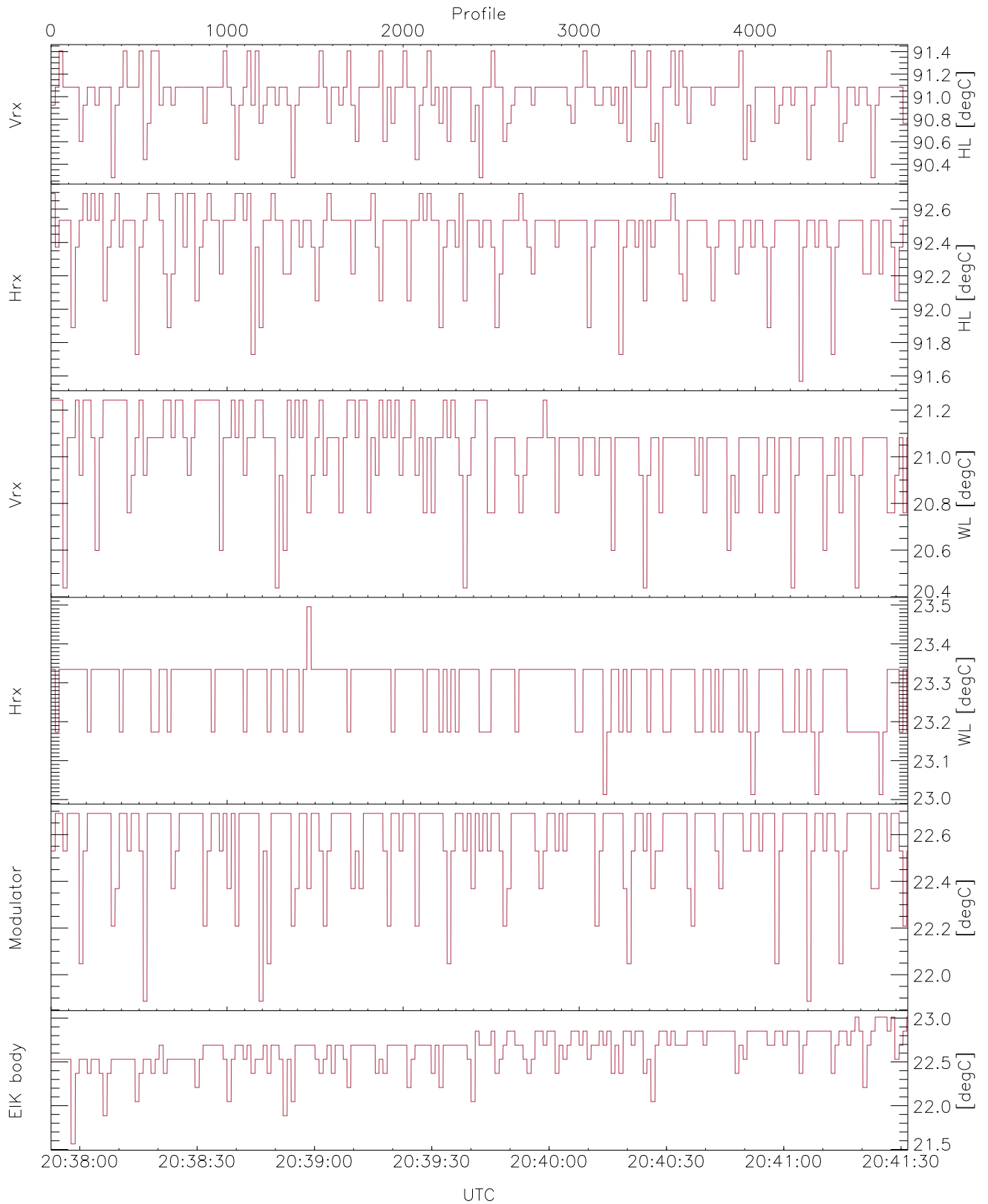


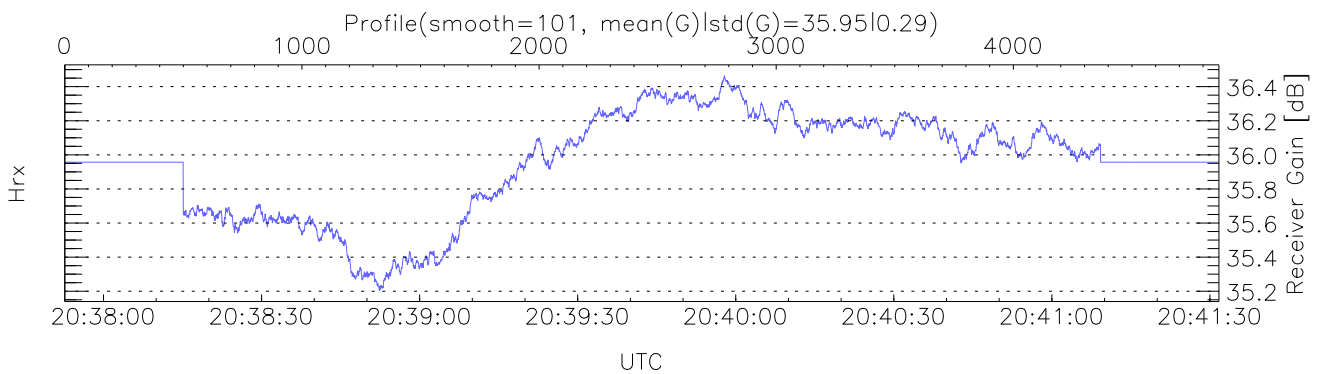
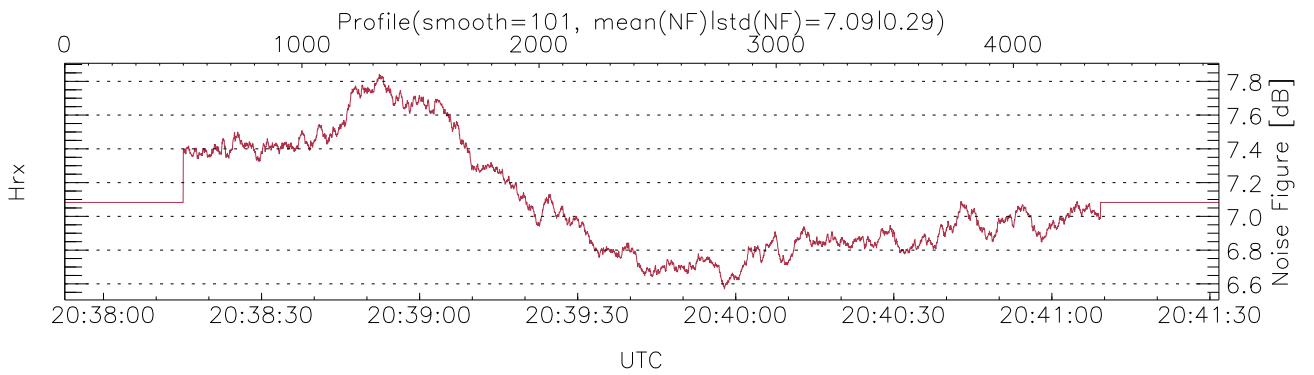
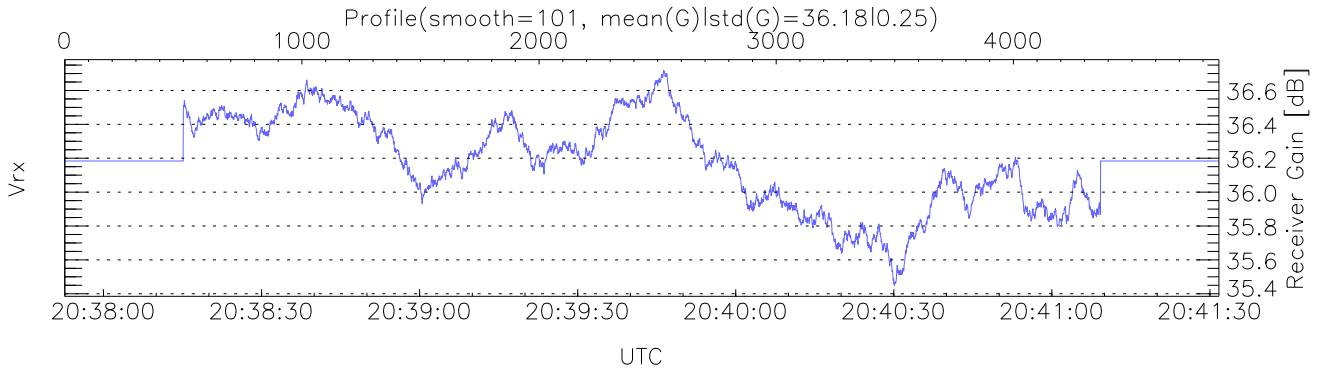
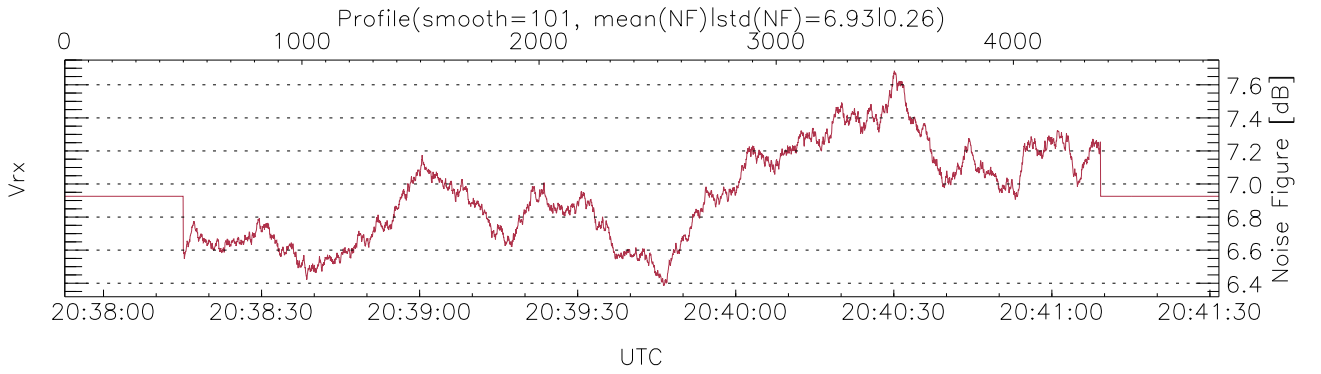
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:37:53-20:41:32, TimeCor: 0.00s, Dur: 219.07s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 4868/4868, 0-4867/20:37:53-20:41:32
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



