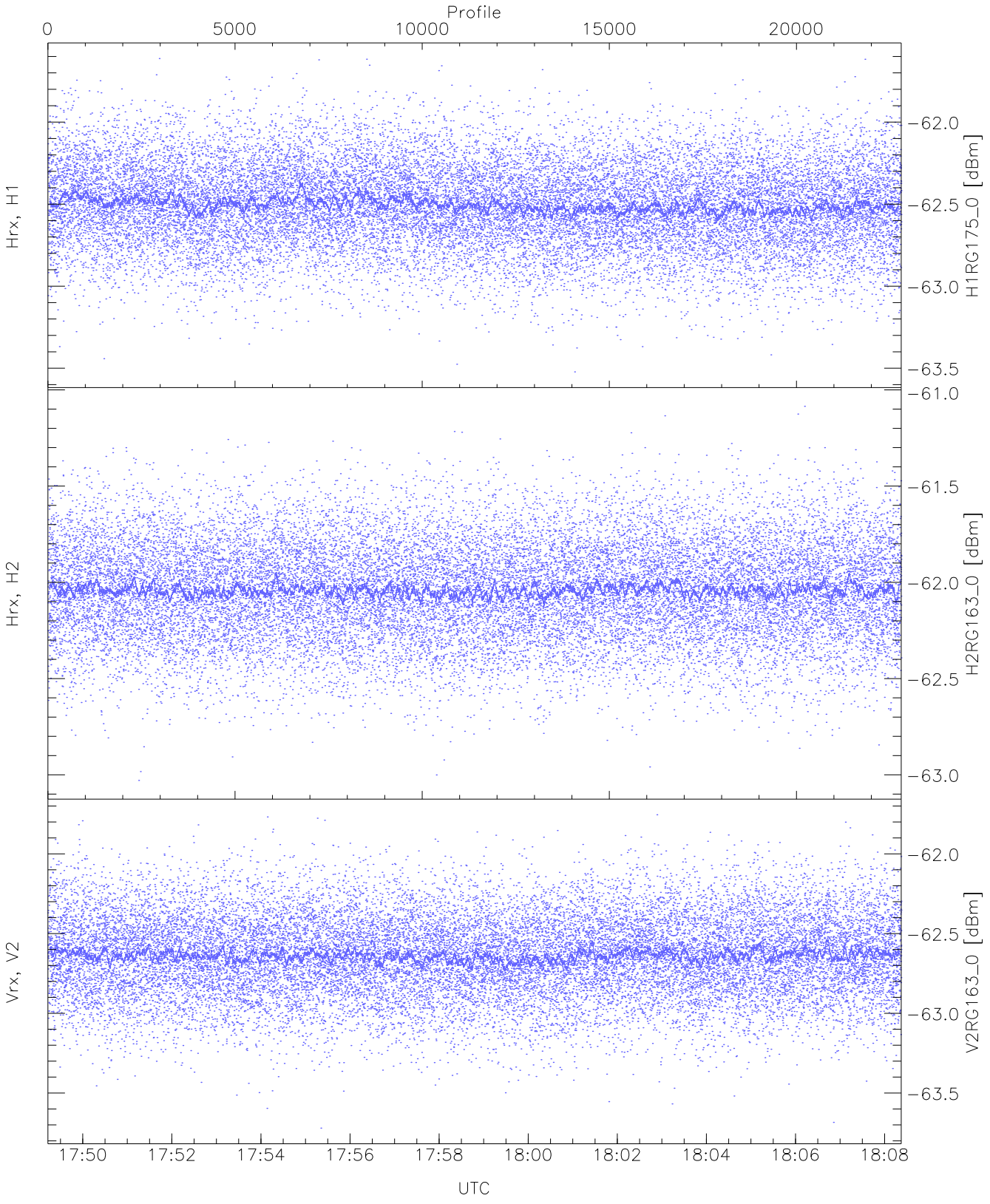
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.59	-60.72	-61.65	-61.66	-74.22
Hrx, H2(HL [dBm])	-62.64	-60.70	-61.65	-61.66	-74.19
Vrx, V2(HL [dBm])	-63.25	-61.27	-62.19	-62.19	-74.75



