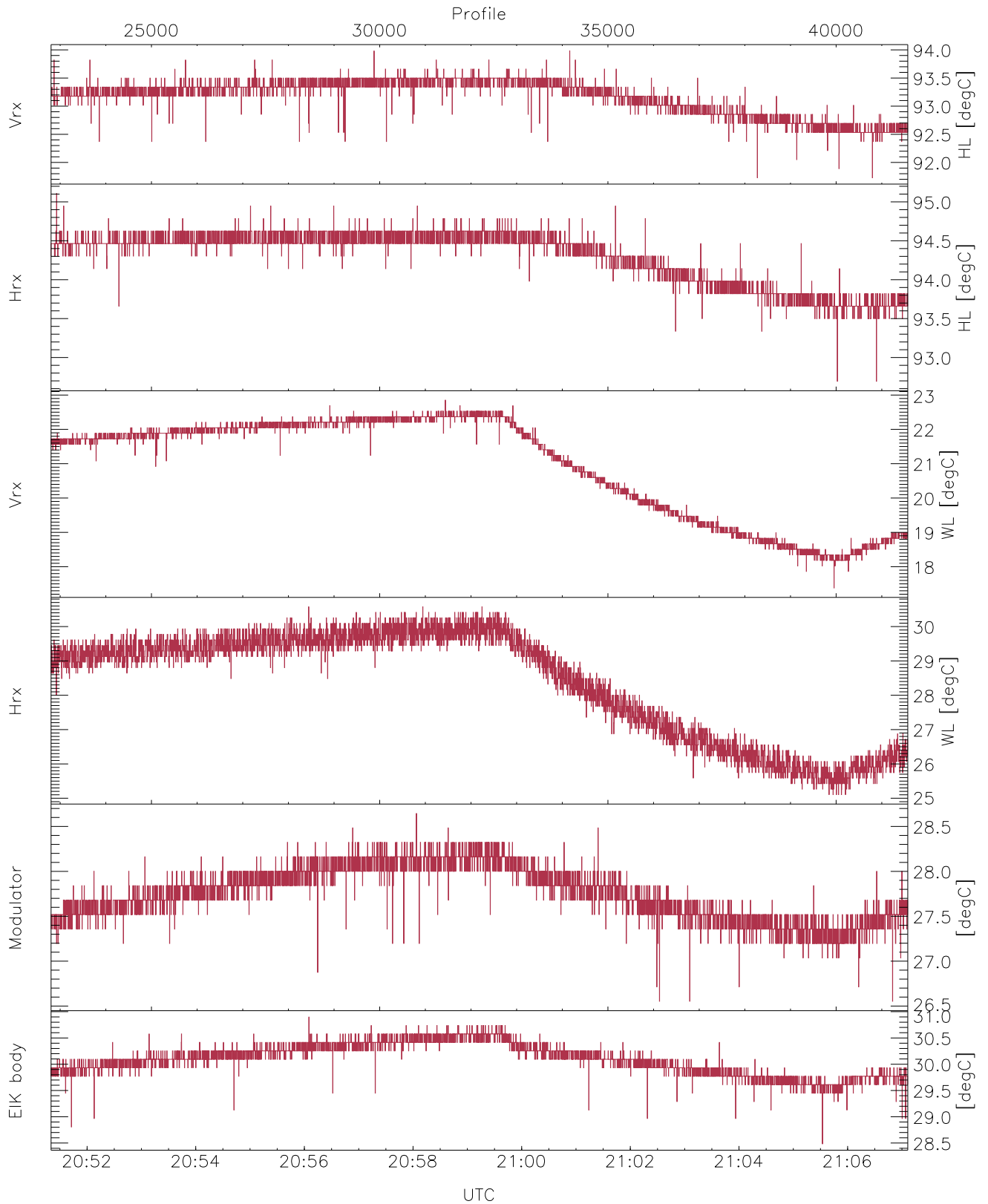


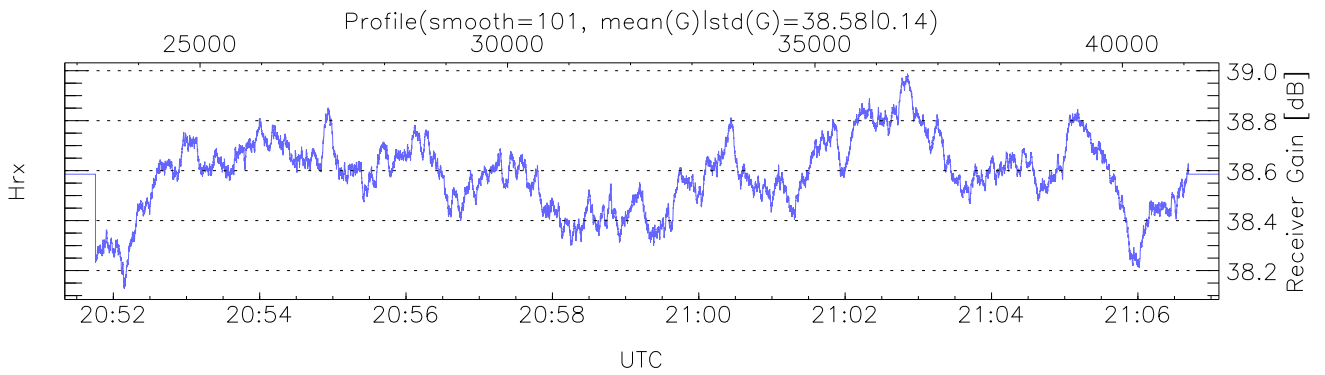
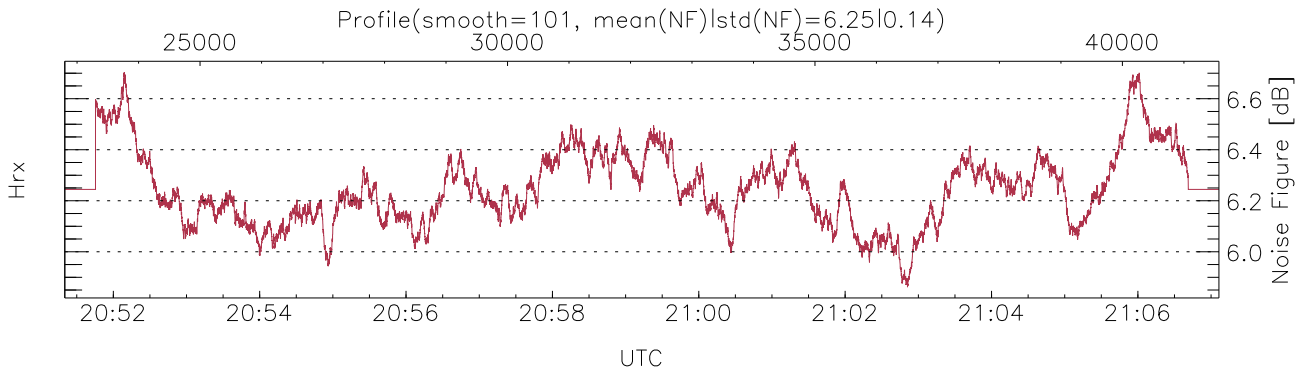
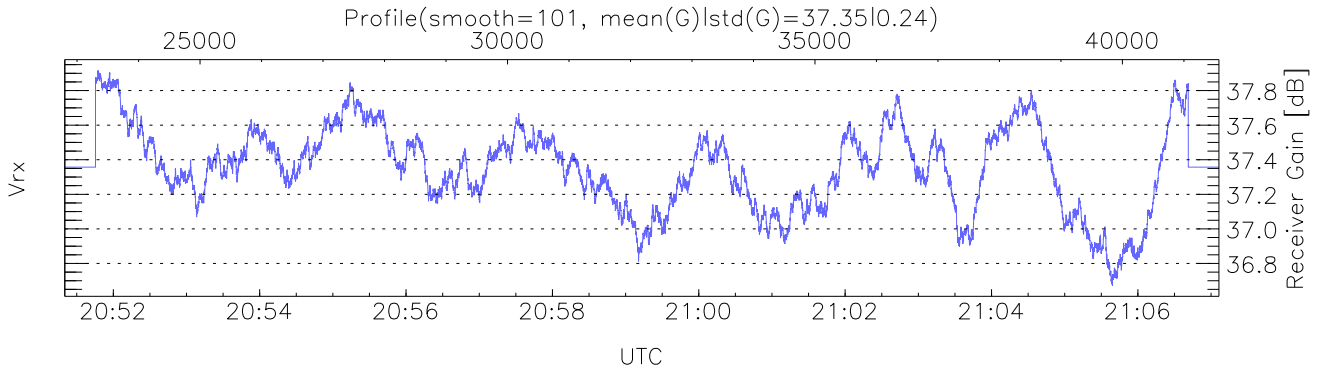
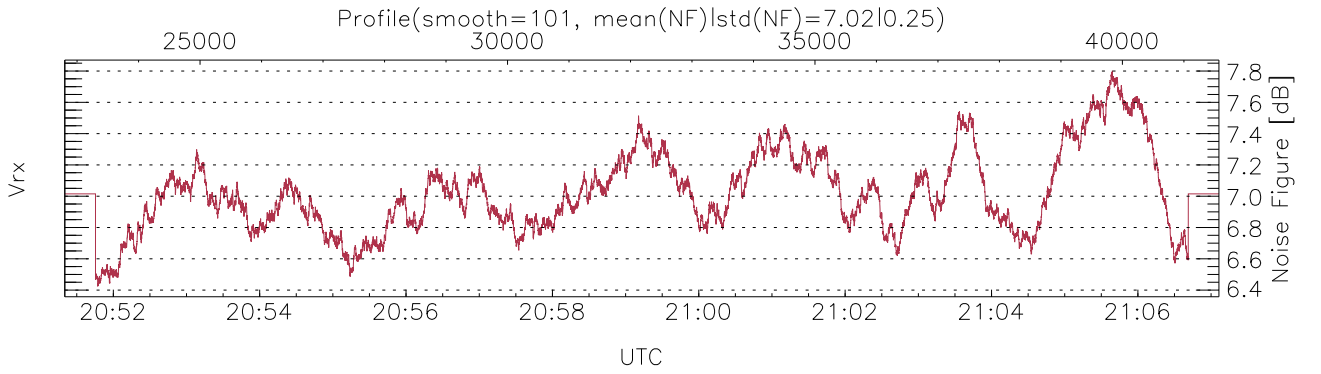
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:32:11-21:07:06, Dur: 2095.65s
