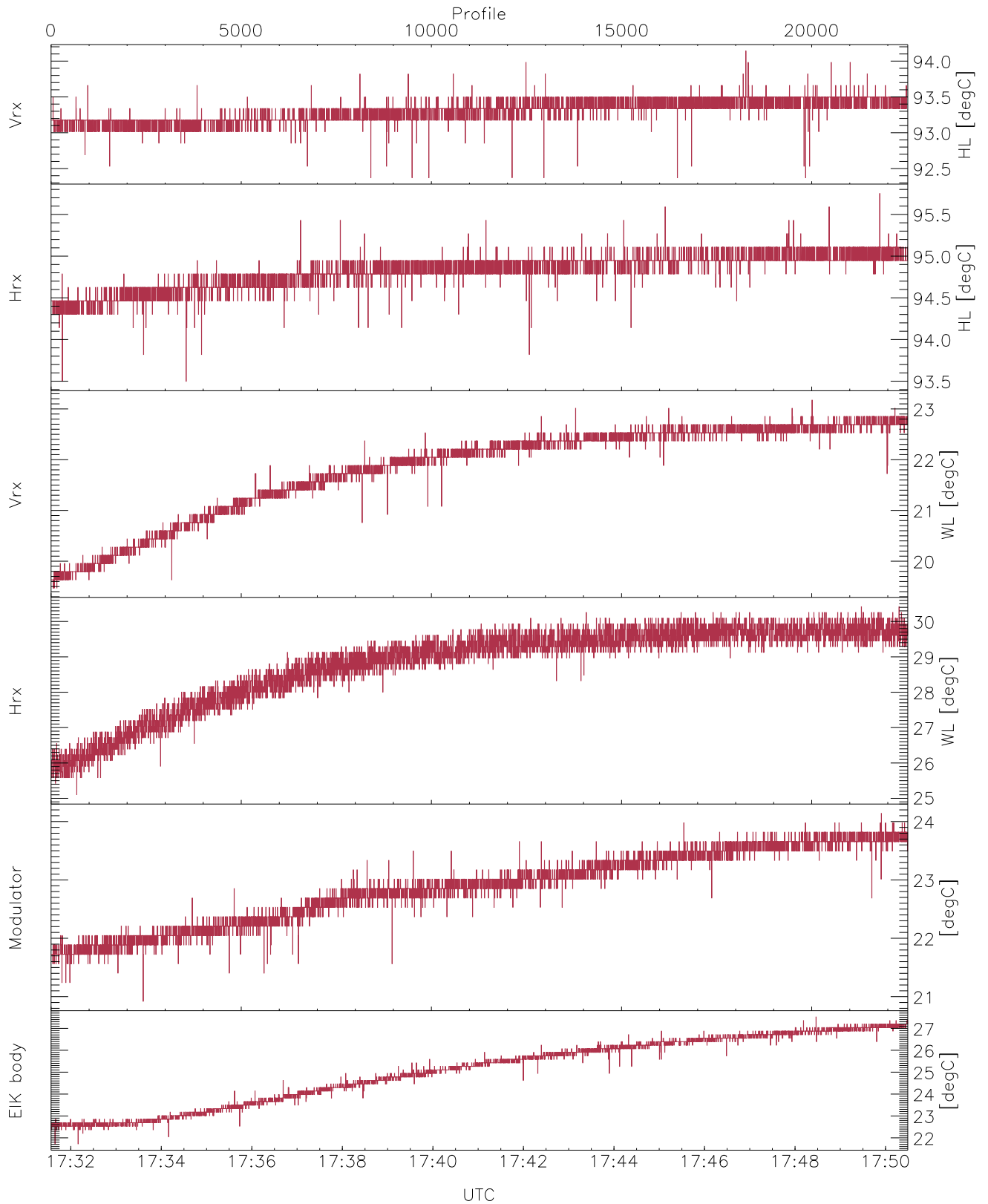


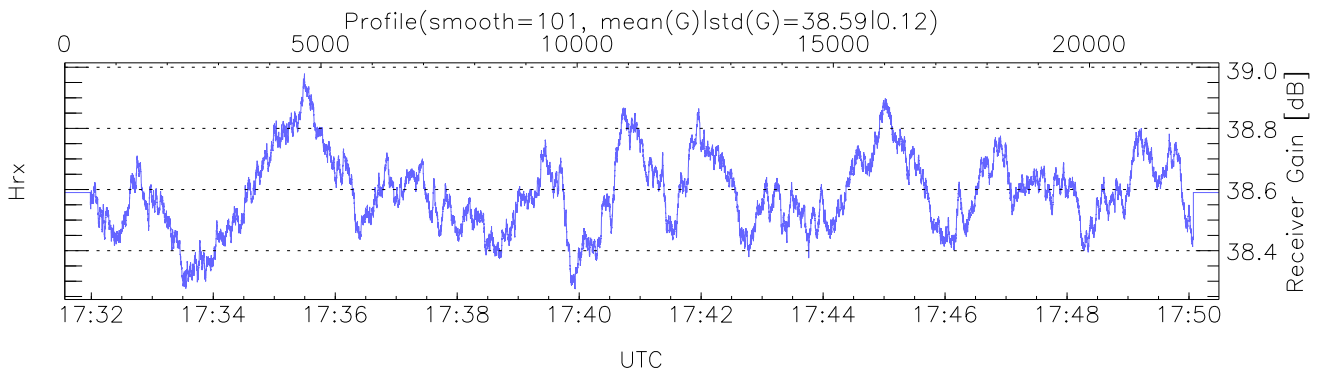
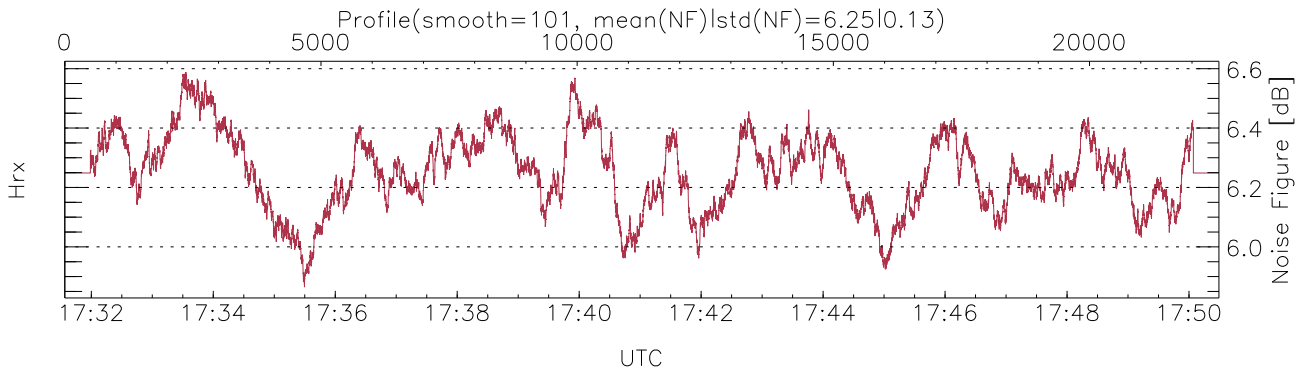
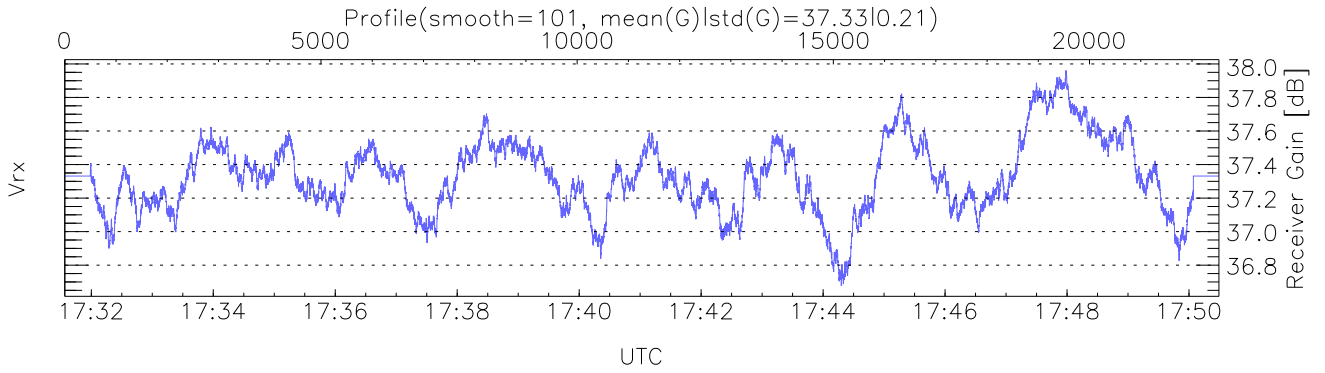
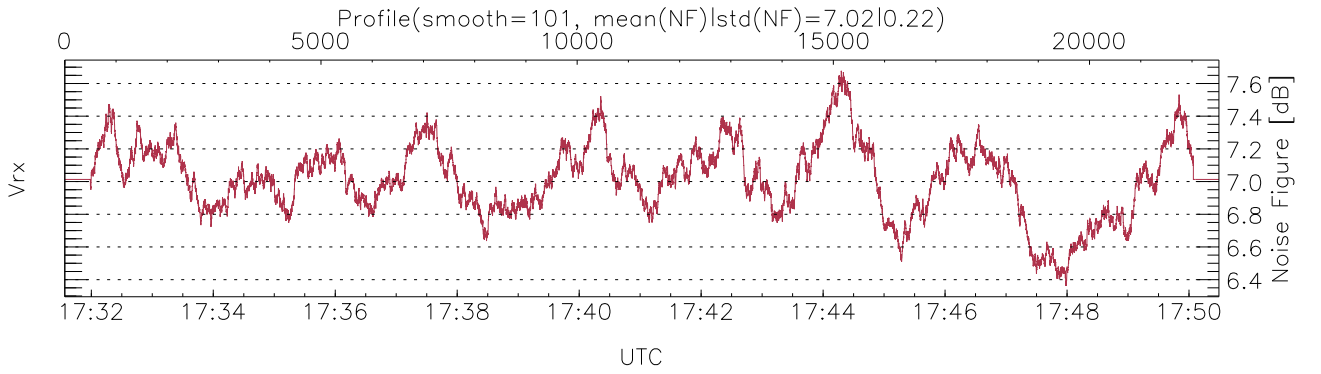
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:31:34-17:50:29, Dur: 1135.59s
 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): 22527/22527, 0-22526/17:31:34-17:50:29
