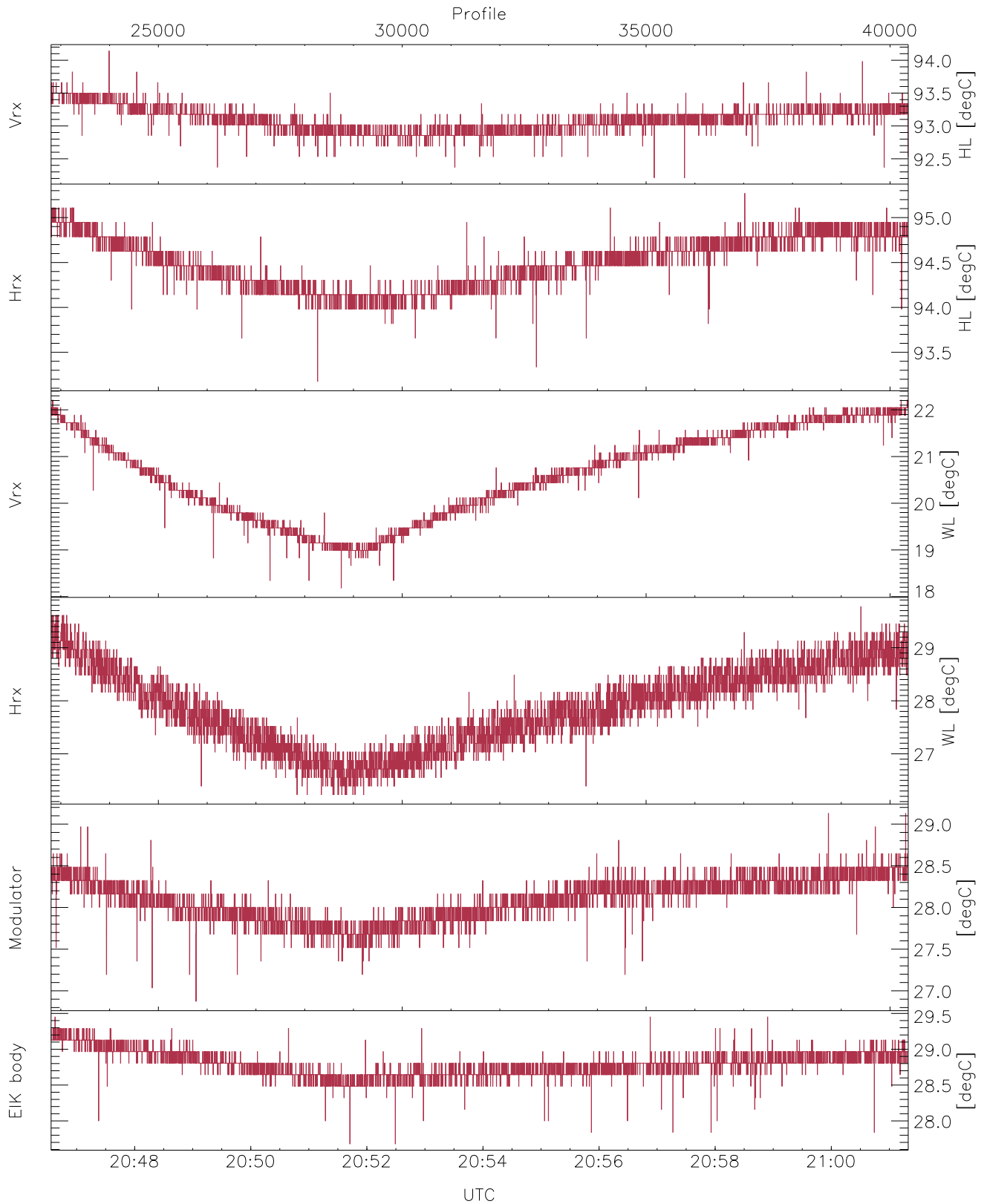


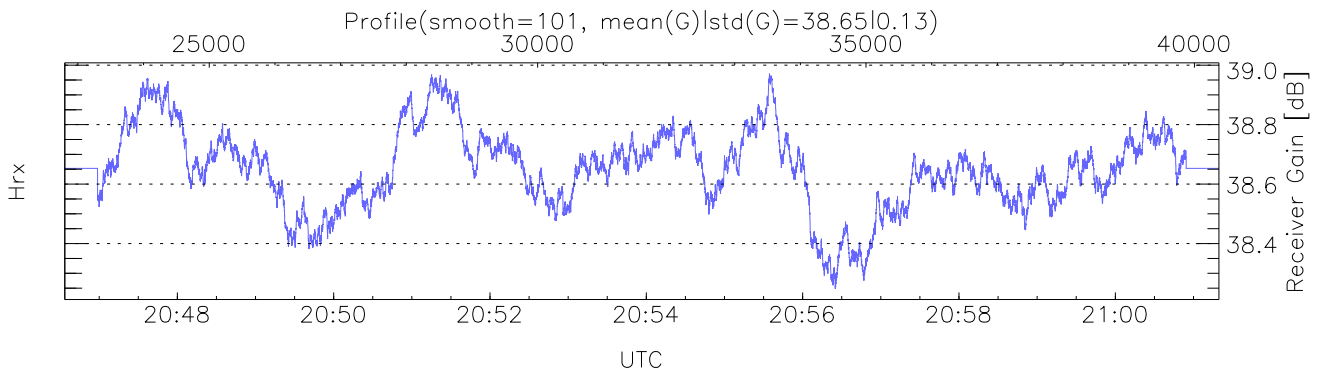
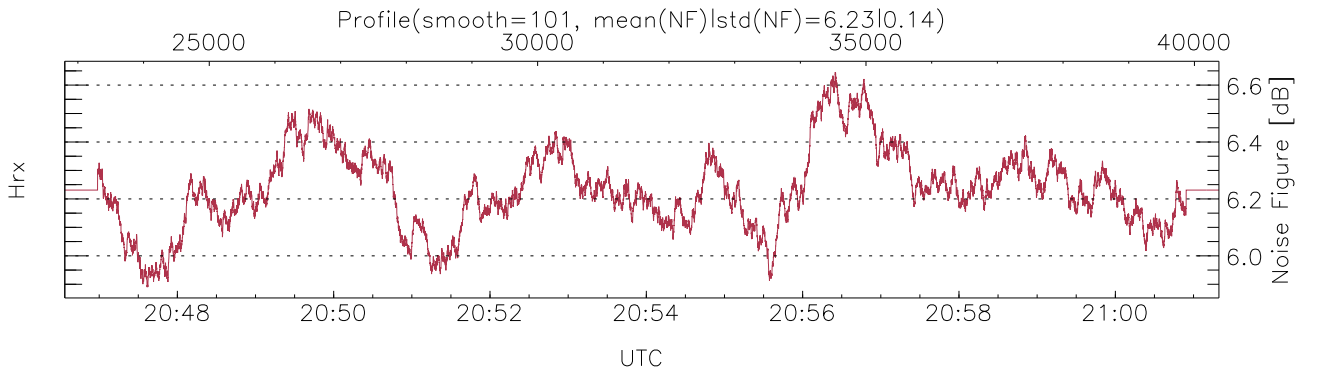
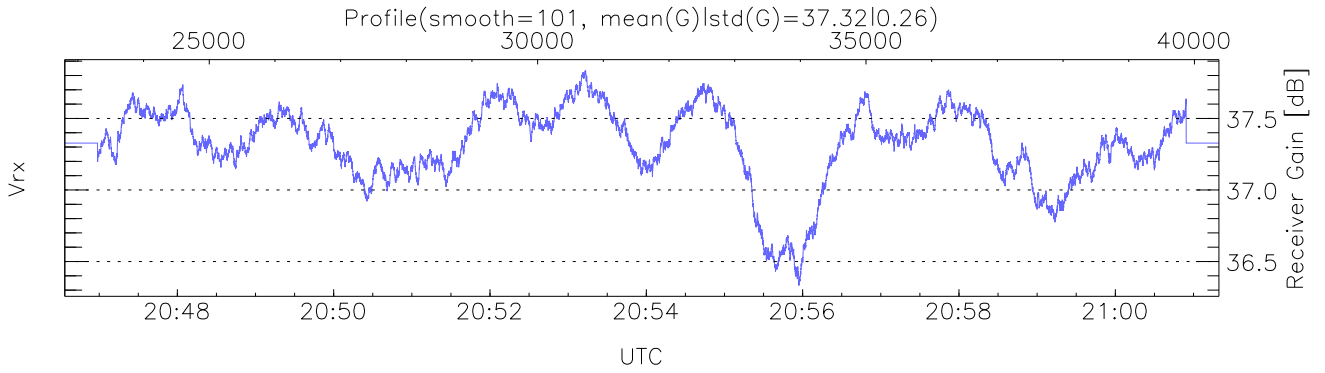
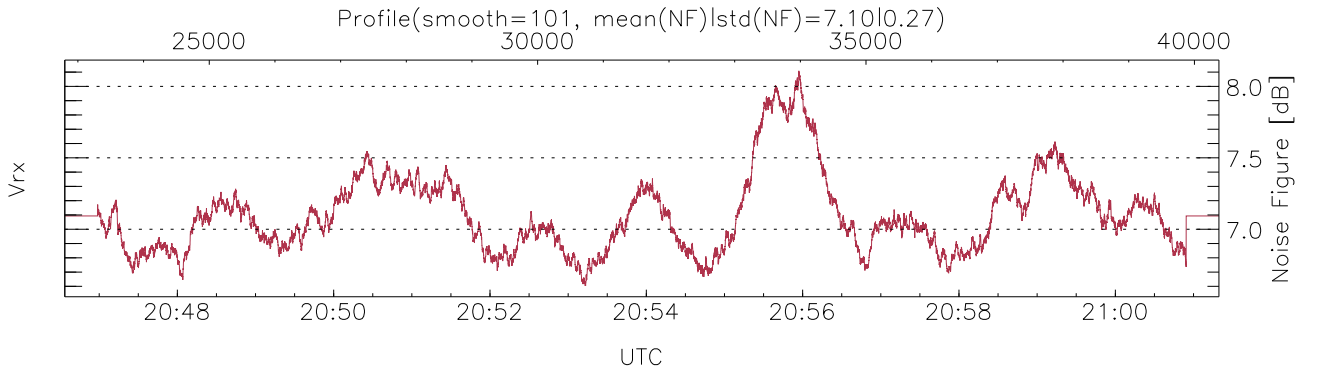
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:27:24-21:01:20, Dur: 2035.36s
 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): 17575/40375, 22800-40374/20:46:34-21:01:20
