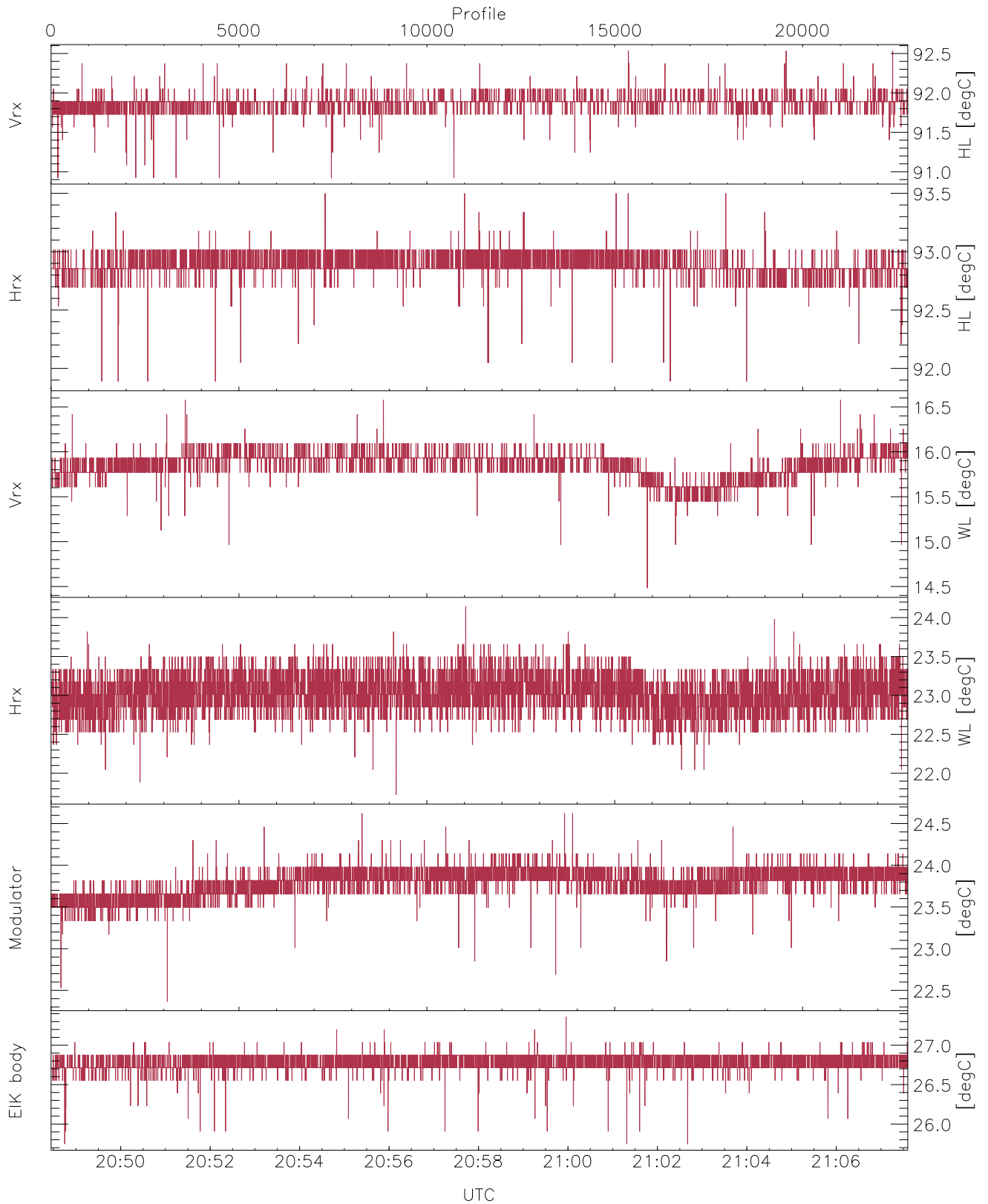


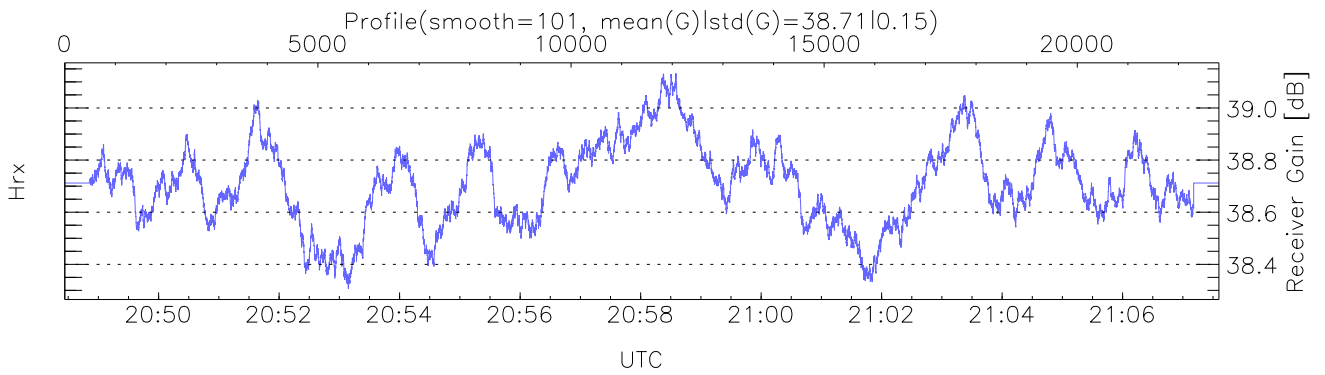
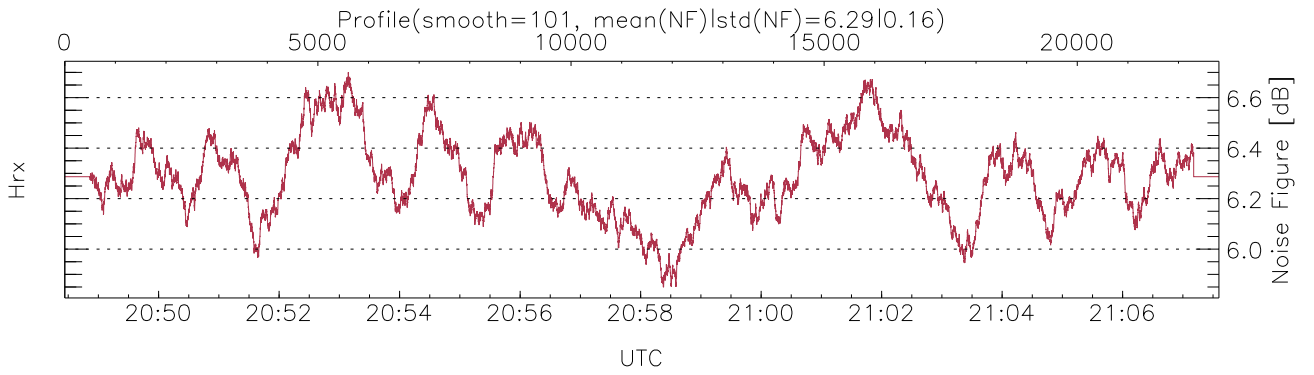
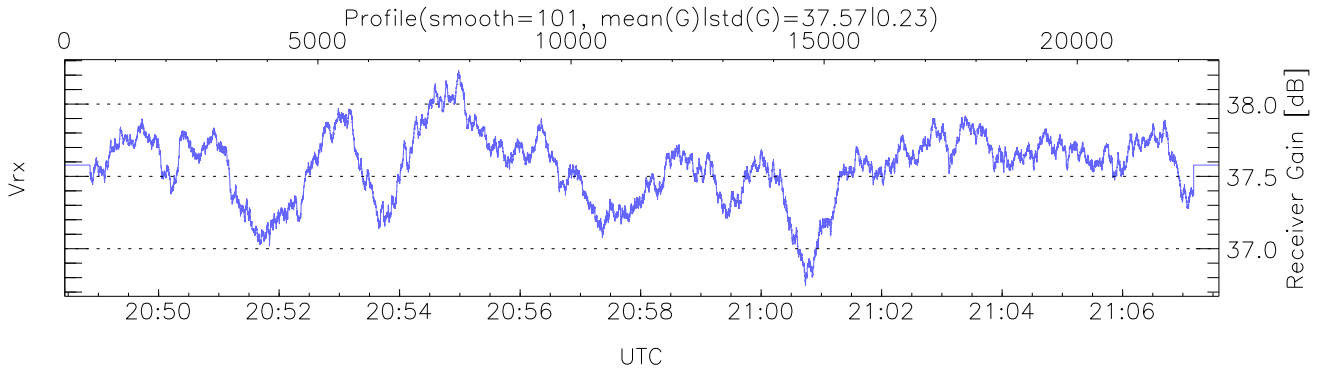
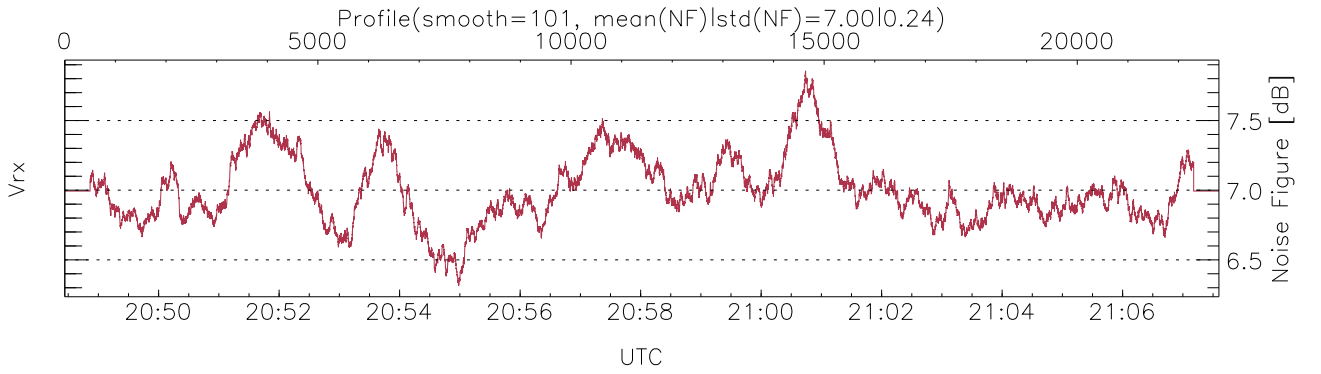
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:48:27-21:17:44, Dur: 1757.13s
