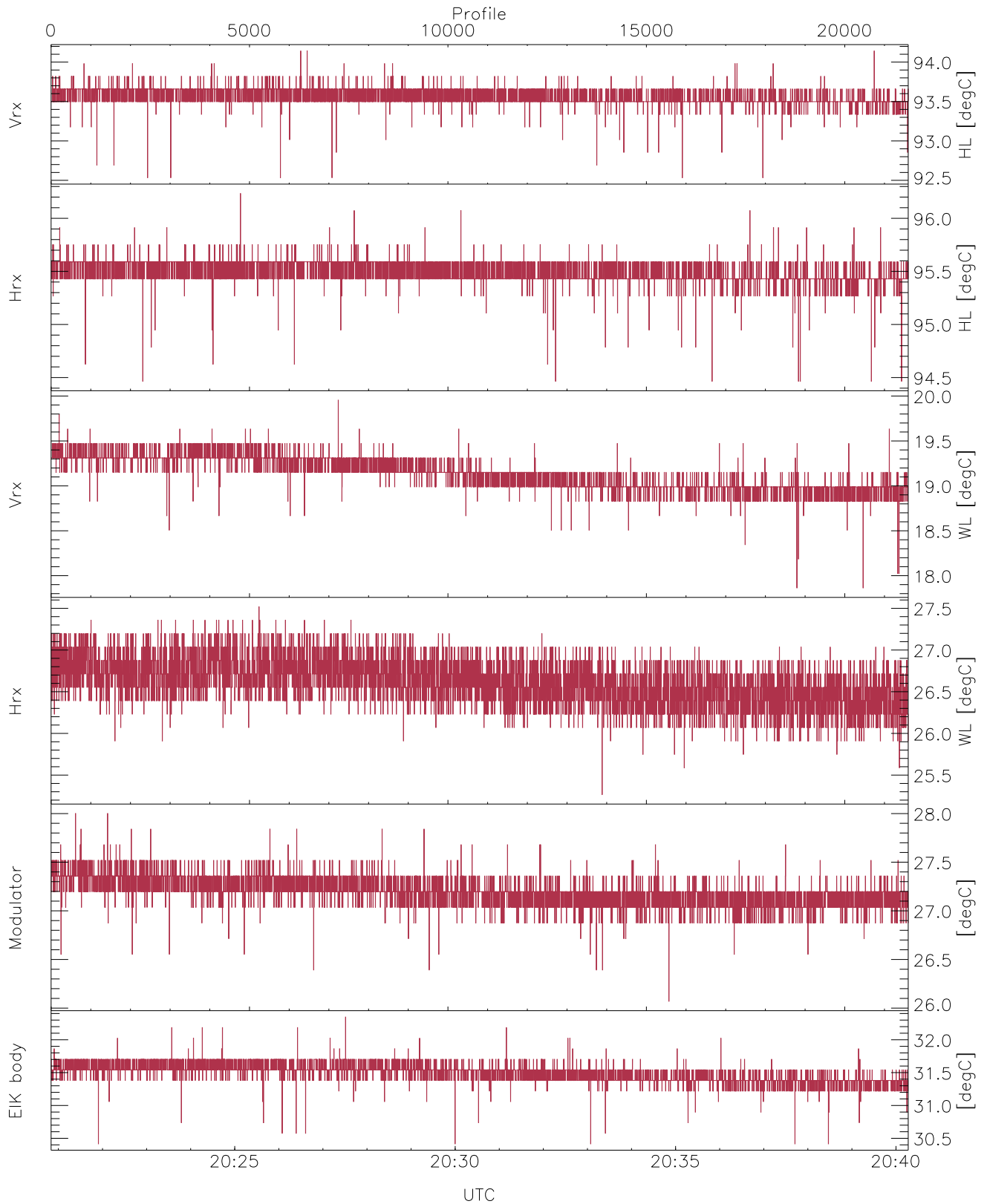


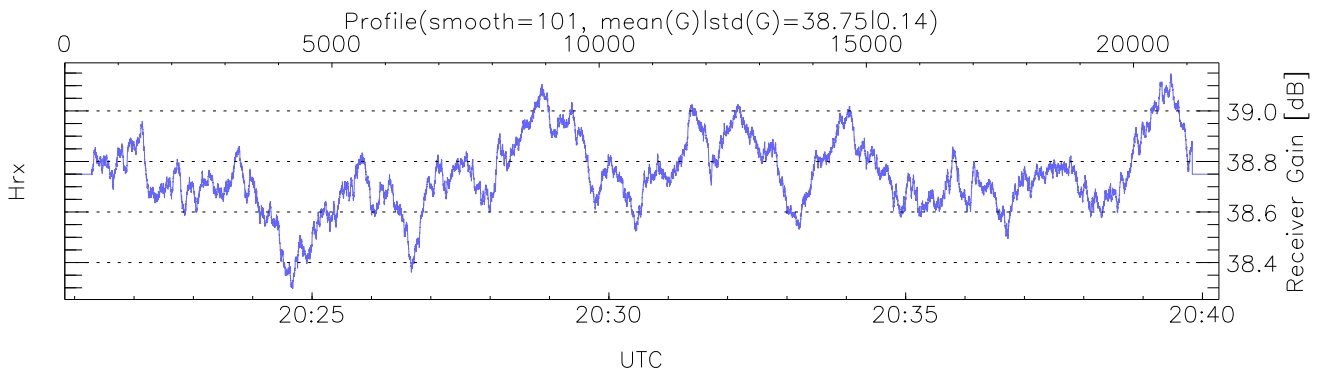
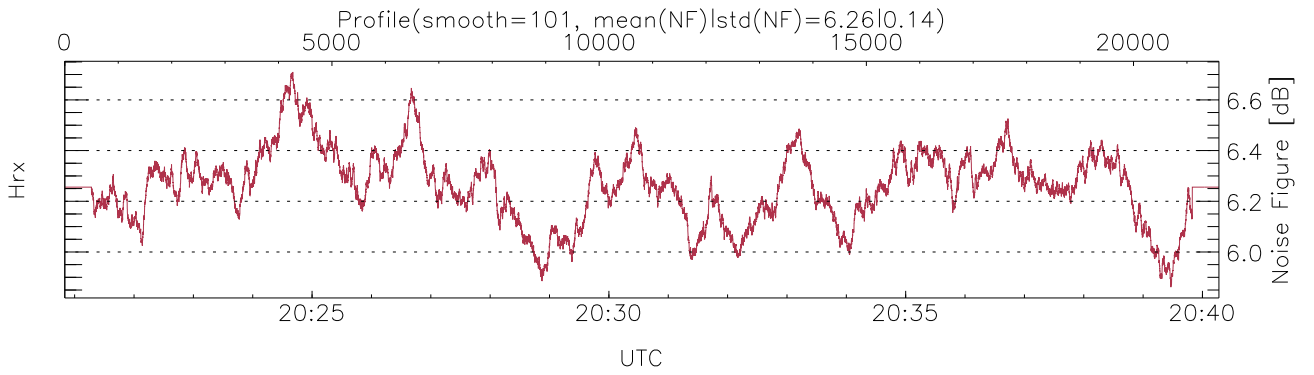
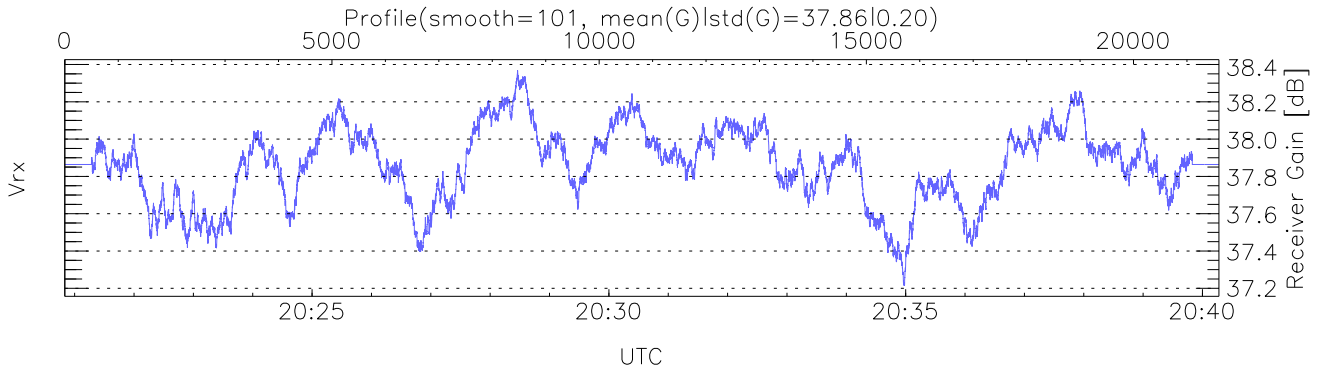
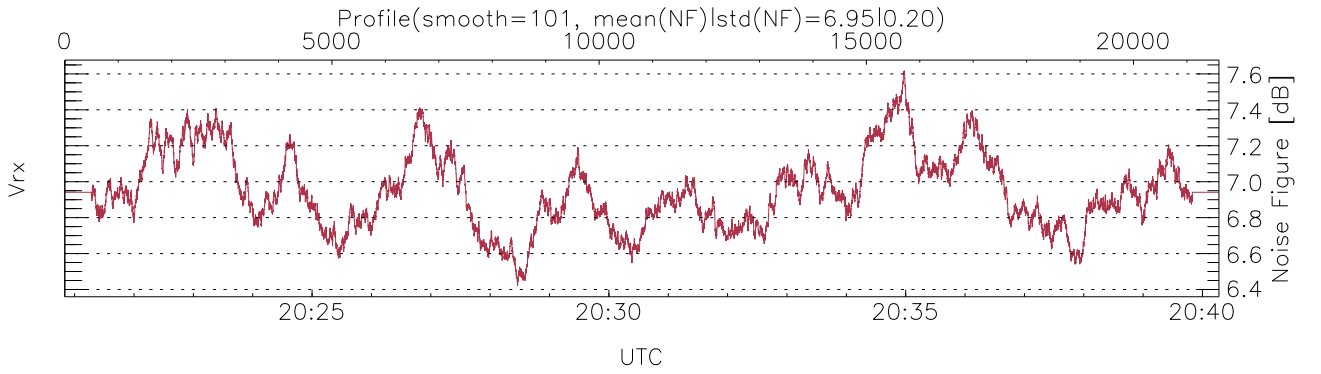
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:20:50-20:46:31, Dur: 1540.84s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/28528, 0-21599/20:20:50-20:40:17
