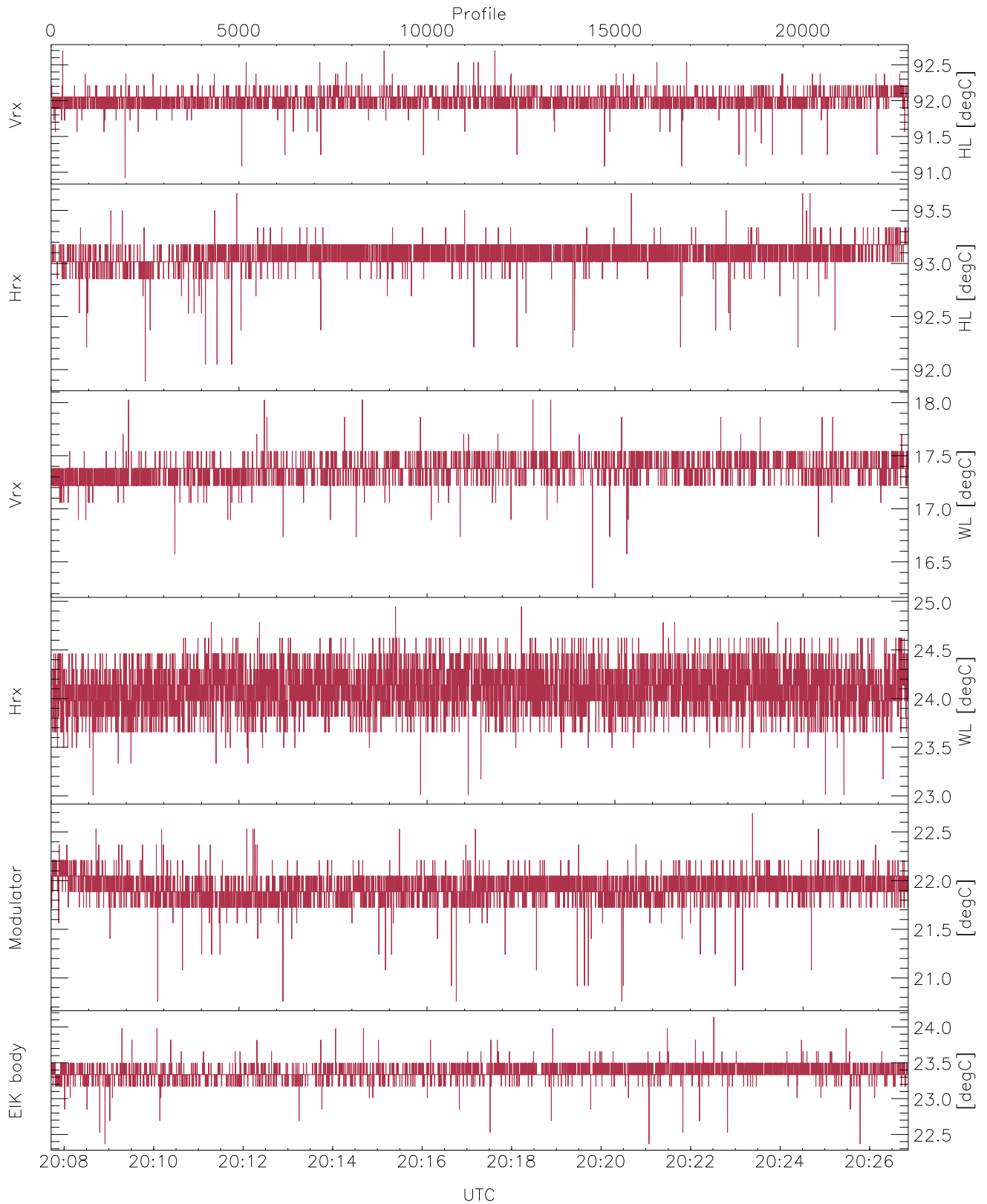


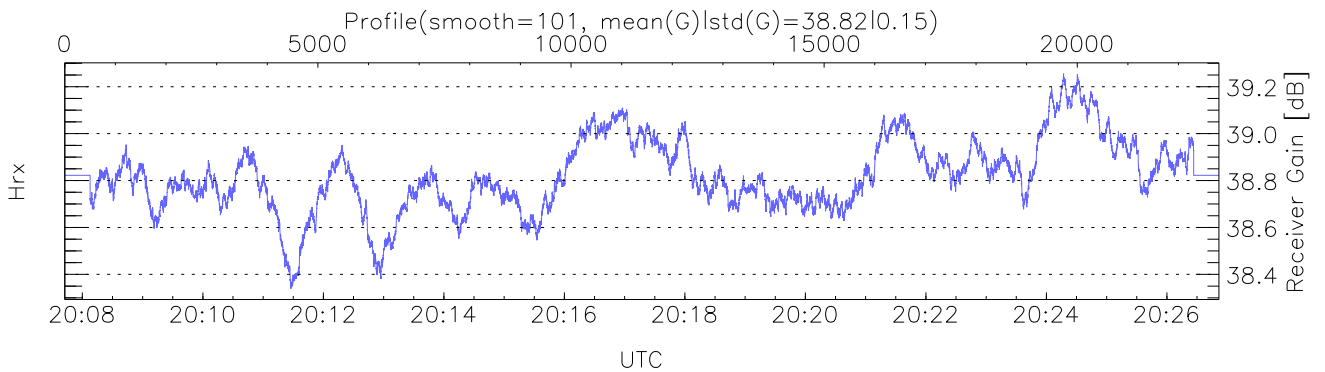
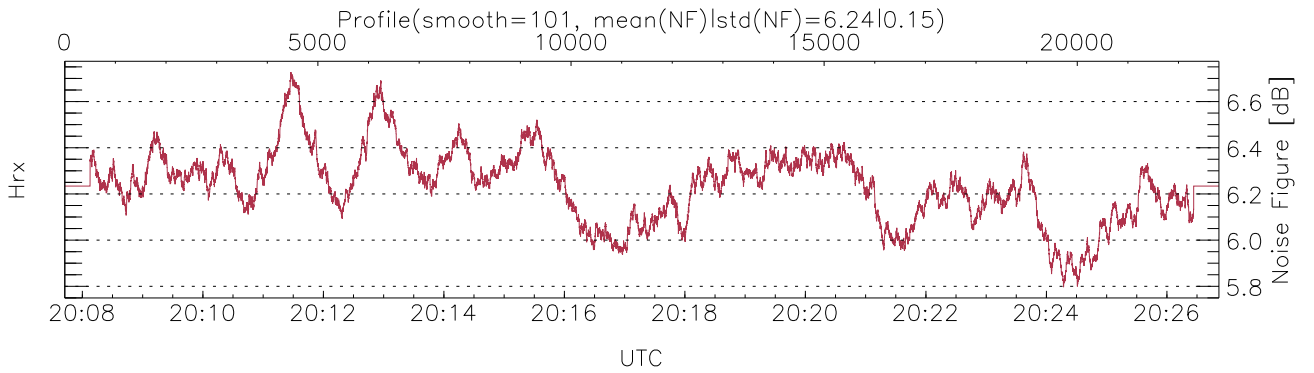
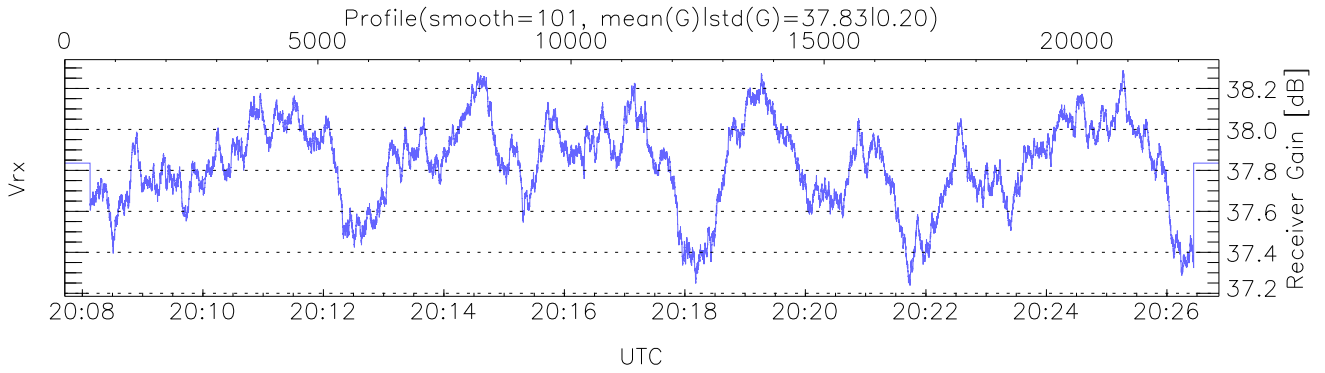
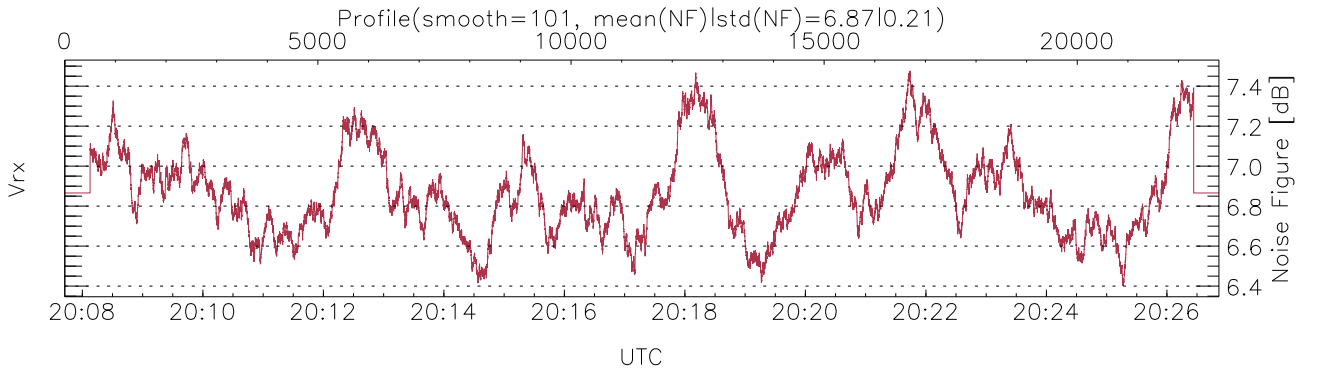
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:07:42-20:48:34, Dur: 2451.97s