 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): 22800/34856, 0-22799/20:48:27-21:07:36
 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



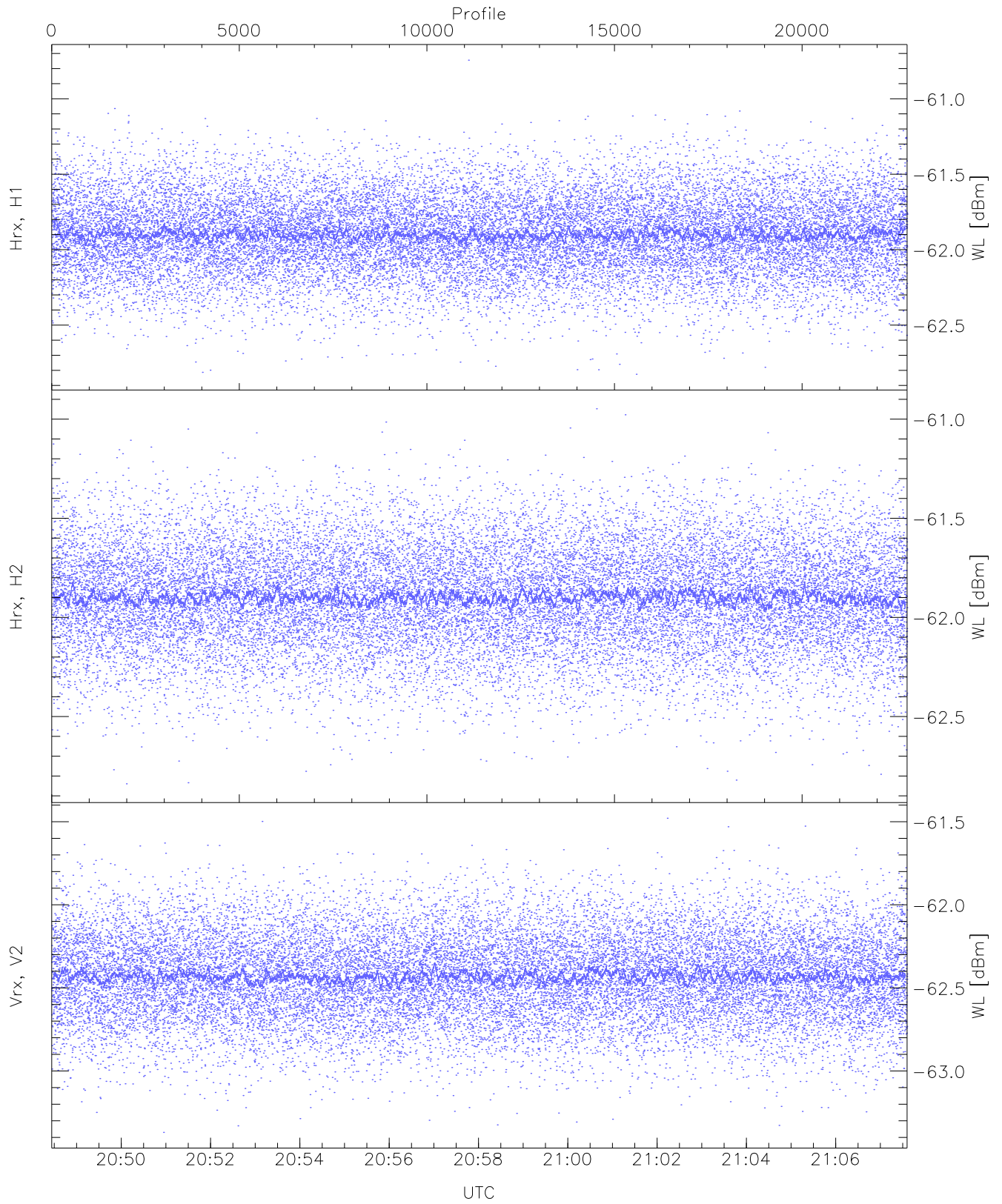
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,22,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,24,27`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,15,15,15,10)`



