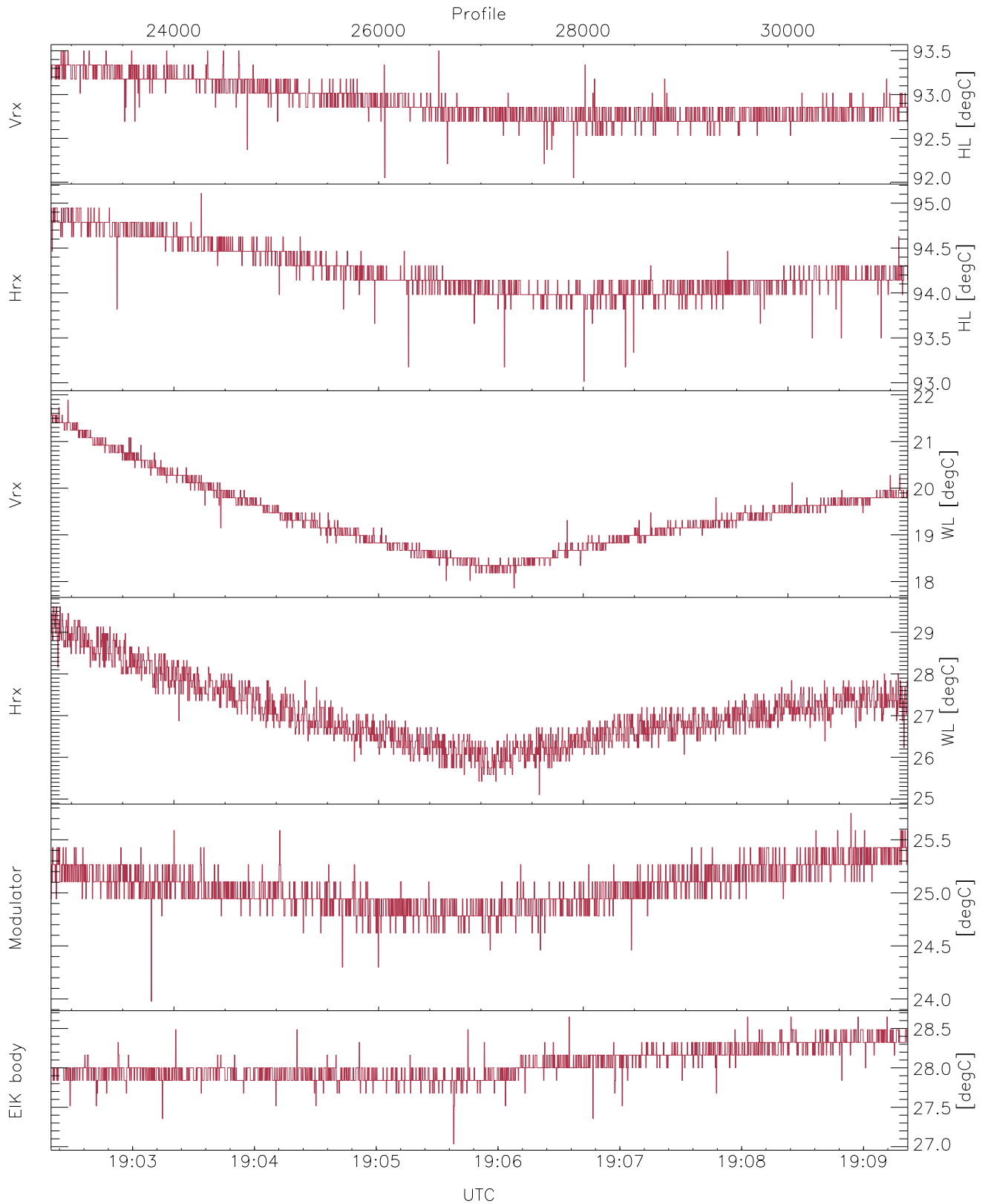


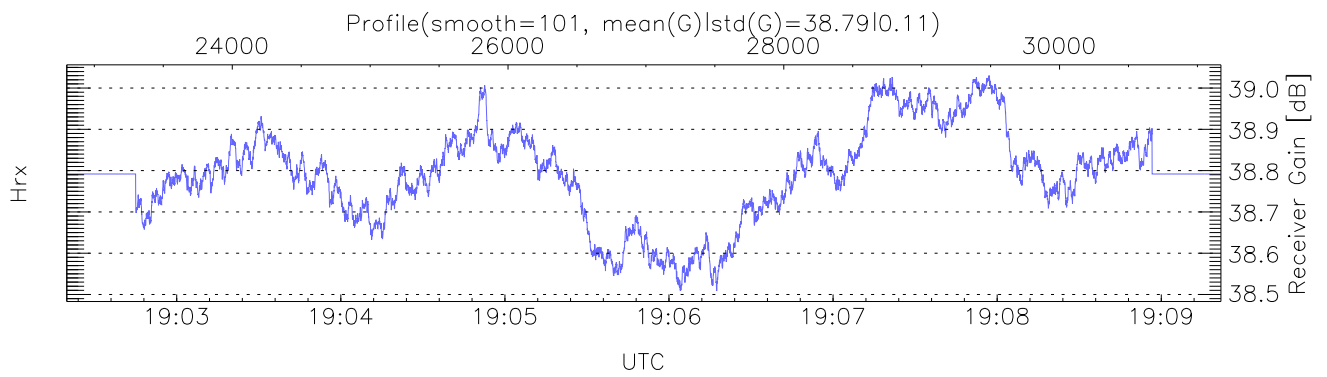
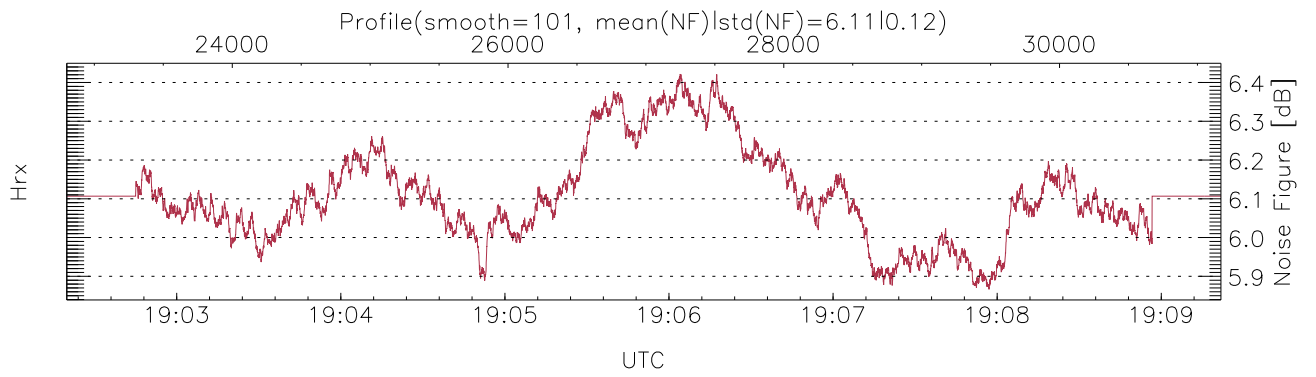
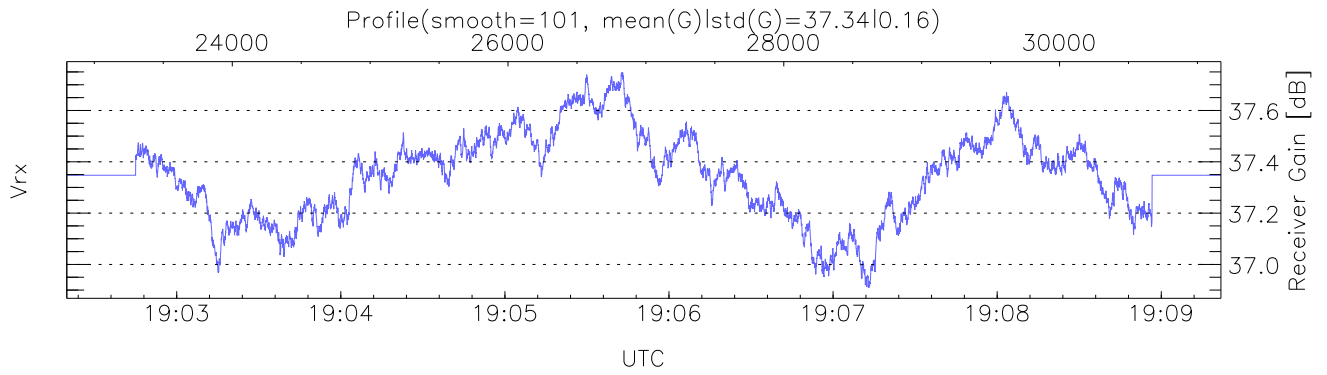
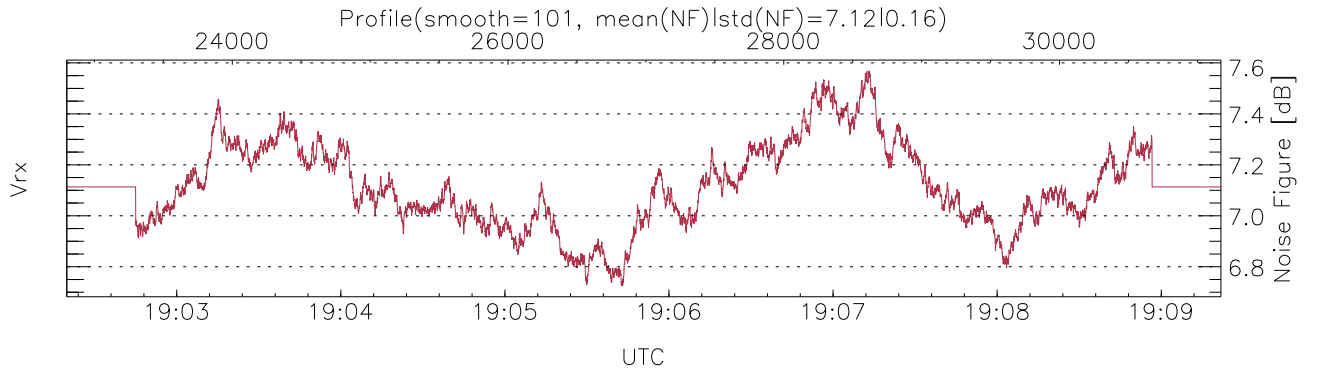
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:43:10-19:09:22, Dur: 1571.41s
 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): 8372/31172, 22800-31171/19:02:20-19:09:22
