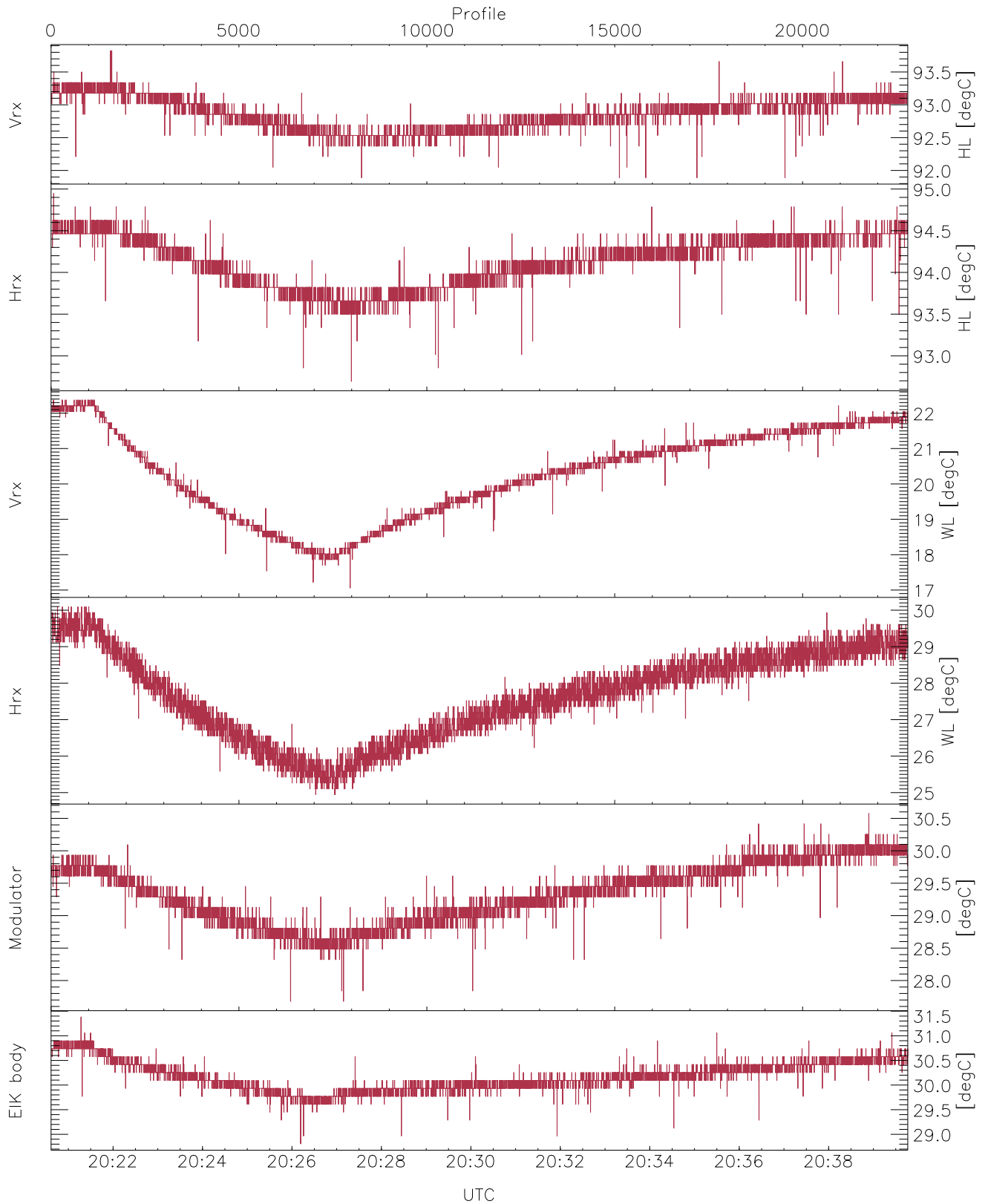


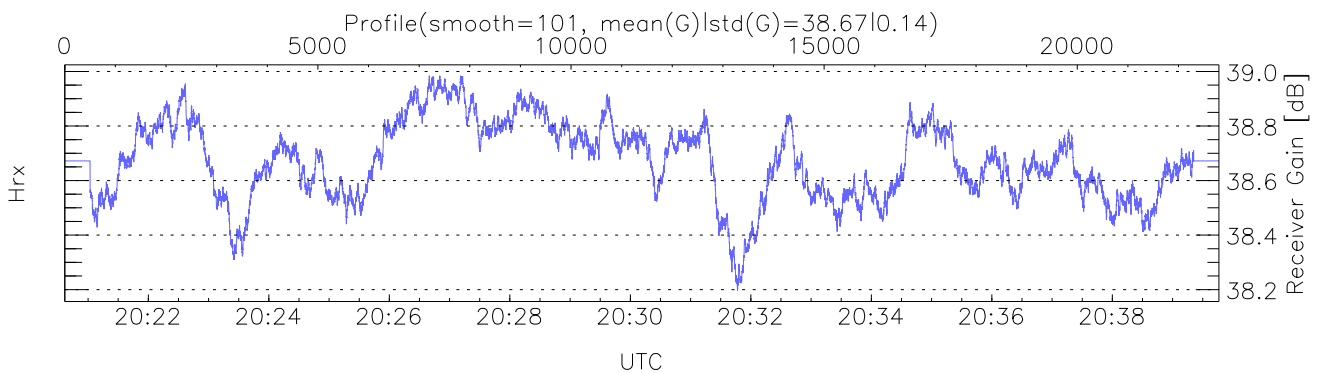
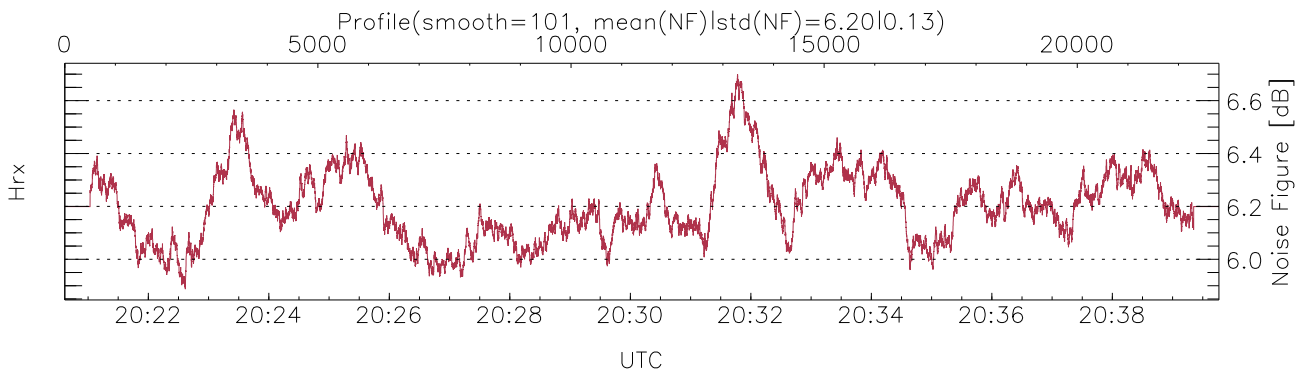
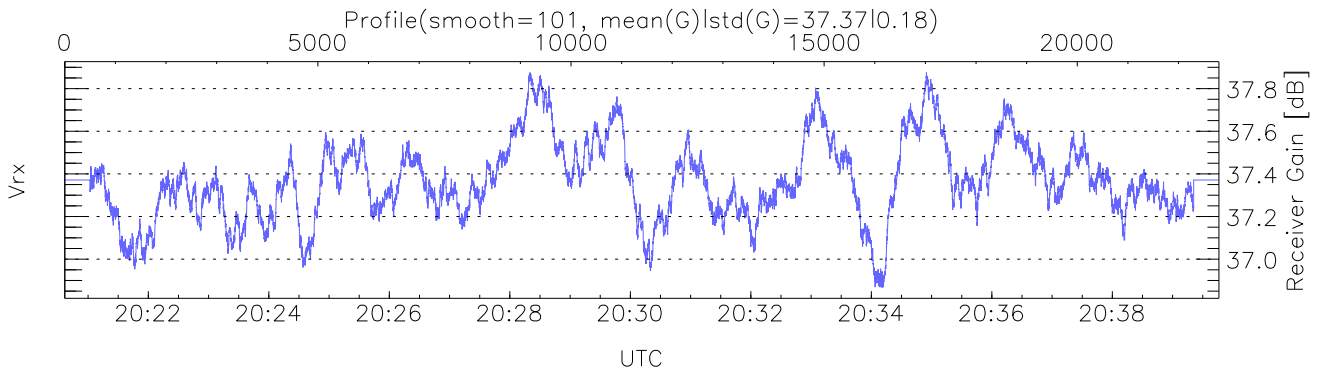
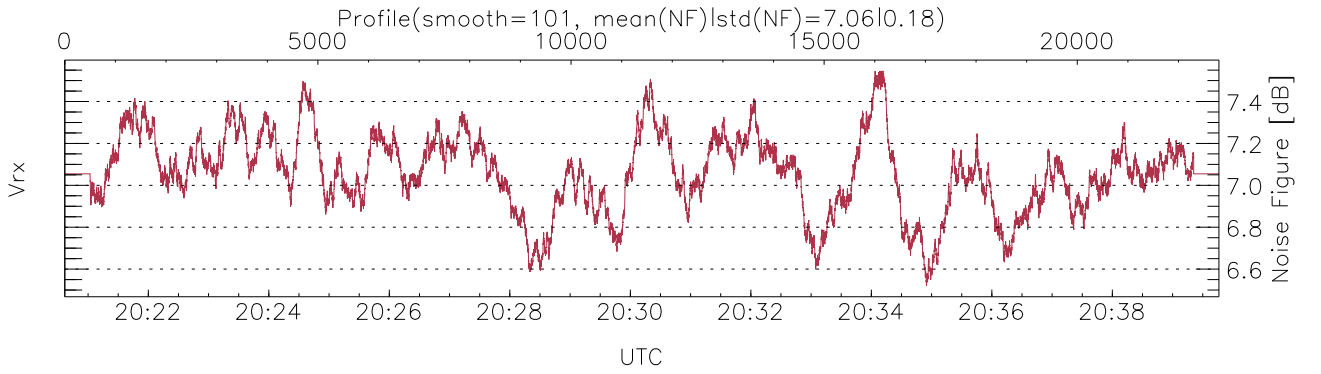
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:20:37-20:45:29, Dur: 1492.21s
