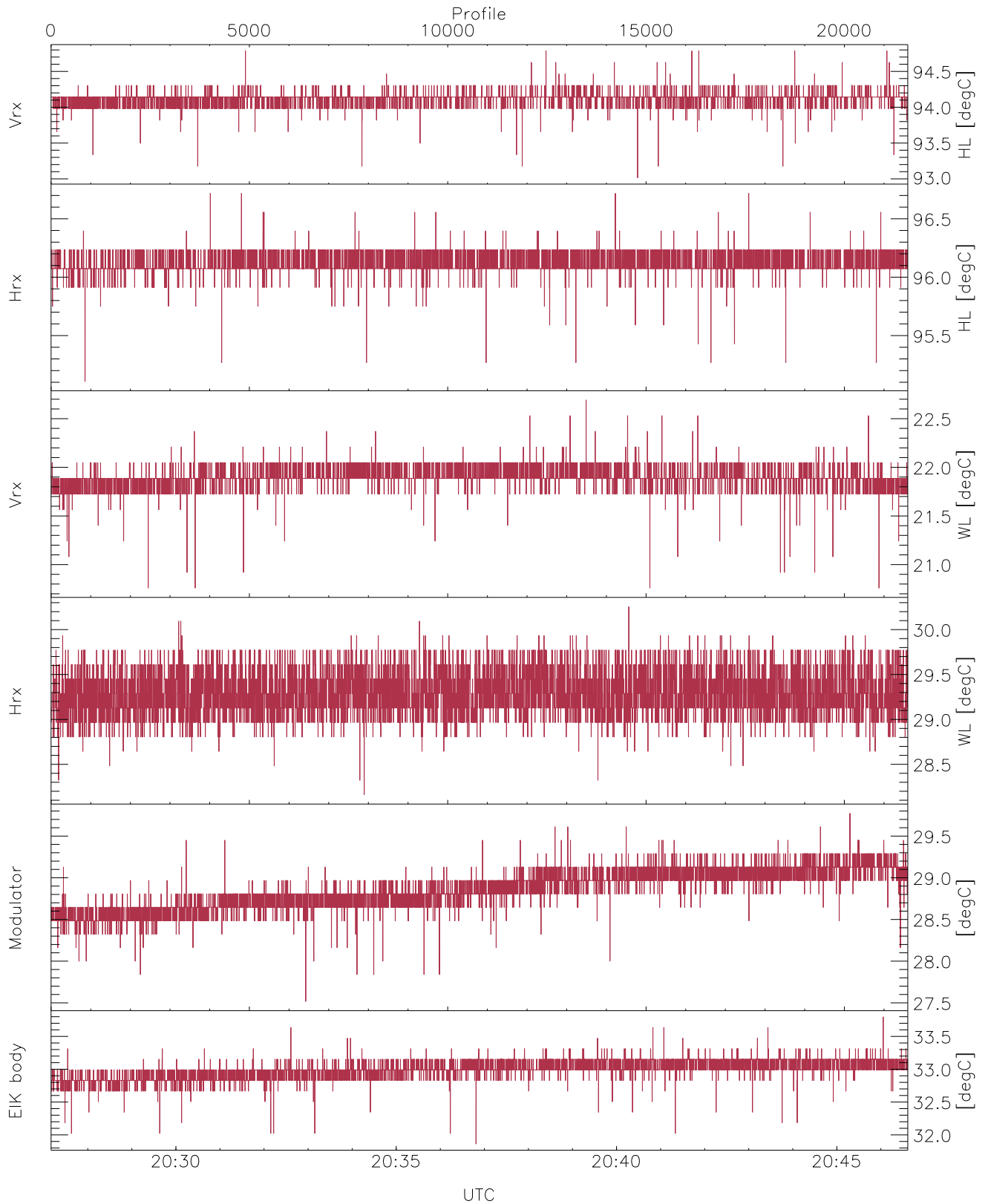


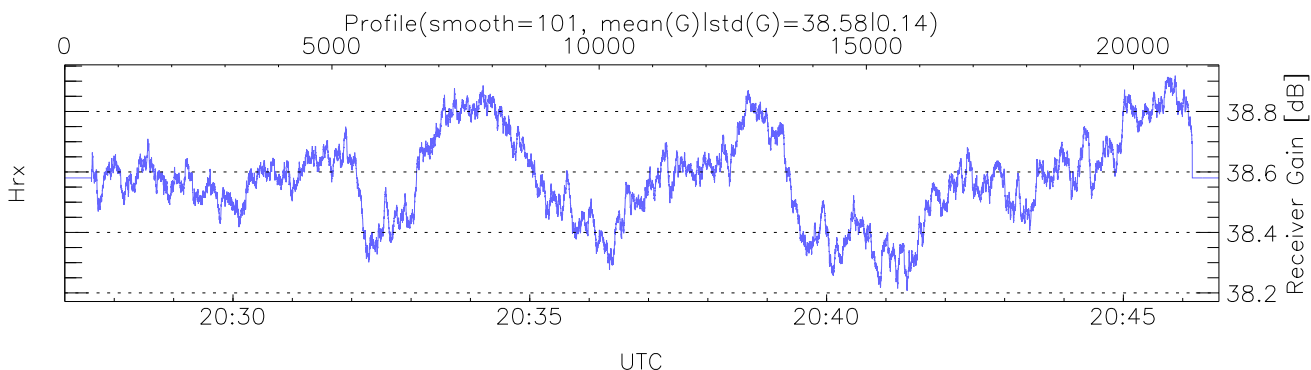
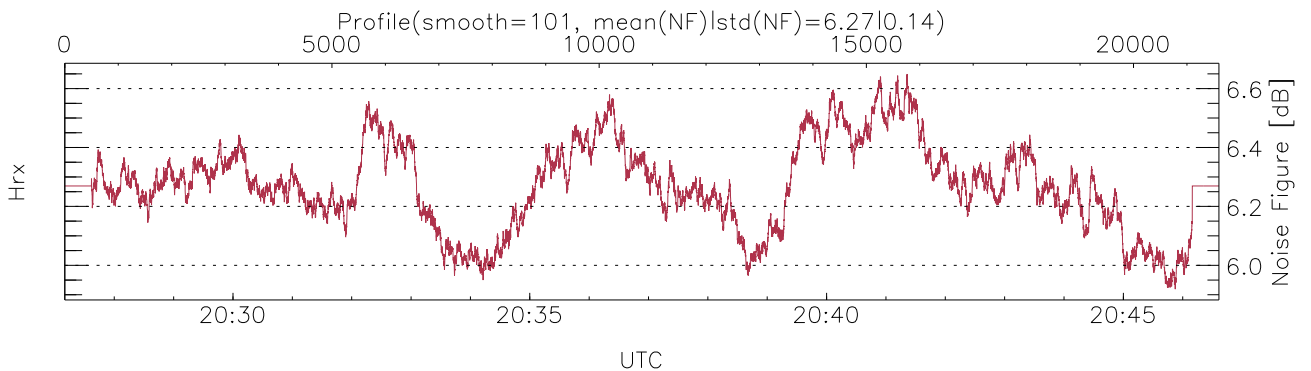
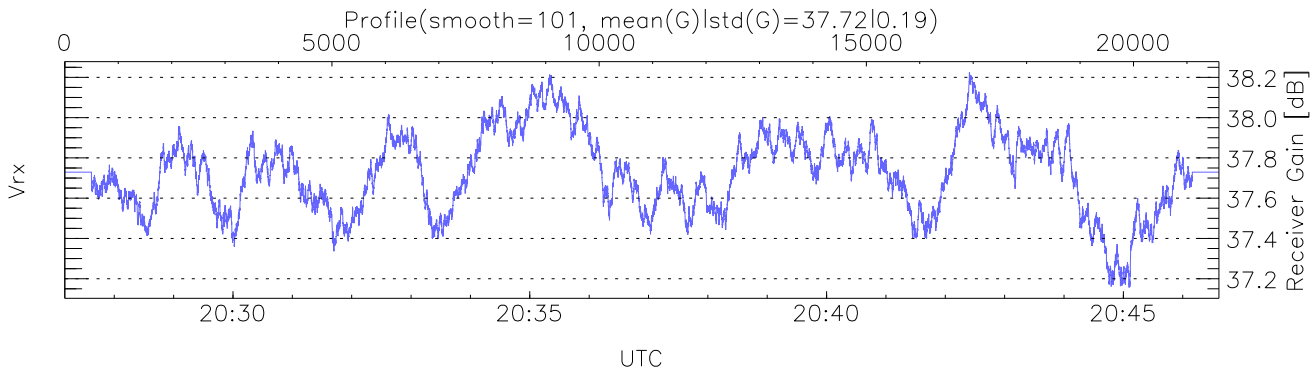
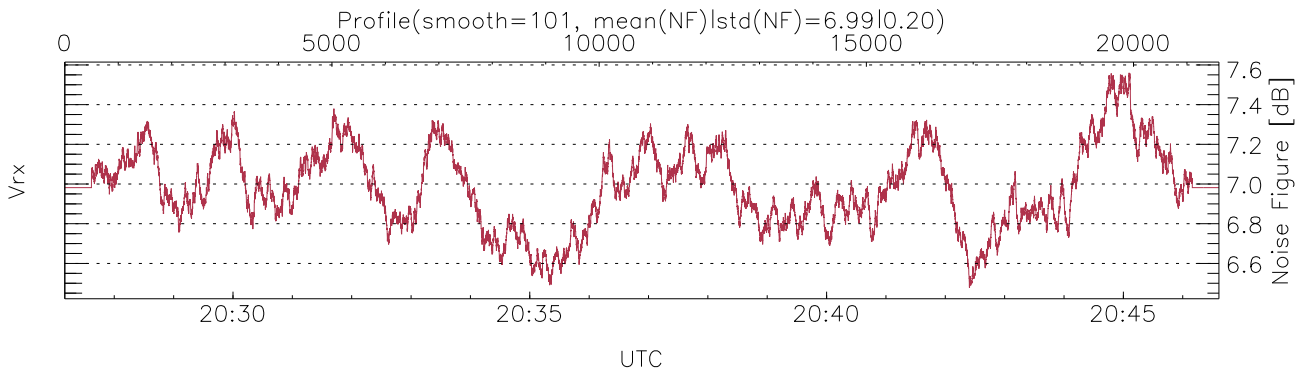
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:27:10-21:06:36, Dur: 2366.12s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 21600/43807, 0-21599/20:27:10-20:46:37