 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,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



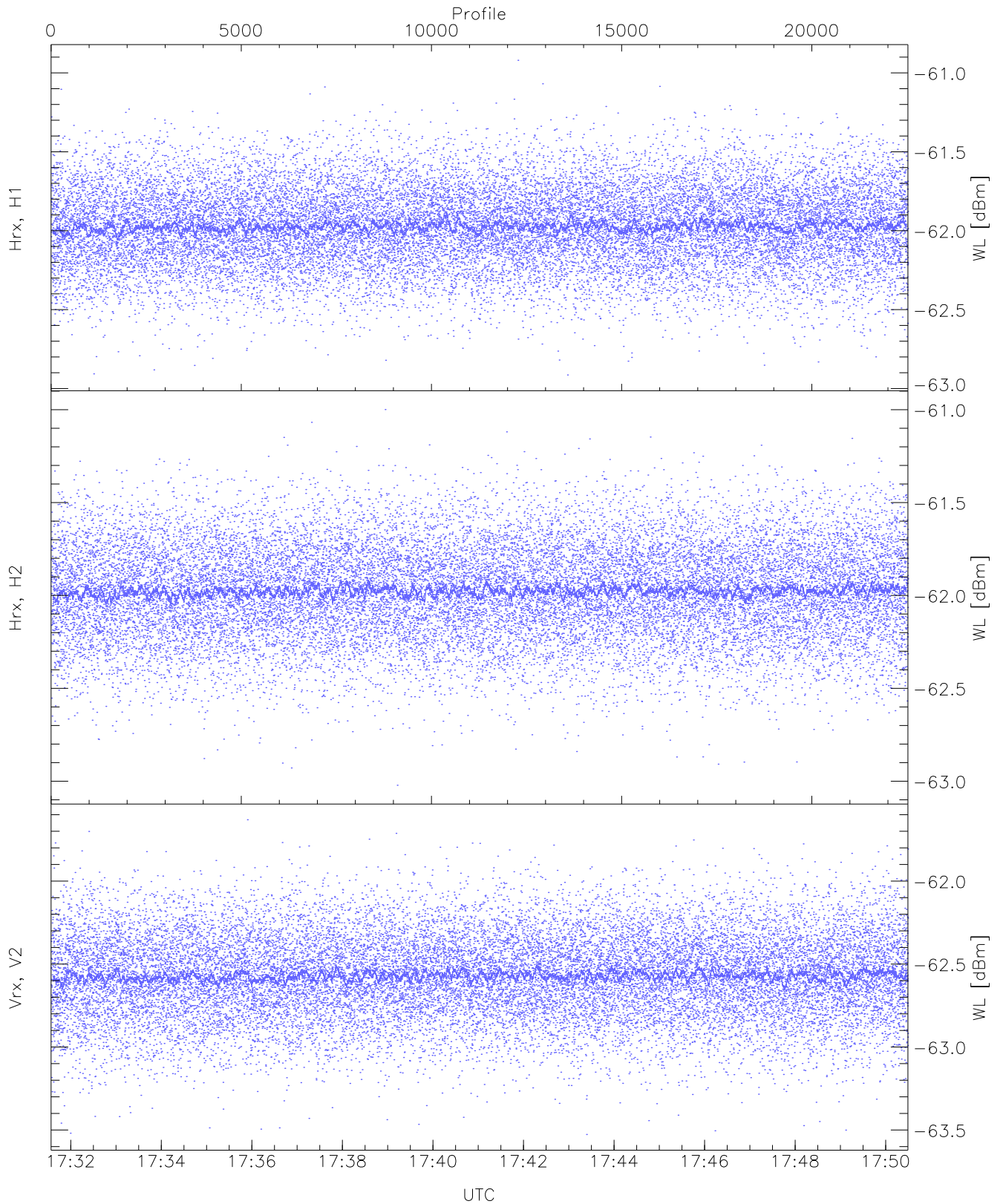
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,19,25,20,21
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,23,30,24,27
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (35,35,35,35,35,22)