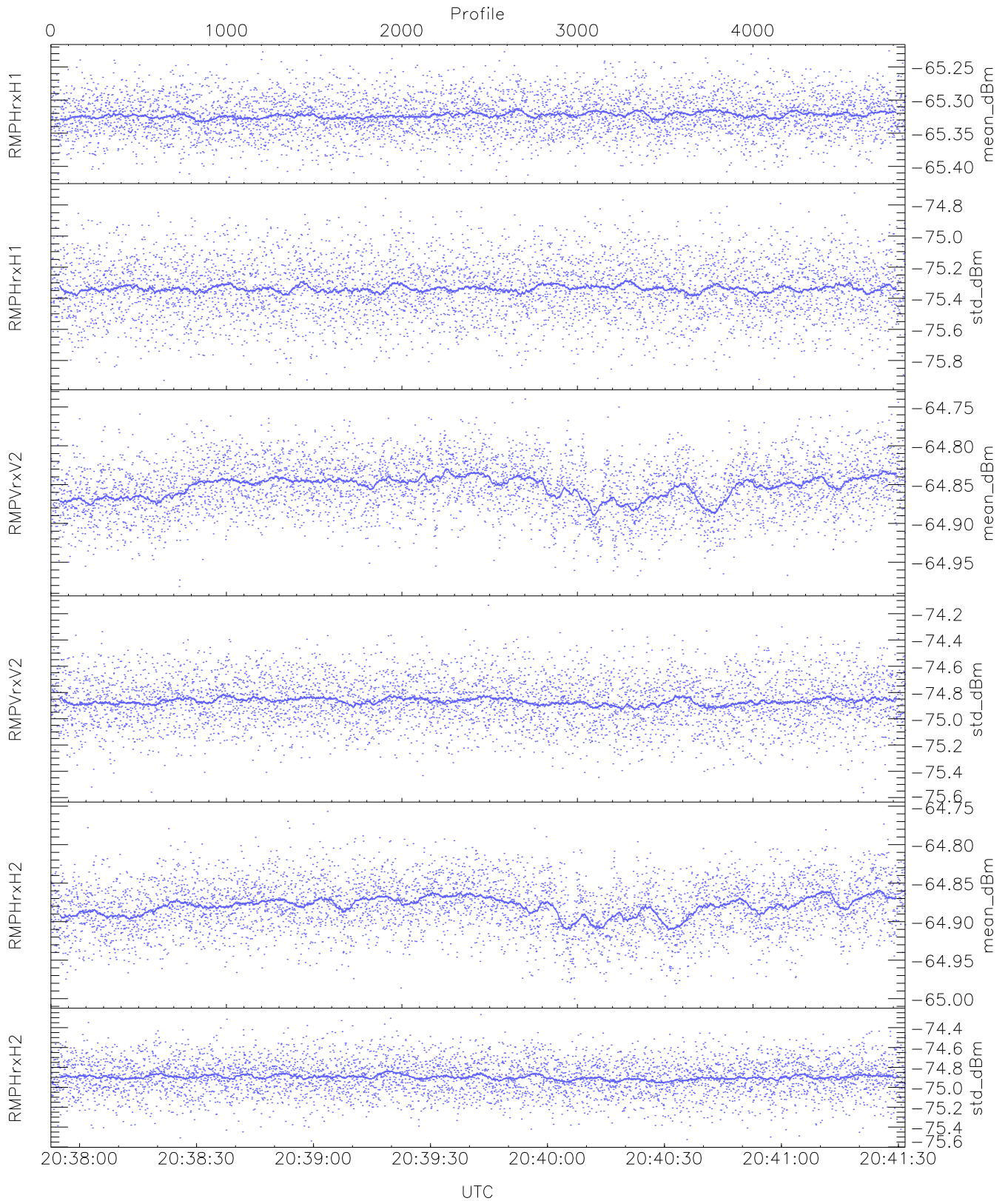
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,21,21
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,22,23
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK/Modulator Faults: None



