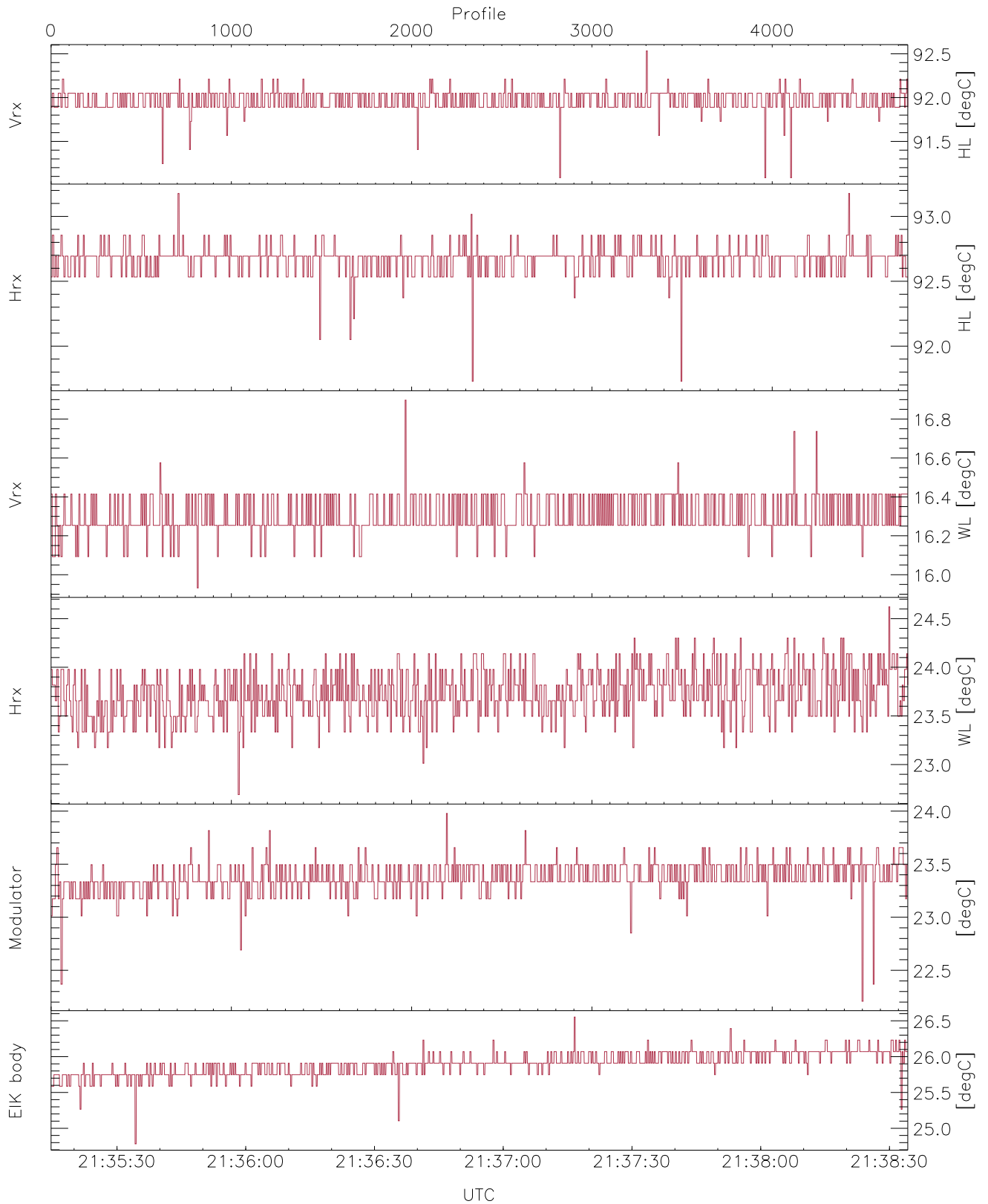


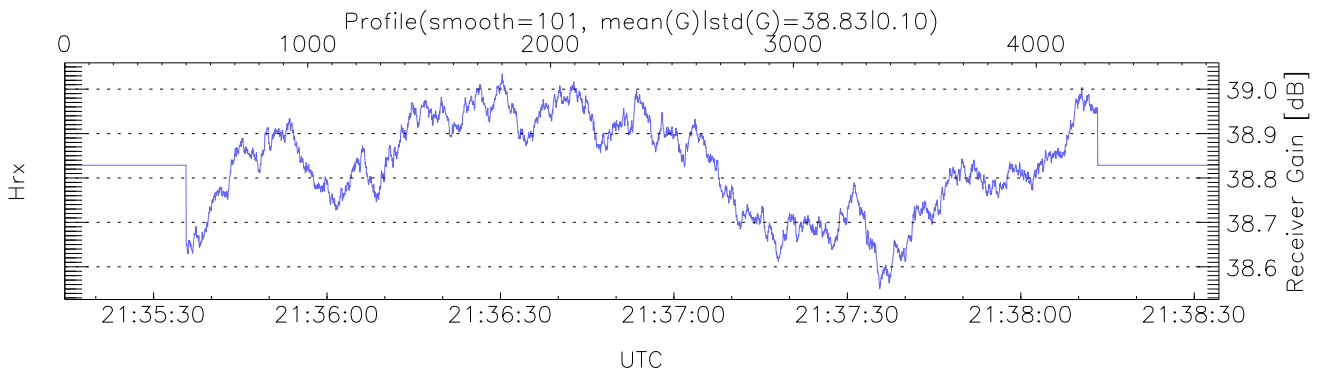
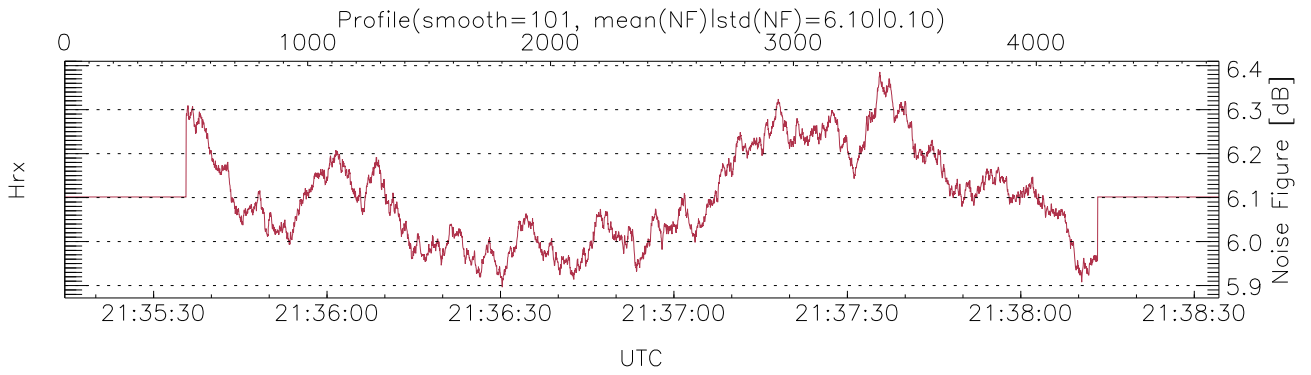
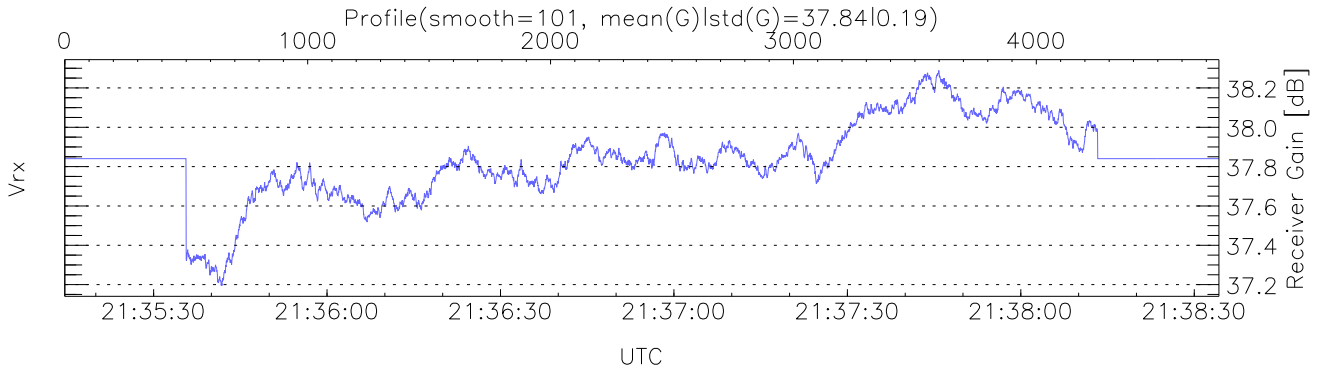
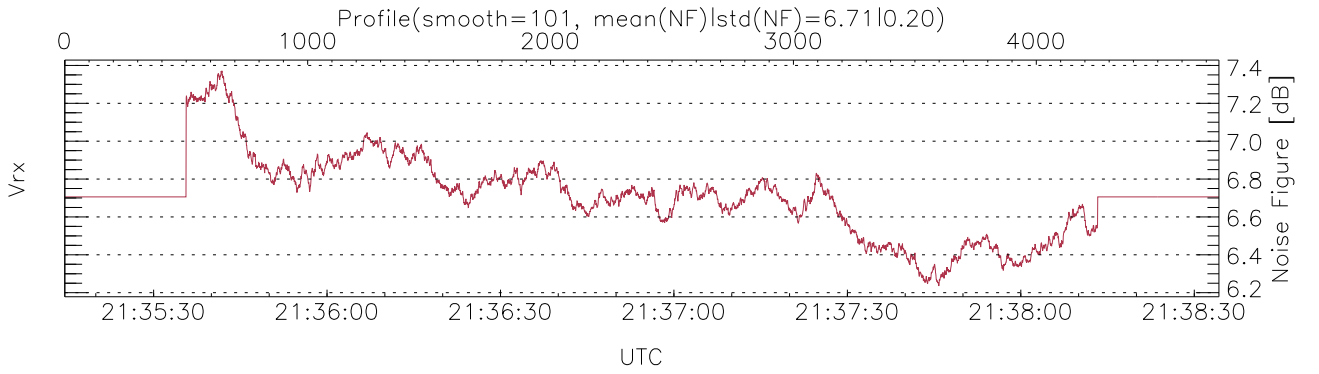
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:35:15-21:38:34, Dur: 199.63s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
 NumRec(r/t): 4753/4753, 0-4752/21:35:15-21:38:34
