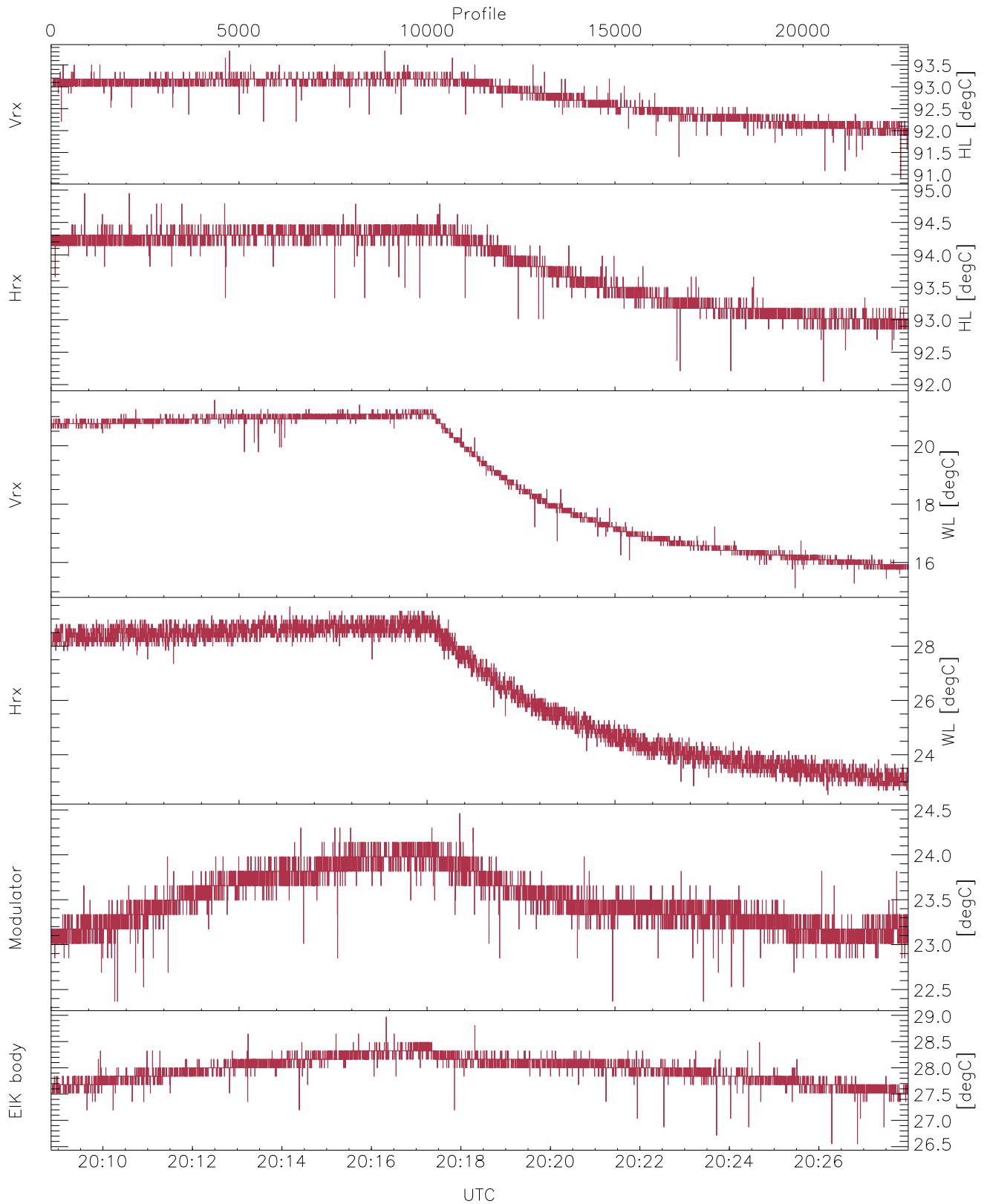


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

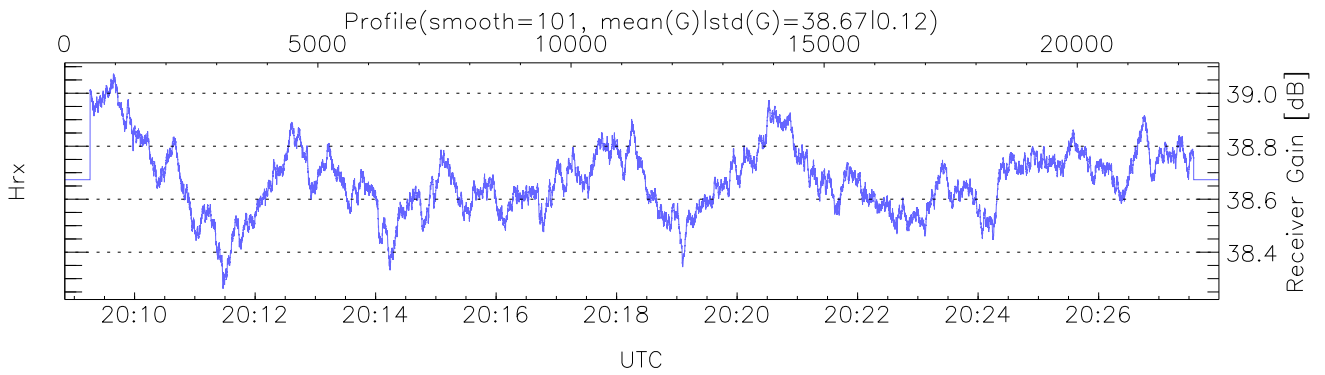
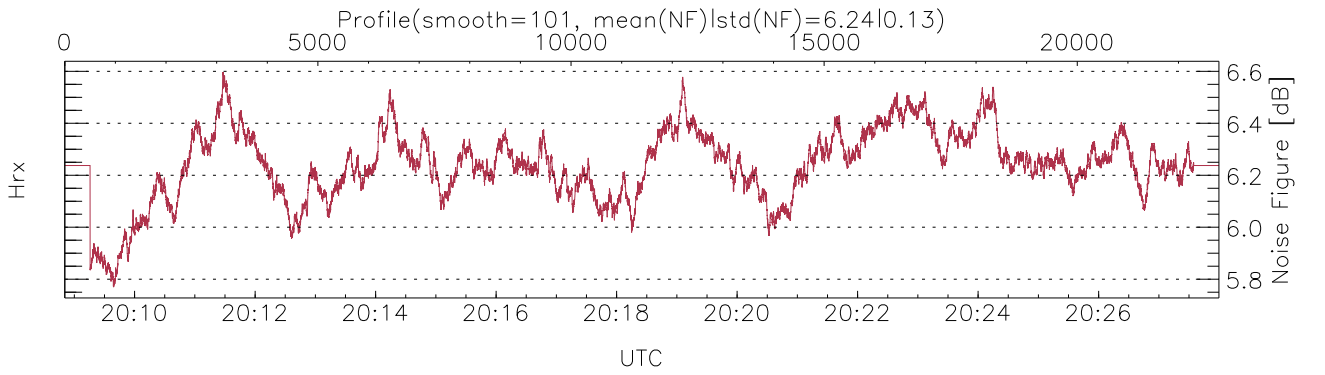
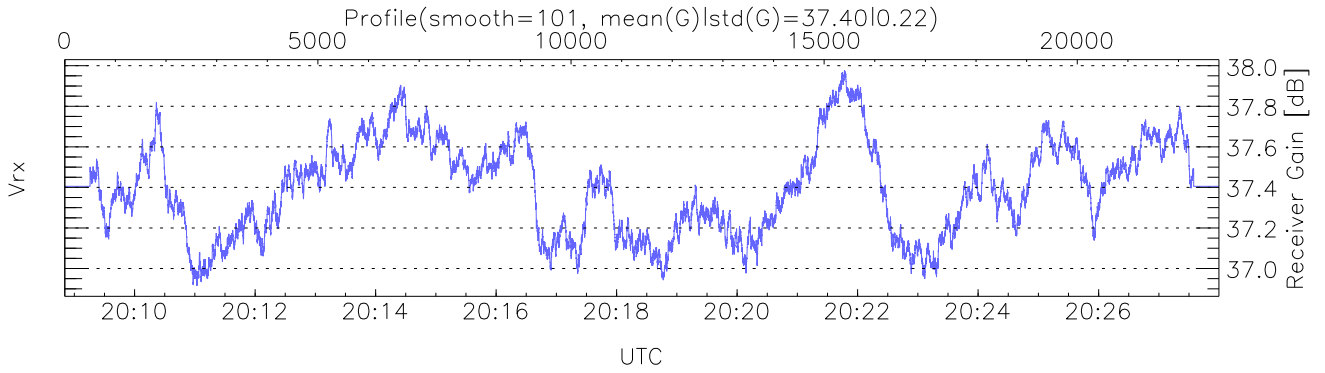
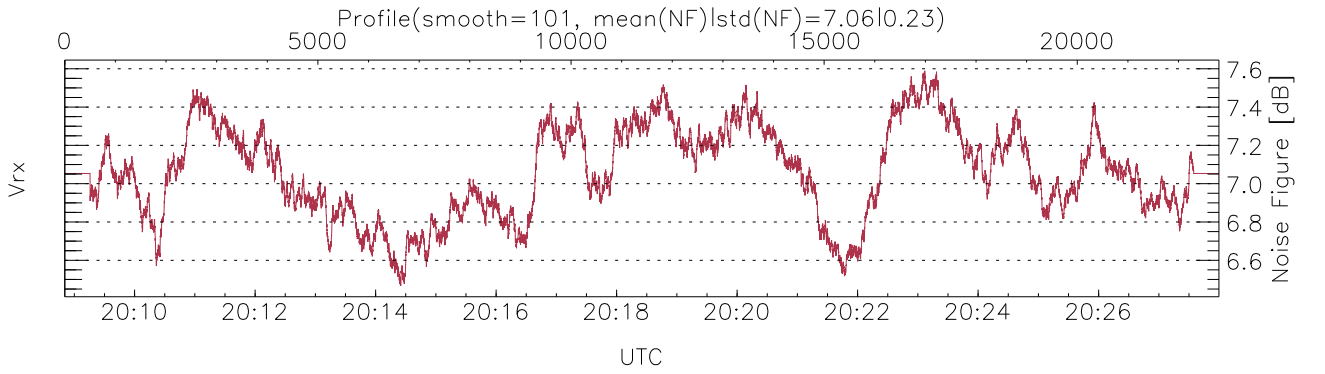
UTC: 20:08:50-20:48:24, Dur: 2373.88s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/47090, 0-22799/20:08:50-20:28:00