 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



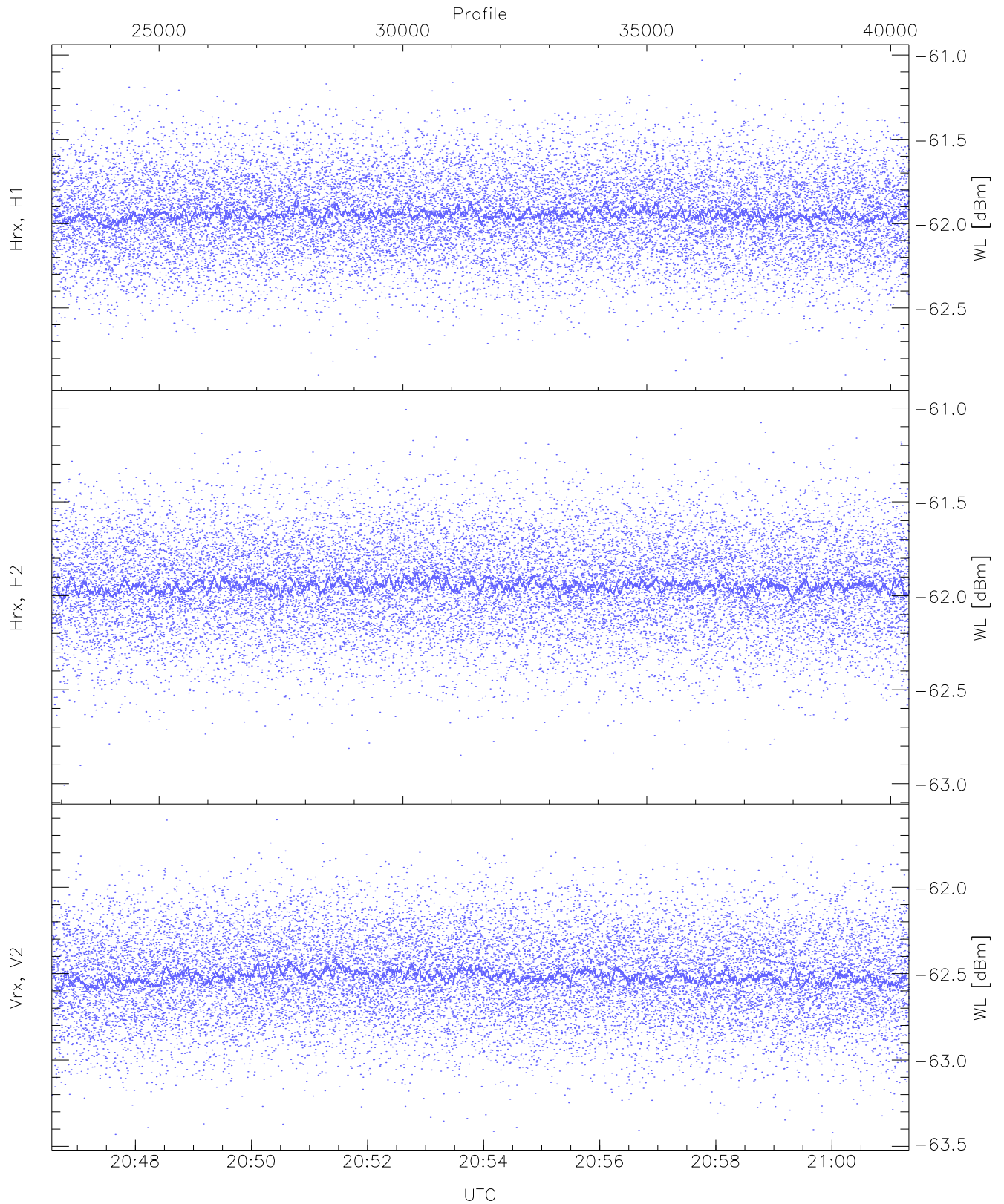
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,26,26,27
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,22,29,29,29
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (6,6,6,6,6,11)