 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): 22800/48639, 0-22799/20:07:42-20:26:52
 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



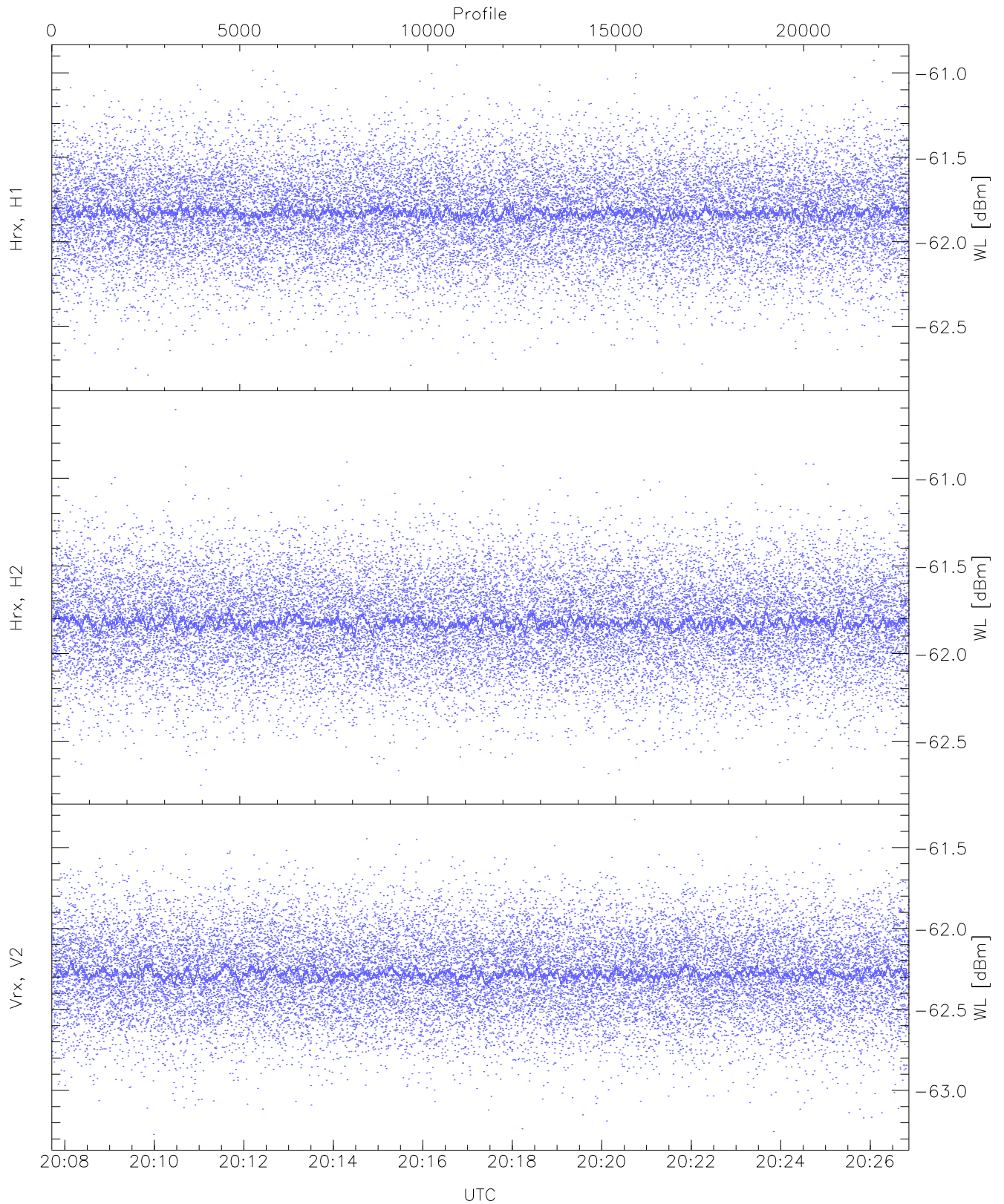
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,16,23,20,22
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,24,22,24
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,20)