 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,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



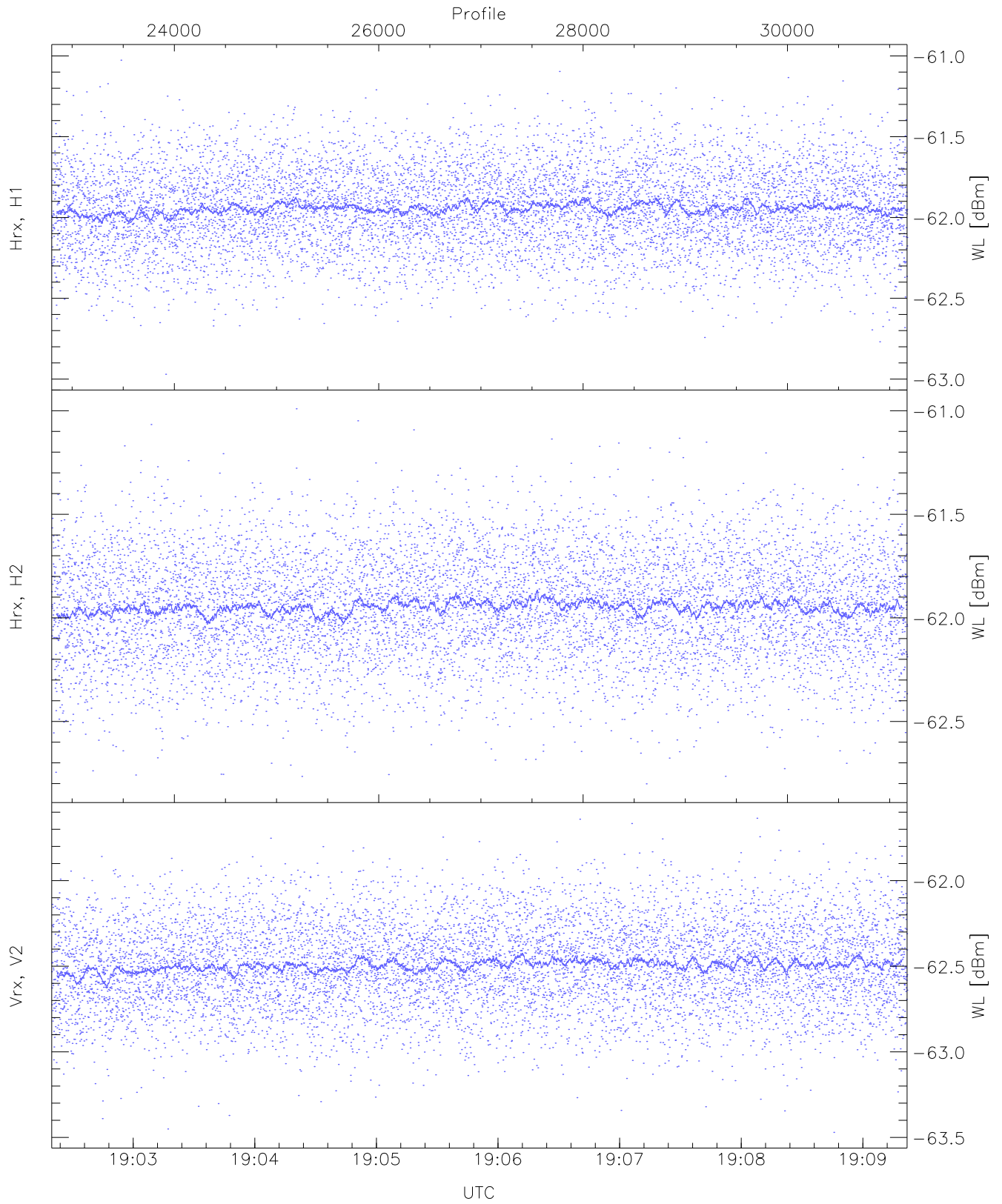
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,25,23,27
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,29,25,28
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty (10,10,10,10,10)