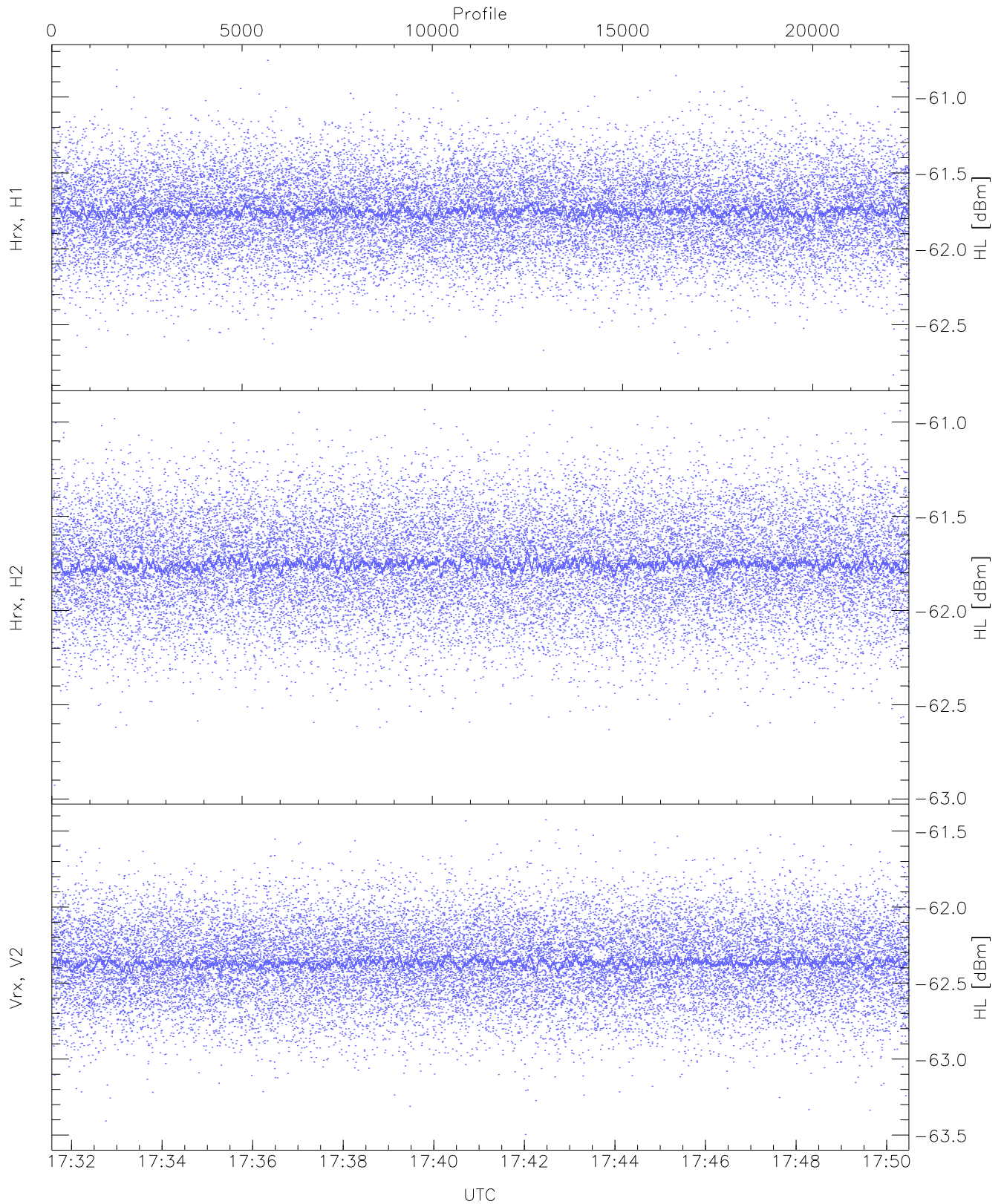
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 844 pixs, 23 gates, 816 profs, 1 prods