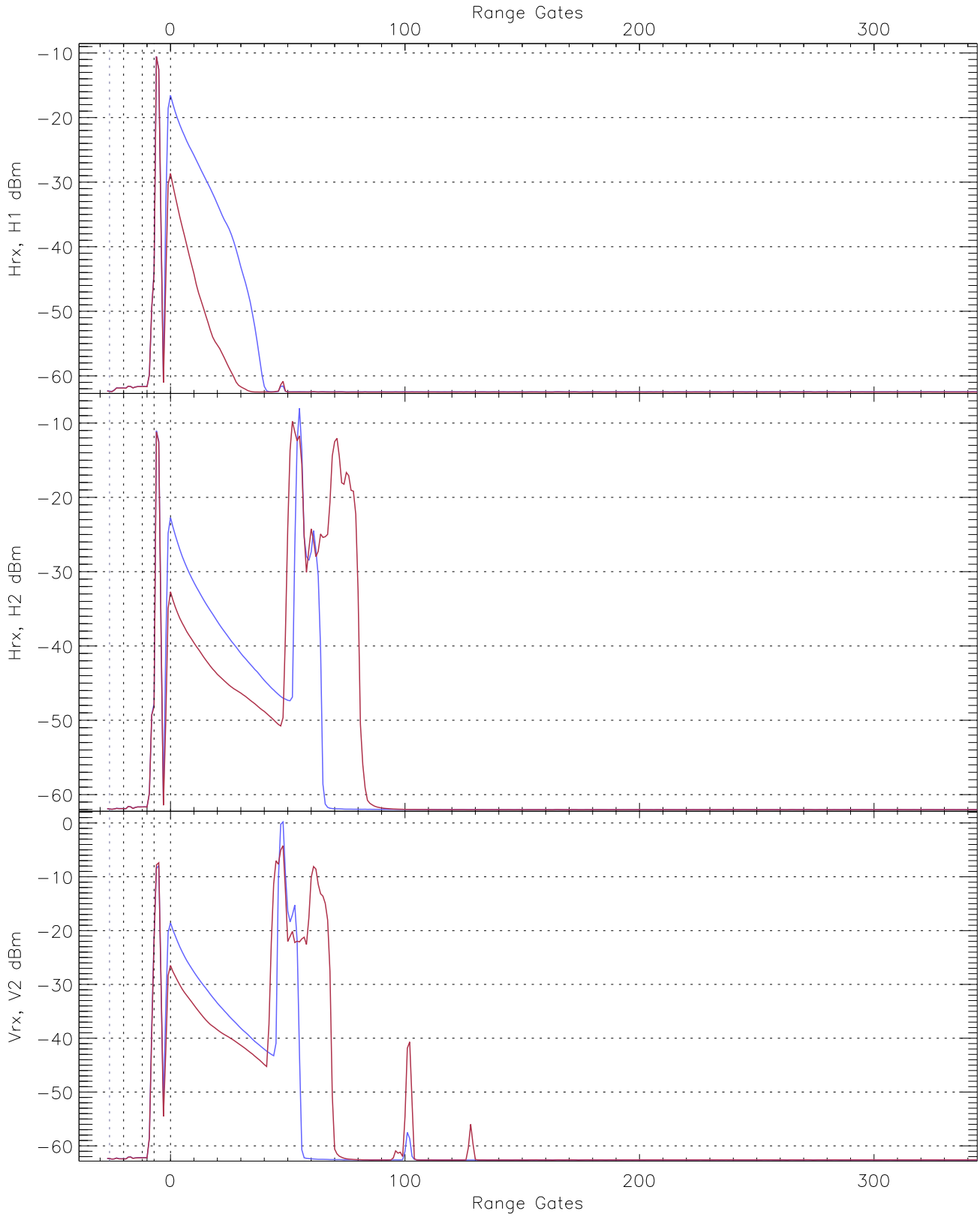
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.41	-61.44	-62.38	-62.39	-74.91
Hrx, H2(RM [dBm])	-62.88	-60.93	-61.93	-61.94	-74.50
