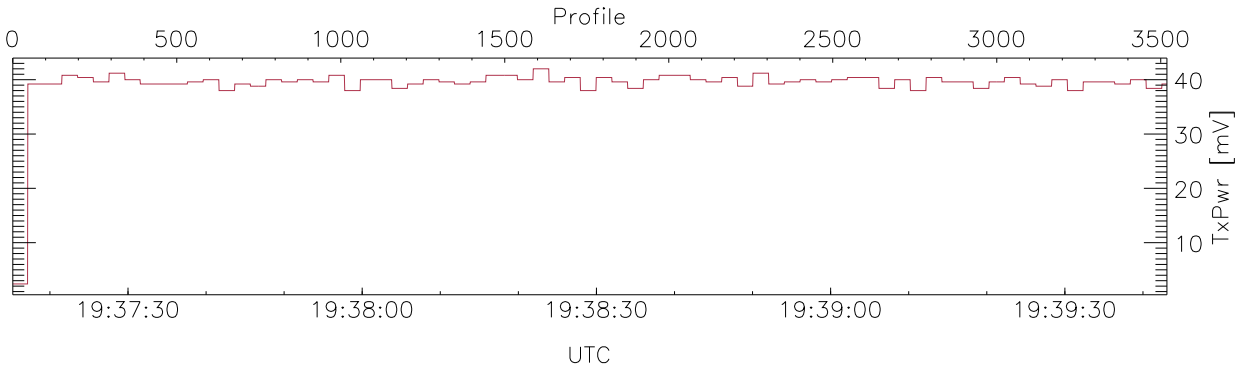
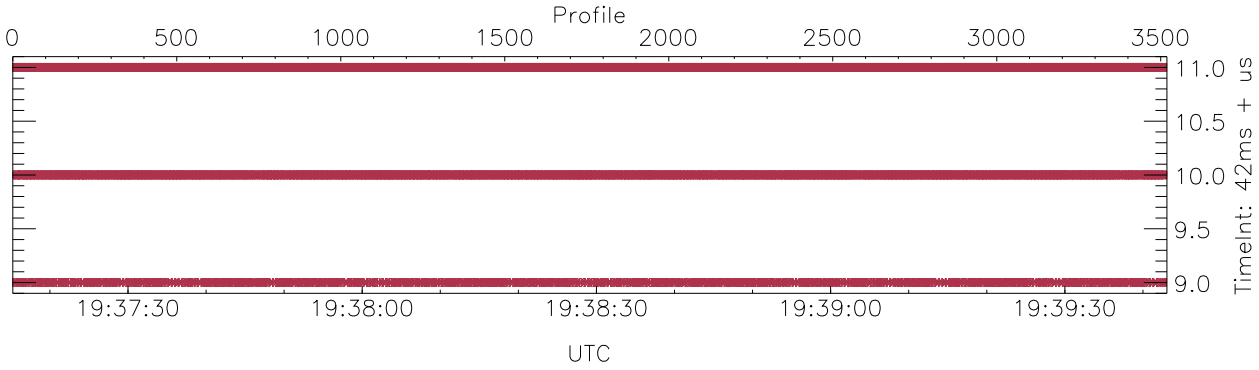
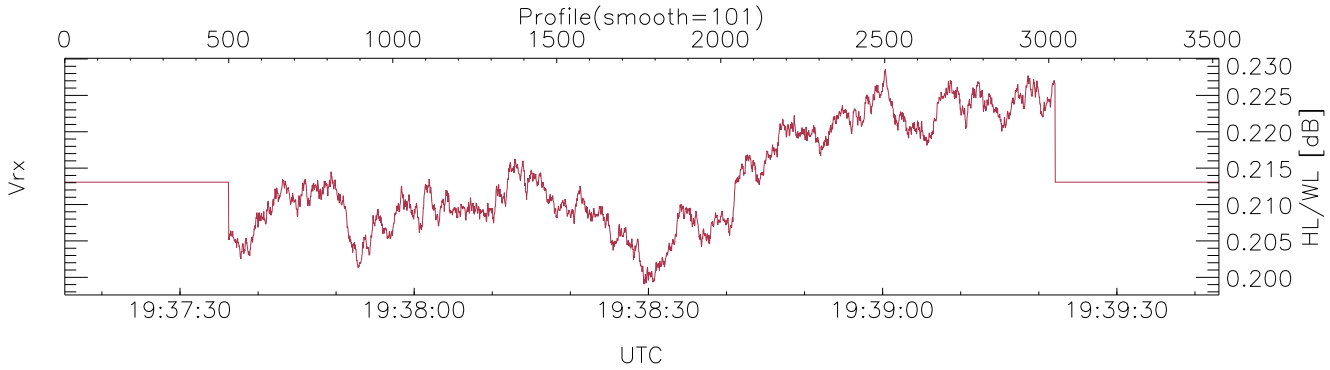
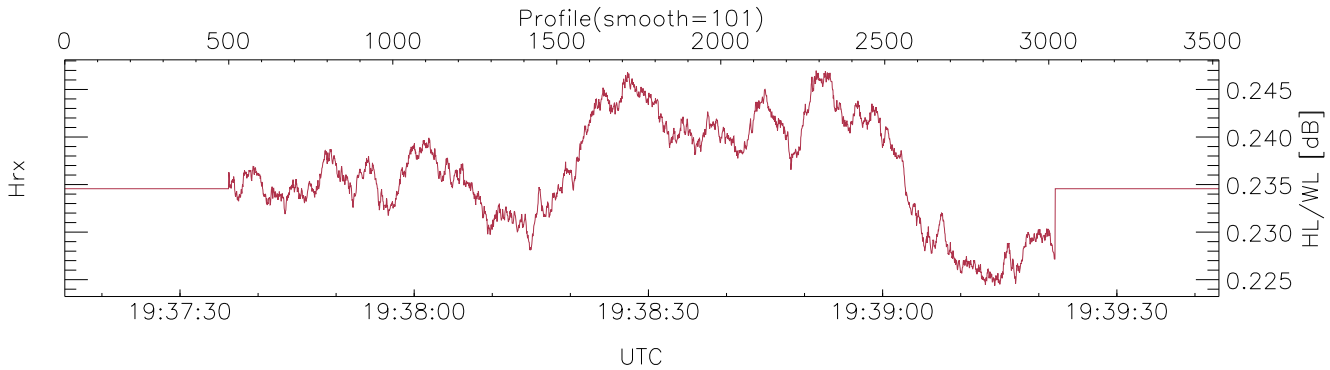