 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): 22800/29601, 0-22799/20:20:37-20:39:46
 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



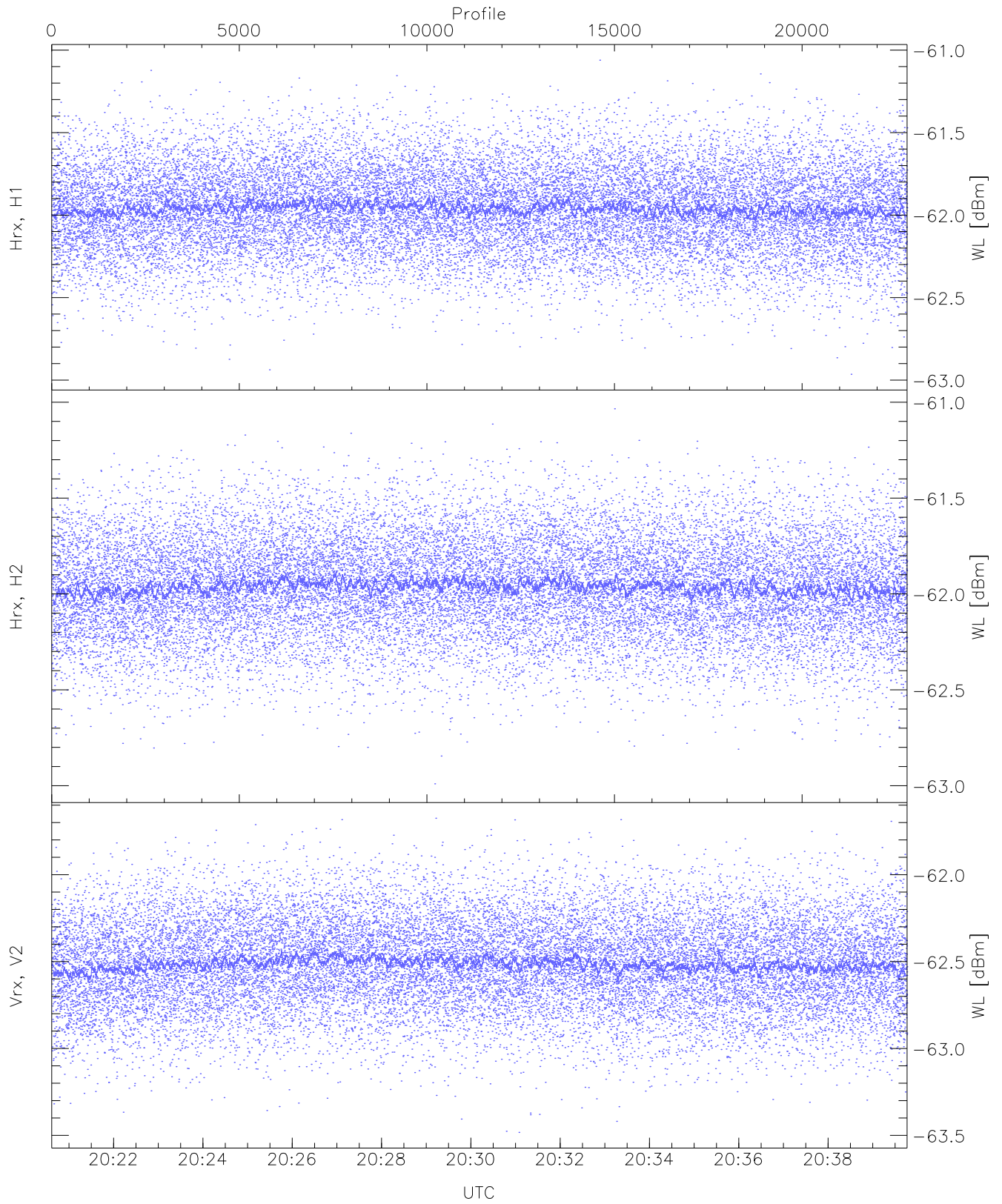
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,27,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,30,30,31
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,20)