 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): 18771/41571, 22800-41570/20:51:20-21:07:06
 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



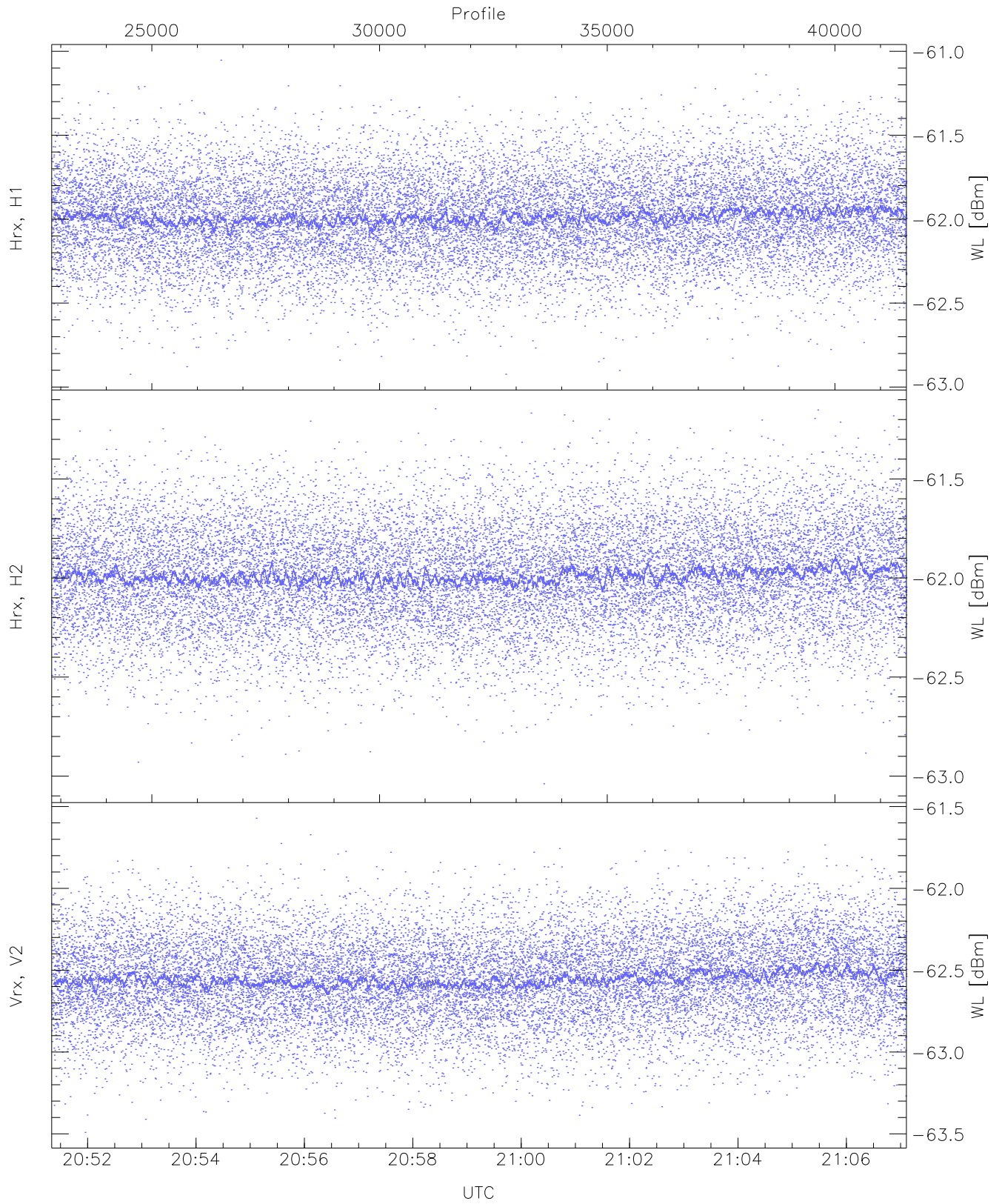
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,25,26,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,28,30
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,5,5)