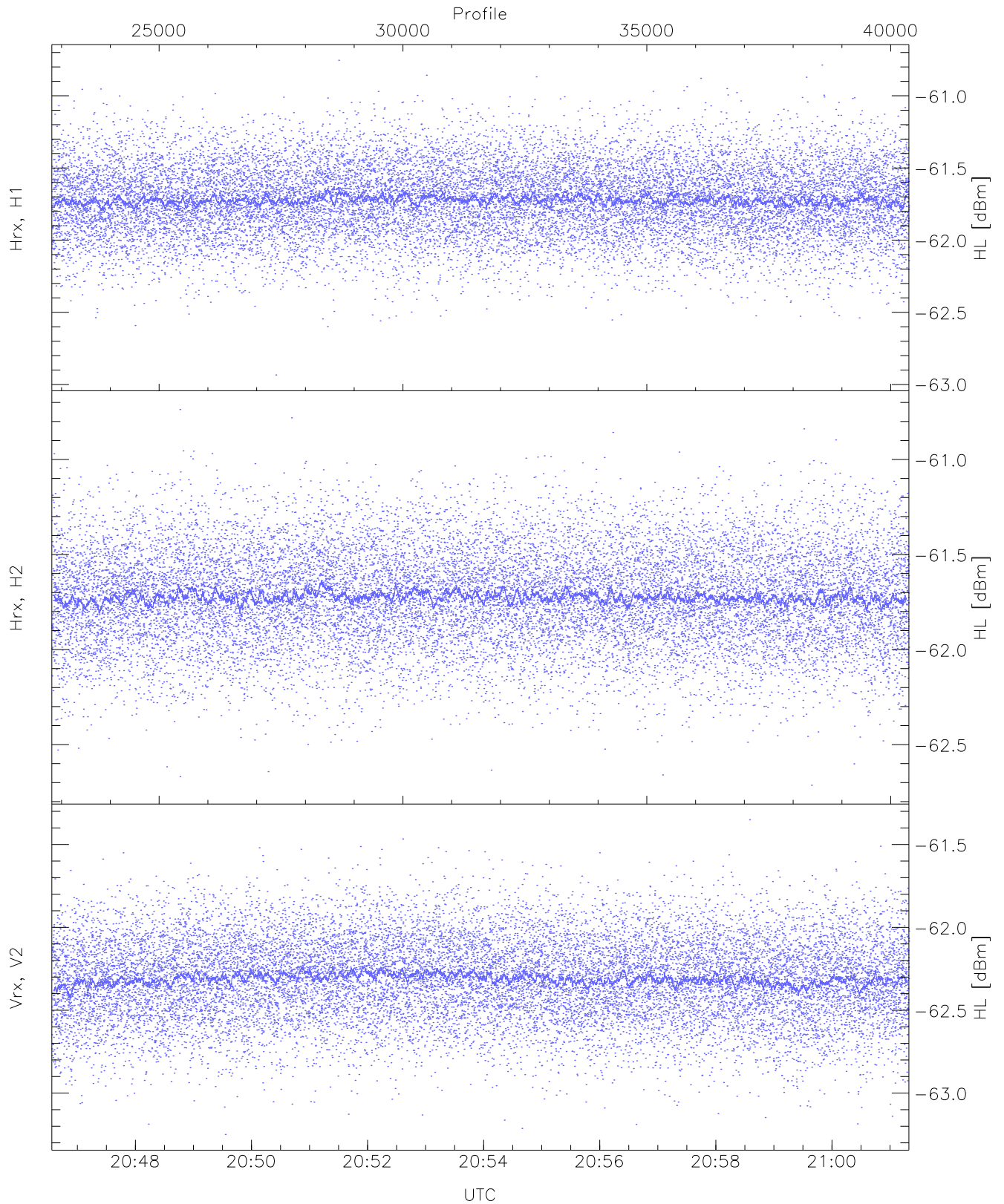
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 115 pixs, 12 gates, 115 profs, 1 prods