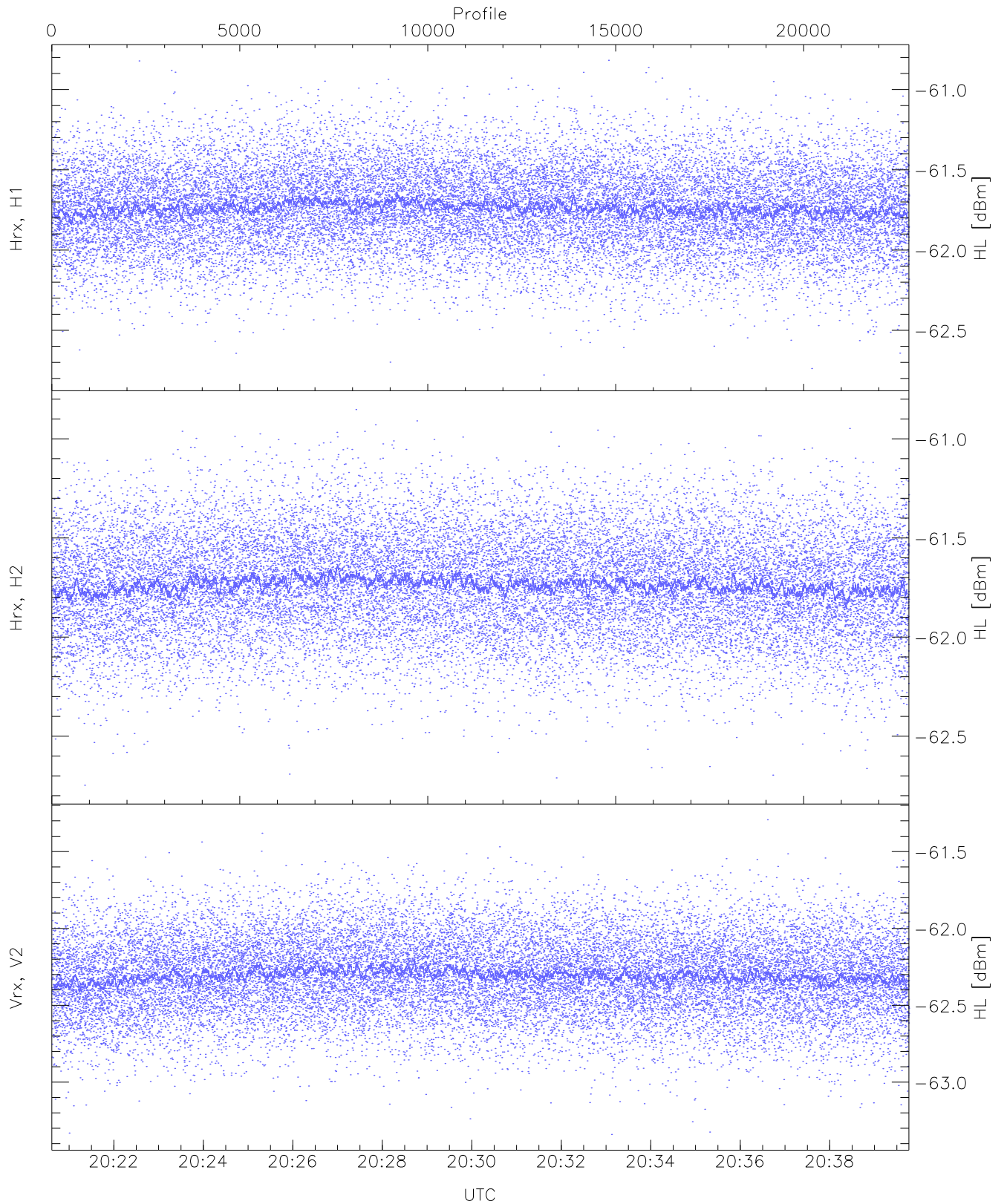
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 15476 pixs, 8 gates, 15447 profs, 1 prods