Vrx, V2(RM [dBm])	-63.34	-61.45	-62.35	-62.35	-74.89

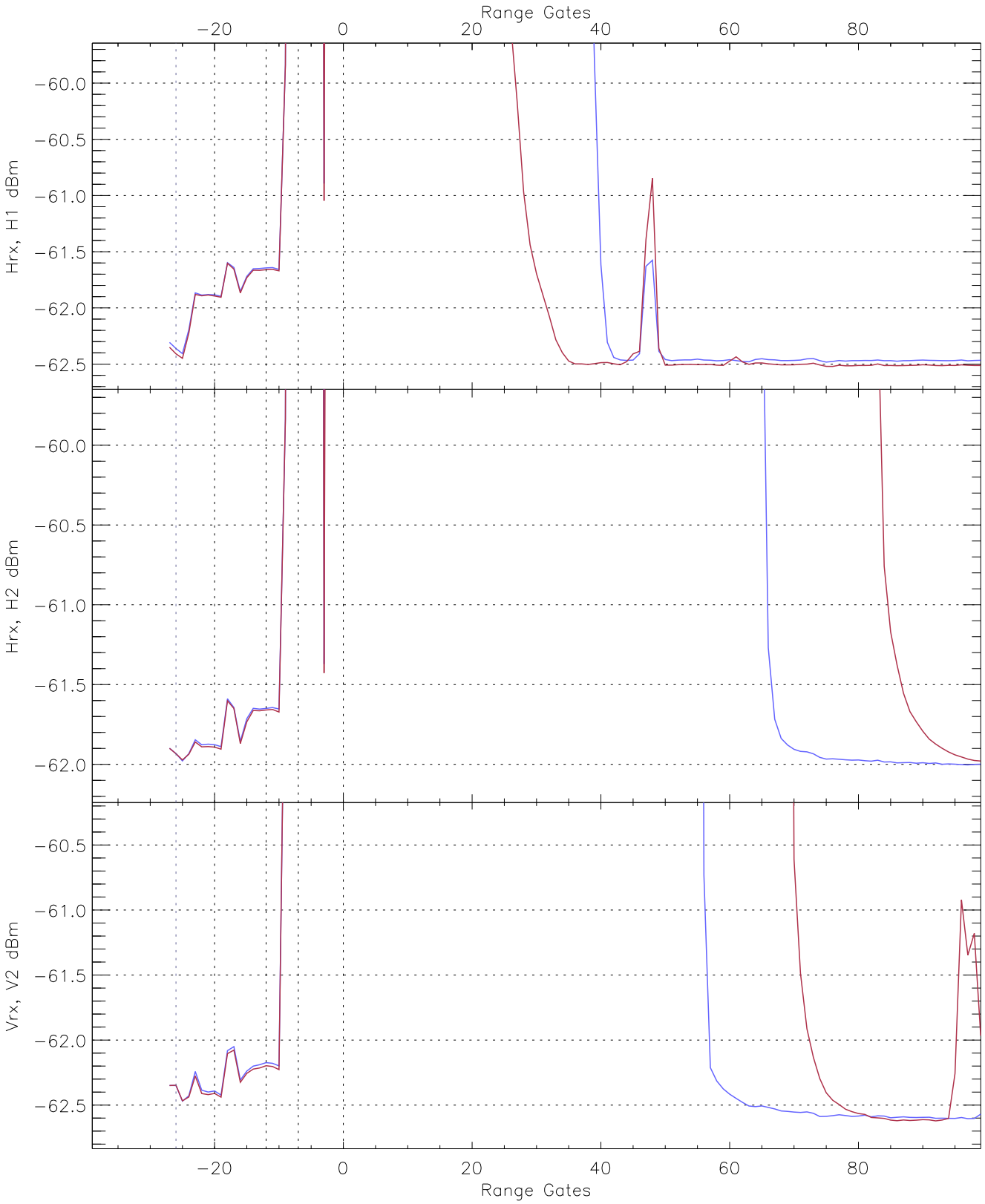


WCR2 CPP "Best" estimate Receivers Noise Power

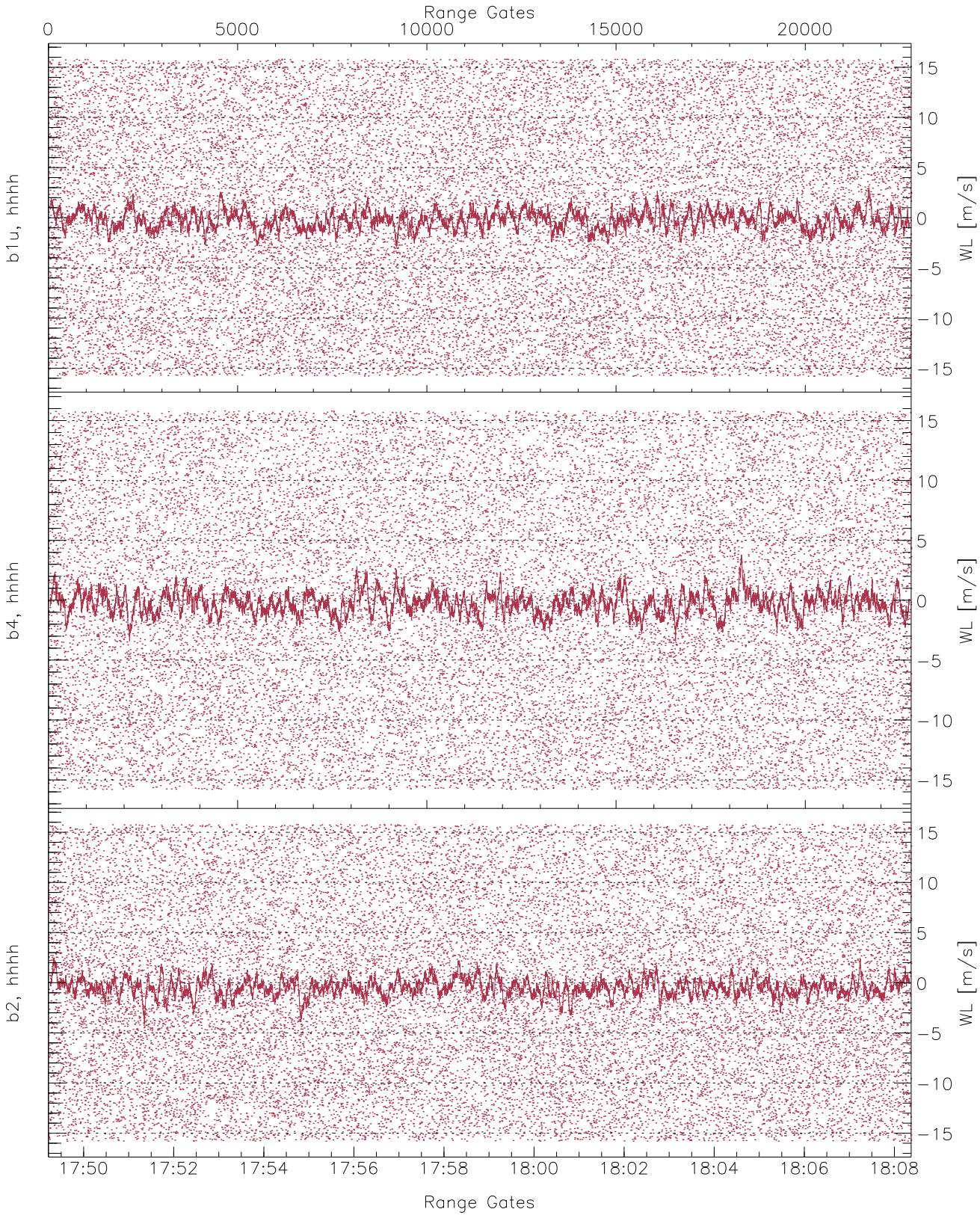
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.52	