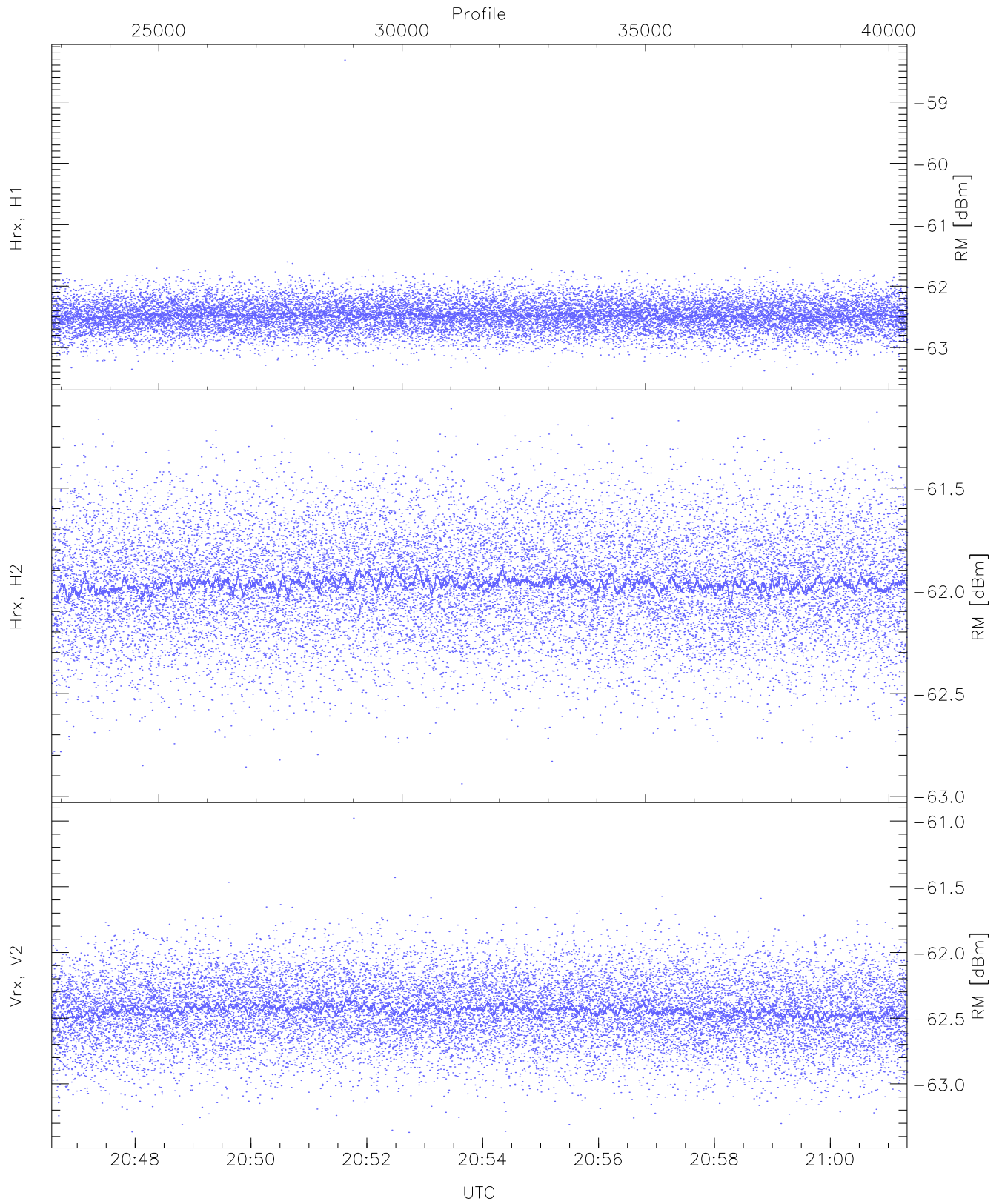
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.90	-61.03	-61.94	-61.95	-74.53
Hrx, H2 (WL [dBm])	-63.01	-61.01	-61.94	-61.94	-74.52
Vrx, V2 (WL [dBm])	-63.43	-61.61	-62.51	-62.52	-75.03



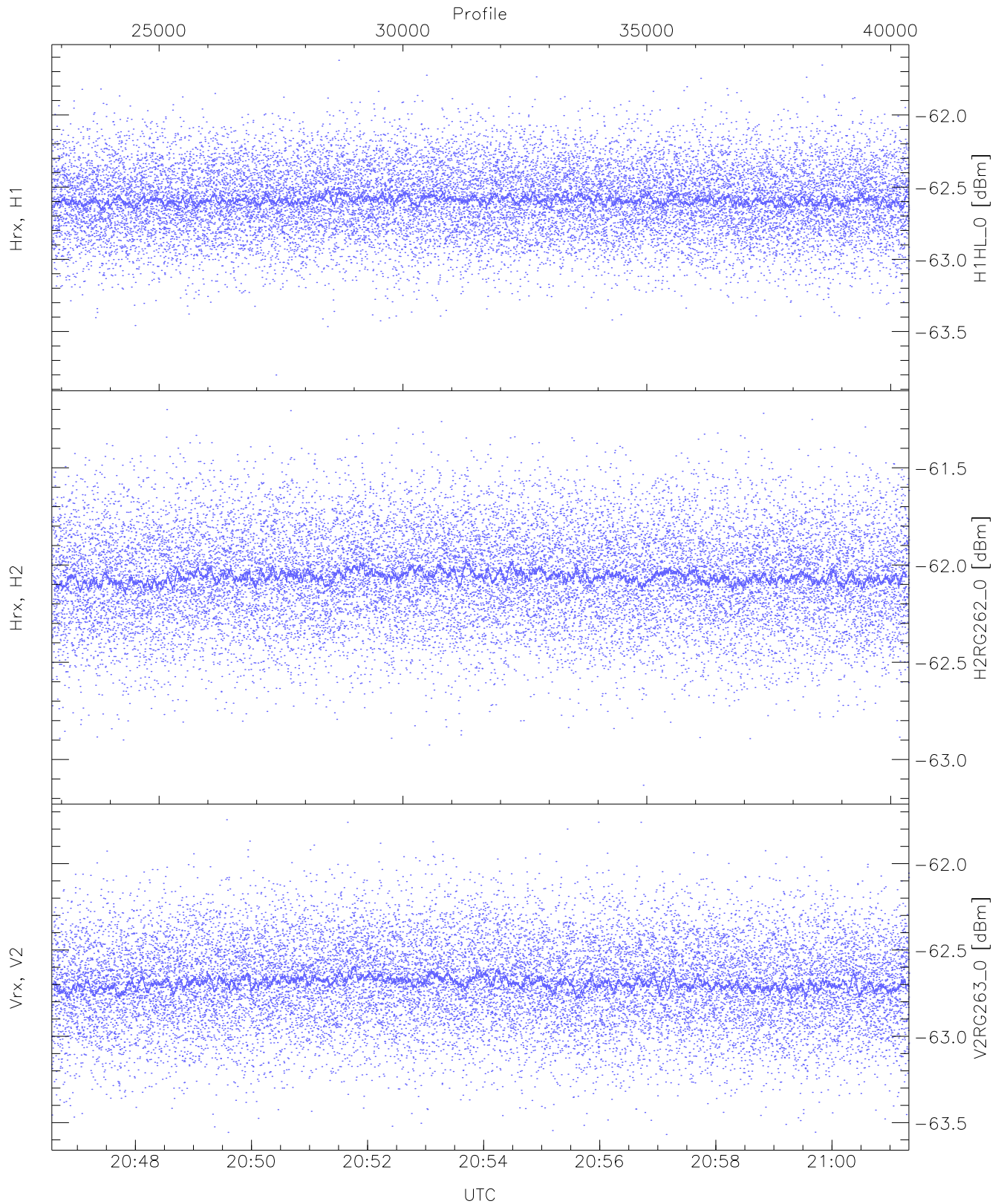
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.93	-60.75	-61.72	-61.72	-74.28
Hrx, H2 (HL [dBm])	-62.71	-60.74	-61.72	-61.73	-74.28
Vrx, V2 (HL [dBm])	-63.25	-61.35	-62.31	-62.31	-74.90