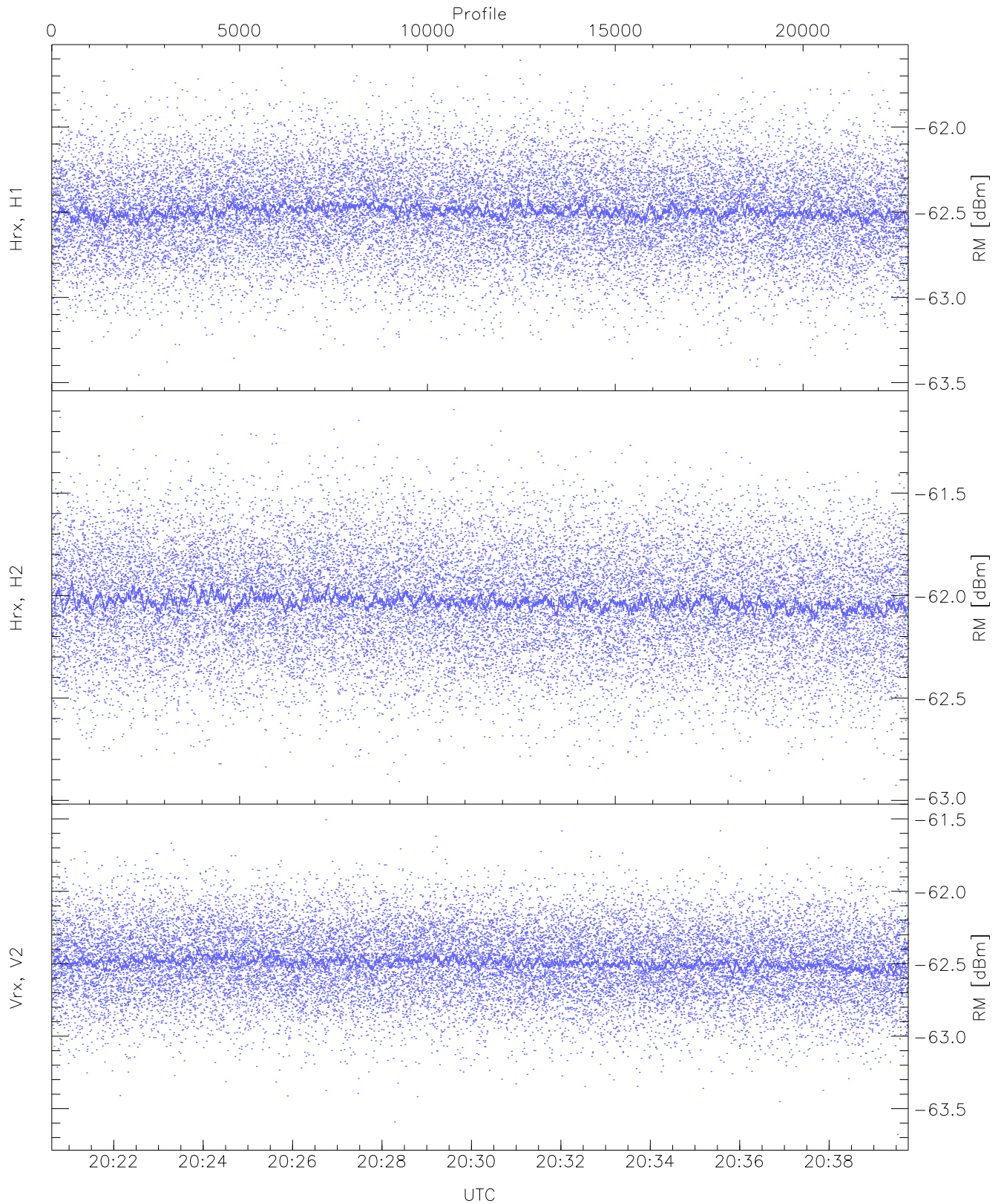
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.97	-61.06	-61.96	-61.96	-74.53
Hrx, H2(WL [dBm])	-62.99	-61.03	-61.96	-61.97	-74.55
Vrx, V2(WL [dBm])	-63.48	-61.68	-62.51	-62.52	-75.05



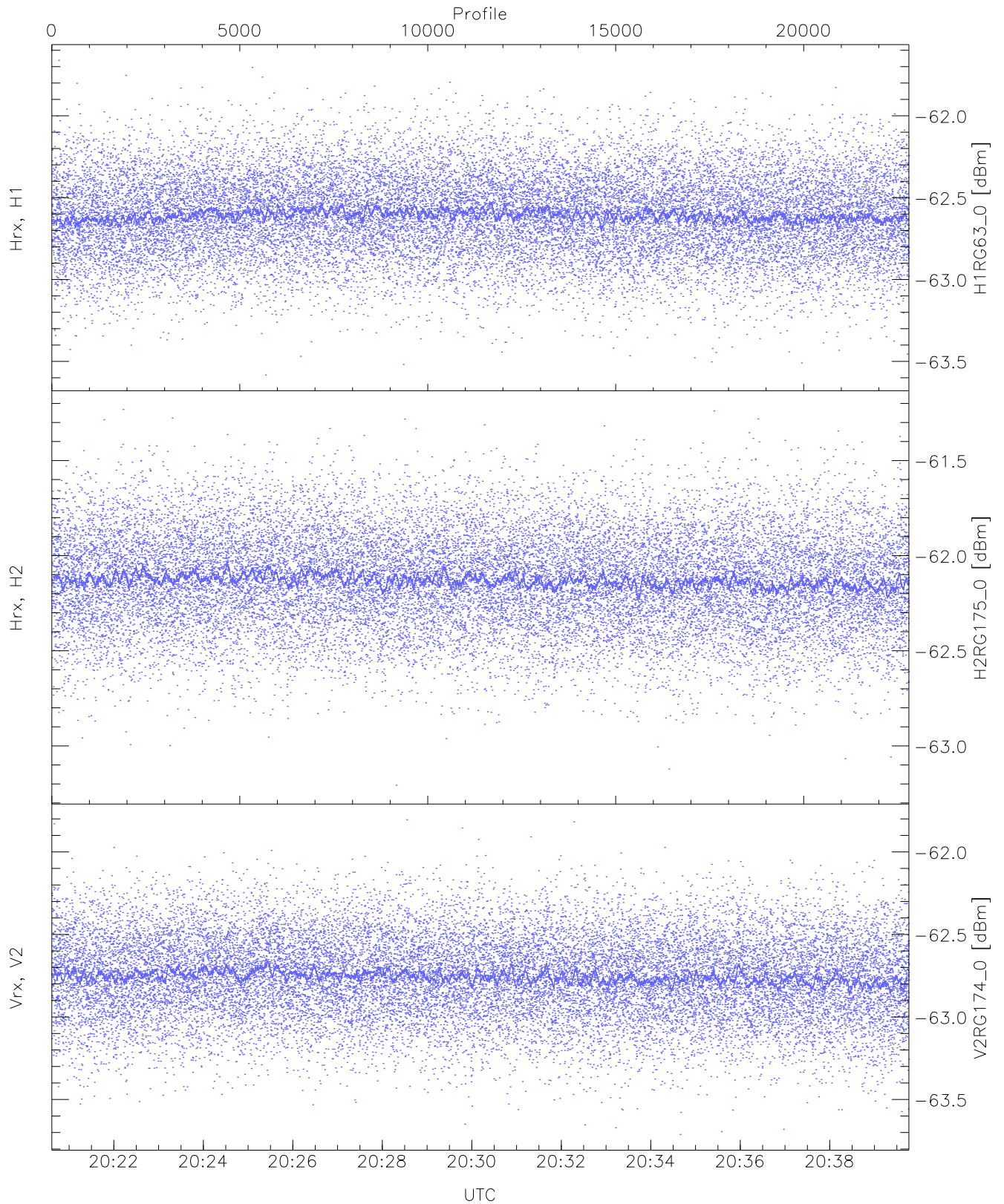
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.78	-60.82	-61.74	-61.74	-74.28
Hrx, H2 (HL [dBm])	-62.75	-60.85	-61.73	-61.74	-74.30
Vrx, V2 (HL [dBm])	-63.34	-61.29	-62.30	-62.31	-74.86



