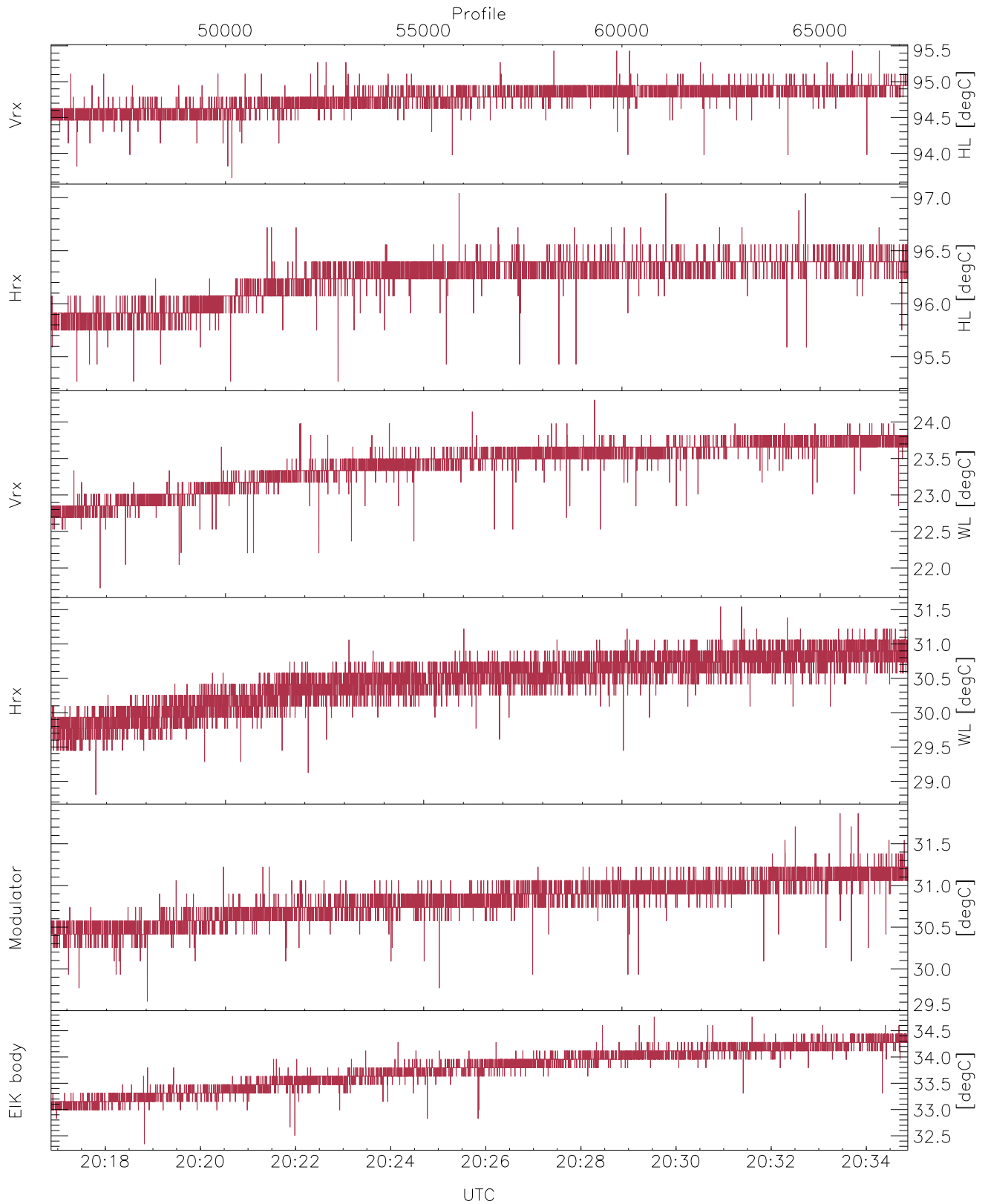


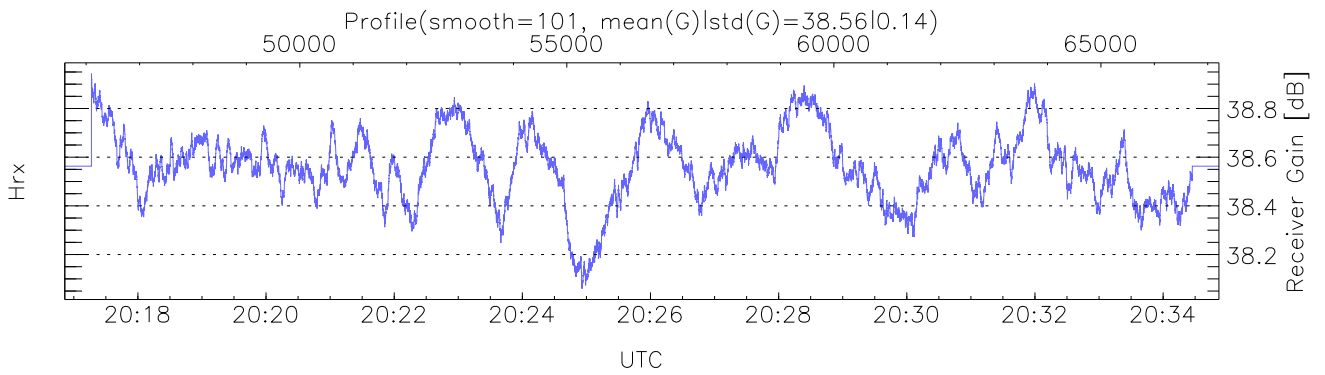
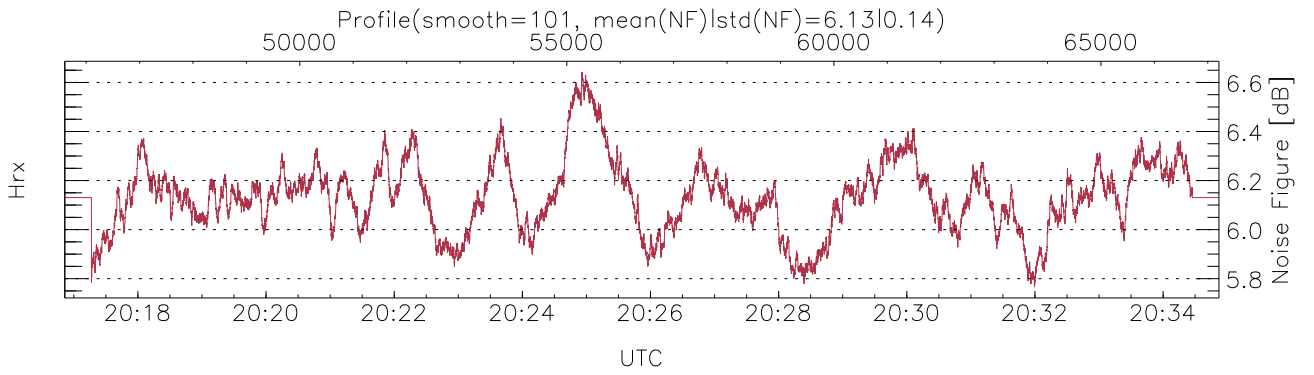
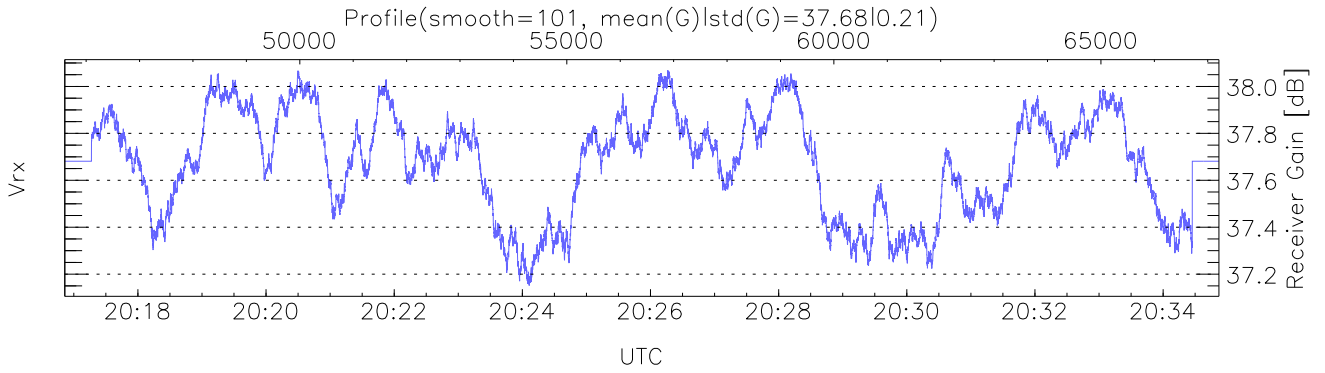
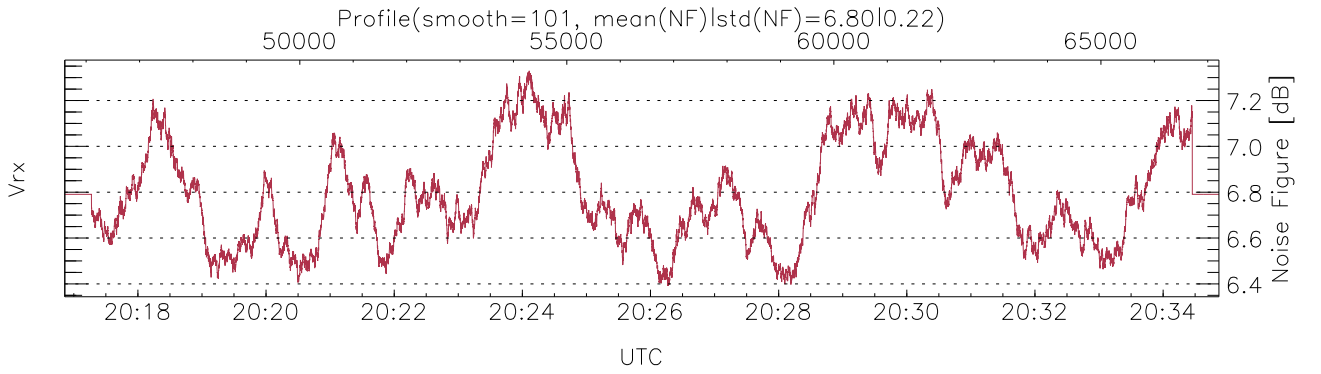
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:38:51-20:34:52, Dur: 3361.34s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.0,50.0,50.0,0.0 ms / 20,20,20
 NumRec(r/t): 21611/67211, 45600-67210/20:16:52-20:34:52
 AcqTime: 50.0ms, Rate: 113KB/s, Averages: 250
 Pulse: 200ns, IFF: 5.0MHz, Tx: V2 V2 H2 H2
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,3108,15.0 m, Gates: 201, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