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, 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): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



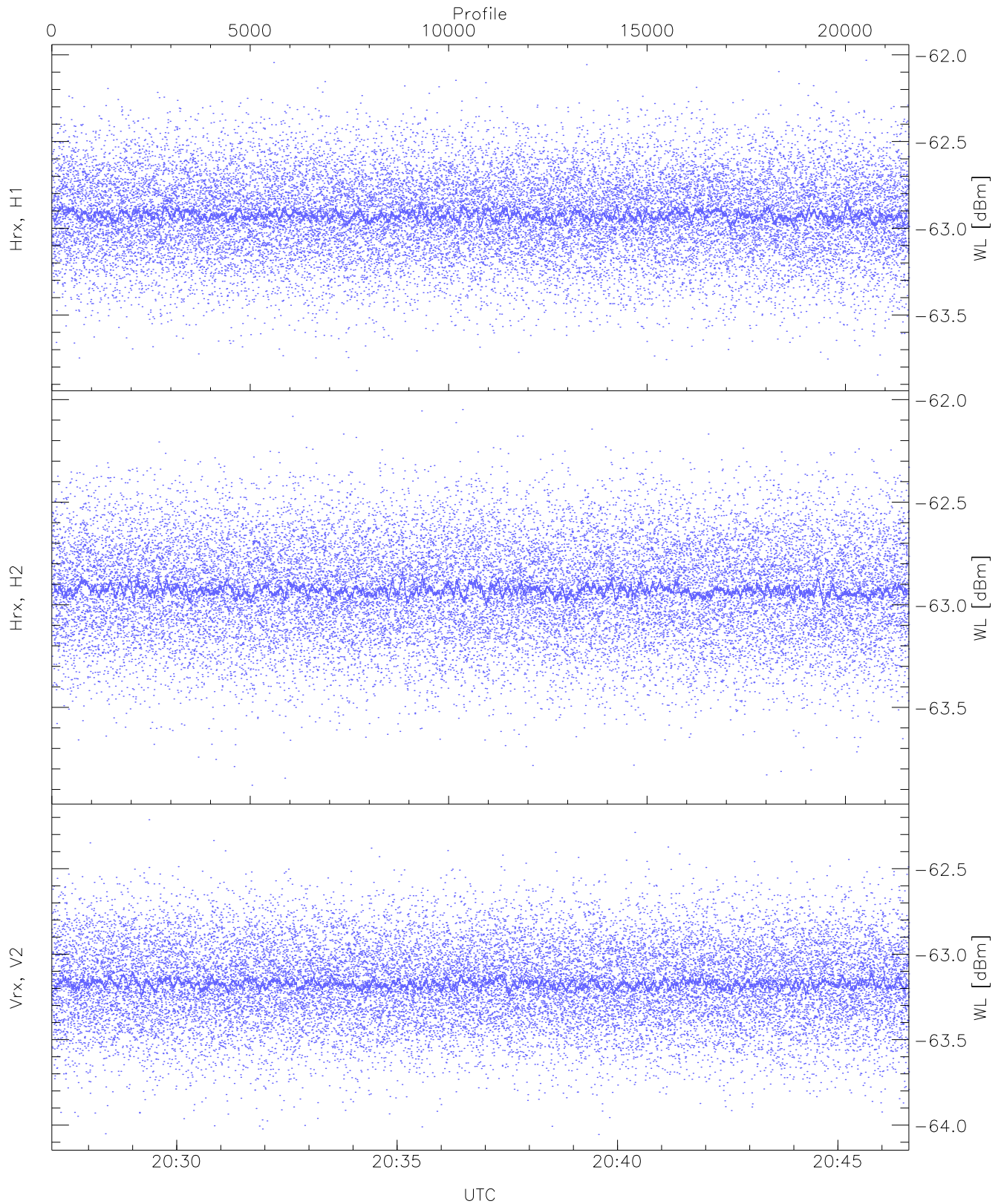
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,20,28,27,31
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,30,29,33
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,19,24,25,5)