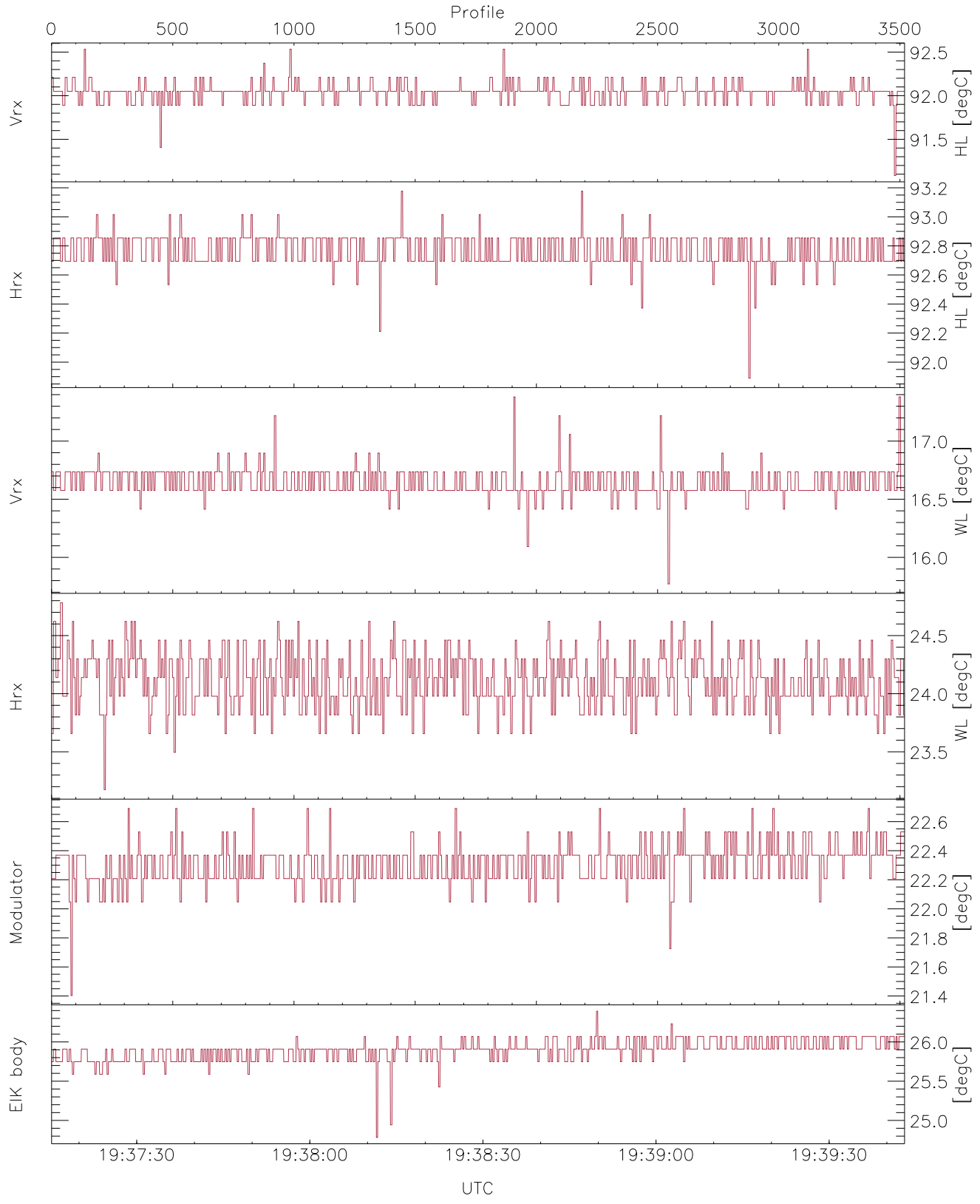






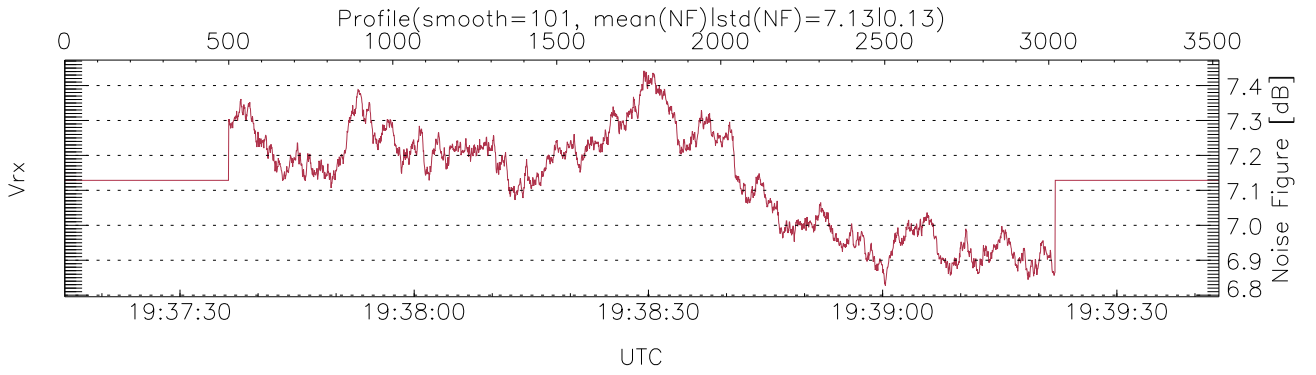
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

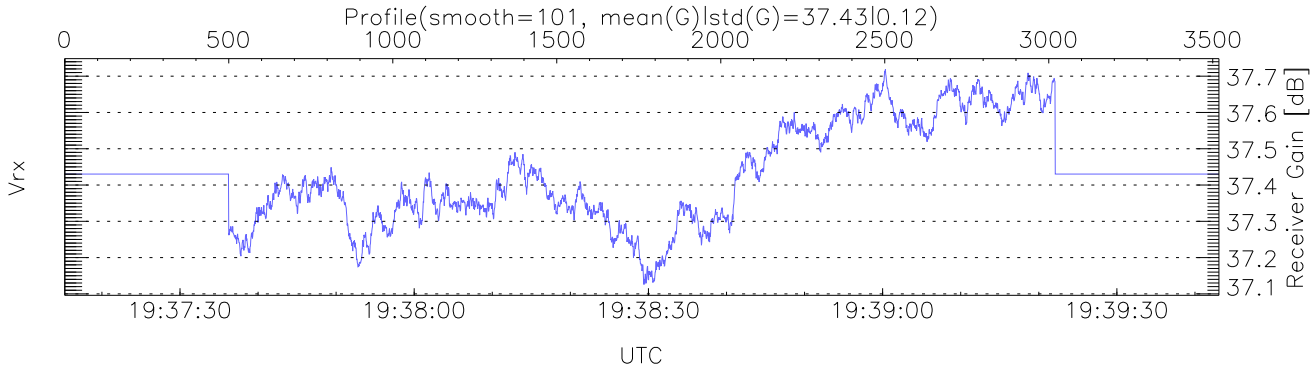
UTC: 19:37:15-19:39:43, Dur: 147.84s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24
NumRec(r/t): 3520/3520, 0-3519/19:37:15-19:39:43
AcqTime: 42.0ms, Rate: 461KB/s, Averages: 140
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 97,3634,7.5 m, Gates: 472, Aspect: 2.0
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 3