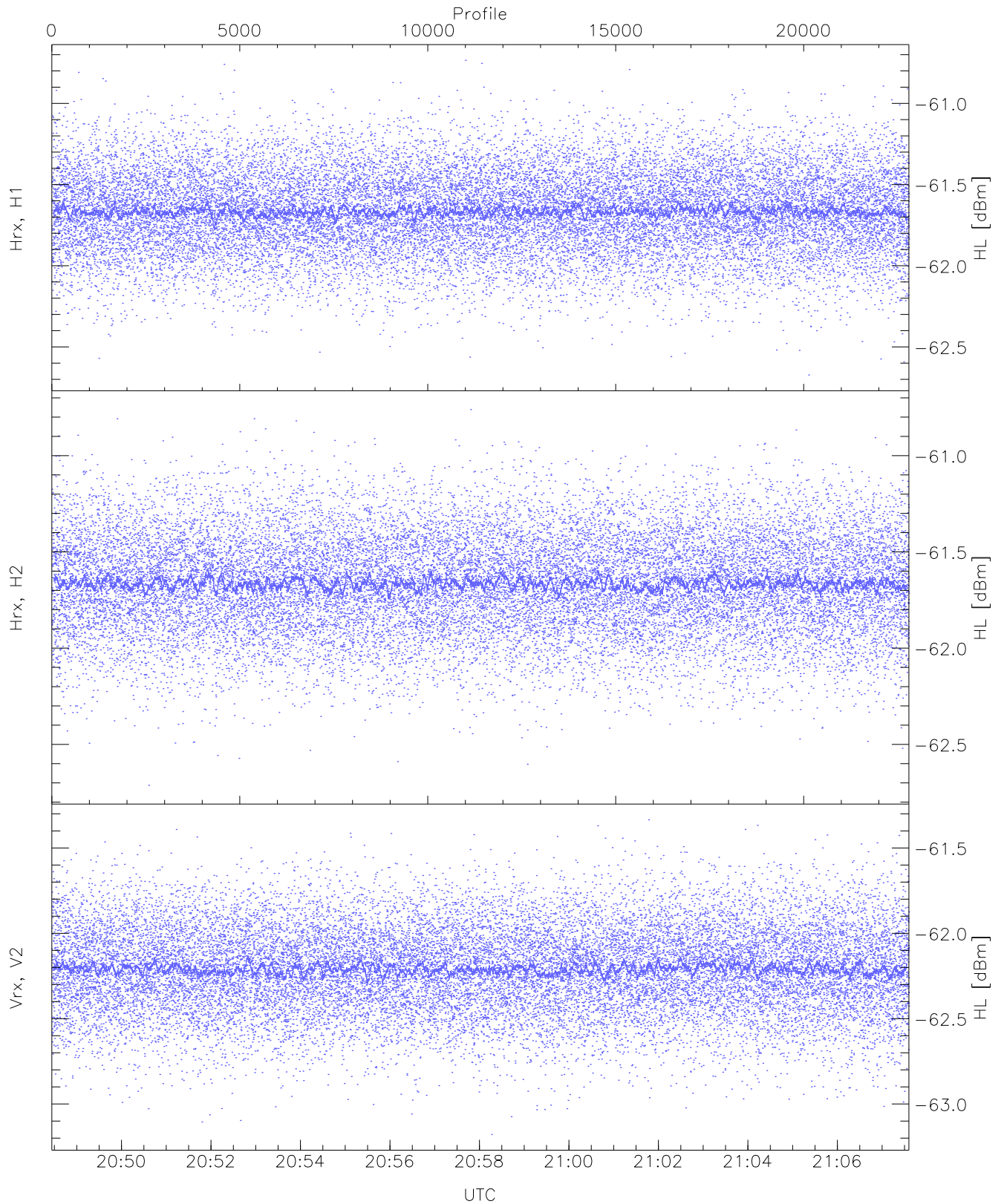
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1774 pixs, 34 gates, 1772 profs, 1 prods