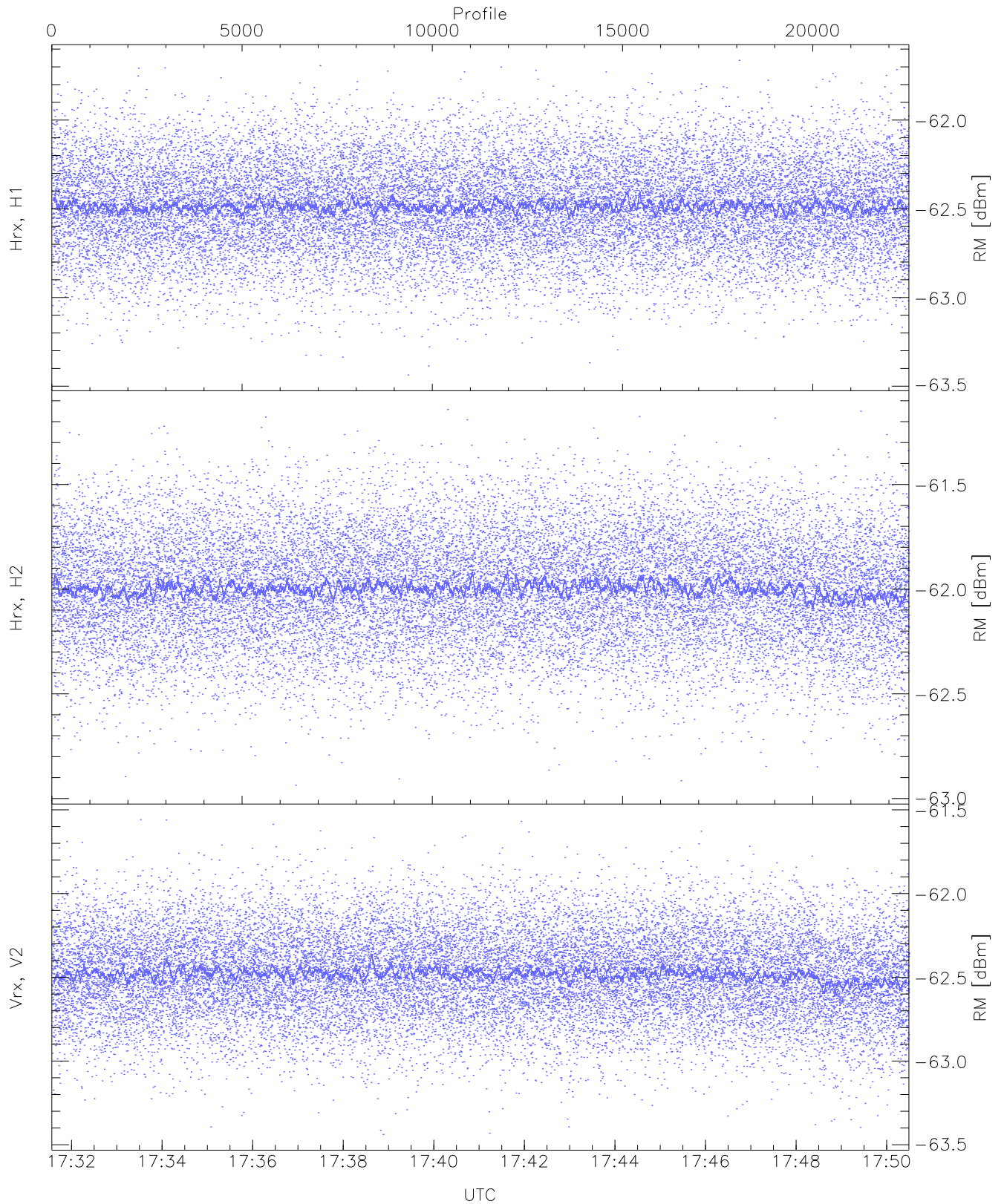
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.91	-60.92	-61.97	-61.97	-74.54
Hrx, H2(WL [dBm])	-63.02	-61.00	-61.97	-61.98	-74.52
Vrx, V2(WL [dBm])	-63.53	-61.63	-62.57	-62.57	-75.13



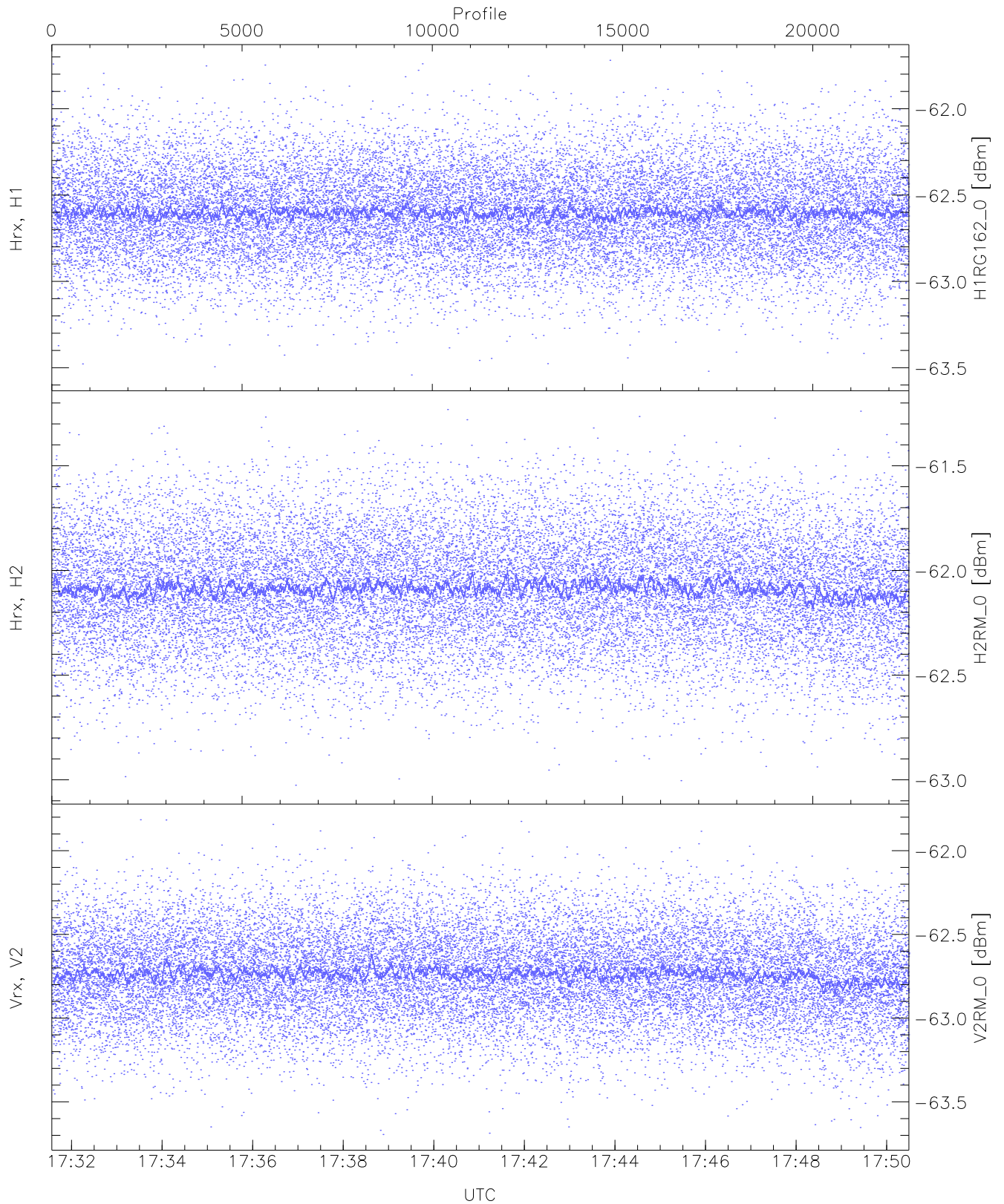
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.83	-60.76	-61.75	-61.76	-74.32
Hrx, H2 (HL [dBm])	-62.93	-60.93	-61.75	-61.76	-74.32
Vrx, V2 (HL [dBm])	-63.50	-61.43	-62.36	-62.37	-74.90