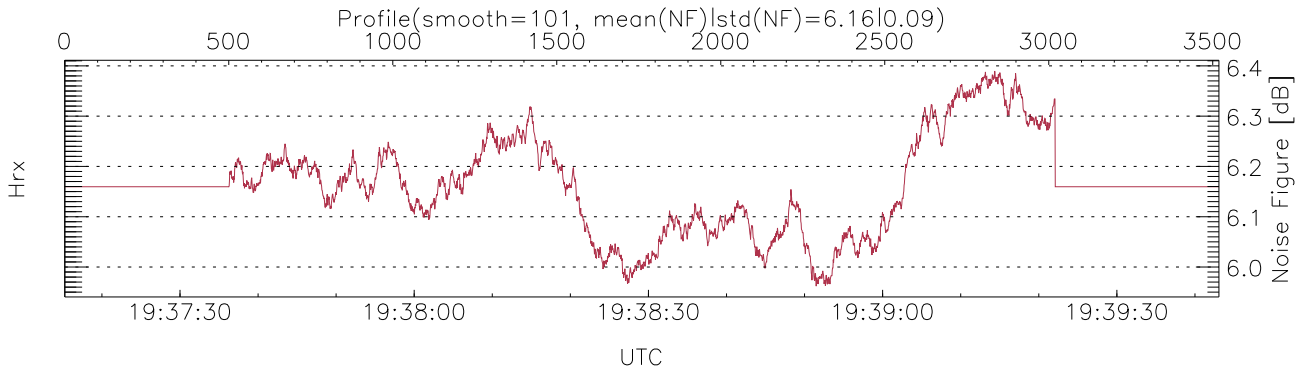


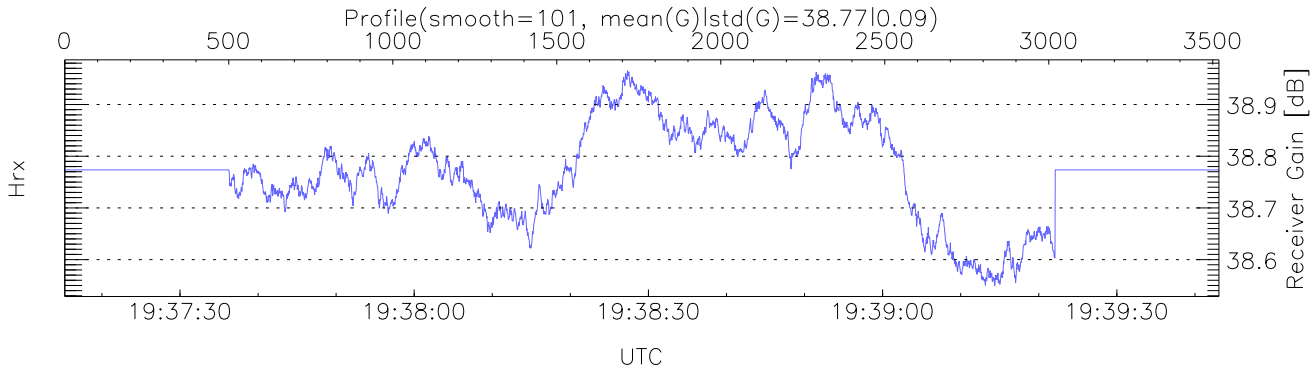
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,15,23,21,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,24,22,26
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (6,6,6,6,6)