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, 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): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



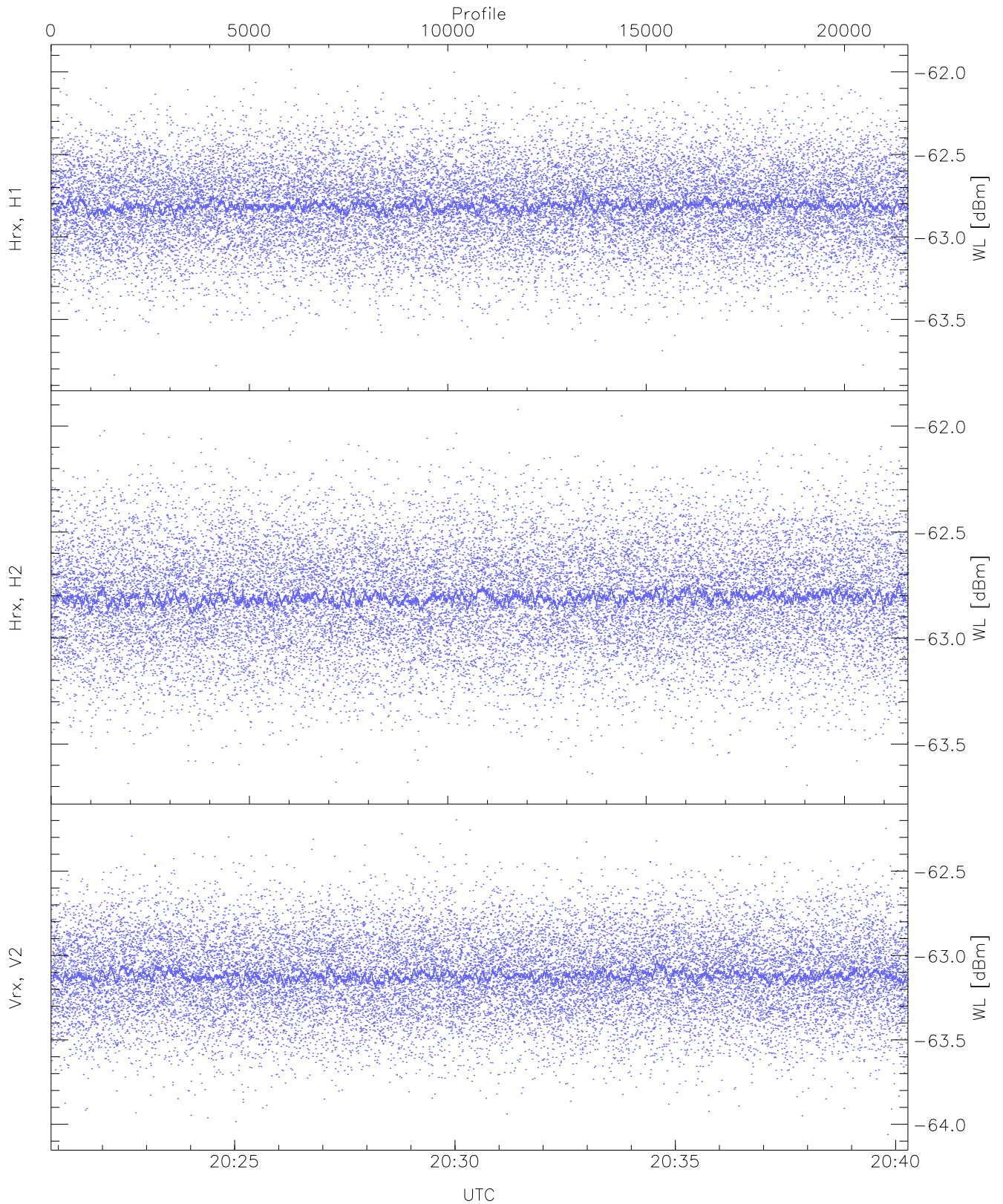
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,25,26,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,19,27,28,32
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,25)