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

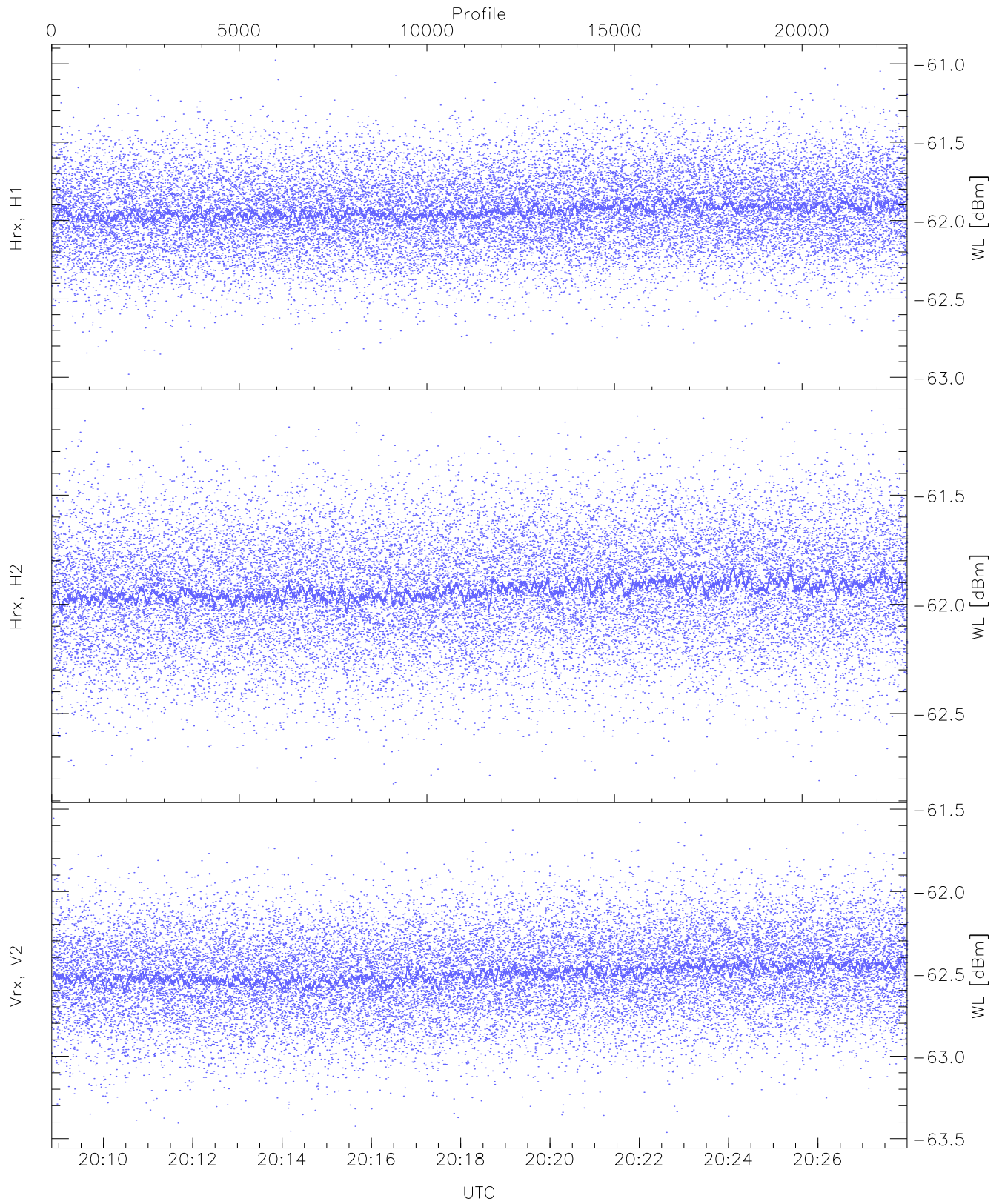
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,15,22,22,26
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,29,24,28
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (26,26,26,26,21,20)