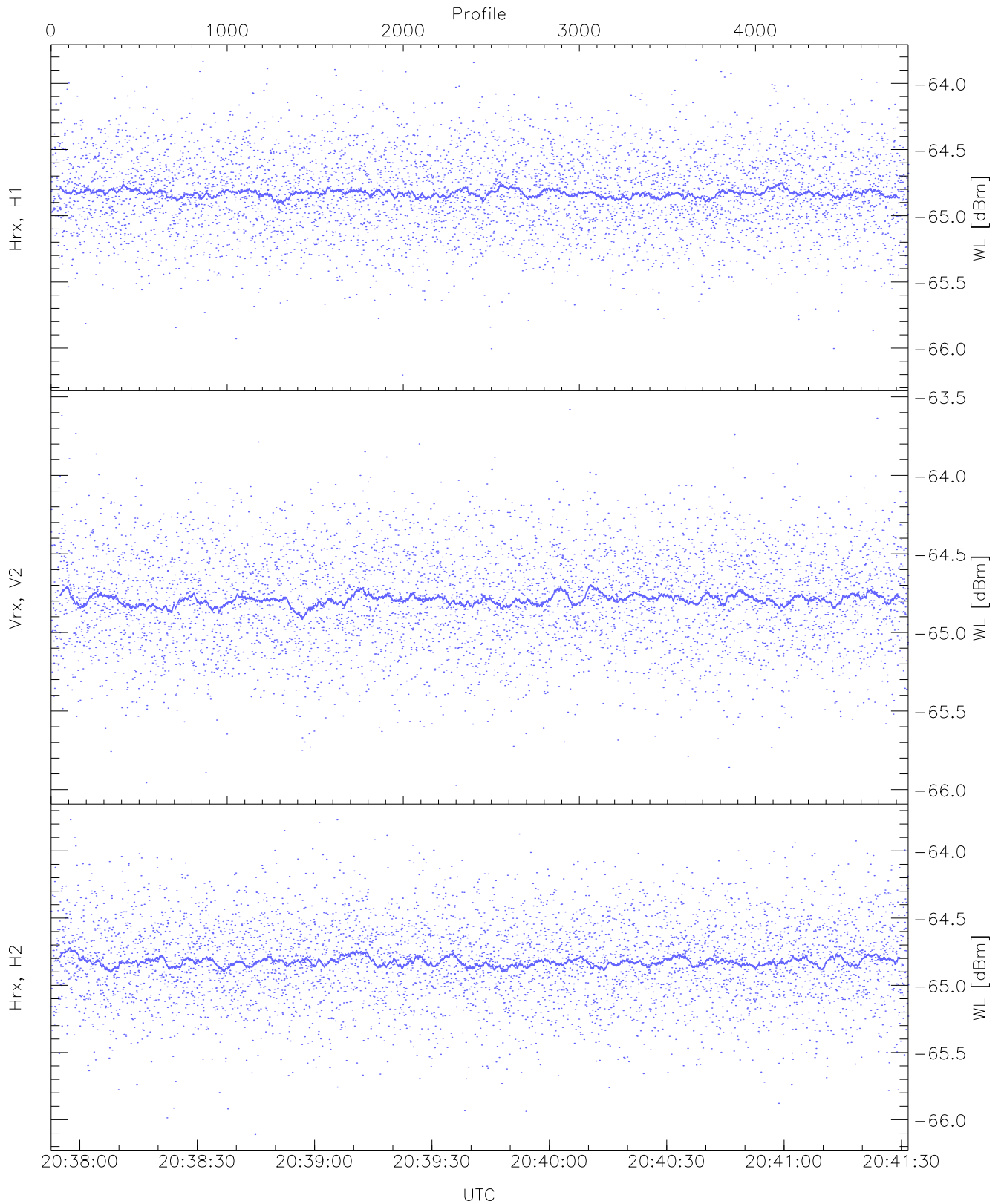
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 1 pixs, 1 gates, 1 profs, 1 prod(s)



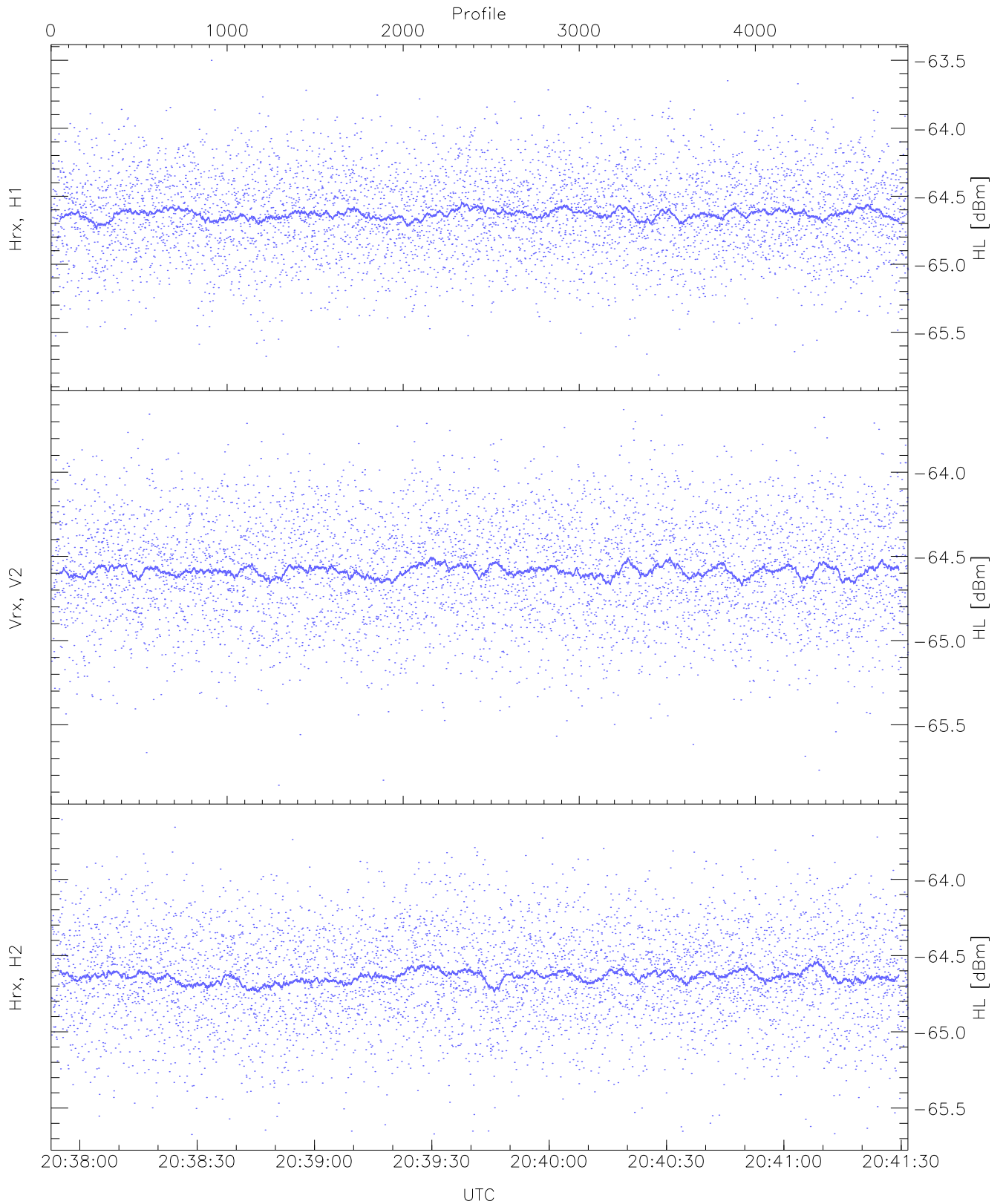
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.42	-65.23	-65.32	-65.32	-86.97
RMPHrxH1 (std_dBm)	-75.93	-74.72	-75.34	-75.34	-89.06
RMPVrxV2 (mean_dBm)	-64.98	-64.74	-64.85	-64.85	-85.89
RMPVrxV2 (std_dBm)	-75.56	-74.14	-74.86	-74.87	-88.59
RMPHrxH2 (mean_dBm)	-65.00	-64.76	-64.88	-64.88	-86.08
RMPHrxH2 (std_dBm)	-75.54	-74.27	-74.90	-74.90	-88.77