 AcqTime: 42.0ms, Rate: 461KB/s, Averages: 140
 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,rgs): 97,3634,7.5 m, Gates: 472, Aspect: 2.0
 Mirror(-910112,3,9x = no mirror/sideluplerror): 3



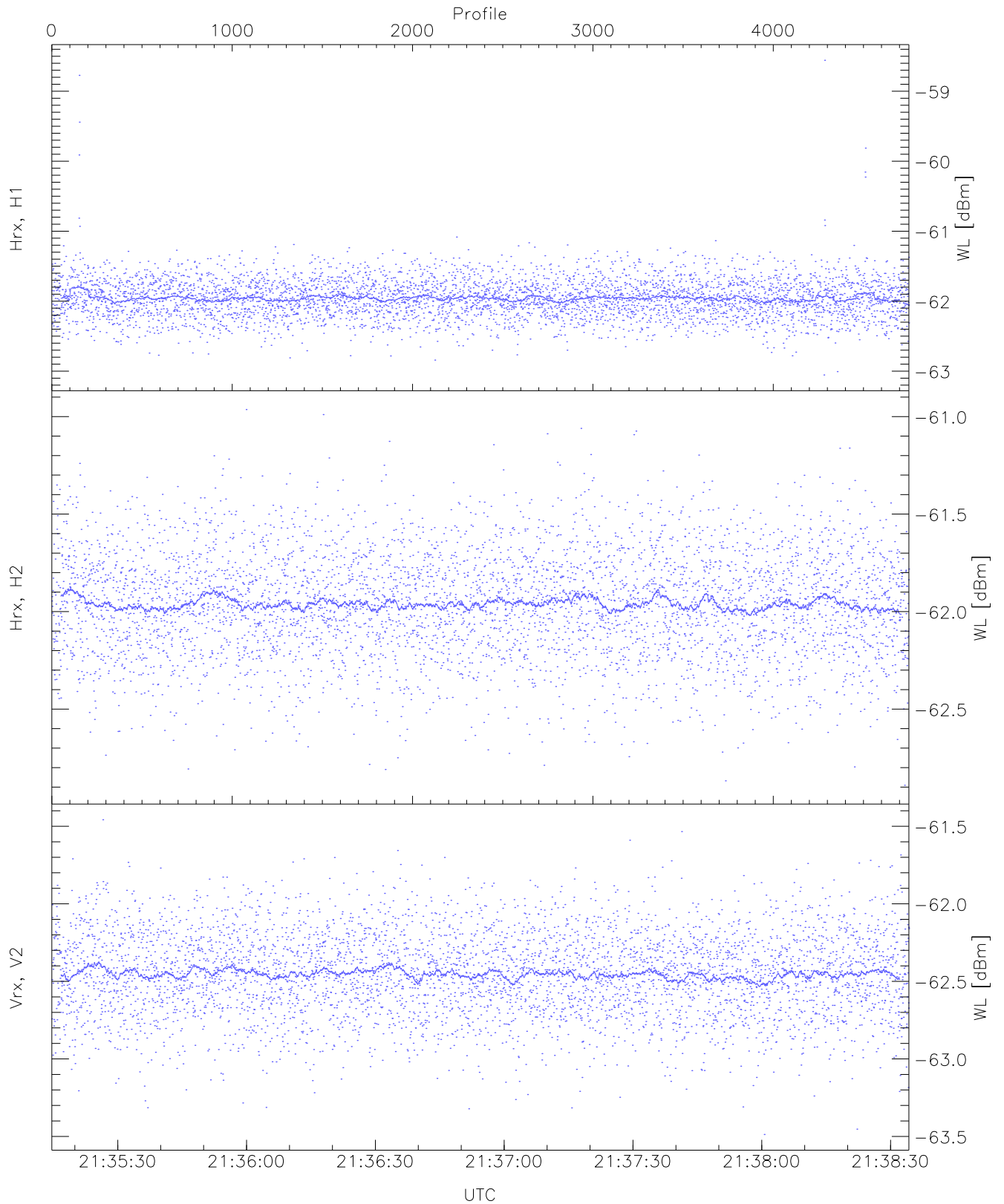
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,15,22,22,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,23,26
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