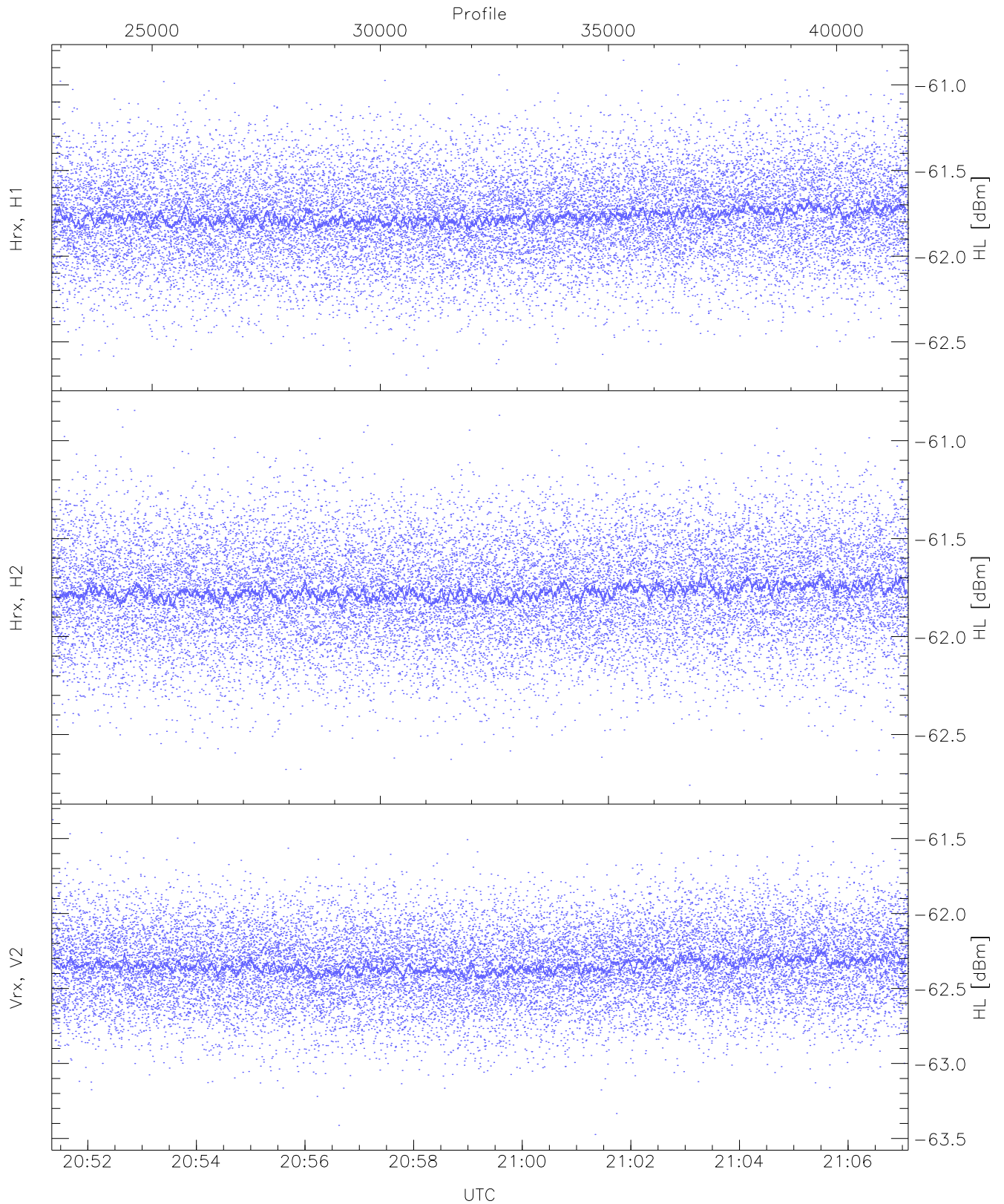
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 14139 pixs, 48 gates, 11797 profs, 2 prods