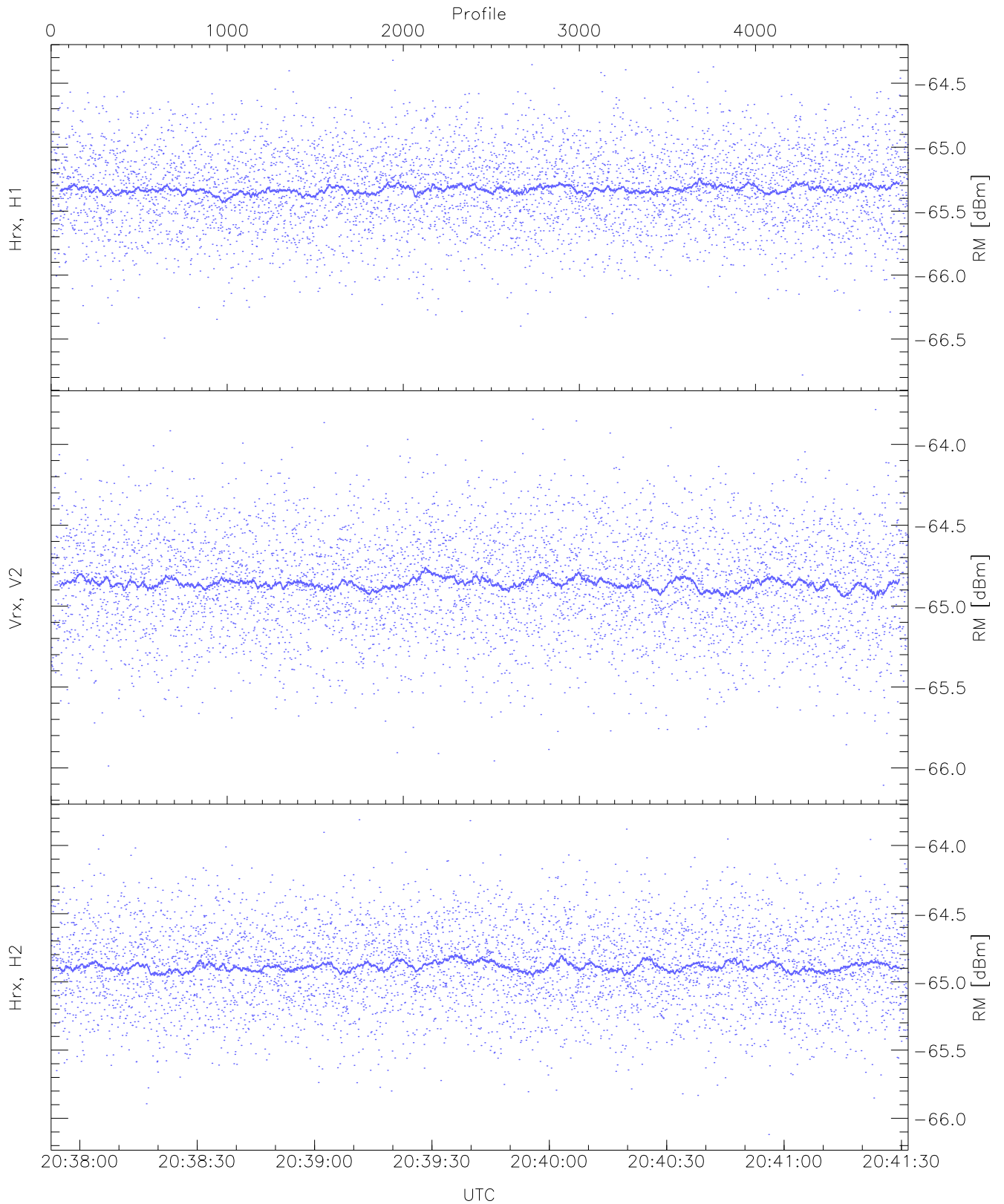
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.20	-63.83	-64.82	-64.83	-76.38
Vrx, V2 (WL [dBm])	-65.97	-63.58	-64.78	-64.79	-76.24
Hrx, H2 (WL [dBm])	-66.11	-63.77	-64.82	-64.82	-76.27



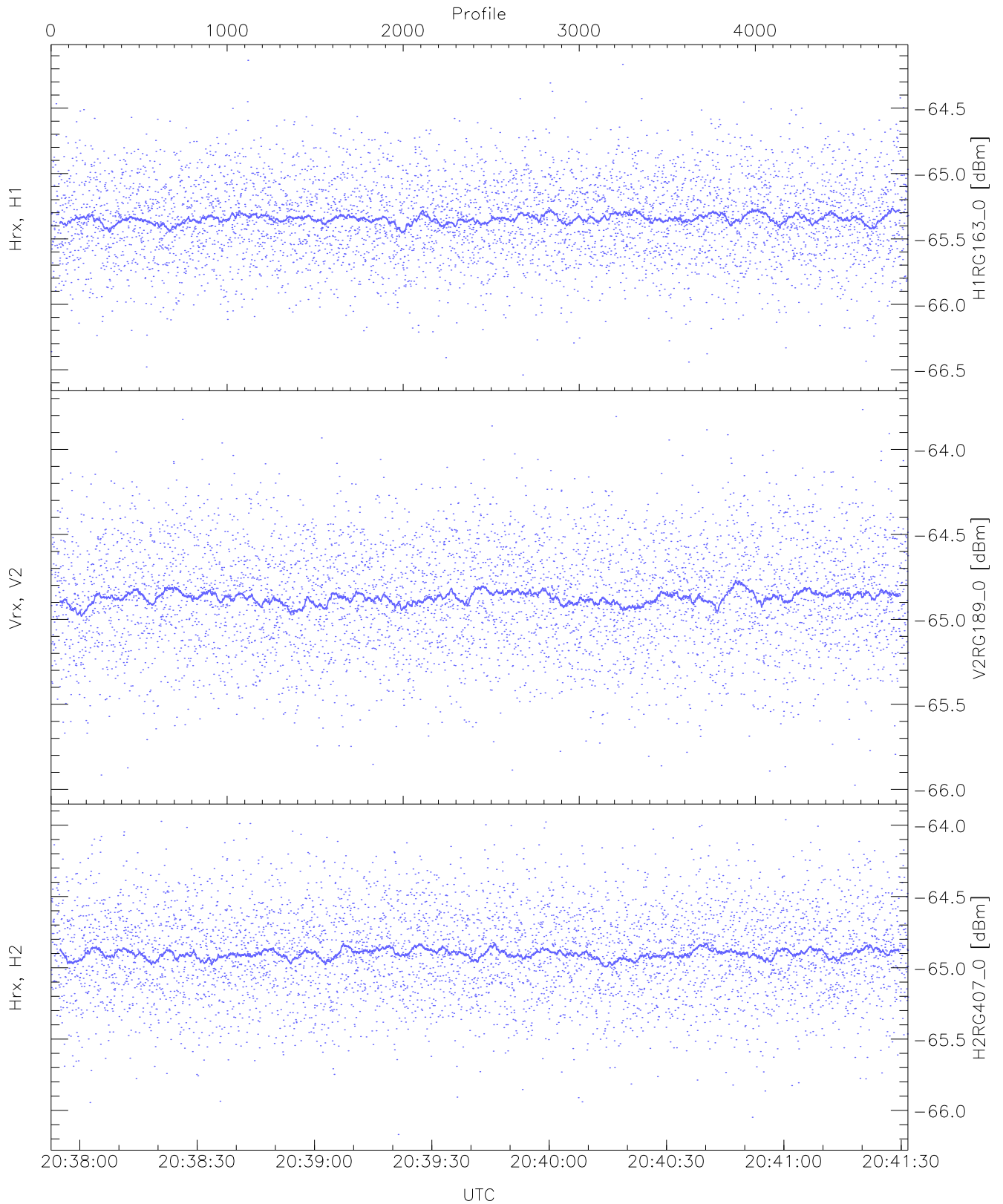
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.81	-63.50	-64.62	-64.63	-76.17
Vrx, V2 (HL [dBm])	-65.86	-63.63	-64.58	-64.59	-76.09
Hrx, H2 (HL [dBm])	-65.67	-63.61	-64.63	-64.64	-76.13