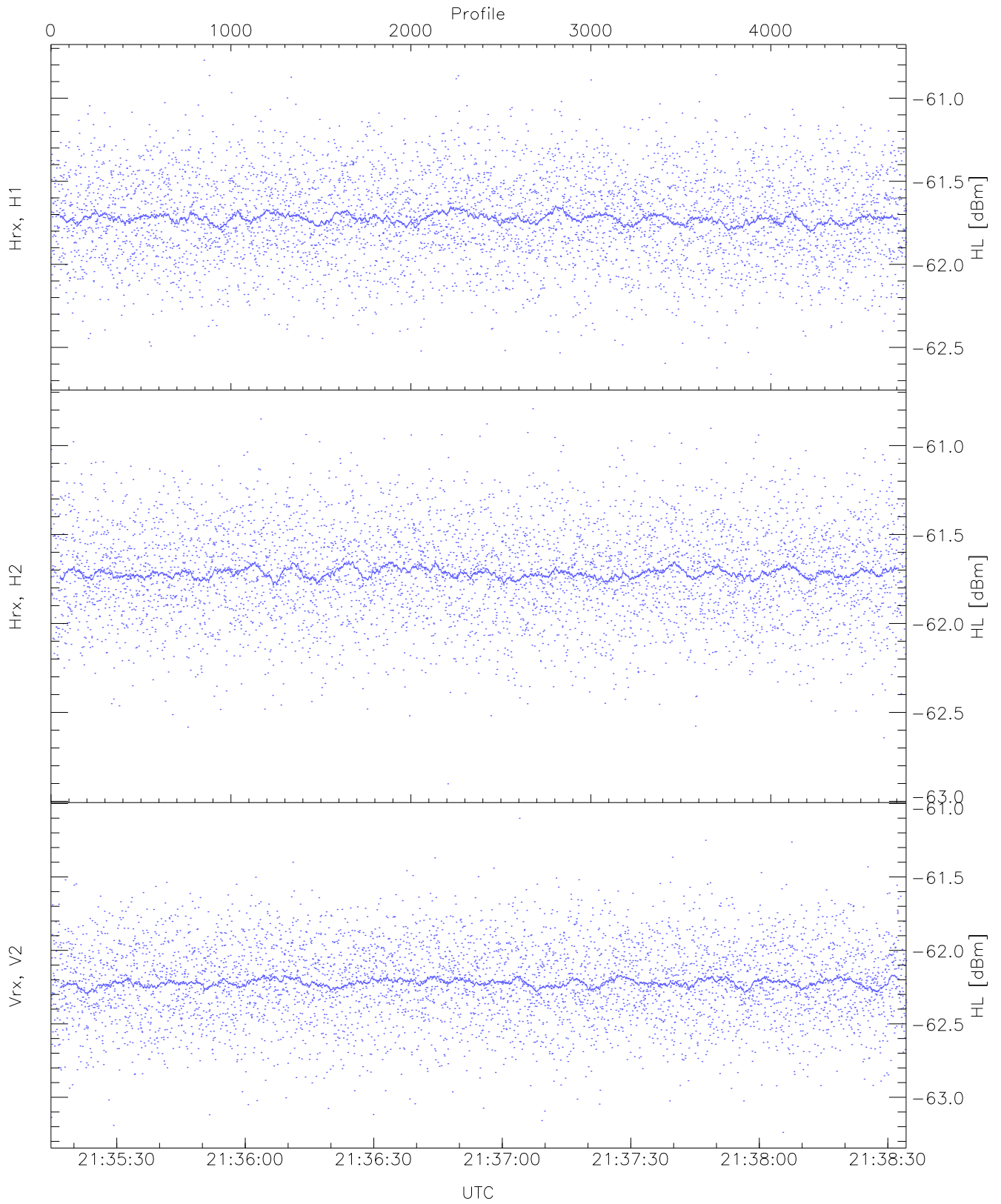
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1 pixs, 1 gates, 1 profs, 1 prods