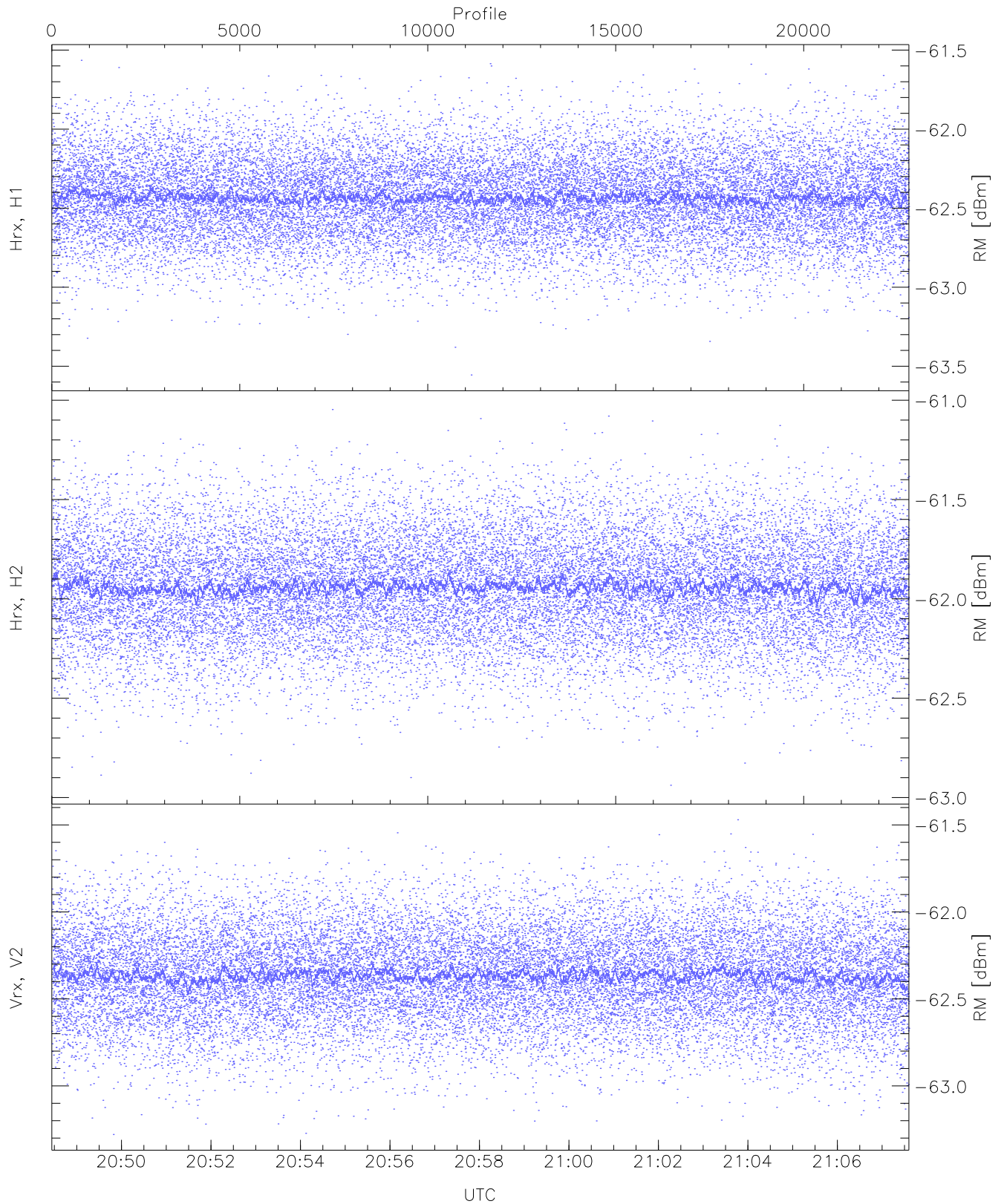
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.83	-60.74	-61.90	-61.90	-74.46
Hrx, H2(WL [dBm])	-62.84	-60.95	-61.90	-61.90	-74.45
Vrx, V2(WL [dBm])	-63.37	-61.48	-62.43	-62.43	-74.97



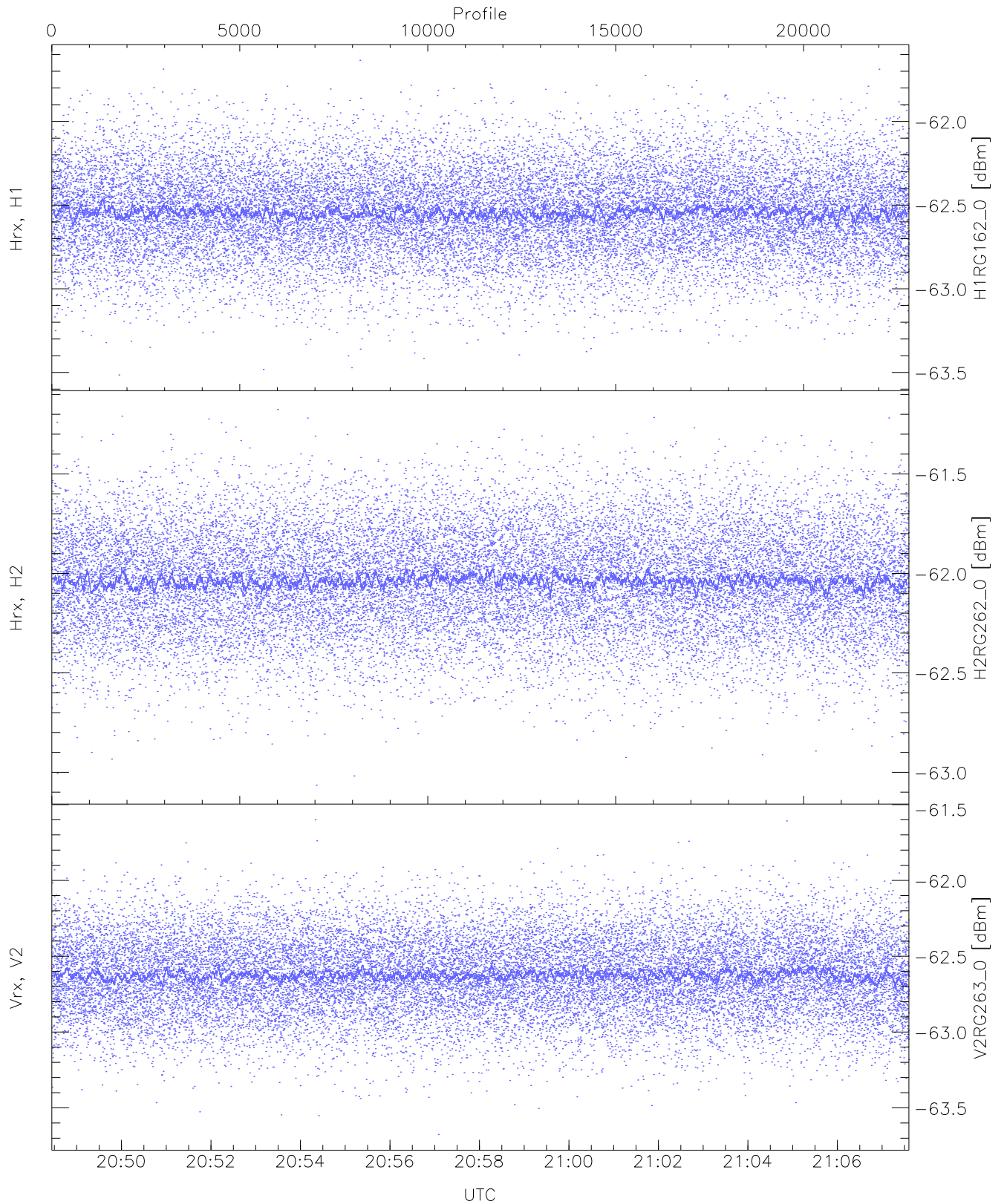
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.67	-60.73	-61.66	-61.67	-74.24
Hrx, H2 (HL [dBm])	-62.71	-60.76	-61.66	-61.66	-74.23
Vrx, V2 (HL [dBm])	-63.18	-61.33	-62.21	-62.21	-74.79