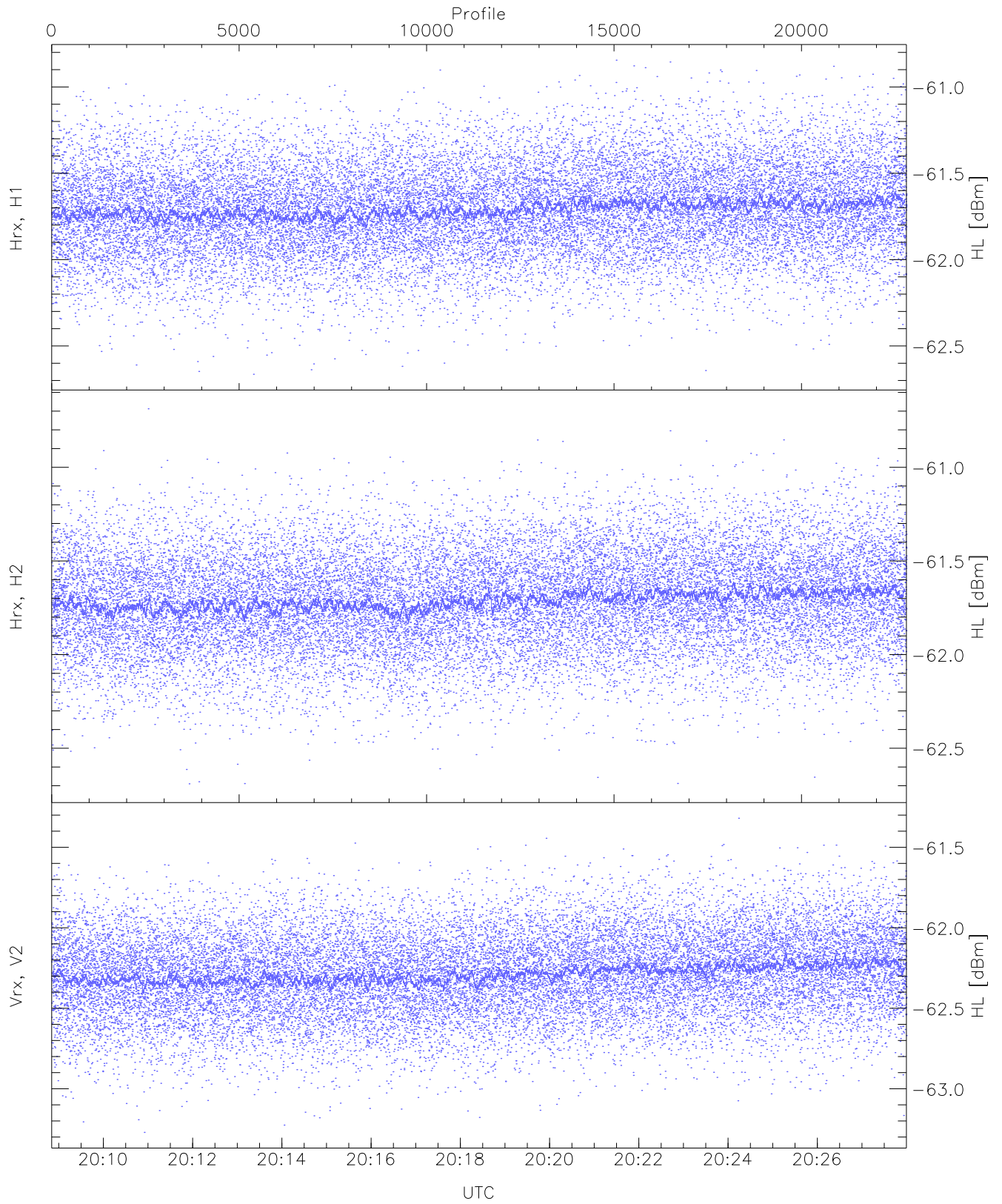
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1137 pixs, 3 gates, 1137 profs, 1 prods