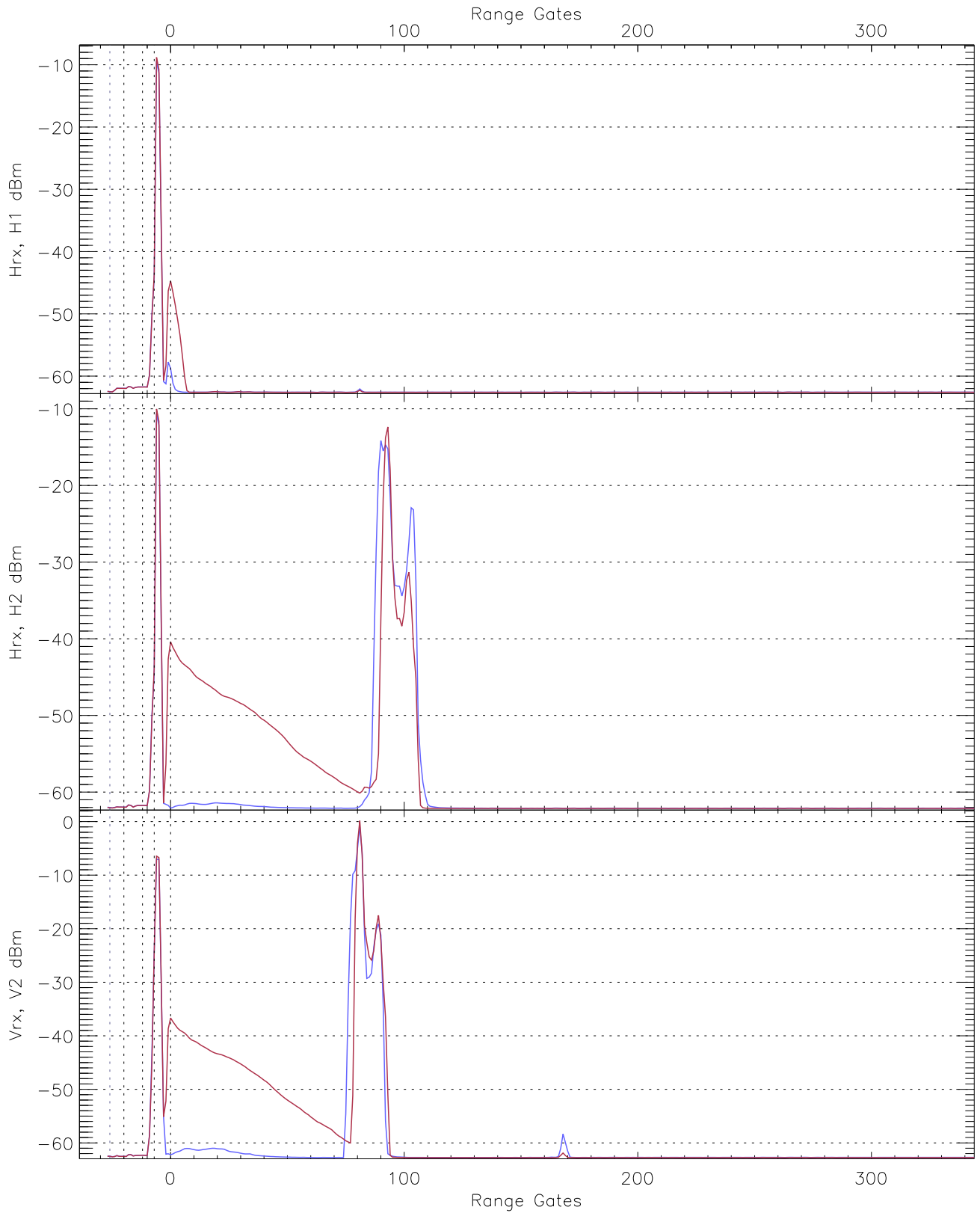
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.46	-61.61	-62.49	-62.50	-75.06
Hrx, H2(RM [dBm])	-62.93	-61.09	-62.03	-62.03	-74.54
Vrx, V2(RM [dBm])	-63.68	-61.51	-62.49	-62.49	-75.03