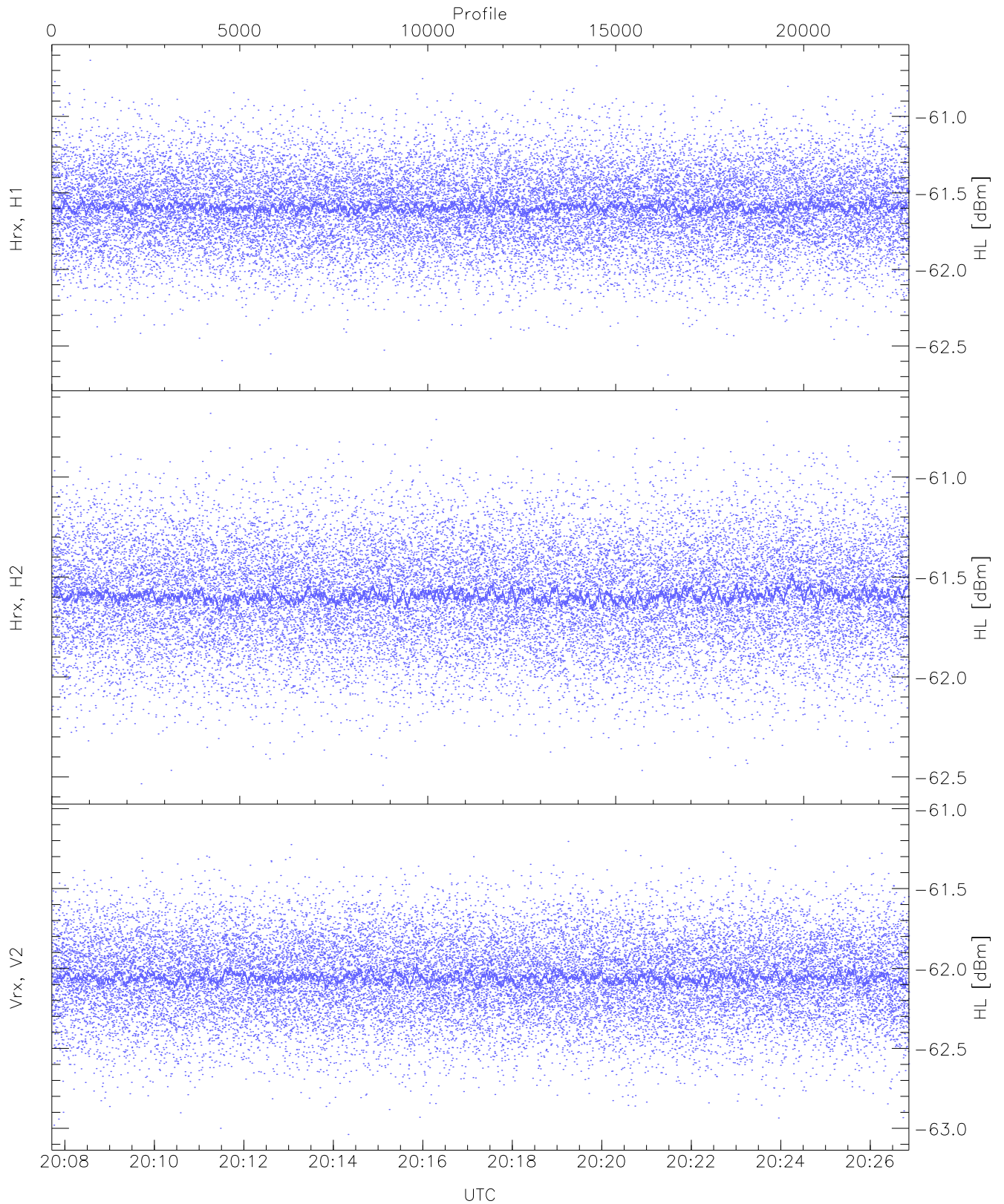
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1639 pixs, 40 gates, 1587 profs, 2 prods