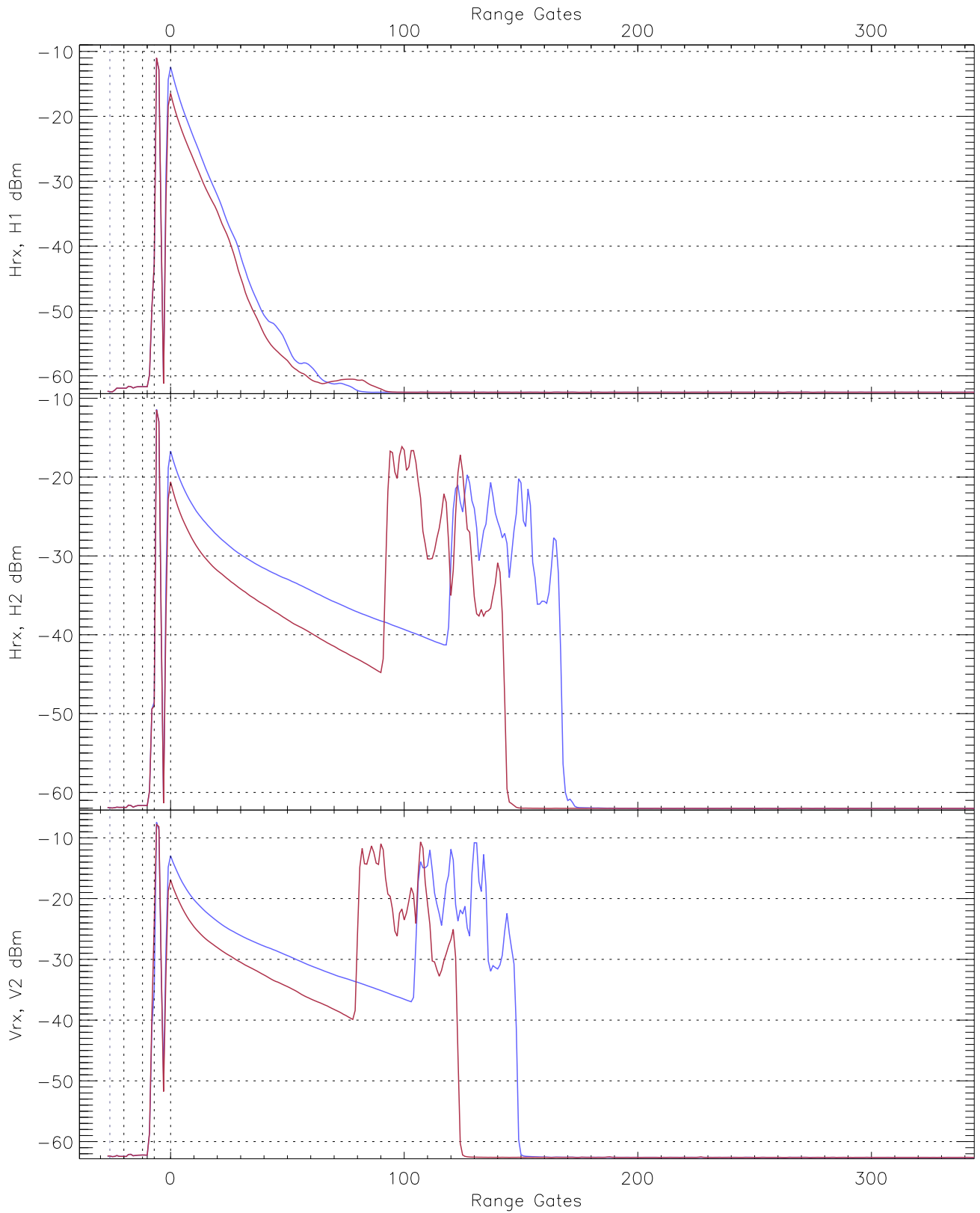
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.56	-61.56	-62.43	-62.44	-75.00
Hrx, H2 (RM [dBm])	-62.94	-61.05	-61.94	-61.94	-74.50
Vrx, V2 (RM [dBm])	-63.28	-61.47	-62.36	-62.37	-74.92

