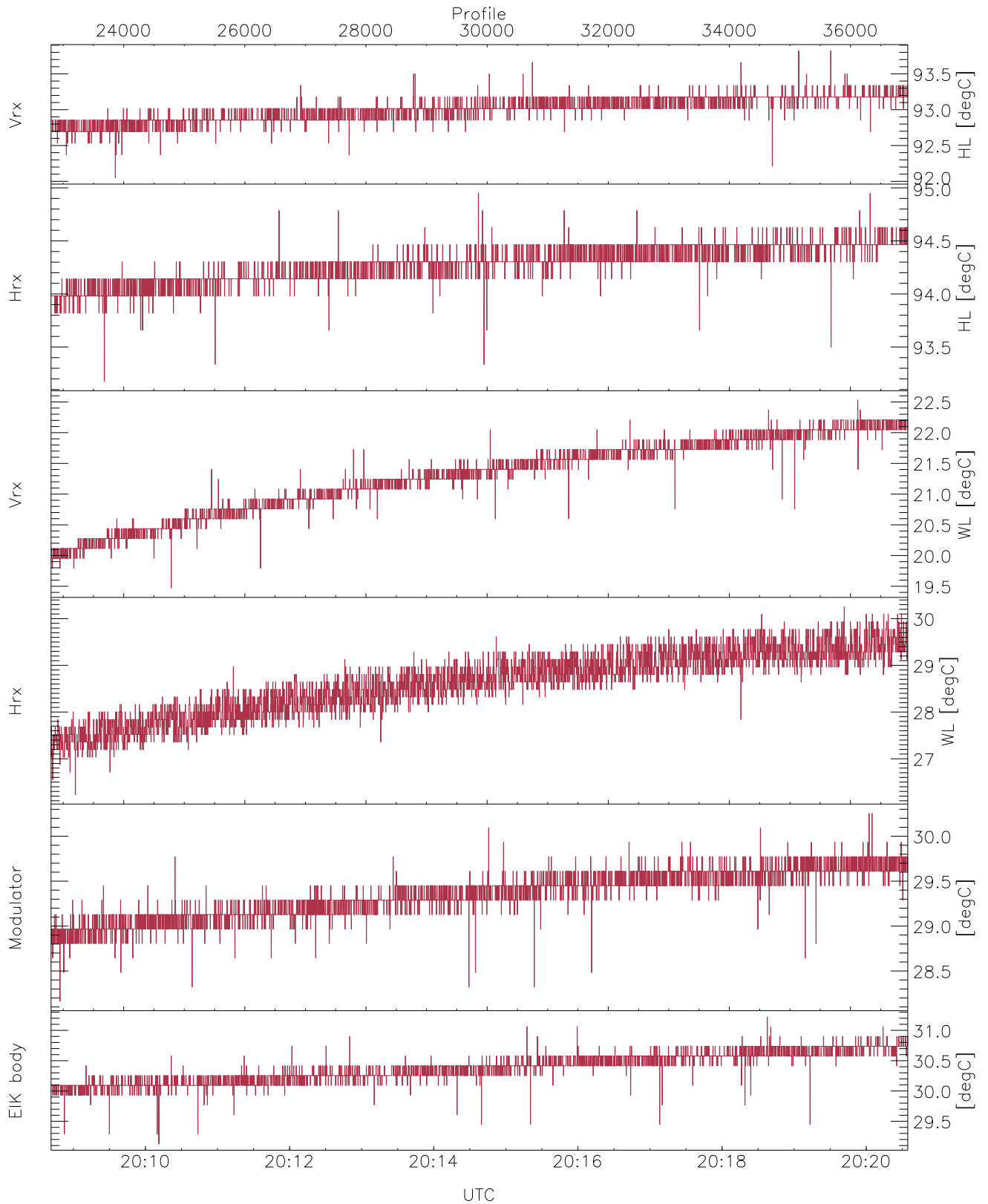


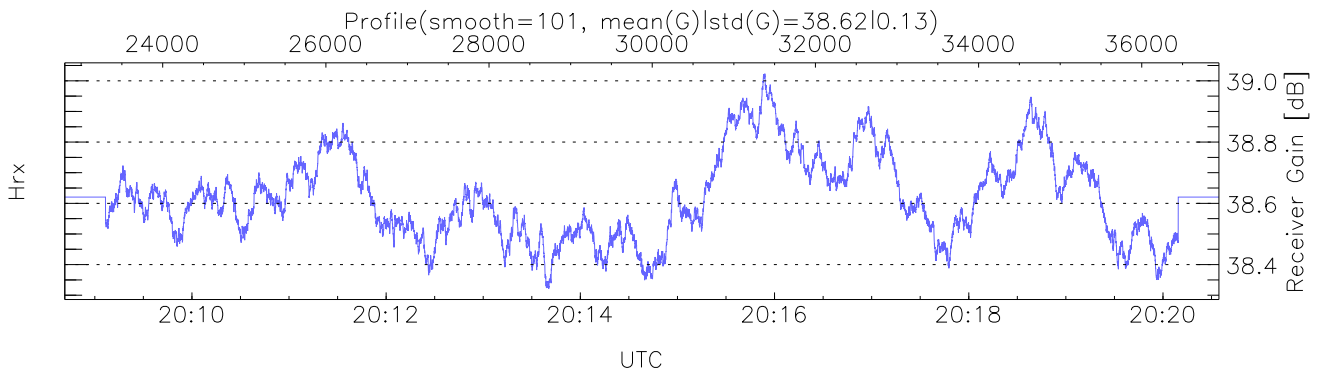
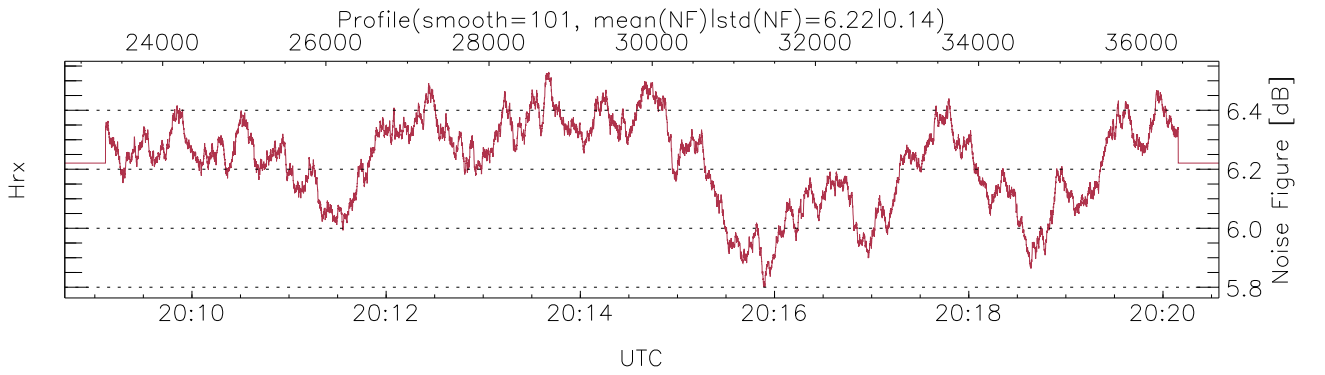
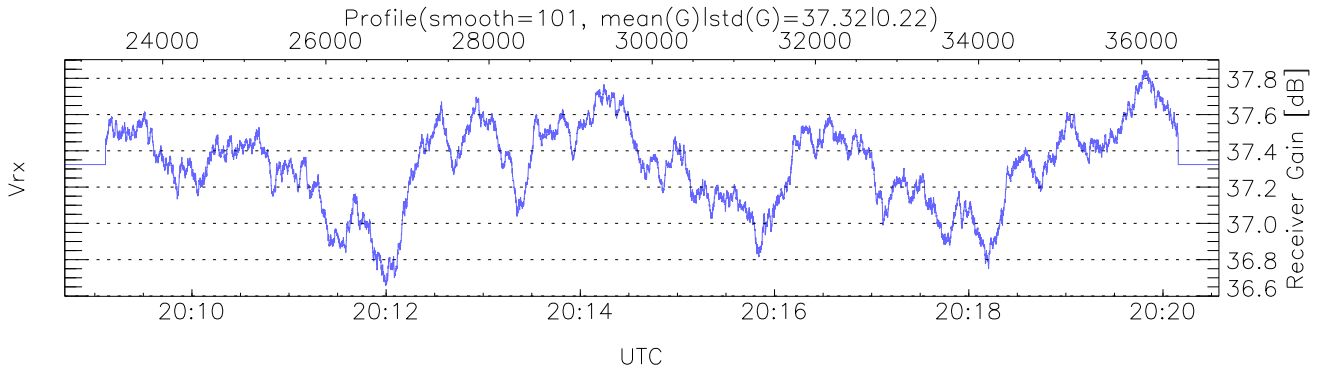
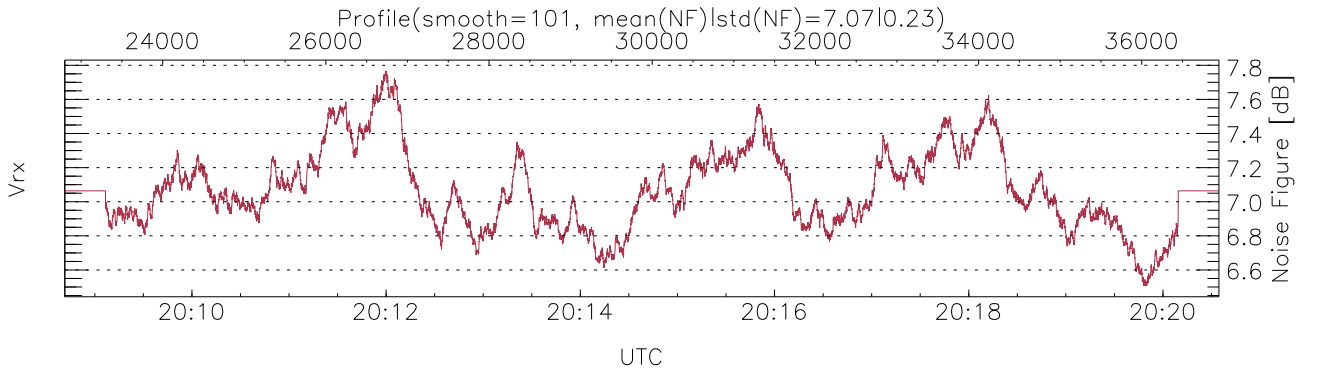
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:49:32-20:20:35, Dur: 1862.54s
 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): 14147/36947, 22800-36946/20:08:41-20:20:35