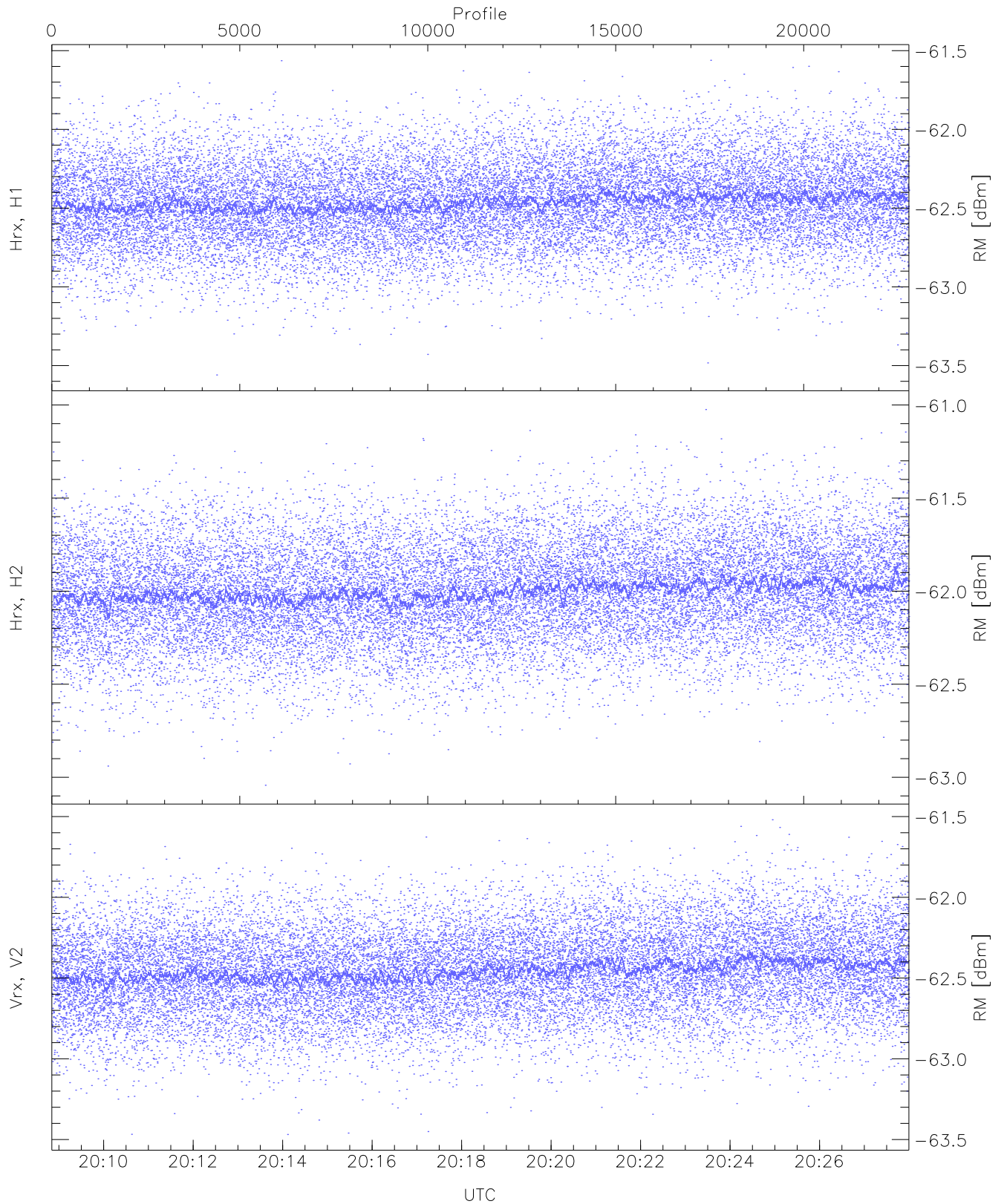
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.98	-60.98	-61.94	-61.94	-74.49
Hrx, H2 (WL [dBm])	-62.82	-61.10	-61.93	-61.93	-74.50
Vrx, V2 (WL [dBm])	-63.46	-61.56	-62.50	-62.50	-74.99



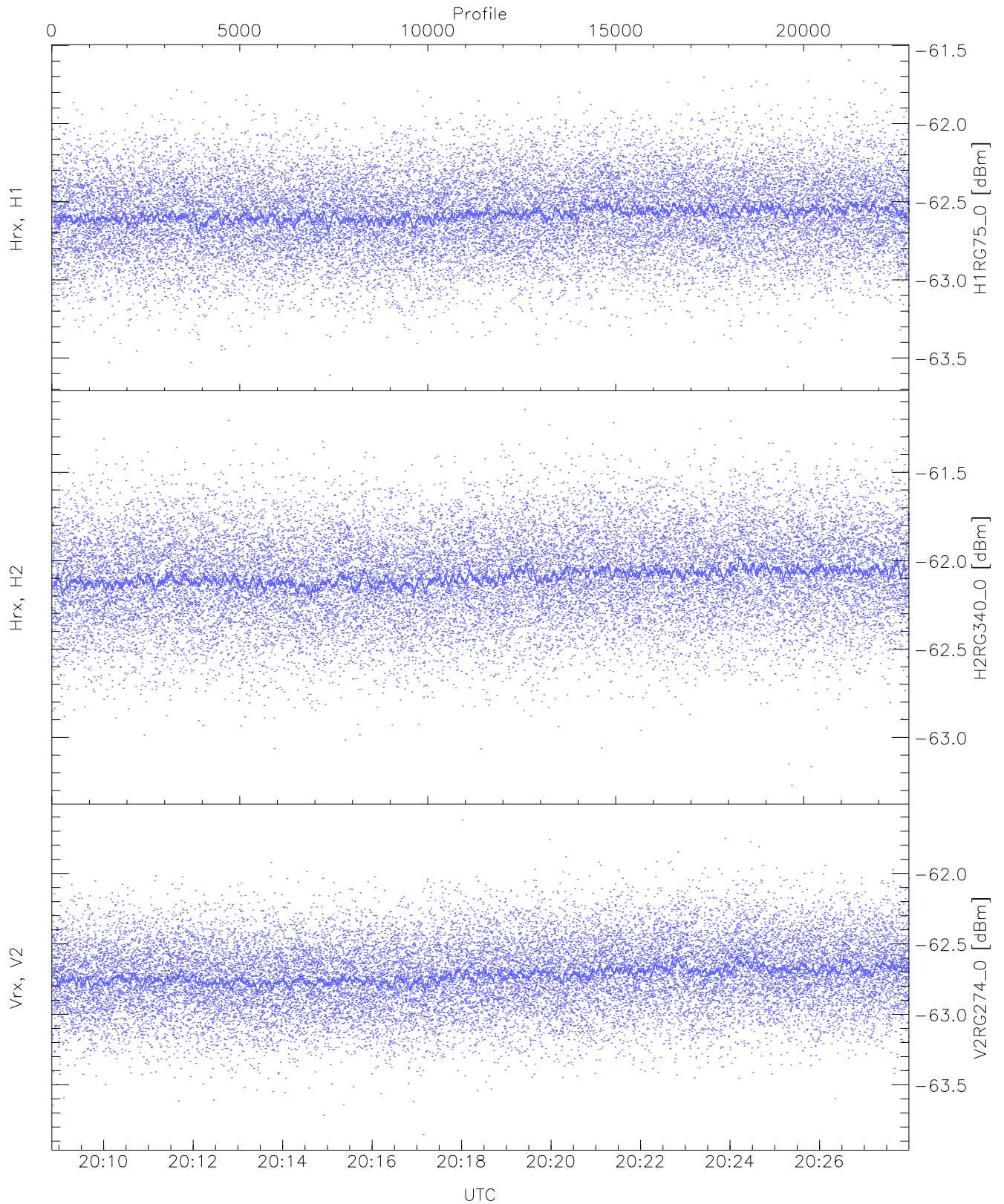
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.66	-60.85	-61.71	-61.71	-74.22
Hrx, H2 (HL [dBm])	-62.69	-60.69	-61.71	-61.71	-74.24
Vrx, V2 (HL [dBm])	-63.27	-61.32	-62.28	-62.29	-74.80