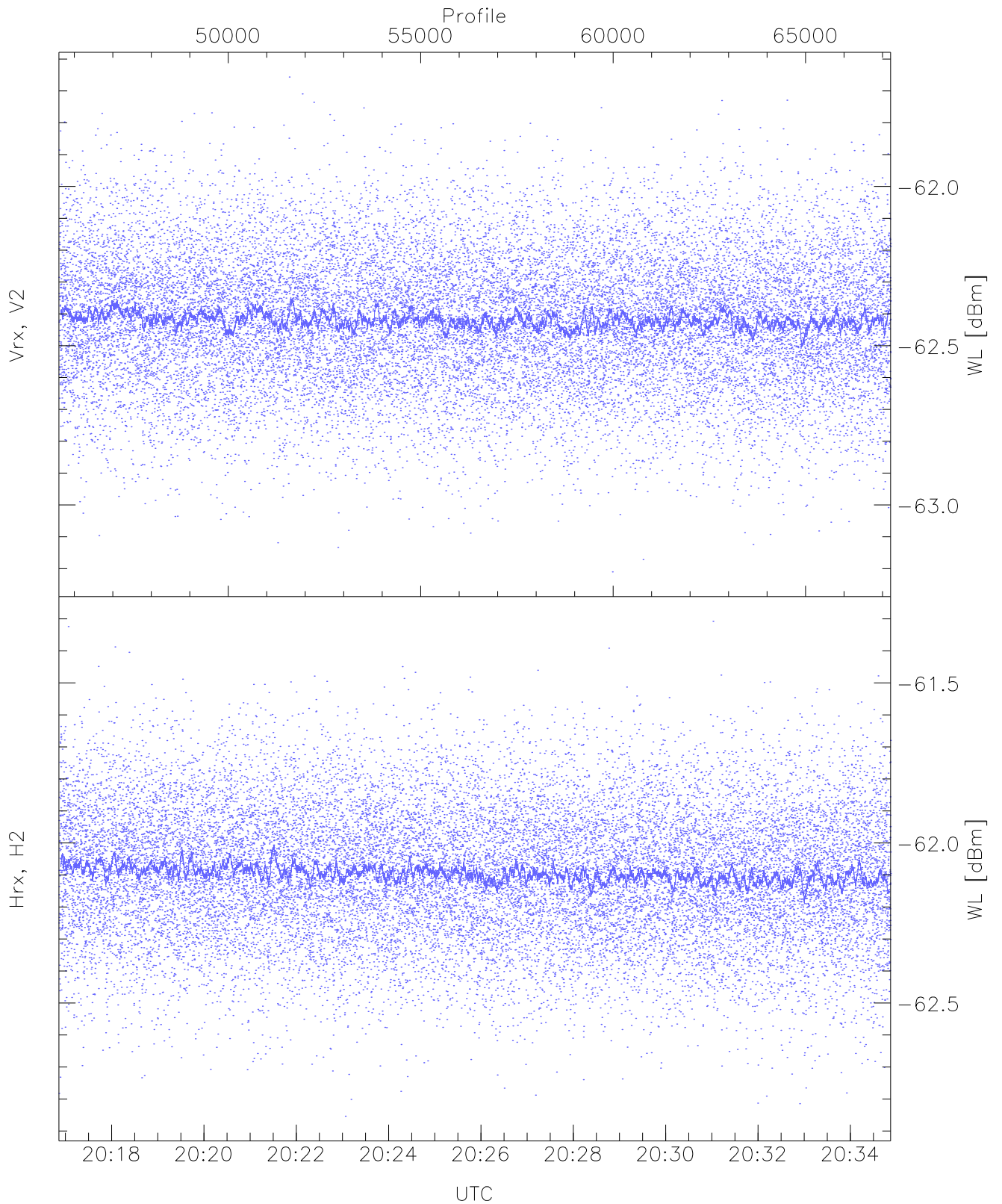
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,28,29,32
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,97,24,31,31,34
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (10,10,10,15,15,10)



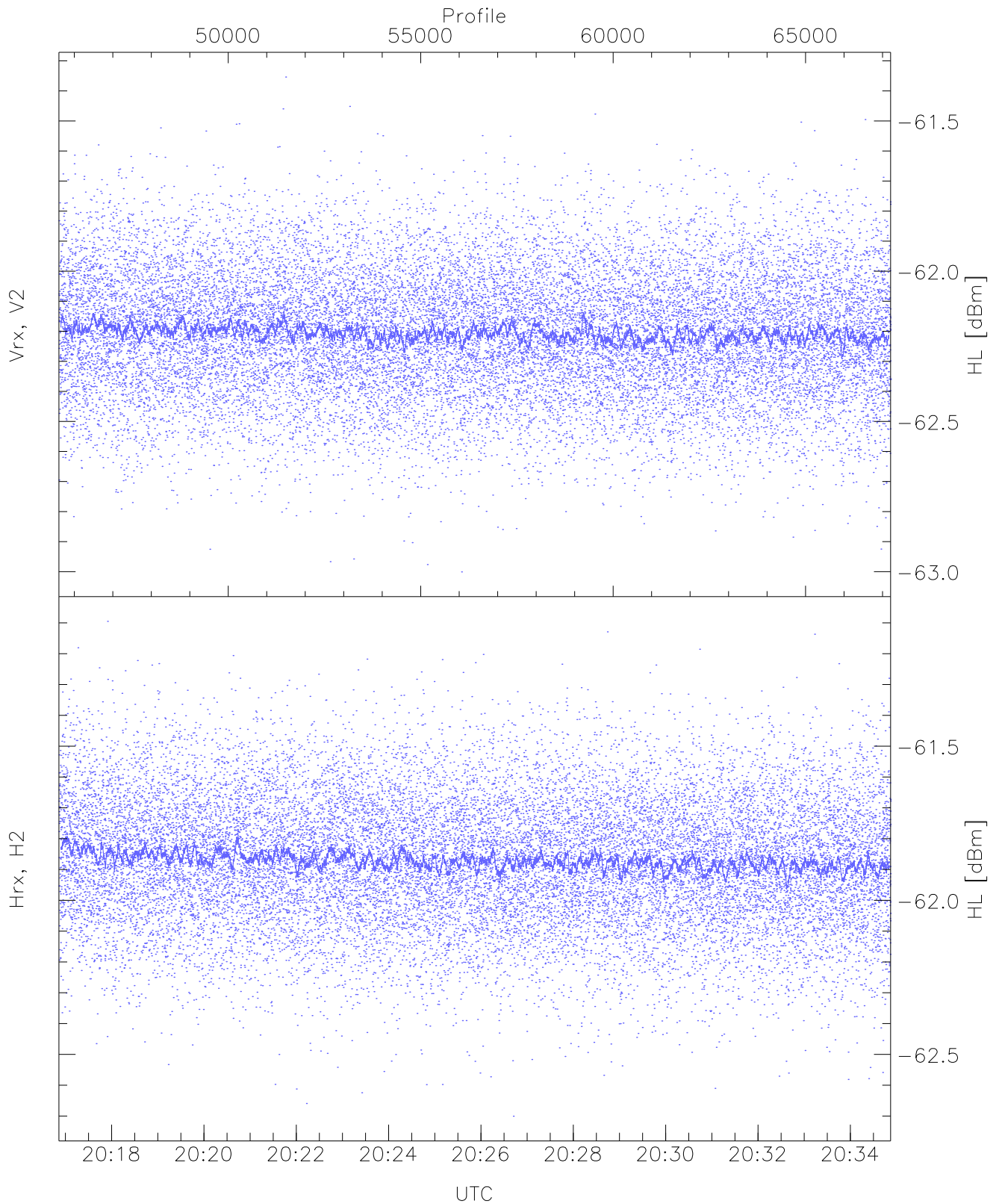
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 6278 pixs, 72 gates, 5563 profs, 2 prods