 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



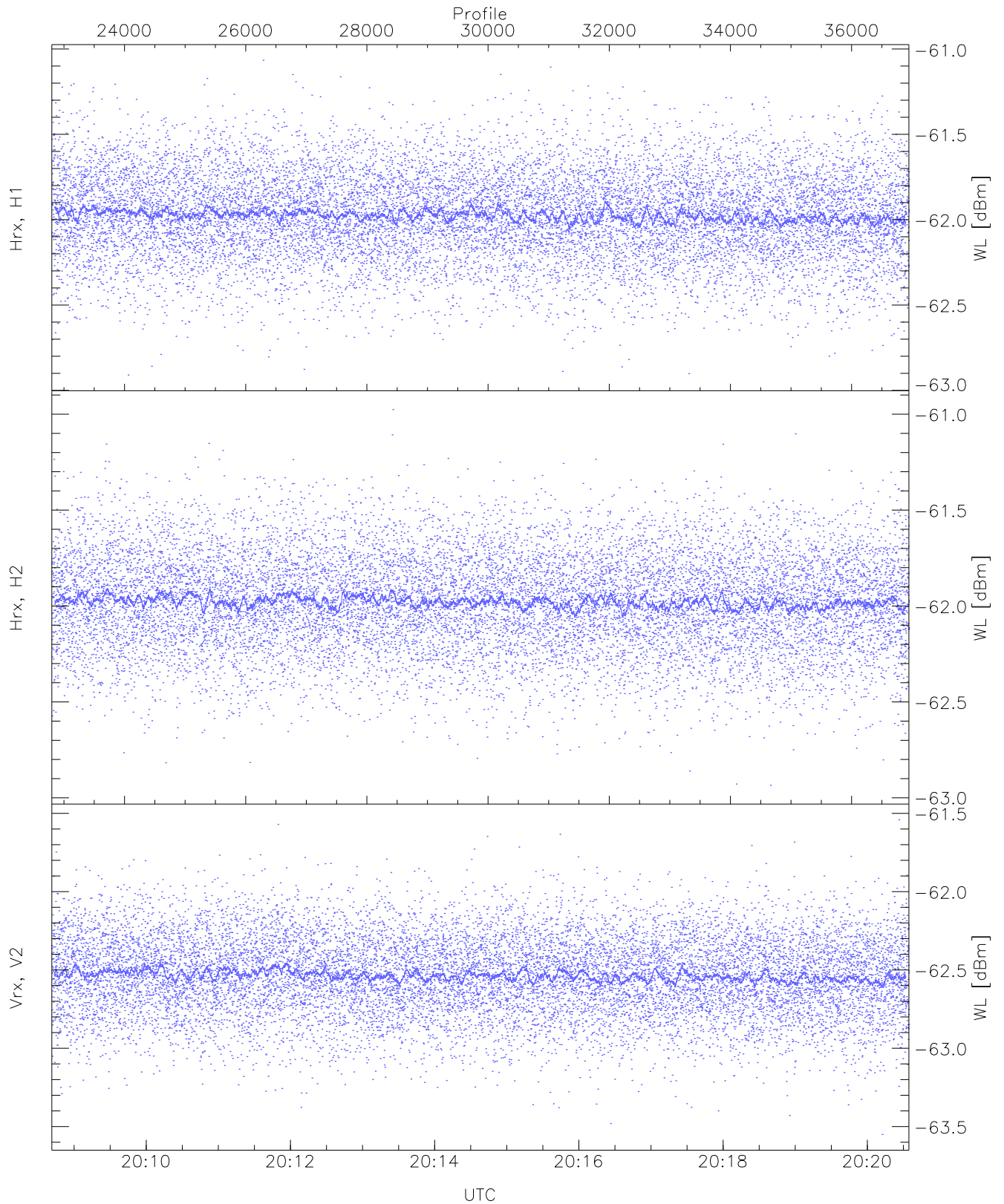
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,19,26,28,29
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,30,30,31
 LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,0,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,6)