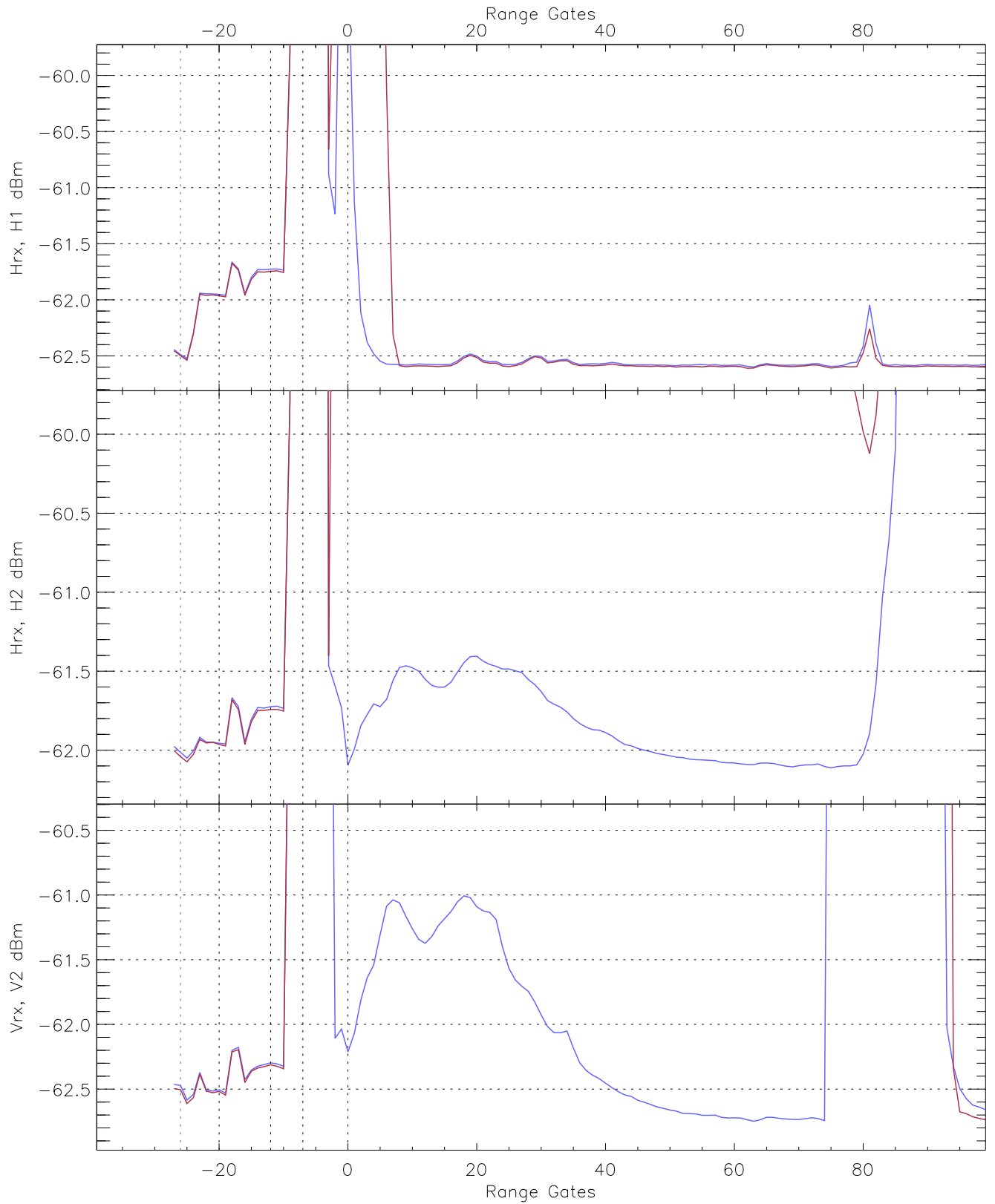


WCR2 CPP "Best" estimate Receivers Noise Power

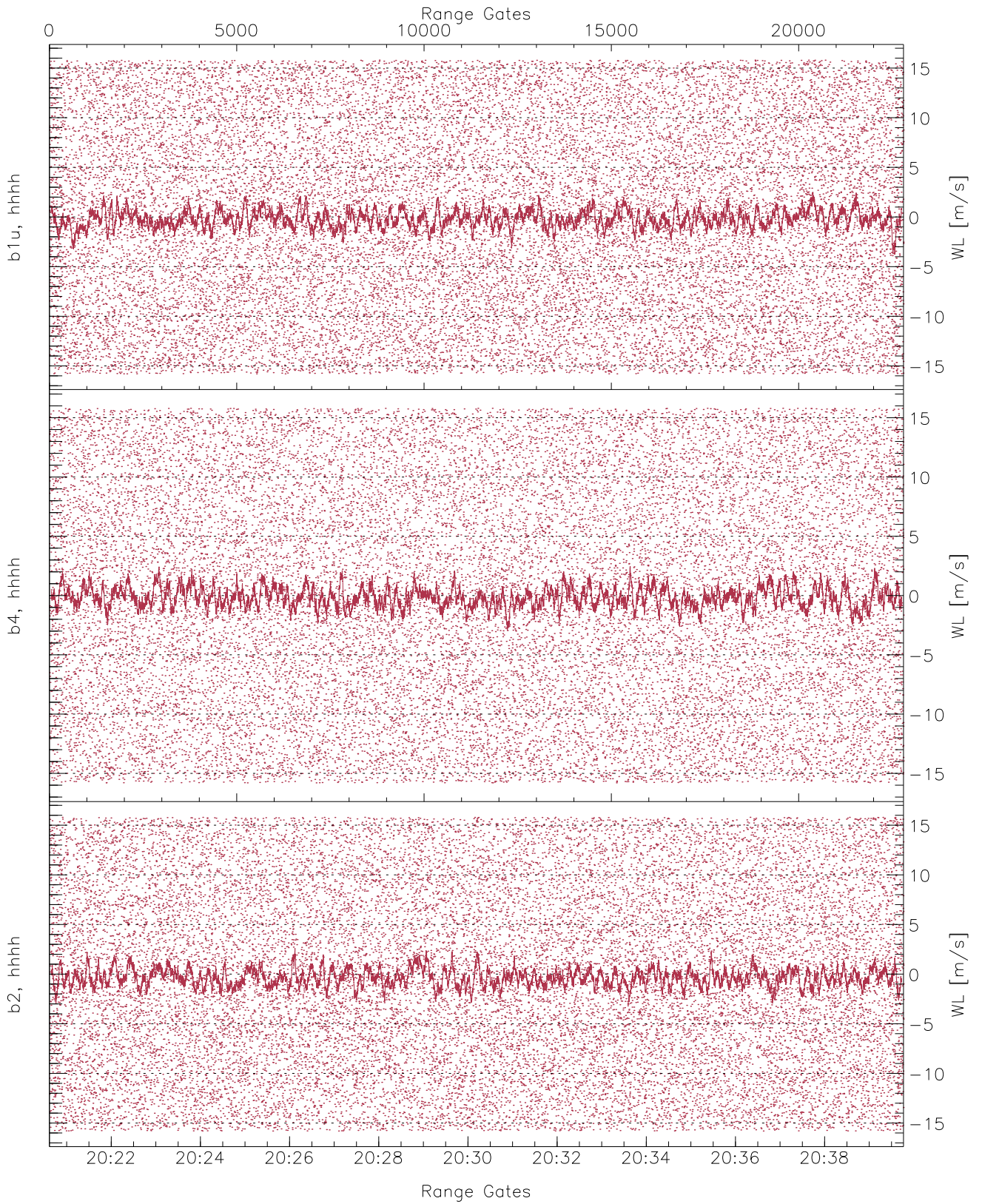
	Min	Max	Mean	Median	StDev
H1RG63_0 [dBm]	-63.58	-61.66	-62.60	-62.61	-75.14
H2RG175_0 [dBm]	-63.21	-61.23	-62.13	-62.13	-74.67
V2RG174_0 [dBm]	-63.71	-61.81	-62.75	-62.76	-75.29