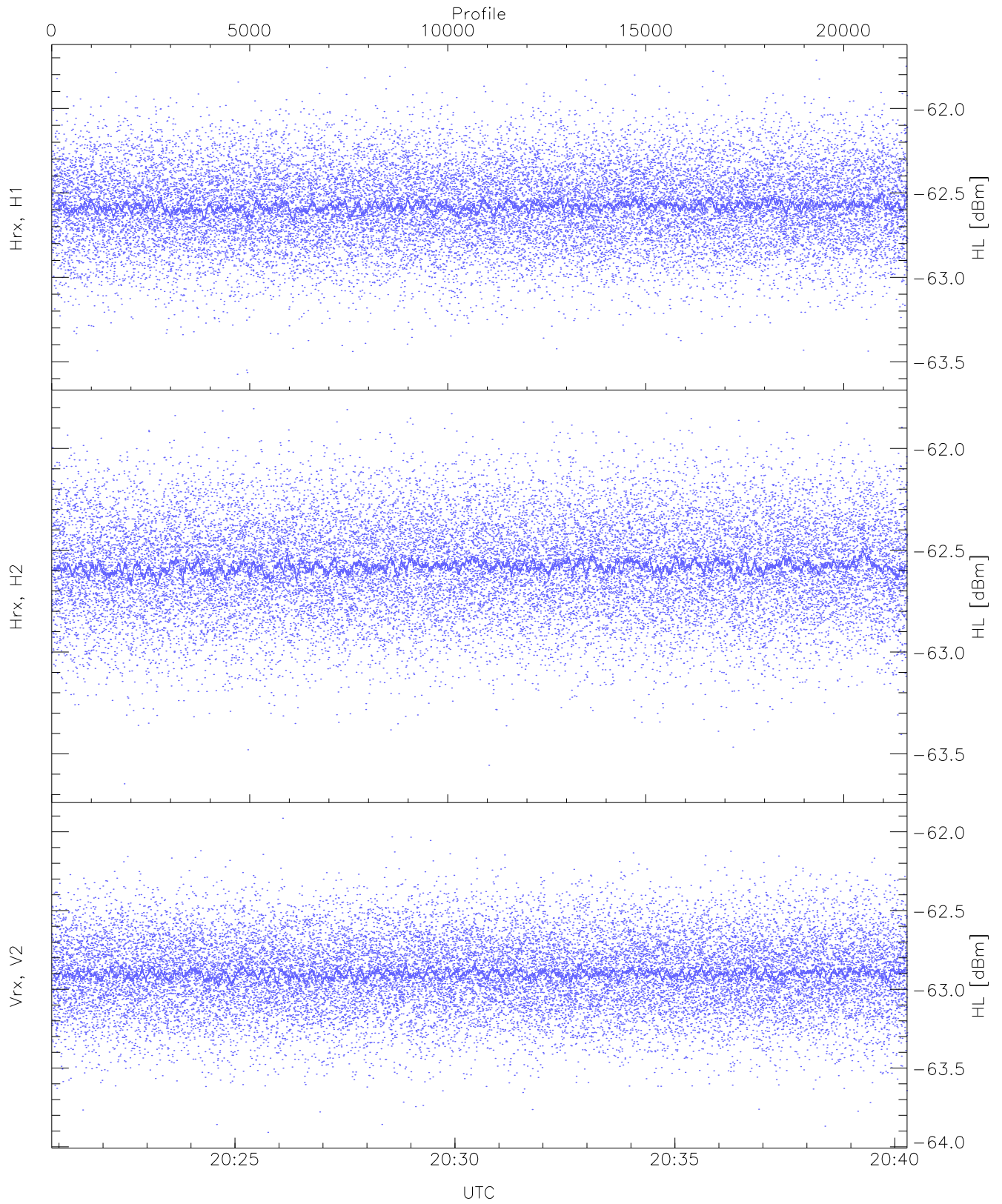
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 299 pixs, 22 gates, 293 profs, 1 prods