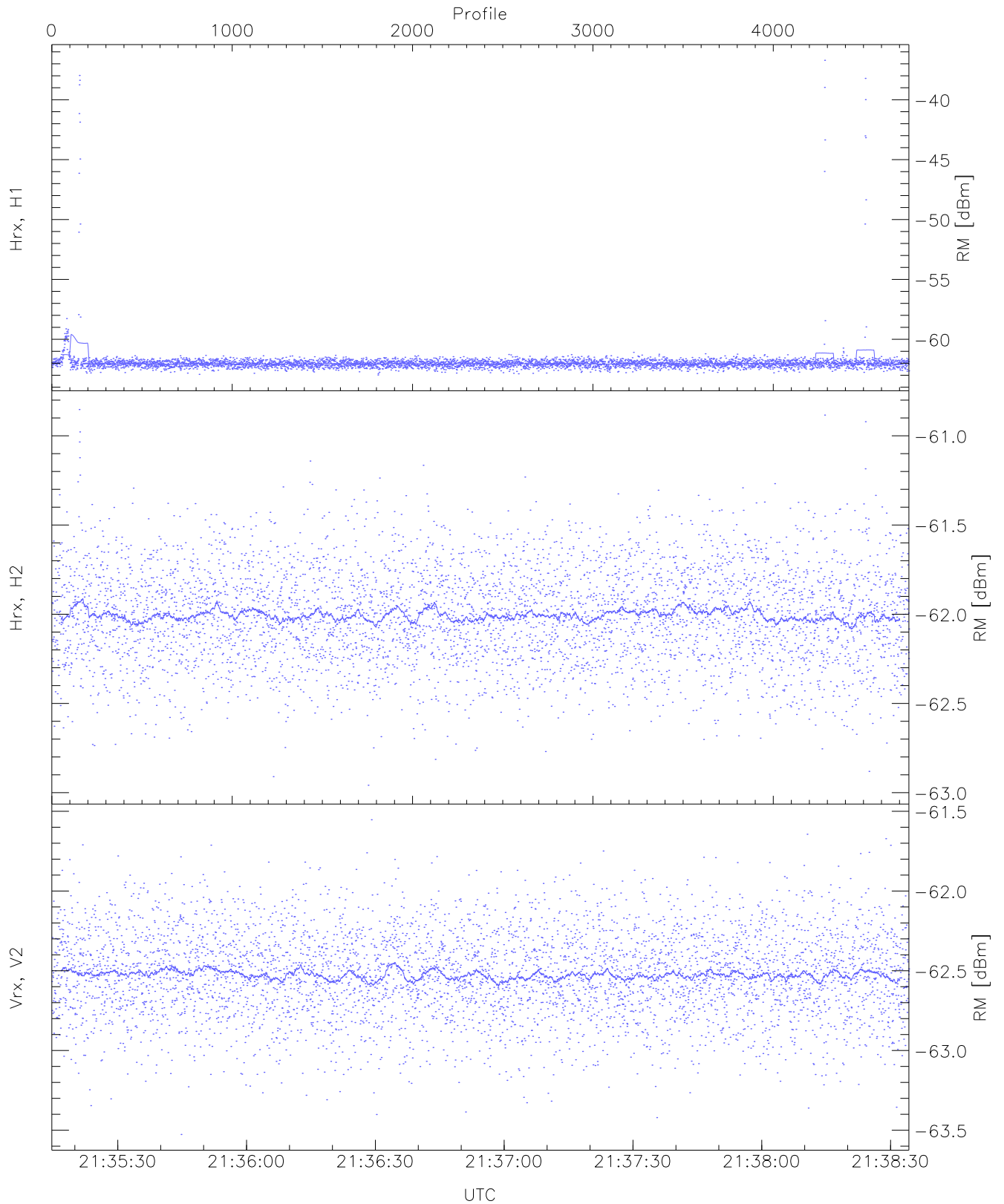
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.05	-58.56	-61.95	-61.96	-73.64
Hrx, H2 (WL [dBm])	-62.89	-60.96	-61.95	-61.96	-74.17
Vrx, V2 (WL [dBm])	-63.49	-61.46	-62.45	-62.45	-74.64



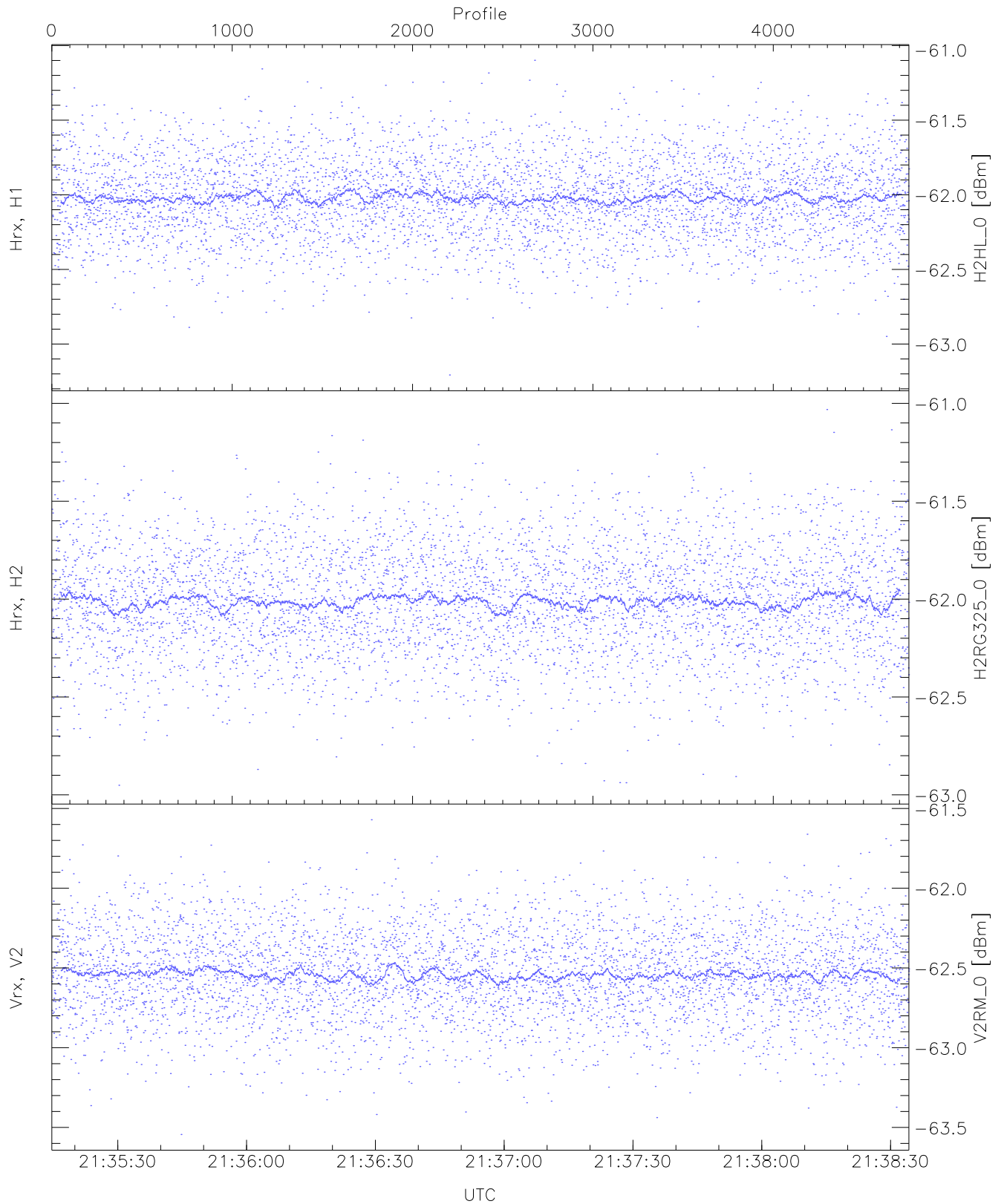
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.66	-60.77	-61.72	-61.73	-73.91
Hrx, H2 (HL [dBm])	-62.90	-60.79	-61.71	-61.71	-73.90
Vrx, V2 (HL [dBm])	-63.24	-61.10	-62.21	-62.22	-74.31