-61.61	-62.50	-62.51	-75.03
H2RG163_0 [dBm]	-63.03	-61.09	-62.04	-62.04	-74.60
V2RG163_0 [dBm]	-63.72	-61.75	-62.63	-62.64	-75.14



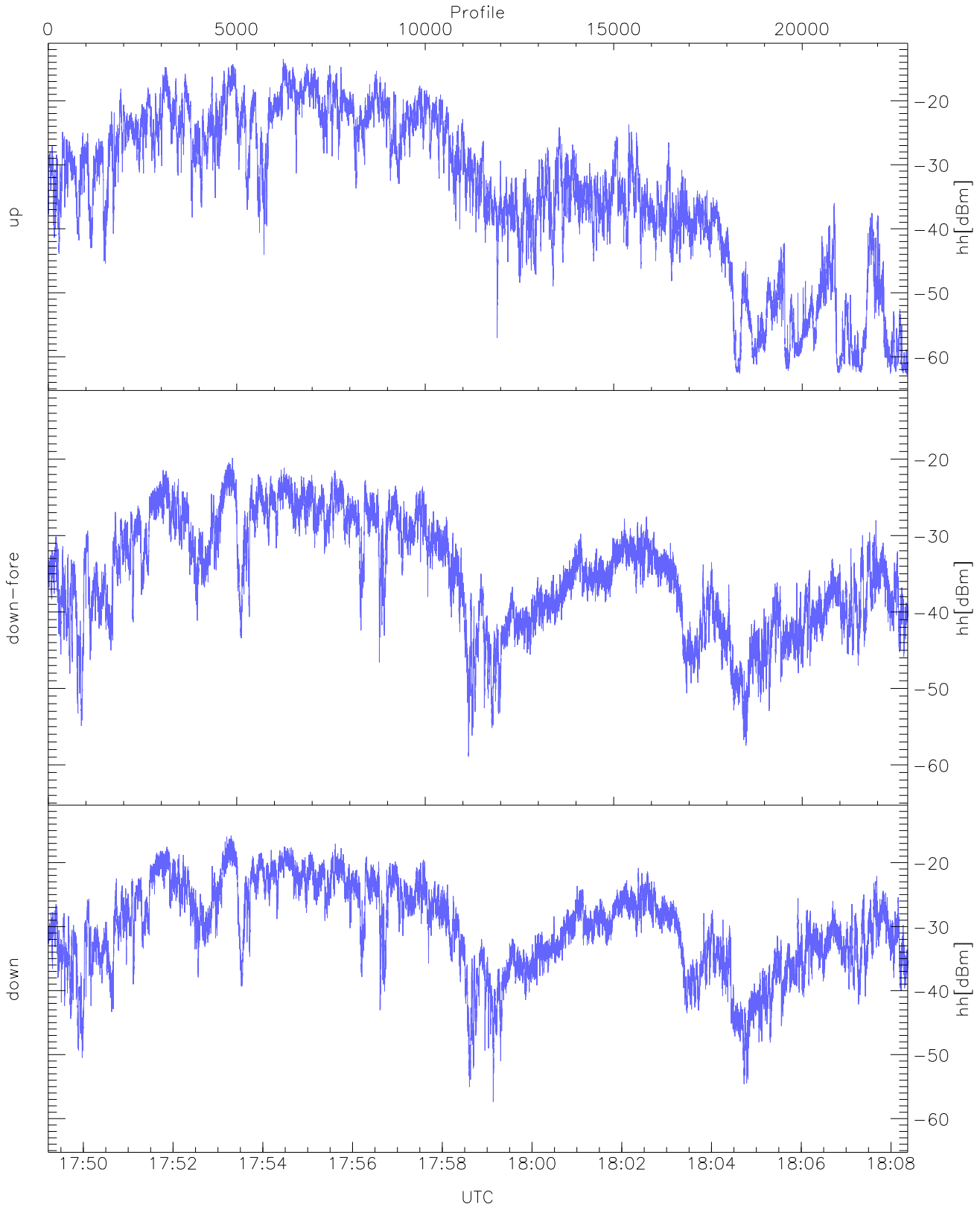