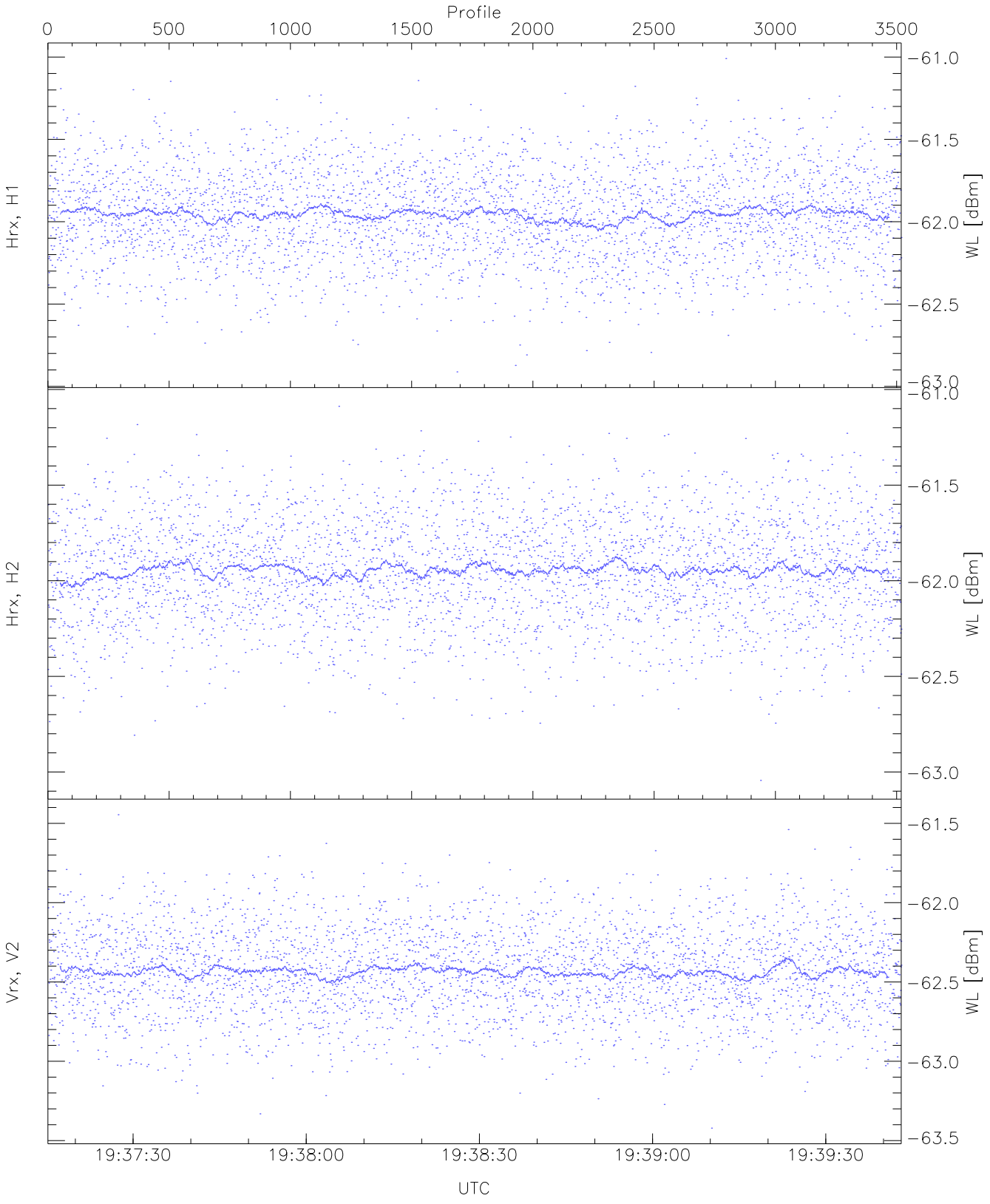






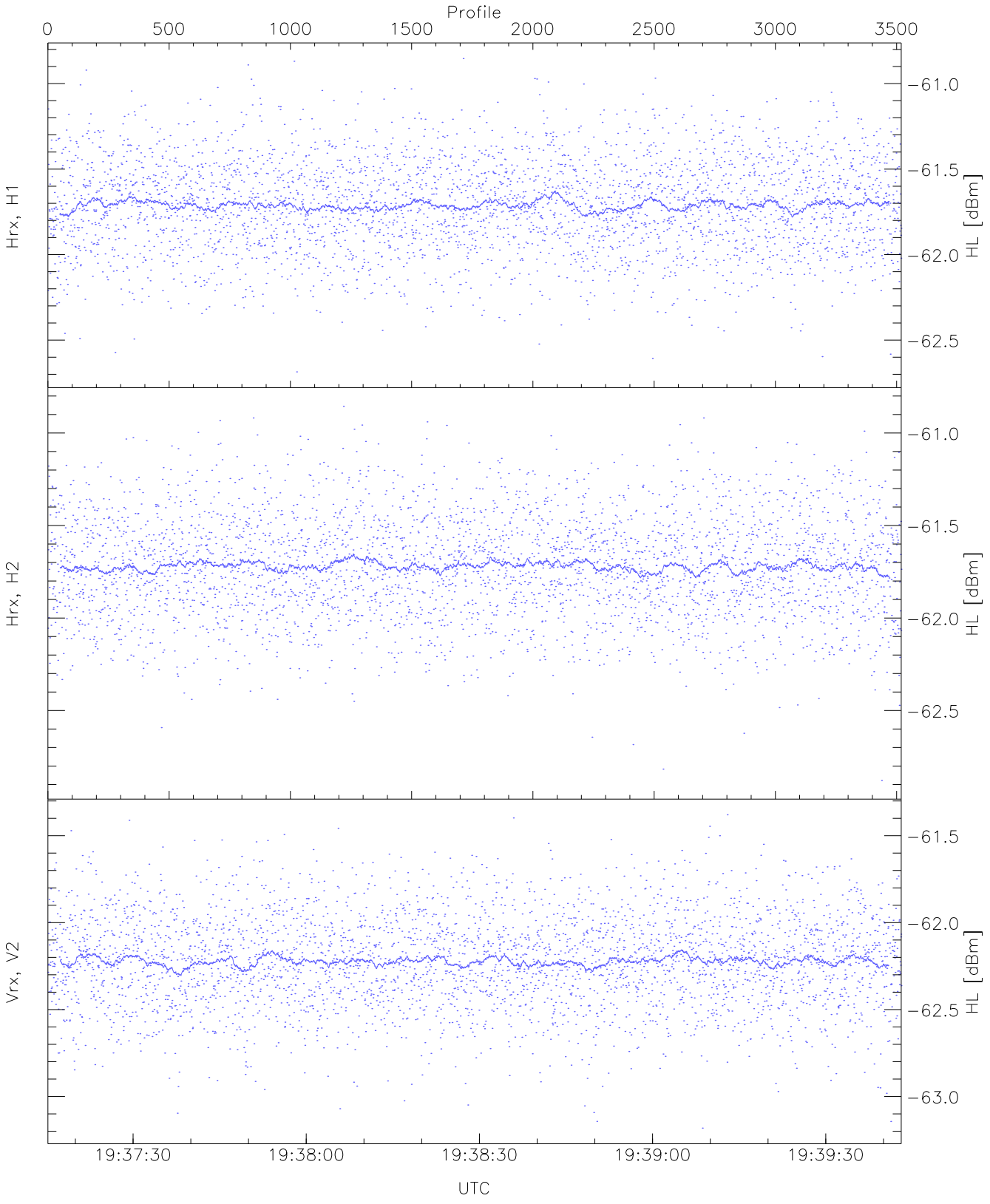
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prods



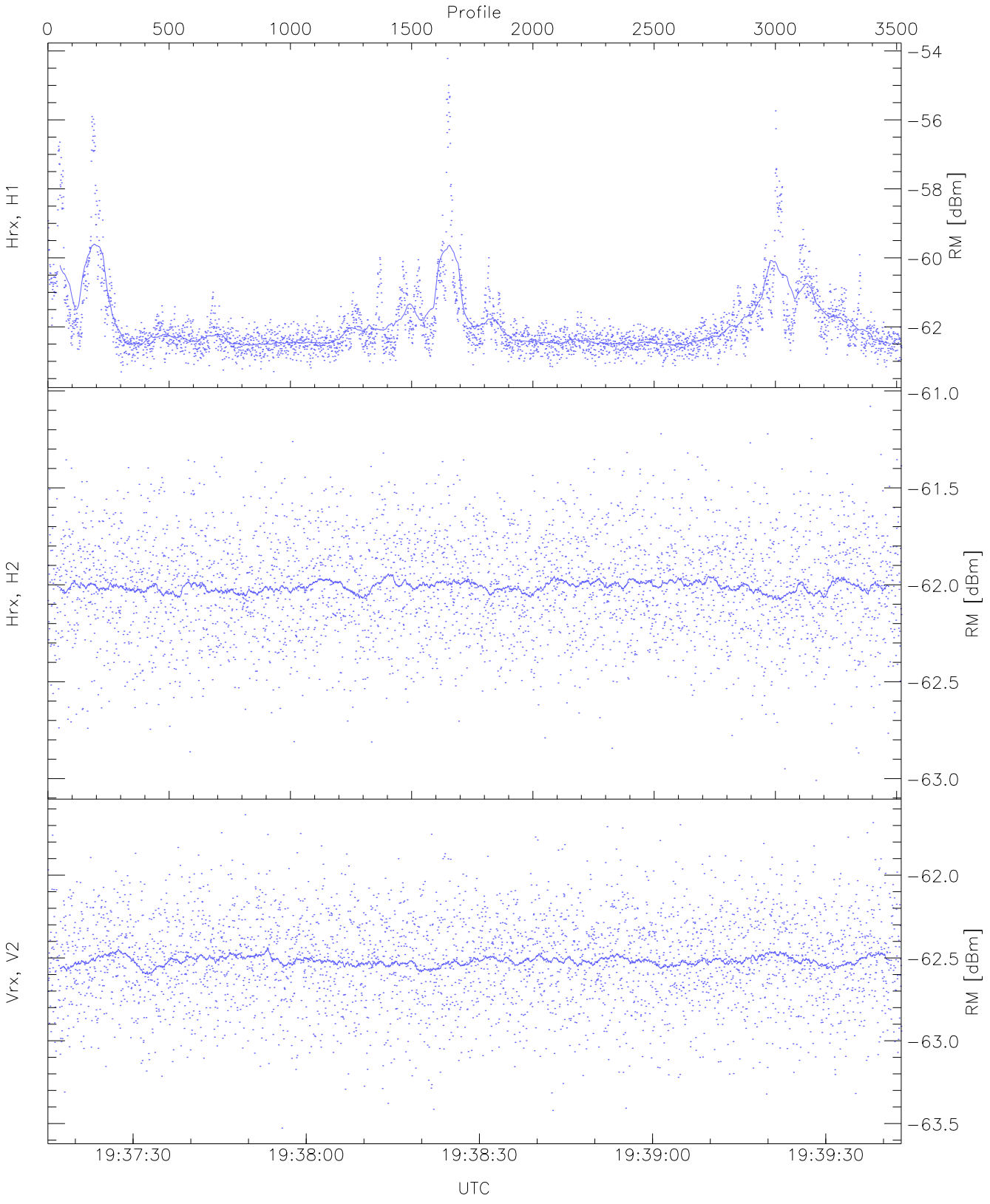
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.91	-61.01	-61.95	-61.96	-74.09
Hrx, H2(WL [dBm])	-63.04	-61.09	-61.94	-61.95	-74.12
Vrx, V2(WL [dBm])	-63.42	-61.45	-62.43	-62.44	-74.65