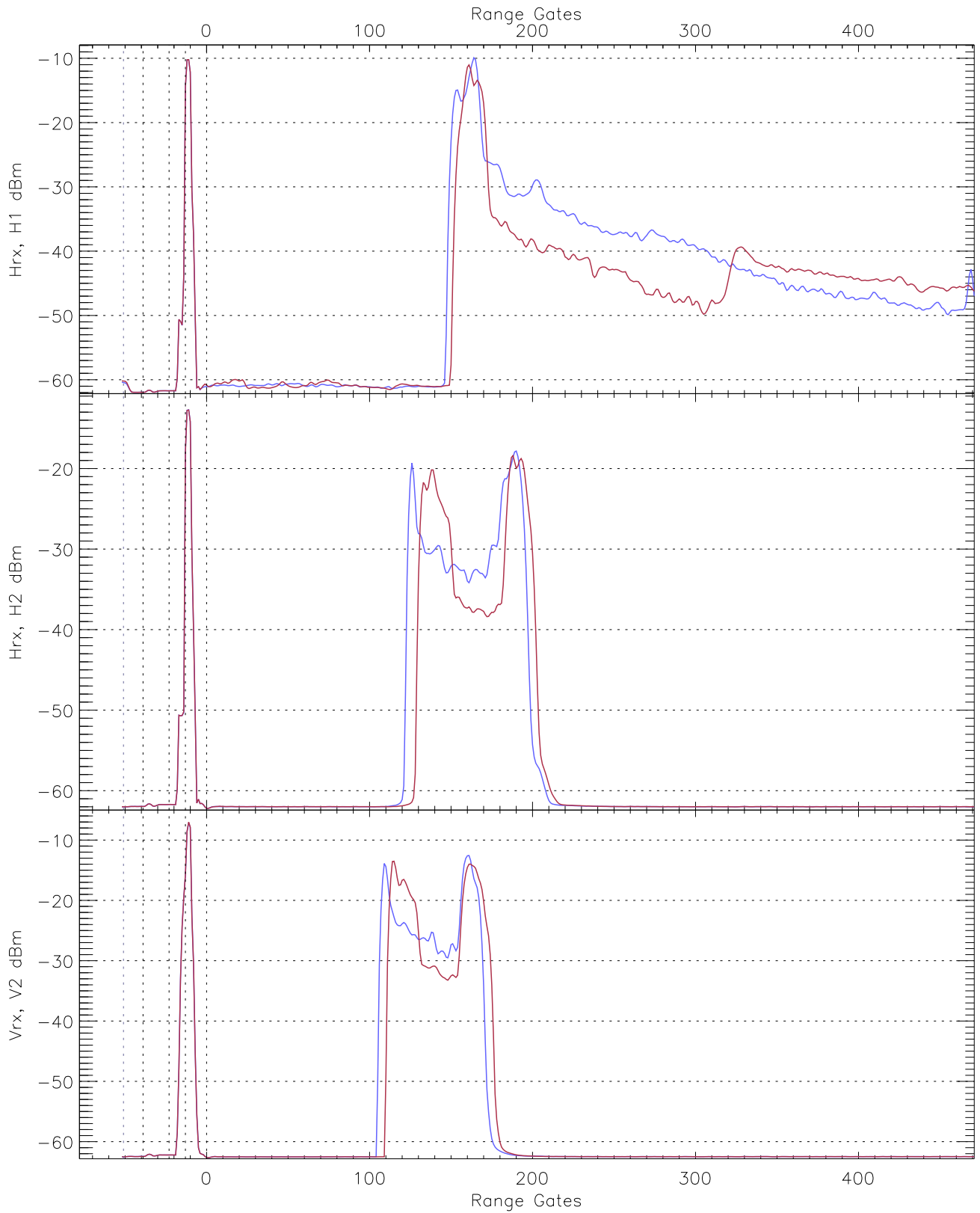
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-62.98	-36.71	-60.32	-62.03	-52.15
Hrx, H2 (RM [dBm])	-62.96	-60.85	-62.00	-62.01	-74.18
Vrx, V2 (RM [dBm])	-63.53	-61.55	-62.52	-62.53	-74.69