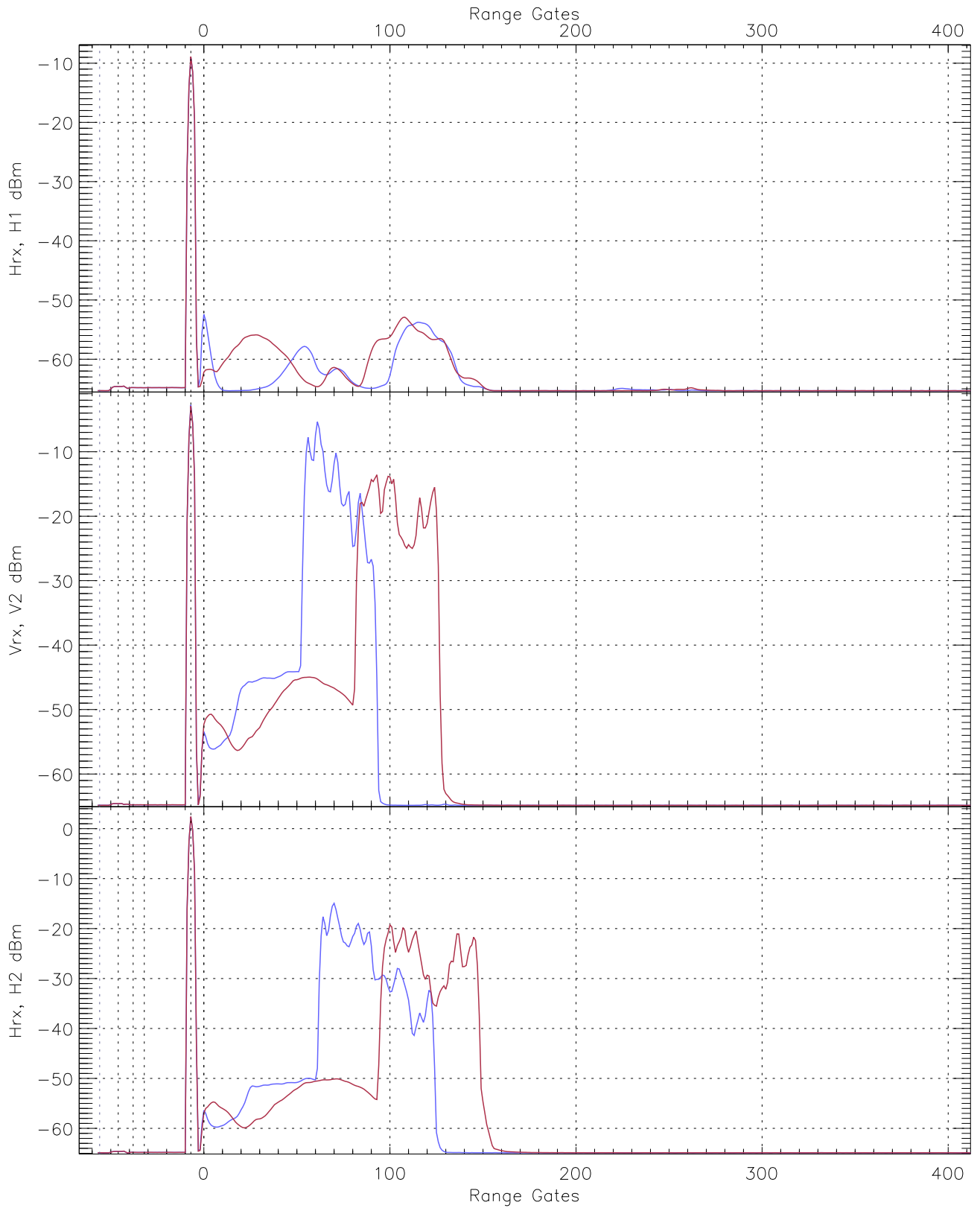
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.78	-64.32	-65.32	-65.32	-76.80
Vrx, V2 (RM [dBm])	-66.11	-63.78	-64.85	-64.85	-76.35
Hrx, H2 (RM [dBm])	-66.12	-63.81	-64.88	-64.88	-76.50

