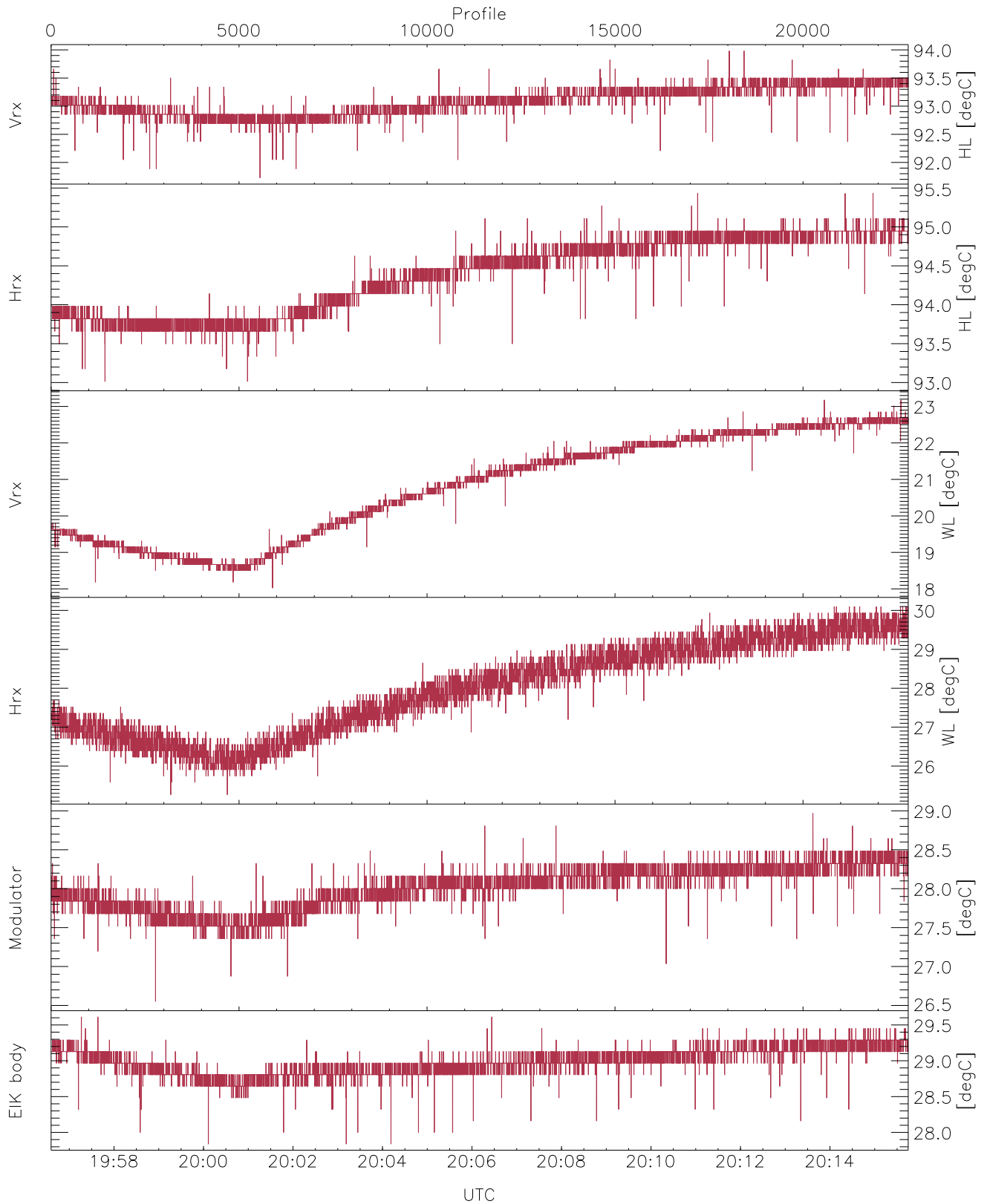


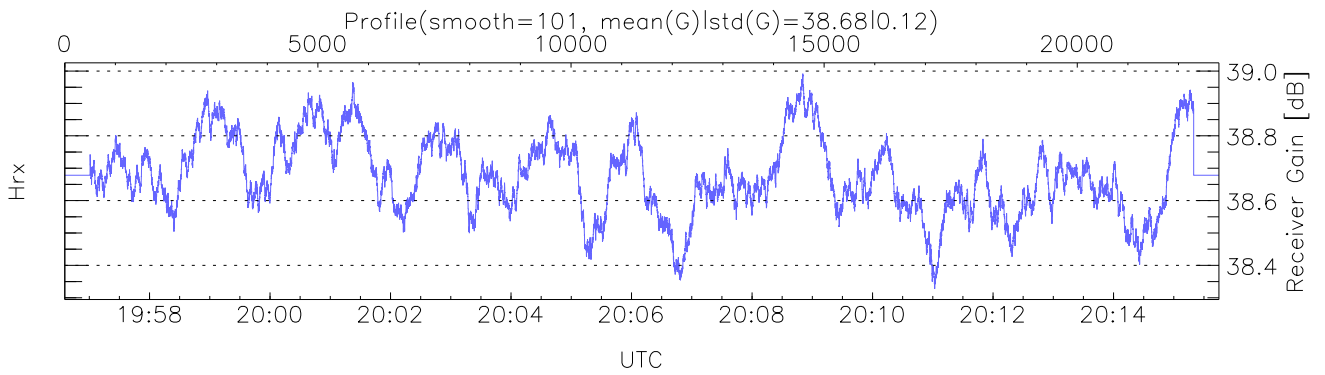
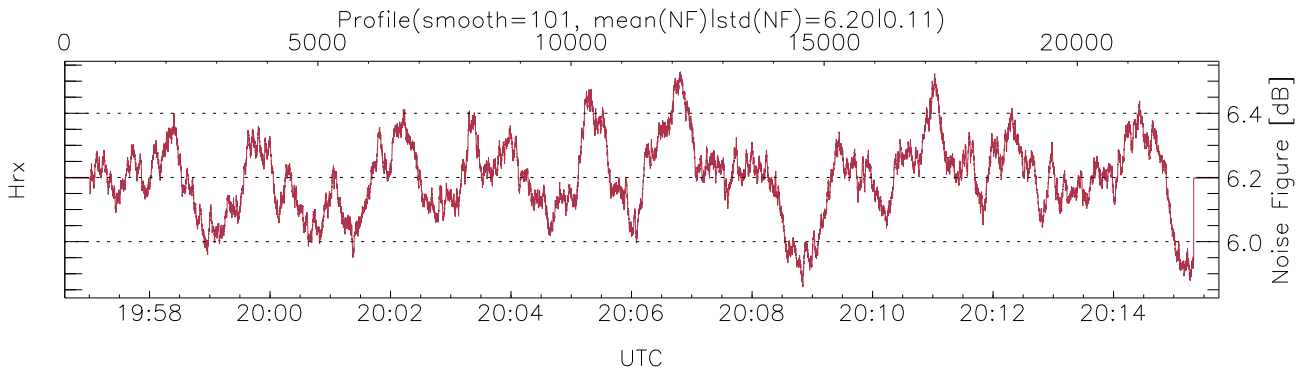
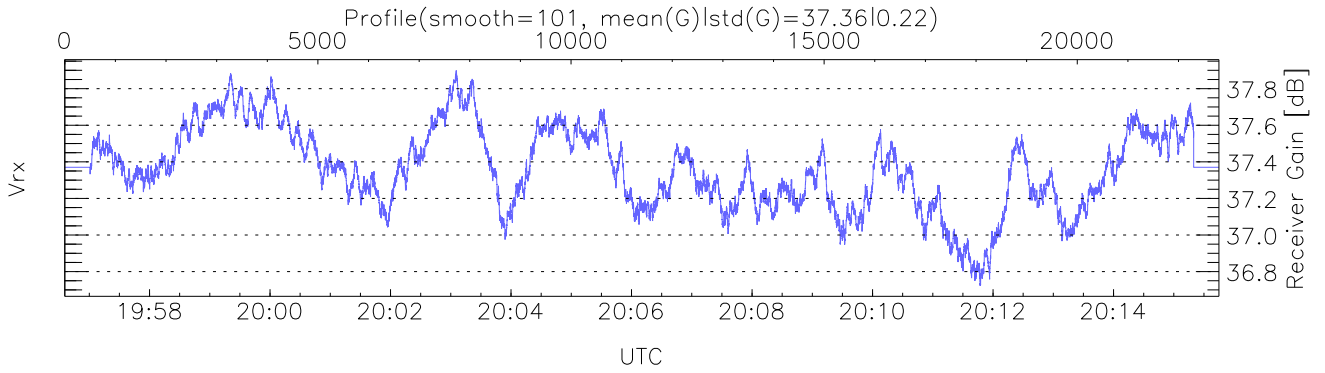
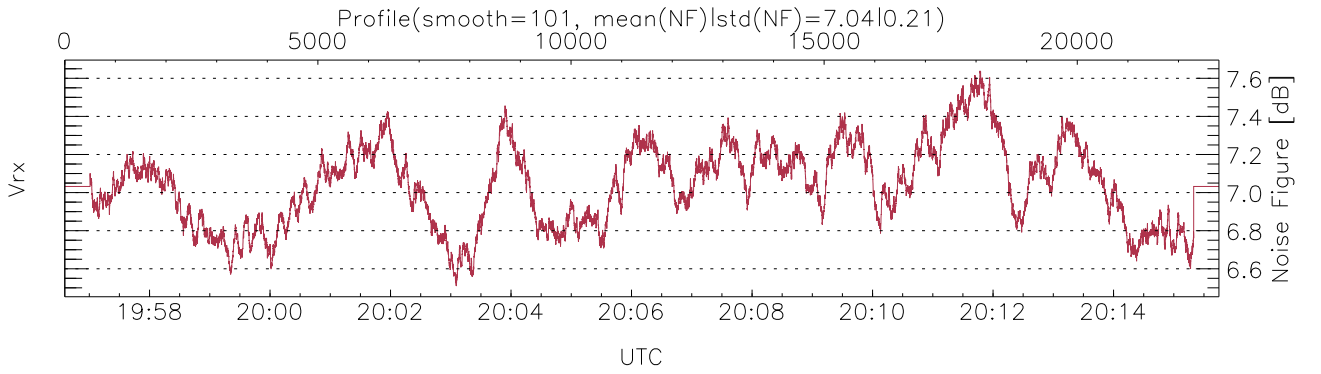
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:56:36-20:27:22, Dur: 1846.36s