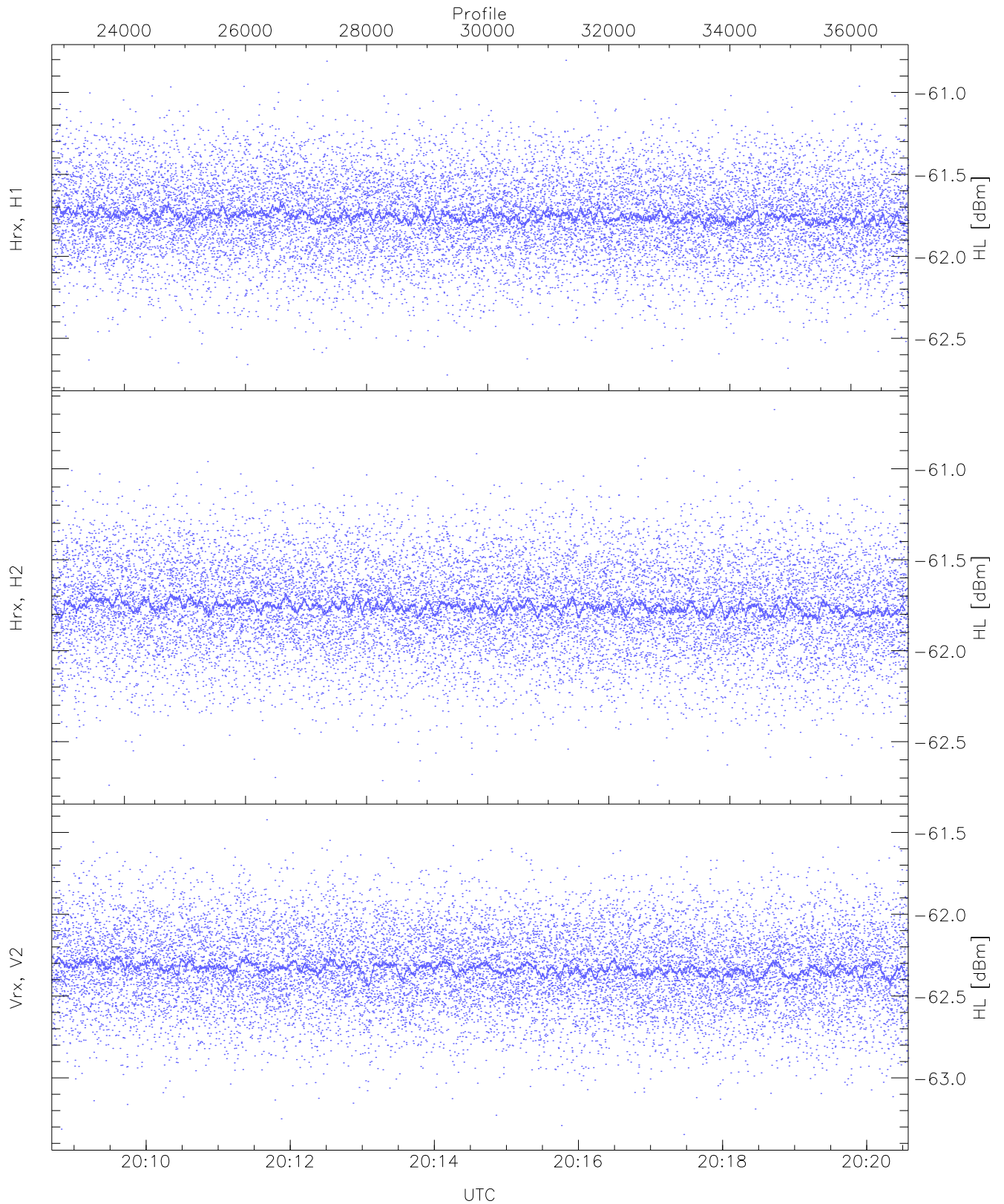
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5834 pixs, 13 gates, 5821 profs, 2 prods