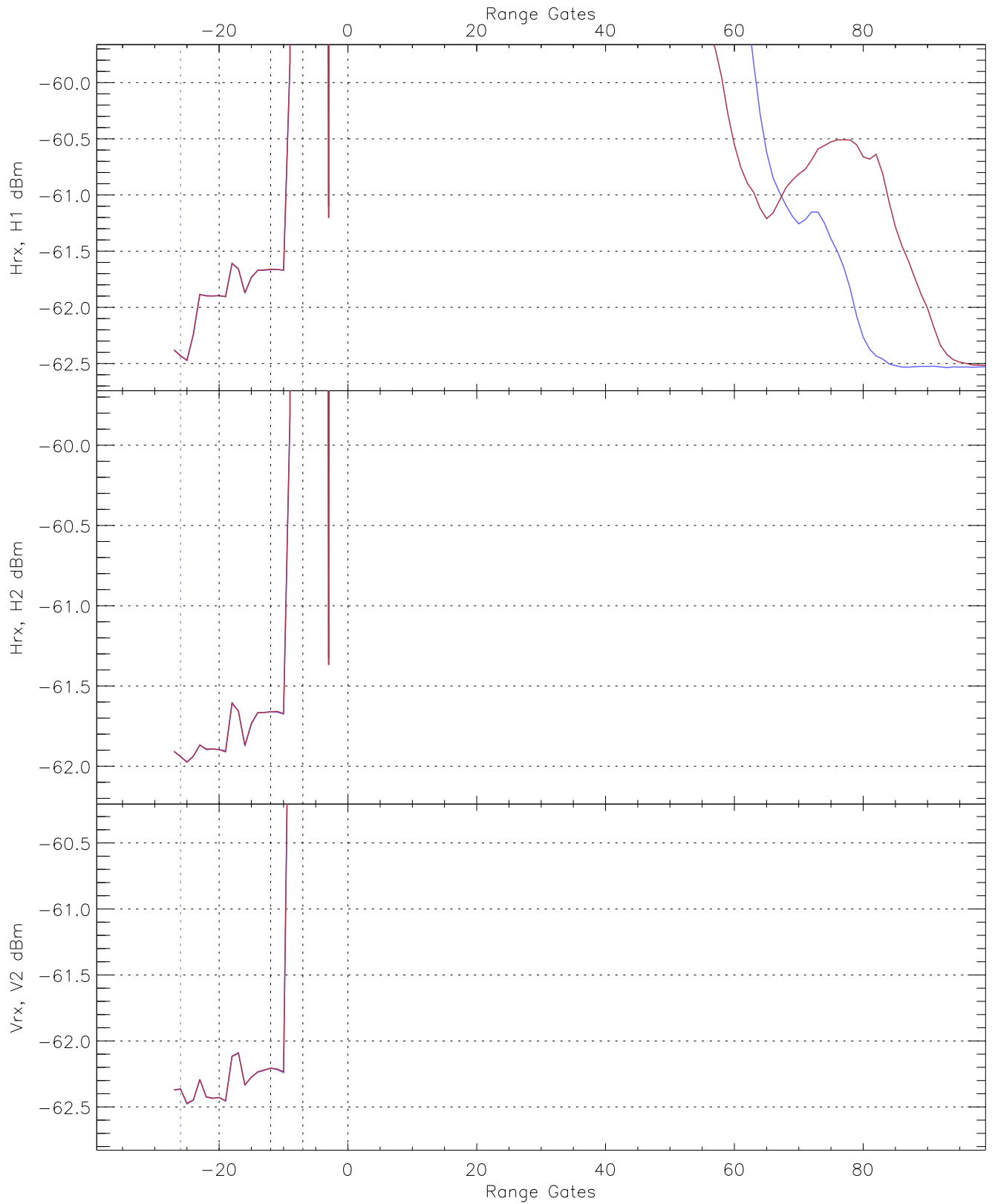


WCR2 CPP "Best" estimate Receivers Noise Power

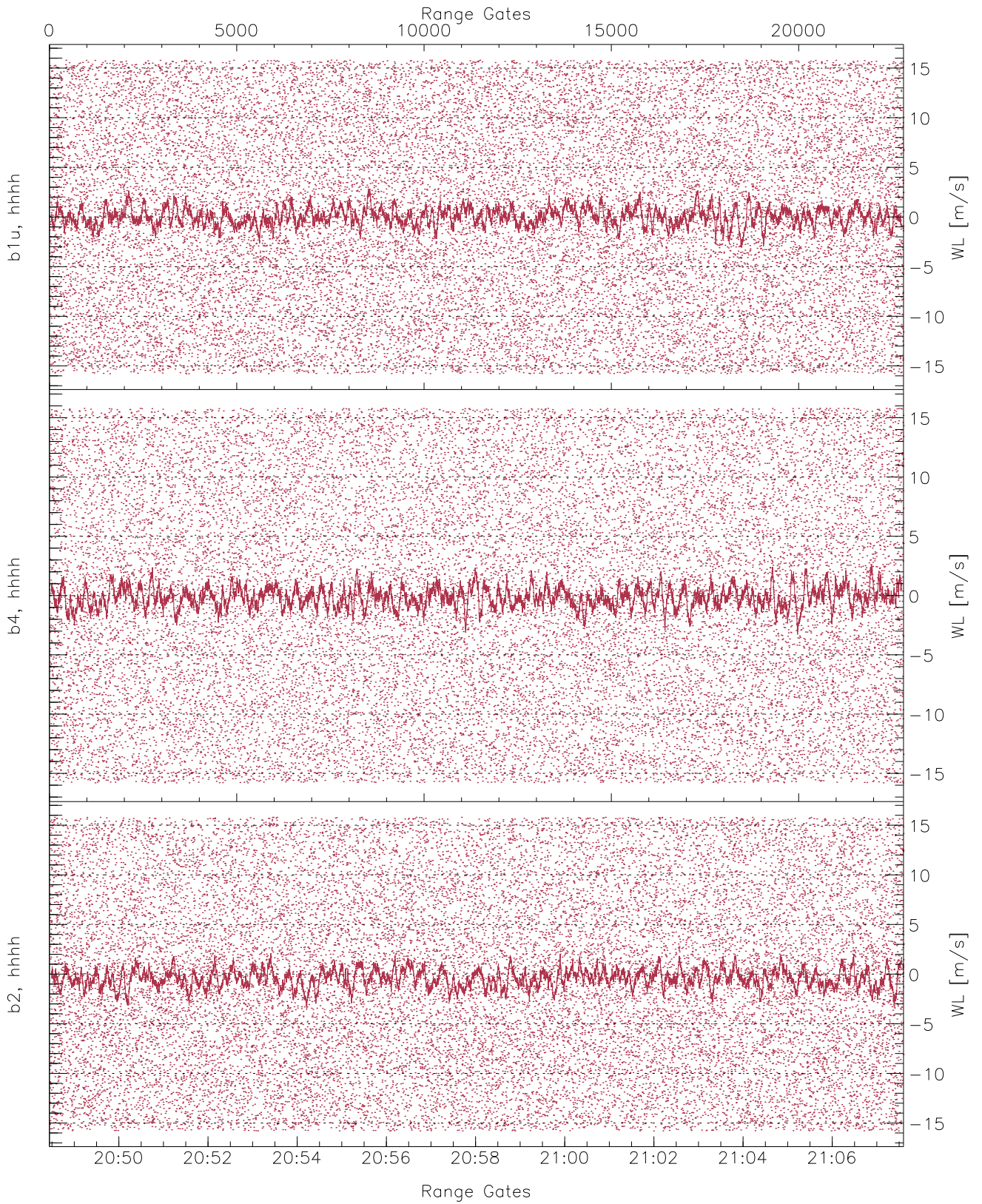
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.52	-61.63	-62.54	-62.55	-75.10
H2RG262_0 [dBm]	-63.07	-61.18	-62.03	-62.04	-74.60
V2RG263_0 [dBm]	-63.68	-61.60	-62.62	-62.63	-75.17