 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): 22800/36626, 0-22799/19:56:36-20:15:45
 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



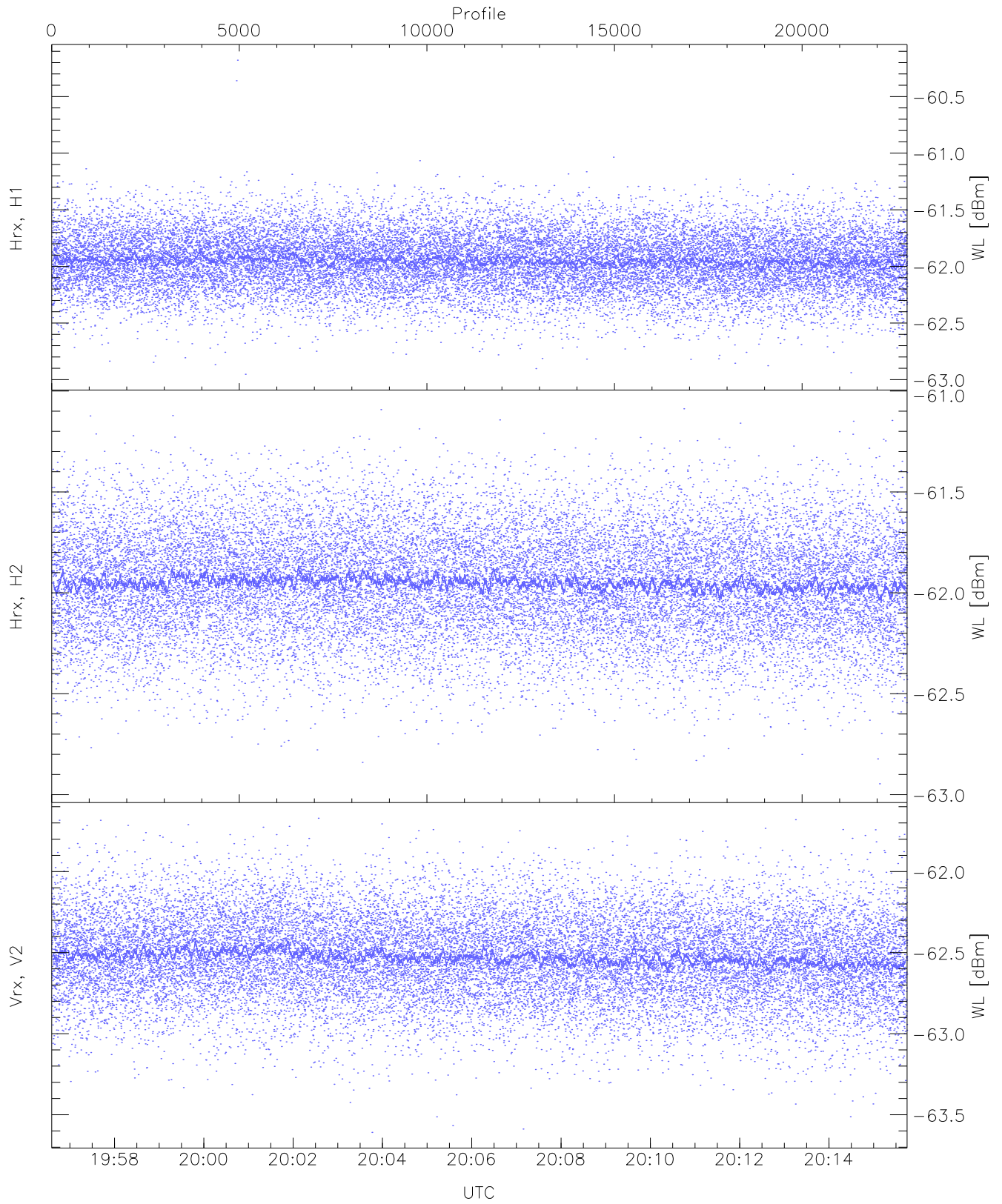
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,18,25,26,27
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,30,28,29
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,30)