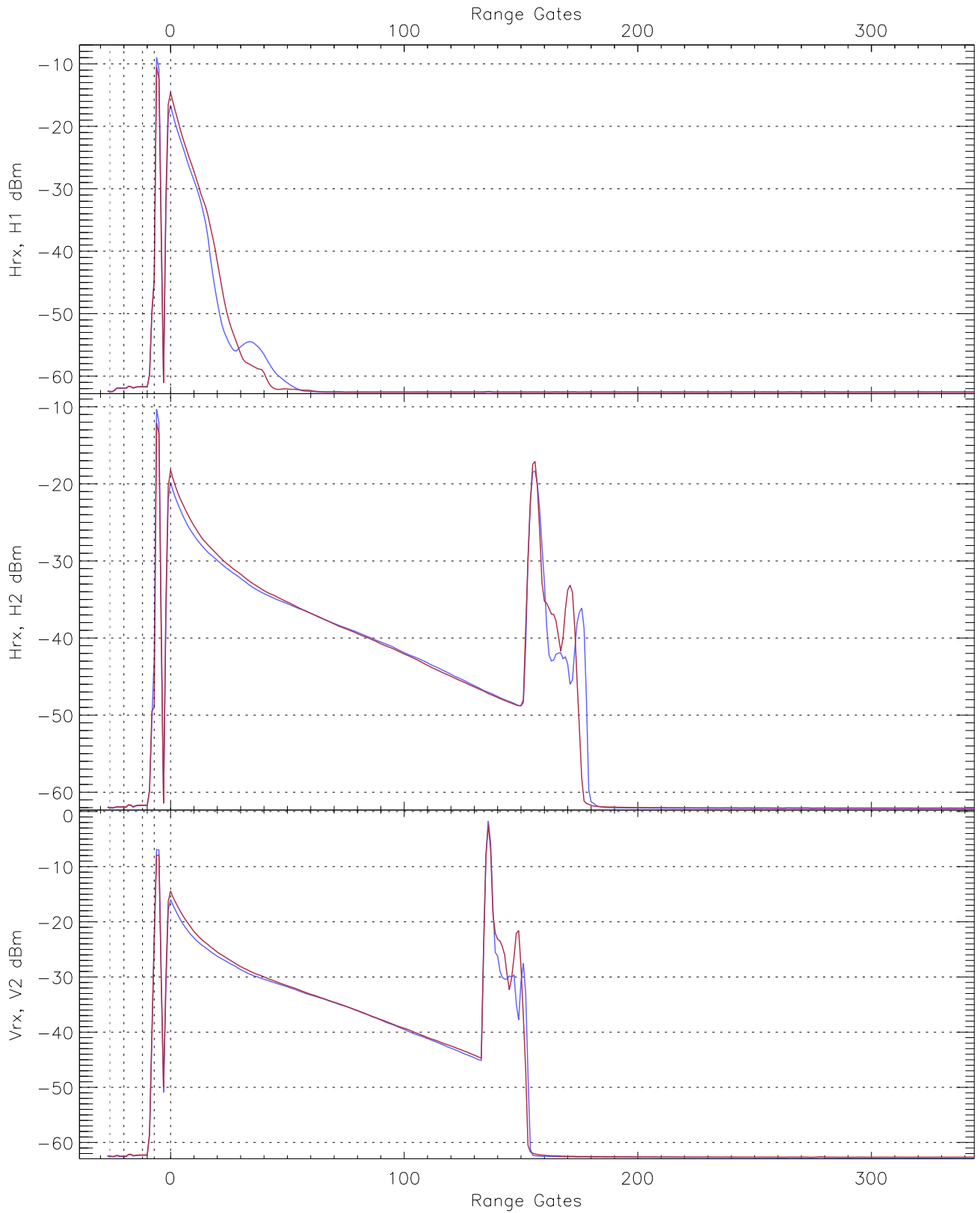
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.56	-61.56	-62.46	-62.47	-75.01
Hrx, H2(RM [dBm])	-63.04	-61.02	-62.00	-62.01	-74.55
Vrx, V2(RM [dBm])	-63.47	-61.52	-62.45	-62.46	-74.95