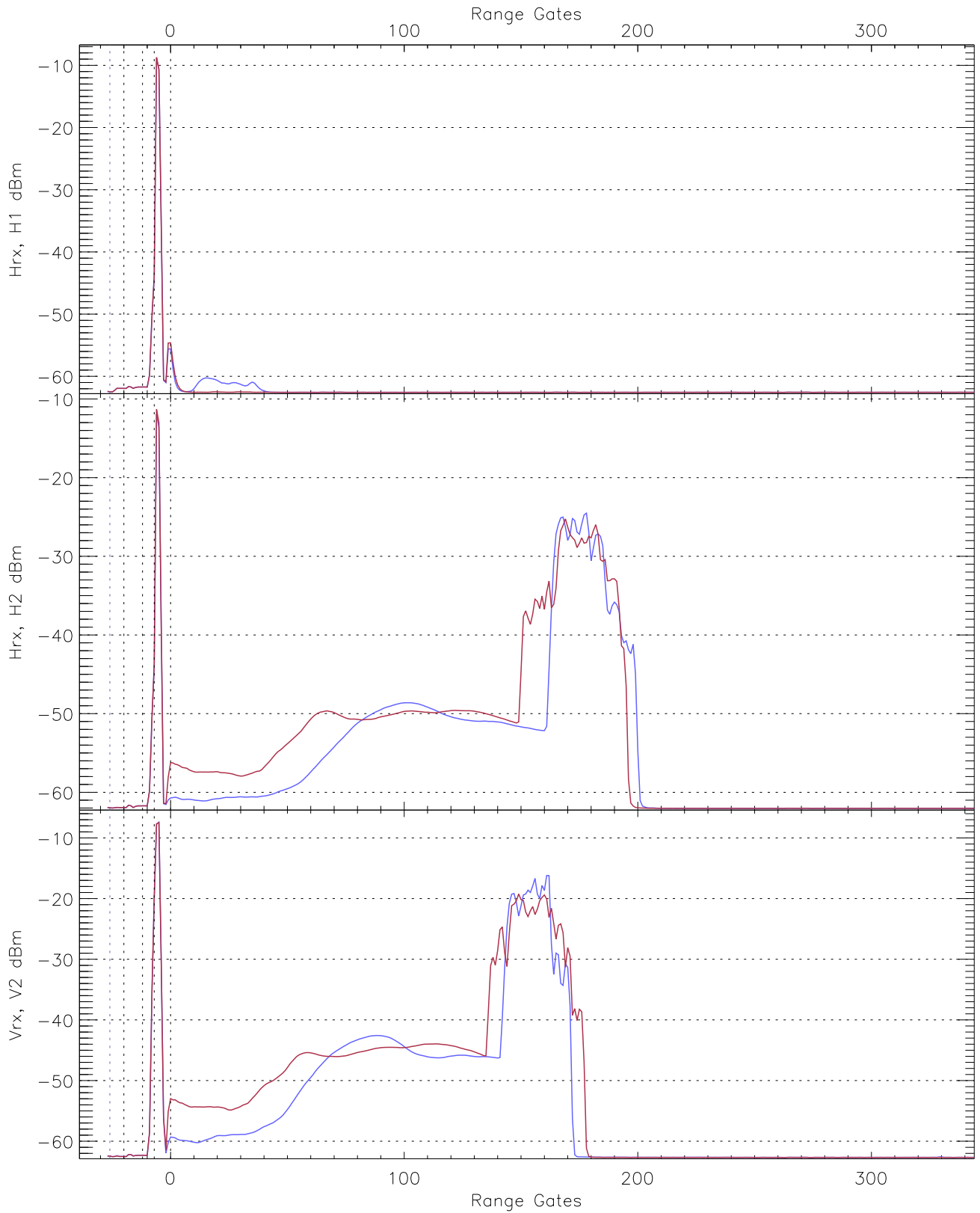
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.44	-58.32	-62.47	-62.48	-74.97
Hrx, H2 (RM [dBm])	-62.94	-61.11	-61.96	-61.97	-74.51
Vrx, V2 (RM [dBm])	-63.37	-60.98	-62.44	-62.44	-74.95