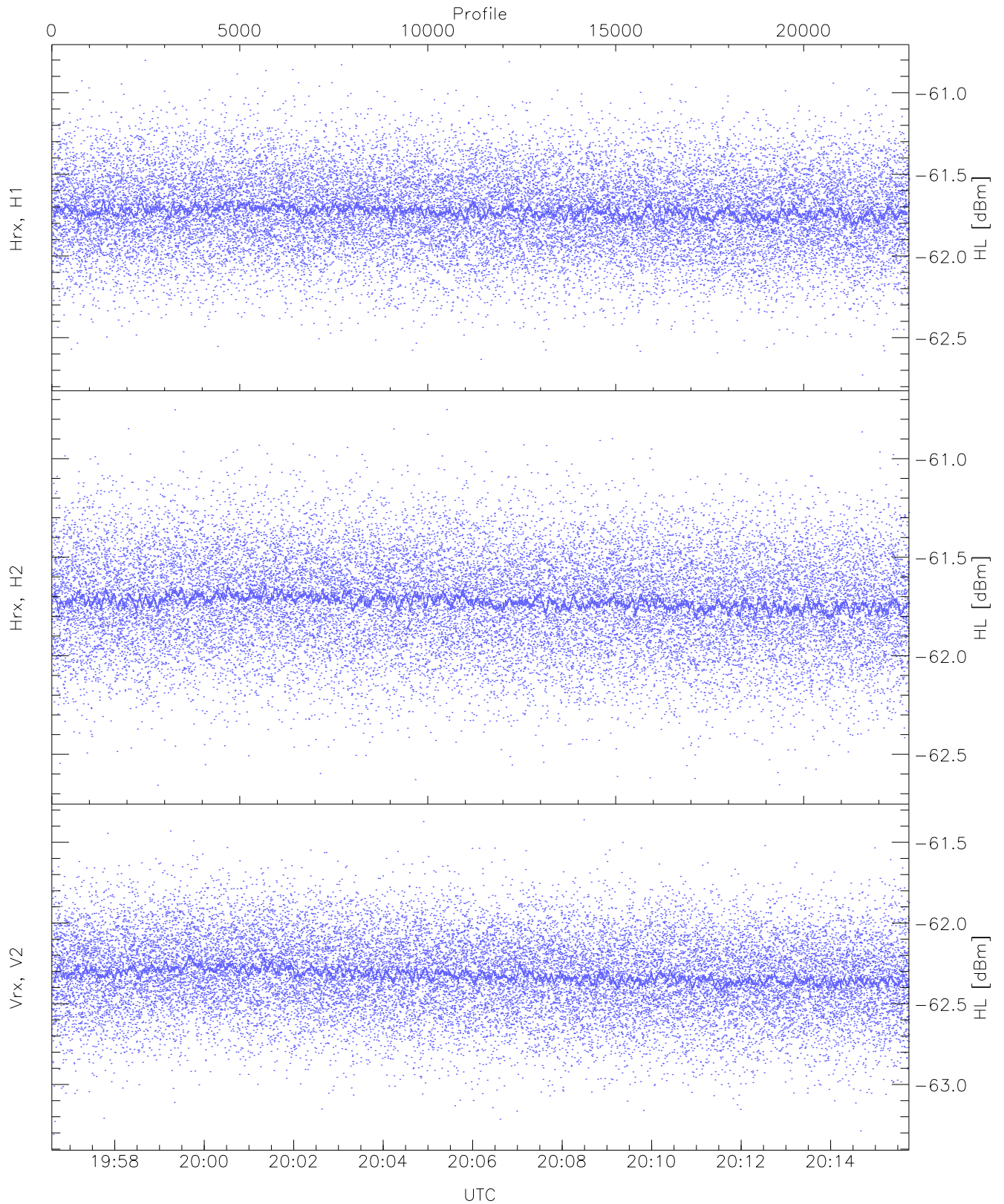
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 139 pixs, 9 gates, 138 profs, 1 prods