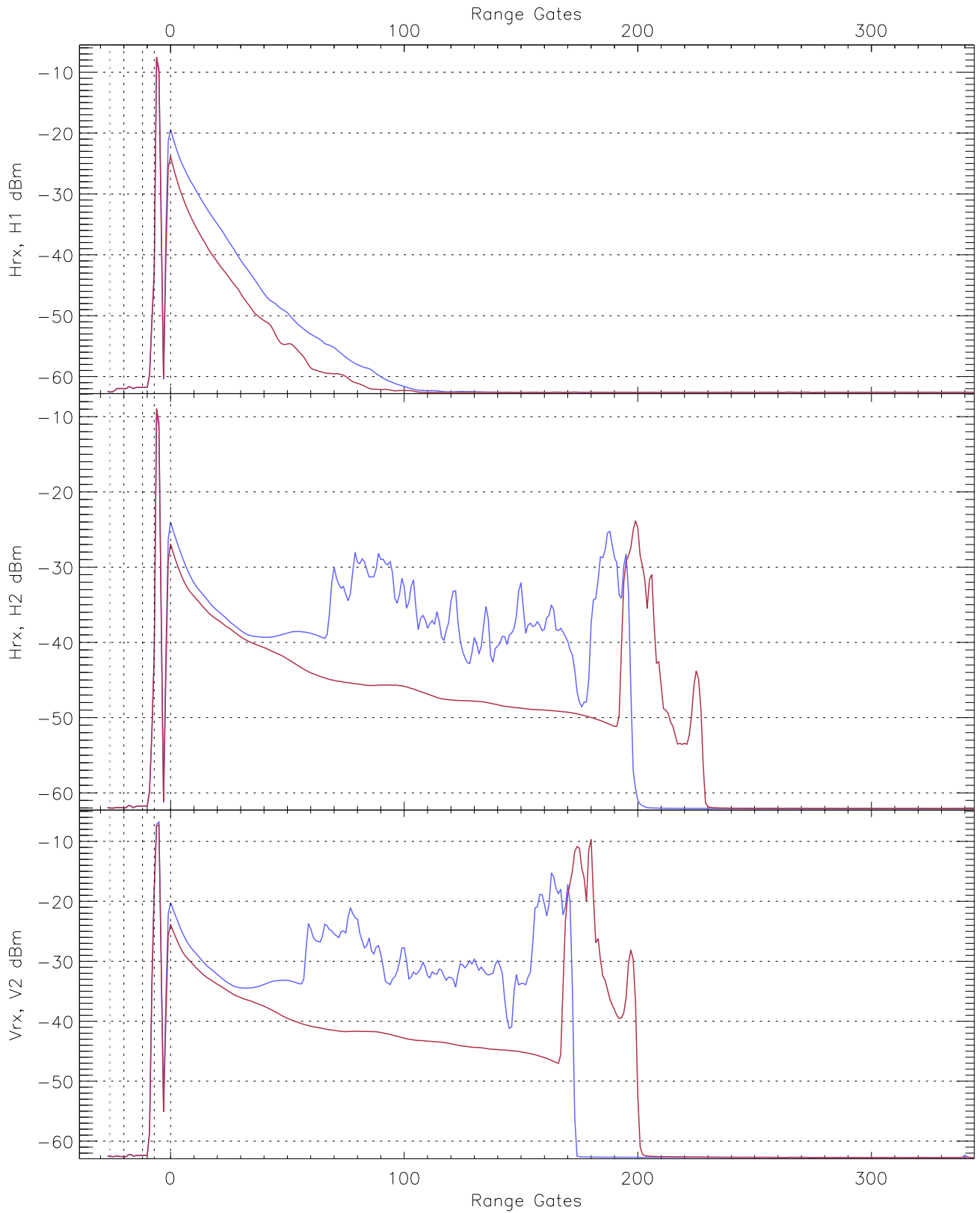
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.44	-61.66	-62.48	-62.49	-75.07
Hrx, H2 (RM [dBm])	-62.94	-61.14	-61.99	-62.00	-74.55
Vrx, V2 (RM [dBm])	-63.44	-61.56	-62.48	-62.49	-74.99