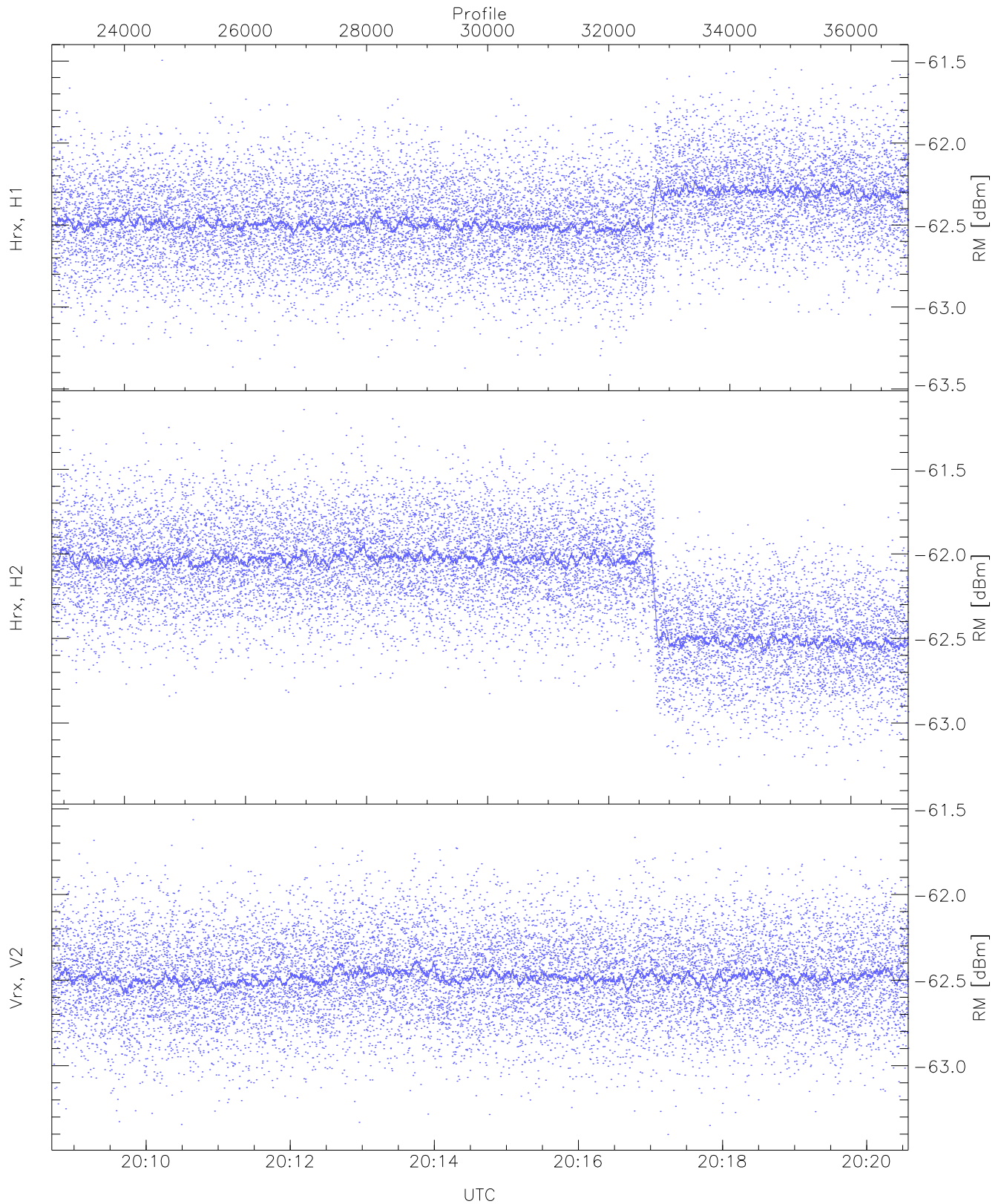
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.91	-61.07	-61.97	-61.98	-74.49
Hrx, H2(WL [dBm])	-62.93	-60.98	-61.97	-61.98	-74.56
Vrx, V2(WL [dBm])	-63.55	-61.54	-62.53	-62.53	-75.10



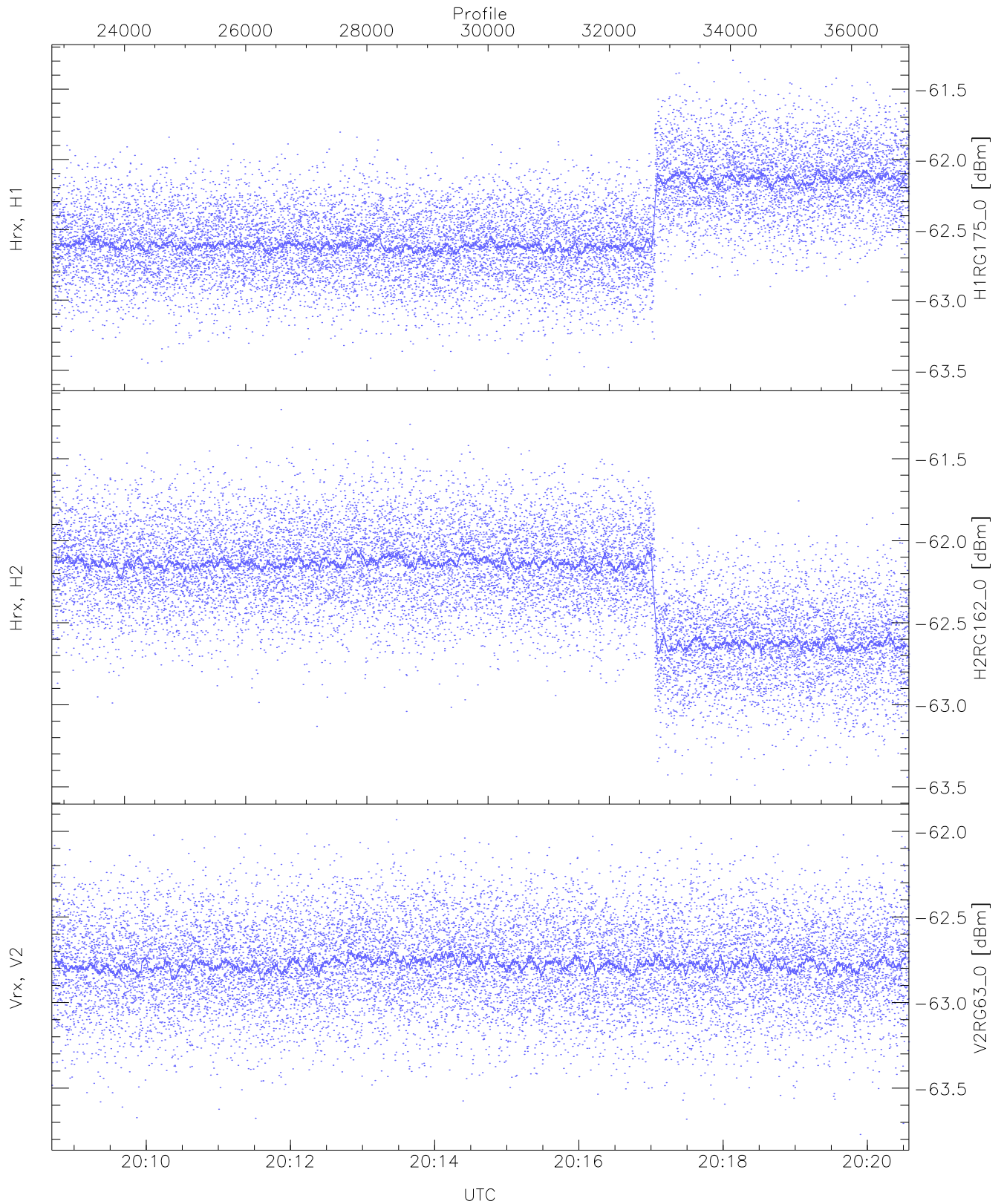
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.72	-60.80	-61.75	-61.76	-74.31
Hrx, H2 (HL [dBm])	-62.74	-60.67	-61.76	-61.76	-74.30
Vrx, V2 (HL [dBm])	-63.35	-61.42	-62.33	-62.34	-74.87