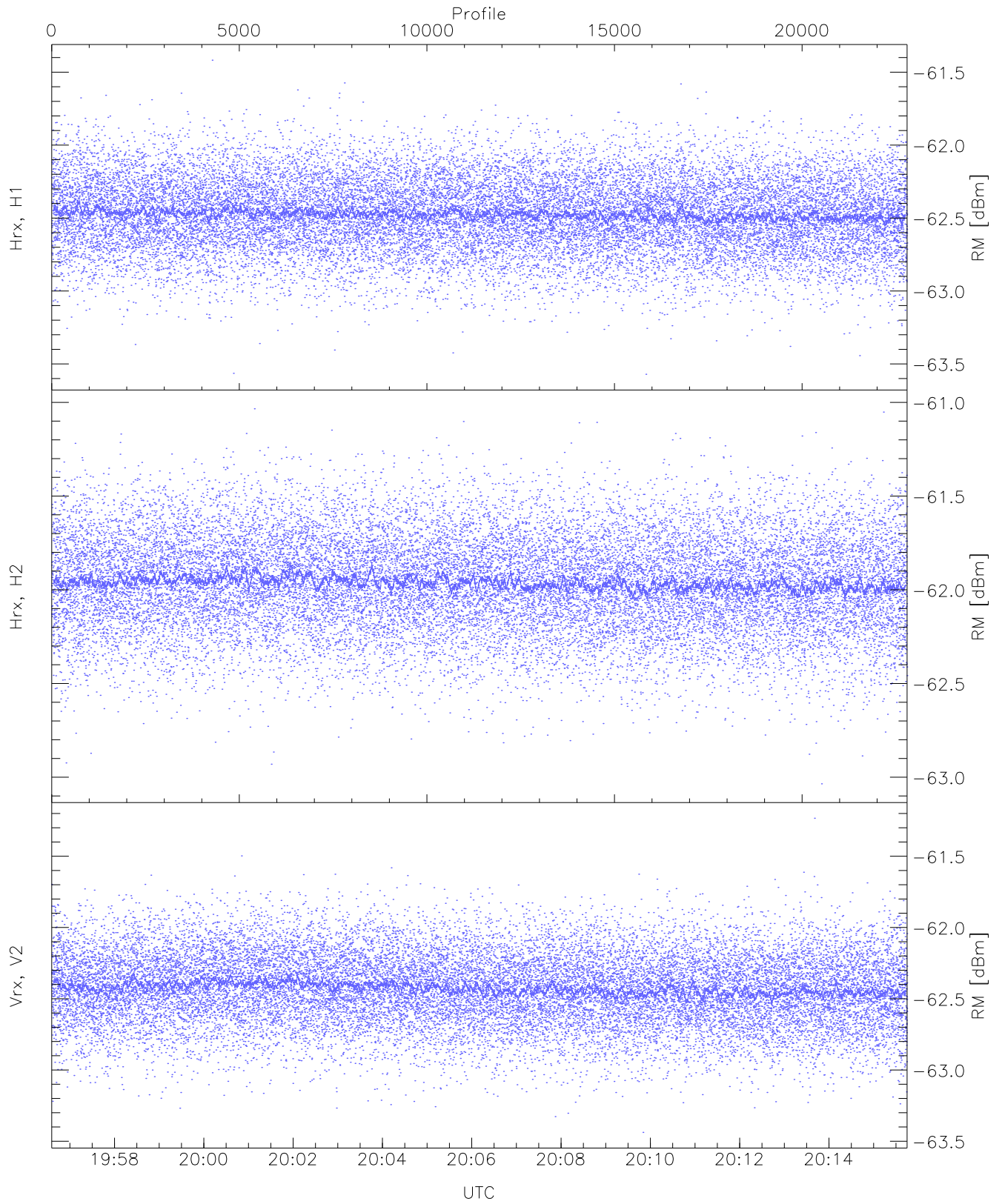
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.95	-60.18	-61.95	-61.95	-74.53
Hrx, H2 (WL [dBm])	-62.95	-61.09	-61.95	-61.95	-74.54
Vrx, V2 (WL [dBm])	-63.61	-61.67	-62.53	-62.53	-75.05



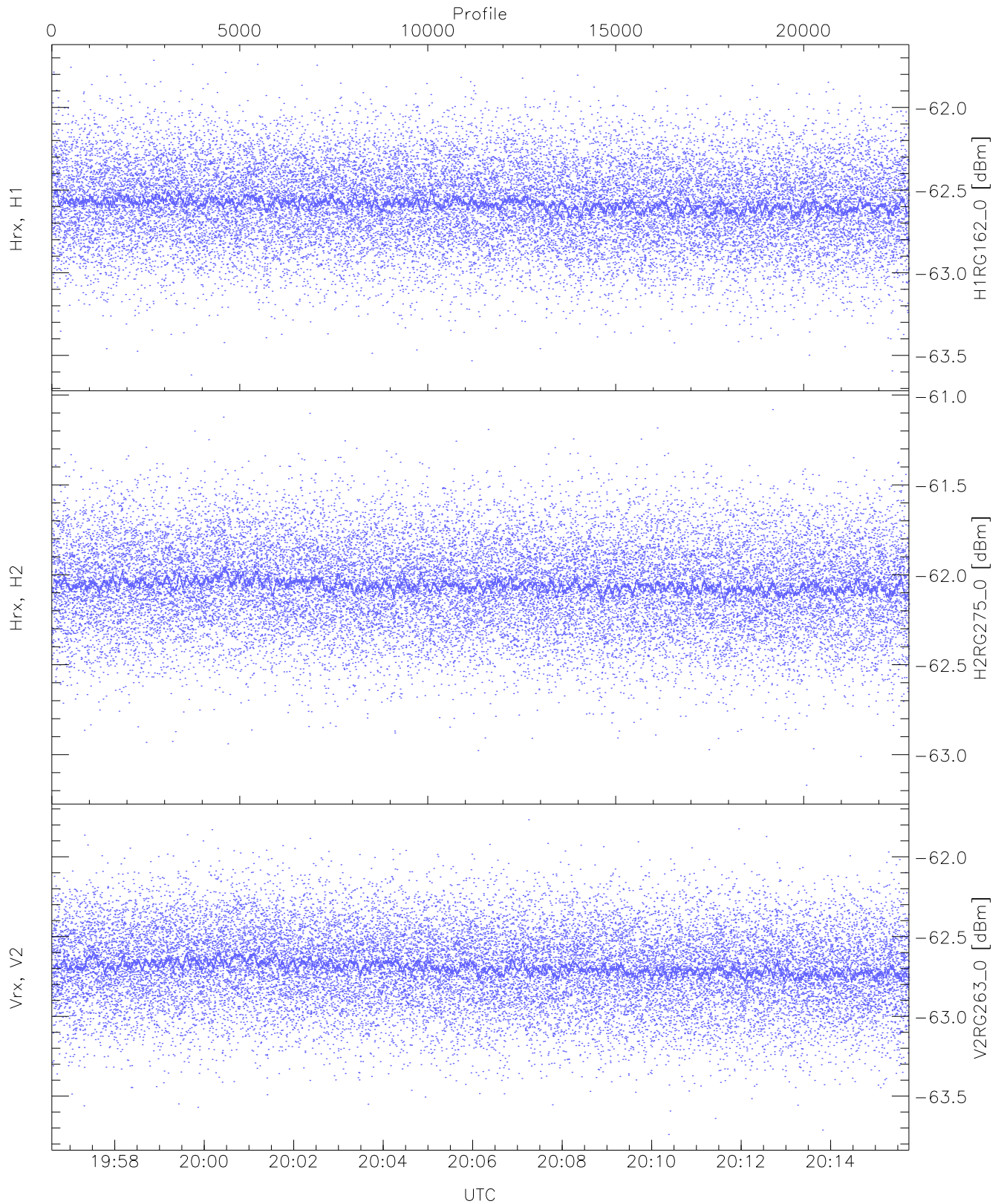
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.73	-60.80	-61.73	-61.73	-74.29
Hrx, H2 (HL [dBm])	-62.66	-60.75	-61.72	-61.73	-74.28
Vrx, V2 (HL [dBm])	-63.31	-61.36	-62.32	-62.32	-74.87