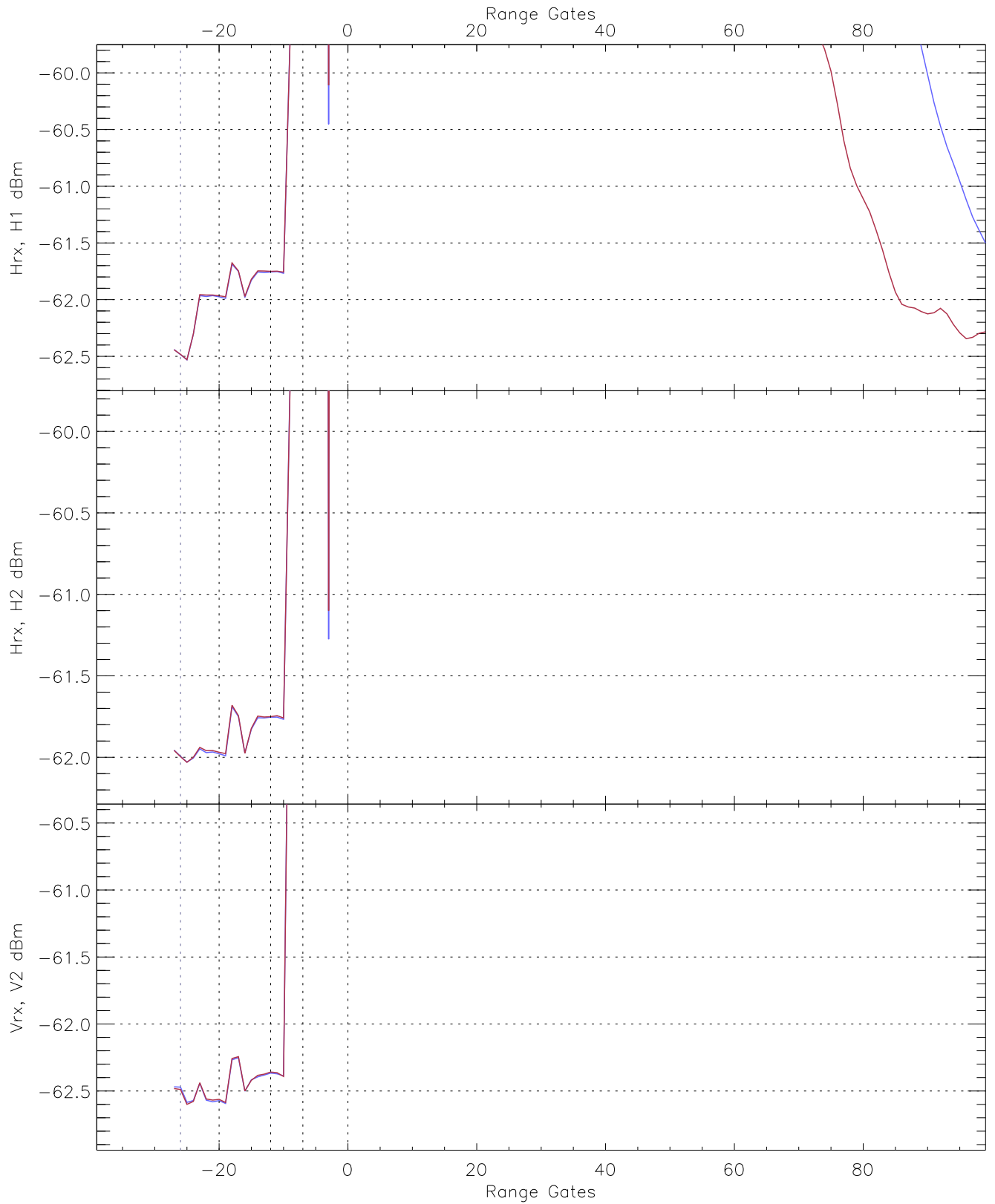


WCR2 CPP "Best" estimate Receivers Noise Power

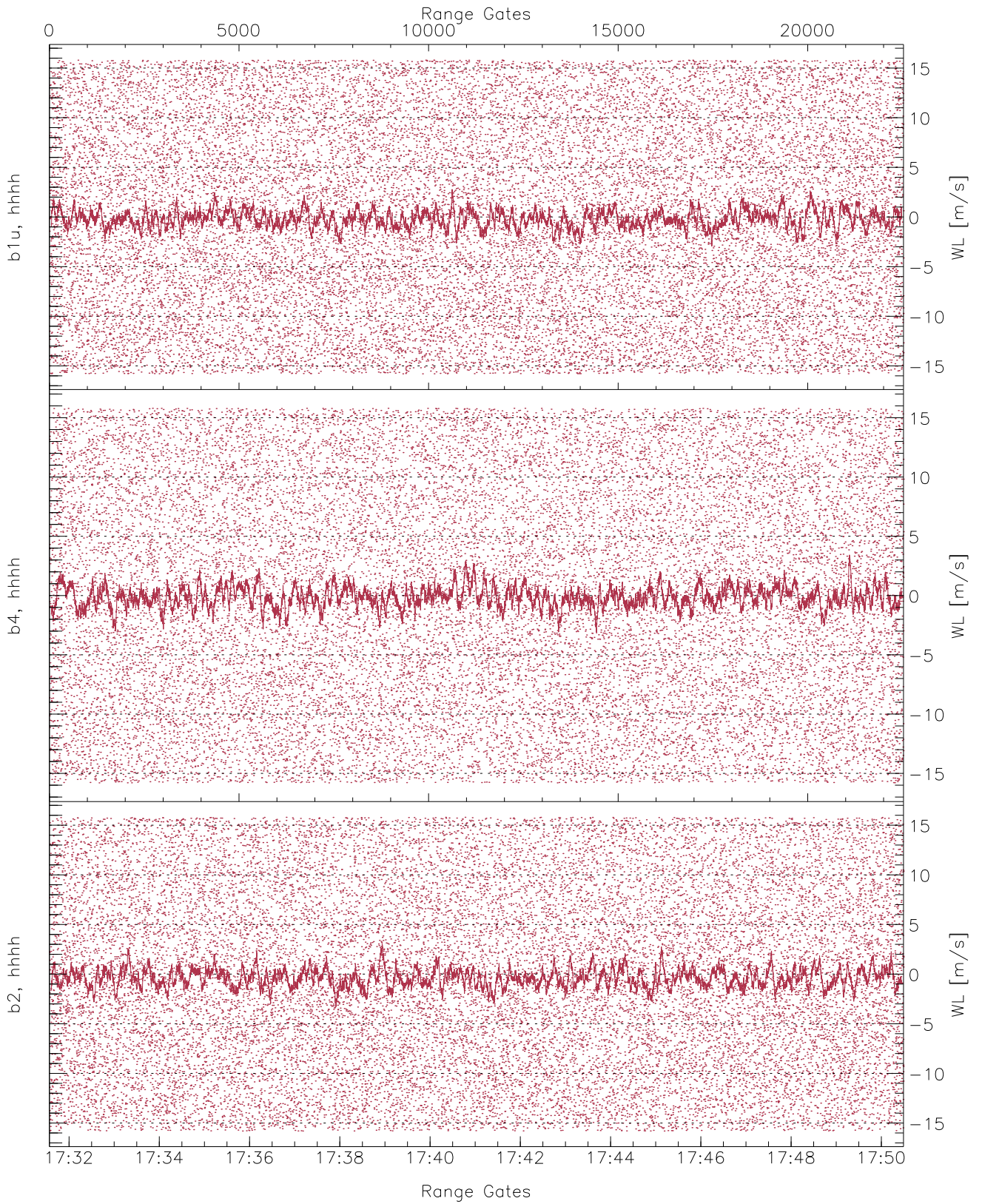
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.54	-61.72	-62.60	-62.61	-75.20
H2RM_0 [dBm]	-63.03	-61.23	-62.08	-62.09	-74.64
V2RM_0 [dBm]	-63.69	-61.82	-62.74	-62.74	-75.25