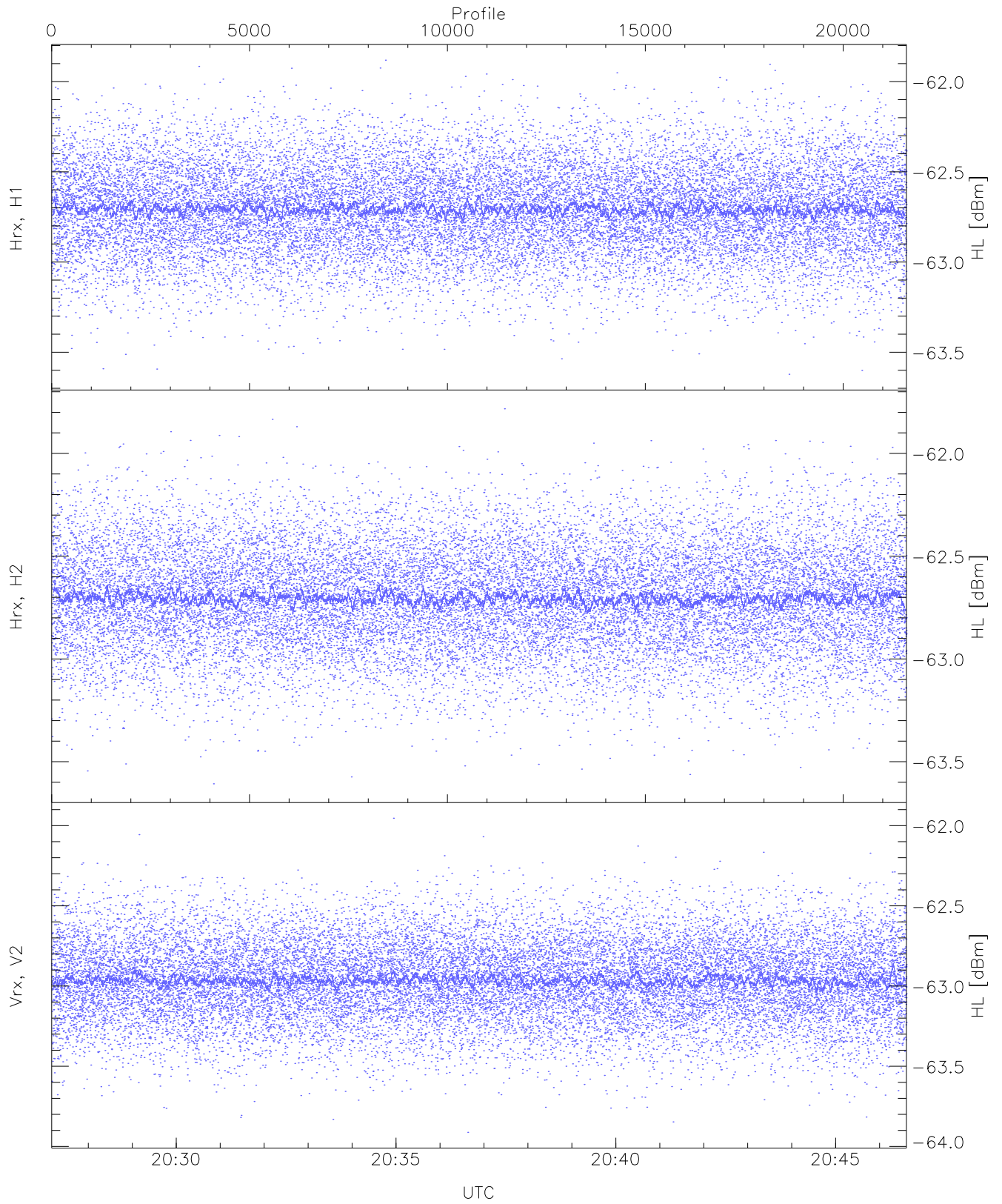
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1408 pixs, 53 gates, 1388 profs, 2 prods