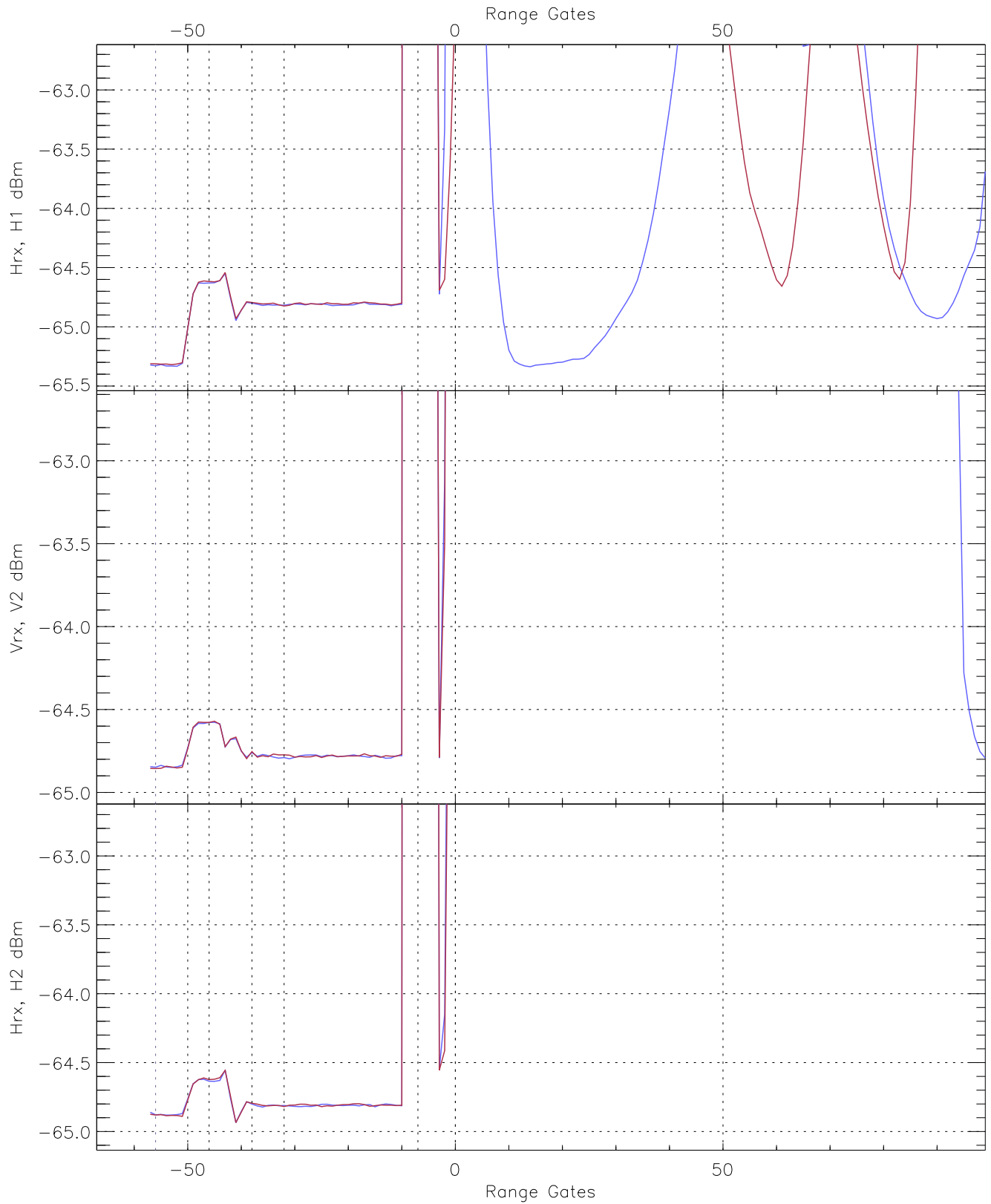


WCR3 CPP "Best" estimate Receivers Noise Power

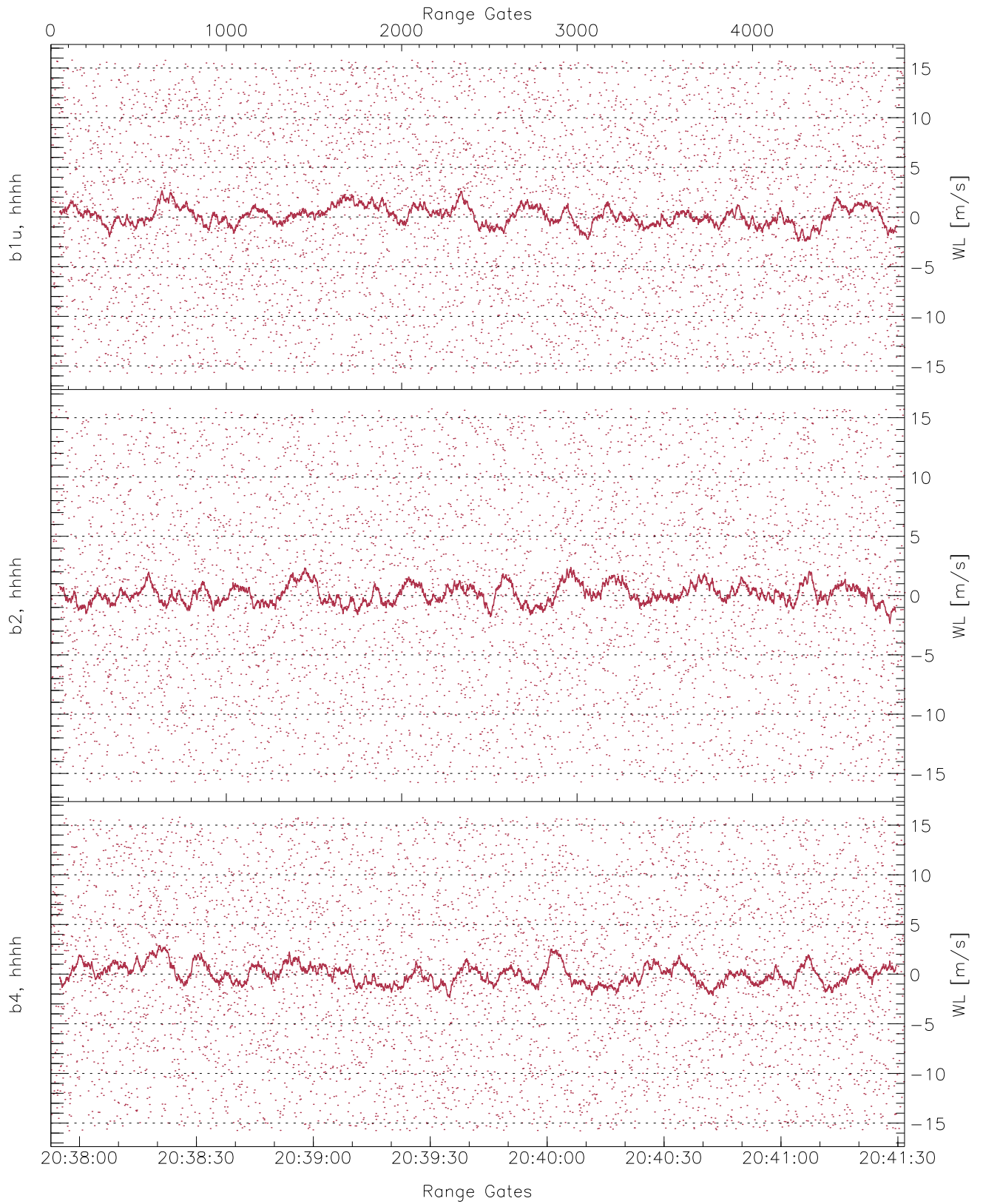
	Min	Max	Mean	Median	StDev
H1RG163_0 [dBm]	-66.54	-64.13	-65.34	-65.35	-76.81
V2RG189_0 [dBm]	-65.98	-63.77	-64.86	-64.87	-76.32
H2RG407_0 [dBm]	-66.17	-63.96	-64.89	-64.90	-76.36