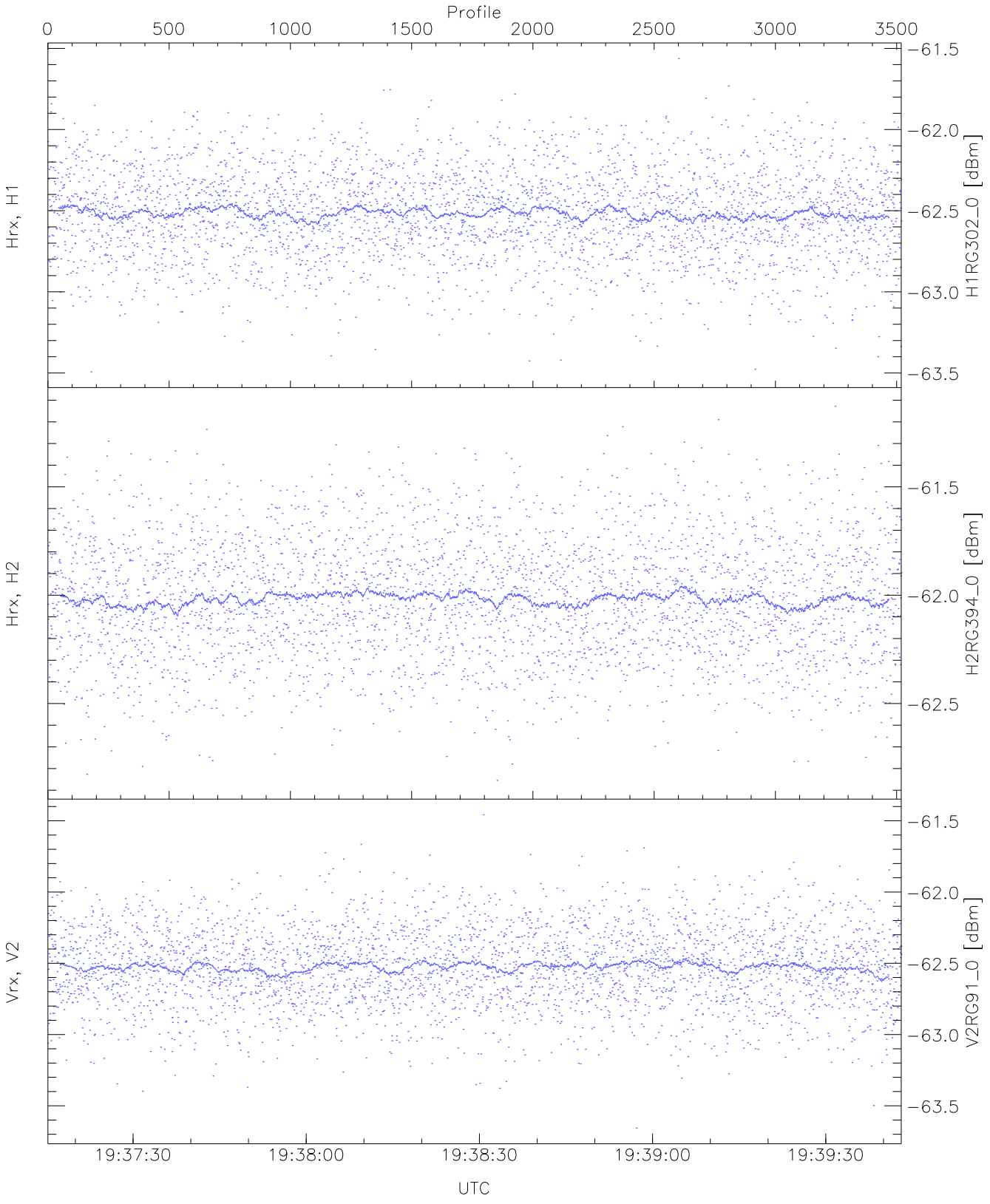
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.69	-60.85	-61.71	-61.71	-73.92
Hrx, H2(HL [dBm])	-62.88	-60.86	-61.71	-61.72	-73.80
Vrx, V2(HL [dBm])	-63.18	-61.38	-62.22	-62.22	-74.47



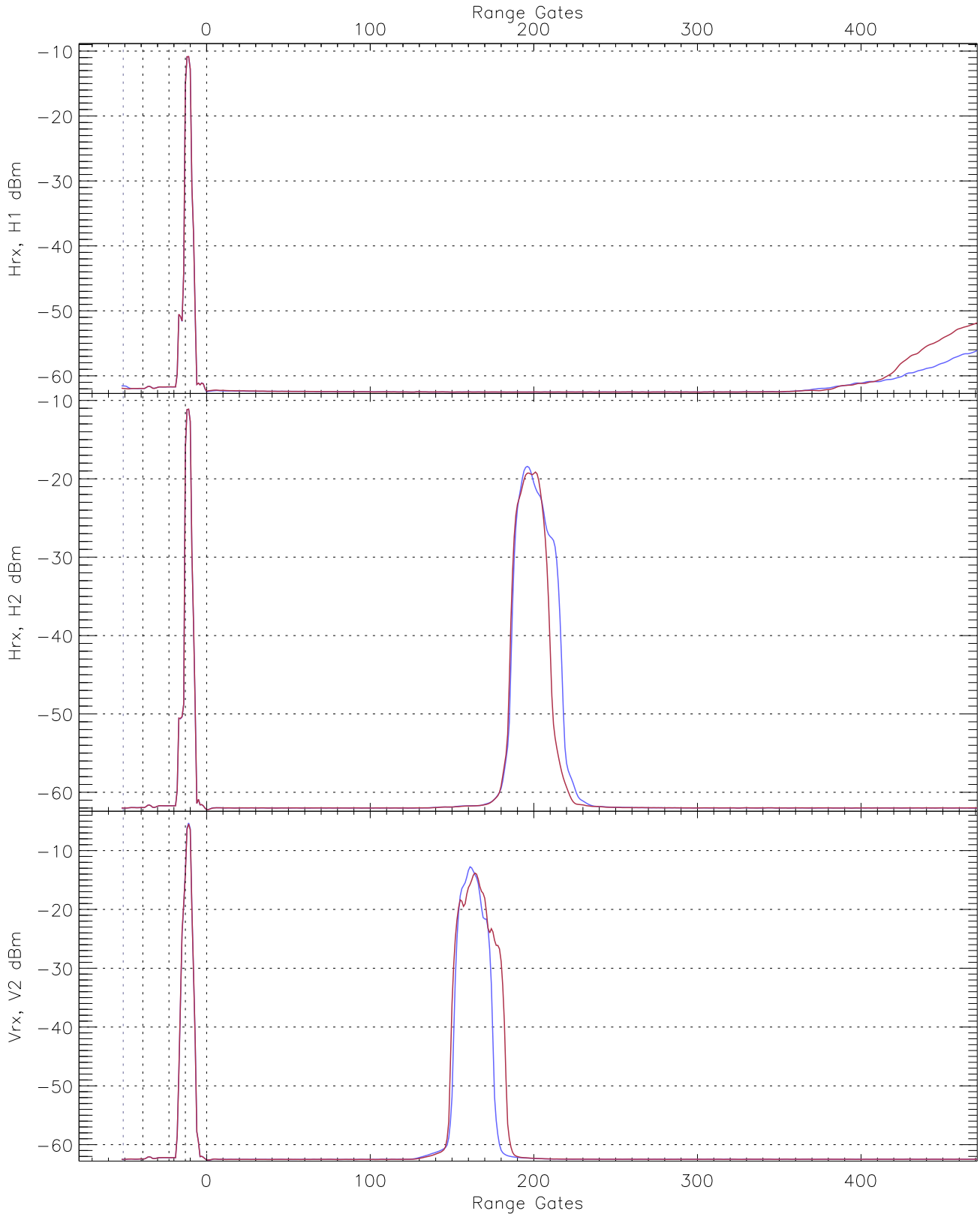
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.31	-54.22	-61.75	-62.25	-65.95
Hrx, H2(RM [dBm])	-63.01	-61.08	-62.00	-62.01	-74.24
Vrx, V2(RM [dBm])	-63.53	-61.64	-62.51	-62.51	-74.58