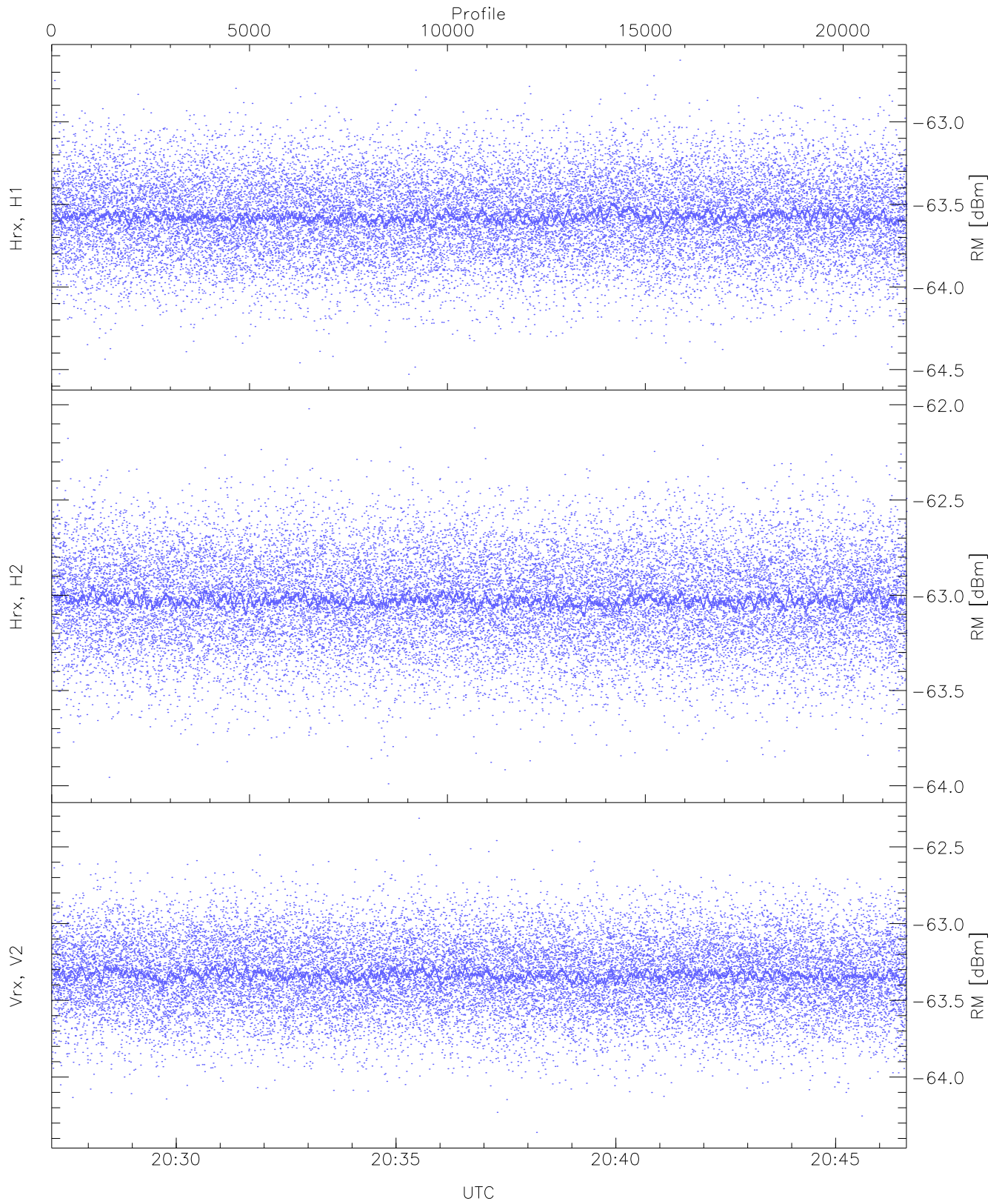
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.85	-62.03	-62.92	-62.92	-75.60
Hrx, H2 (WL [dBm])	-63.88	-62.05	-62.93	-62.93	-75.64
Vrx, V2 (WL [dBm])	-64.05	-62.21	-63.17	-63.18	-75.87



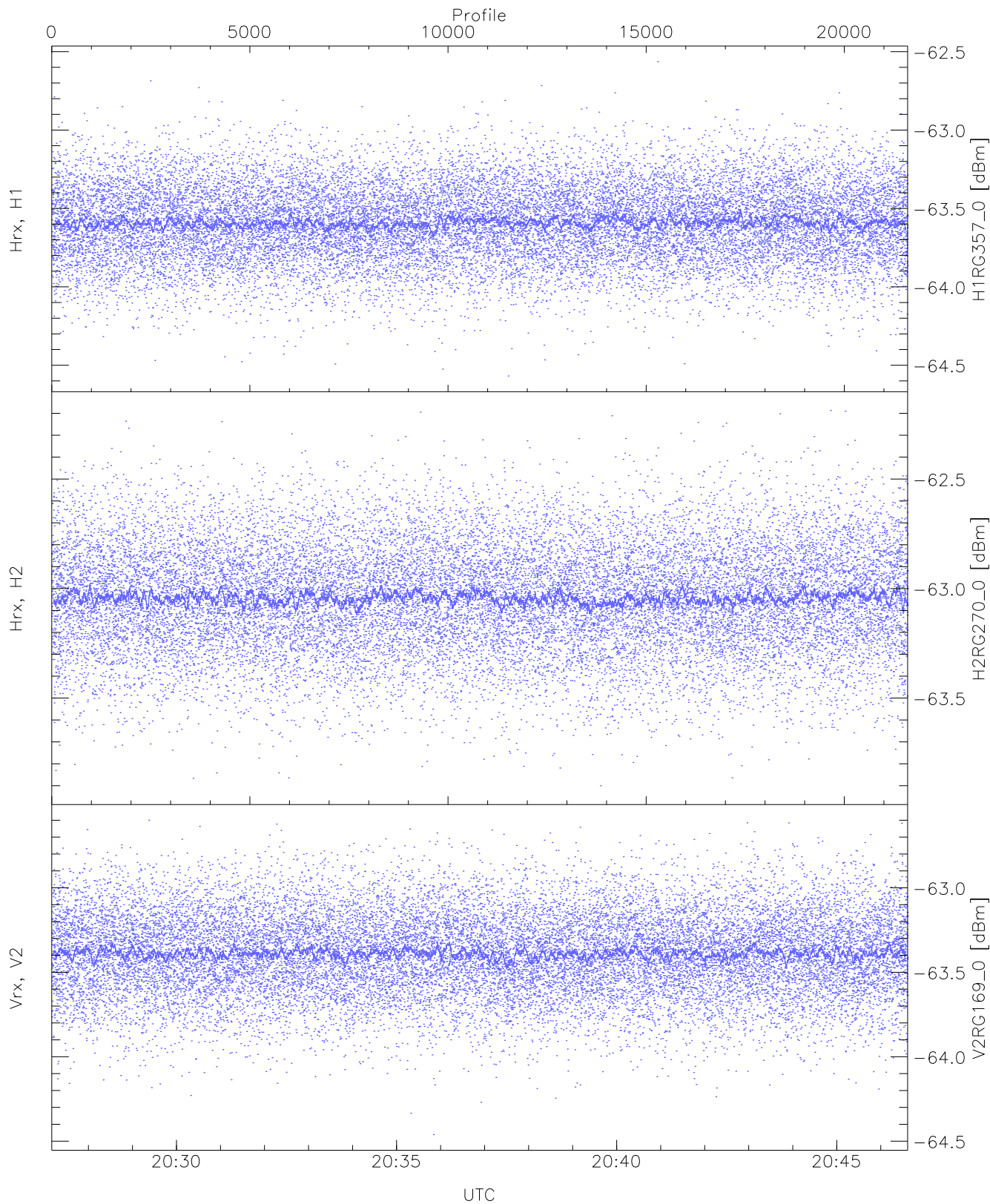
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.62	-61.88	-62.70	-62.71	-75.45
Hrx, H2 (HL [dBm])	-63.61	-61.78	-62.70	-62.71	-75.41
Vrx, V2 (HL [dBm])	-63.91	-61.95	-62.96	-62.97	-75.68