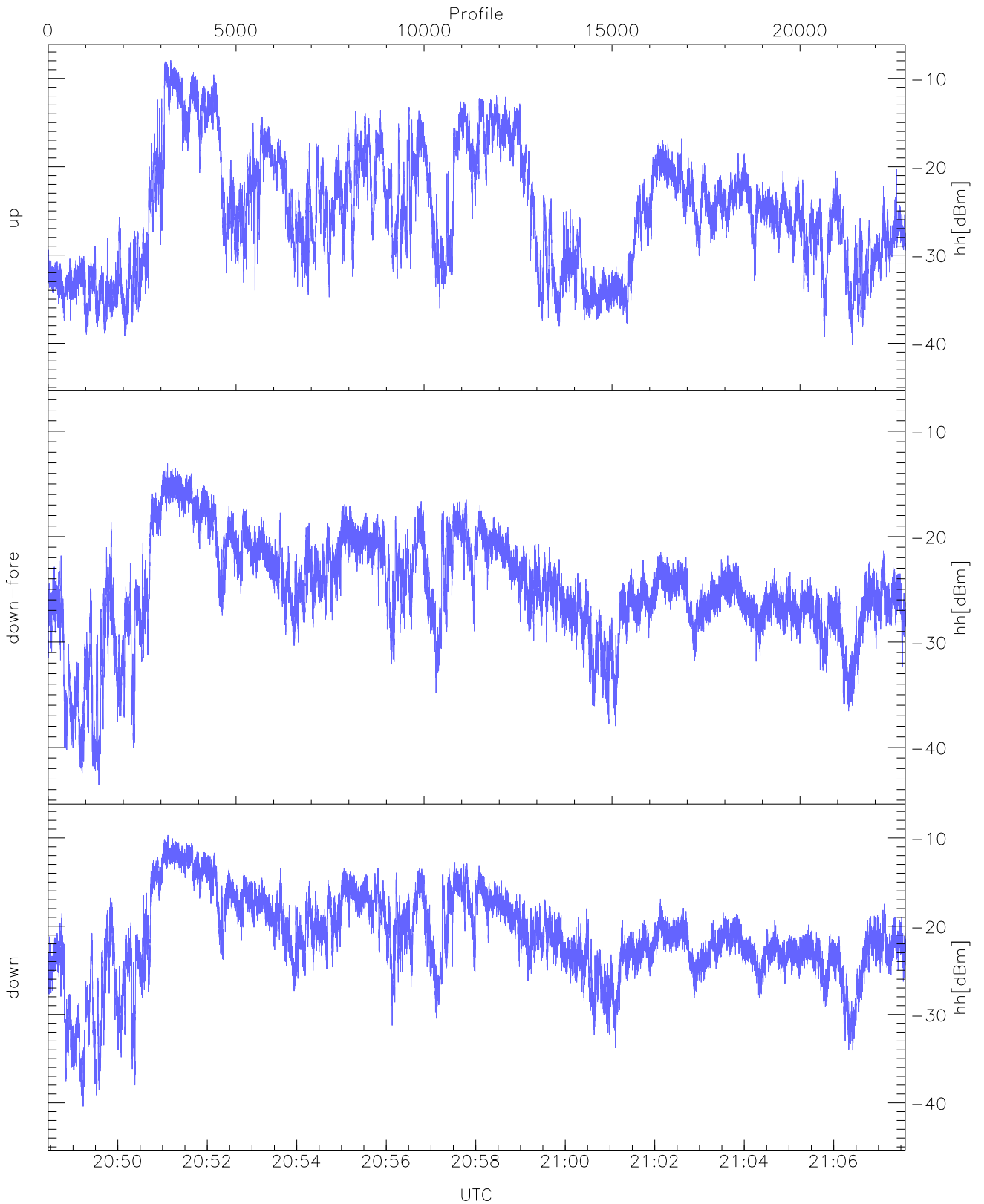
WCR2 CPP Averaged Received power for all recorded gates
blue: 204827-205801, 11401 profiles averaged
red: 205801-210736, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 204827-205801, 11401 profiles averaged
red: 205801-210736, 11400 profiles averaged

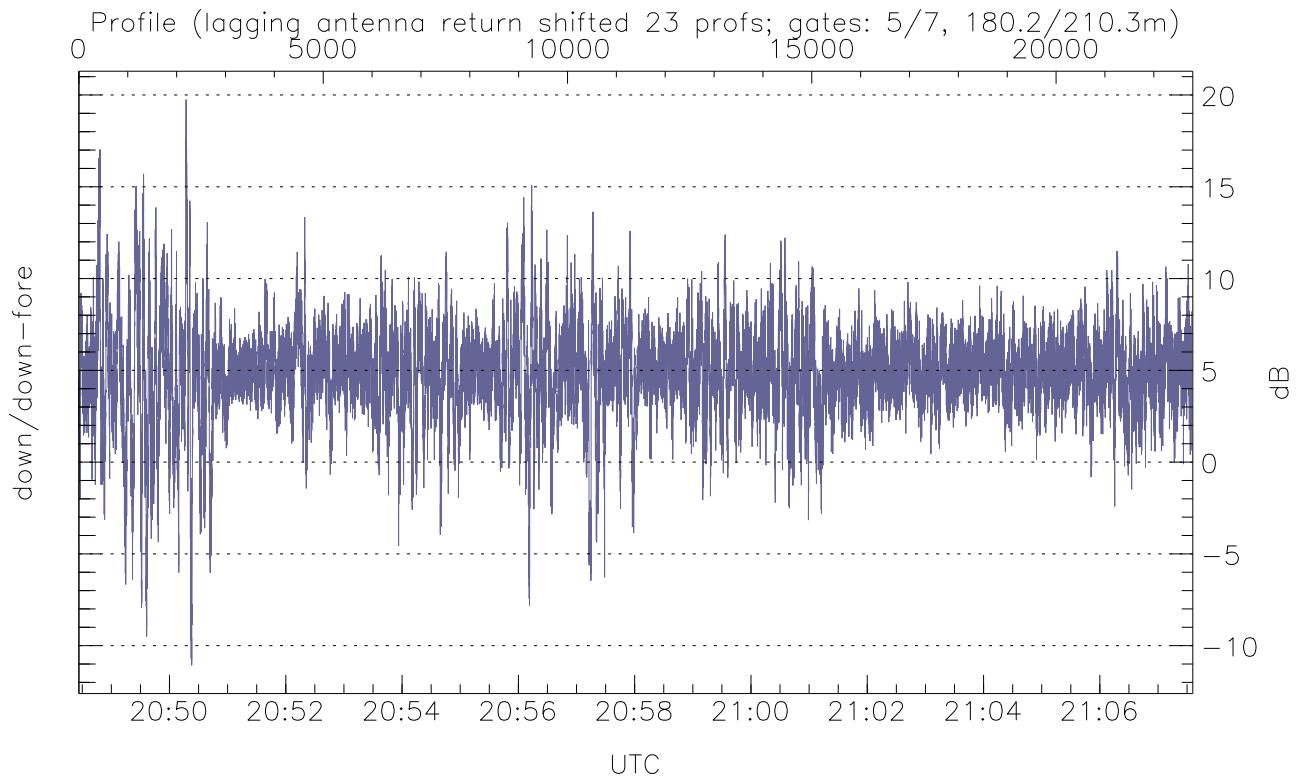
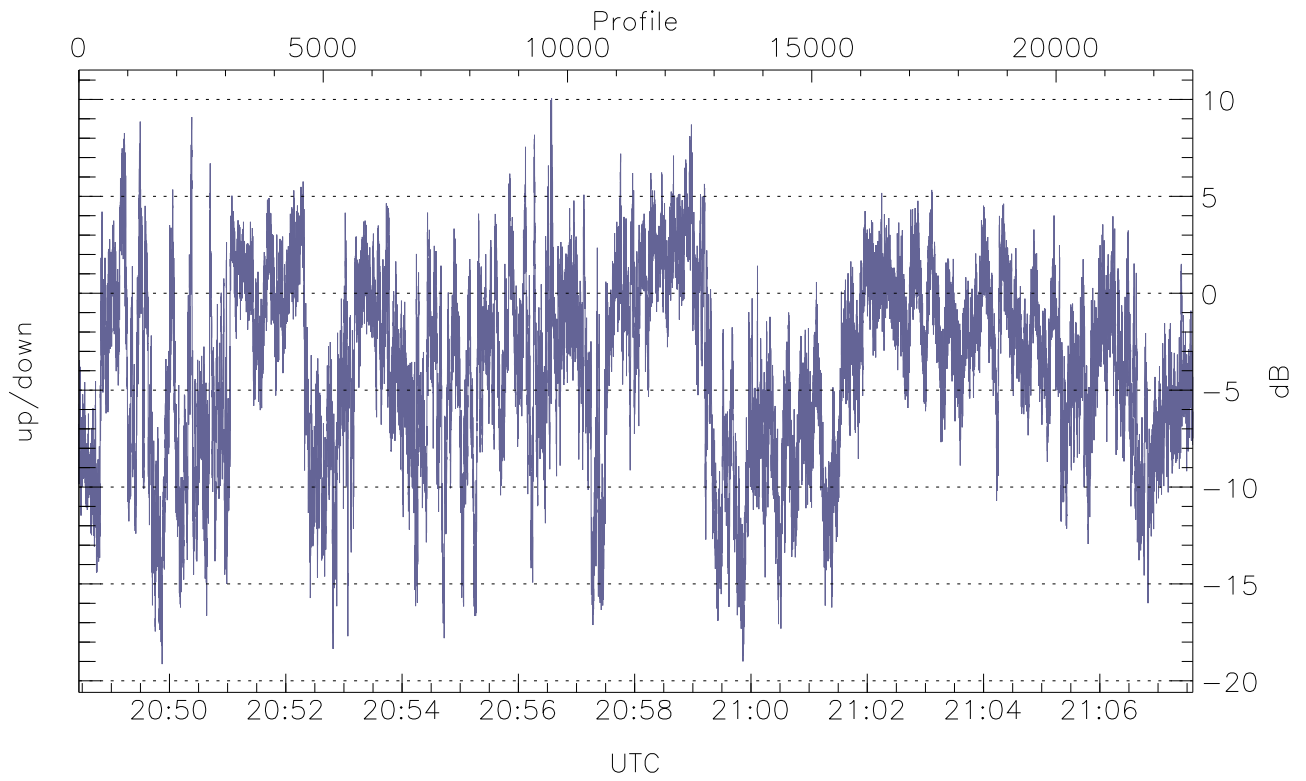