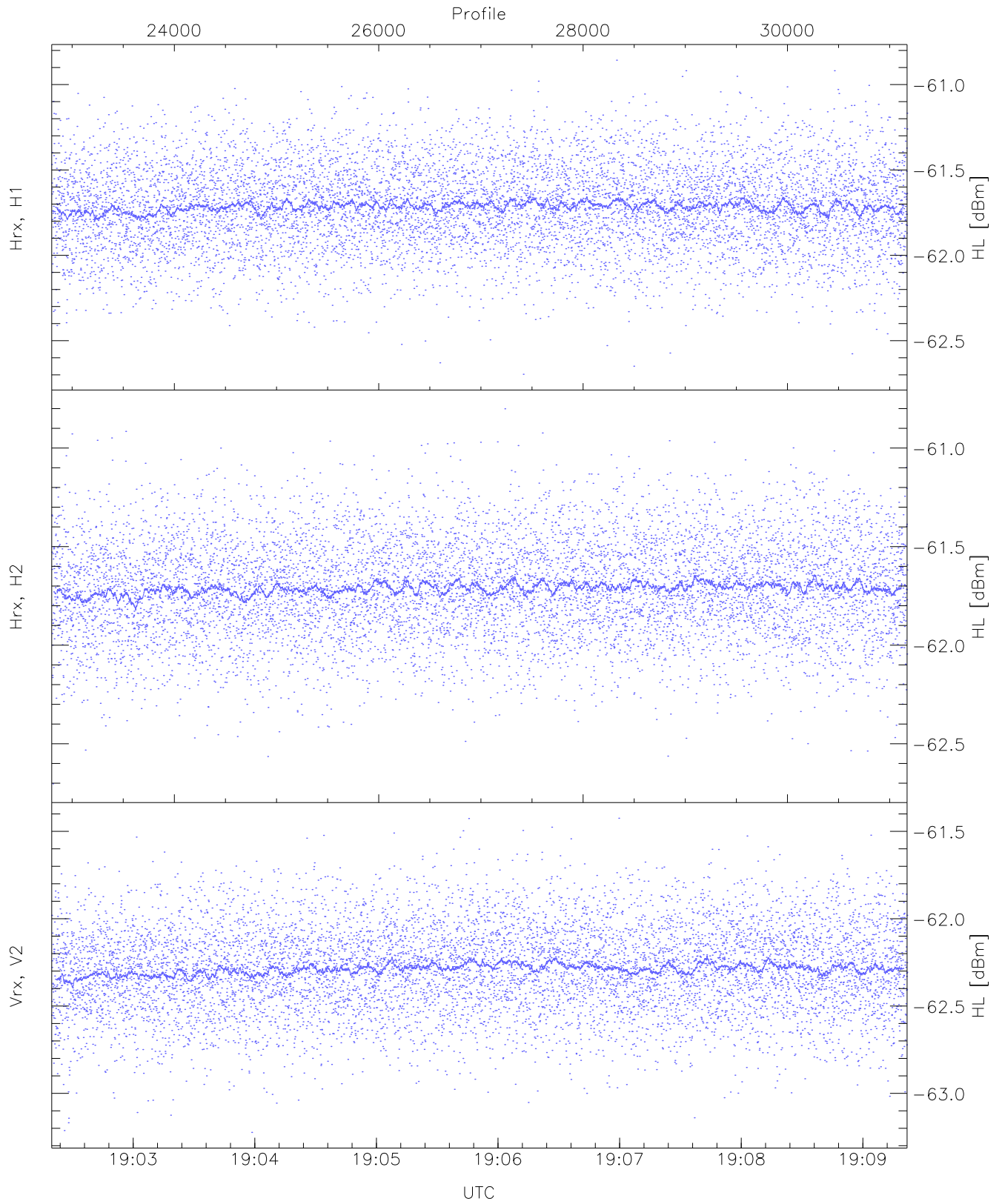
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 600 pixs, 9 gates, 600 profs, 1 prods