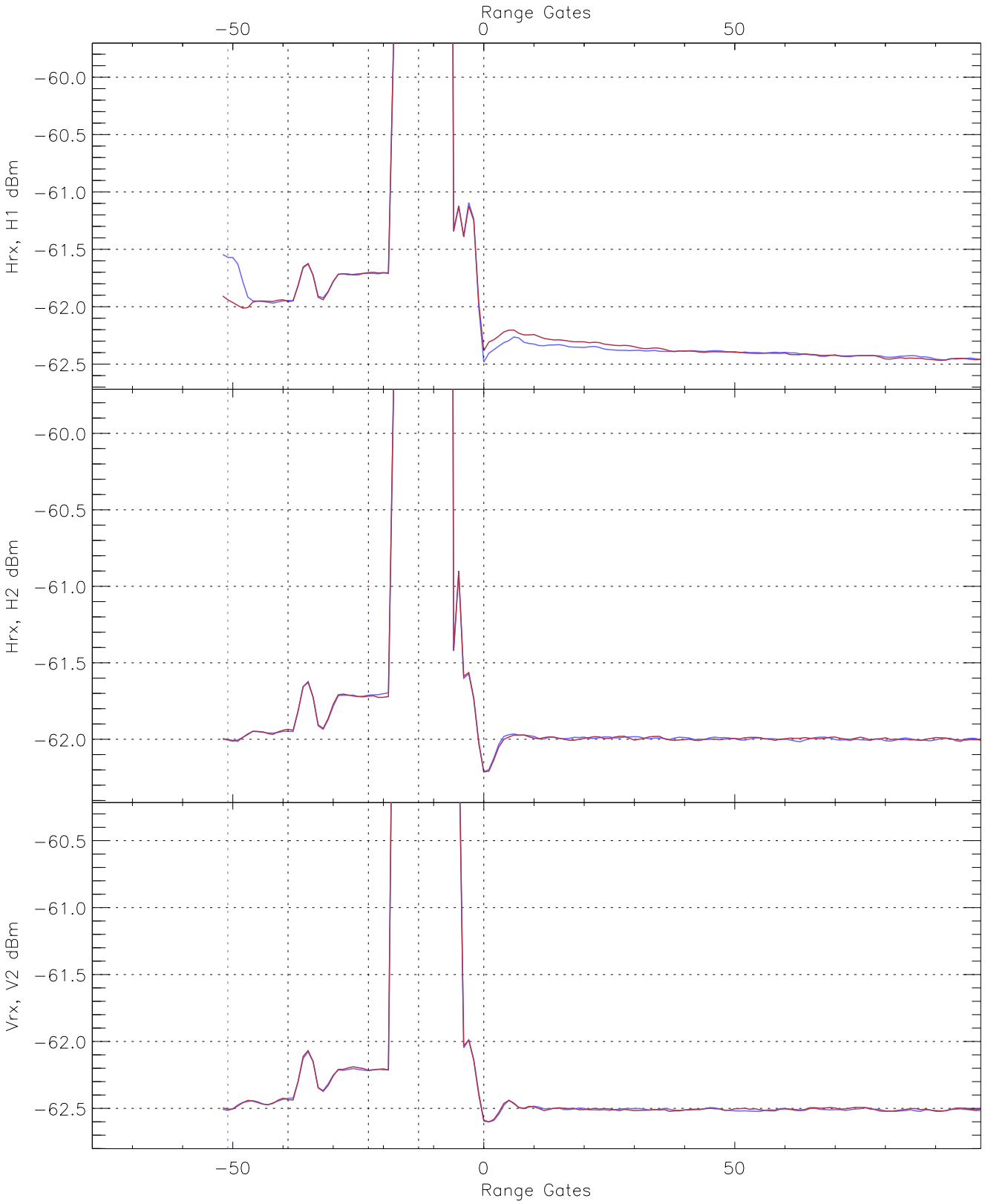


WCR2 CPP "Best" estimate Receivers Noise Power

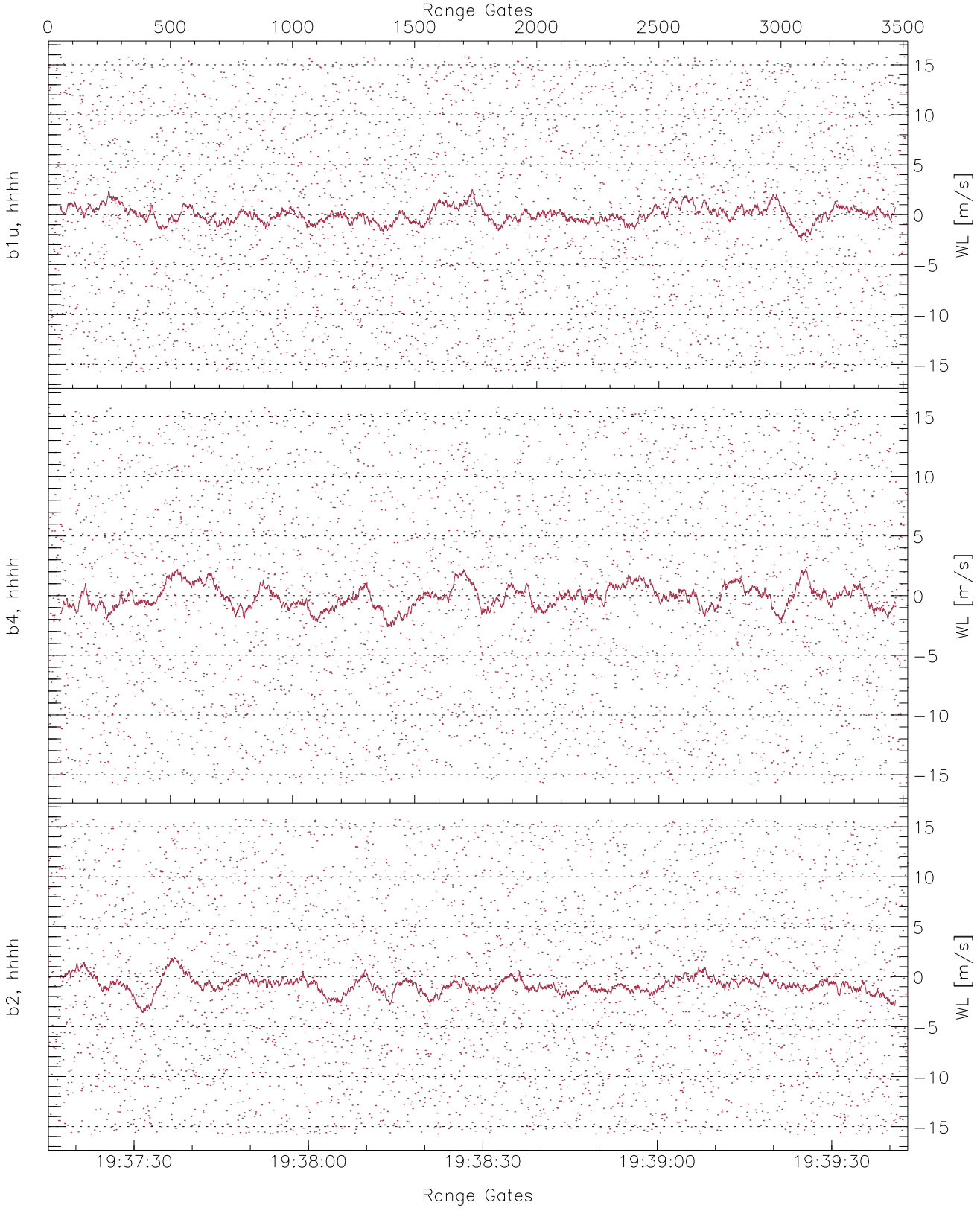
	Min	Max	Mean	Median	StDev
H1RG302_0 [dBm]	-63.49	-61.56	-62.51	-62.51	-74.69
H2RG394_0 [dBm]	-62.85	-61.13	-62.01	-62.02	-74.17
V2RG91_0 [dBm]	-63.66	-61.46	-62.52	-62.53	-74.69