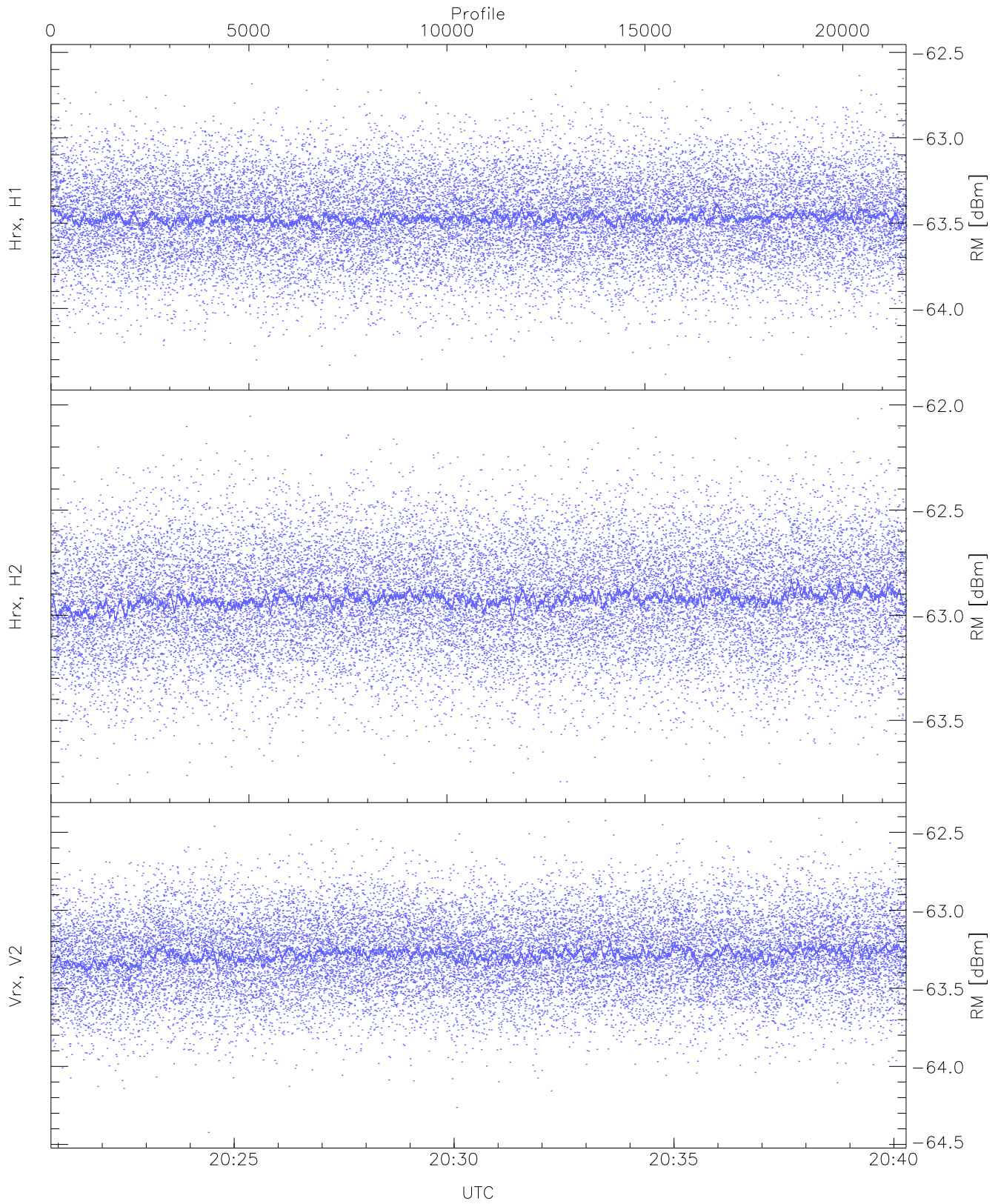
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.84	-61.93	-62.81	-62.81	-75.52
Hrx, H2(WL [dBm])	-63.69	-61.92	-62.81	-62.81	-75.54
Vrx, V2(WL [dBm])	-64.06	-62.20	-63.12	-63.12	-75.85



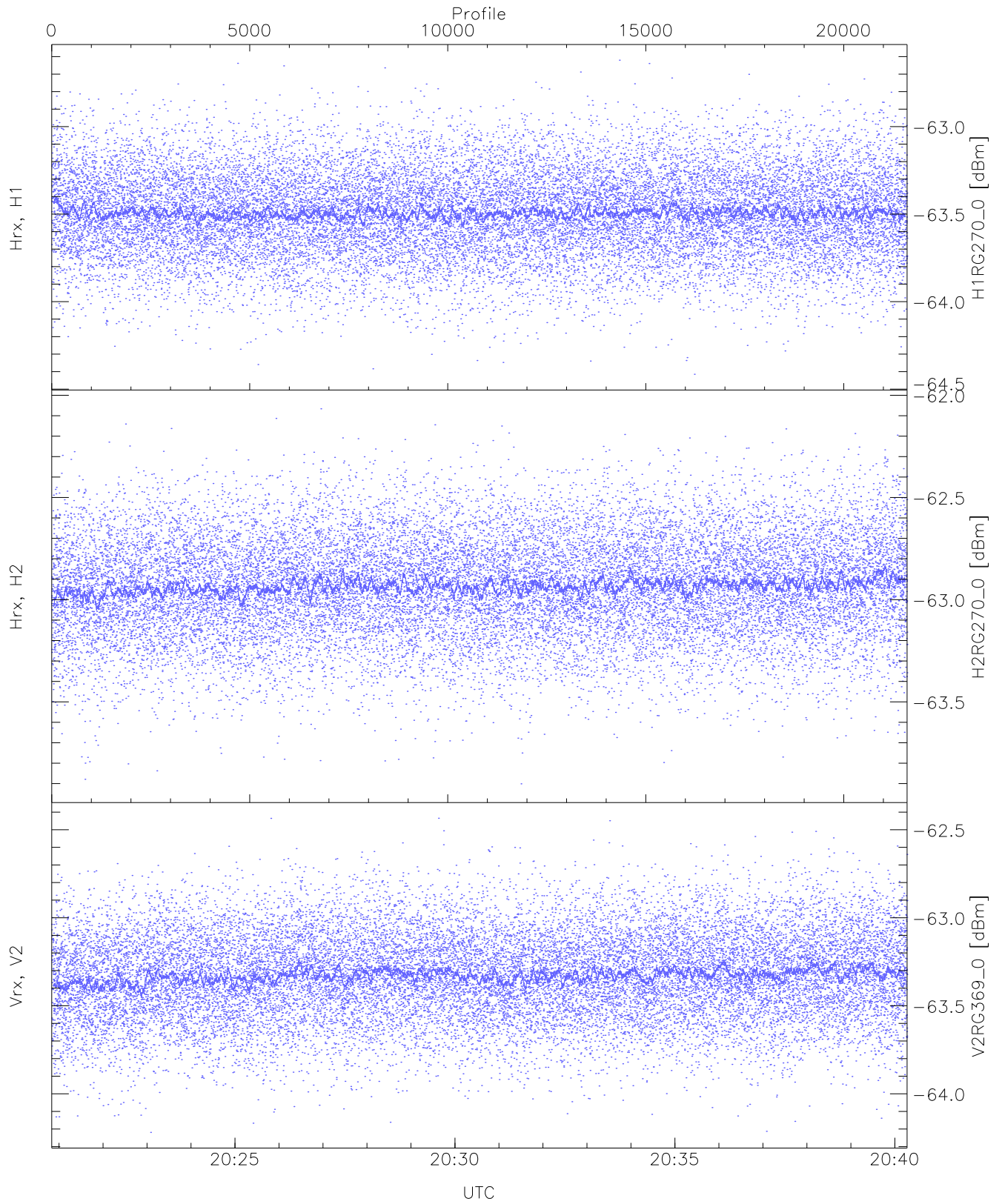
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.57	-61.71	-62.58	-62.58	-75.33
Hrx, H2 (HL [dBm])	-63.65	-61.81	-62.58	-62.58	-75.33
Vrx, V2 (HL [dBm])	-63.91	-61.91	-62.90	-62.90	-75.58