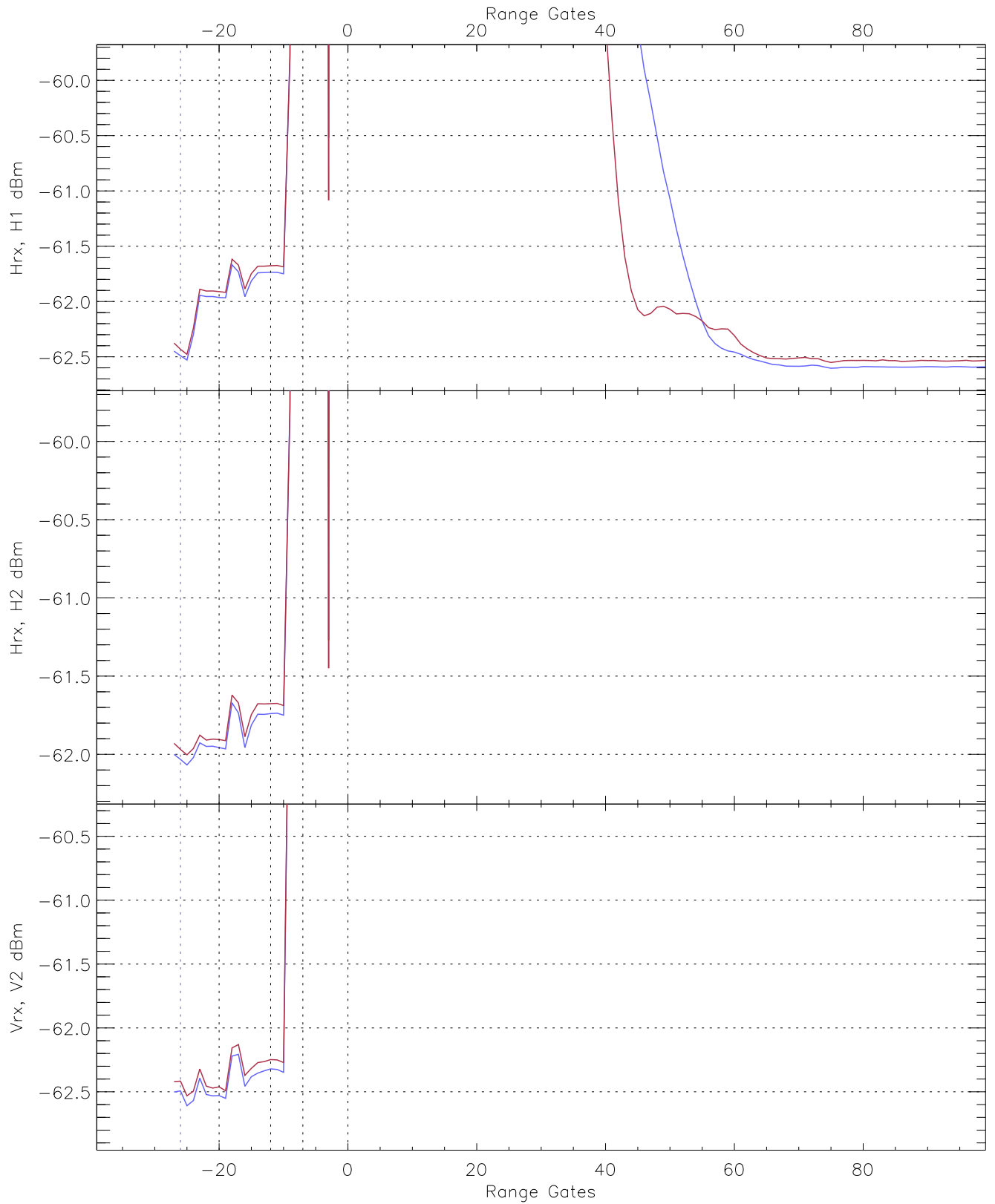


WCR2 CPP "Best" estimate Receivers Noise Power

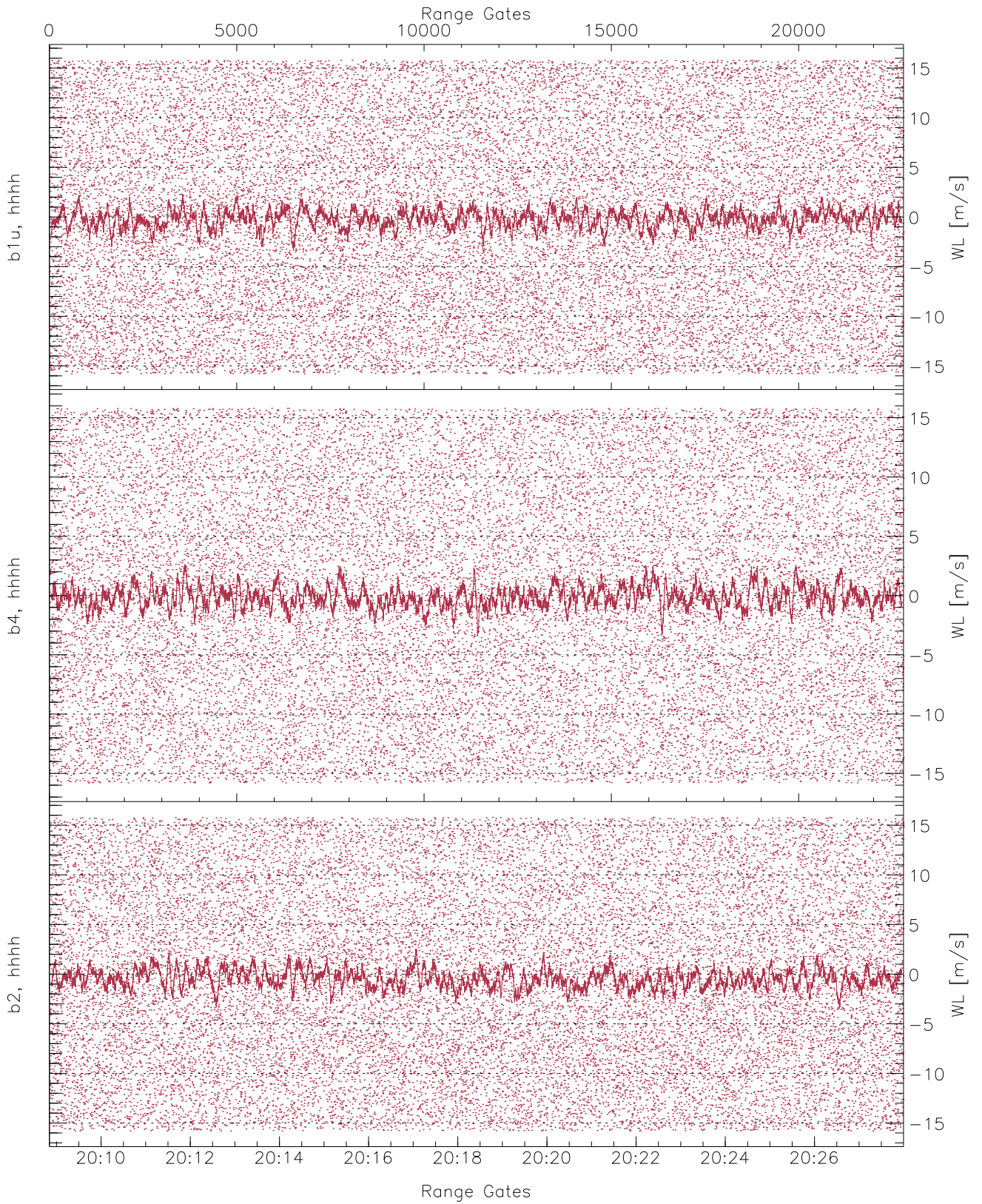
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.61	-61.60	-62.58	-62.58	-75.12
H2RG340_0 [dBm]	-63.27	-61.14	-62.09	-62.09	-74.60
V2RG274_0 [dBm]	-63.85	-61.62	-62.72	-62.72	-75.21