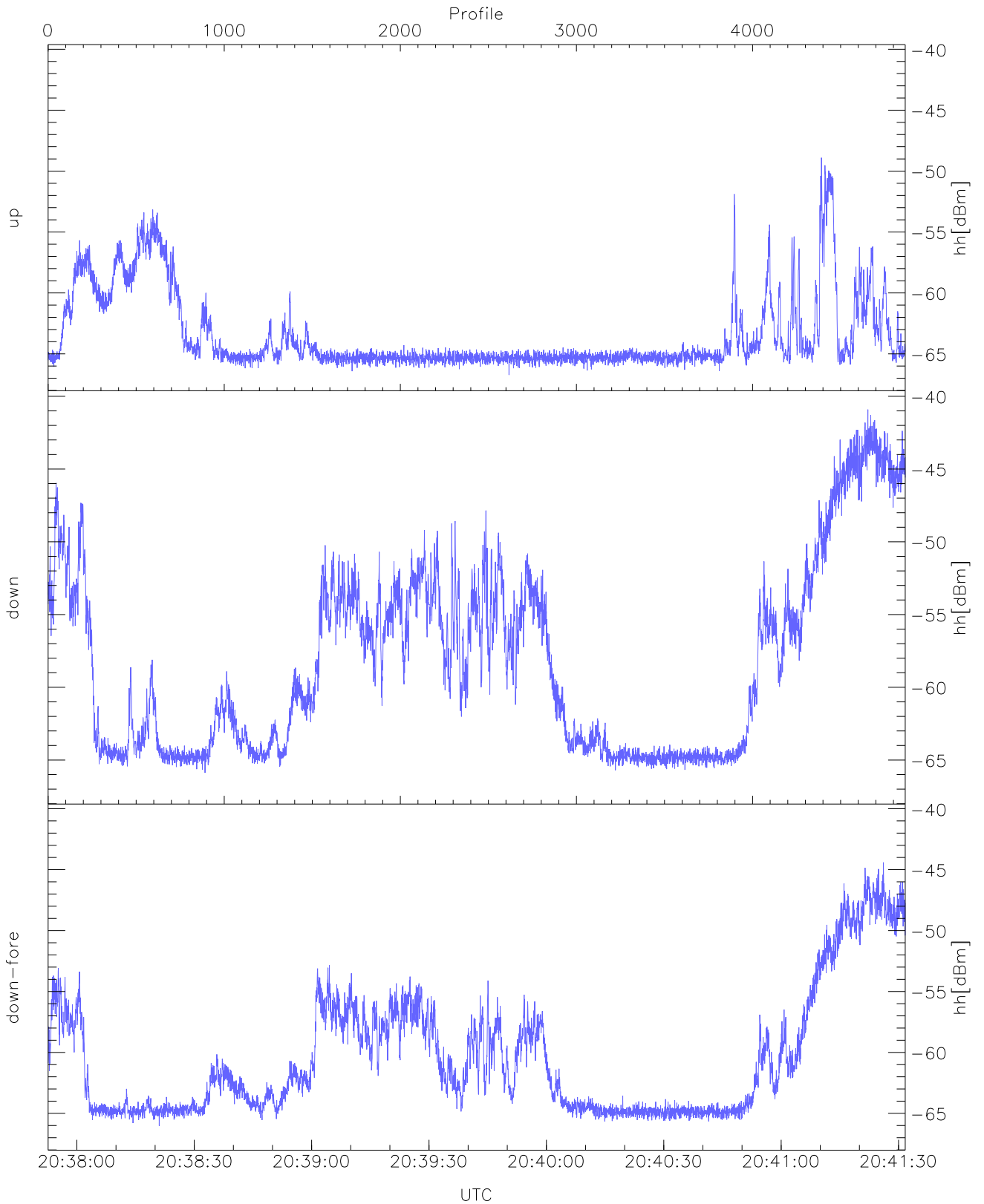
WCR3 CPP Averaged Received power for all recorded gates
blue: 203753-203942, 2435 profiles averaged
red: 203942-204132, 2434 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 203753-203942, 2435 profiles averaged
red: 203942-204132, 2434 profiles averaged

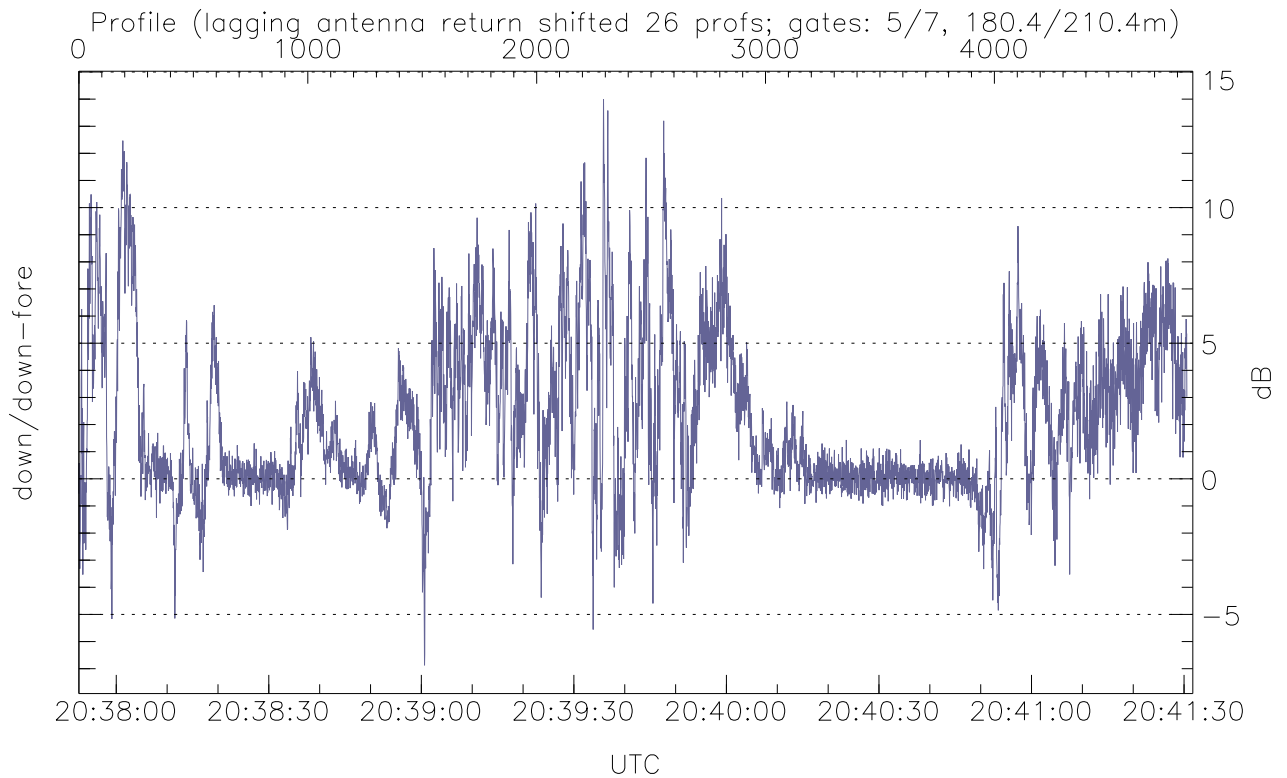
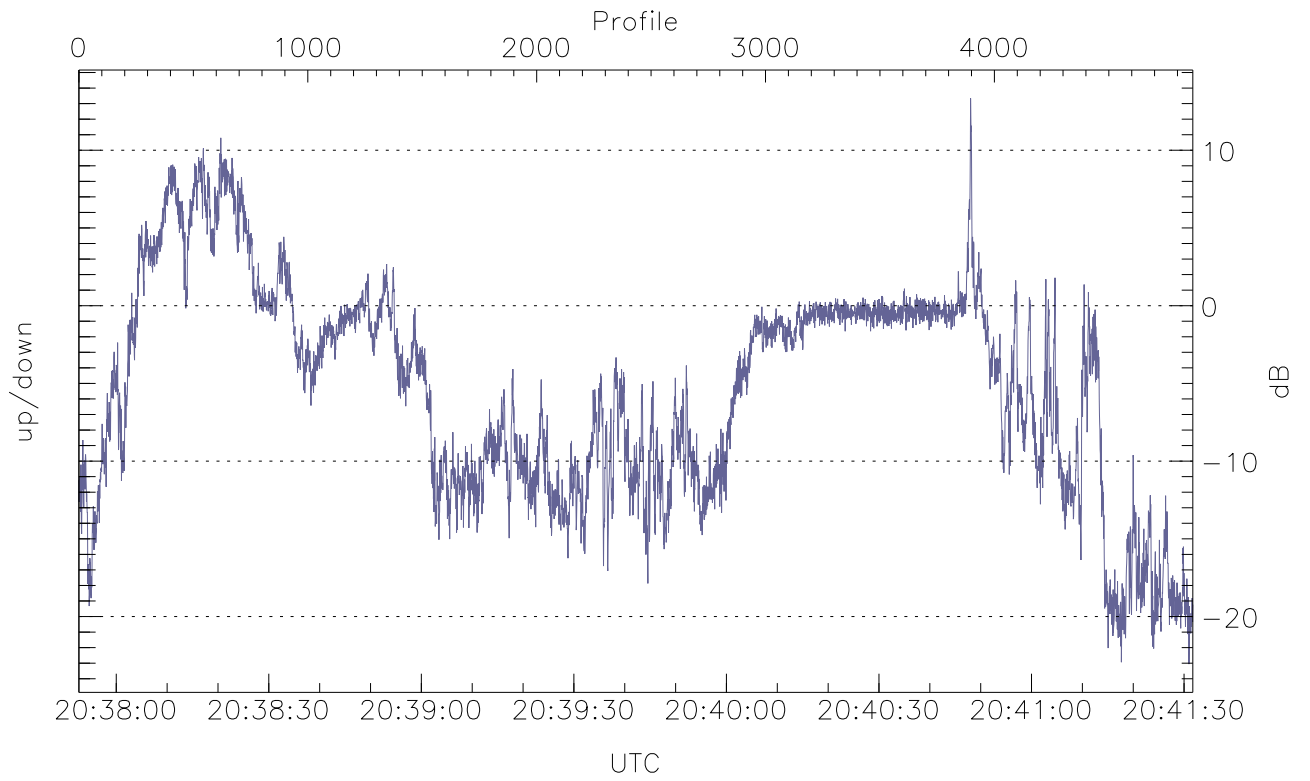