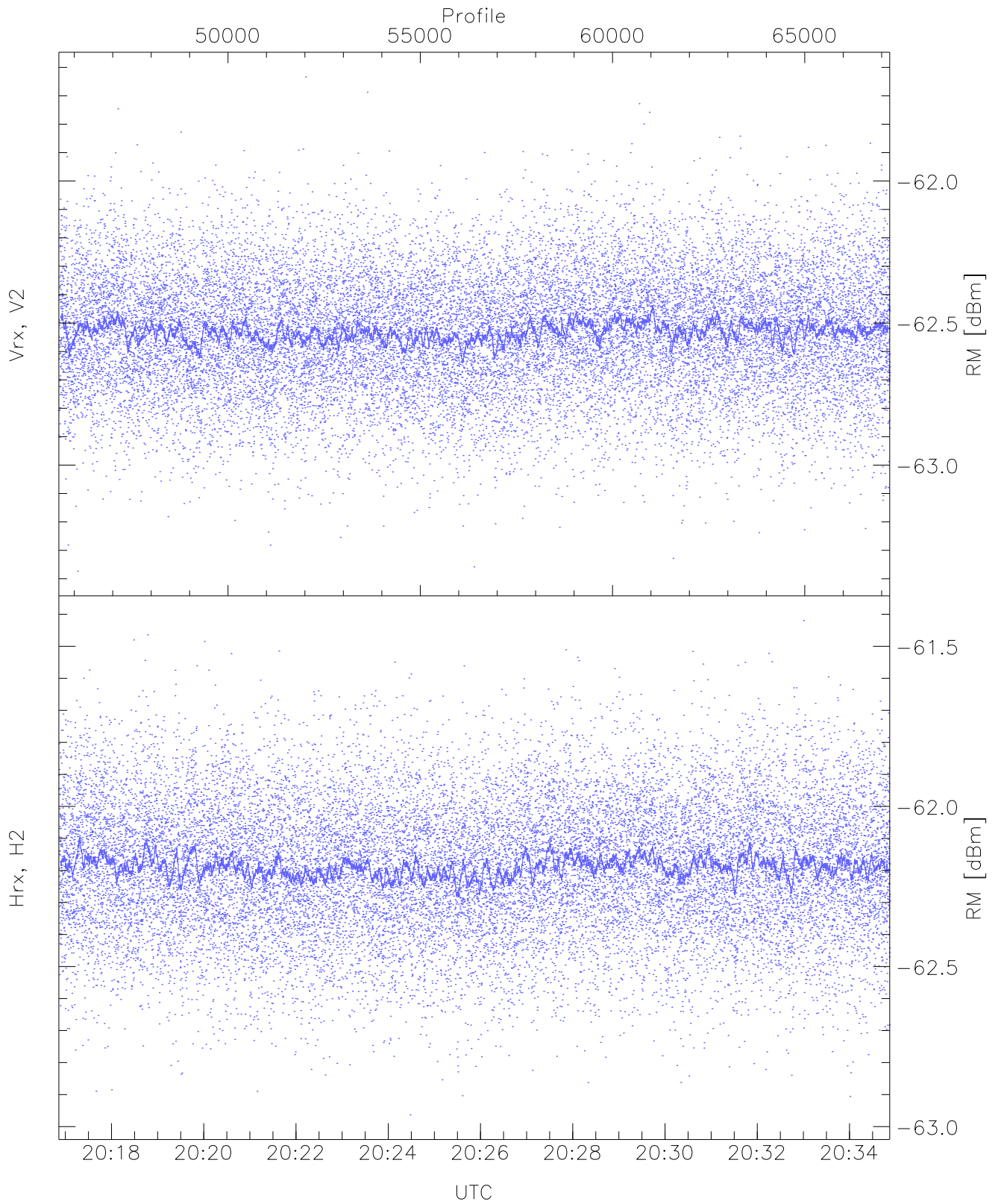
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(WL [dBm])	-63.21	-61.66	-62.42	-62.42	-75.86
Hrx, H2(WL [dBm])	-62.85	-61.31	-62.09	-62.10	-75.54



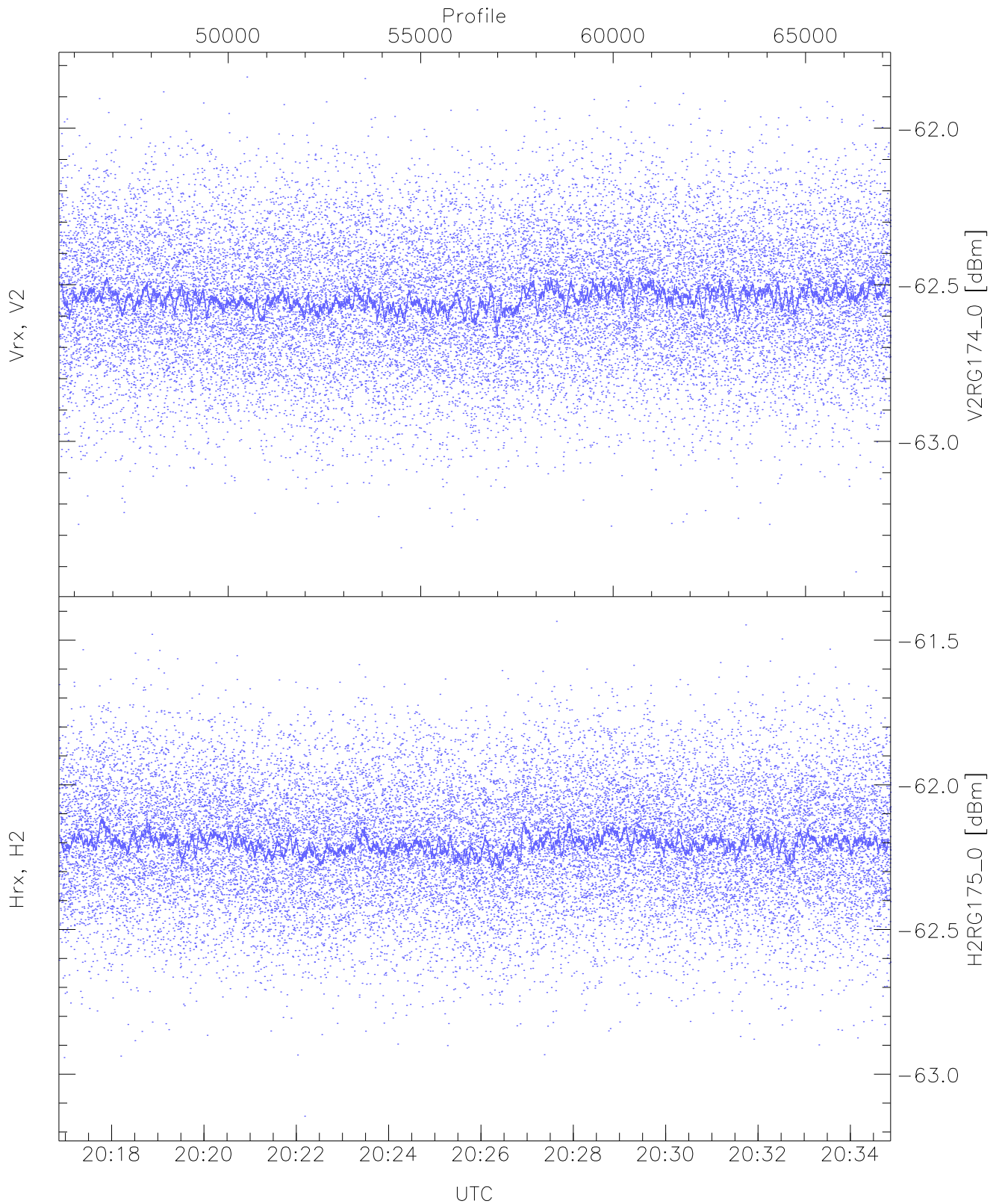
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(HL [dBm])	-63.00	-61.35	-62.20	-62.21	-75.62
Hrx, H2(HL [dBm])	-62.70	-61.09	-61.87	-61.87	-75.27