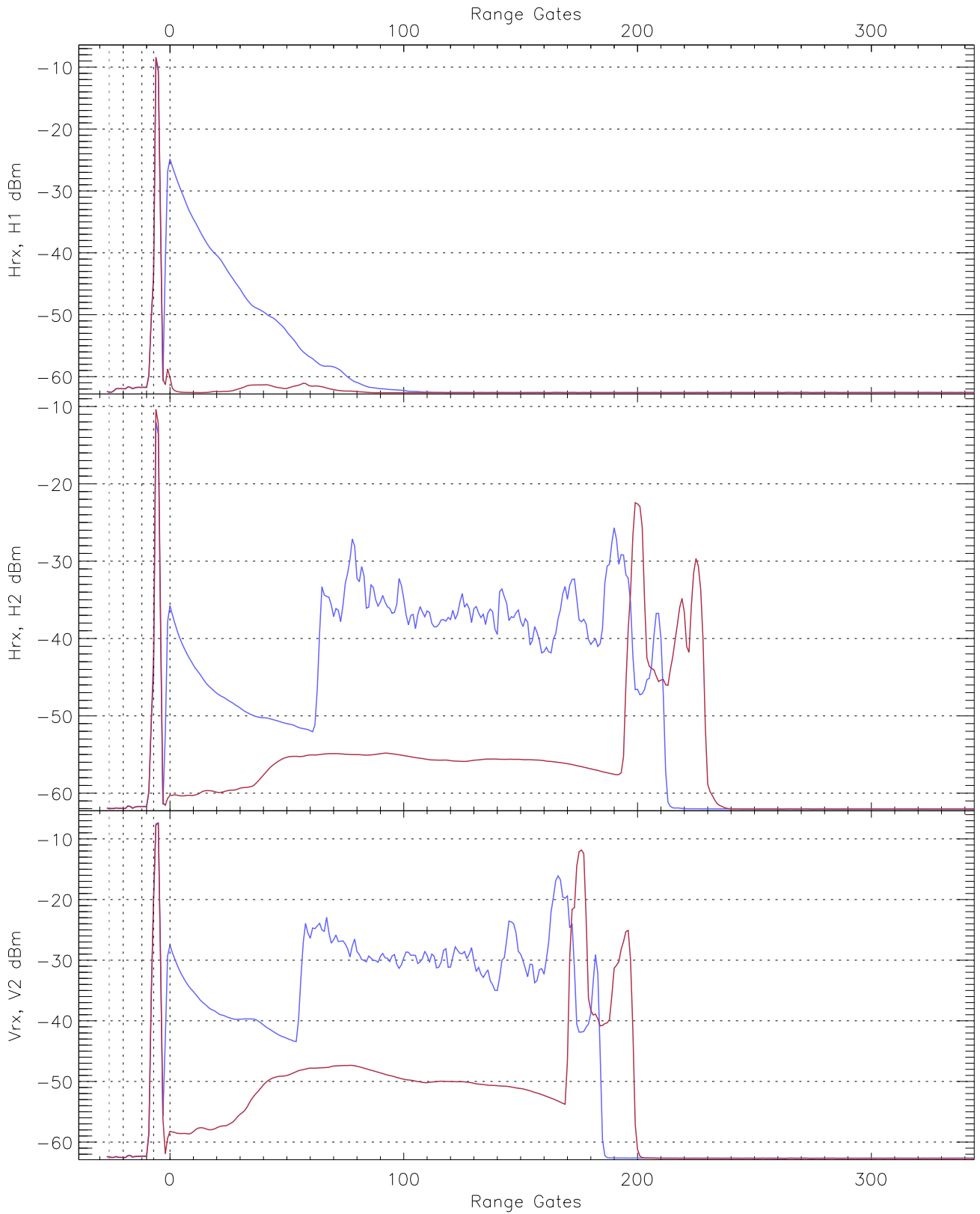
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.57	-61.42	-62.47	-62.48	-75.04
Hrx, H2 (RM [dBm])	-63.04	-61.03	-61.96	-61.96	-74.49
Vrx, V2 (RM [dBm])	-63.44	-61.23	-62.42	-62.43	-74.97