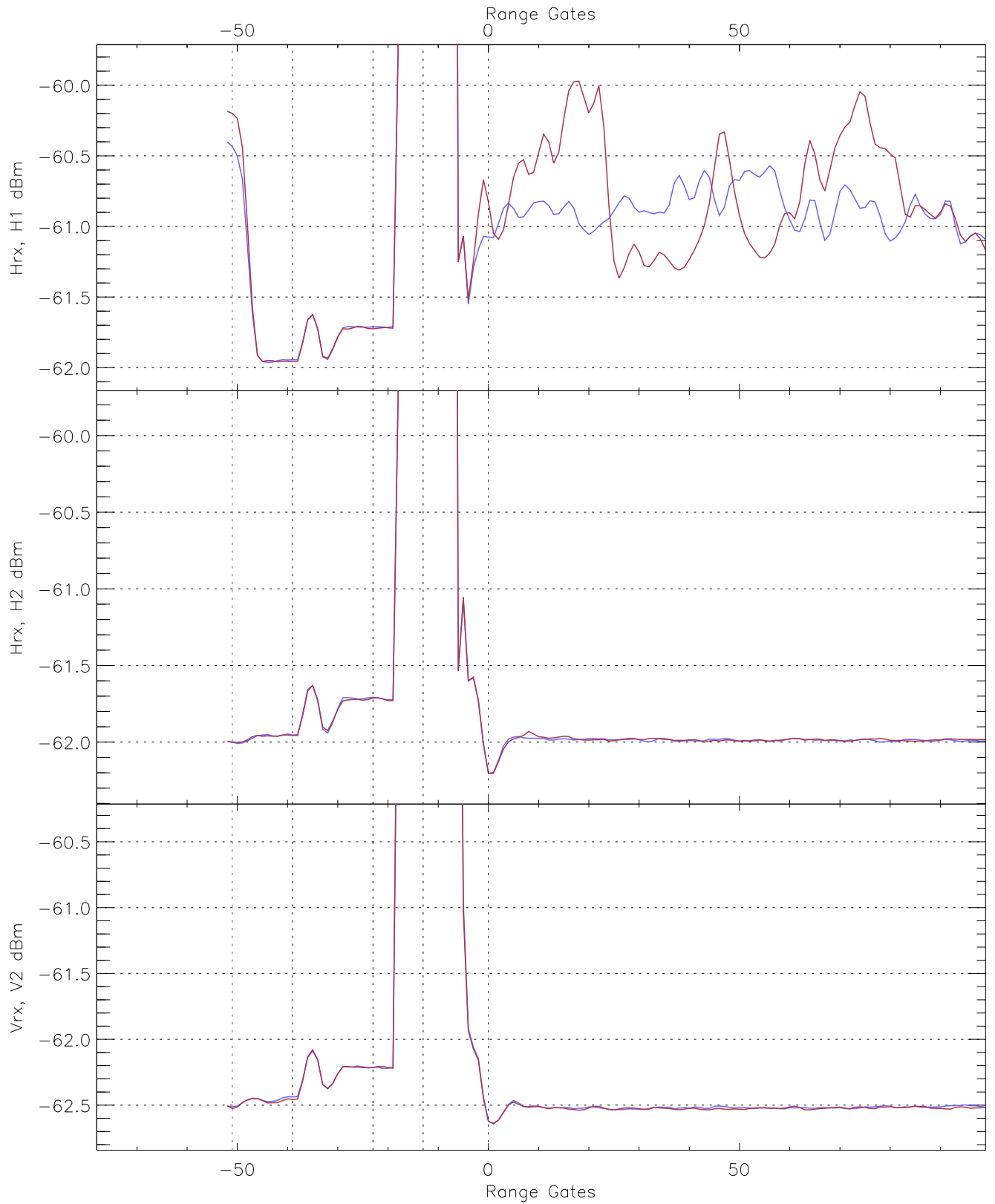


WCR2 CPP "Best" estimate Receivers Noise Power

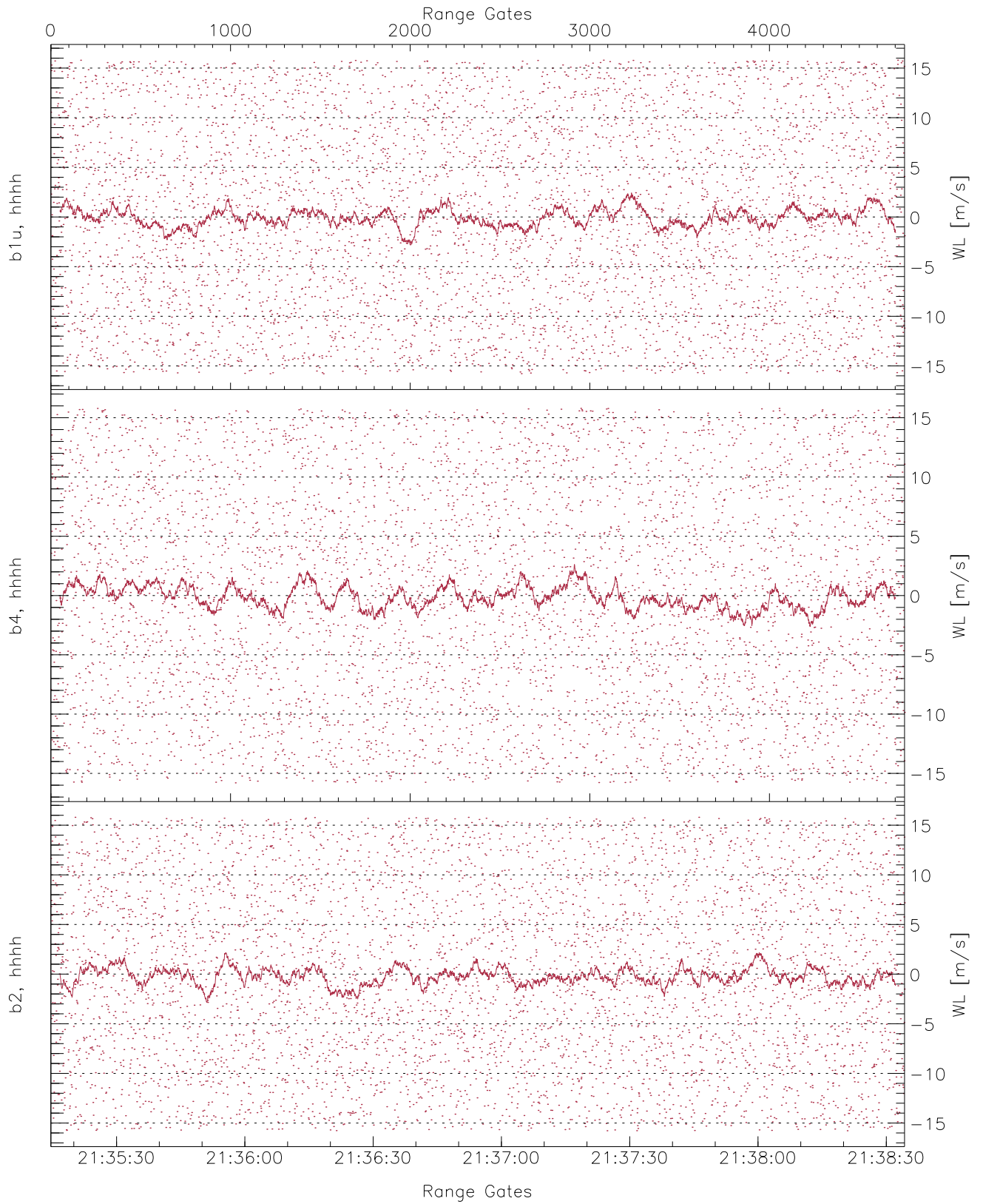
	Min	Max	Mean	Median	StDev
H2HL_0 [dBm]	-63.21	-61.10	-62.02	-62.02	-74.21
H2RG325_0 [dBm]	-62.95	-61.03	-62.01	-62.01	-74.20
V2RM_0 [dBm]	-63.54	-61.57	-62.54	-62.55	-74.70