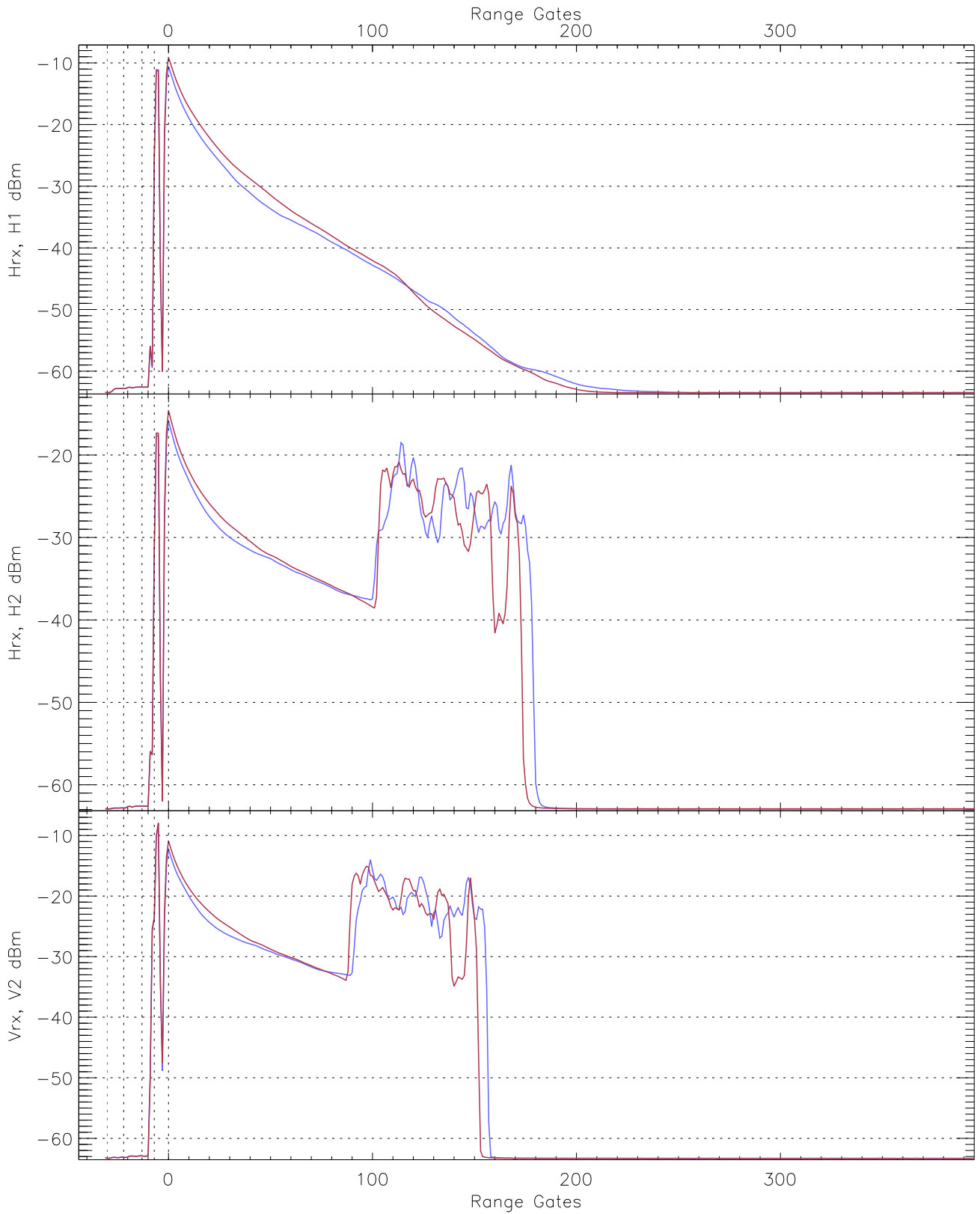
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.39	-62.55	-63.47	-63.47	-76.18
Hrx, H2 (RM [dBm])	-63.80	-62.02	-62.92	-62.92	-75.61
Vrx, V2 (RM [dBm])	-64.42	-62.41	-63.28	-63.29	-75.96