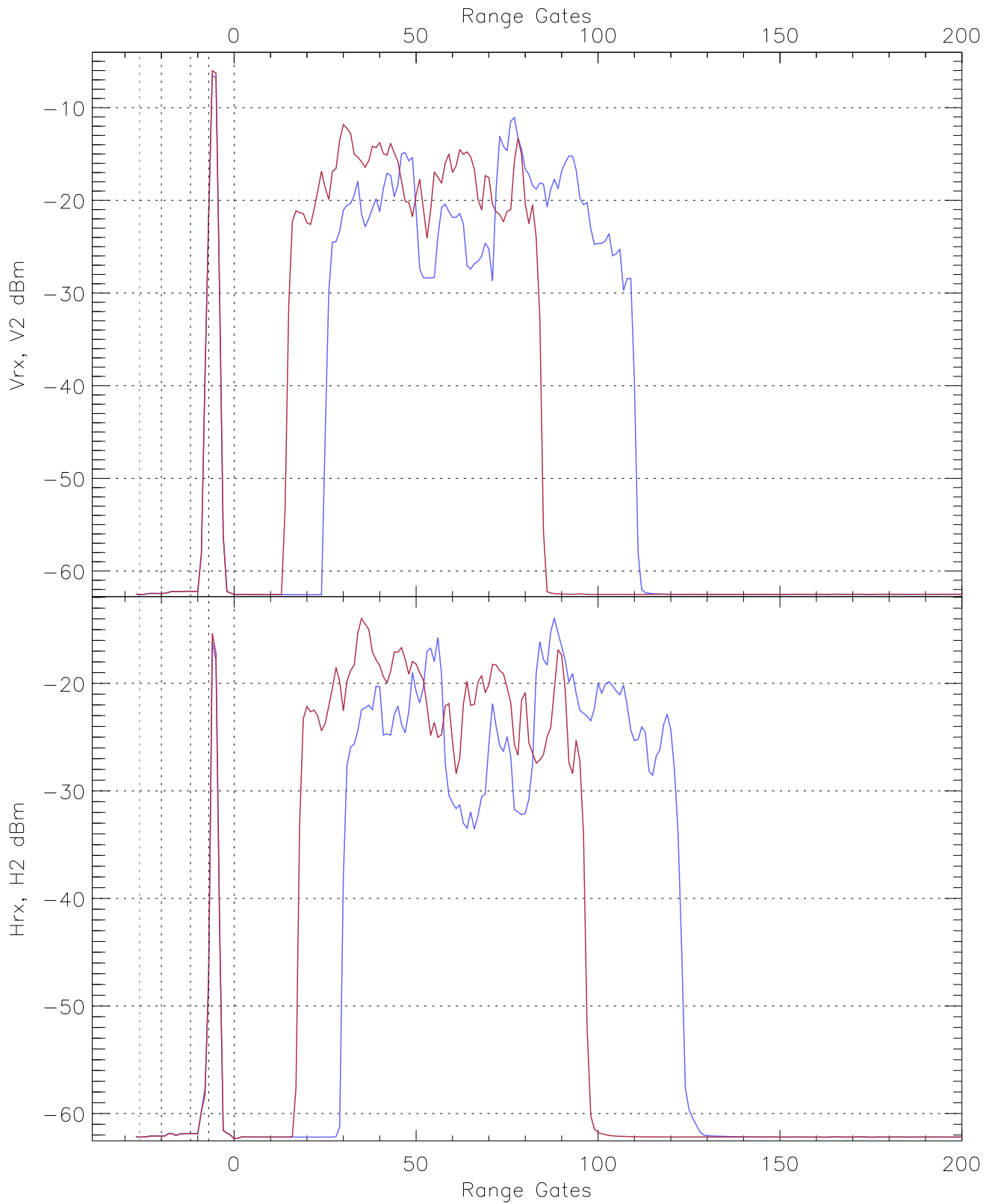
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, V2(RM [dBm])	-63.37	-61.63	-62.53	-62.53	-75.88
Hrx, H2(RM [dBm])	-62.96	-61.42	-62.19	-62.19	-75.60