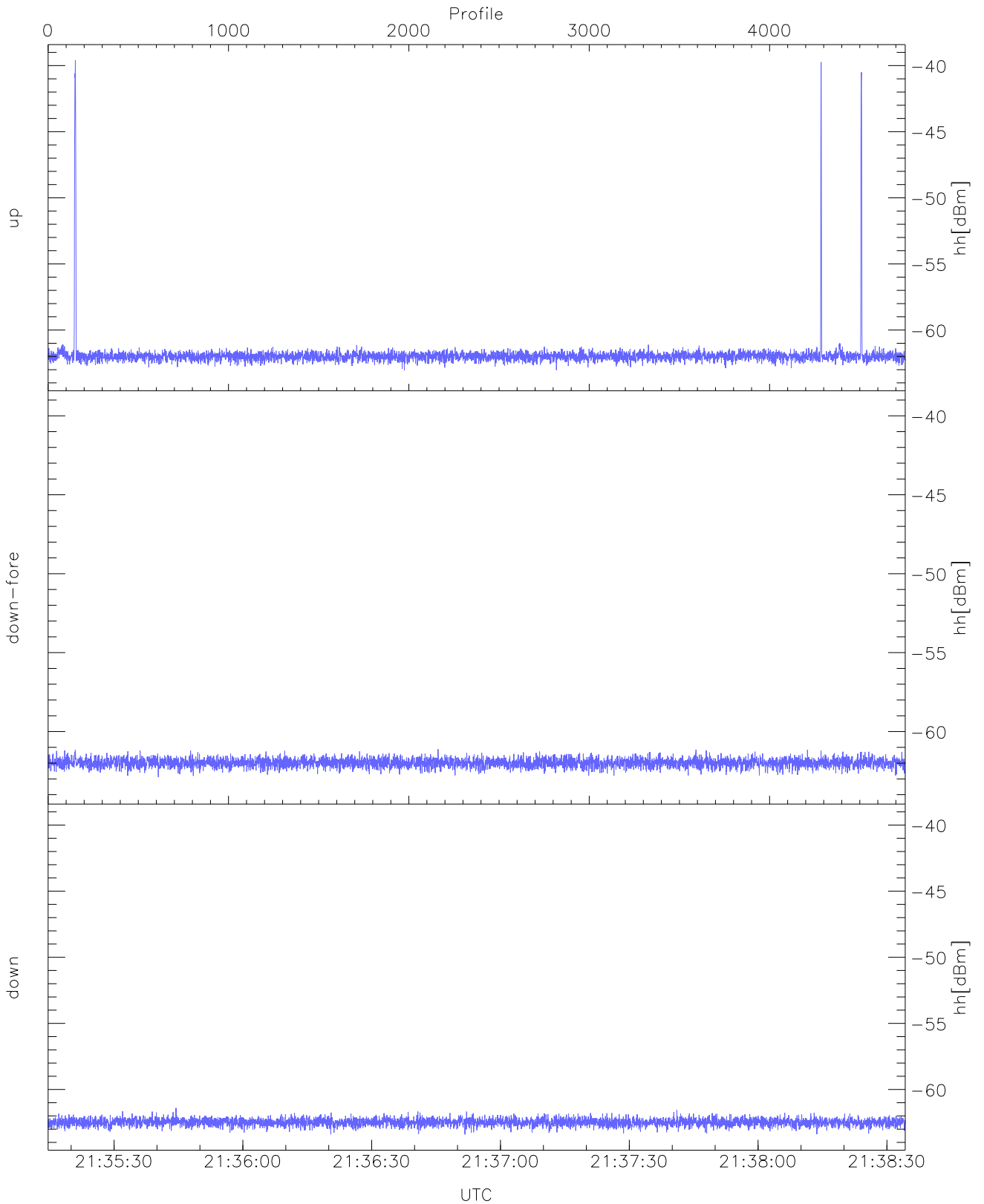
WCR2 CPP Averaged Received power for all recorded gates
blue: 213515-213654, 2377 profiles averaged
red: 213654-213834, 2377 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 213515-213654, 2377 profiles averaged
red: 213654-213834, 2377 profiles averaged

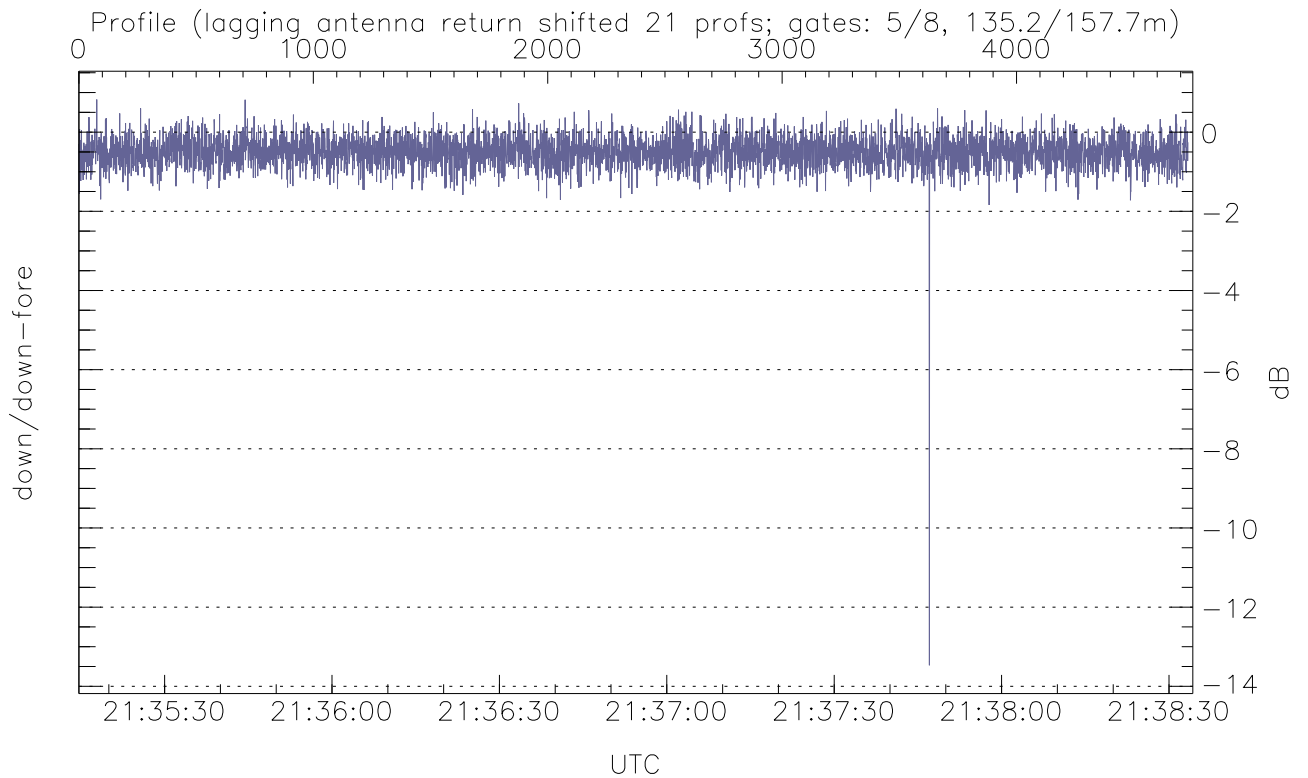
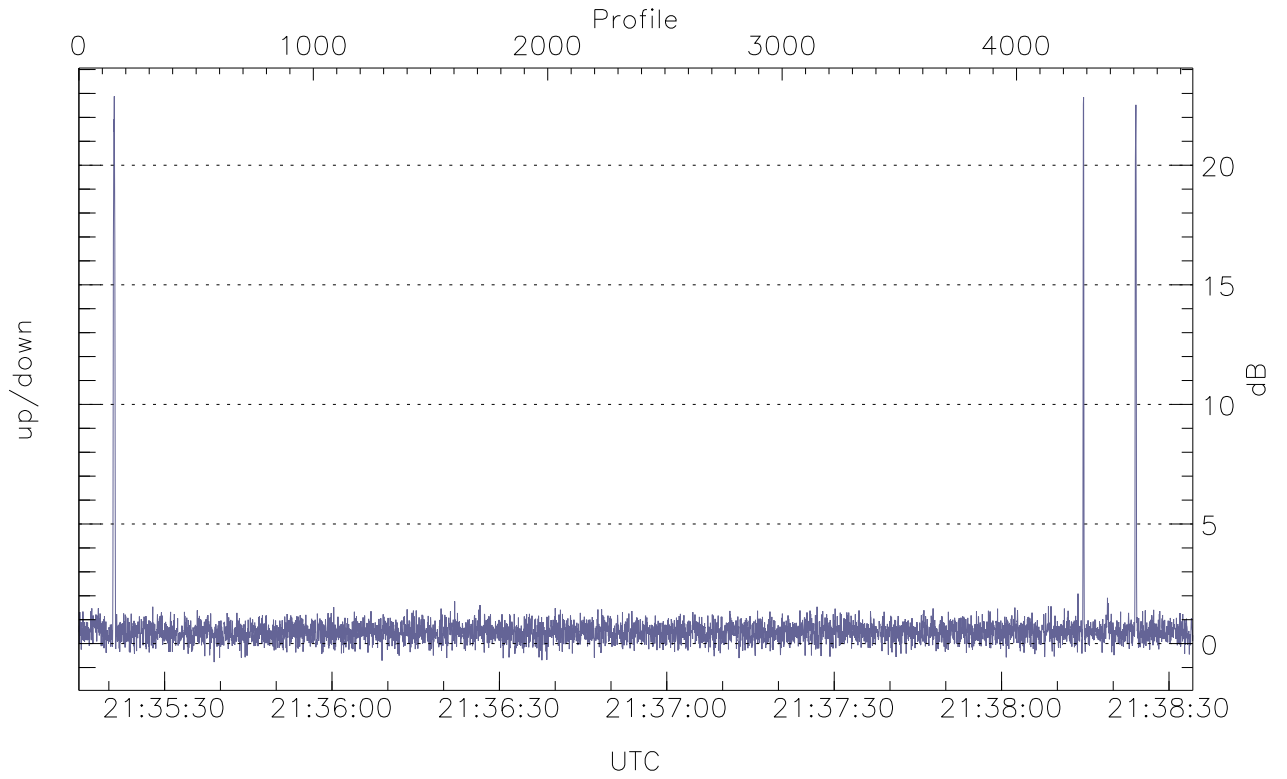