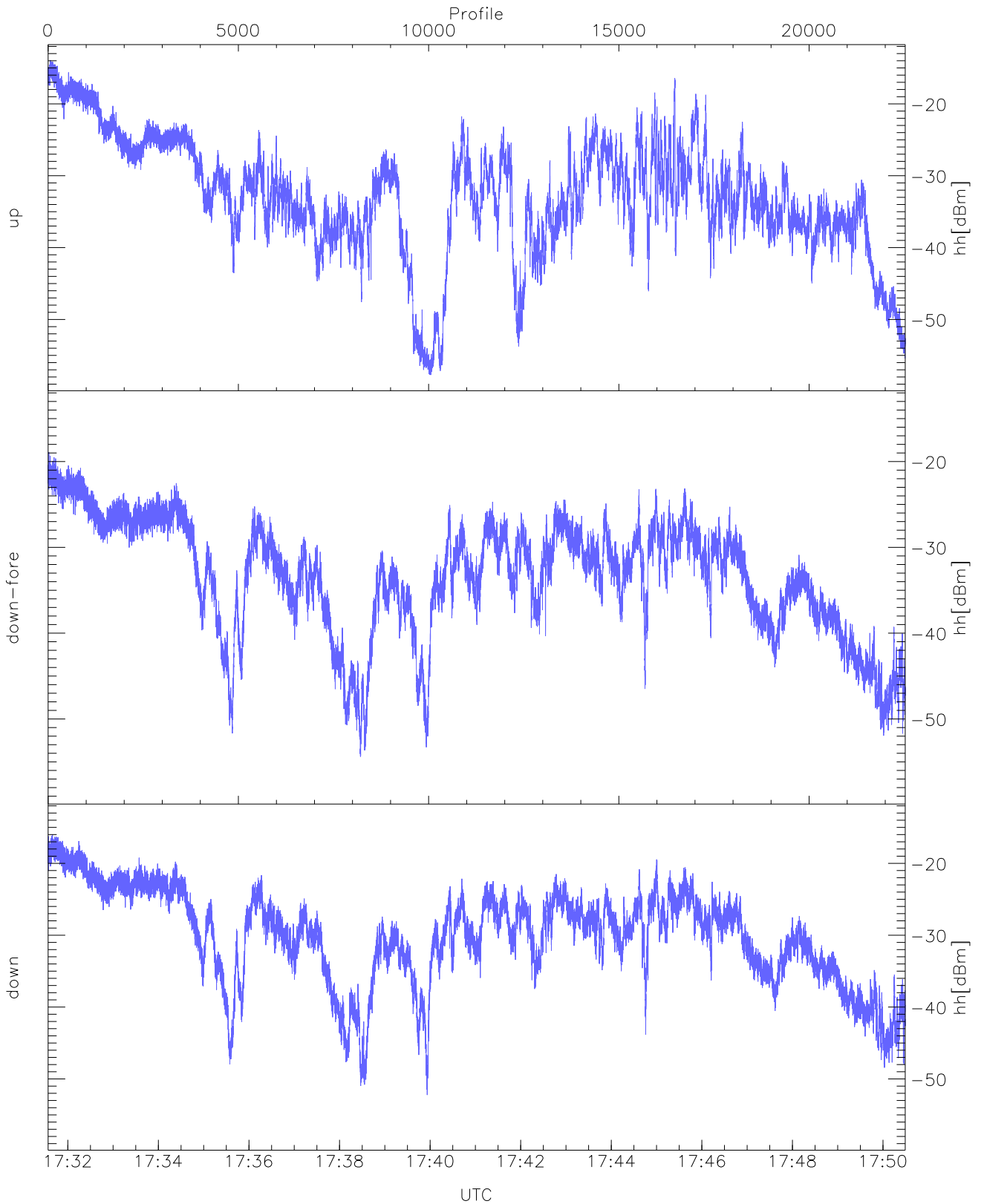
WCR2 CPP Averaged Received power for all recorded gates
blue: 173134-174102, 11264 profiles averaged
red: 174102-175029, 11264 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 173134-174102, 11264 profiles averaged
red: 174102-175029, 11264 profiles averaged

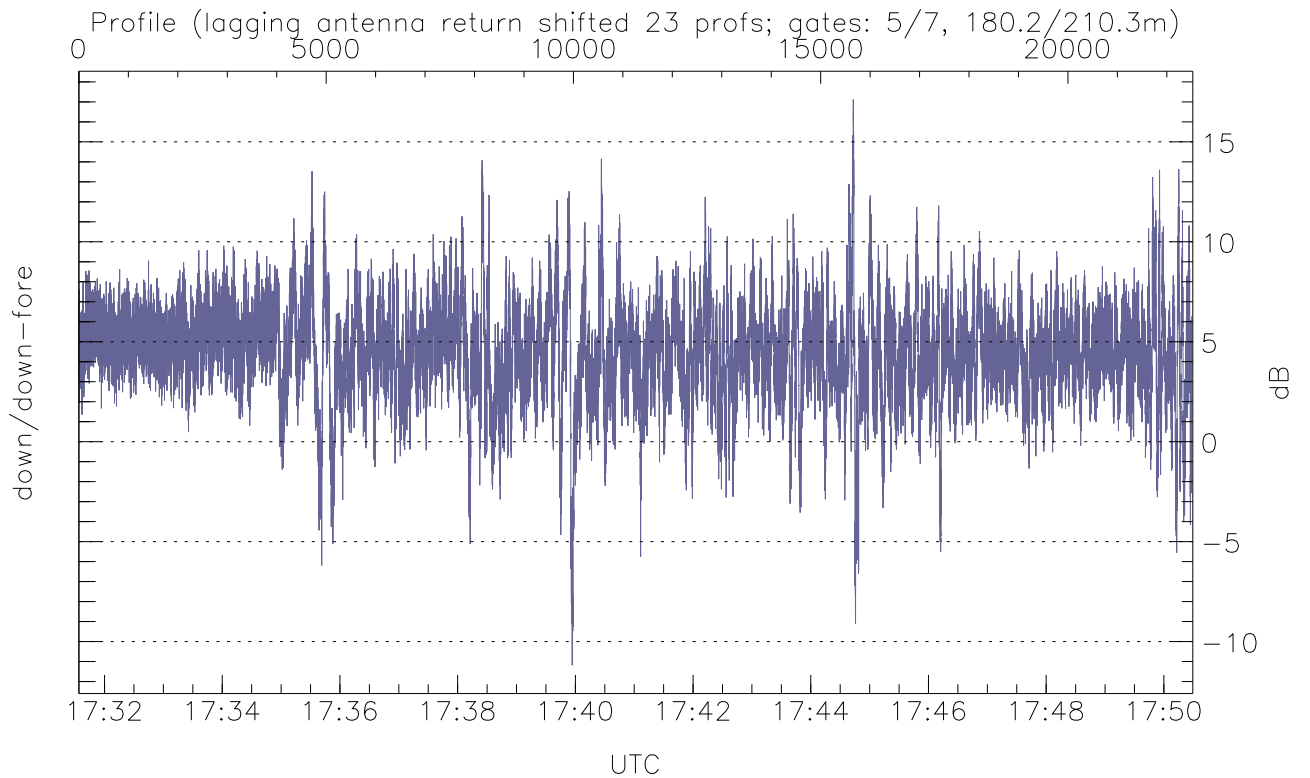
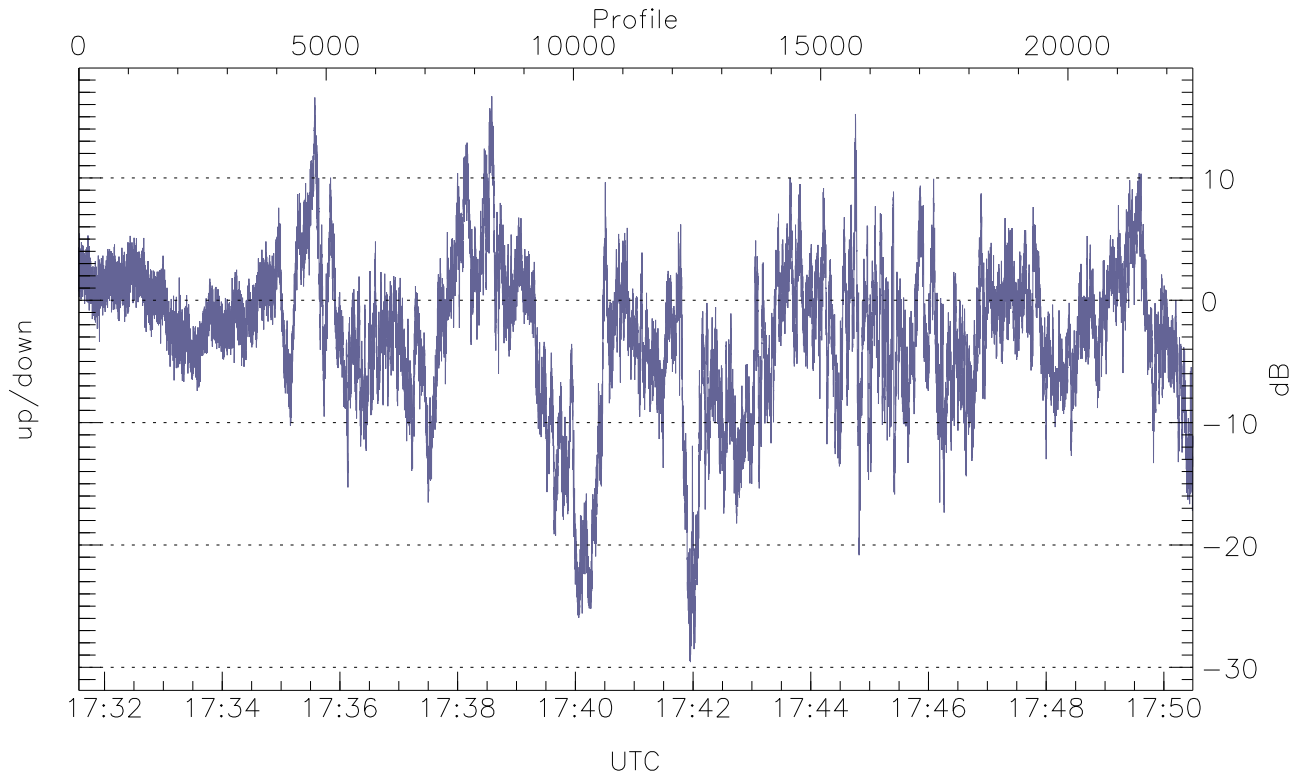