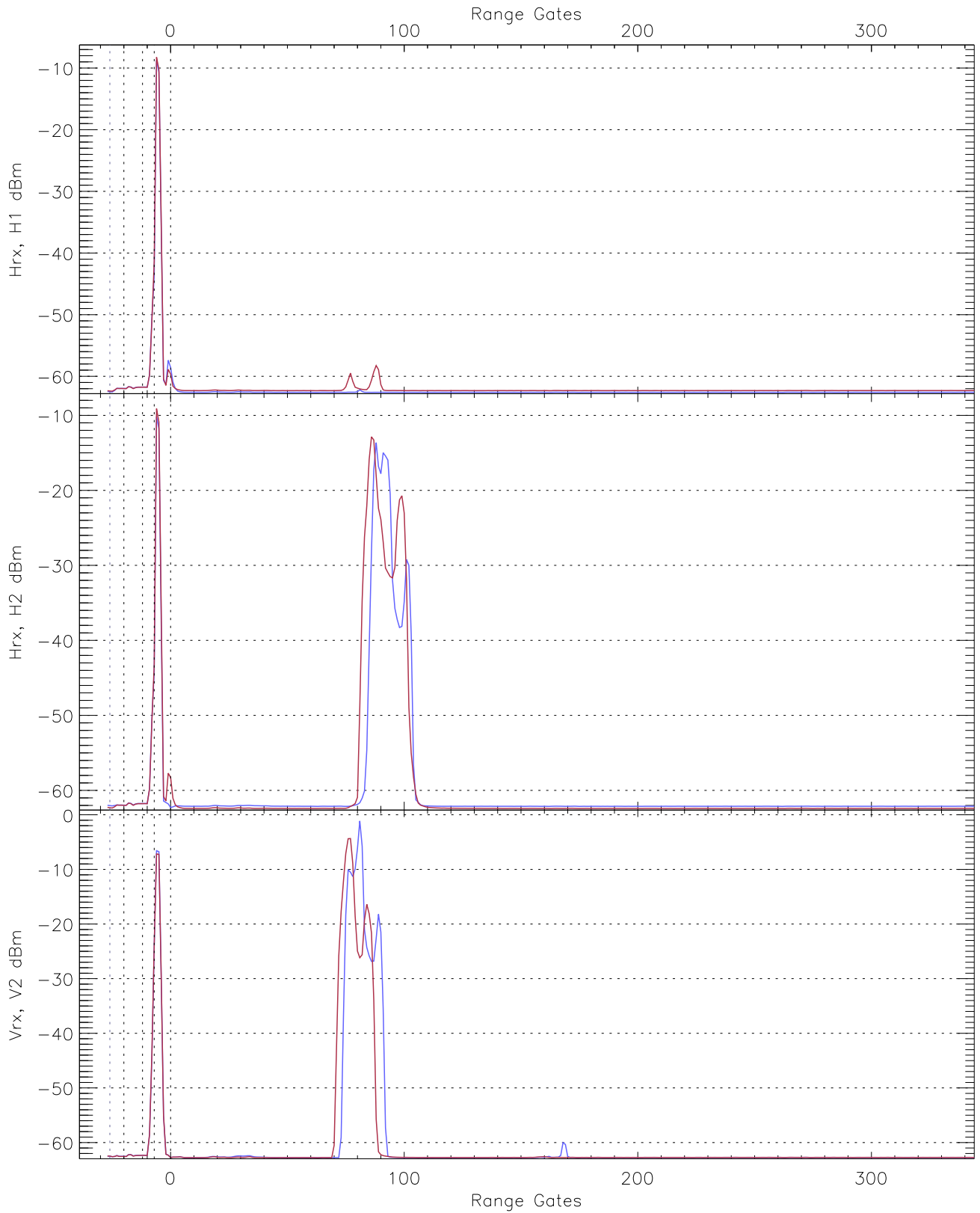
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.41	-61.50	-62.43	-62.44	-74.71
Hrx, H2 (RM [dBm])	-63.37	-61.15	-62.16	-62.14	-73.43
Vrx, V2 (RM [dBm])	-63.40	-61.56	-62.48	-62.48	-75.00