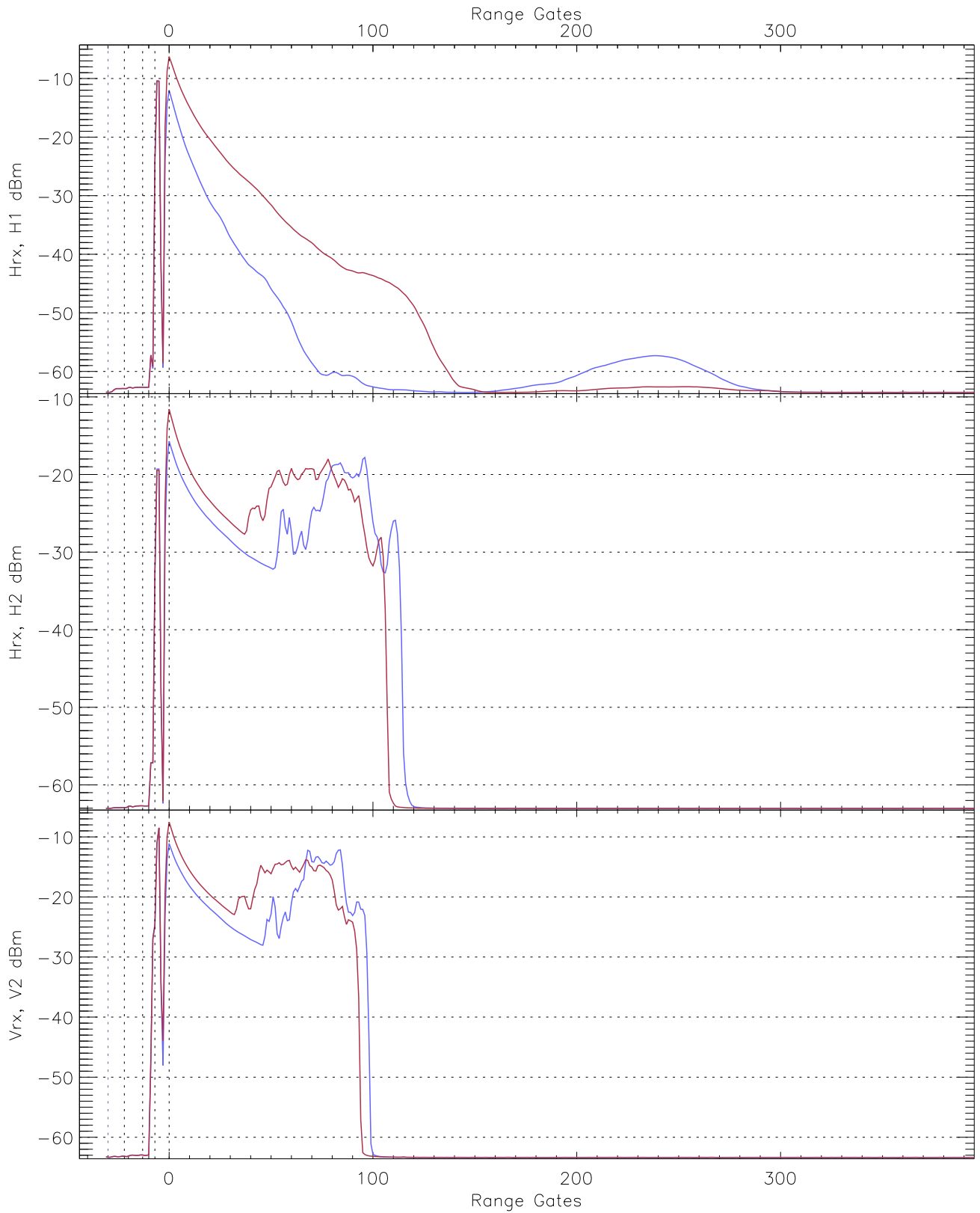
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.53	-62.63	-63.57	-63.57	-76.26
Hrx, H2 (RM [dBm])	-63.99	-62.02	-63.02	-63.03	-75.73
Vrx, V2 (RM [dBm])	-64.36	-62.31	-63.33	-63.34	-76.07