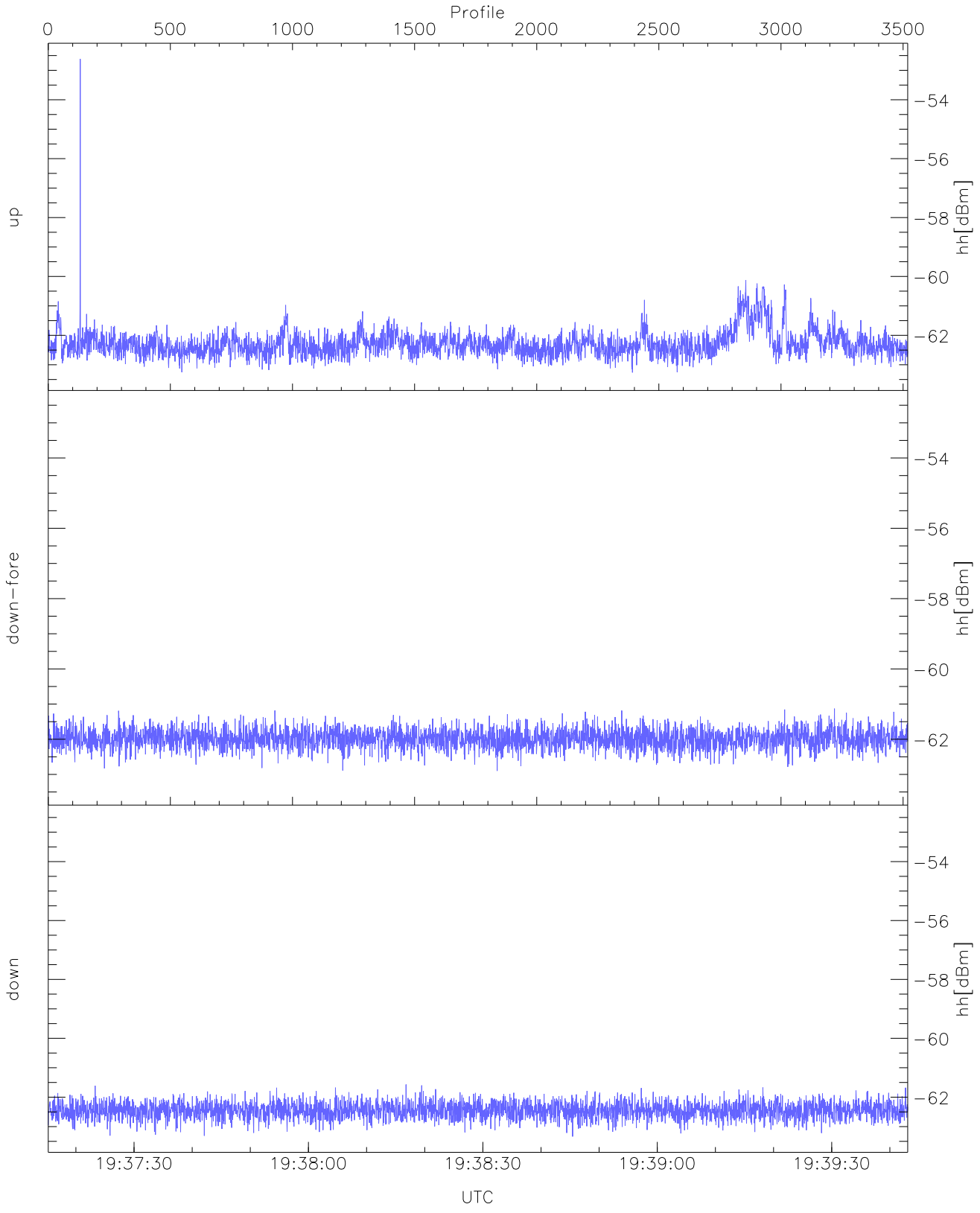
WCR2 CPP Averaged Received power for all recorded gates
blue: 193715-193829, 1761 profiles averaged
red: 193829-193943, 1760 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 193715-193829, 1761 profiles averaged
red: 193829-193943, 1760 profiles averaged