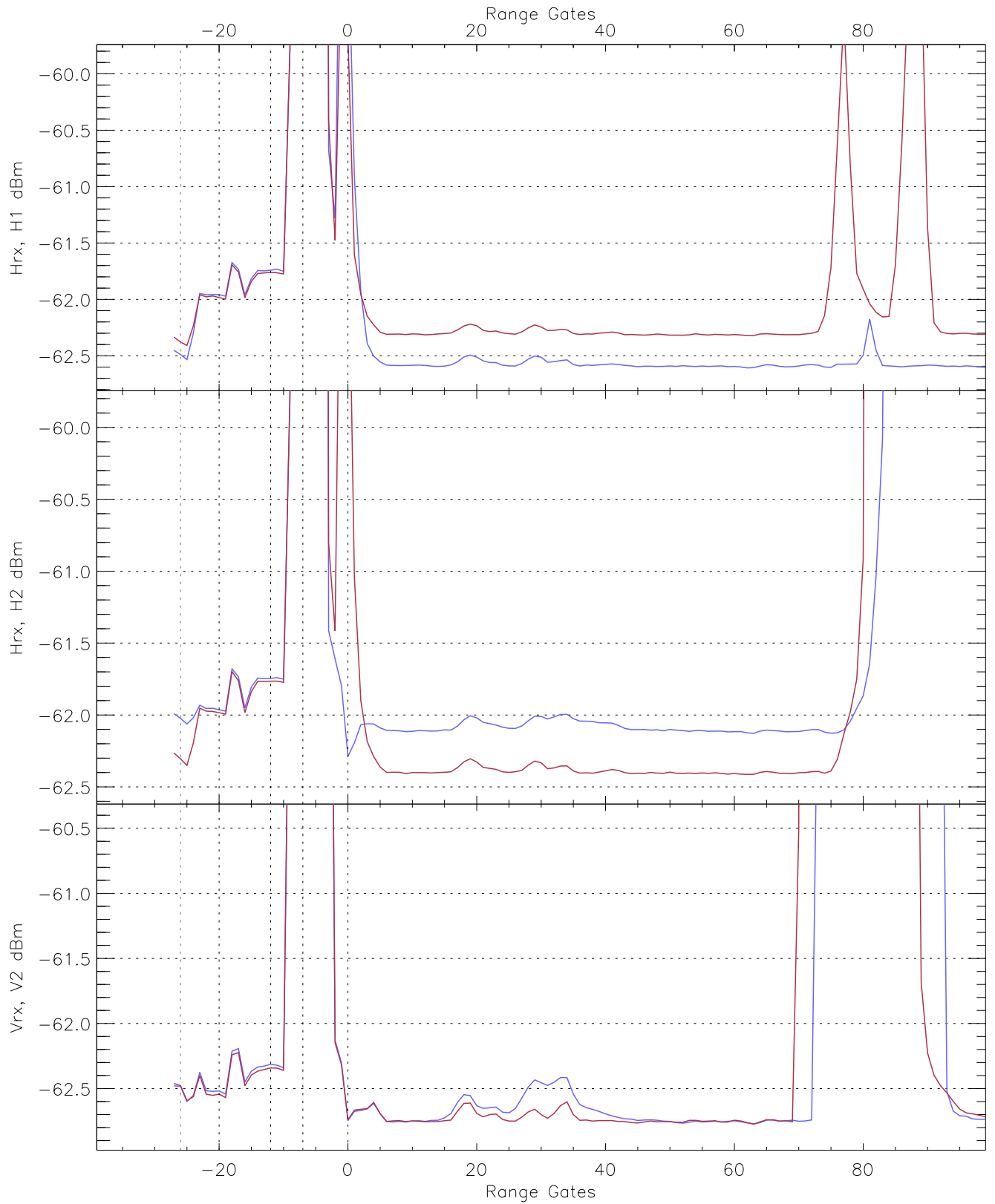


WCR2 CPP "Best" estimate Receivers Noise Power

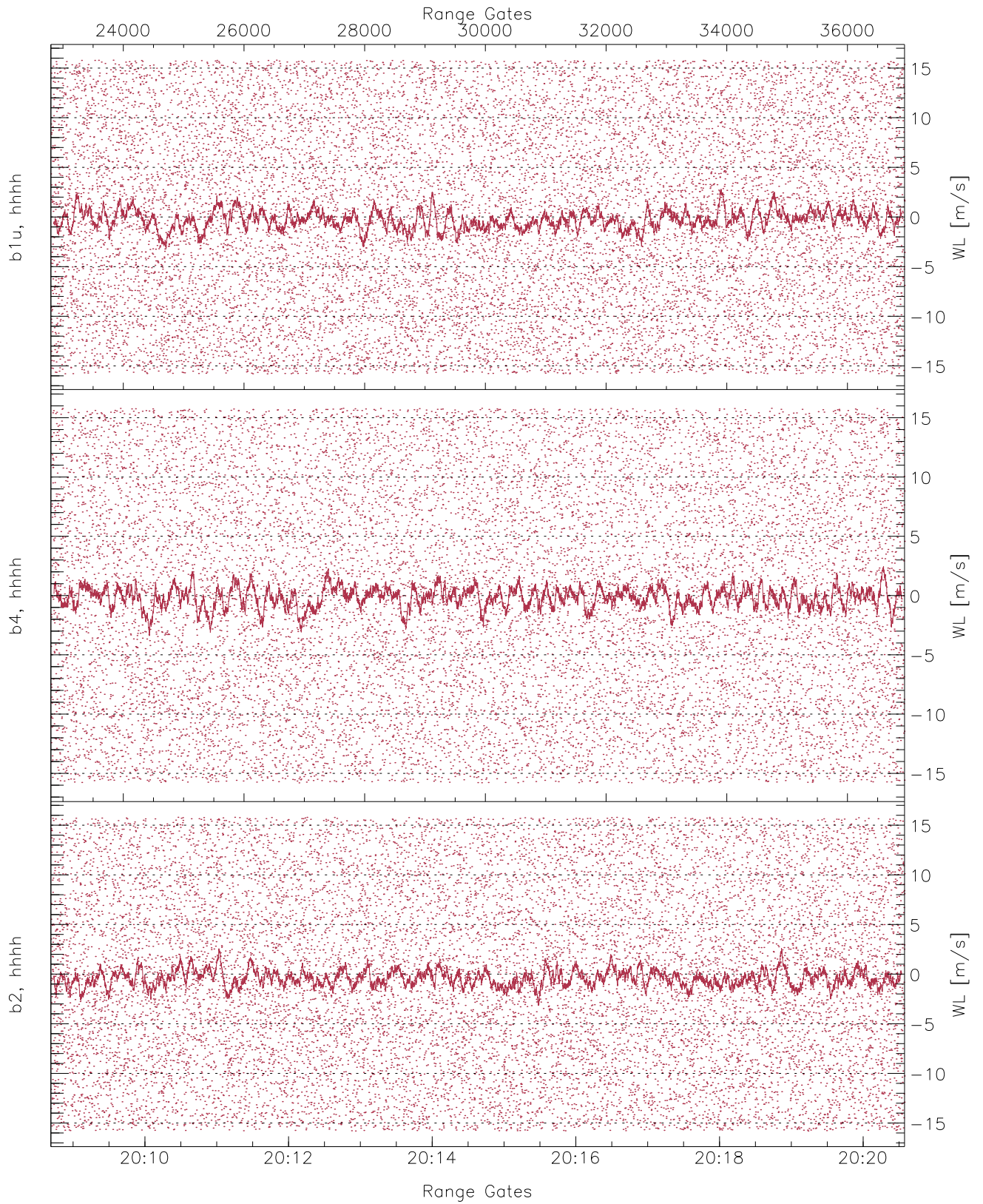
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.53	-61.29	-62.46	-62.50	-73.65
H2RG162_0 [dBm]	-63.49	-61.20	-62.27	-62.25	-73.49
V2RG63_0 [dBm]	-63.77	-61.93	-62.77	-62.78	-75.29