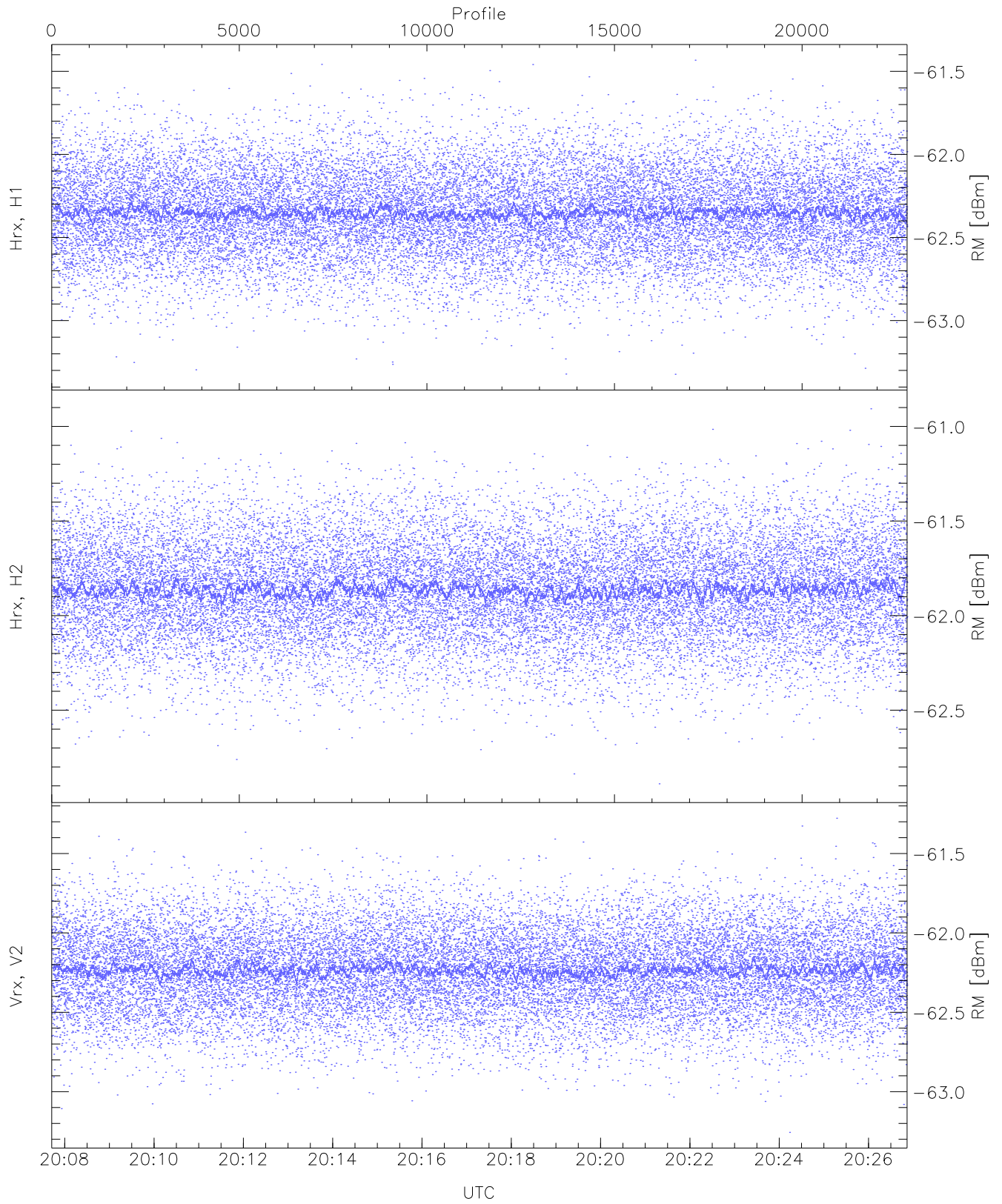
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.79	-60.93	-61.83	-61.83	-74.40
Hrx, H2 (WL [dBm])	-62.75	-60.61	-61.82	-61.82	-74.36
Vrx, V2 (WL [dBm])	-63.27	-61.33	-62.28	-62.28	-74.83



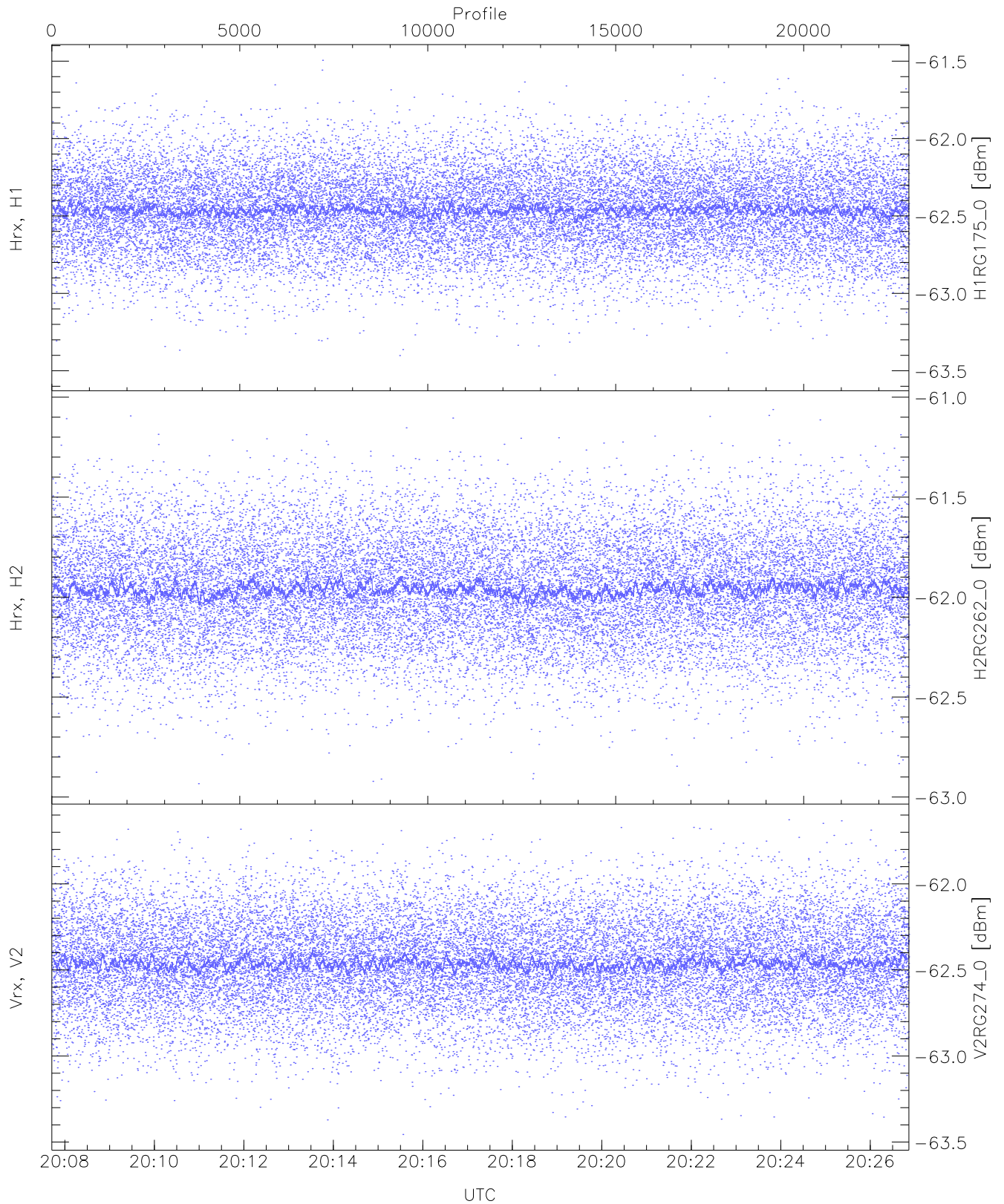
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.69	-60.63	-61.59	-61.59	-74.15
Hrx, H2 (HL [dBm])	-62.54	-60.66	-61.59	-61.59	-74.15
Vrx, V2 (HL [dBm])	-63.04	-61.07	-62.05	-62.06	-74.64