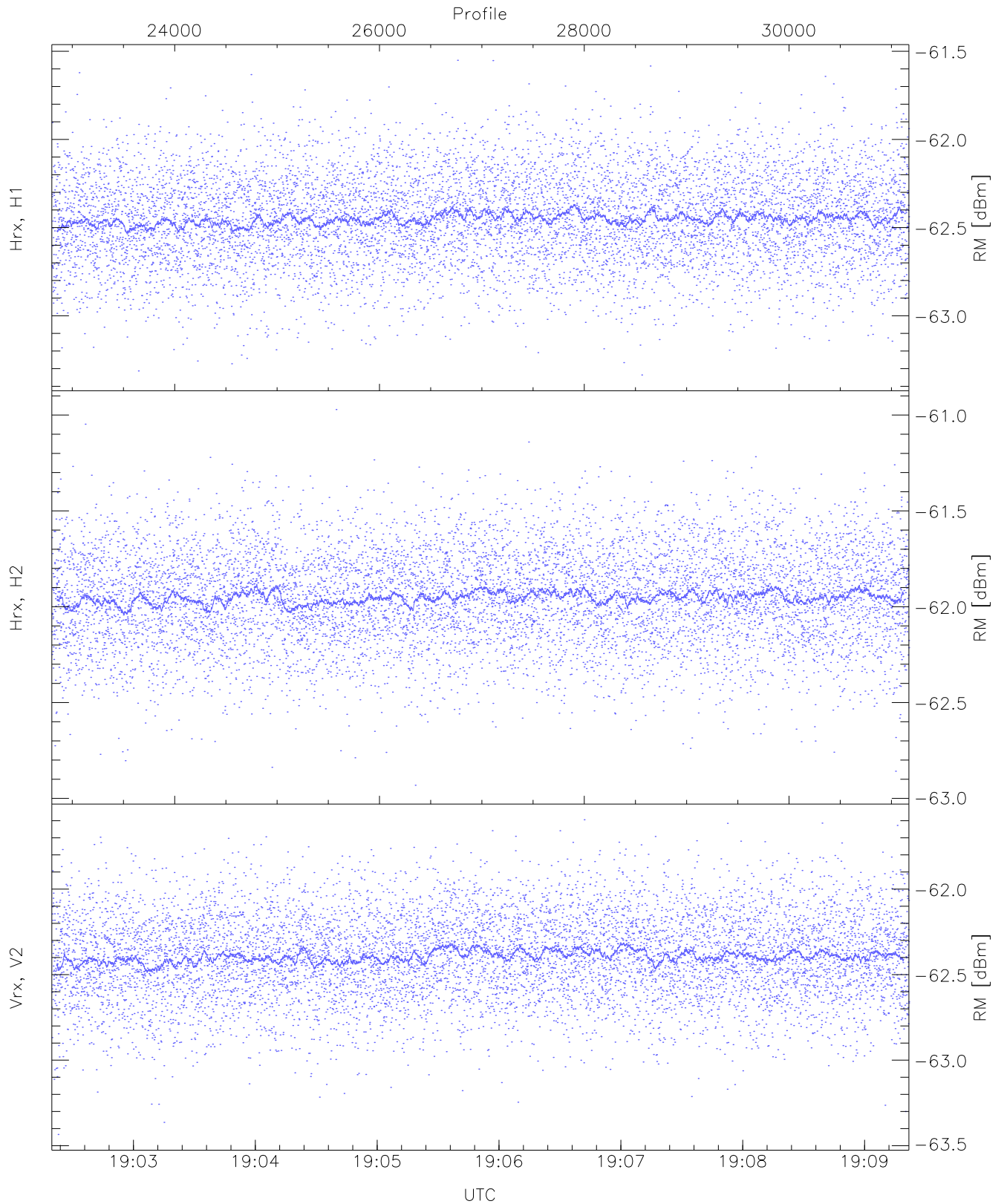
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.97	-61.03	-61.94	-61.95	-74.46
Hrx, H2(WL [dBm])	-62.80	-60.99	-61.94	-61.95	-74.51
Vrx, V2(WL [dBm])	-63.47	-61.64	-62.49	-62.50	-75.03



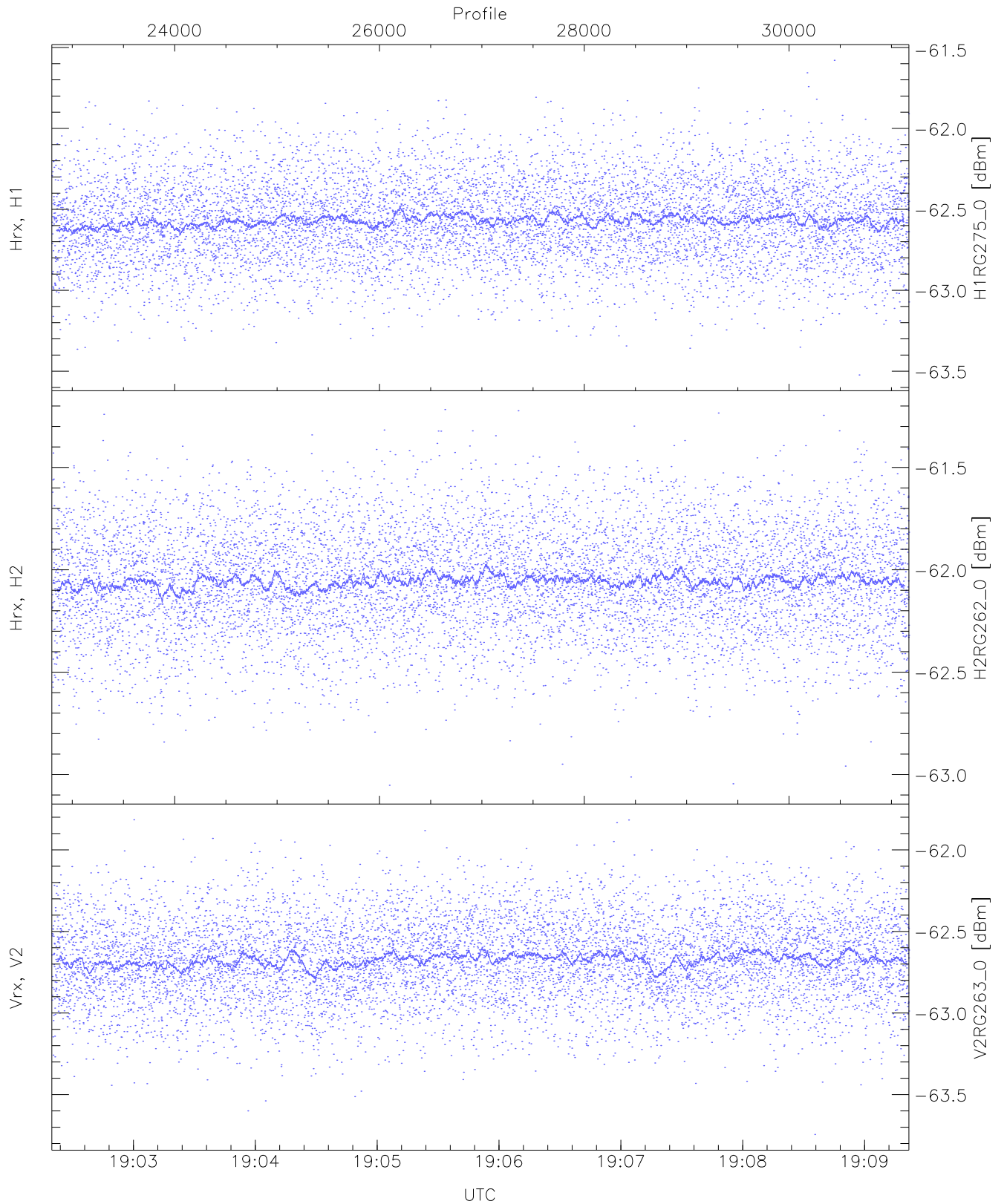
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.70	-60.86	-61.71	-61.72	-74.30
Hrx, H2 (HL [dBm])	-62.70	-60.80	-61.71	-61.72	-74.29
Vrx, V2 (HL [dBm])	-63.22	-61.42	-62.28	-62.29	-74.82