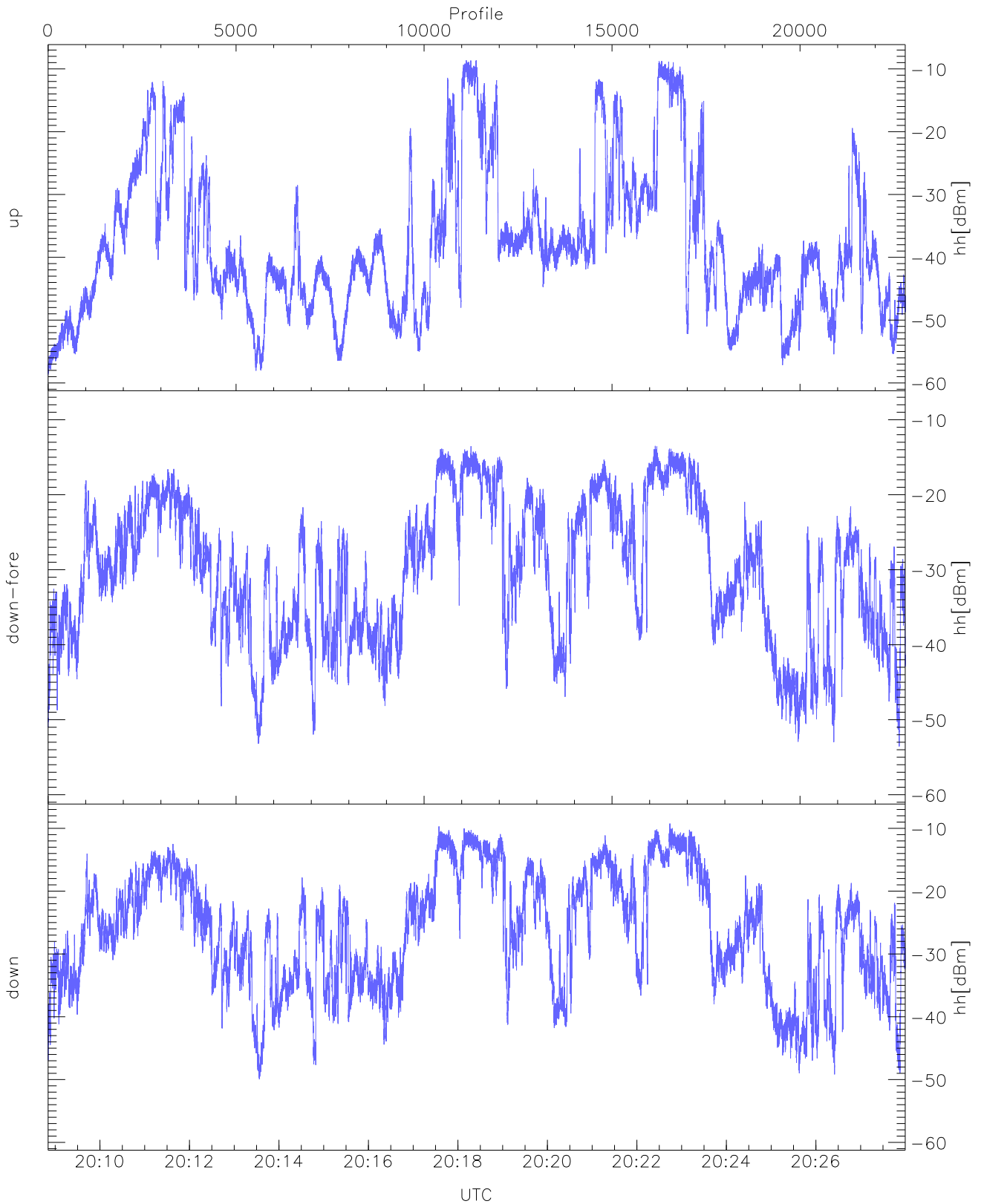
WCR2 CPP Averaged Received power for all recorded gates
blue: 200850-201825, 11401 profiles averaged
red: 201825-202800, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 200850-201825, 11401 profiles averaged
red: 201825-202800, 11400 profiles averaged

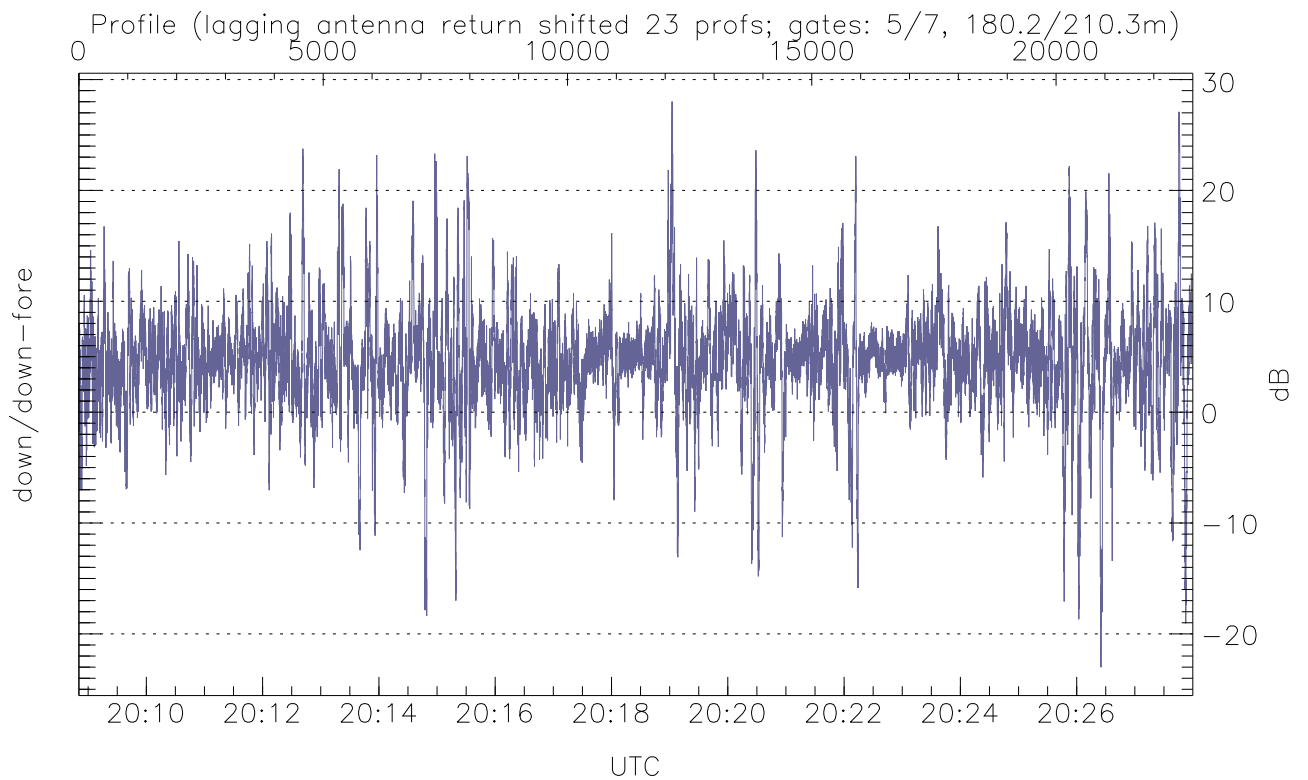
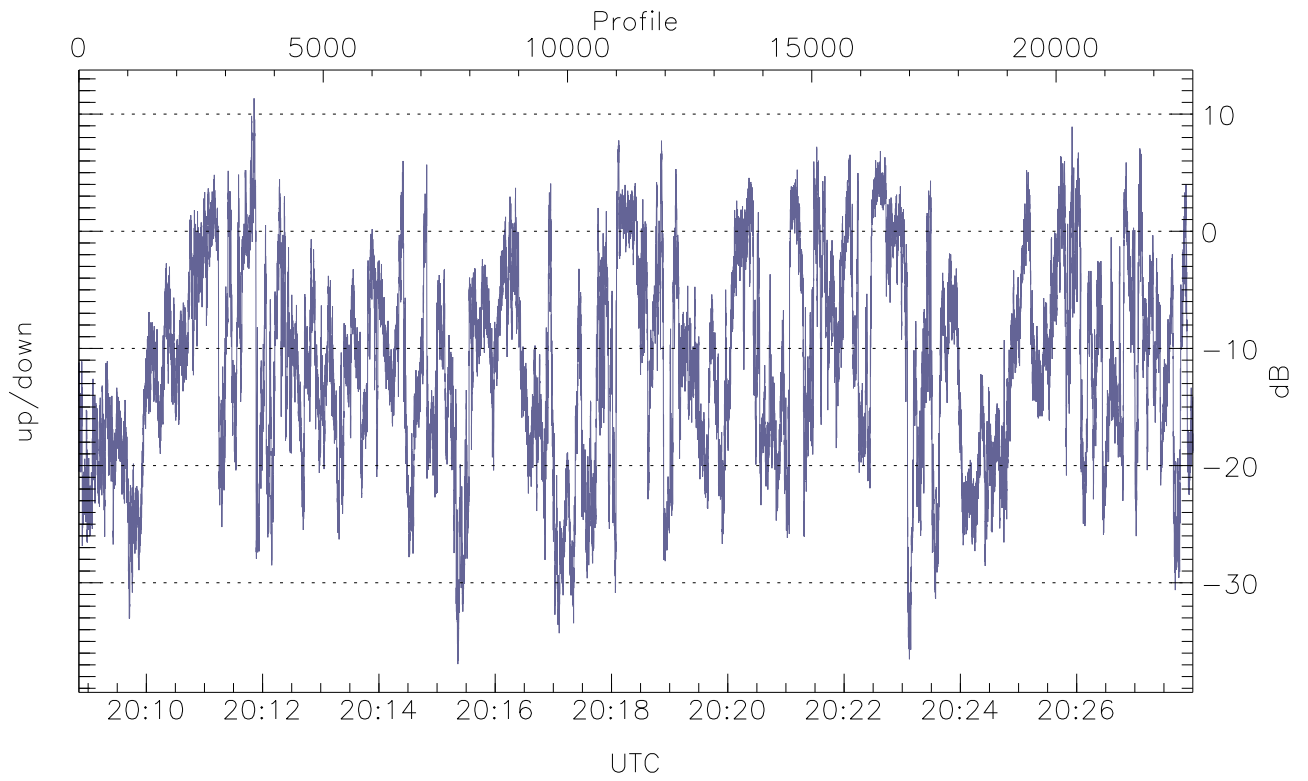