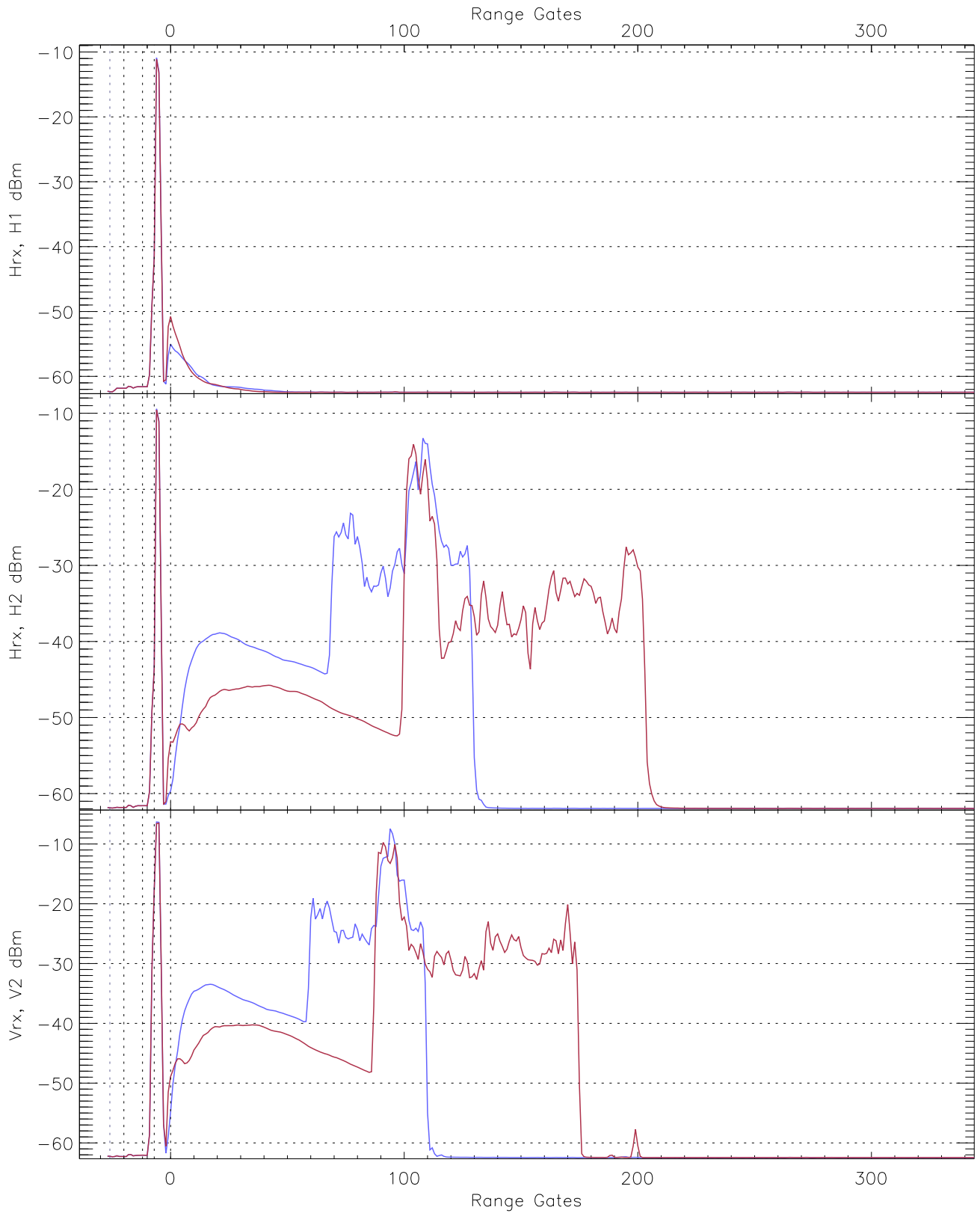
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.32	-61.43	-62.35	-62.35	-74.91
Hrx, H2 (RM [dBm])	-62.89	-60.91	-61.86	-61.86	-74.43
Vrx, V2 (RM [dBm])	-63.26	-61.28	-62.23	-62.24	-74.83