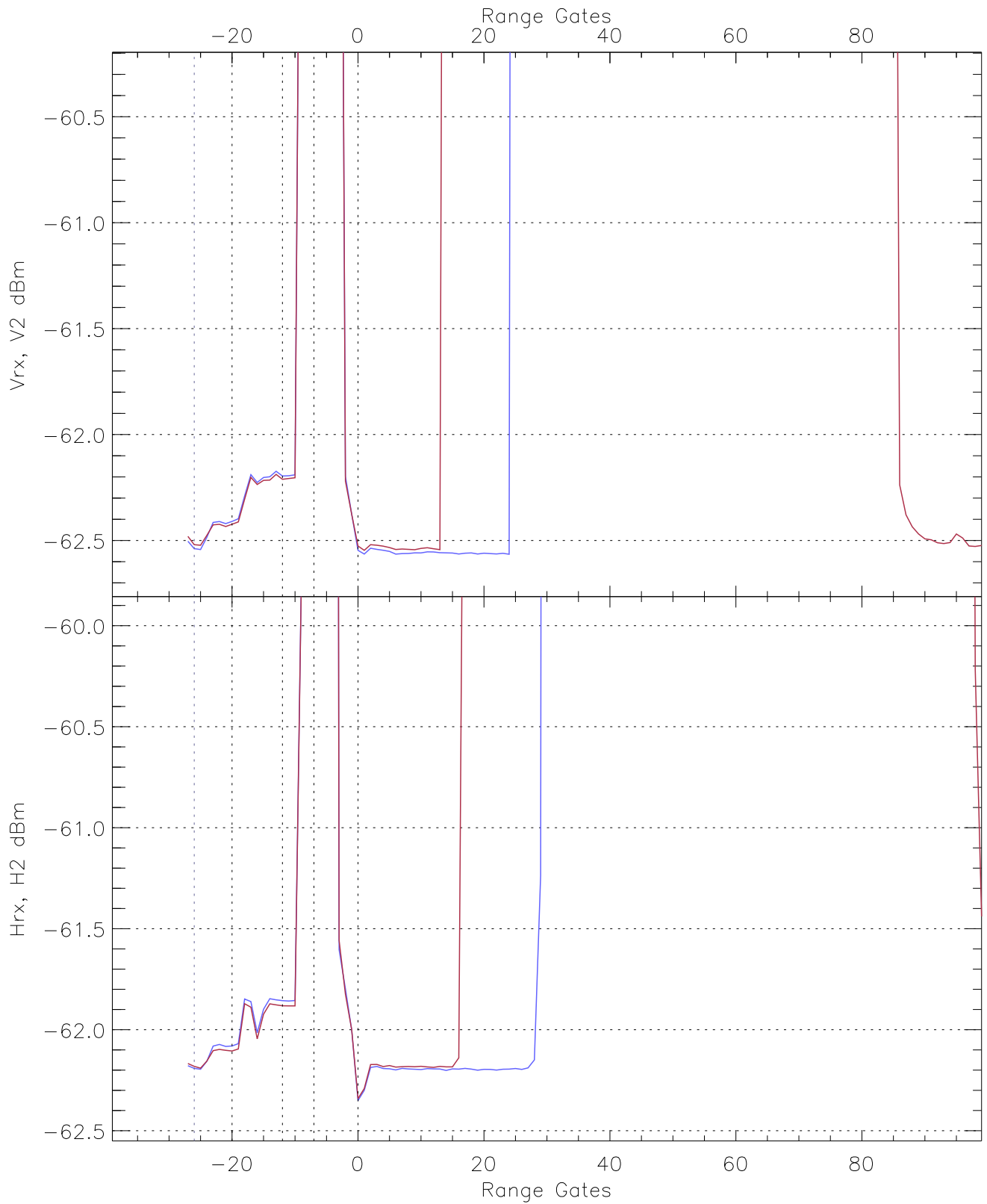


WCR2 CPP "Best" estimate Receivers Noise Power

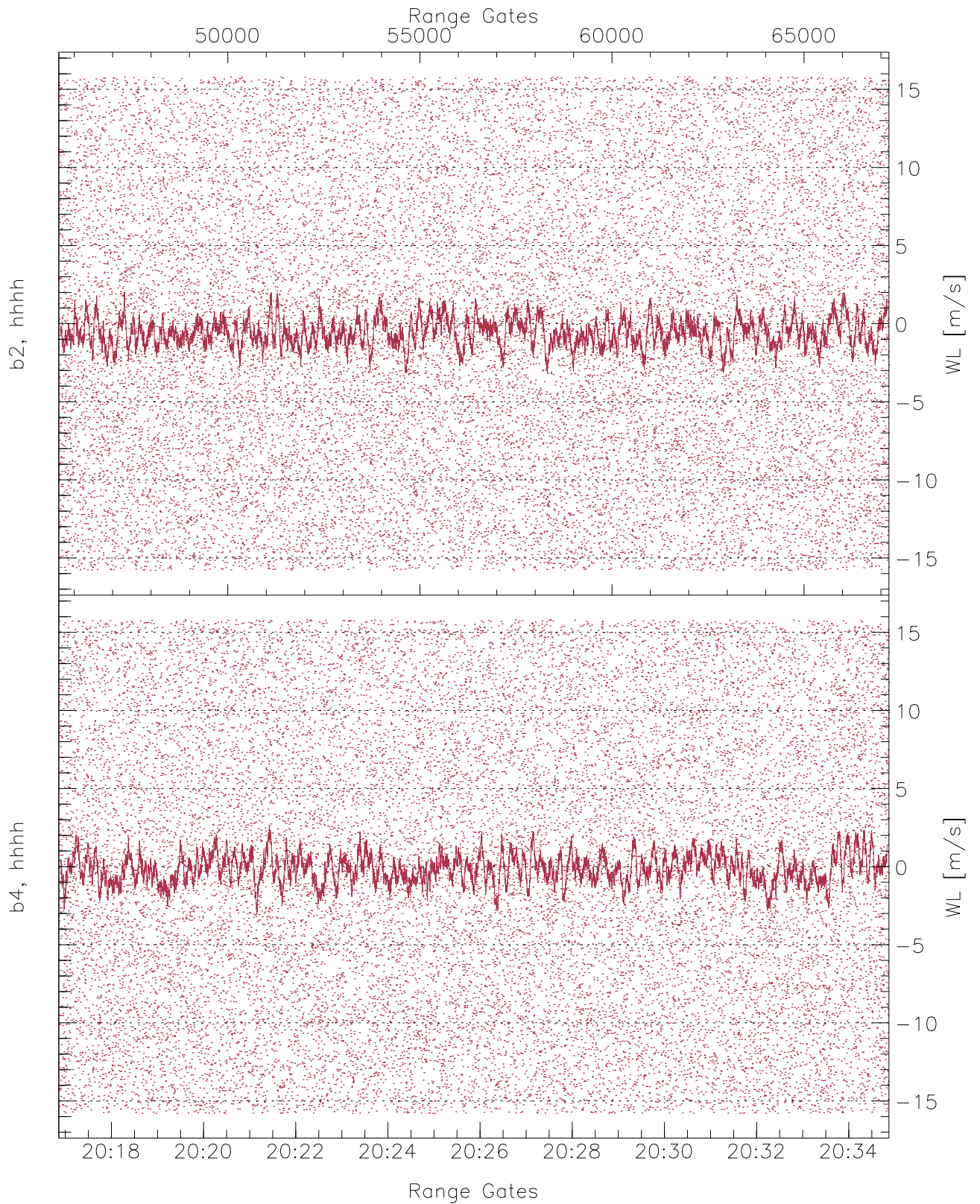
	Min	Max	Mean	Median	StDev
V2RG174_0 [dBm]	-63.42	-61.84	-62.54	-62.55	-75.93
H2RG175_0 [dBm]	-63.15	-61.43	-62.20	-62.20	-75.58