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



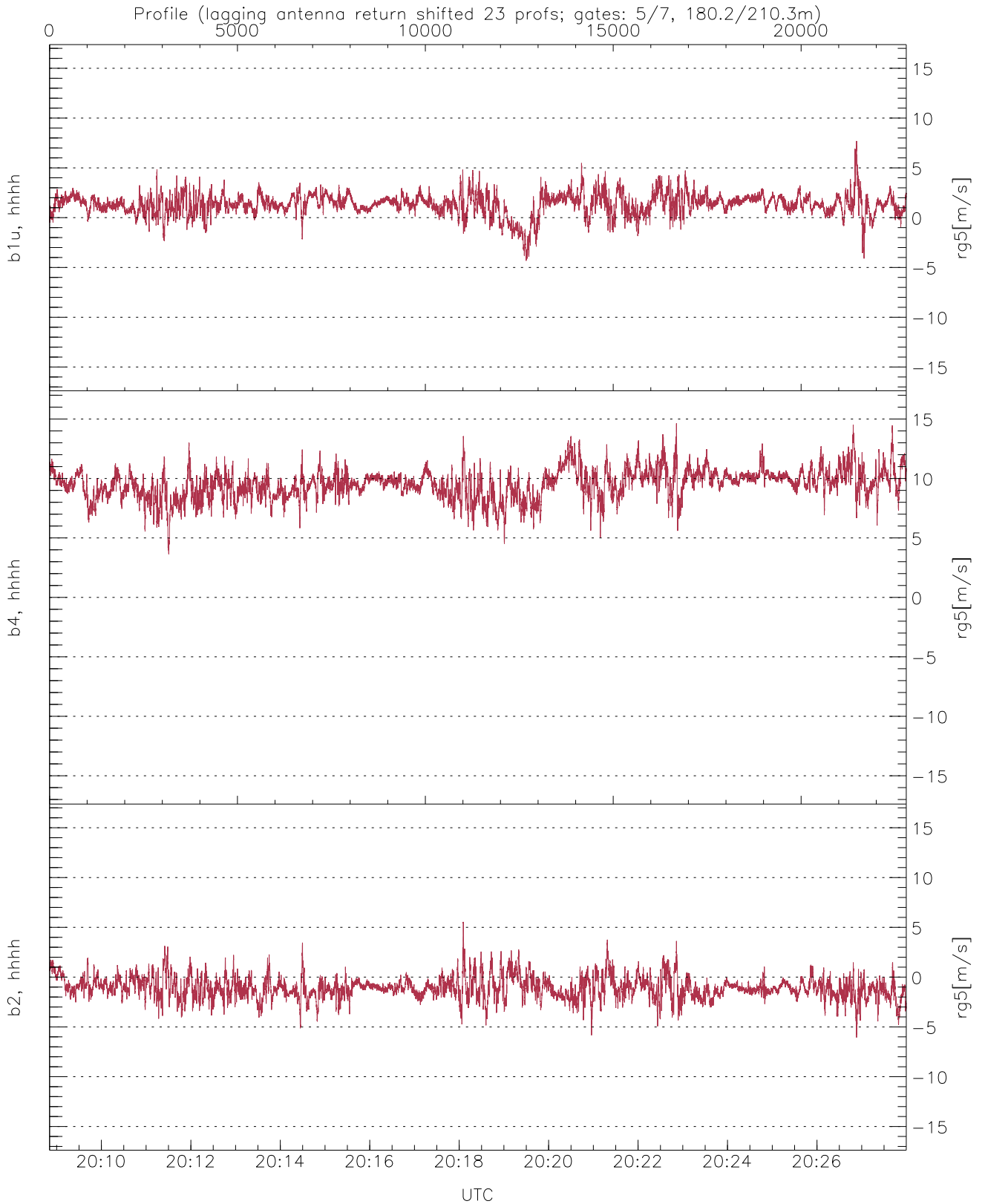
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-58.74	-8.64	-22.26
down-fore(hh[dBm])	-53.56	-13.49	-23.16
down(hh[dBm])	-49.96	-9.23	-19.39



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

	Min	Max	Mean
up/down (dB)	-36.94	11.34	-11.42
down/down-fore (dB)	-23.01	28.02	4.66



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-4.33	7.70	1.33	1.10
b4, hhhh(rg5[m/s])	3.64	14.63	9.53	1.24
b2, hhhh(rg5[m/s])	-6.06	5.55	-1.07	1.10