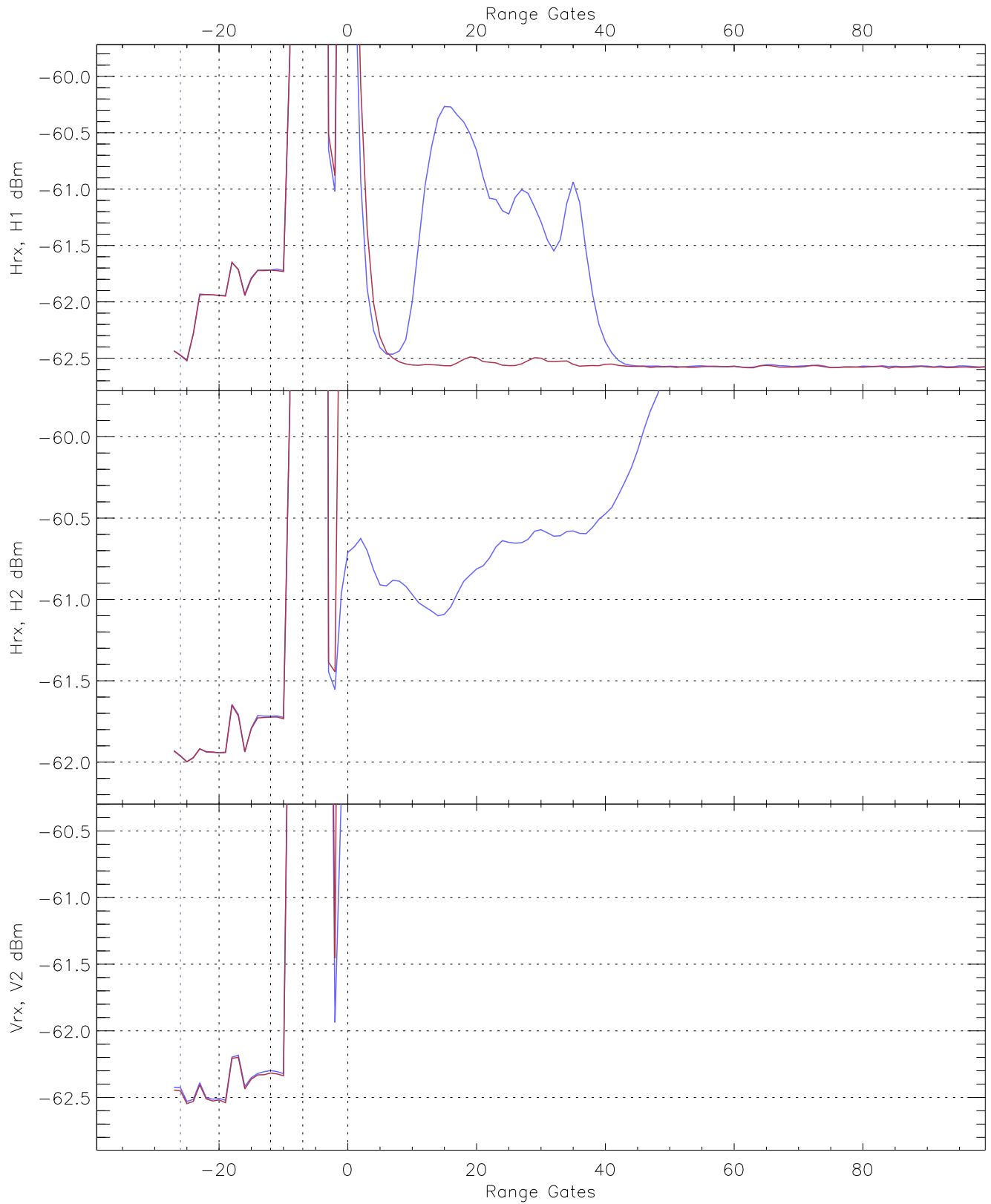


WCR2 CPP "Best" estimate Receivers Noise Power

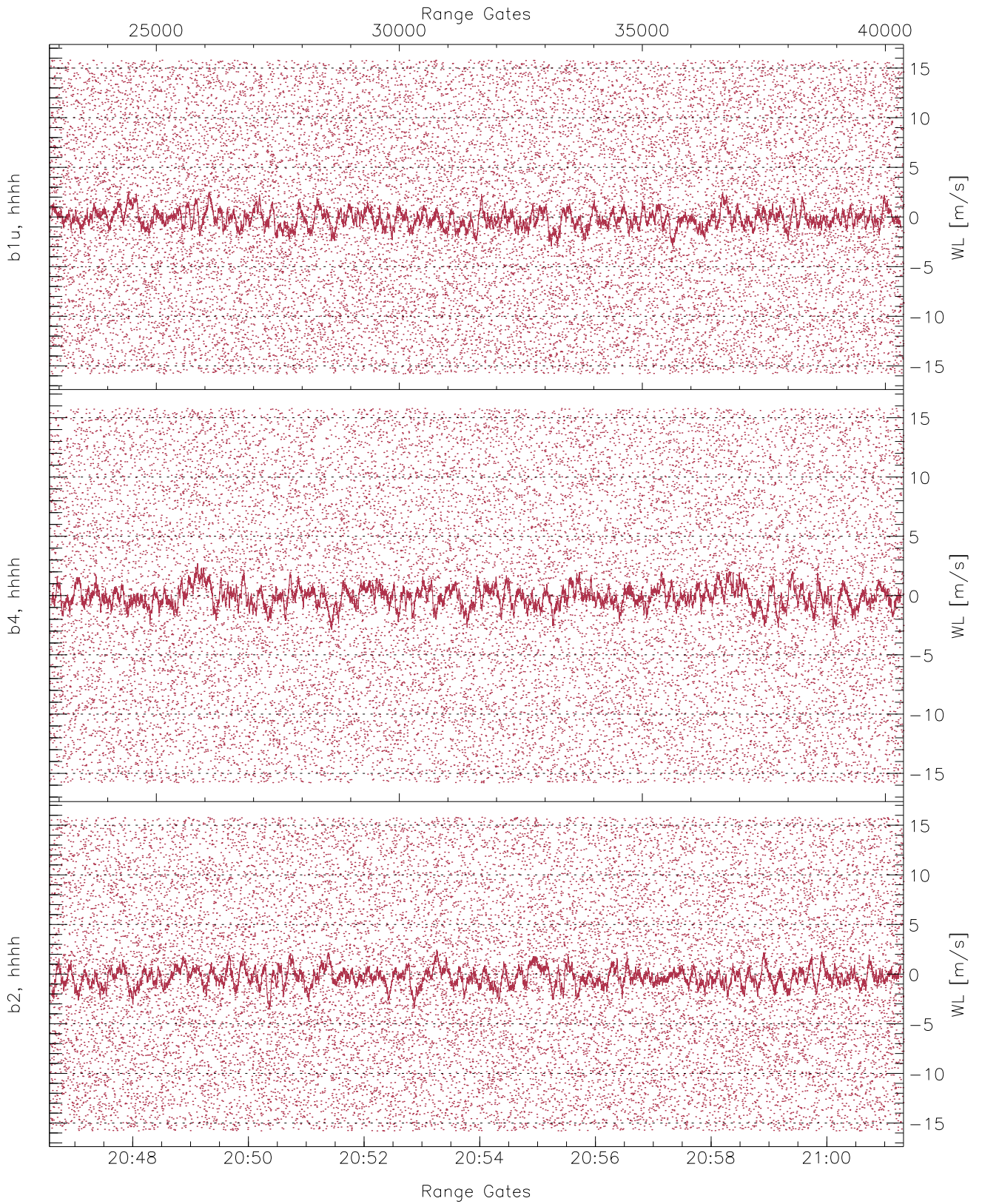
	Min	Max	Mean	Median	StDev
H1HL_0 [dBm]	-63.80	-61.62	-62.59	-62.59	-75.15
H2RG262_0 [dBm]	-63.13	-61.20	-62.06	-62.06	-74.63
V2RG263_0 [dBm]	-63.57	-61.75	-62.69	-62.69	-75.18