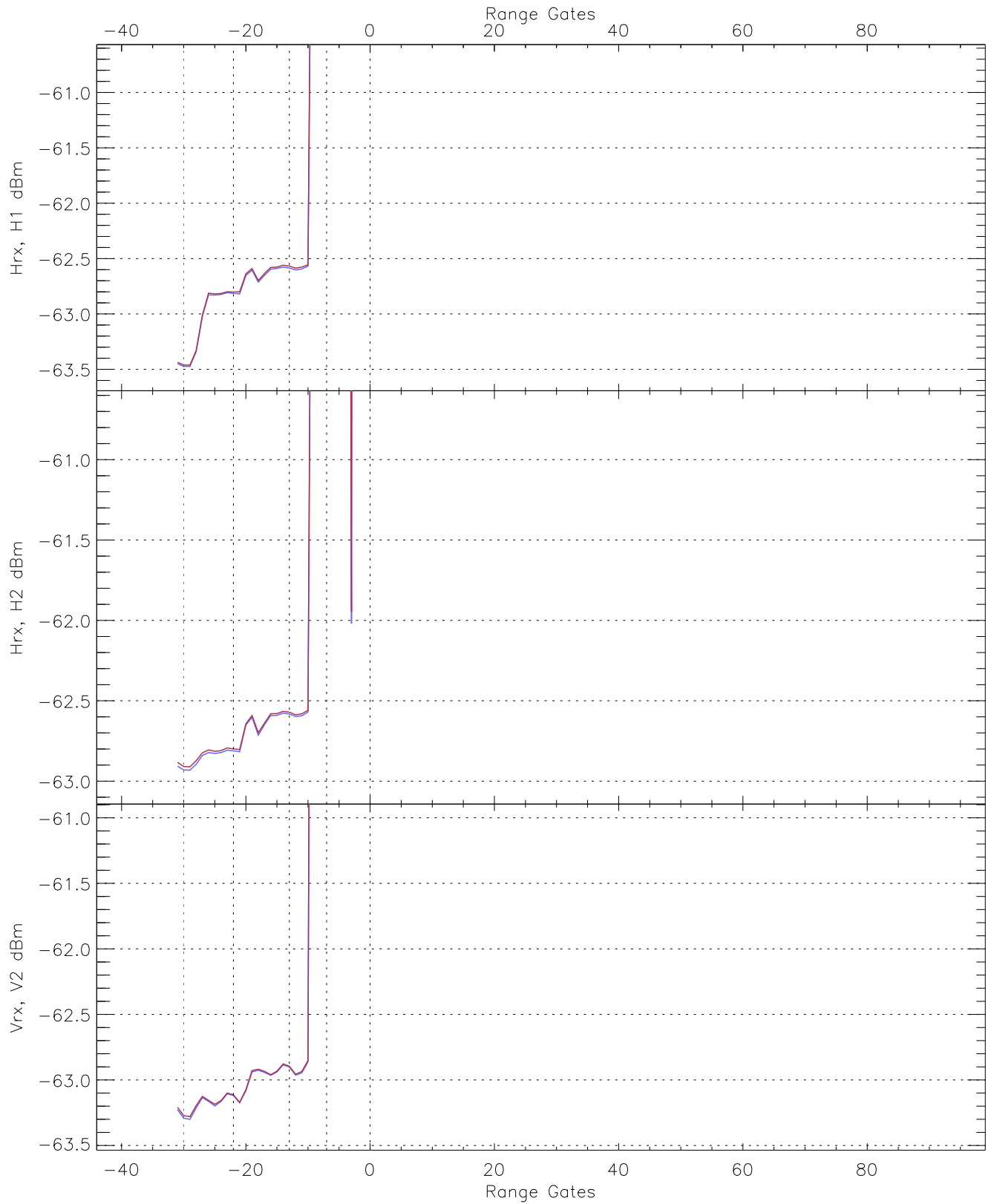


WCR2 CPP "Best" estimate Receivers Noise Power

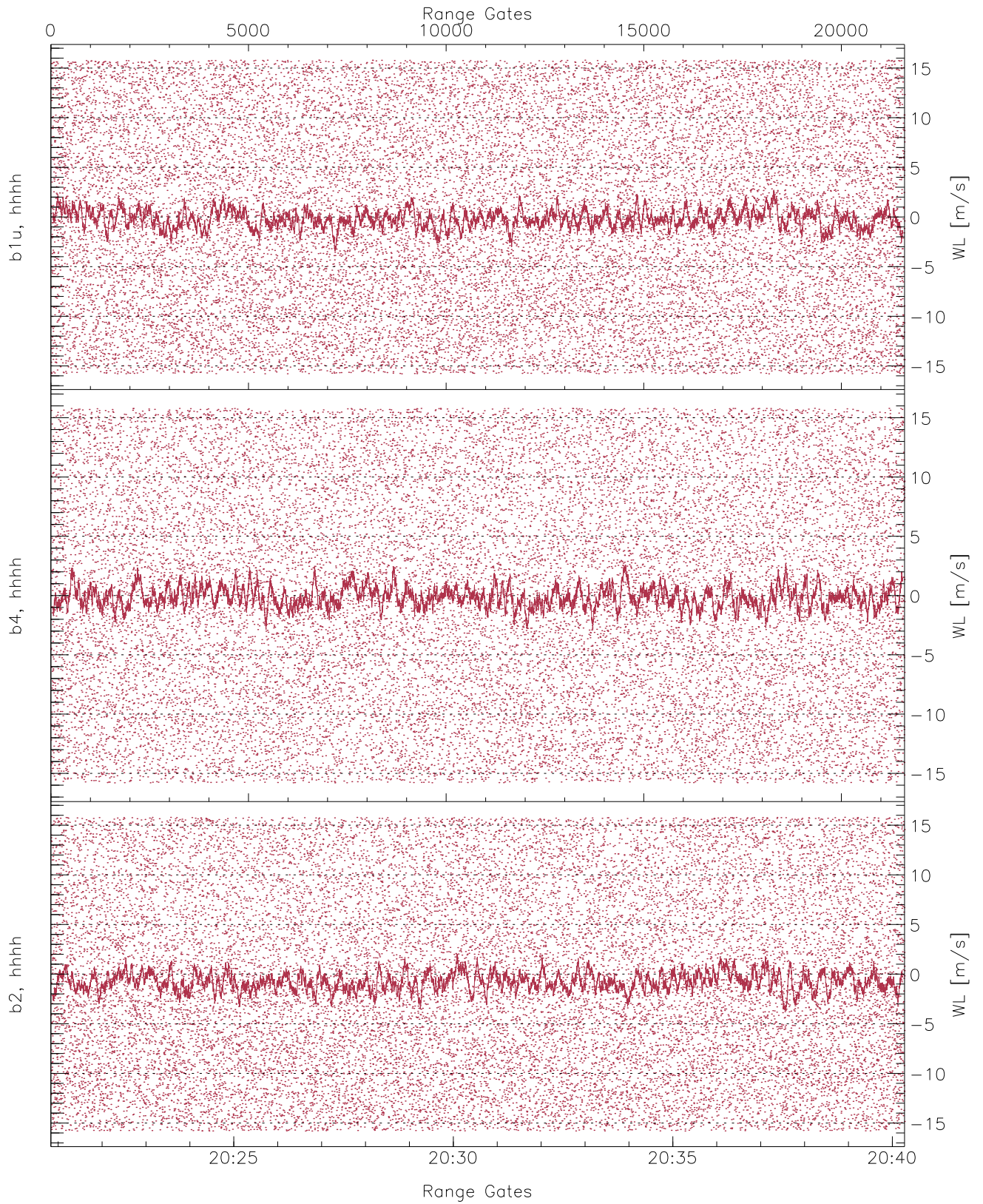
	Min	Max	Mean	Median	StDev
H1RG270_0 [dBm]	-64.42	-62.62	-63.49	-63.50	-76.18
H2RG270_0 [dBm]	-63.90	-62.07	-62.93	-62.94	-75.62
V2RG369_0 [dBm]	-64.22	-62.43	-63.33	-63.33	-75.97