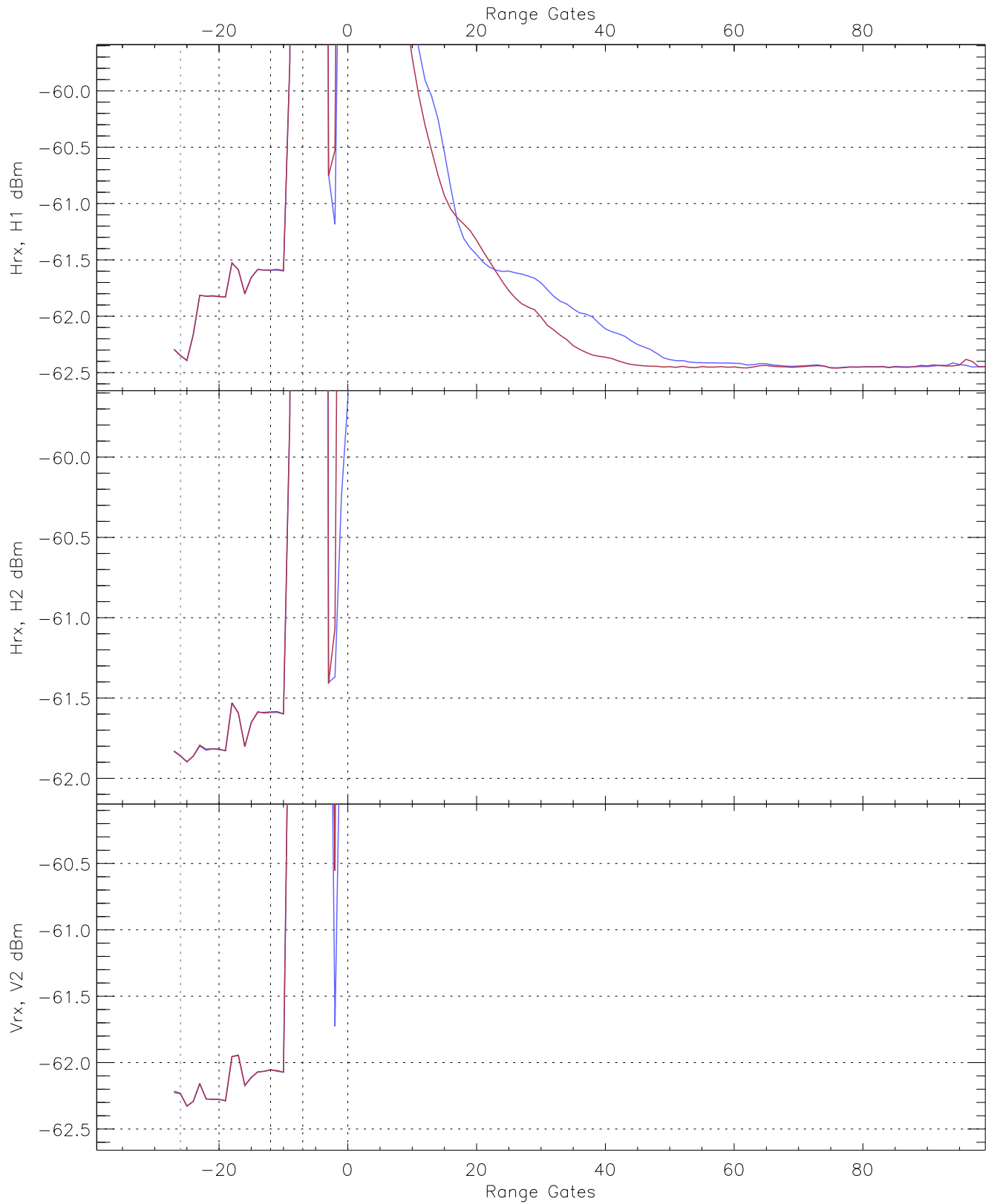


WCR2 CPP "Best" estimate Receivers Noise Power

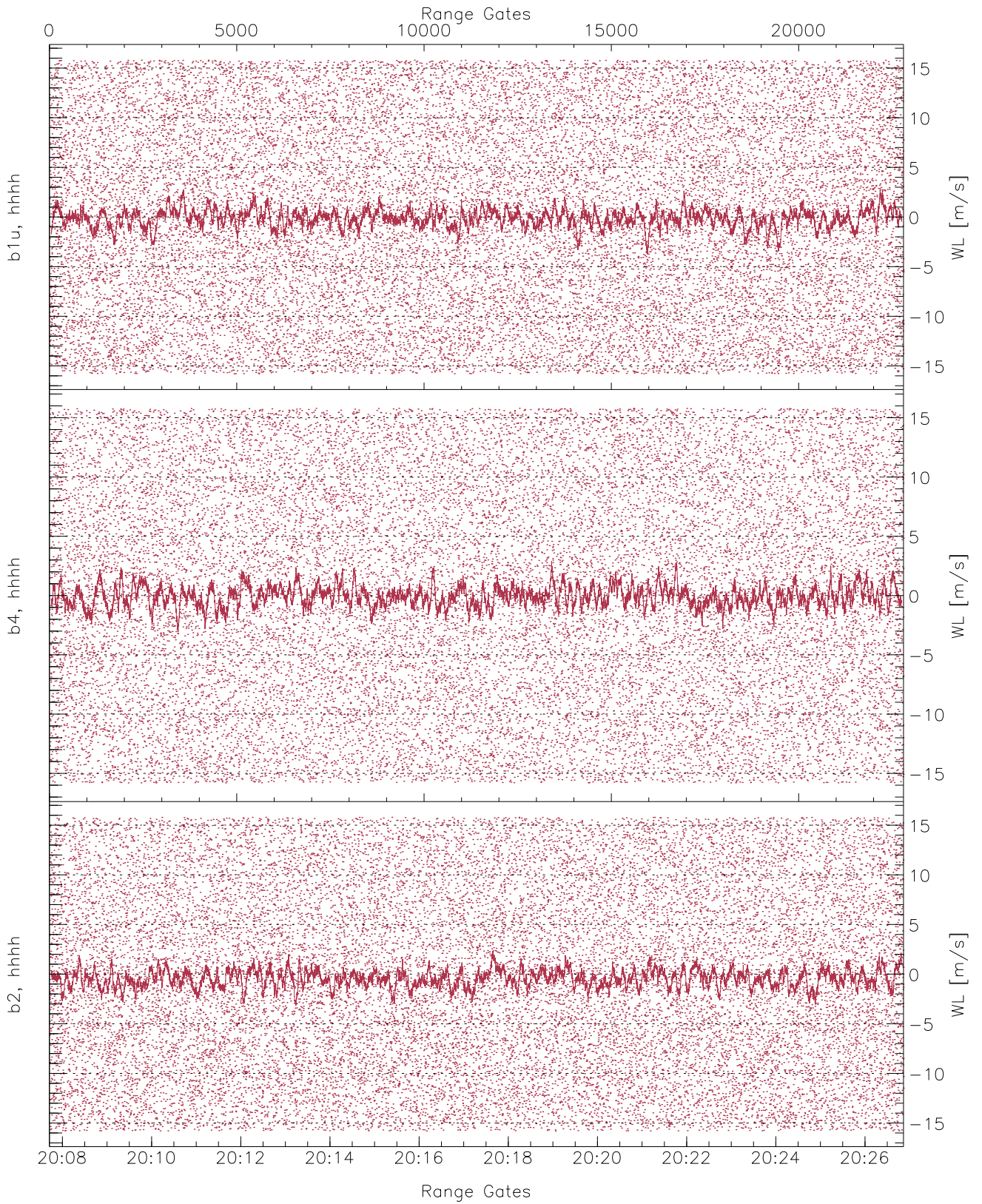
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.53	-61.49	-62.46	-62.46	-75.00
H2RG262_0 [dBm]	-62.94	-61.06	-61.96	-61.96	-74.52
V2RG274_0 [dBm]	-63.46	-61.63	-62.46	-62.46	-75.02