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



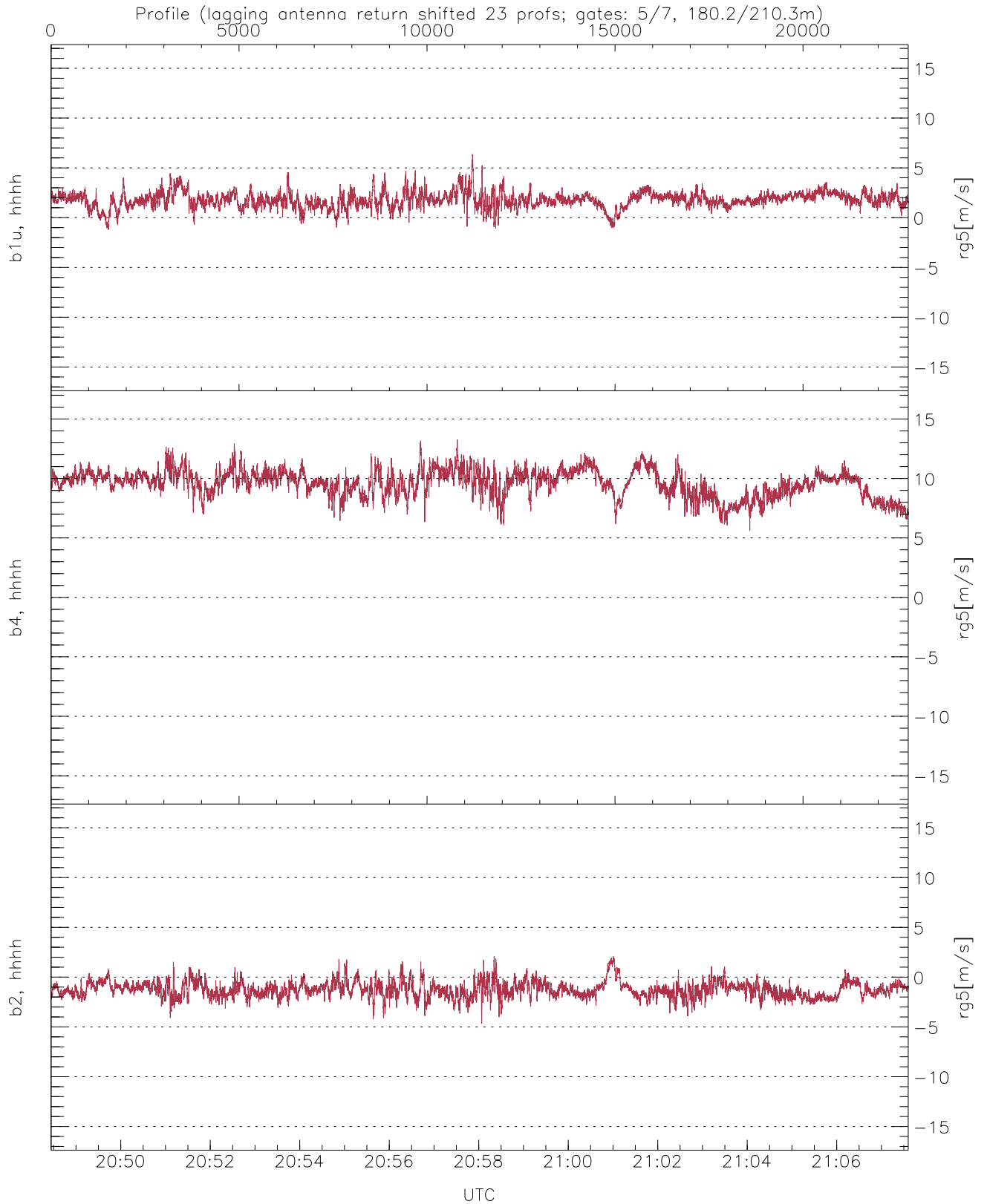
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-40.20	-7.94	-20.08
down-fore(hh[dBm])	-43.59	-13.06	-22.63
down(hh[dBm])	-40.41	-9.67	-18.93



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

	Min	Max	Mean
up/down (dB)	-19.14	10.06	-3.83
down/down-fore (dB)	-11.07	19.75	4.84



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.21	6.37	1.78	0.80
b4, hhhh(rg5[m/s])	5.59	13.27	9.58	1.12
b2, hhhh(rg5[m/s])	-4.67	2.09	-1.25	0.80