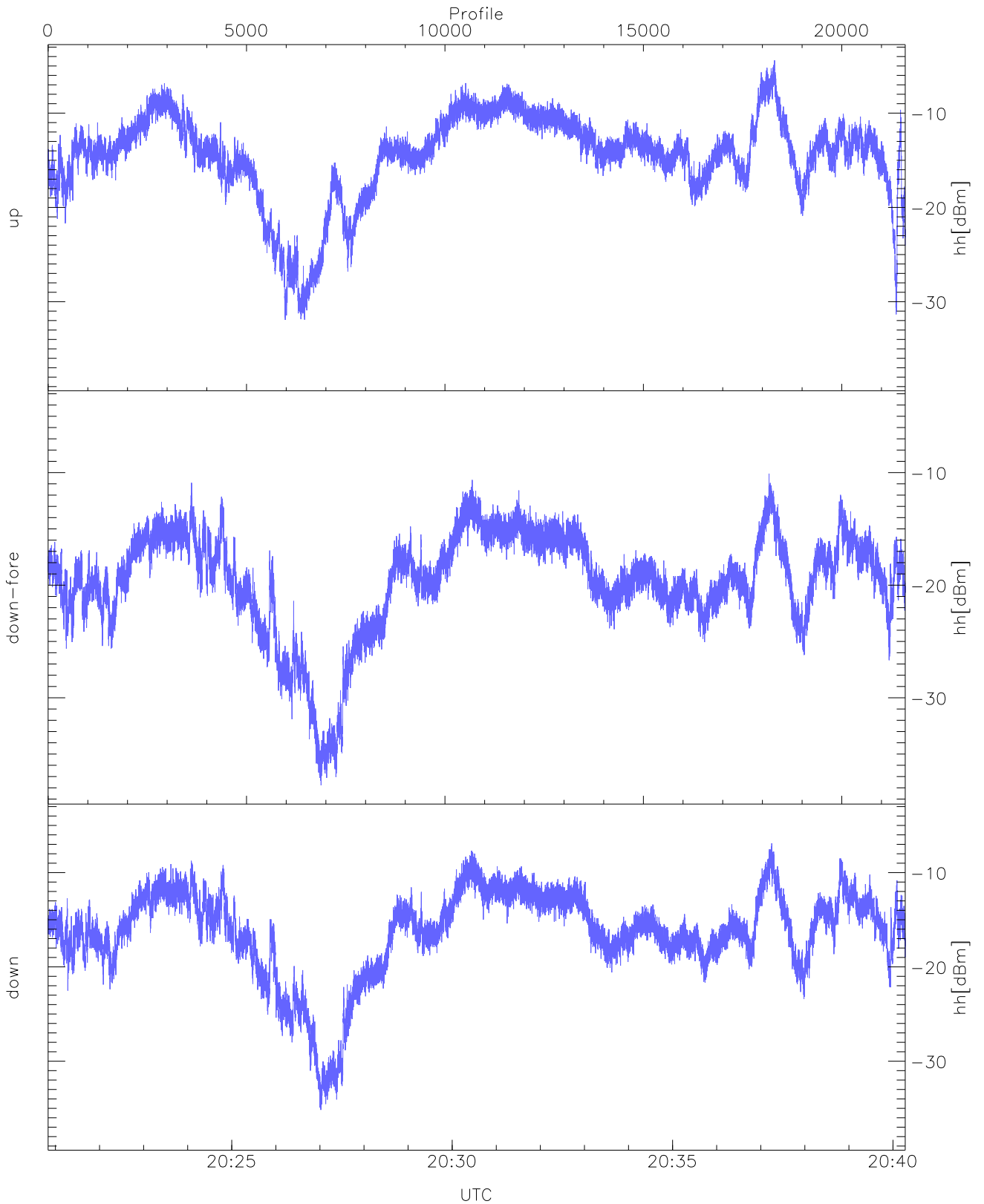
WCR2 CPP Averaged Received power for all recorded gates
blue: 202050-203033, 10801 profiles averaged
red: 203033-204017, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 202050-203033, 10801 profiles averaged
red: 203033-204017, 10800 profiles averaged

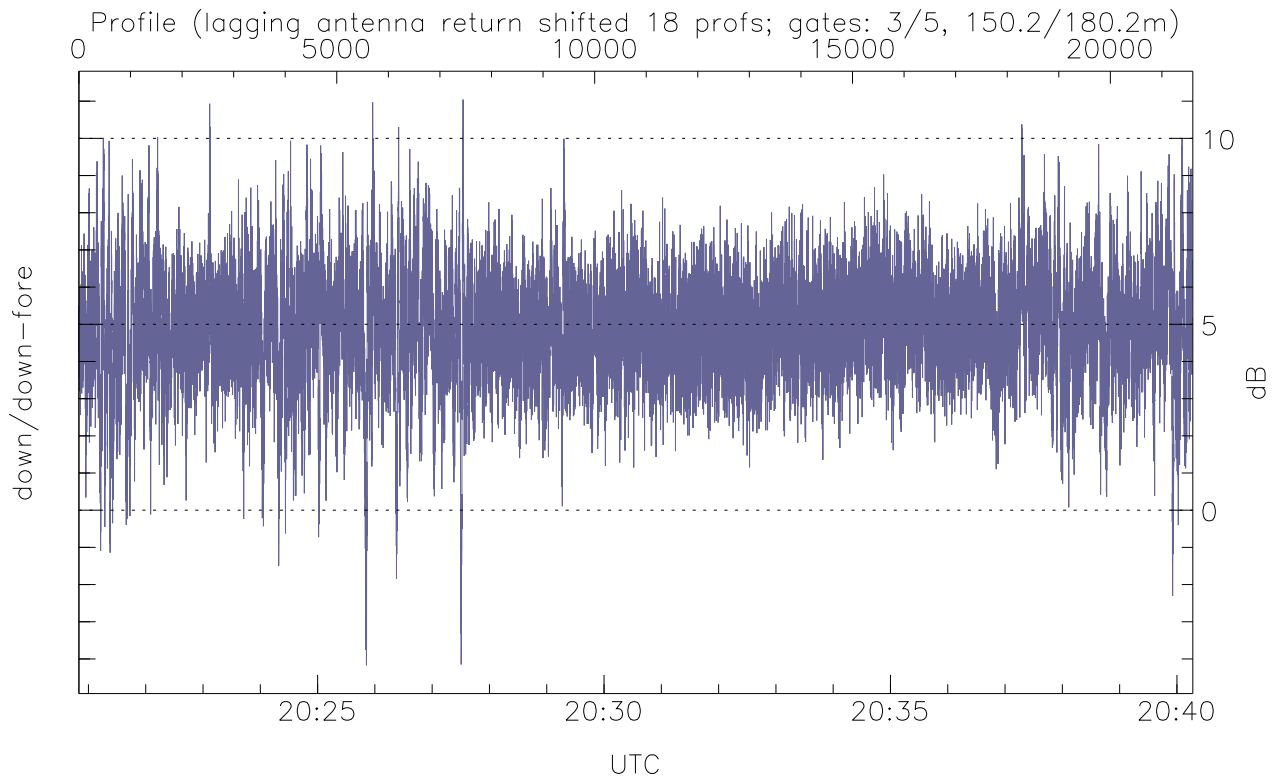
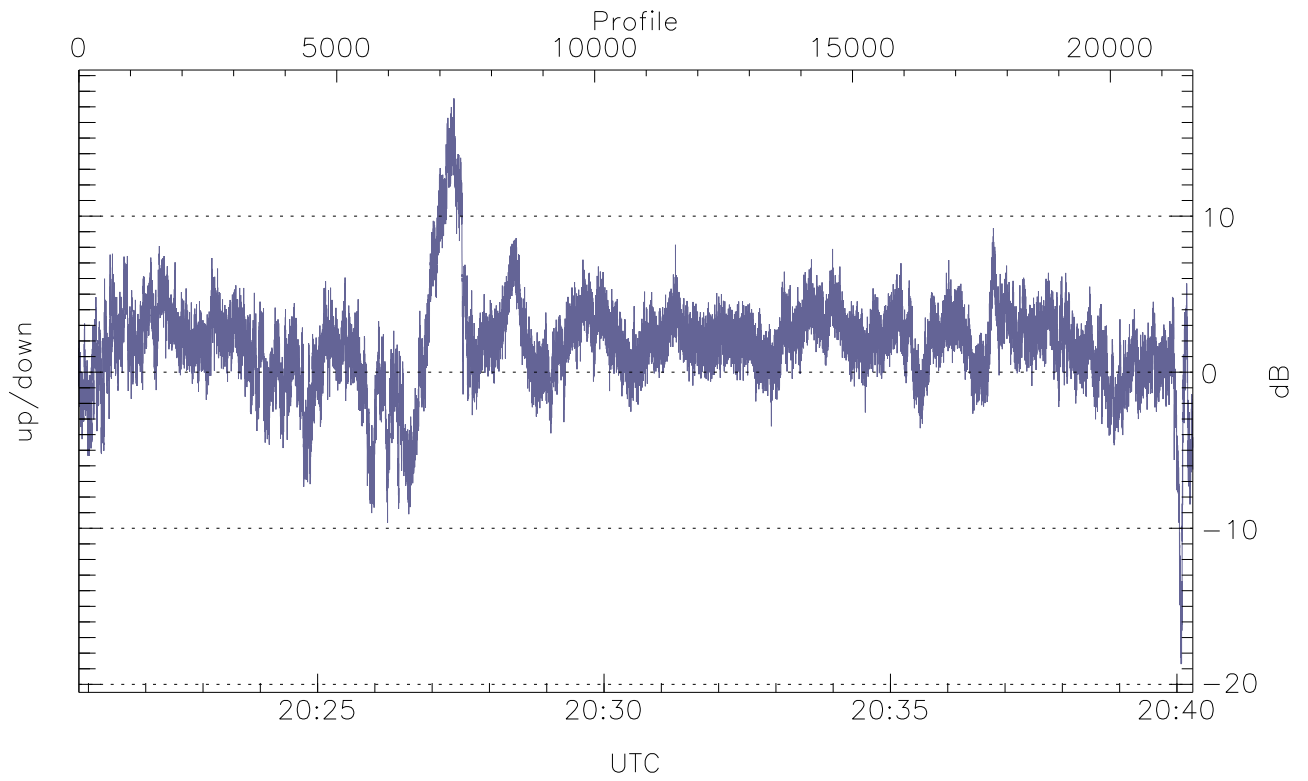