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



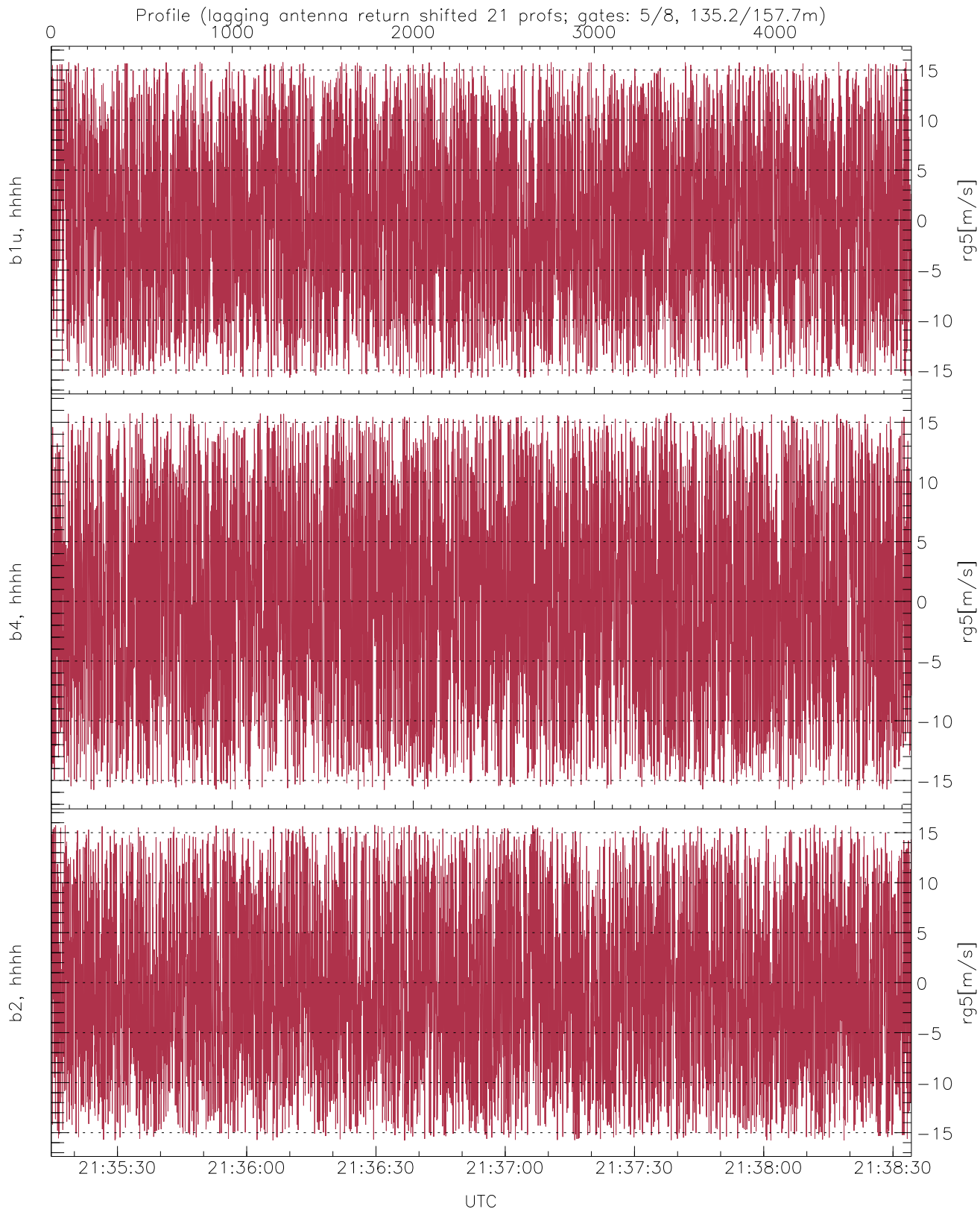
WCR2 CPP Received Power Products for Range gate 5 (135.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.06	-39.60	-60.76
down-fore(hh[dBm])	-62.88	-61.12	-61.97
down(hh[dBm])	-63.40	-61.40	-62.47



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (135 m)

	Min	Max	Mean
up/down (dB)	-0.77	22.88	0.55
down/down-fore (dB)	-13.47	0.82	-0.50



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.80	0.03	8.84
b4, hhhh(rg5[m/s])	-15.80	15.78	-0.10	9.06
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.87	8.78