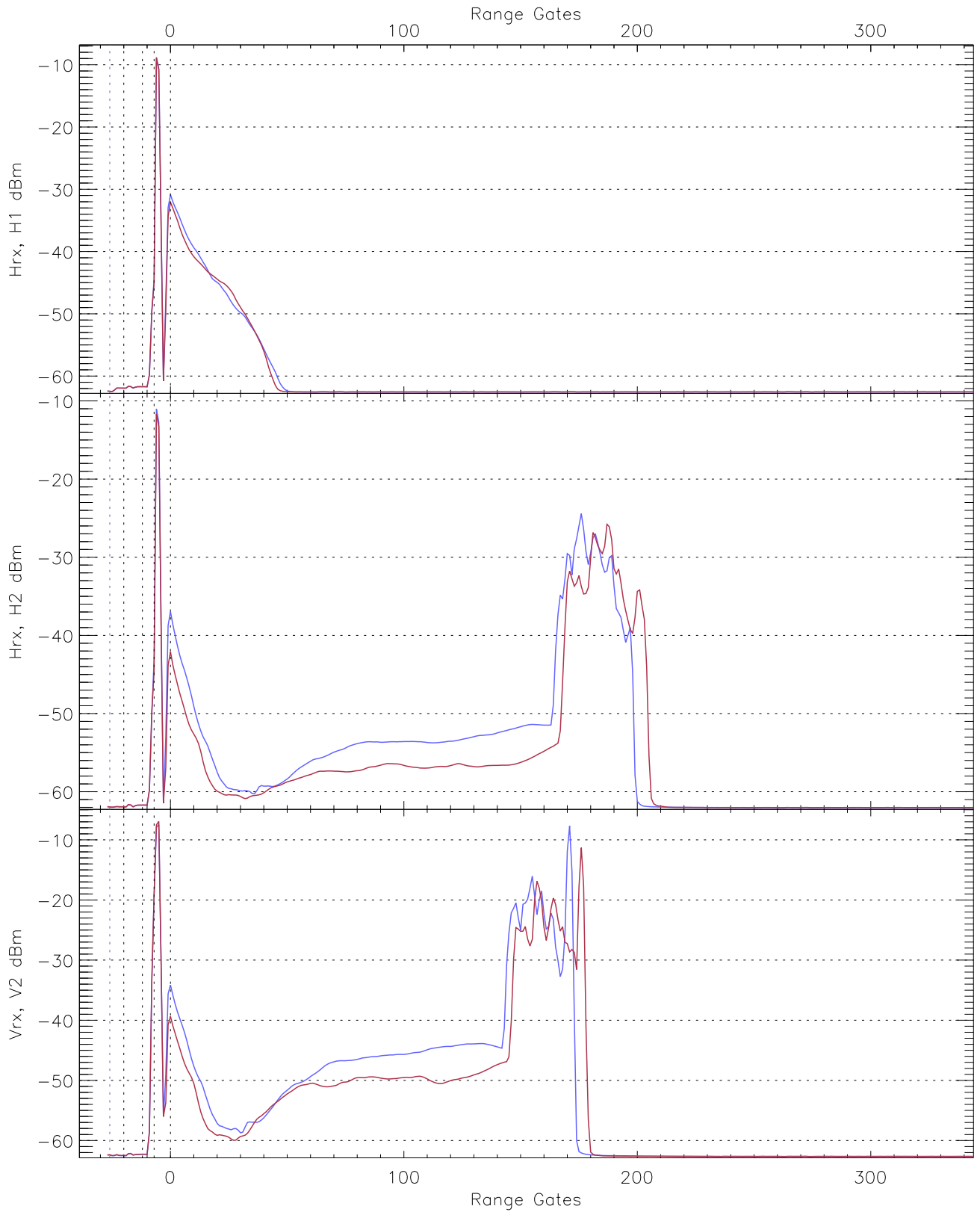
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.34	-61.55	-62.45	-62.45	-74.94
Hrx, H2 (RM [dBm])	-62.93	-60.97	-61.95	-61.95	-74.54
Vrx, V2 (RM [dBm])	-63.43	-61.59	-62.39	-62.39	-74.94