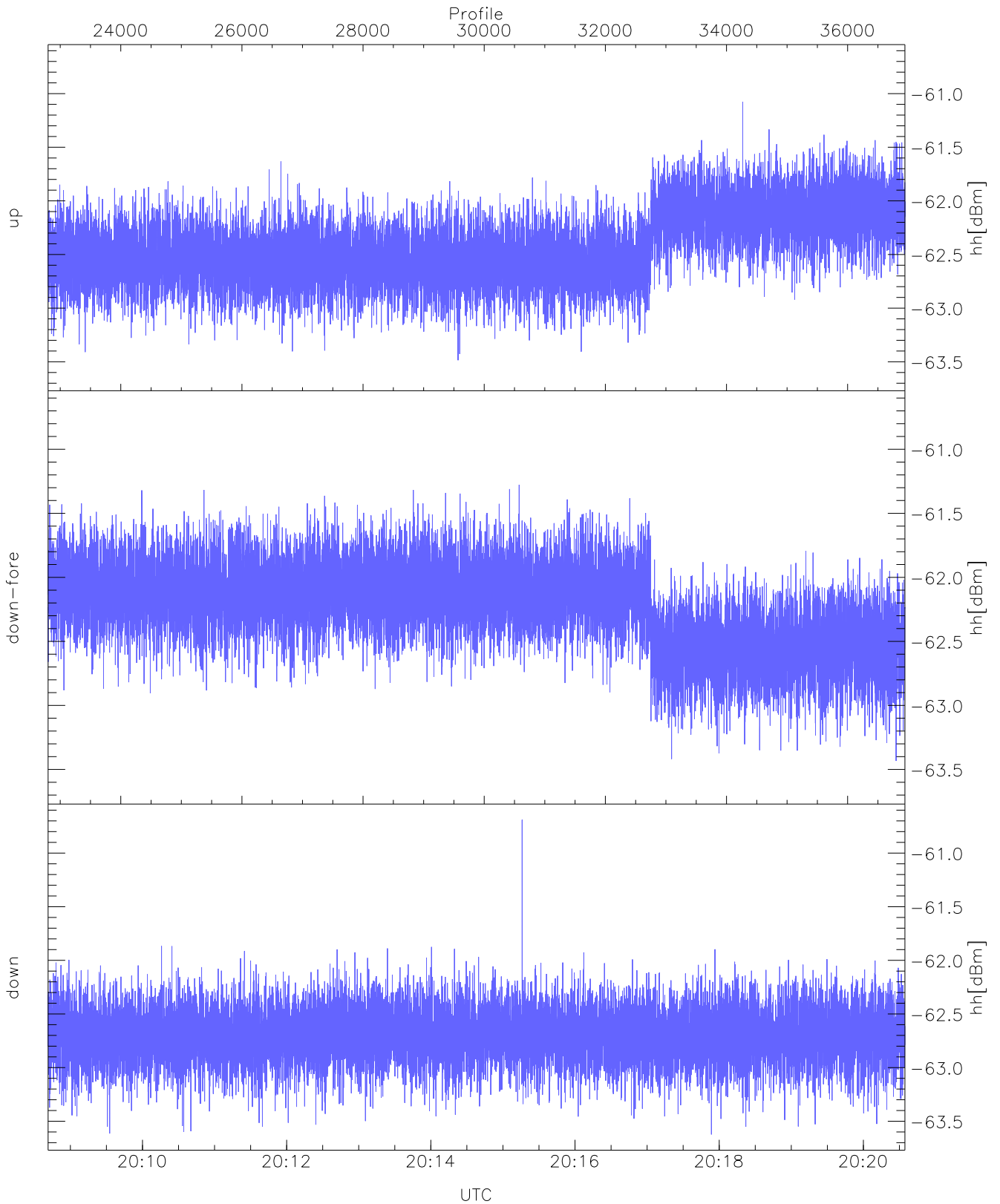
WCR2 CPP Averaged Received power for all recorded gates
blue: 200841-201438, 7074 profiles averaged
red: 201438-202035, 7074 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 200841-201438, 7074 profiles averaged
red: 201438-202035, 7074 profiles averaged

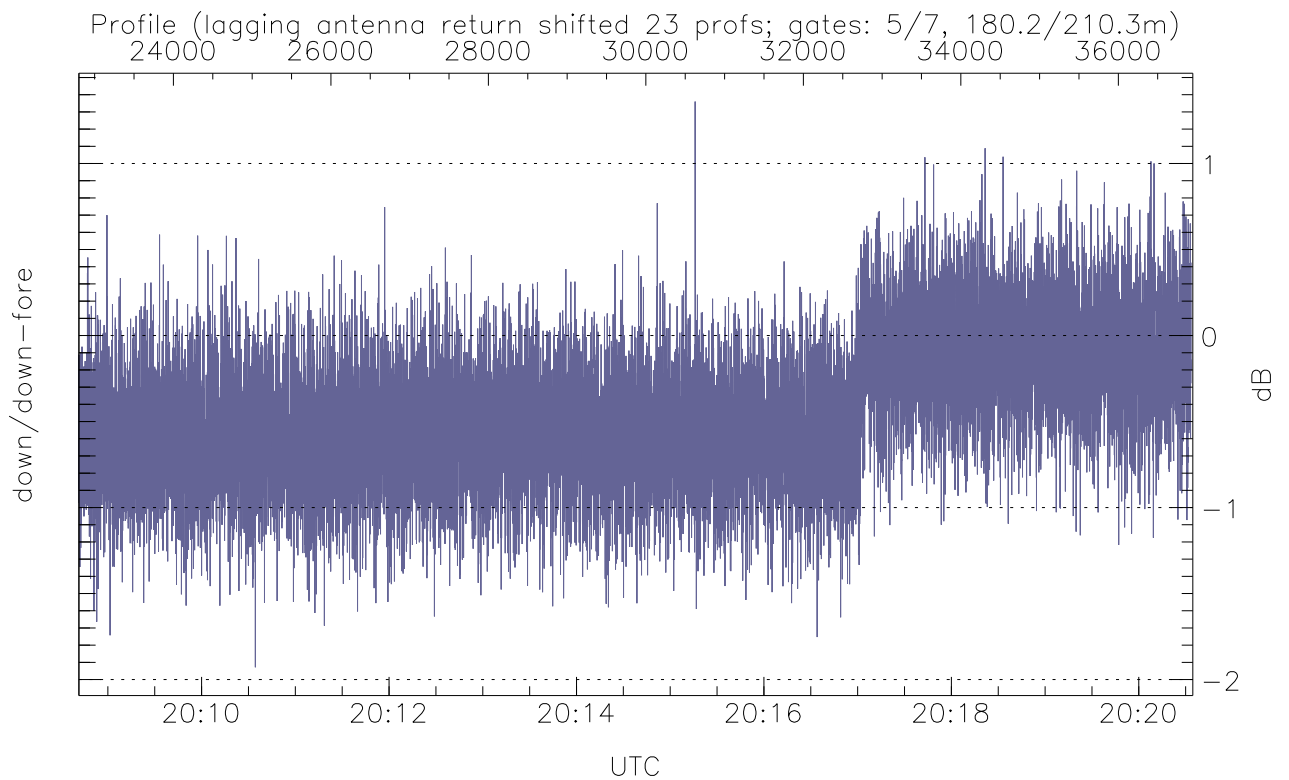
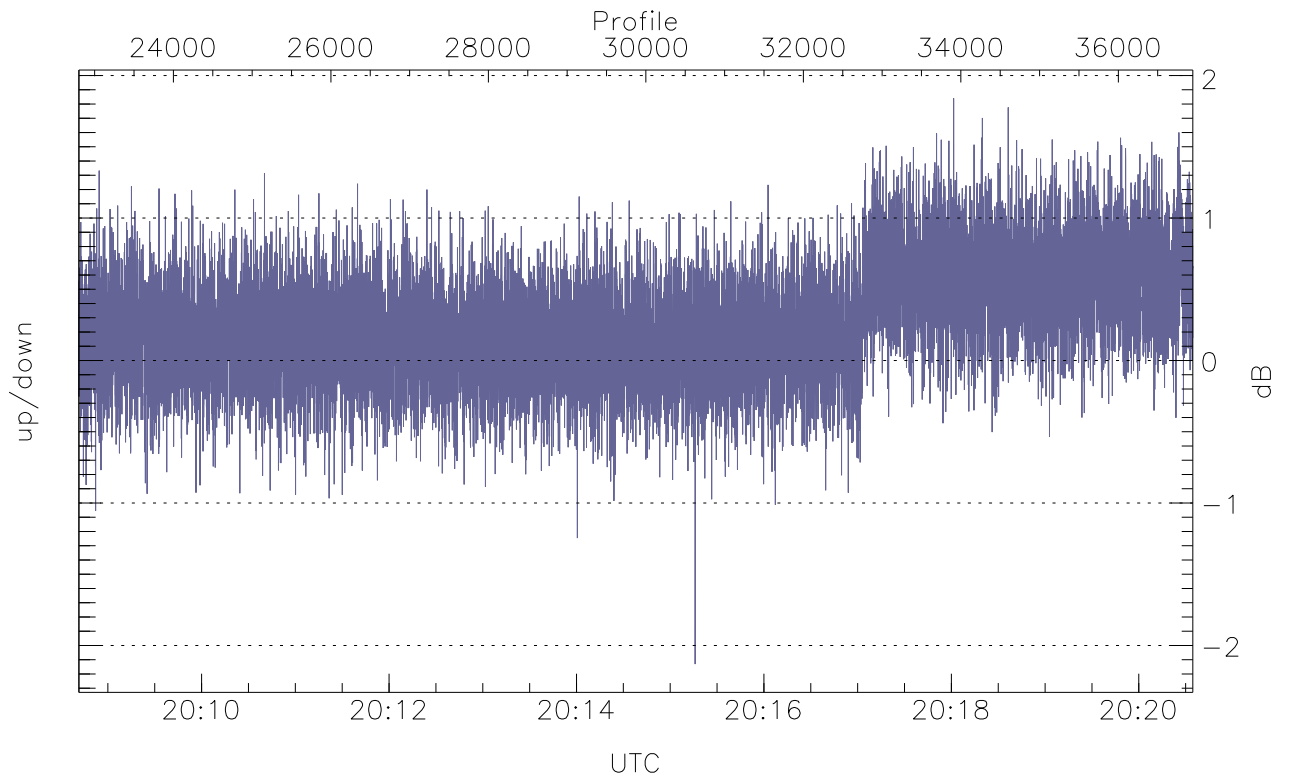