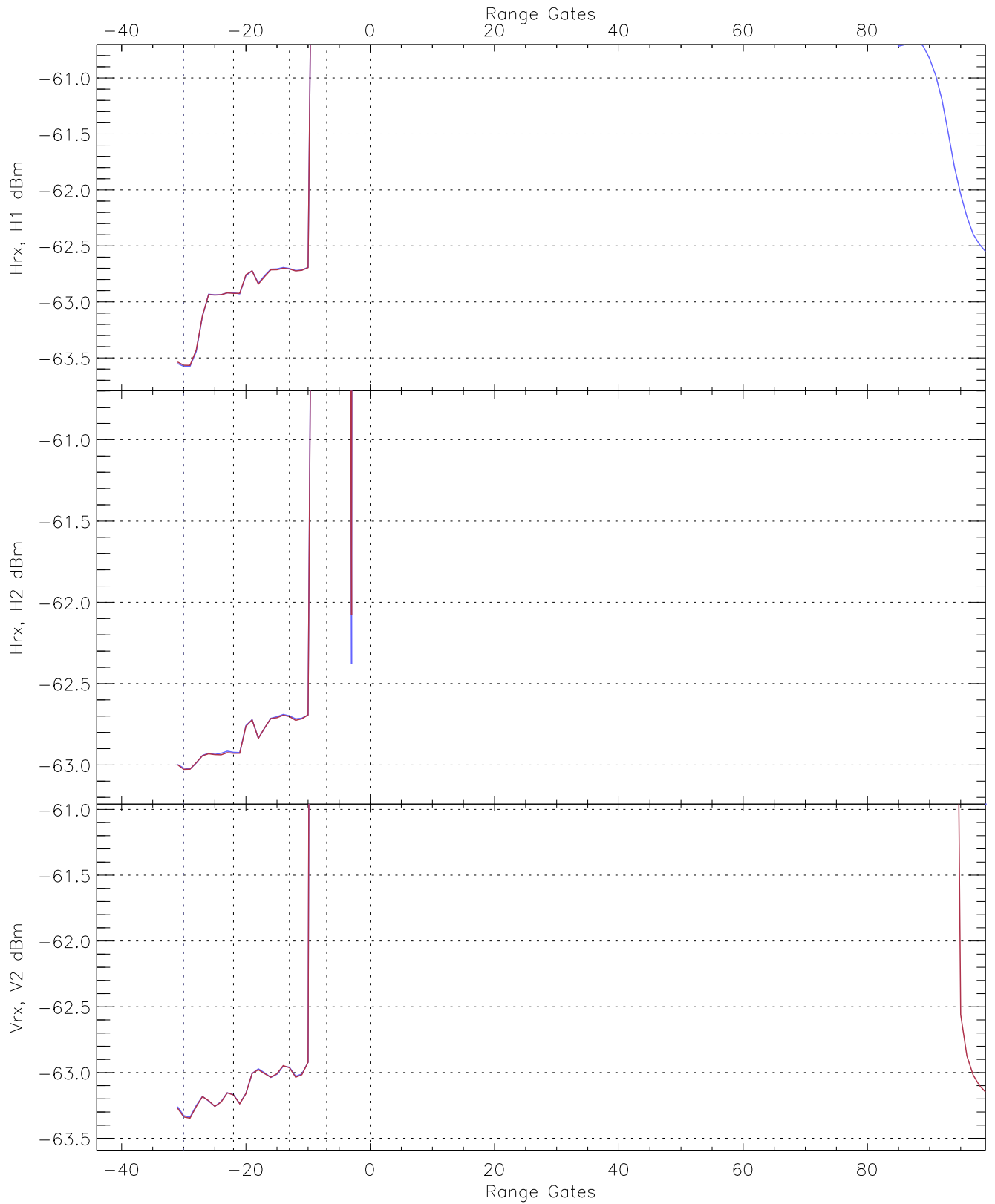


WCR2 CPP "Best" estimate Receivers Noise Power

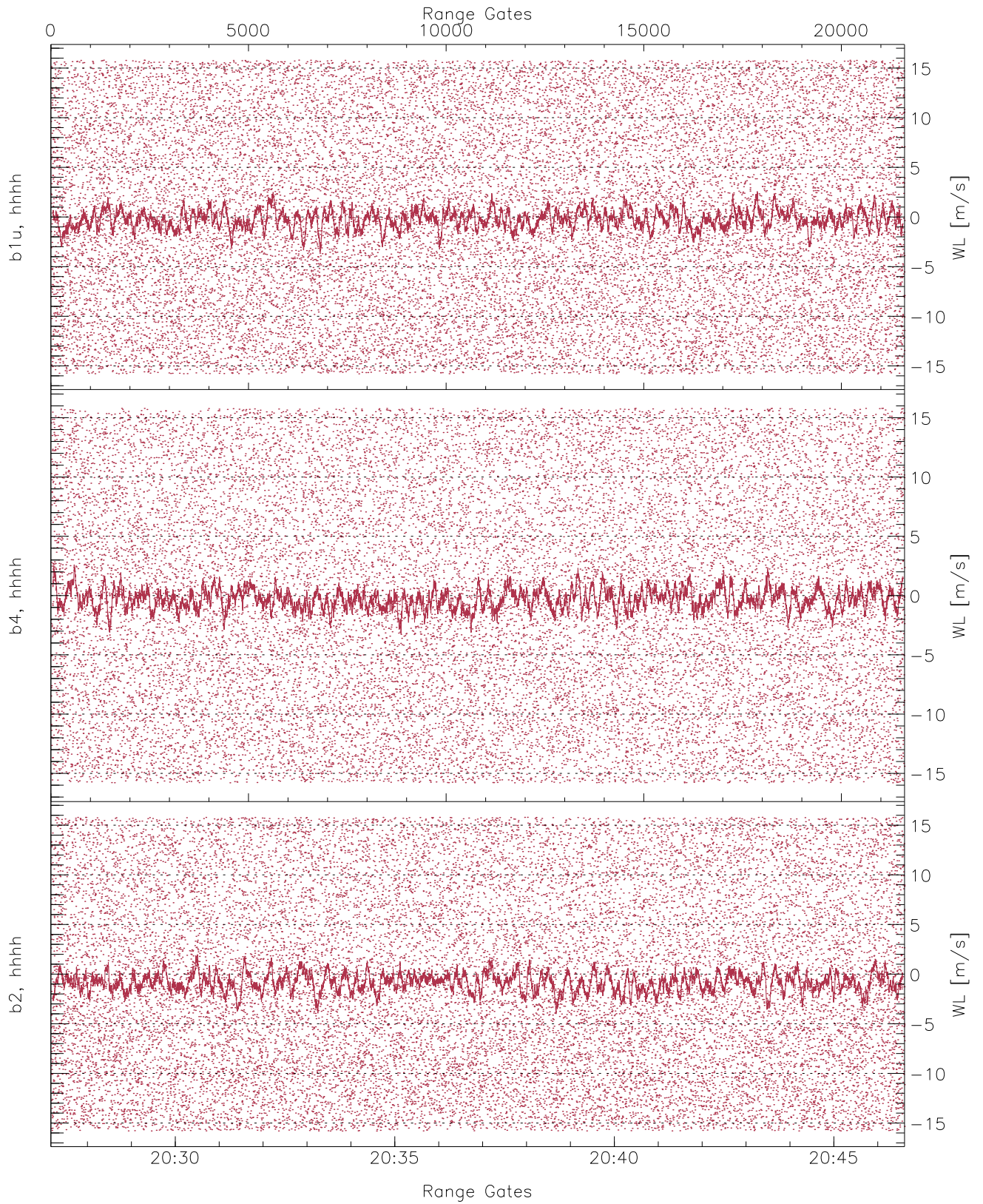
	Min	Max	Mean	Median	StDev
H1RG357_0 [dBm]	-64.57	-62.56	-63.59	-63.59	-76.29
H2RG270_0 [dBm]	-63.90	-62.19	-63.04	-63.04	-75.77
V2RG169_0 [dBm]	-64.46	-62.60	-63.39	-63.39	-76.07