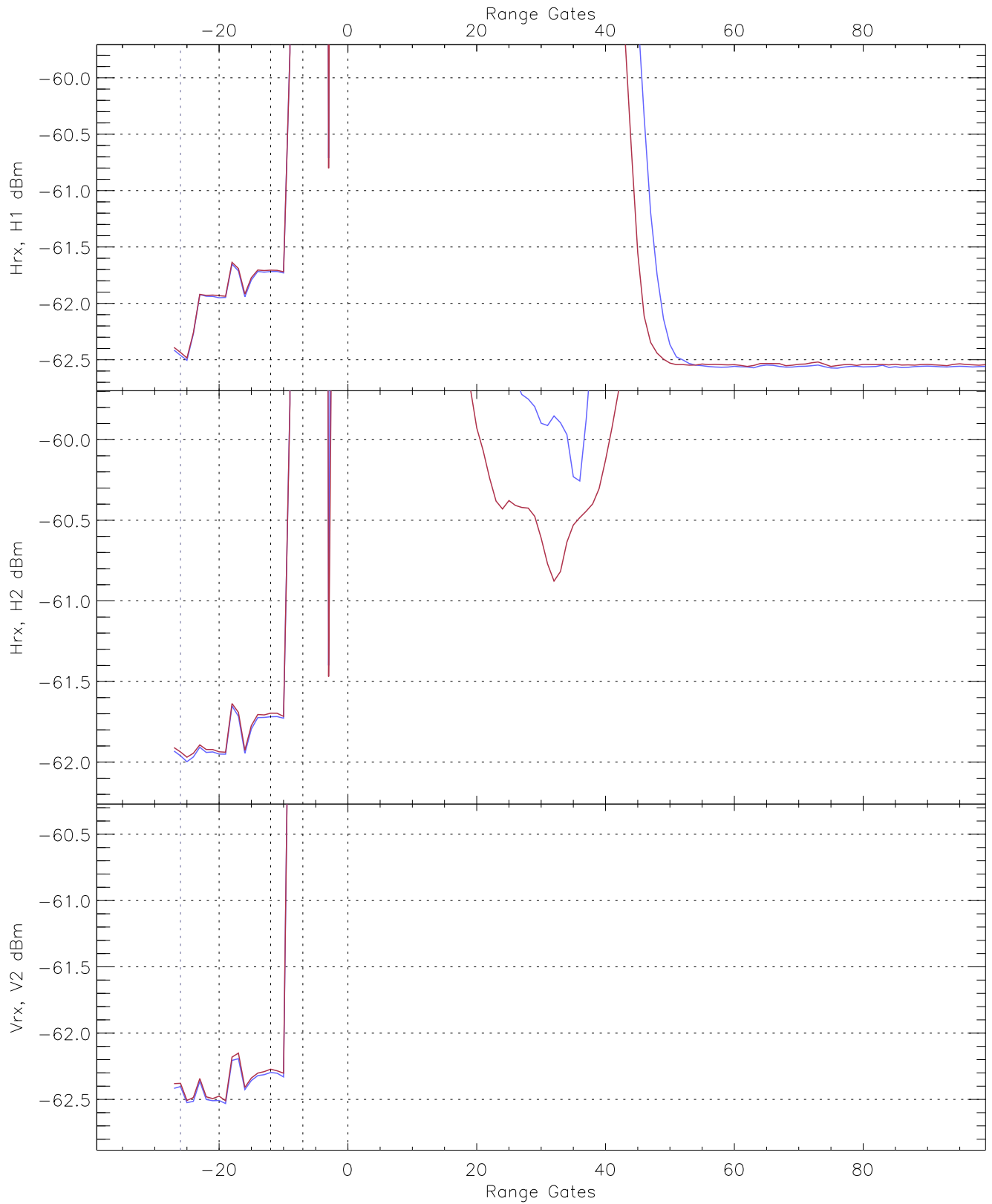


WCR2 CPP "Best" estimate Receivers Noise Power

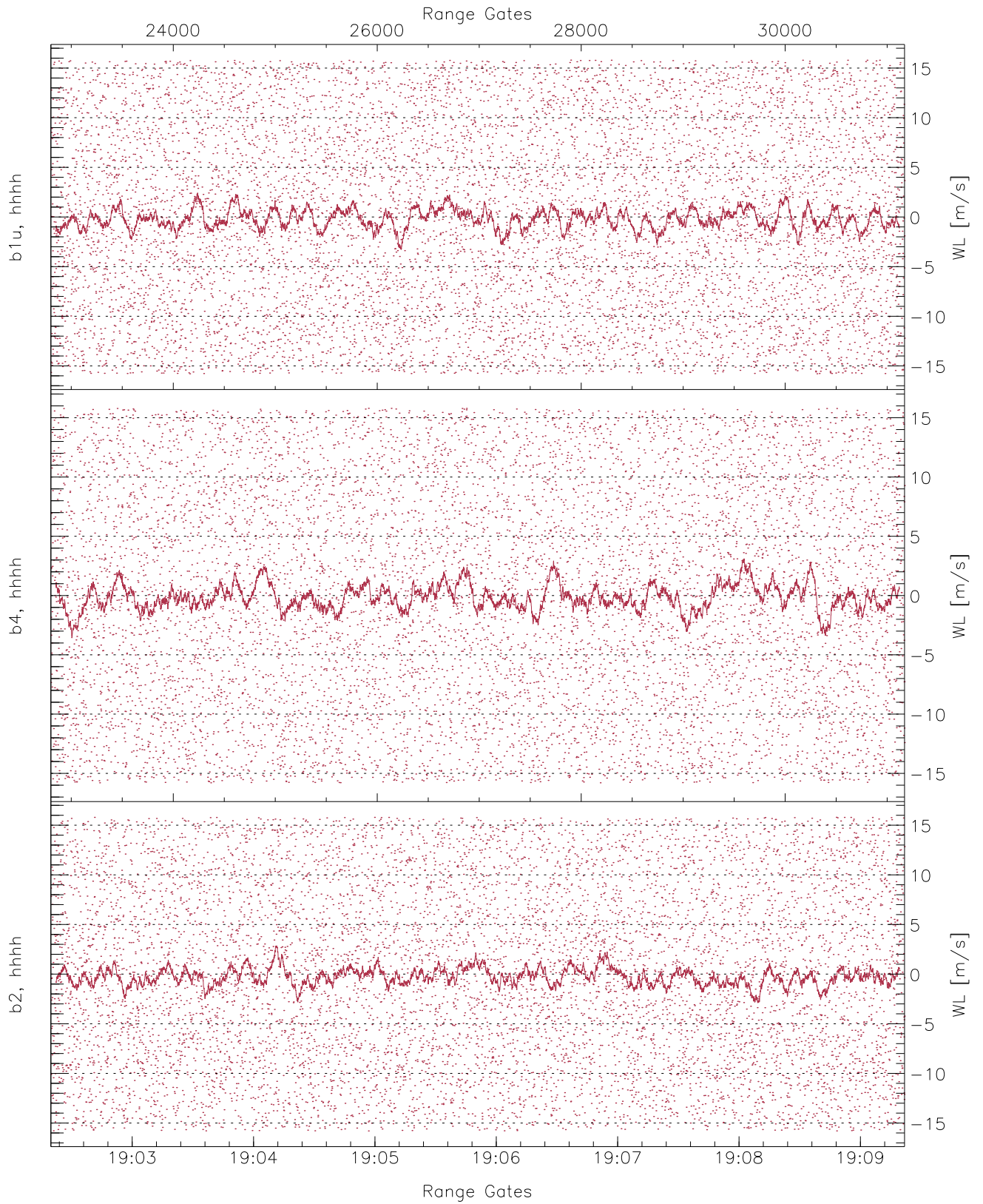
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.52	-61.58	-62.57	-62.57	-75.07
H2RG262_0 [dBm]	-63.05	-61.22	-62.05	-62.06	-74.60
V2RG263_0 [dBm]	-63.74	-61.82	-62.67	-62.68	-75.24