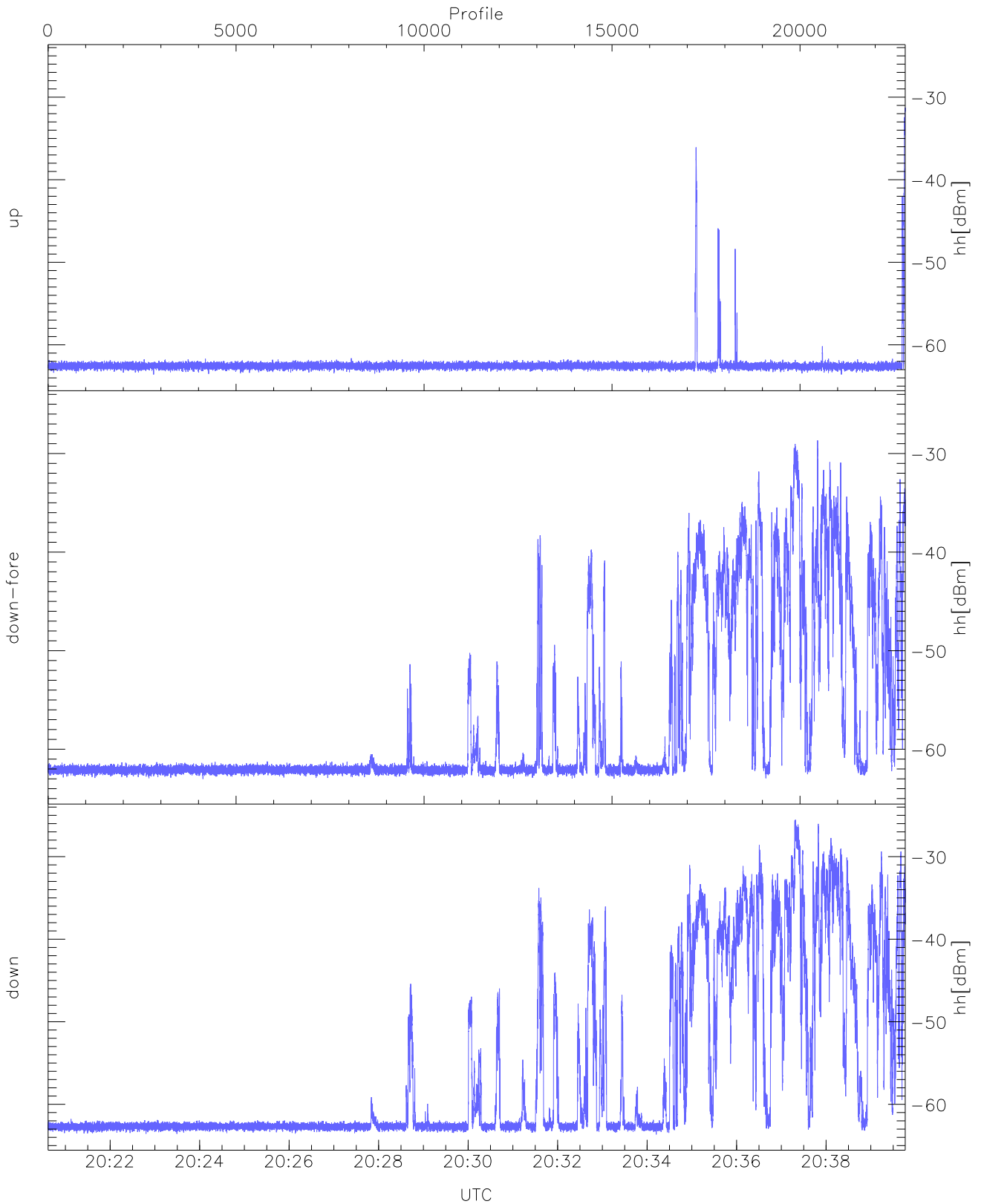
WCR2 CPP Averaged Received power for all recorded gates
blue: 202037-203011, 11401 profiles averaged
red: 203011-203946, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 202037-203011, 11401 profiles averaged
red: 203011-203946, 11400 profiles averaged

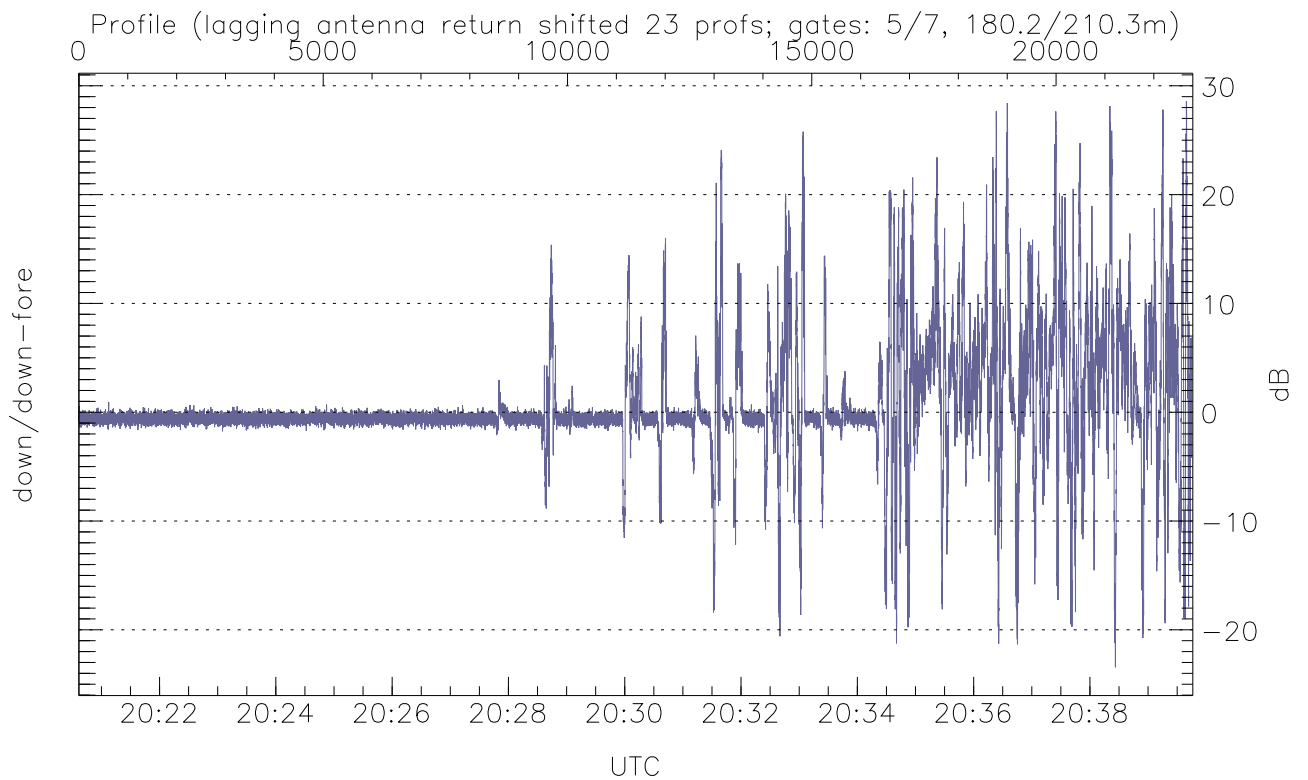
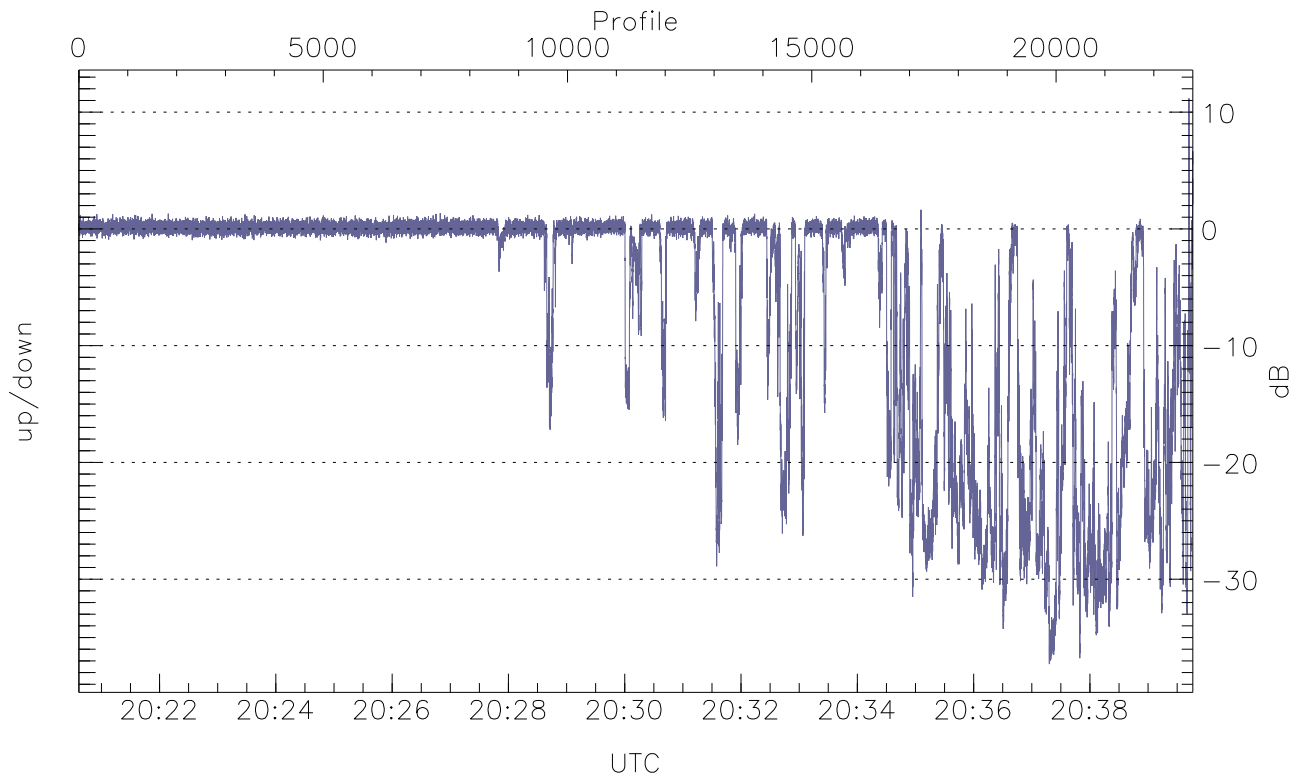