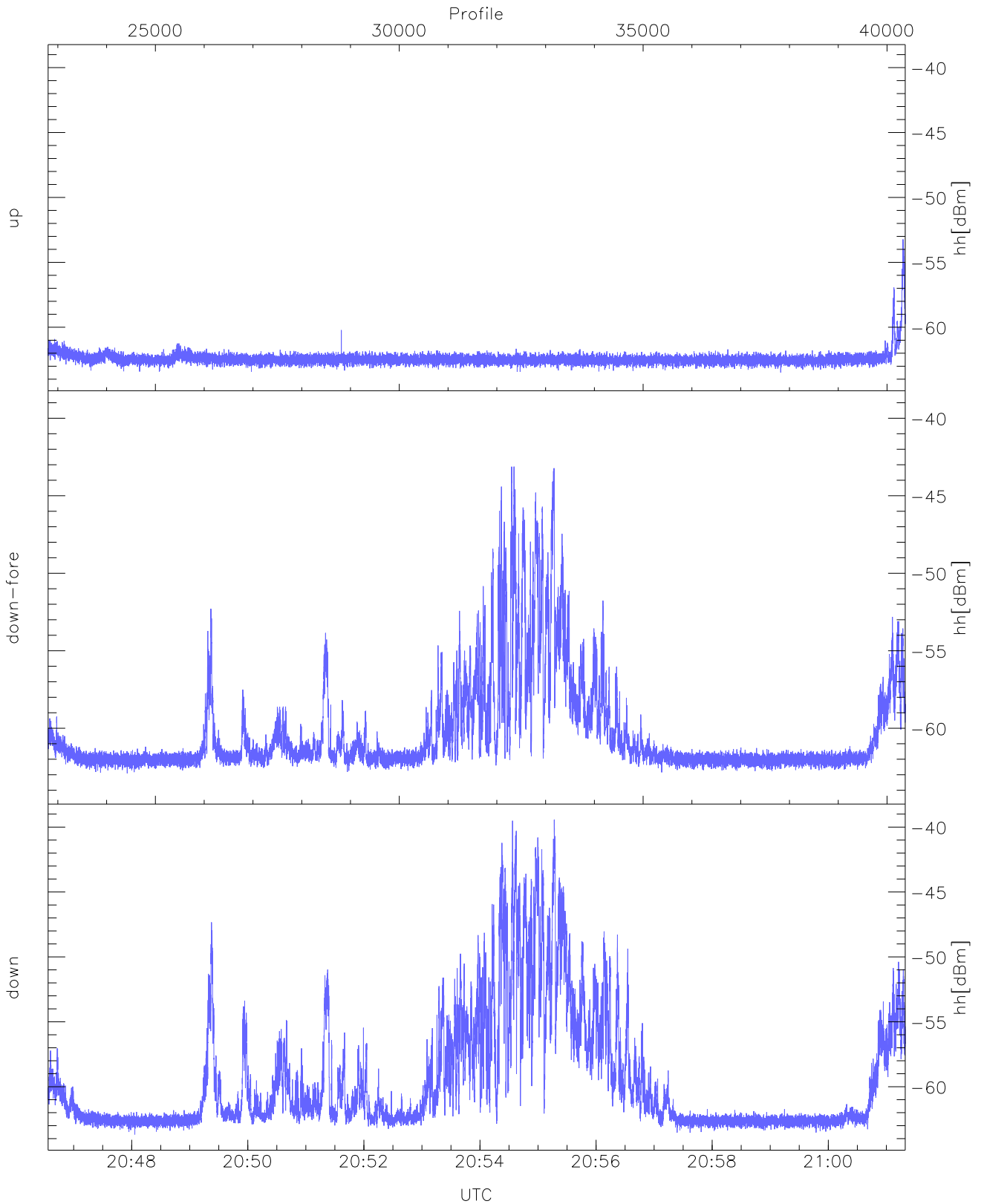
WCR2 CPP Averaged Received power for all recorded gates
blue: 204634-205357, 8788 profiles averaged
red: 205357-210120, 8788 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 204634-205357, 8788 profiles averaged
red: 205357-210120, 8788 profiles averaged

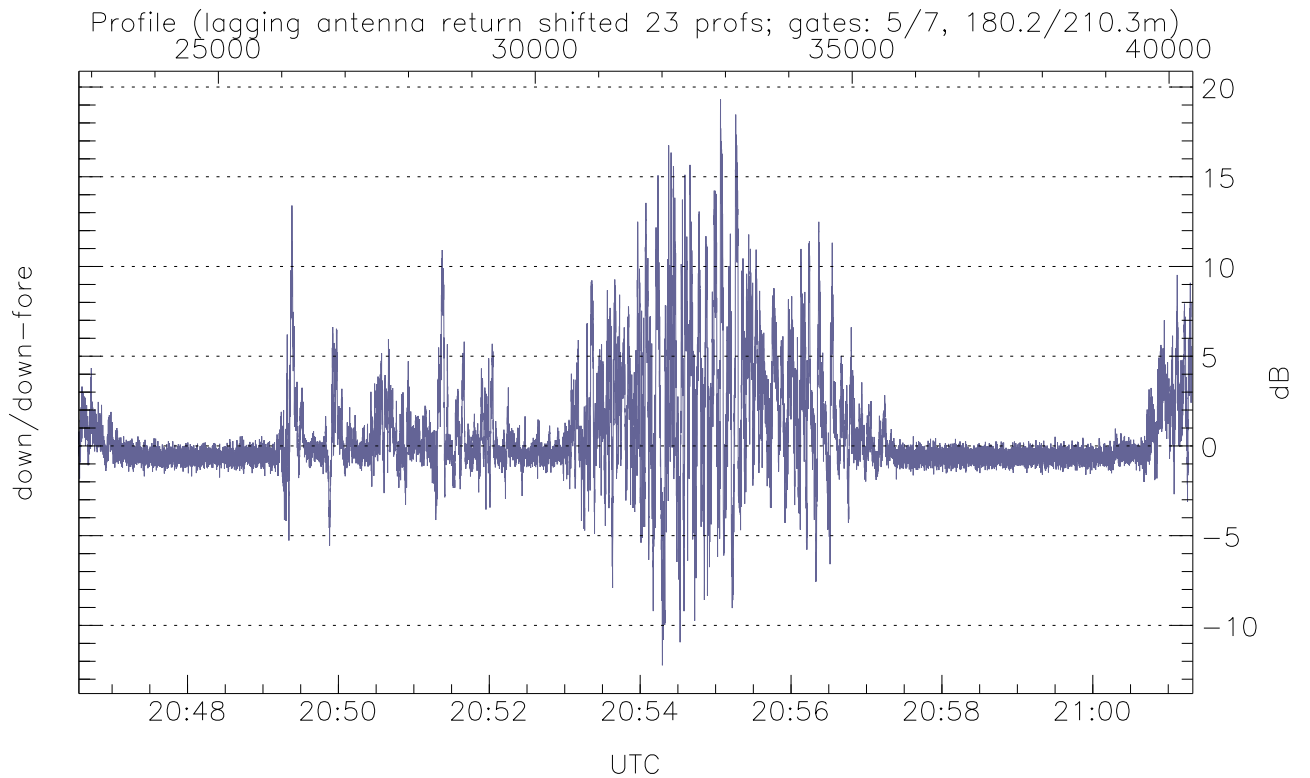
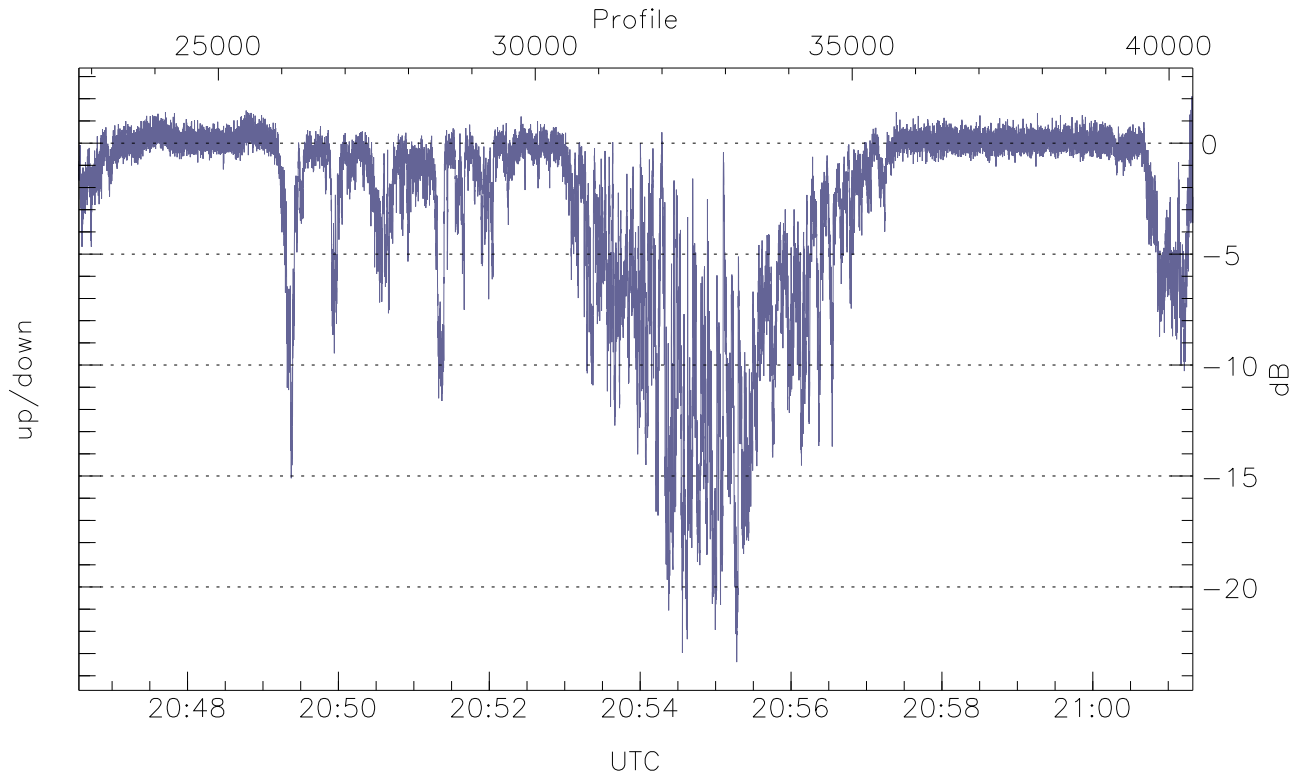