WCR2 CPP Averaged Received power for all recorded gates
blue: 174913-175848, 11401 profiles averaged
red: 175848-180822, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 174913-175848, 11401 profiles averaged
red: 175848-180822, 11400 profiles averaged

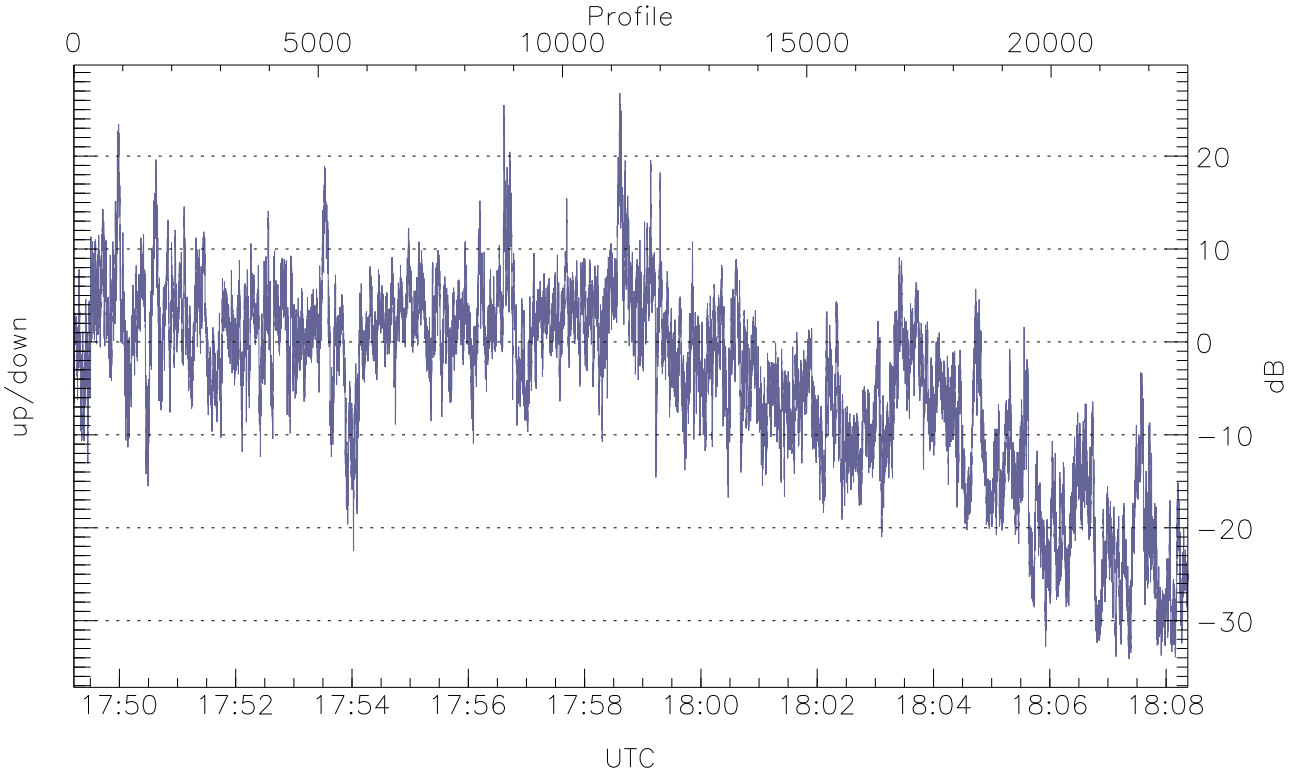


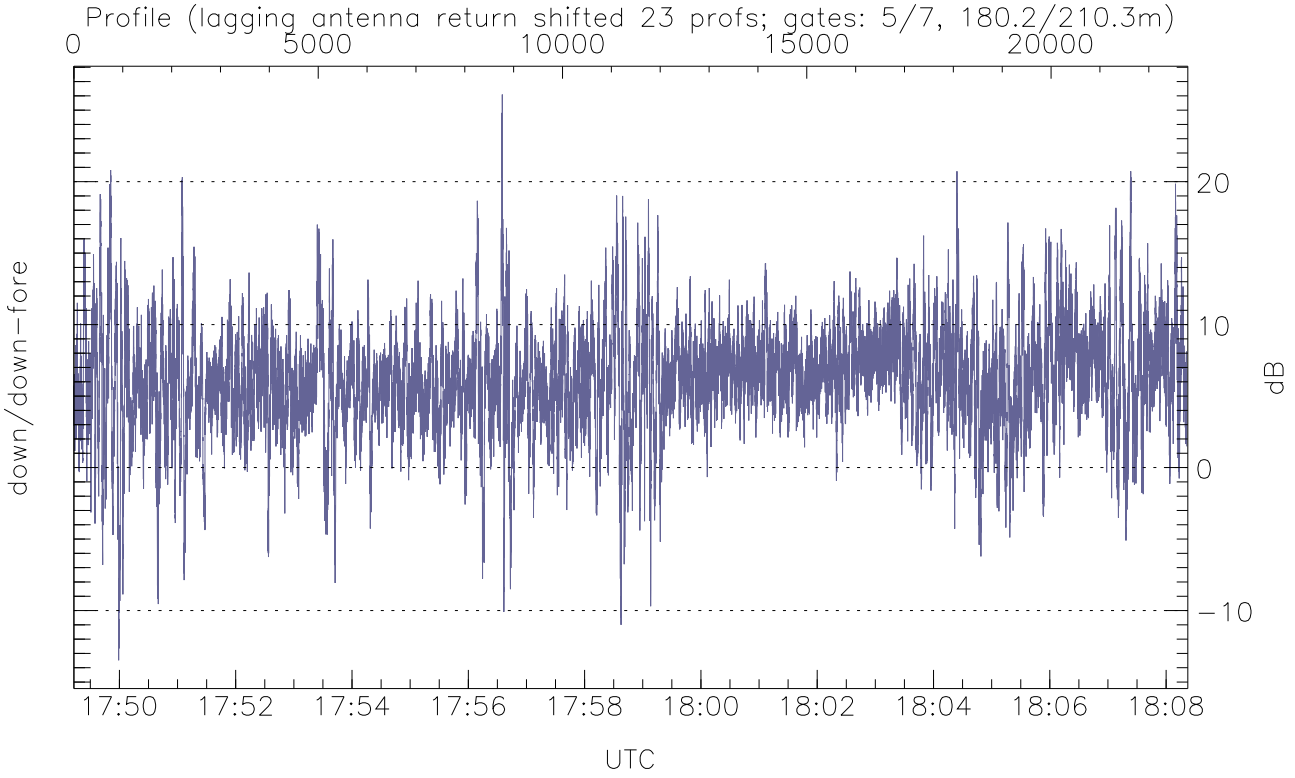
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

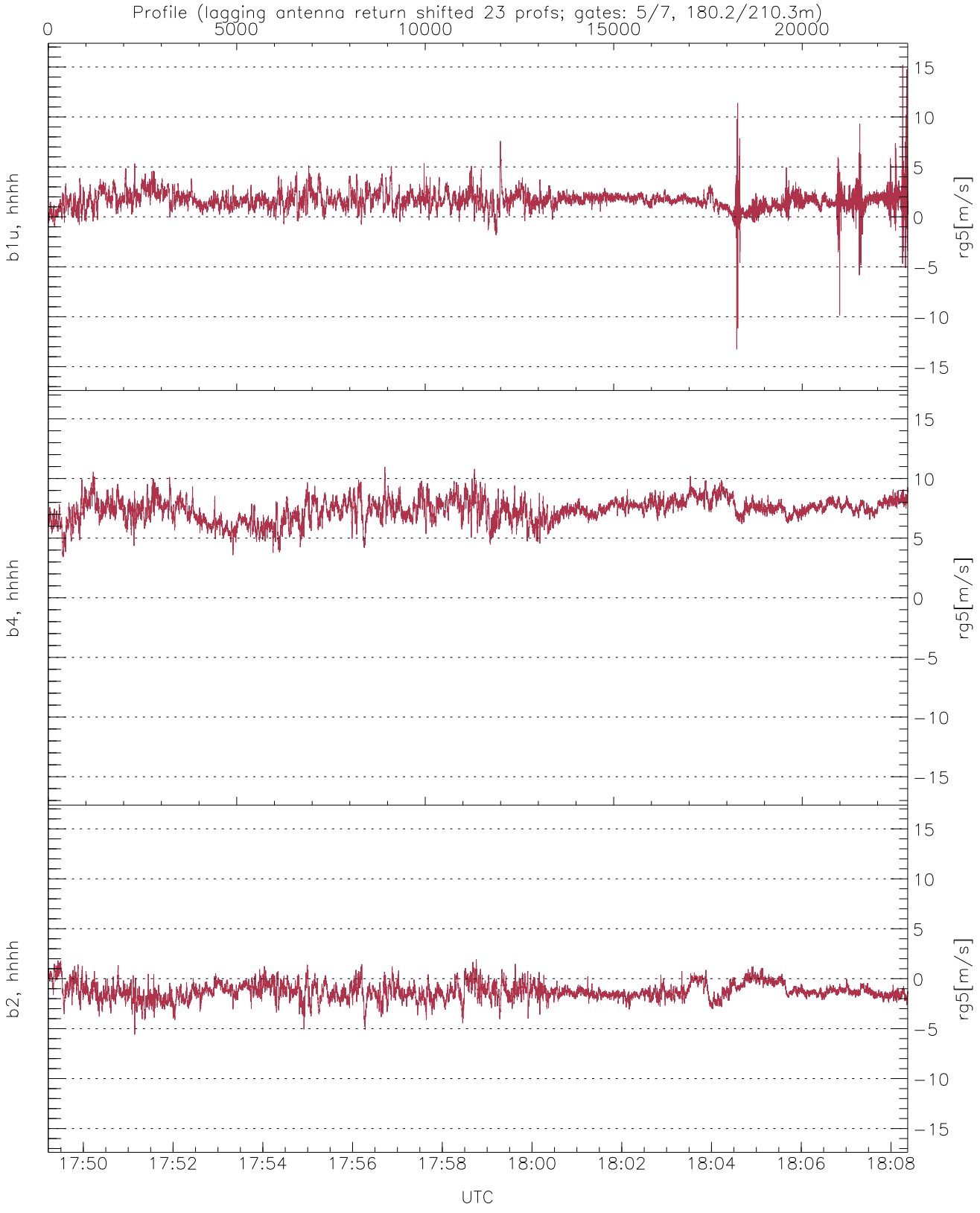
	Min	Max	Mean
up(hh[dBm])	-62.80	-13.48	-24.89
down-fore(hh[dBm])	-58.90	-19.84	-30.42
down(hh[dBm])	-57.36	-15.80	-26.15





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

	Min	Max	Mean
up/down(dB)	-34.13	26.76	-4.06
down/down-fore(dB)	-13.48	26.09	6.19



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-13.26	15.20	1.67	0.91
b4, hhhh(rg5[m/s])	3.43	10.96	7.37	0.96
b2, hhhh(rg5[m/s])	-5.59	1.94	-1.26	0.85