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



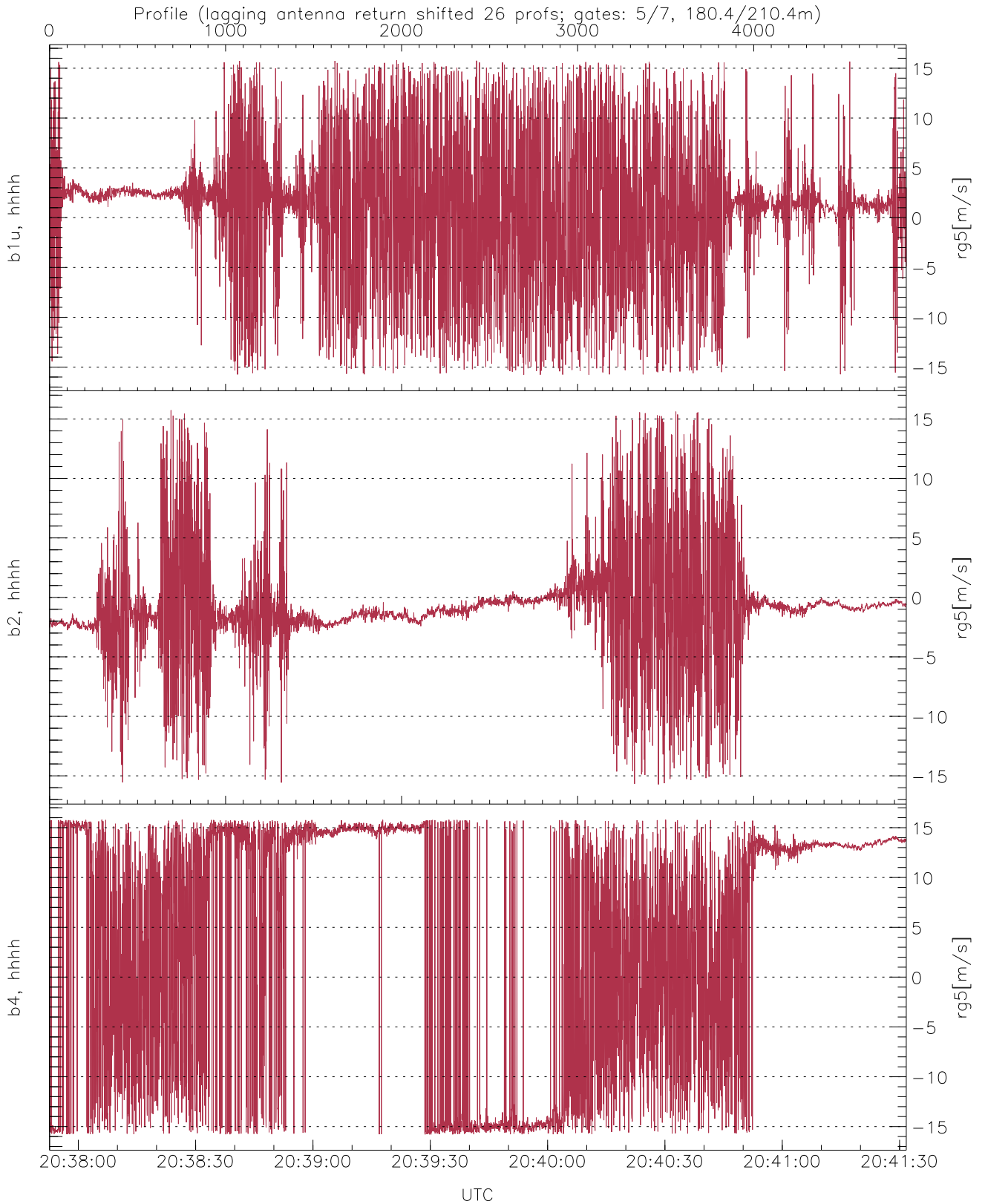
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.73	-48.90	-61.67
down(hh[dBm])	-65.87	-40.91	-52.86
down-fore(hh[dBm])	-66.02	-44.41	-56.50



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-23.06	13.34	-5.25
down/down-fore (dB)	-6.87	13.99	2.23



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.78	0.94	6.60
b2, hhhh(rg5[m/s])	-15.72	15.74	-0.88	4.02
b4, hhhh(rg5[m/s])	-15.79	15.79	3.88	12.44