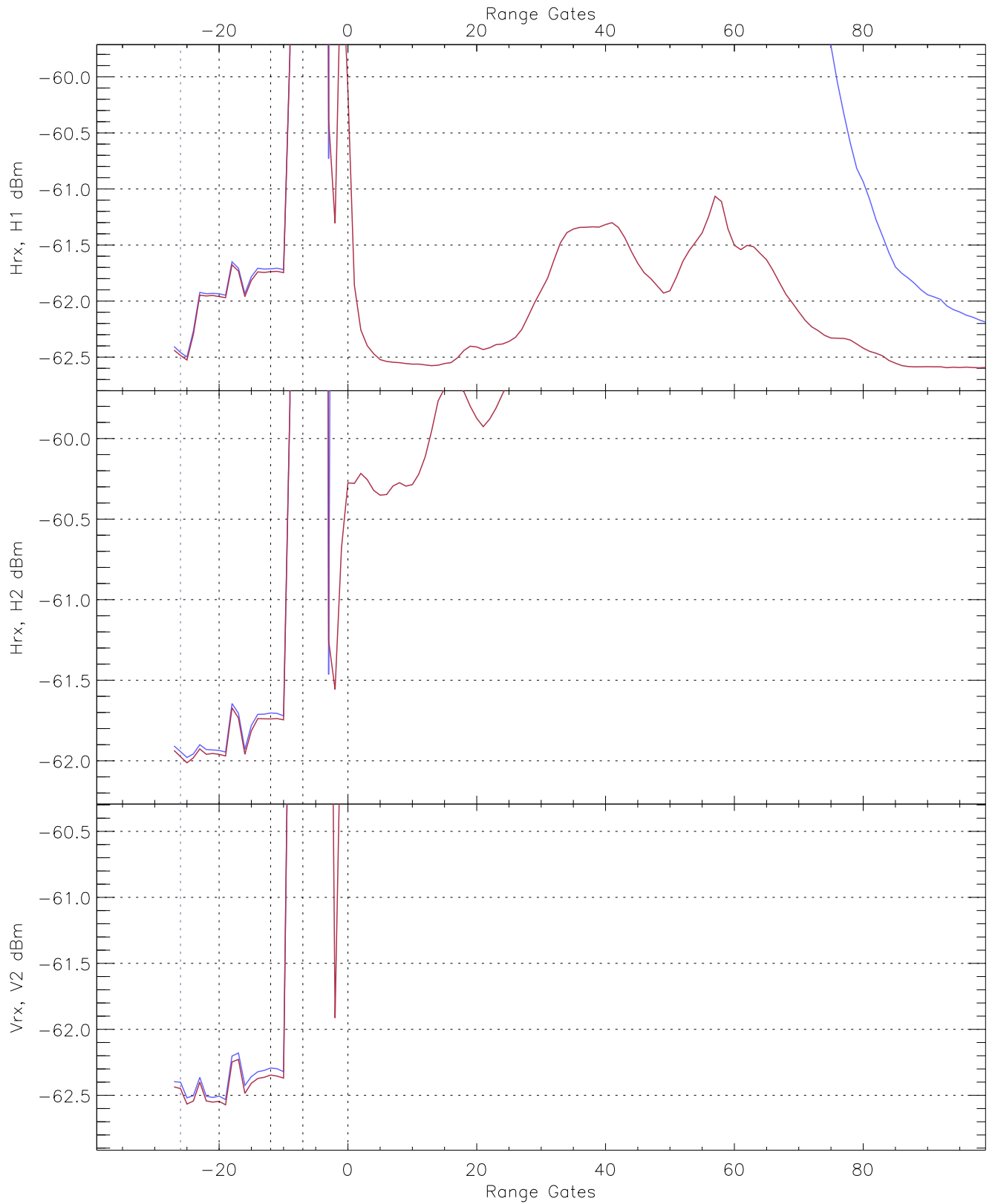


WCR2 CPP "Best" estimate Receivers Noise Power

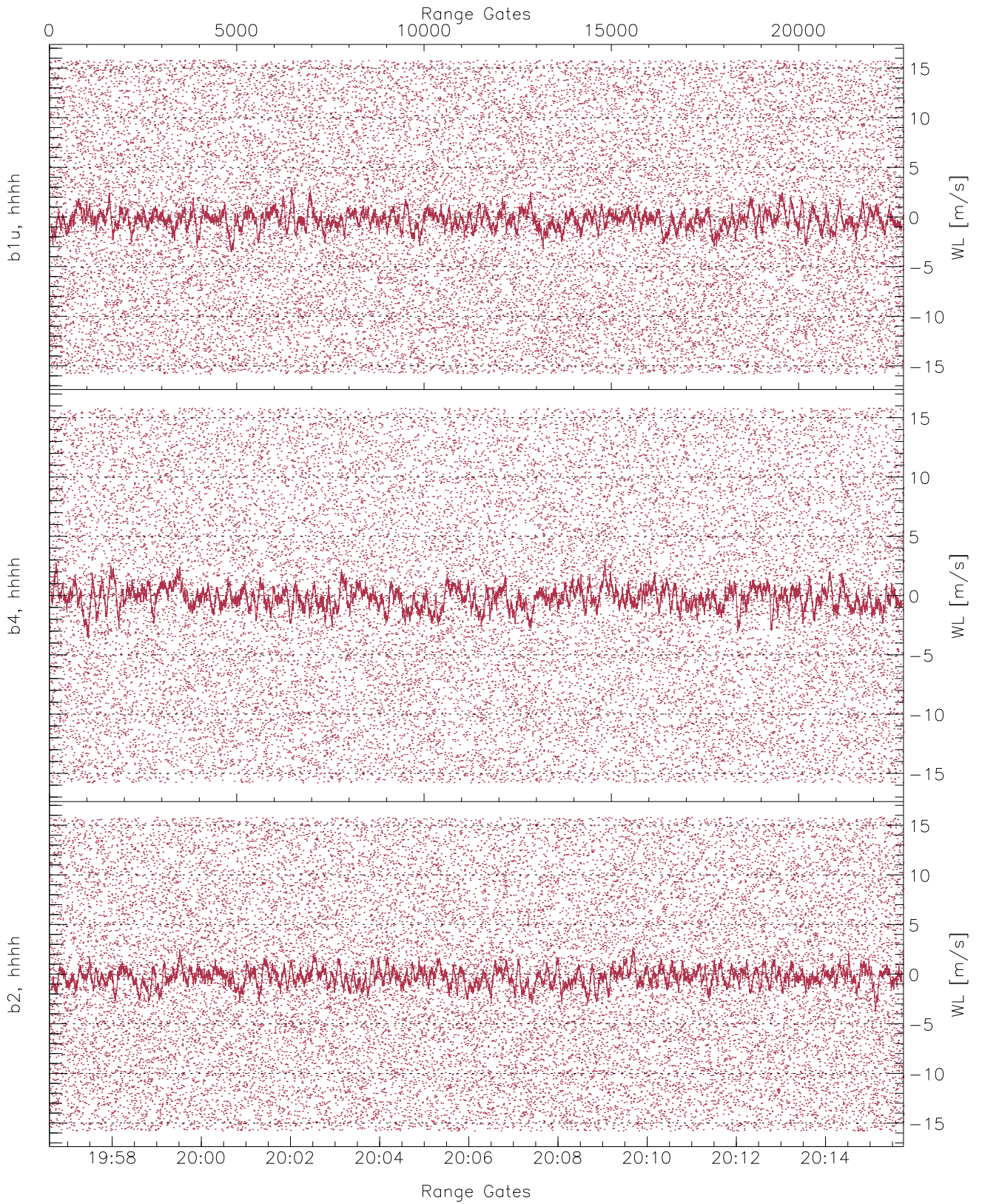
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.62	-61.71	-62.58	-62.58	-75.15
H2RG275_0 [dBm]	-63.17	-61.08	-62.06	-62.06	-74.62
V2RG263_0 [dBm]	-63.74	-61.77	-62.69	-62.70	-75.24