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



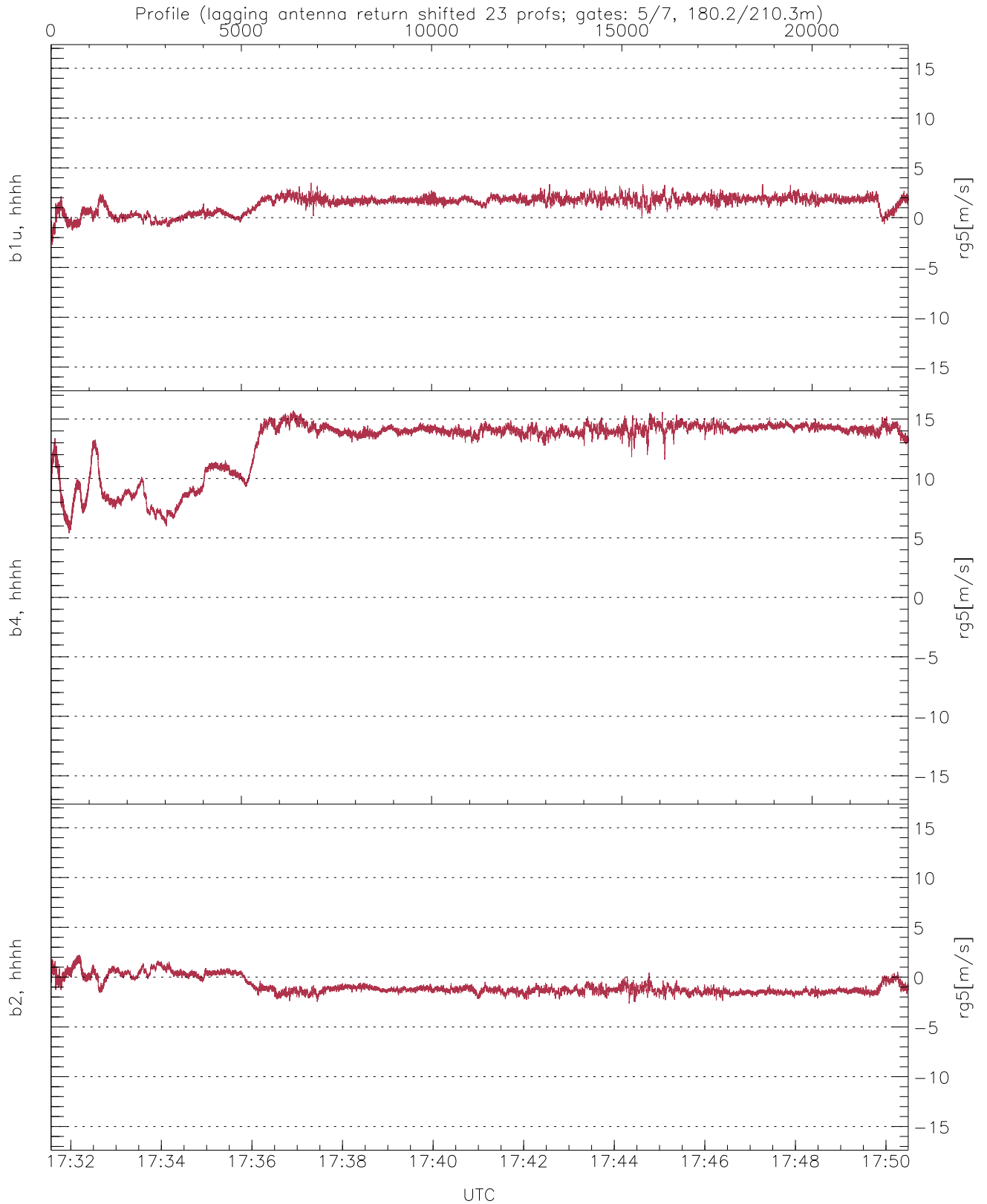
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh [dBm])	-57.73	-13.94	-27.00
down-fore(hh [dBm])	-54.40	-18.91	-29.82
down(hh [dBm])	-52.23	-16.01	-26.49



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

	Min	Max	Mean
up/down (dB)	-29.57	16.67	-2.81
down/down-fore (dB)	-11.19	17.12	4.48



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.74	3.50	1.41	0.82
b4, hhhh(rg5[m/s])	5.40	15.68	12.94	2.32
b2, hhhh(rg5[m/s])	-2.67	2.24	-0.91	0.82