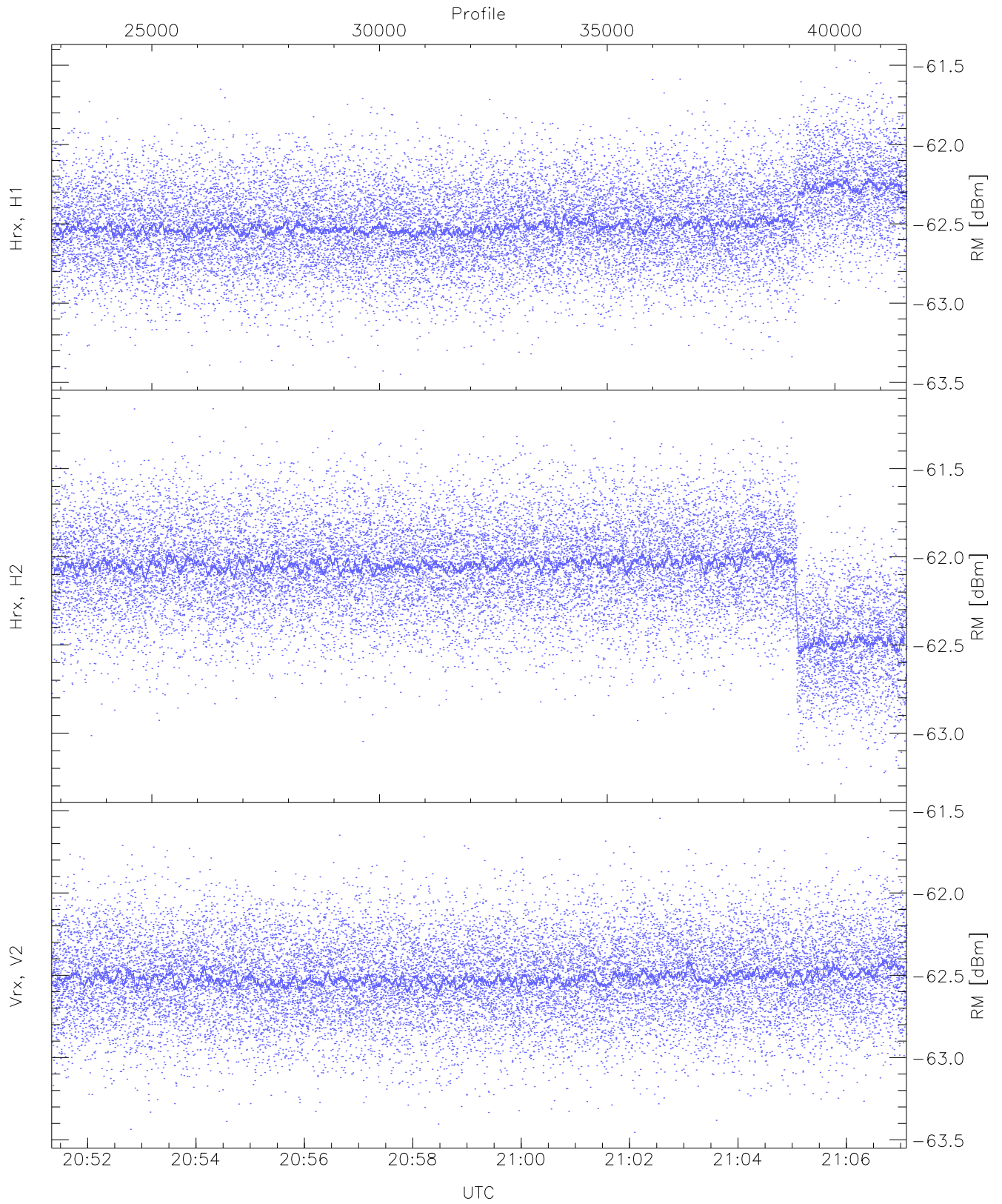
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.92	-61.05	-61.99	-61.99	-74.57
Hrx, H2 (WL [dBm])	-63.04	-61.15	-61.99	-61.99	-74.54
Vrx, V2 (WL [dBm])	-63.49	-61.57	-62.55	-62.56	-75.08



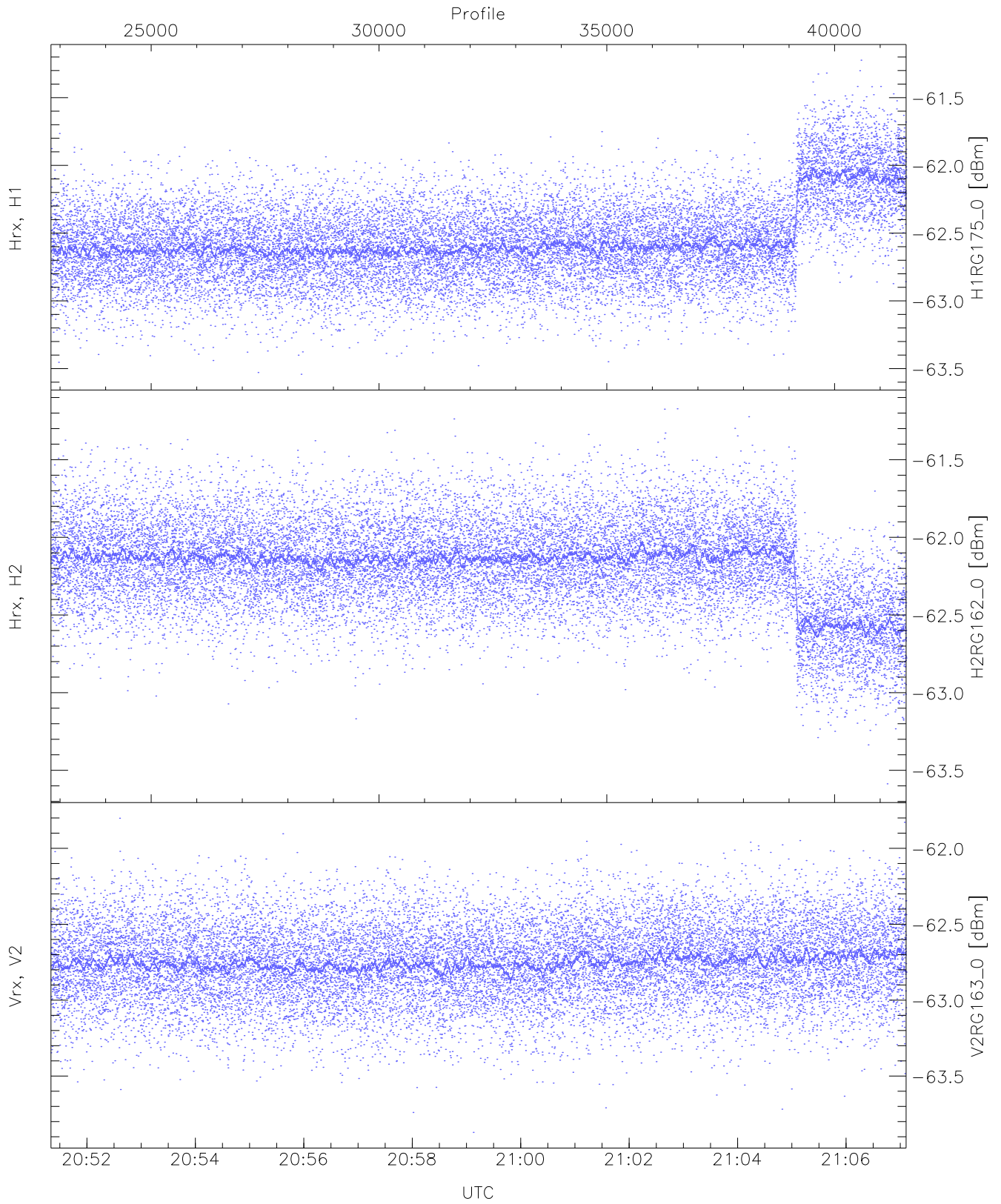
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.69	-60.86	-61.77	-61.77	-74.31
Hrx, H2 (HL [dBm])	-62.76	-60.84	-61.77	-61.77	-74.31
Vrx, V2 (HL [dBm])	-63.47	-61.37	-62.34	-62.35	-74.87