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



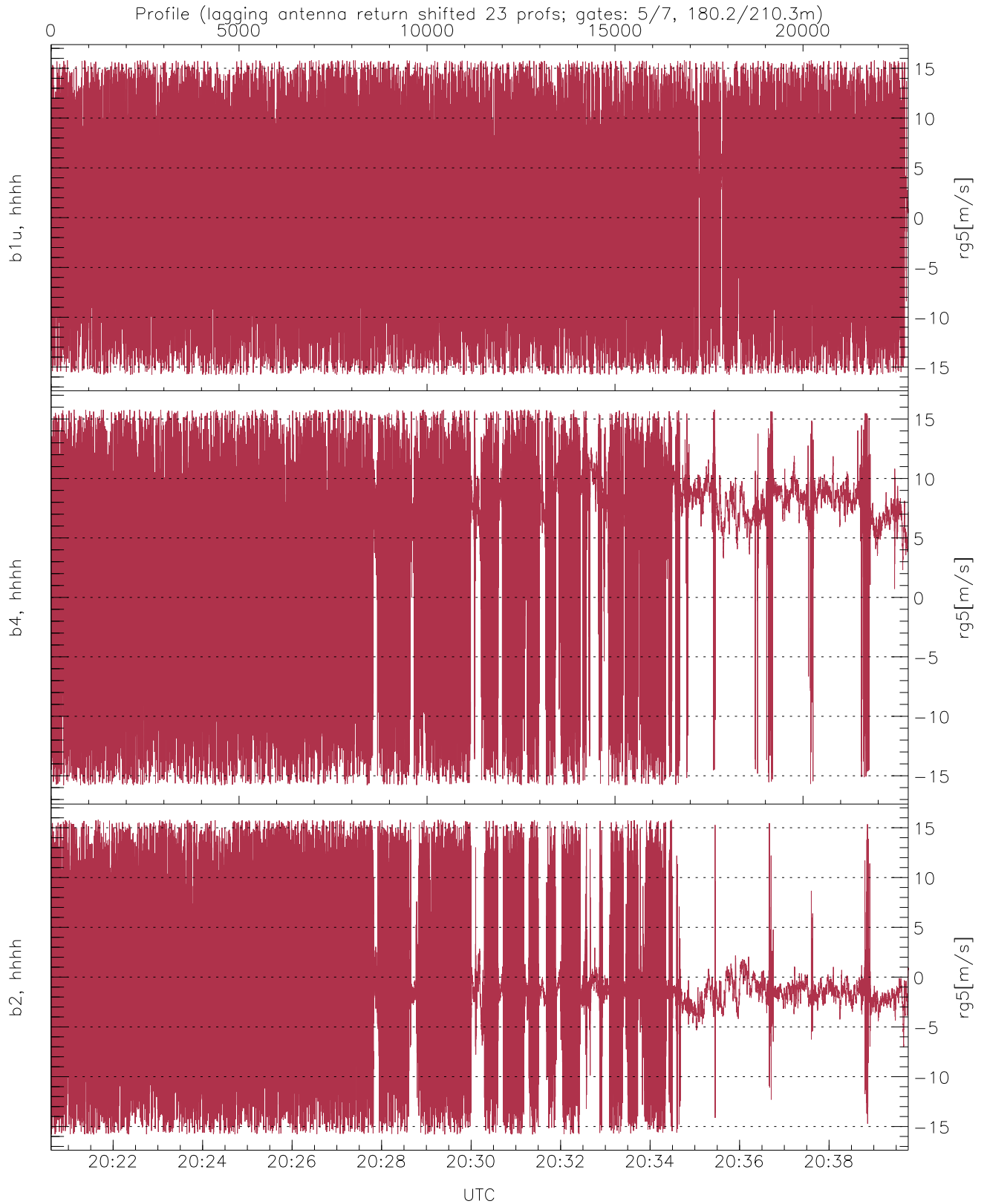
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.59	-31.27	-58.59
down-fore(hh[dBm])	-63.02	-28.67	-46.11
down(hh[dBm])	-63.65	-25.54	-42.20



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

	Min	Max	Mean
up/down (dB)	-37.27	11.19	-6.05
down/down-fore (dB)	-23.44	28.56	0.78



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.19	8.77
b4, hhhh(rg5[m/s])	-15.80	15.80	2.65	8.29
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.87	7.18