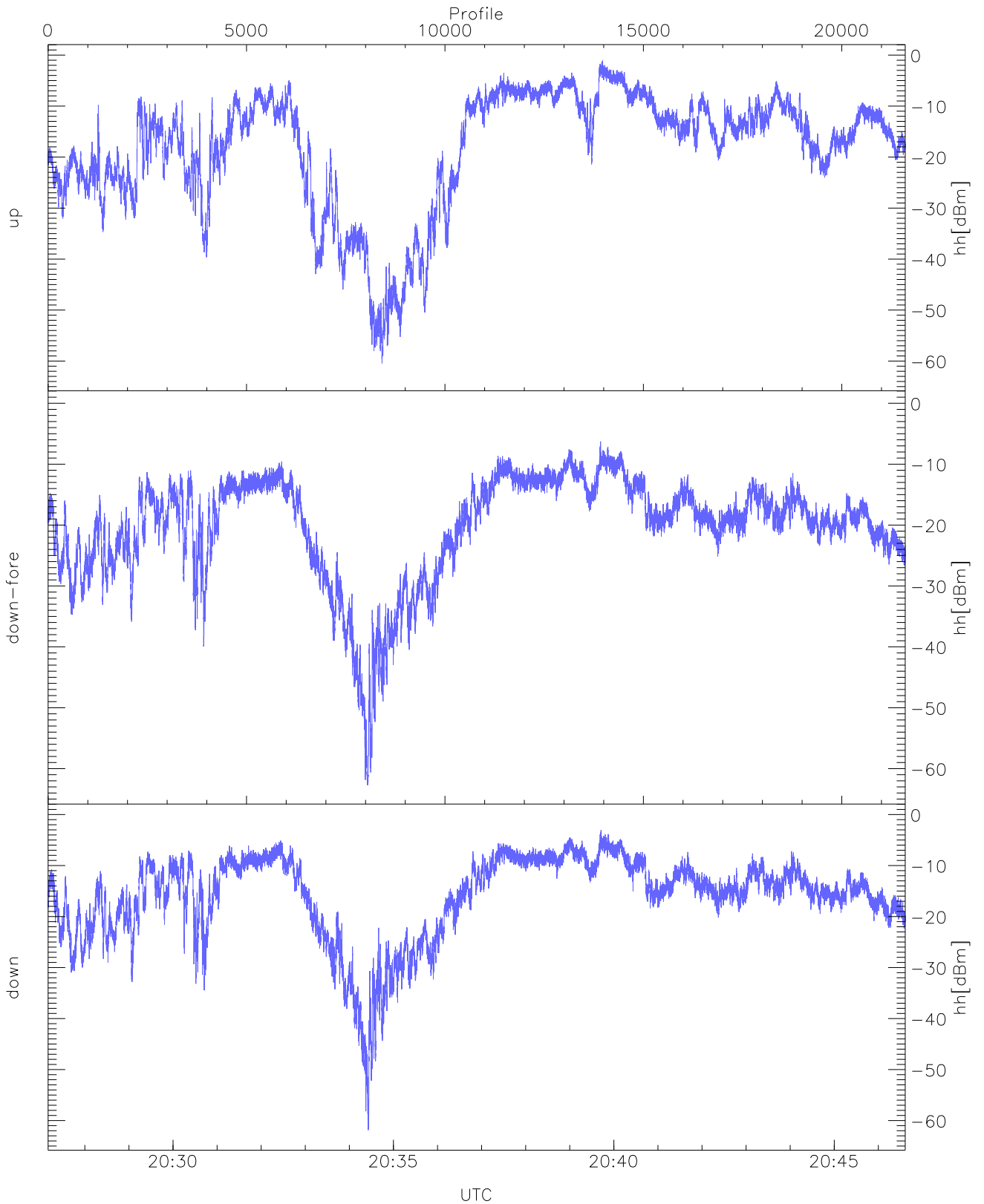
WCR2 CPP Averaged Received power for all recorded gates
blue: 202710-203653, 10801 profiles averaged
red: 203653-204637, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 202710-203653, 10801 profiles averaged
red: 203653-204637, 10800 profiles averaged

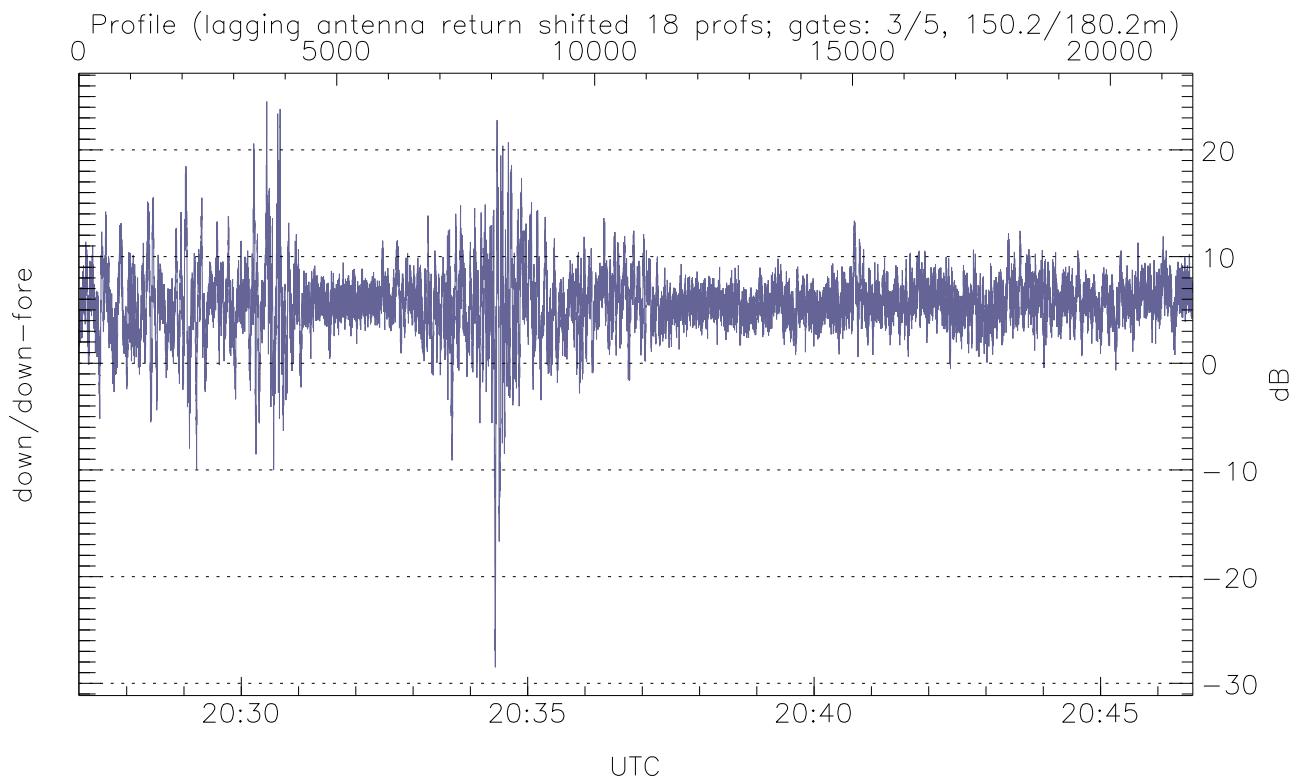
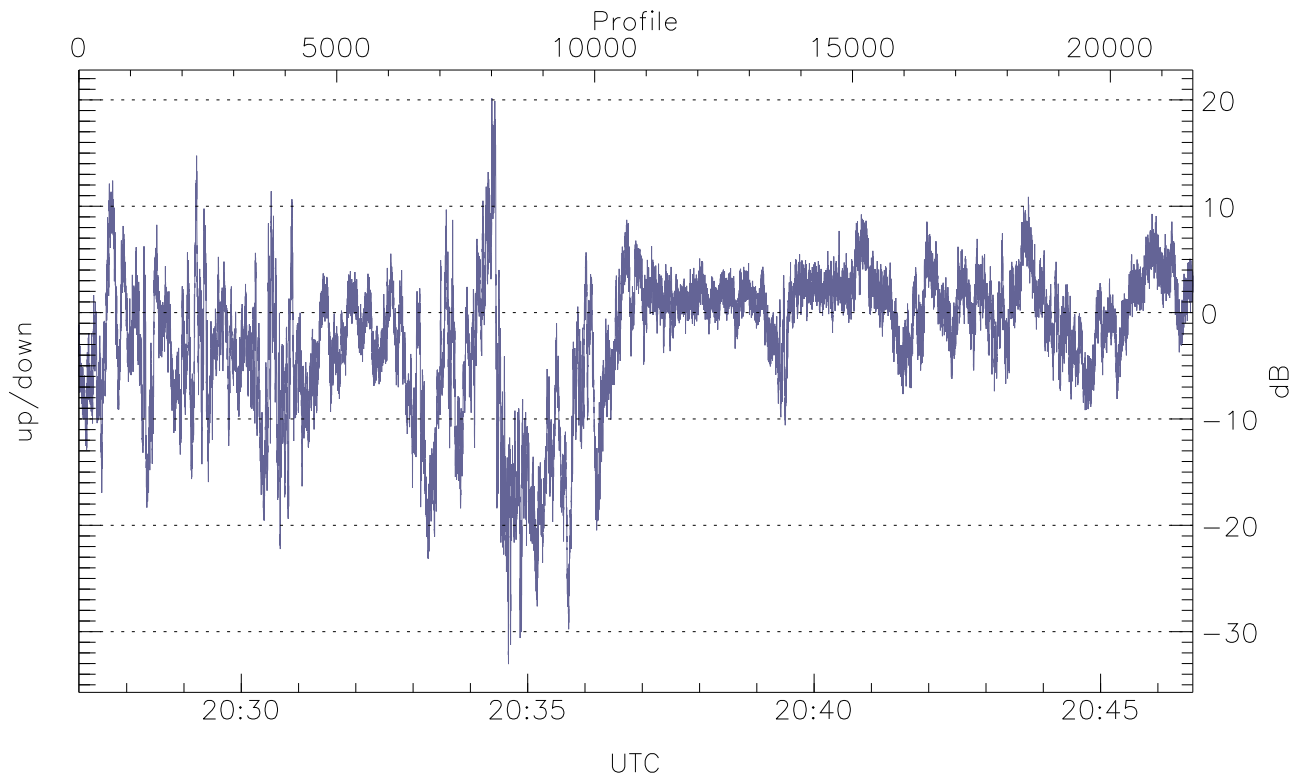