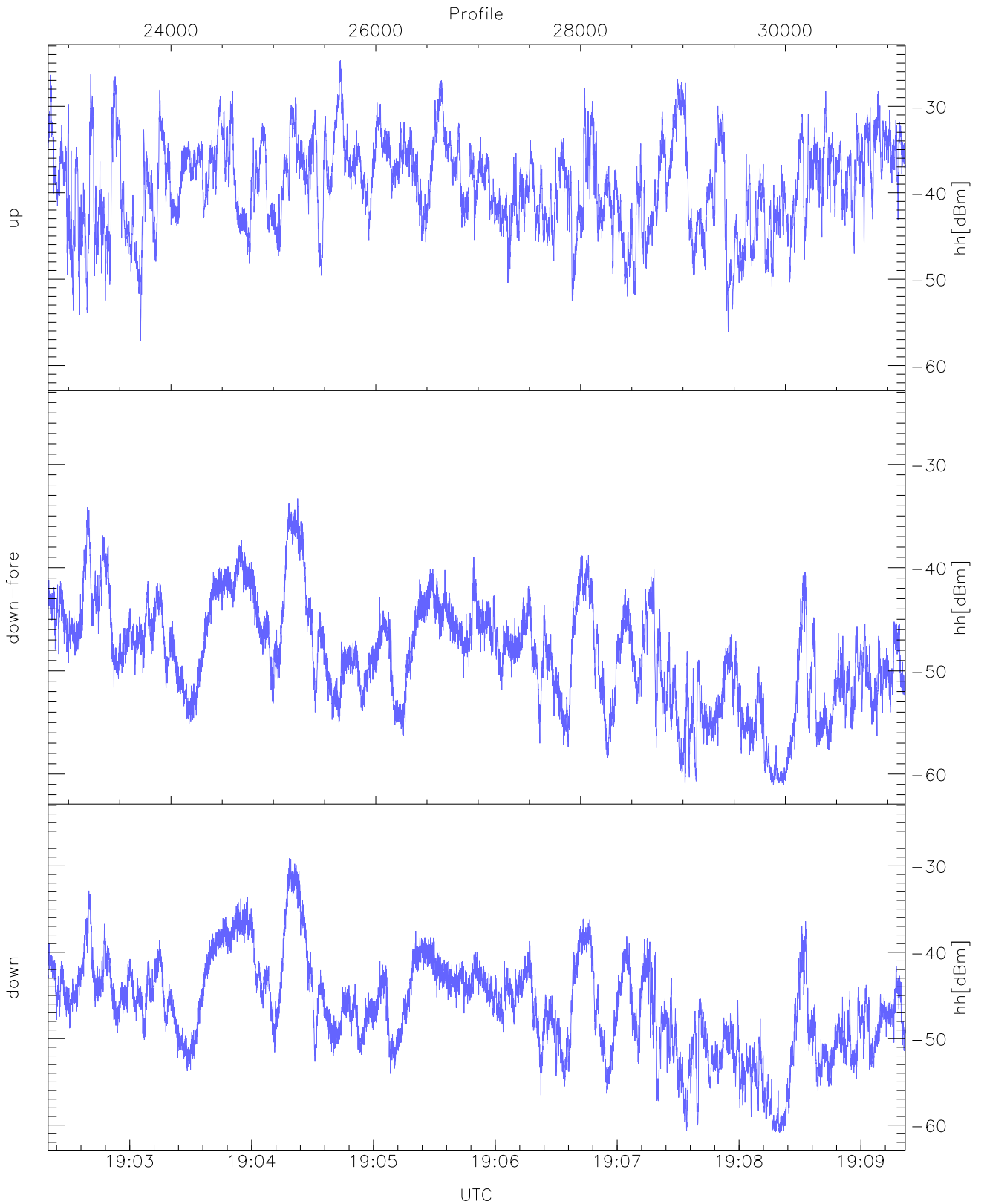
WCR2 CPP Averaged Received power for all recorded gates
blue: 190220-190551, 4187 profiles averaged
red: 190551-190922, 4186 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 190220-190551, 4187 profiles averaged
red: 190551-190922, 4186 profiles averaged

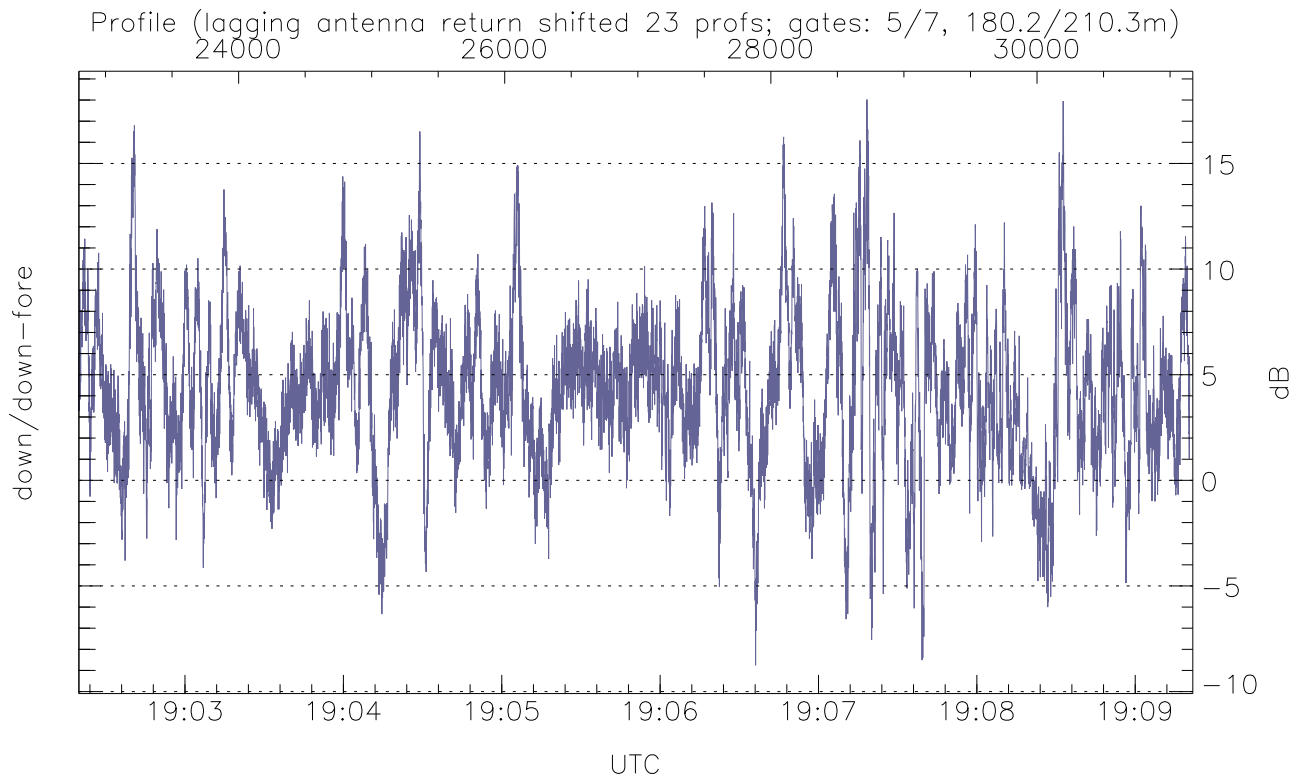
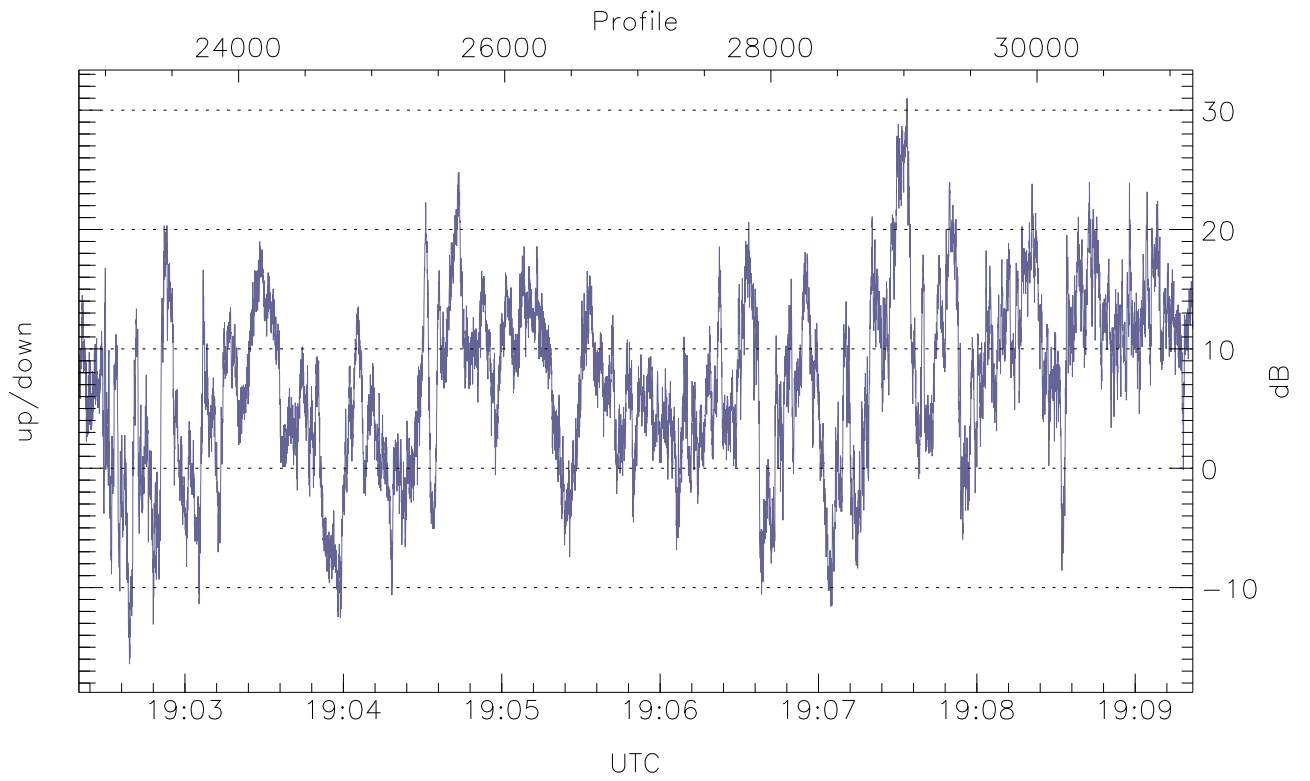