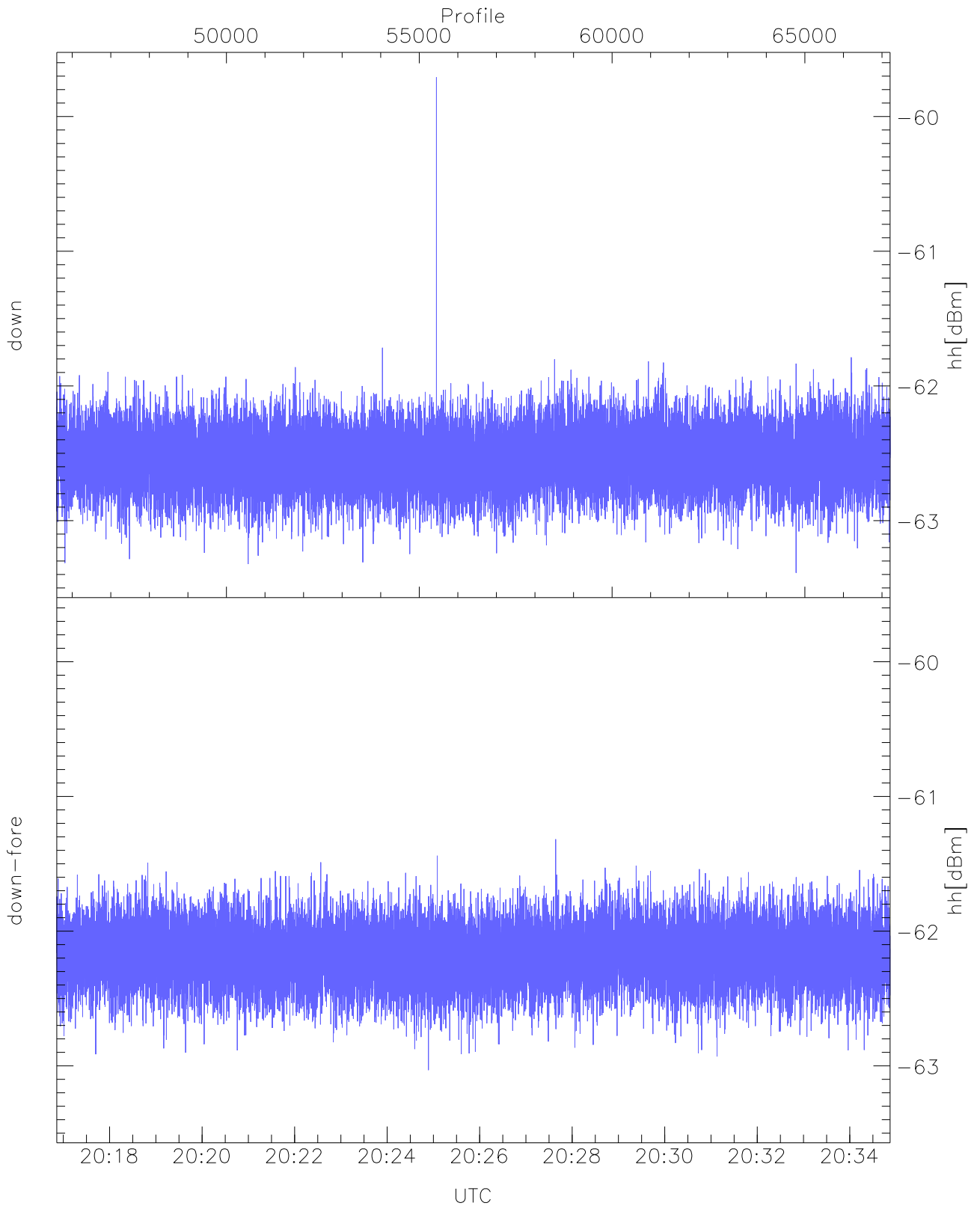
WCR2 CPP Averaged Received power for all recorded gates
blue: 201652-202552, 10806 profiles averaged
red: 202552-203452, 10806 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 201652-202552, 10806 profiles averaged
red: 202552-203452, 10806 profiles averaged