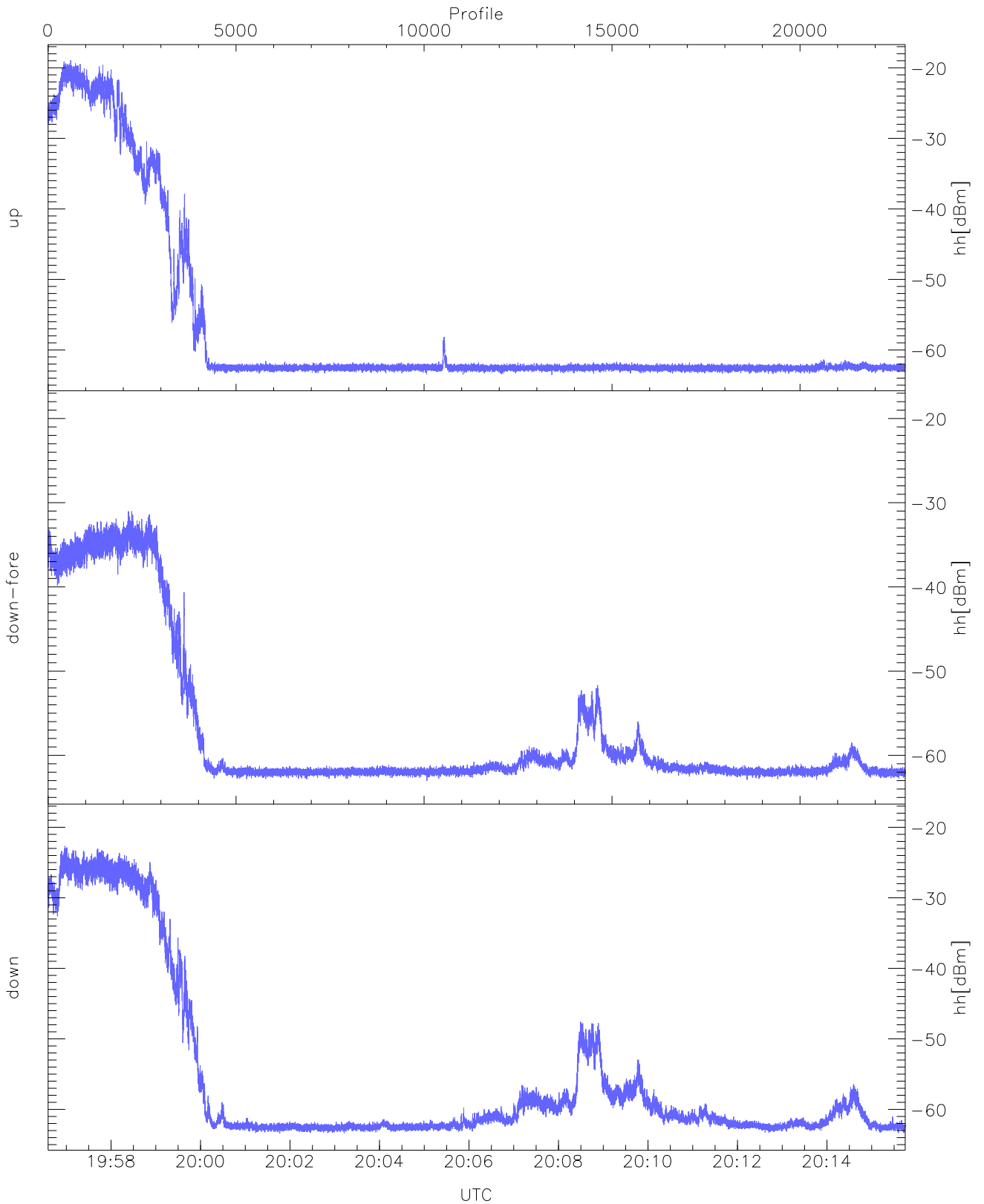
WCR2 CPP Averaged Received power for all recorded gates
blue: 195636-200610, 11401 profiles averaged
red: 200610-201545, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 195636-200610, 11401 profiles averaged
red: 200610-201545, 11400 profiles averaged

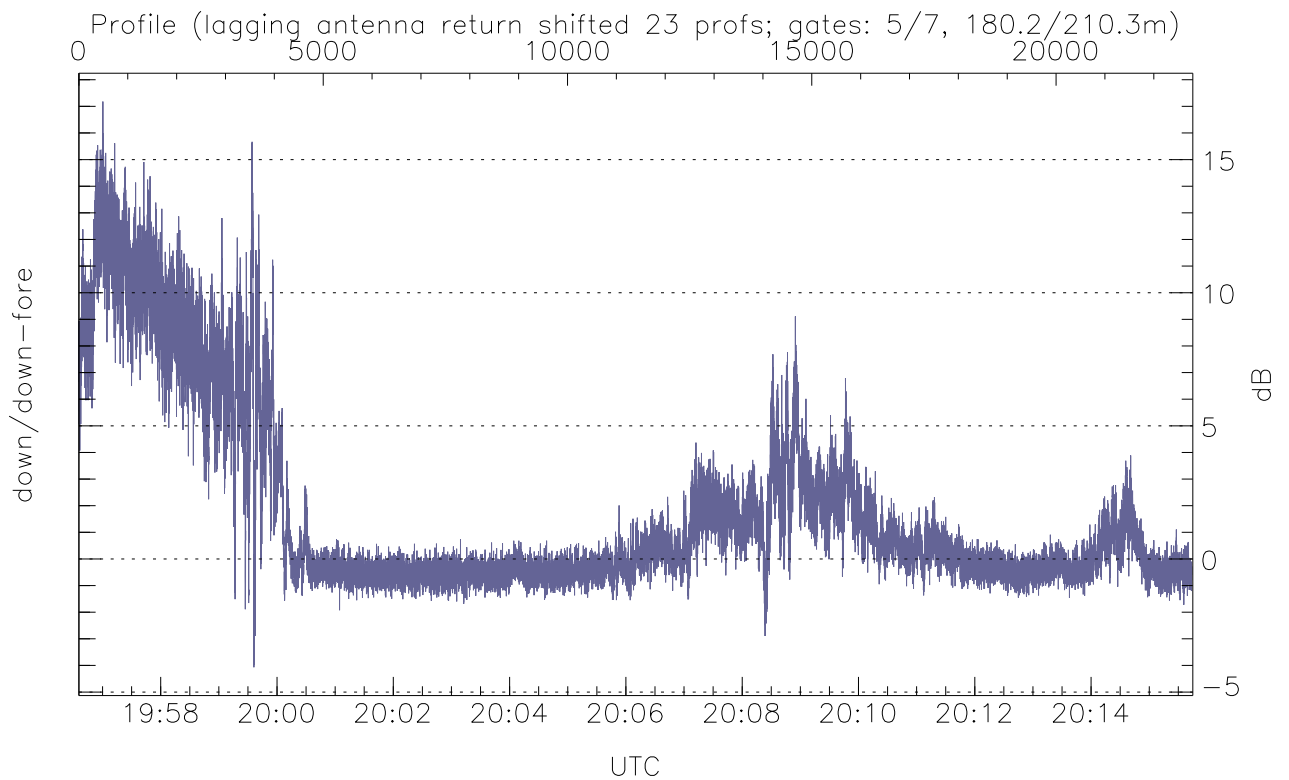
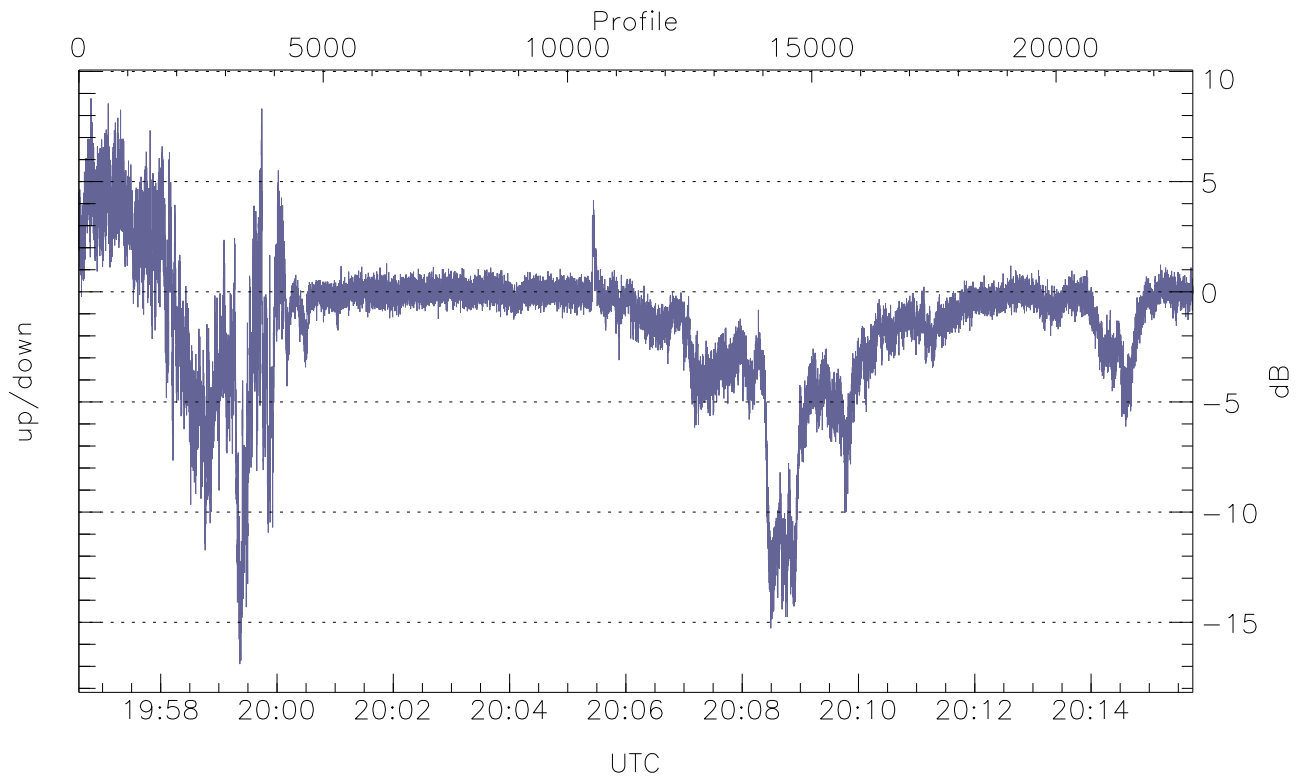