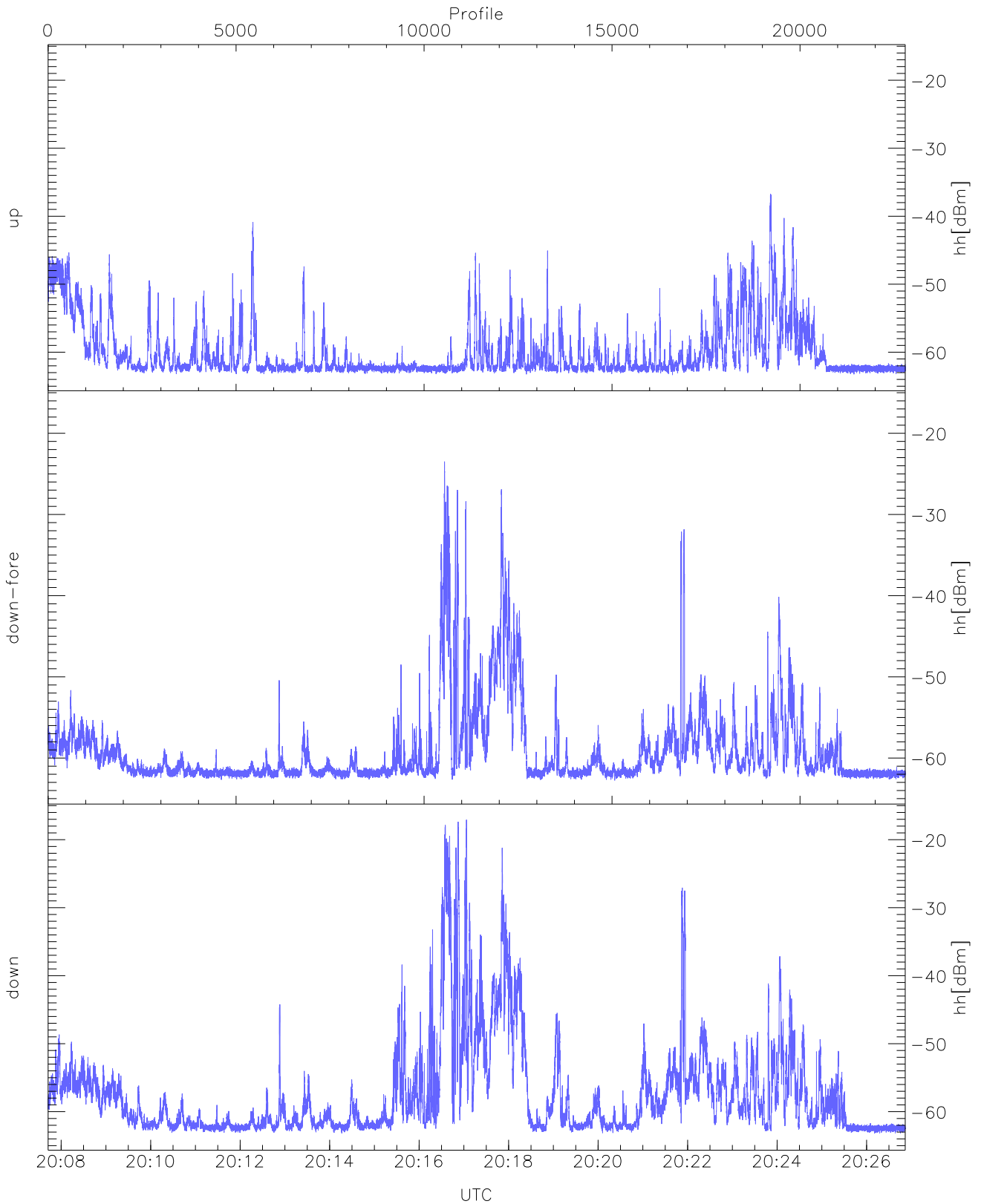
WCR2 CPP Averaged Received power for all recorded gates
blue: 200742-201717, 11401 profiles averaged
red: 201717-202652, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 200742-201717, 11401 profiles averaged
red: 201717-202652, 11400 profiles averaged

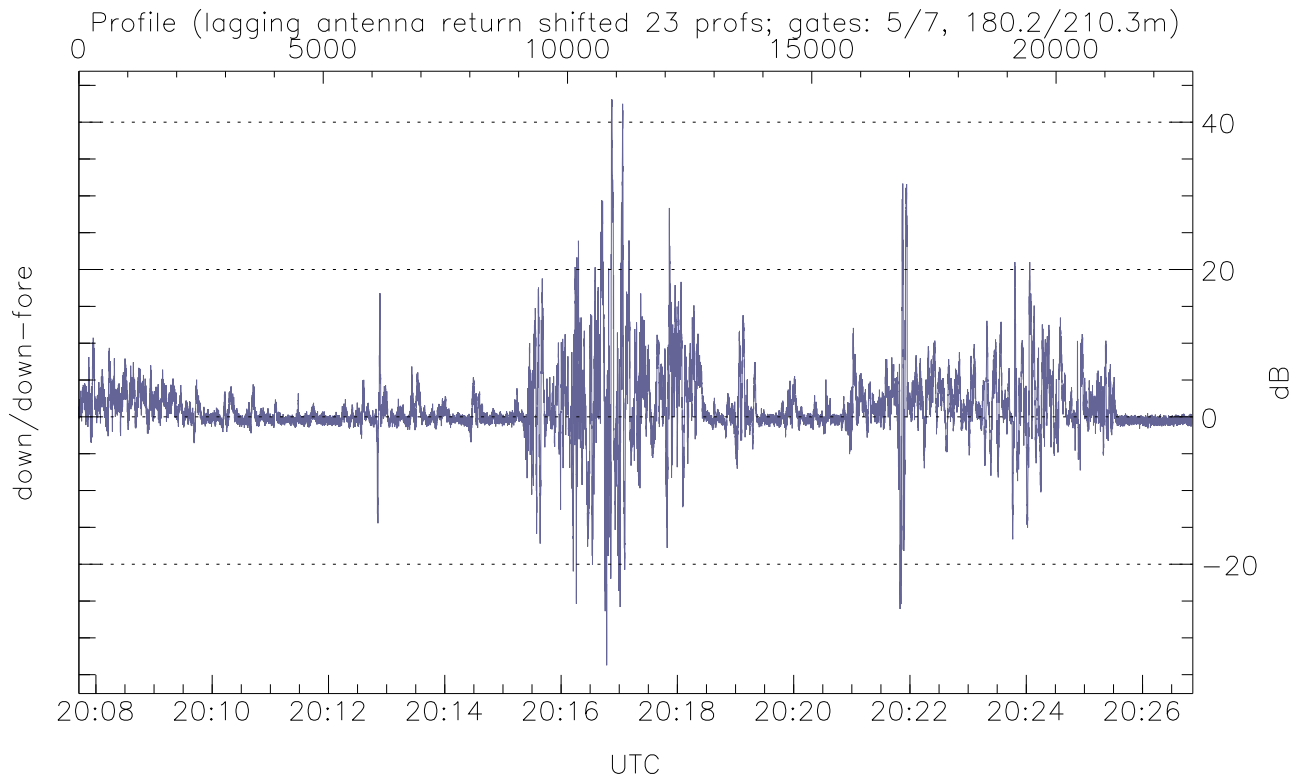
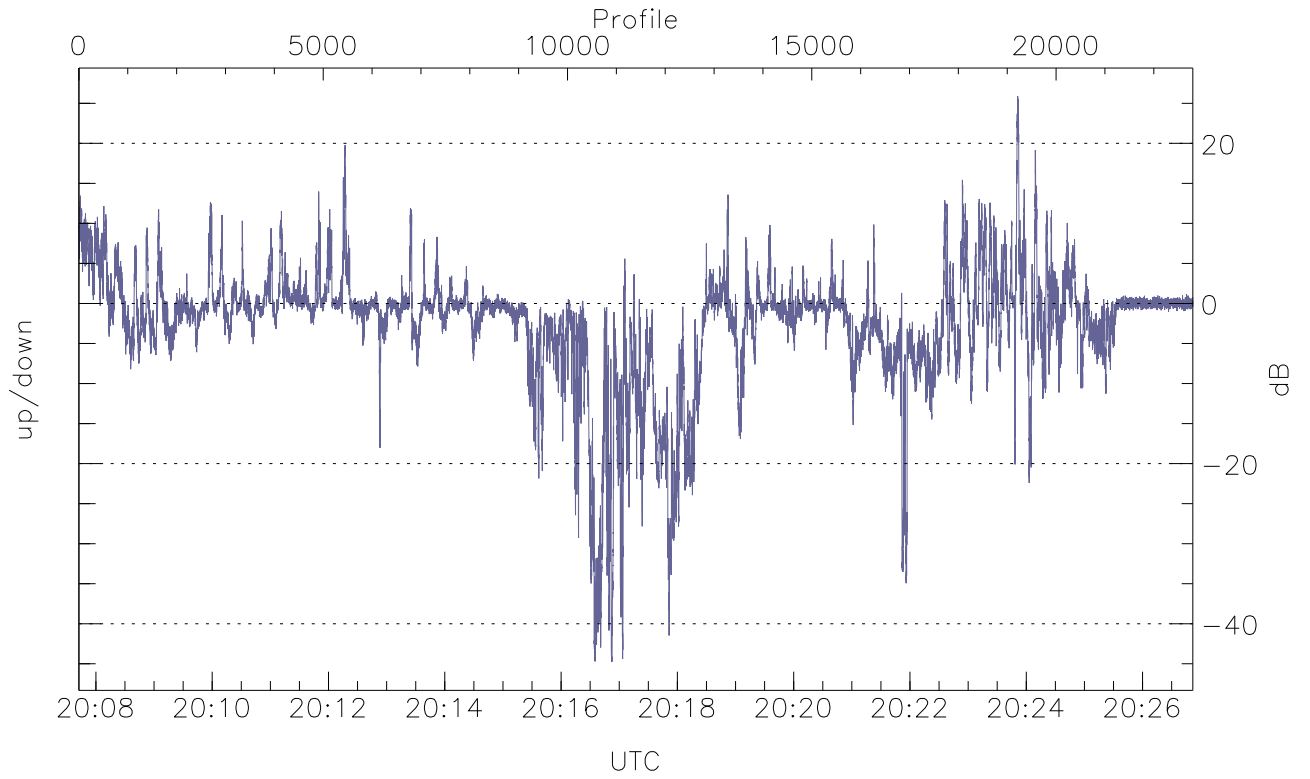