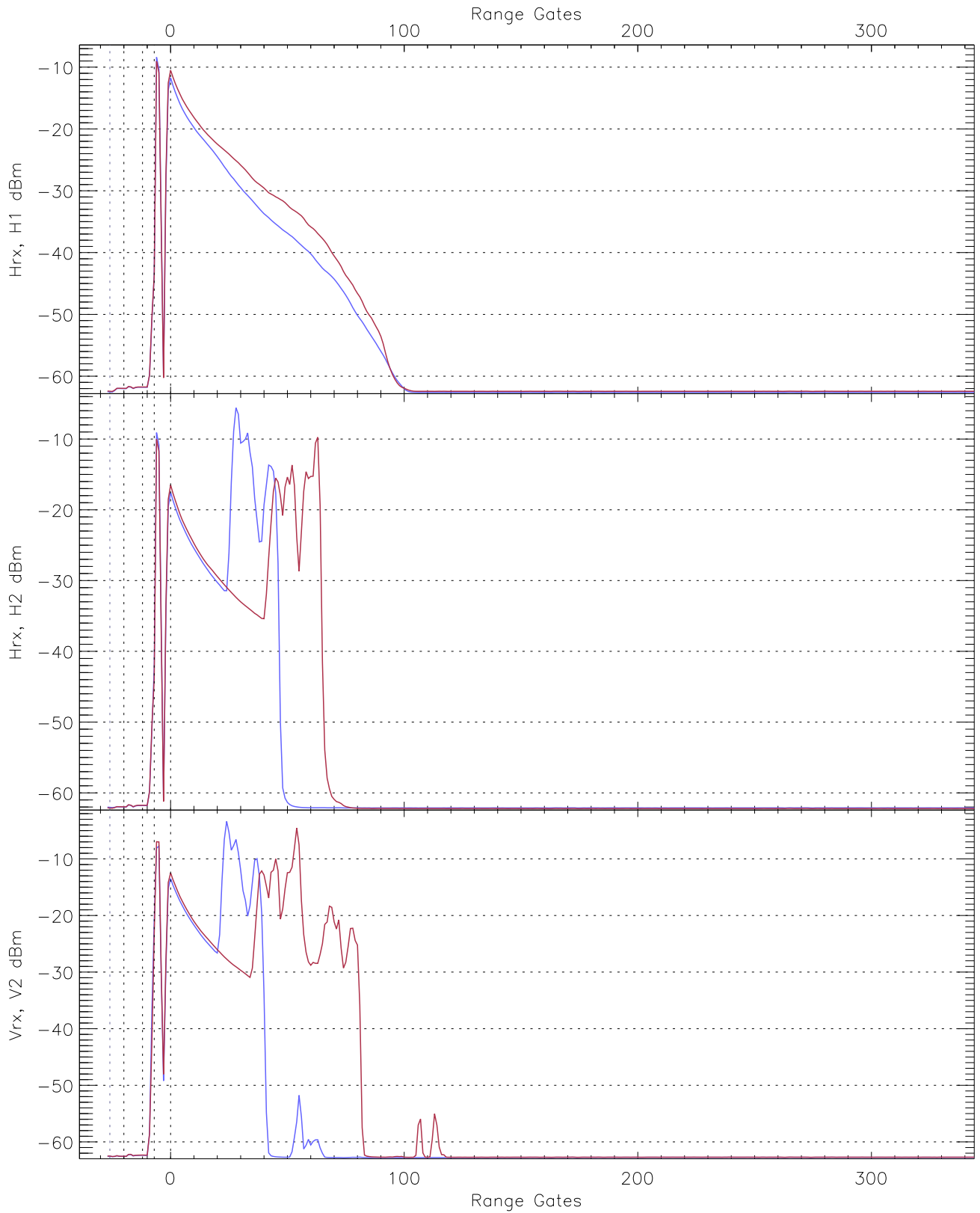
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.45	-61.47	-62.48	-62.49	-74.76
Hrx, H2(RM [dBm])	-63.29	-61.16	-62.09	-62.08	-73.99
Vrx, V2(RM [dBm])	-63.45	-61.55	-62.51	-62.52	-75.03