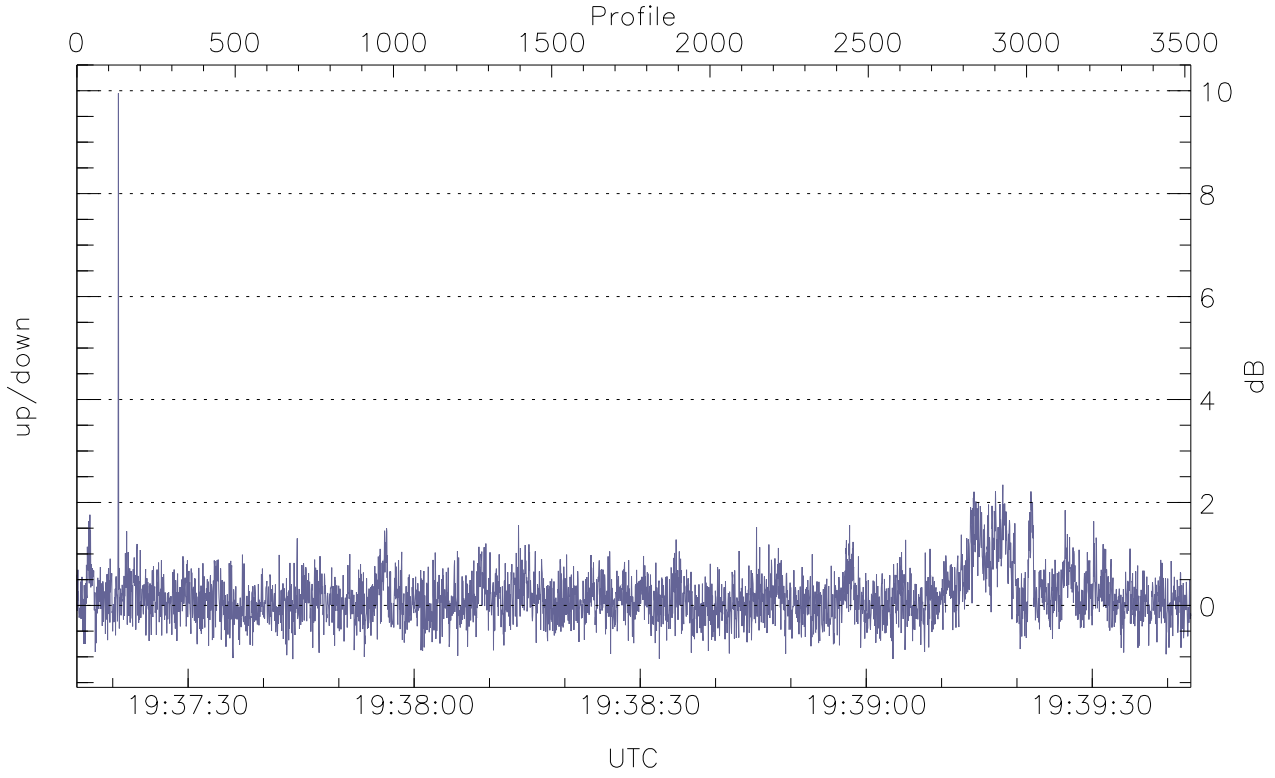


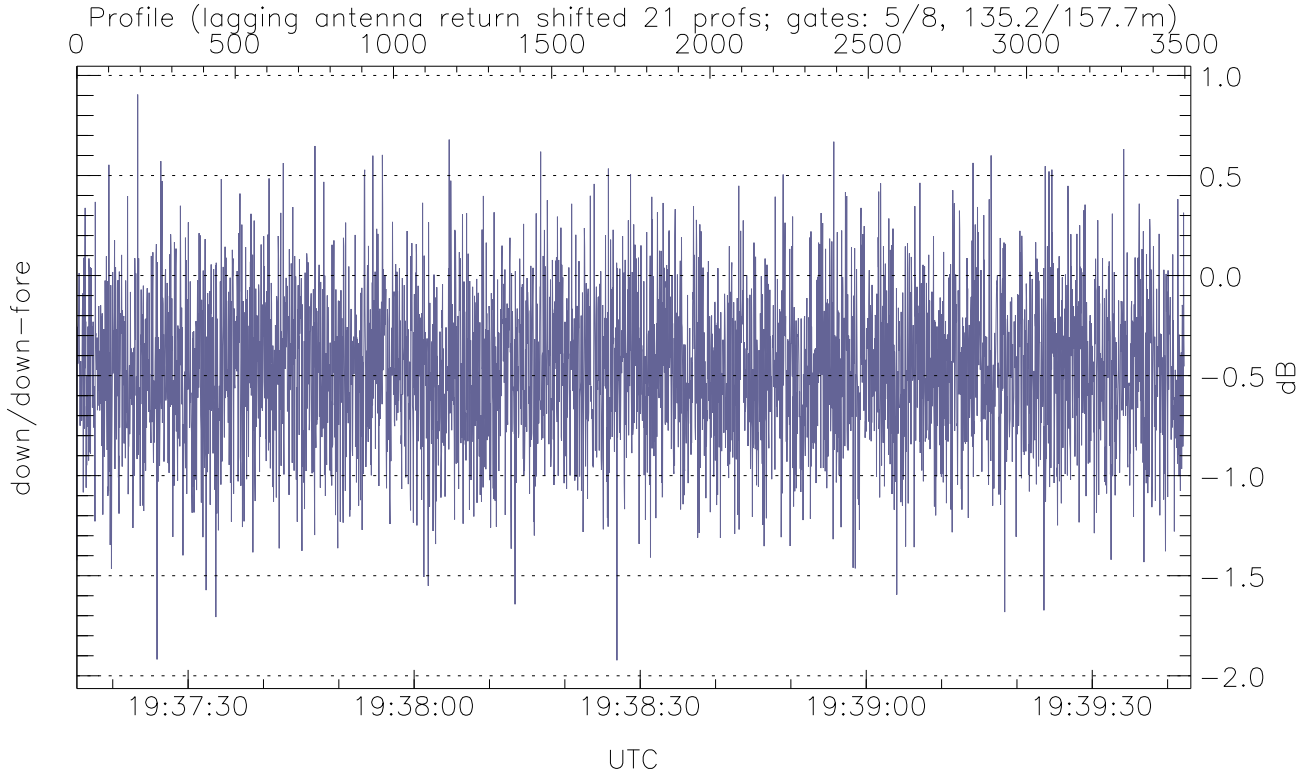
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

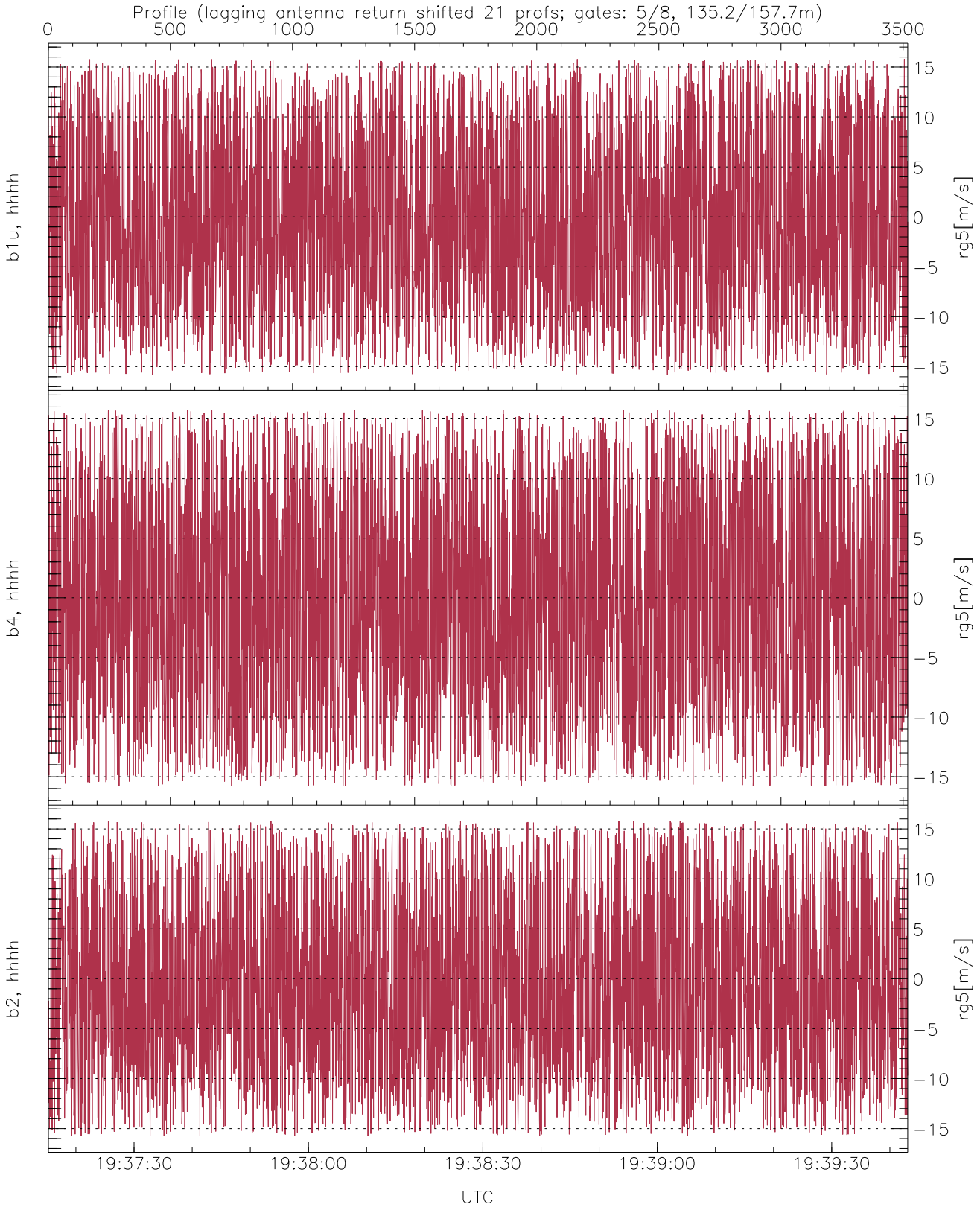
	Min	Max	Mean
up(hh[dBm])	-63.26	-52.62	-62.25
down-fore(hh[dBm])	-62.90	-61.13	-61.98
down(hh[dBm])	-63.34	-61.57	-62.44





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

	Min	Max	Mean
up/down(dB)	-1.04	9.95	0.17
down/down-fore(dB)	-1.92	0.90	-0.47



WCR2 CPP Doppler Velocity Products at 135.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	-0.20	8.92
b4, hhhh(rg5[m/s])	-15.80	15.78	-0.05	9.14
b2, hhhh(rg5[m/s])	-15.77	15.80	-0.88	8.86