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



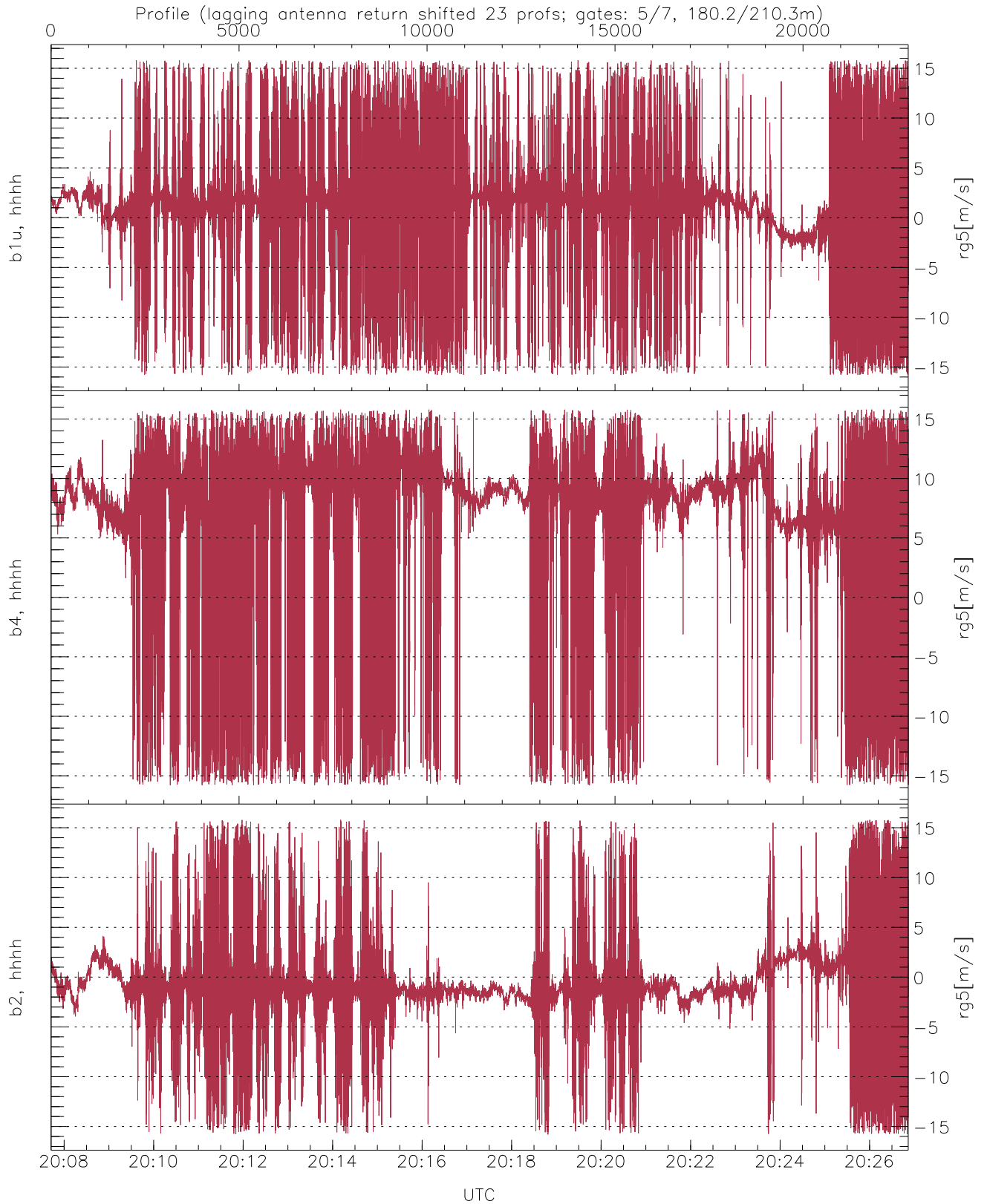
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.35	-36.74	-56.84
down-fore(hh[dBm])	-62.76	-23.48	-49.60
down(hh[dBm])	-63.21	-17.07	-41.69



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

	Min	Max	Mean
up/down (dB)	-44.78	25.87	-2.61
down/down-fore (dB)	-33.72	43.08	1.25



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.70	5.97
b4, hhhh(rg5[m/s])	-15.80	15.80	5.89	6.96
b2, hhhh(rg5[m/s])	-15.80	15.79	-0.81	4.22