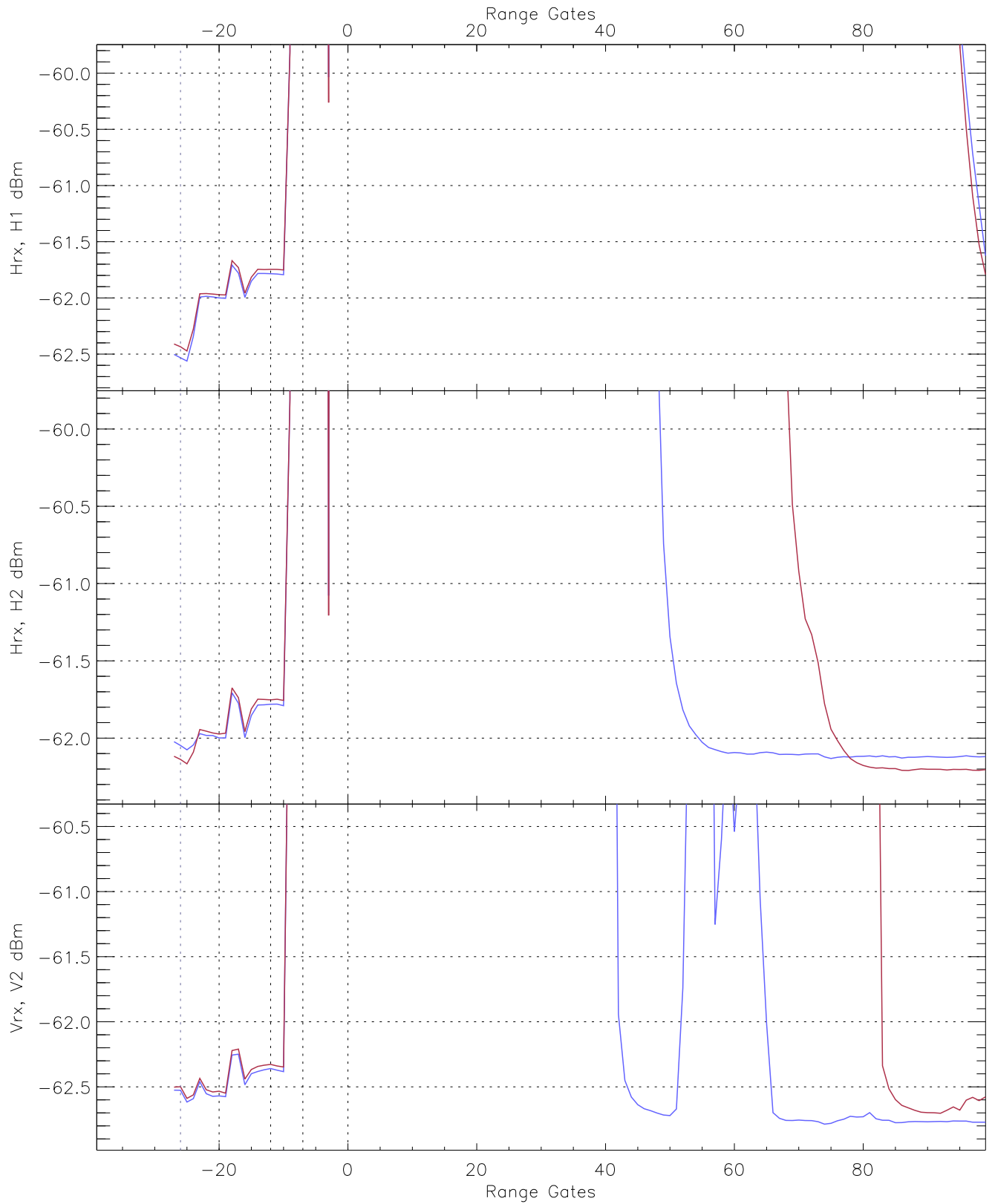


WCR2 CPP "Best" estimate Receivers Noise Power

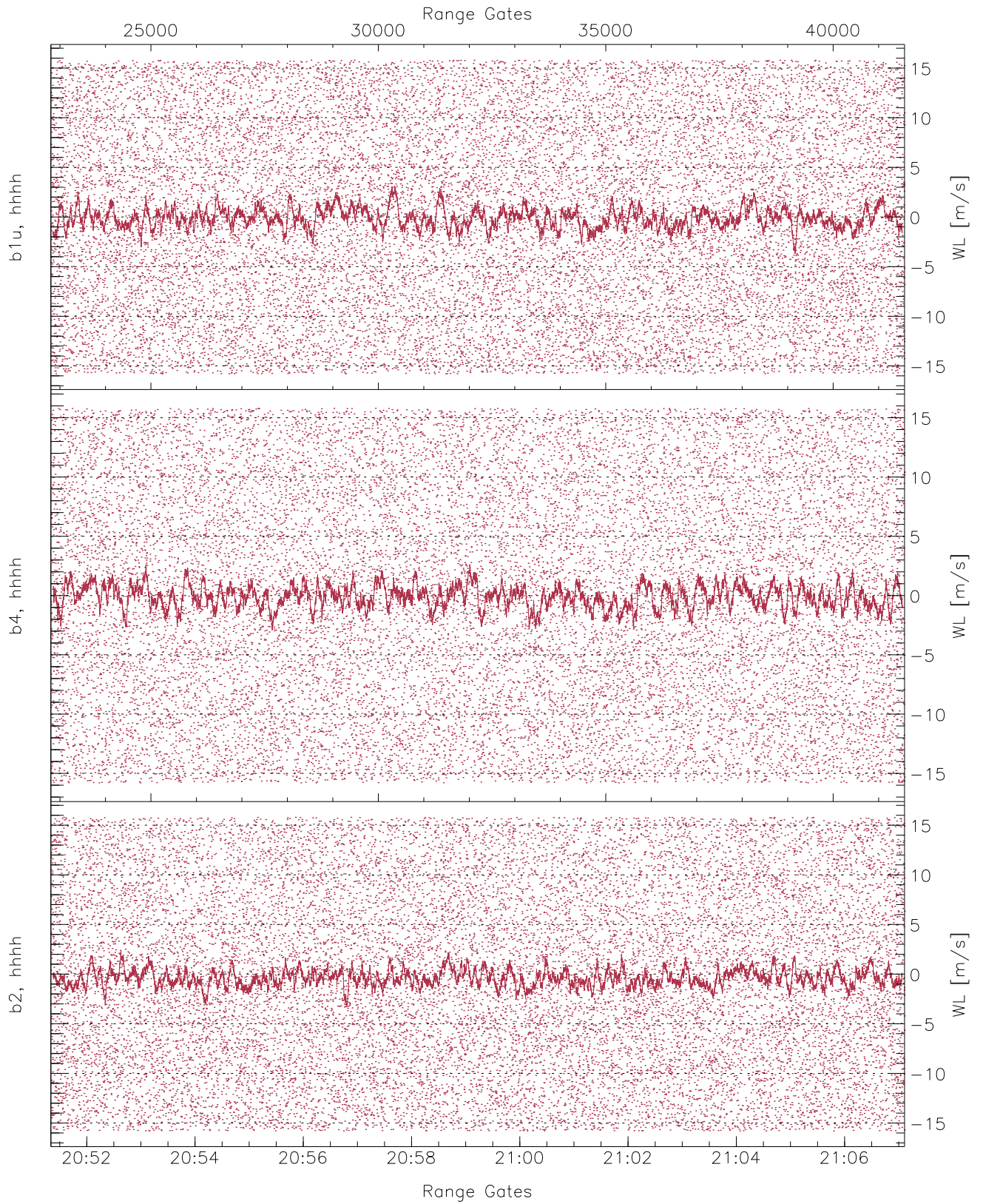
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.54	-61.22	-62.54	-62.57	-74.08
H2RG162_0 [dBm]	-63.59	-61.17	-62.18	-62.17	-74.06
V2RG163_0 [dBm]	-63.87	-61.80	-62.75	-62.75	-75.27