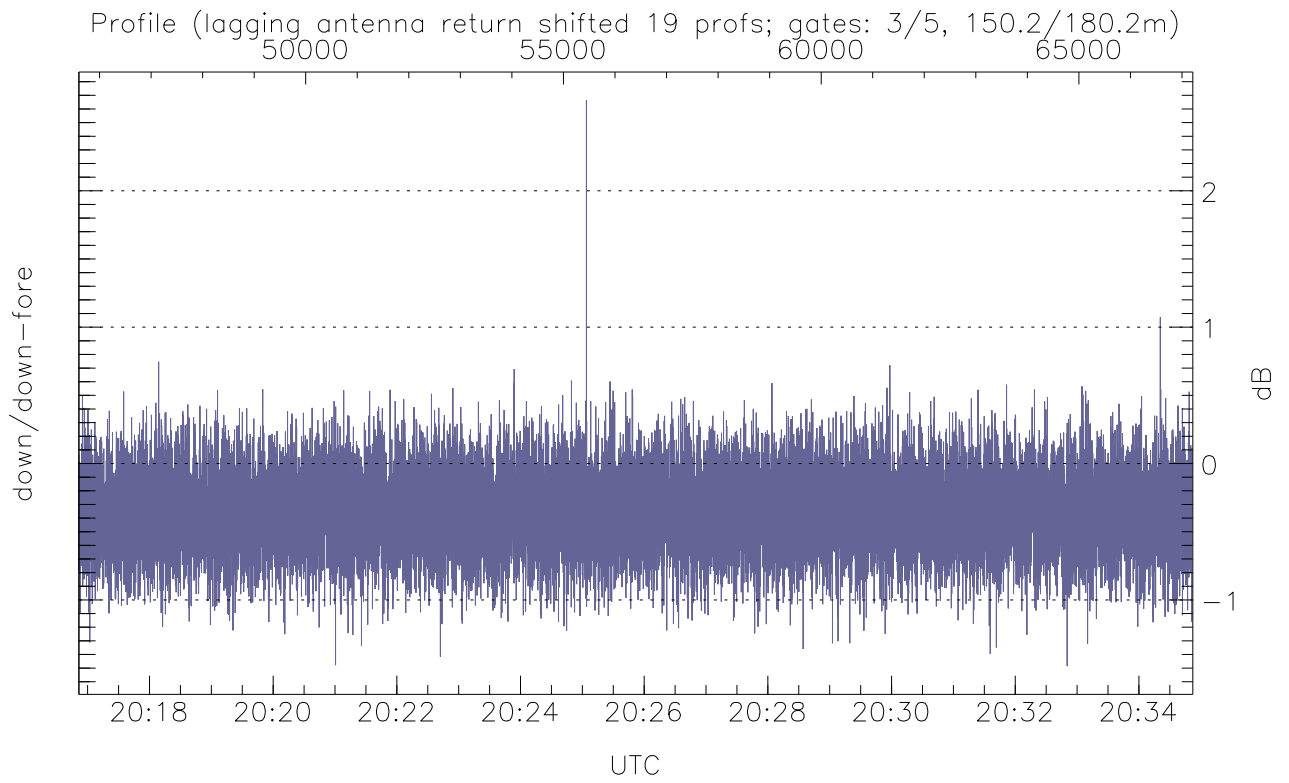


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



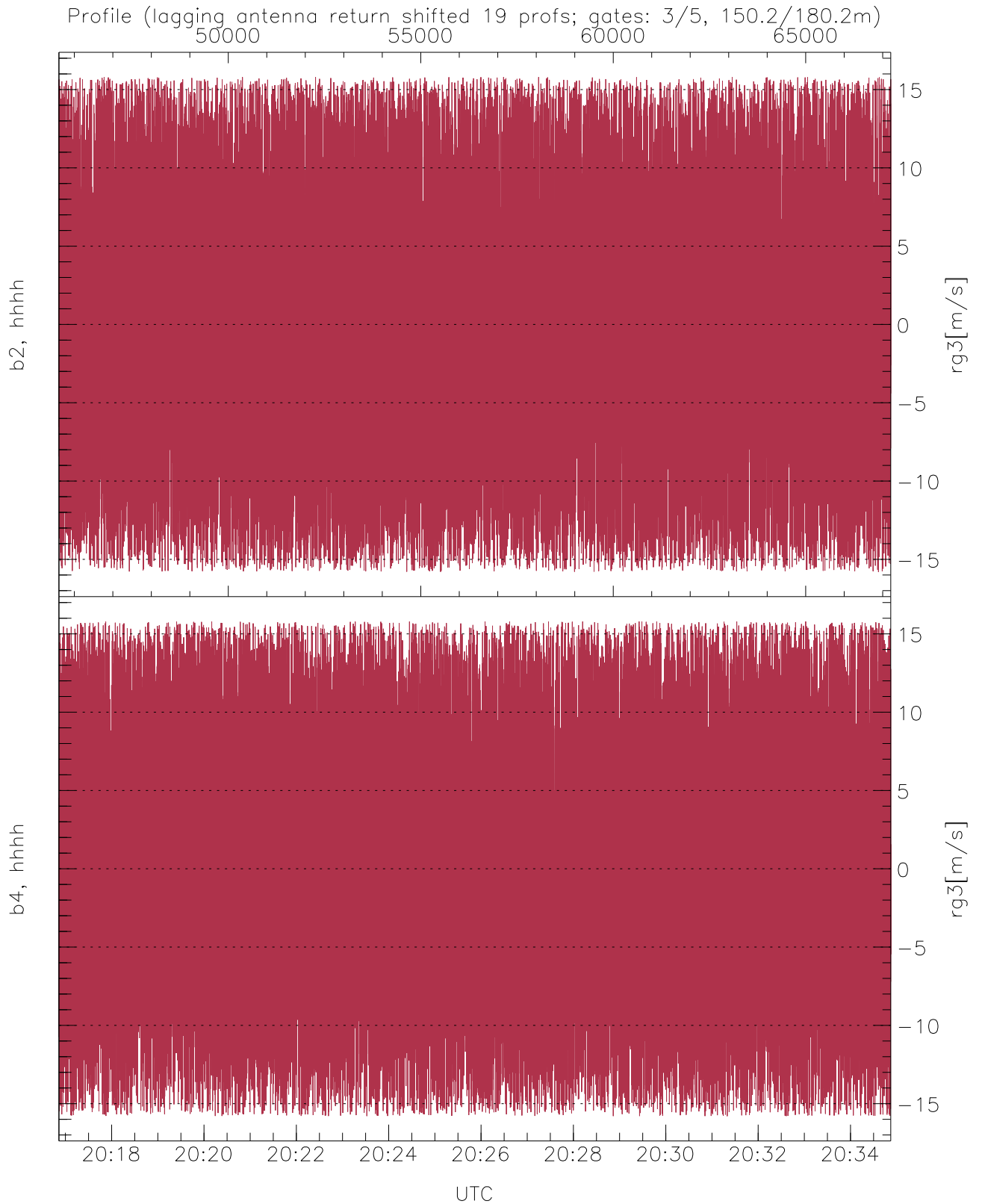
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
down(hh[dBm])	-63.39	-59.71	-62.53
down-fore(hh[dBm])	-63.03	-61.32	-62.18



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

	Min	Max	Mean
down/down-fore(dB)	-1.49	2.66	-0.35



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.71	8.82
b4, hhhh(rg3[m/s])	-15.80	15.80	-0.20	9.02