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



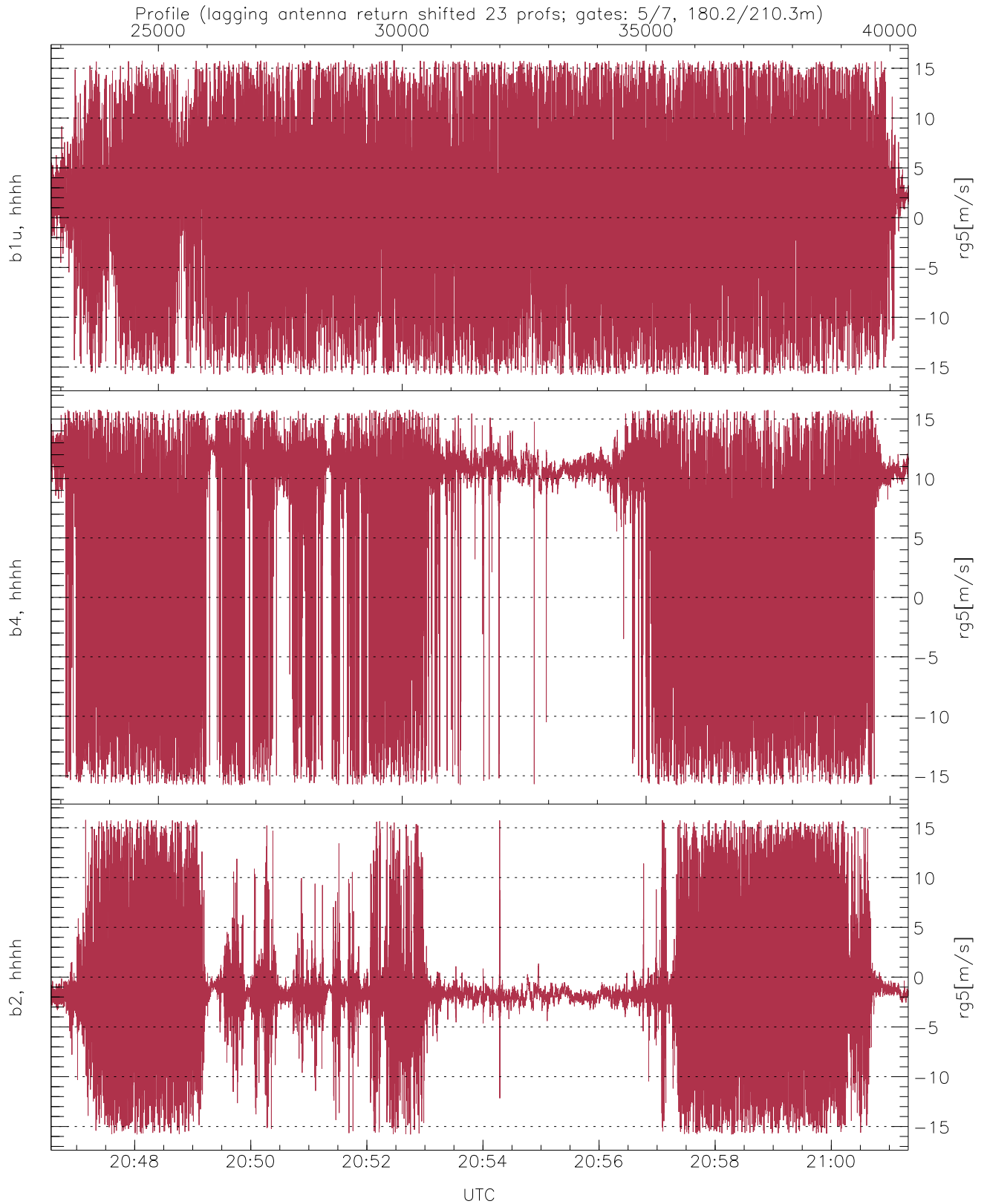
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh [dBm])	-63.49	-53.22	-62.36
down-fore(hh [dBm])	-62.91	-43.12	-58.42
down(hh [dBm])	-63.68	-39.44	-55.78



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

	Min	Max	Mean
up/down (dB)	-23.38	2.11	-2.76
down/down-fore (dB)	-12.22	19.31	0.67



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.22	8.00
b4, hhhh(rg5[m/s])	-15.80	15.80	5.34	8.76
b2, hhhh(rg5[m/s])	-15.80	15.79	-1.33	5.48