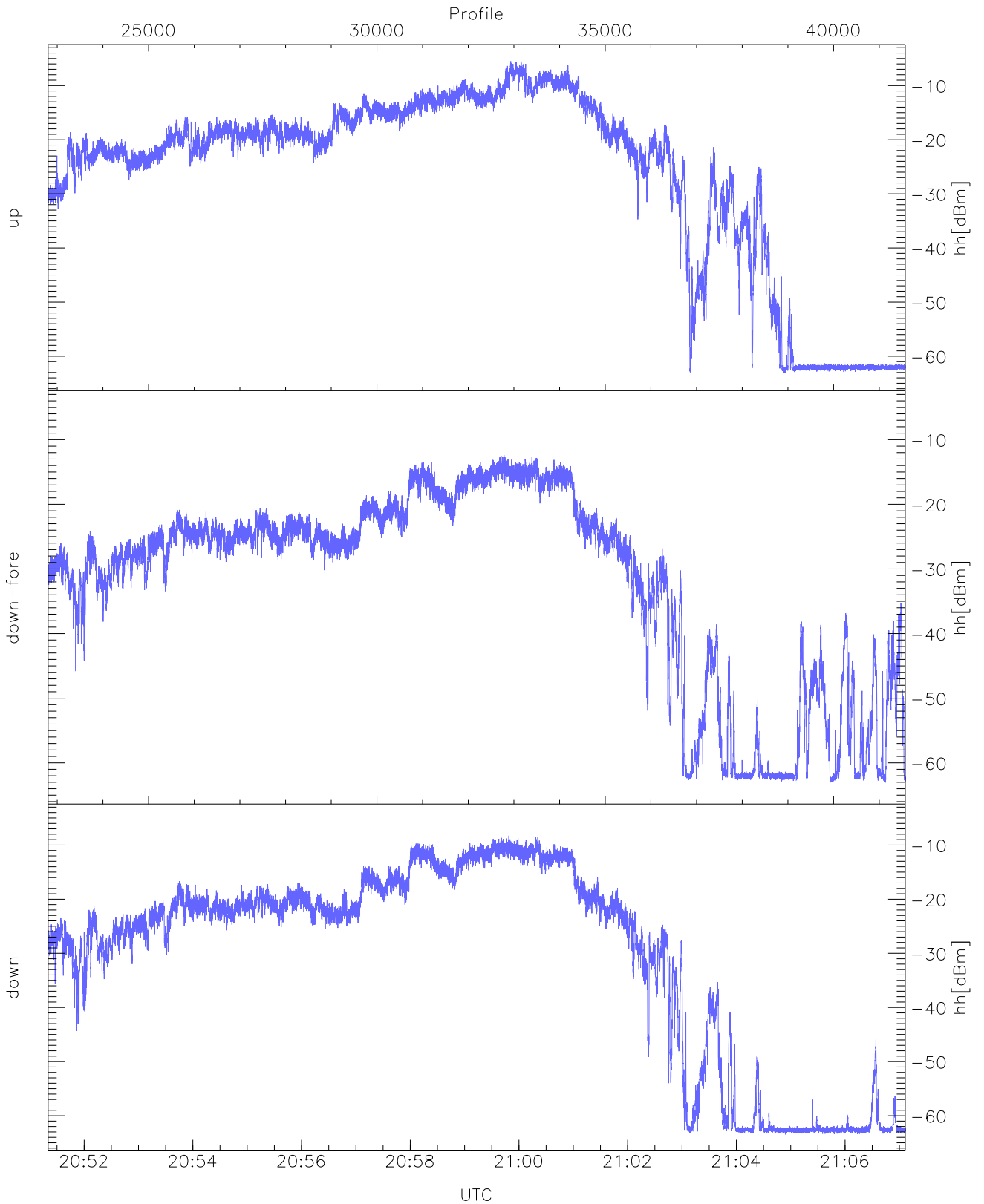
WCR2 CPP Averaged Received power for all recorded gates
blue: 205120-205913, 9386 profiles averaged
red: 205913-210706, 9386 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 205120-205913, 9386 profiles averaged
red: 205913-210706, 9386 profiles averaged

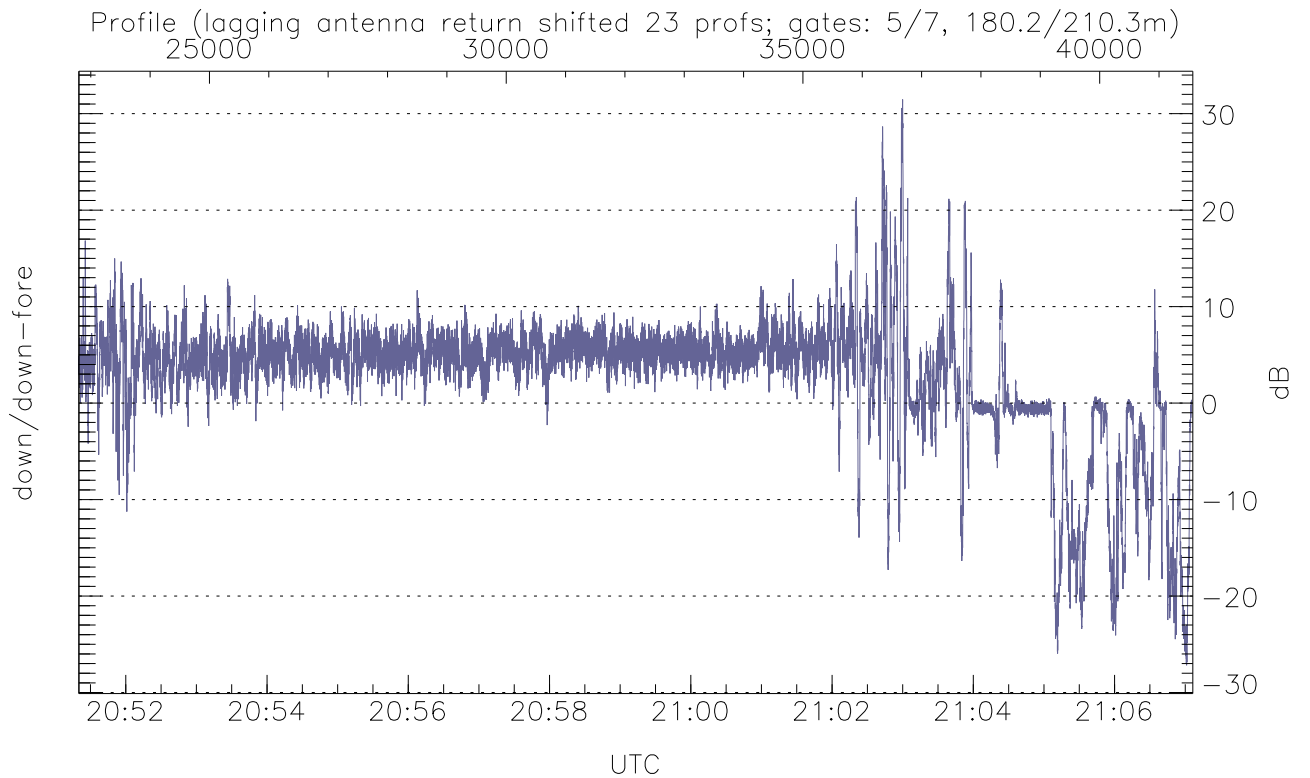
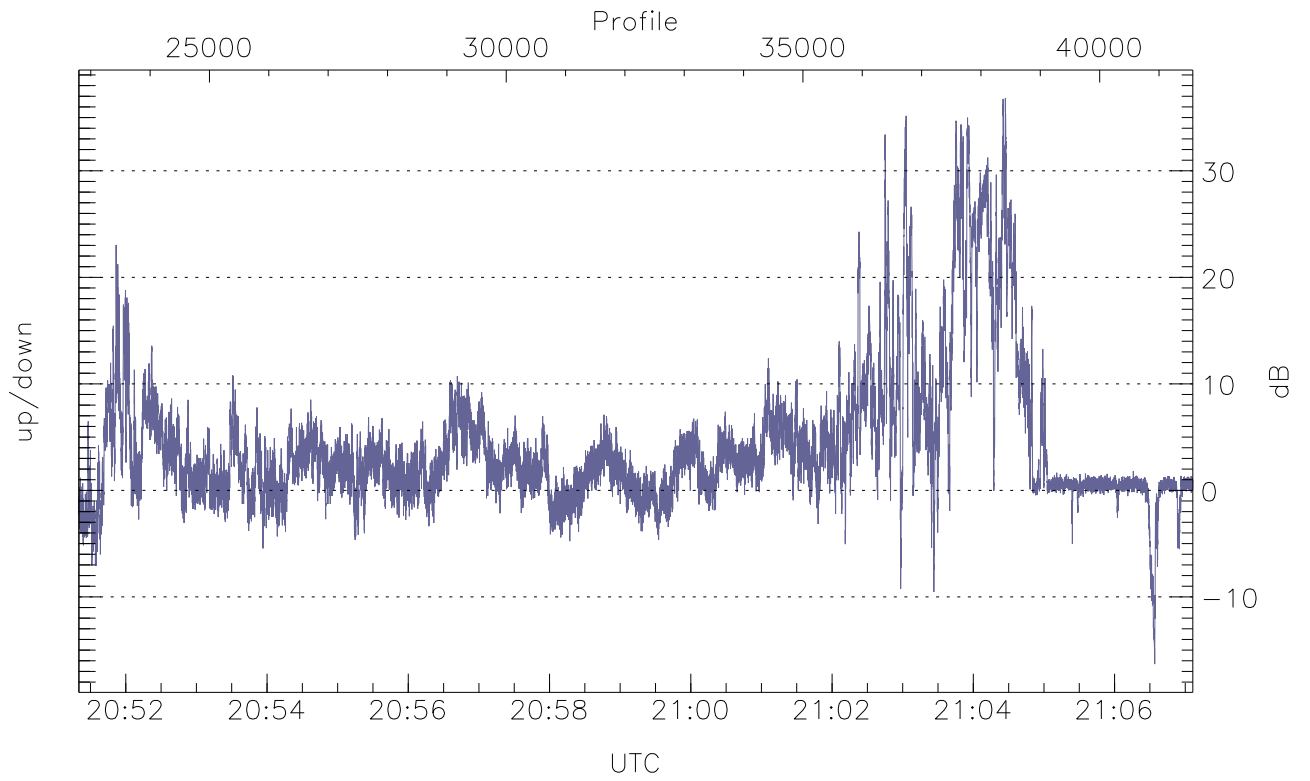