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



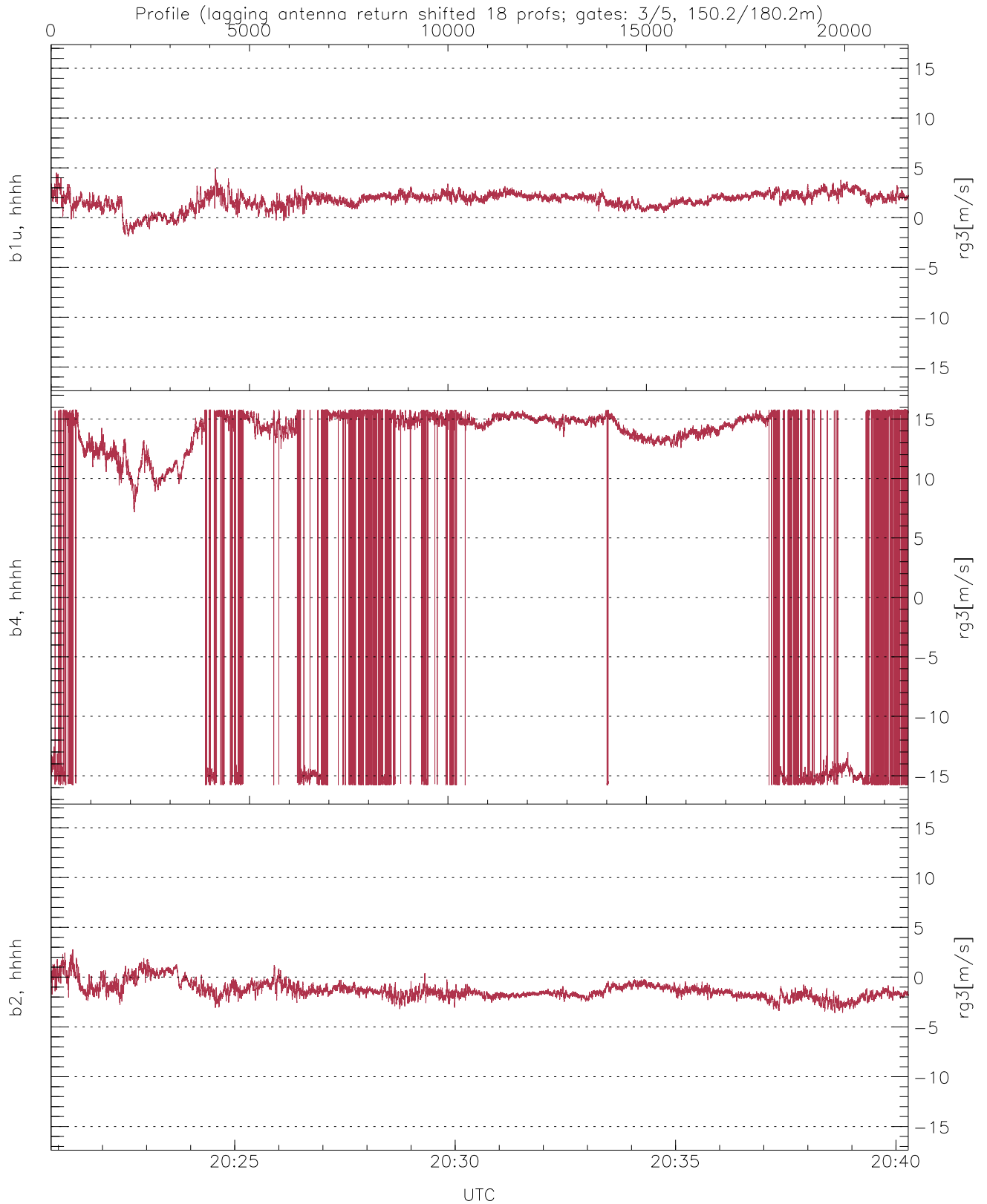
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-31.92	-4.40	-12.83
down-fore(hh[dBm])	-37.77	-10.10	-17.97
down(hh[dBm])	-35.17	-6.90	-14.63



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-18.70	17.55	1.76
down/down-fore (dB)	-4.17	11.05	4.90



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-1.88	4.94	1.74	0.82
b4, hhhh(rg3[m/s])	-15.80	15.80	7.98	12.06
b2, hhhh(rg3[m/s])	-3.60	2.78	-1.32	0.84