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



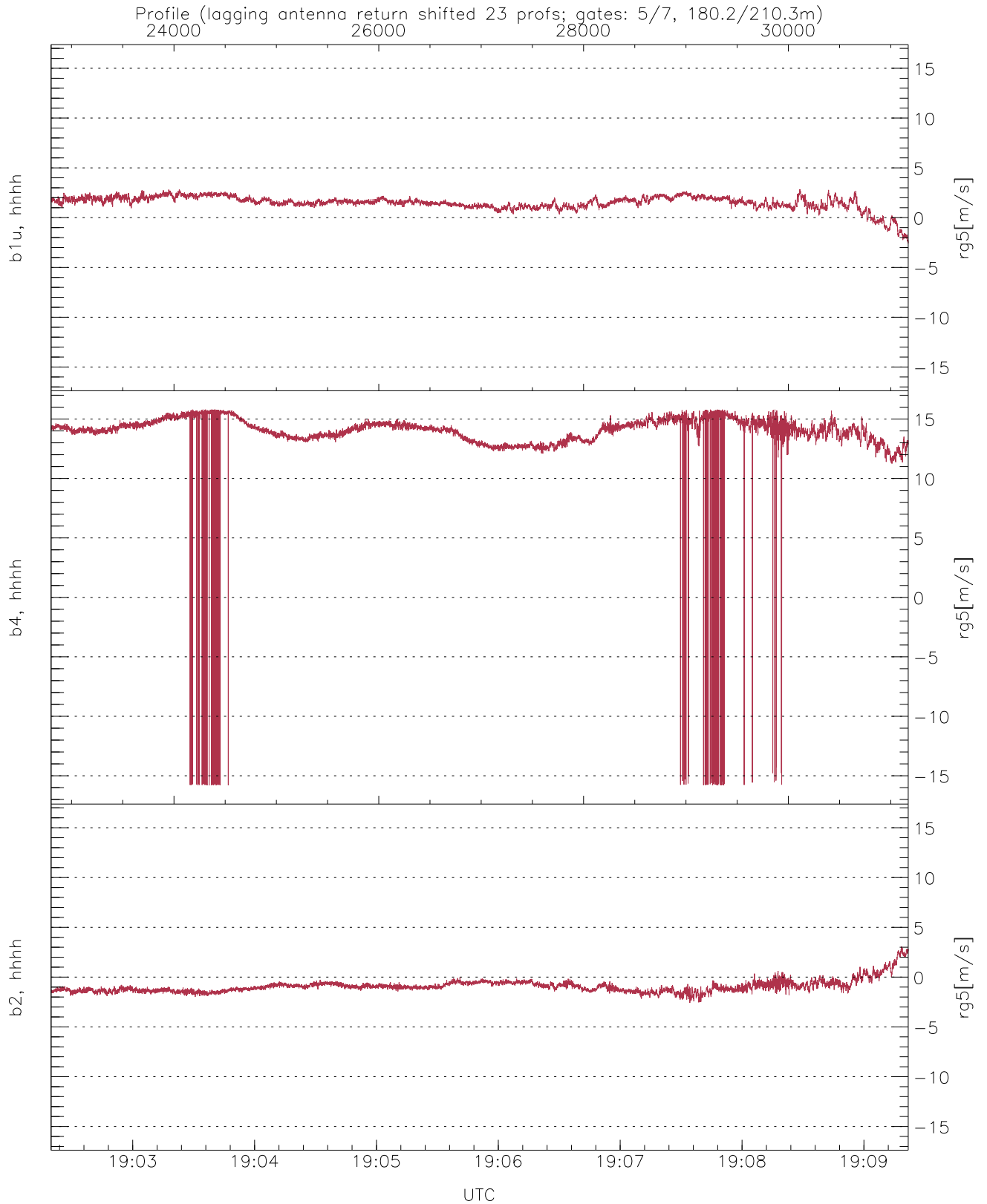
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-57.09	-24.67	-36.34
down-fore(hh[dBm])	-61.09	-33.29	-45.36
down(hh[dBm])	-60.92	-29.13	-42.67



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

	Min	Max	Mean
up/down (dB)	-16.41	30.99	7.09
down/down-fore (dB)	-8.75	18.03	4.33



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.57	2.83	1.50	0.69
b4, hhhh(rg5[m/s])	-15.80	15.80	13.75	3.25
b2, hhhh(rg5[m/s])	-2.57	3.05	-0.92	0.65