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



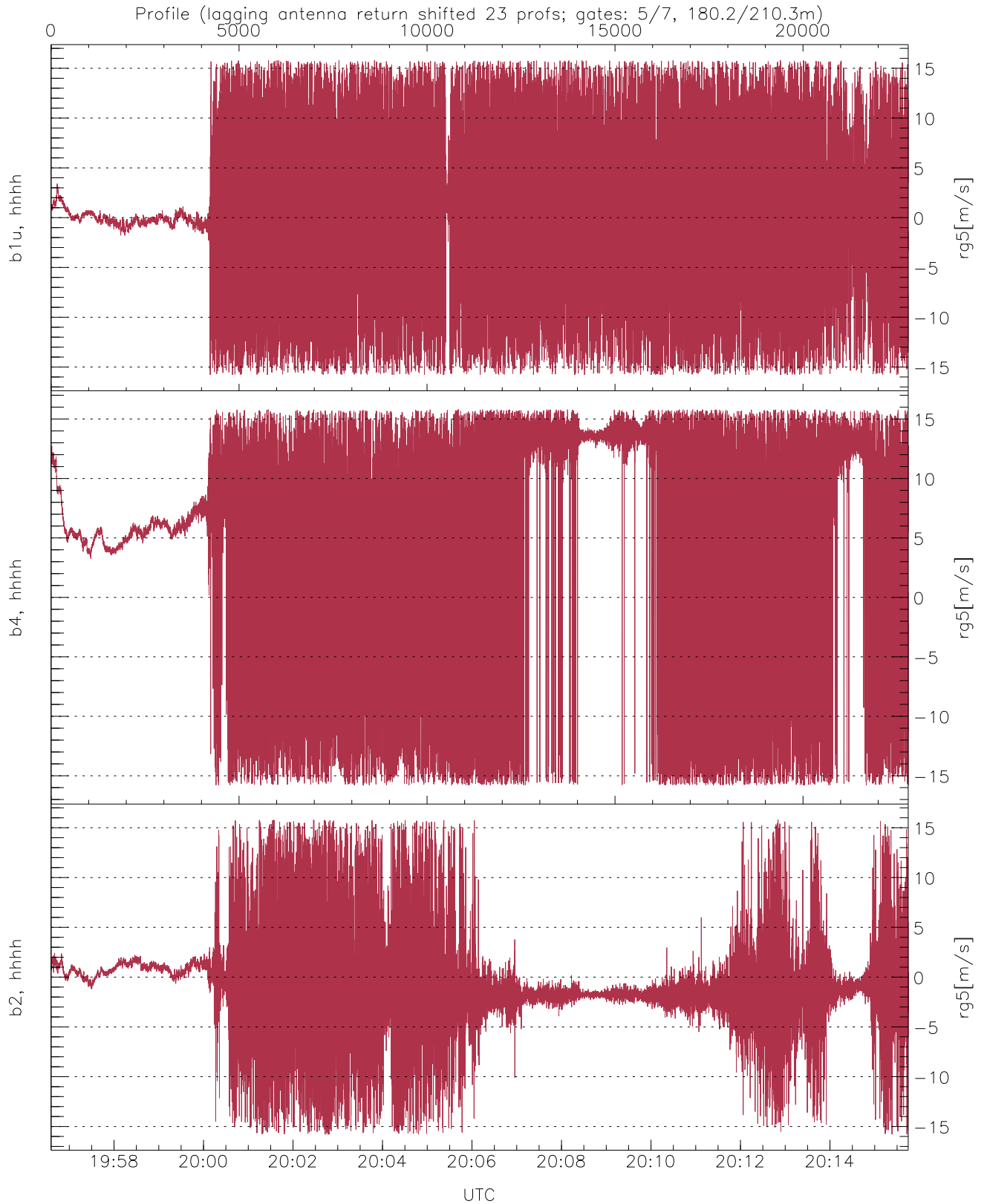
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.55	-18.93	-33.17
down-fore(hh[dBm])	-63.05	-31.02	-43.50
down(hh[dBm])	-63.42	-22.65	-35.38



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

	Min	Max	Mean
up/down (dB)	-16.90	8.78	-1.41
down/down-fore (dB)	-4.07	17.18	1.82



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.80	0.09	7.74
b4, hhhh(rg5[m/s])	-15.80	15.80	5.10	9.40
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.88	4.37