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



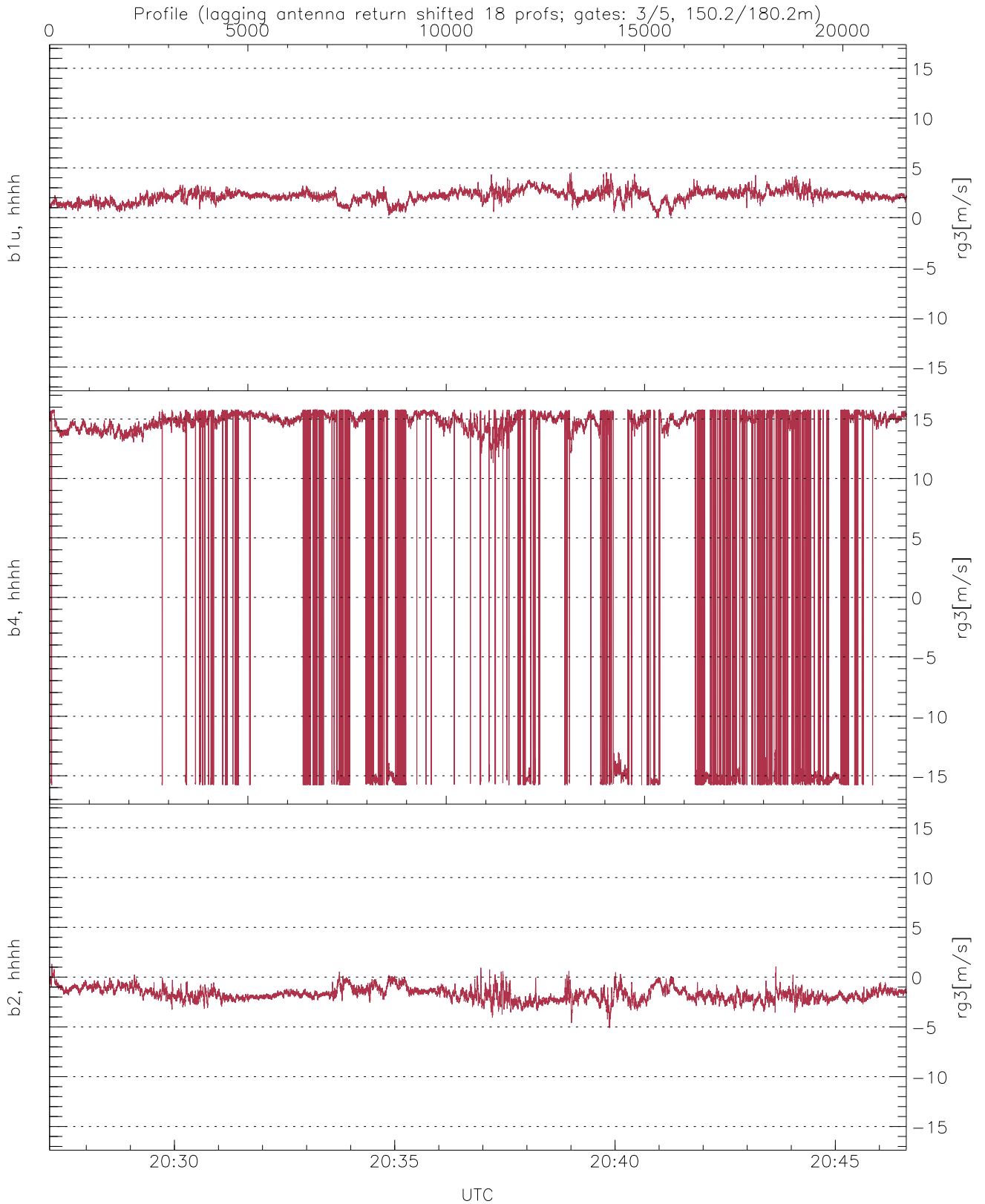
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-60.42	-1.03	-11.42
down-fore(hh[dBm])	-62.73	-6.28	-15.97
down(hh[dBm])	-61.89	-3.03	-12.00



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-33.05	20.15	-2.21
down/down-fore (dB)	-28.49	24.54	5.59



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-0.07	4.56	2.16	0.60
b4, hhhh(rg3[m/s])	-15.80	15.80	8.86	12.11
b2, hhhh(rg3[m/s])	-5.07	1.31	-1.69	0.67