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



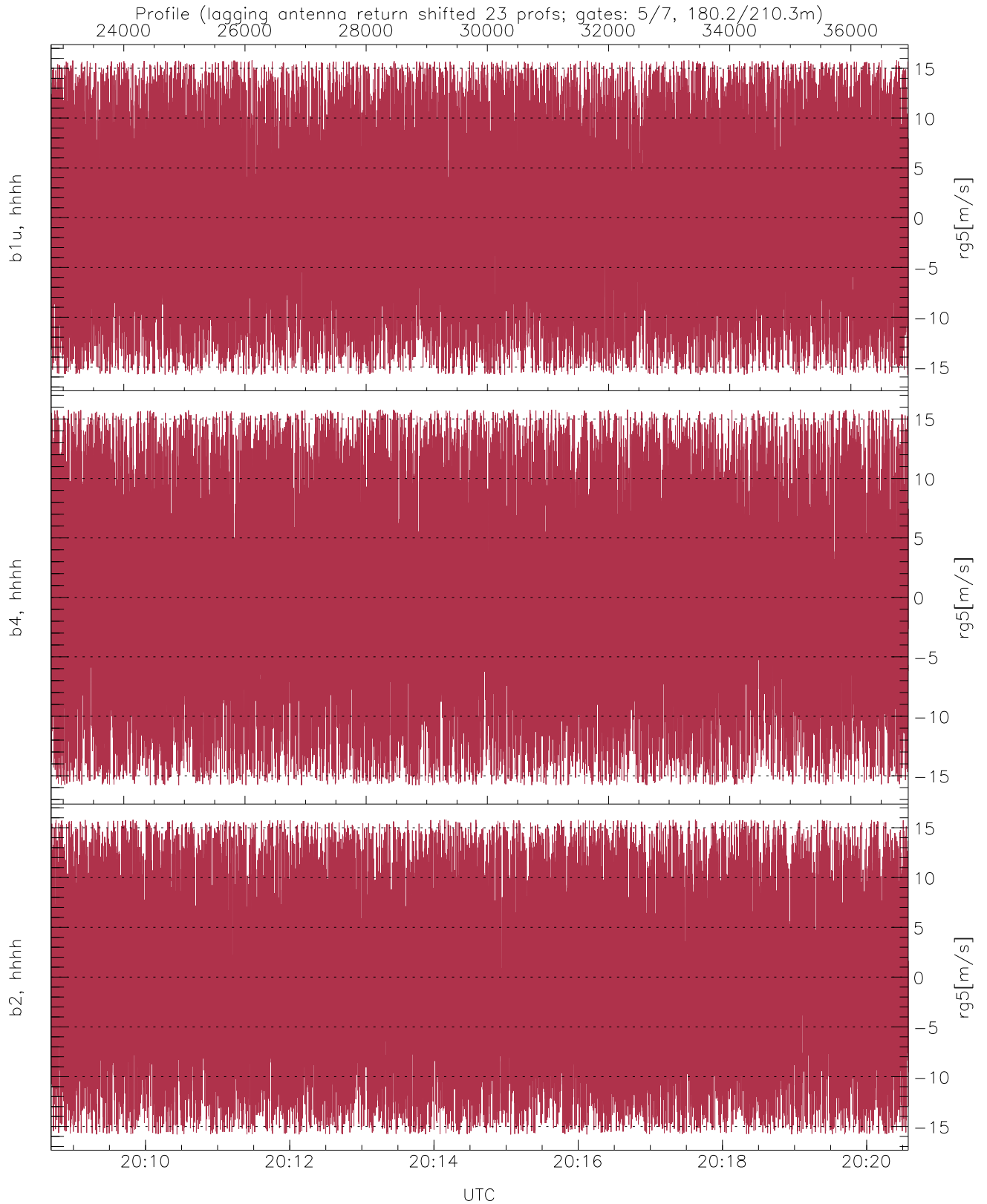
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.49	-61.08	-62.42
down-fore(hh[dBm])	-63.43	-61.28	-62.22
down(hh[dBm])	-63.62	-60.69	-62.69



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

	Min	Max	Mean
up/down (dB)	-2.13	1.84	0.27
down/down-fore (dB)	-1.93	1.36	-0.44



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.09	8.95
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.19	8.96
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.54	9.04