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



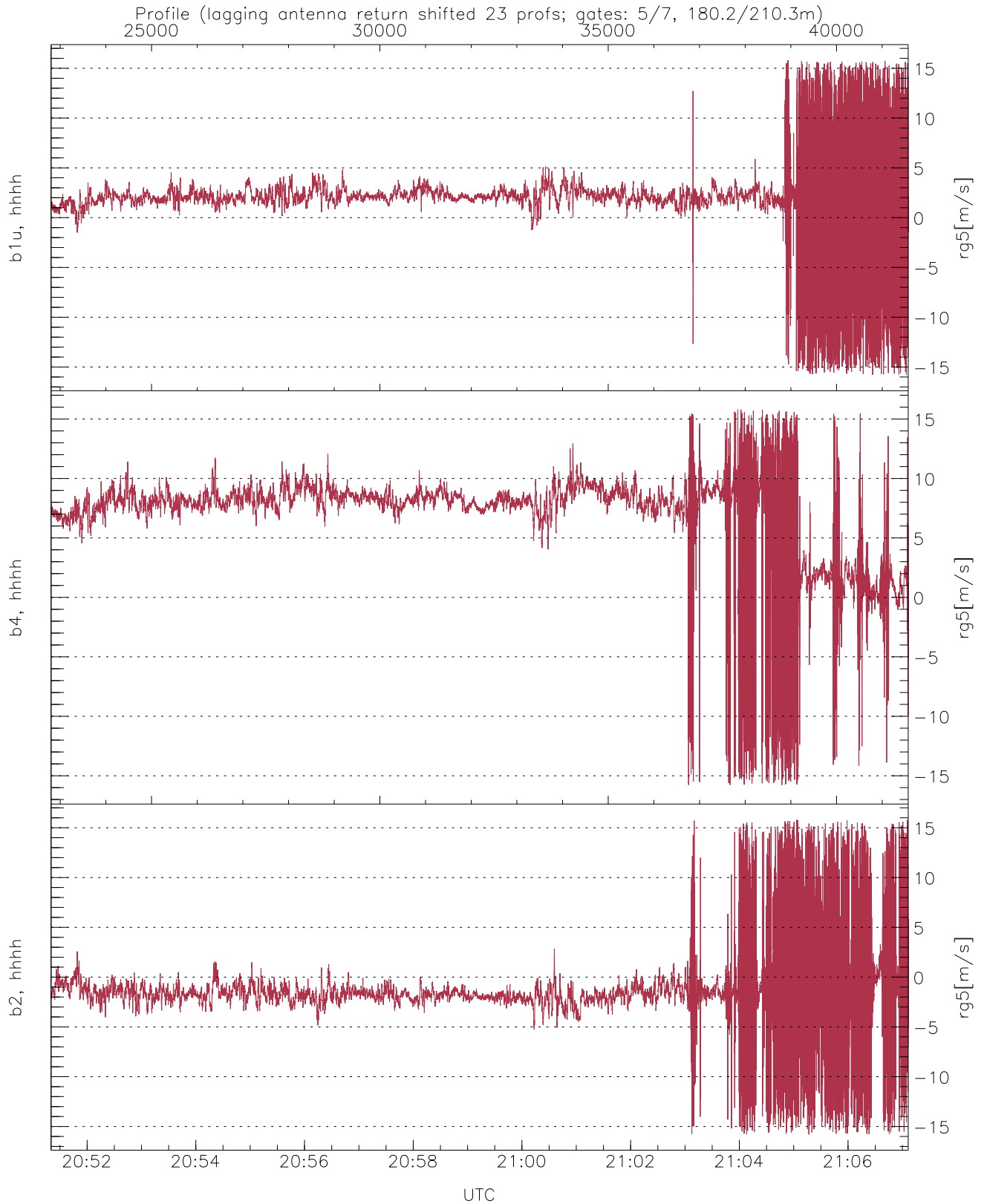
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-62.98	-5.33	-15.86
down-fore(hh[dBm])	-63.04	-12.39	-21.79
down(hh[dBm])	-63.46	-8.26	-17.84



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

	Min	Max	Mean
up/down (dB)	-16.31	36.81	4.20
down/down-fore (dB)	-27.17	31.47	2.79



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.80	1.83	3.46
b4, hhhh(rg5[m/s])	-15.78	15.80	6.87	3.95
b2, hhhh(rg5[m/s])	-15.80	15.80	-1.47	3.58