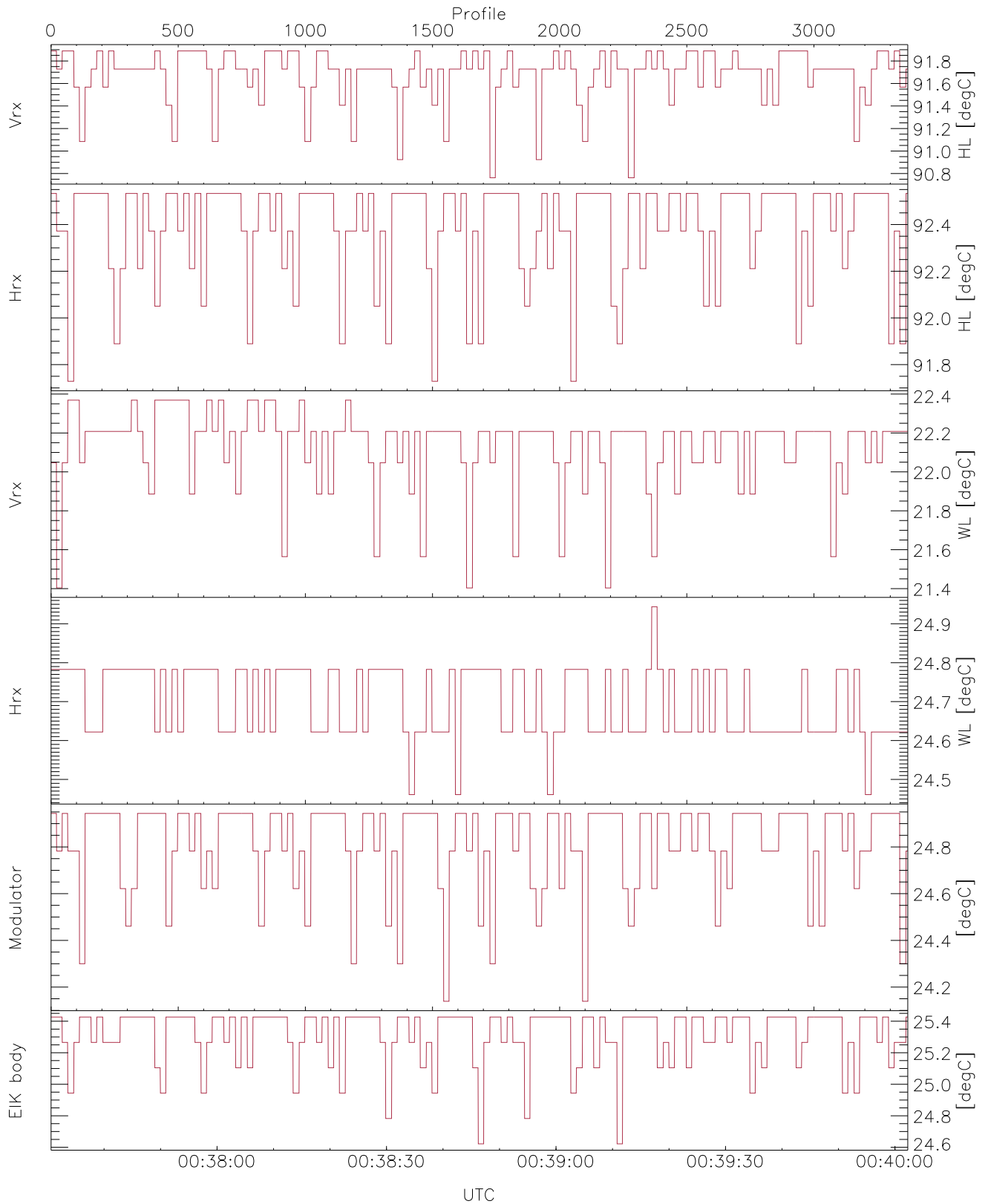


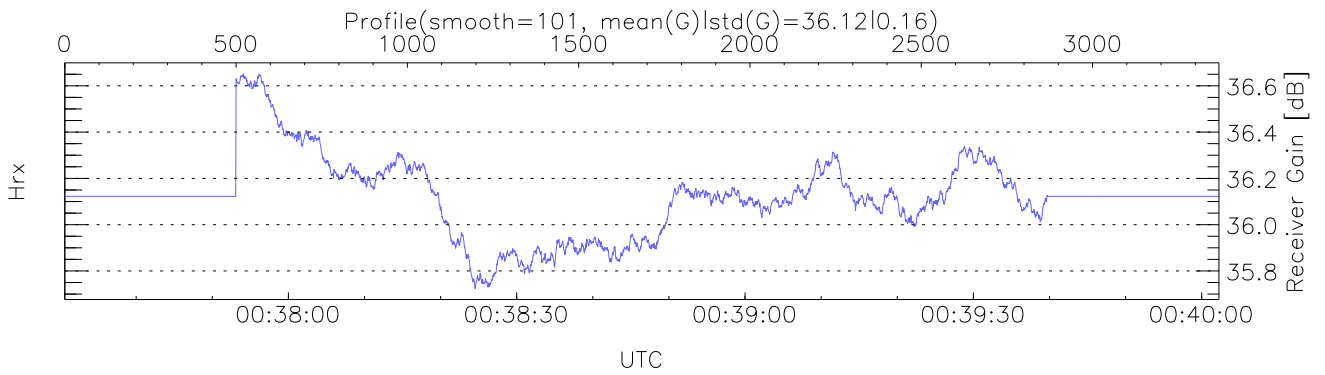
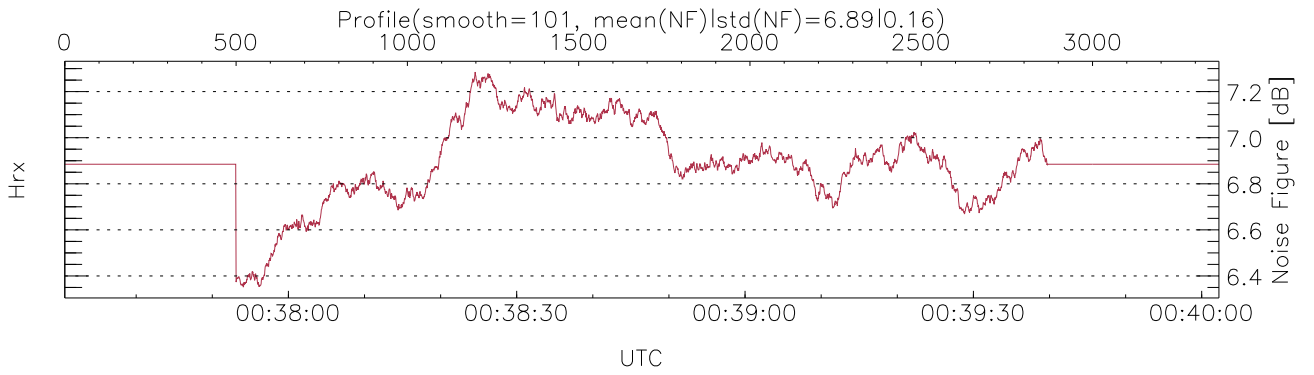
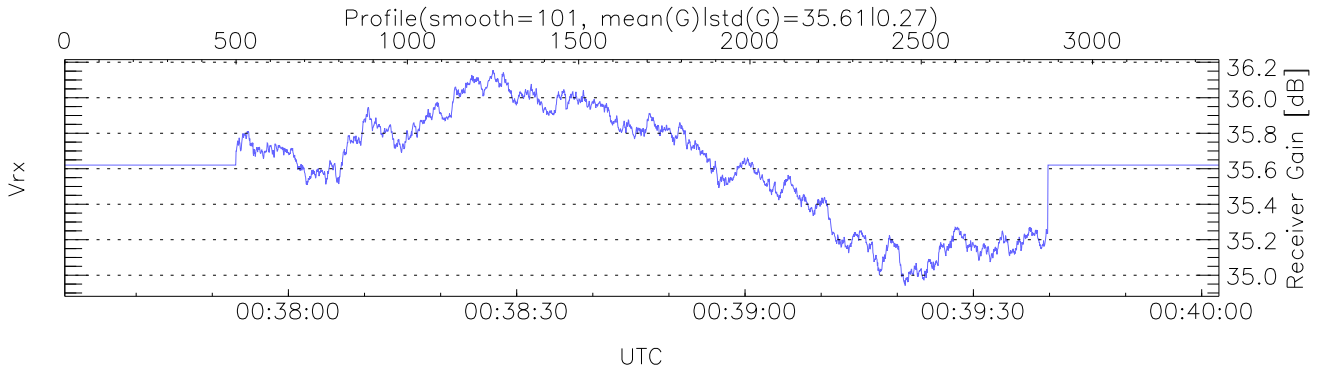
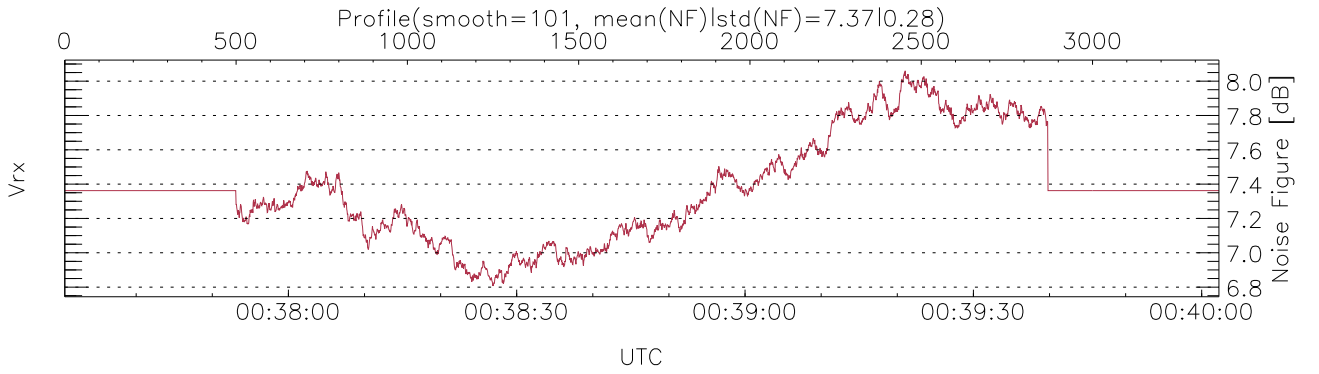
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:37:31-00:40:02, TimeCor: 0.00s, Dur: 151.64s
 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): 3370/3370, 0-3369/00:37:31-00:40:02
 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 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



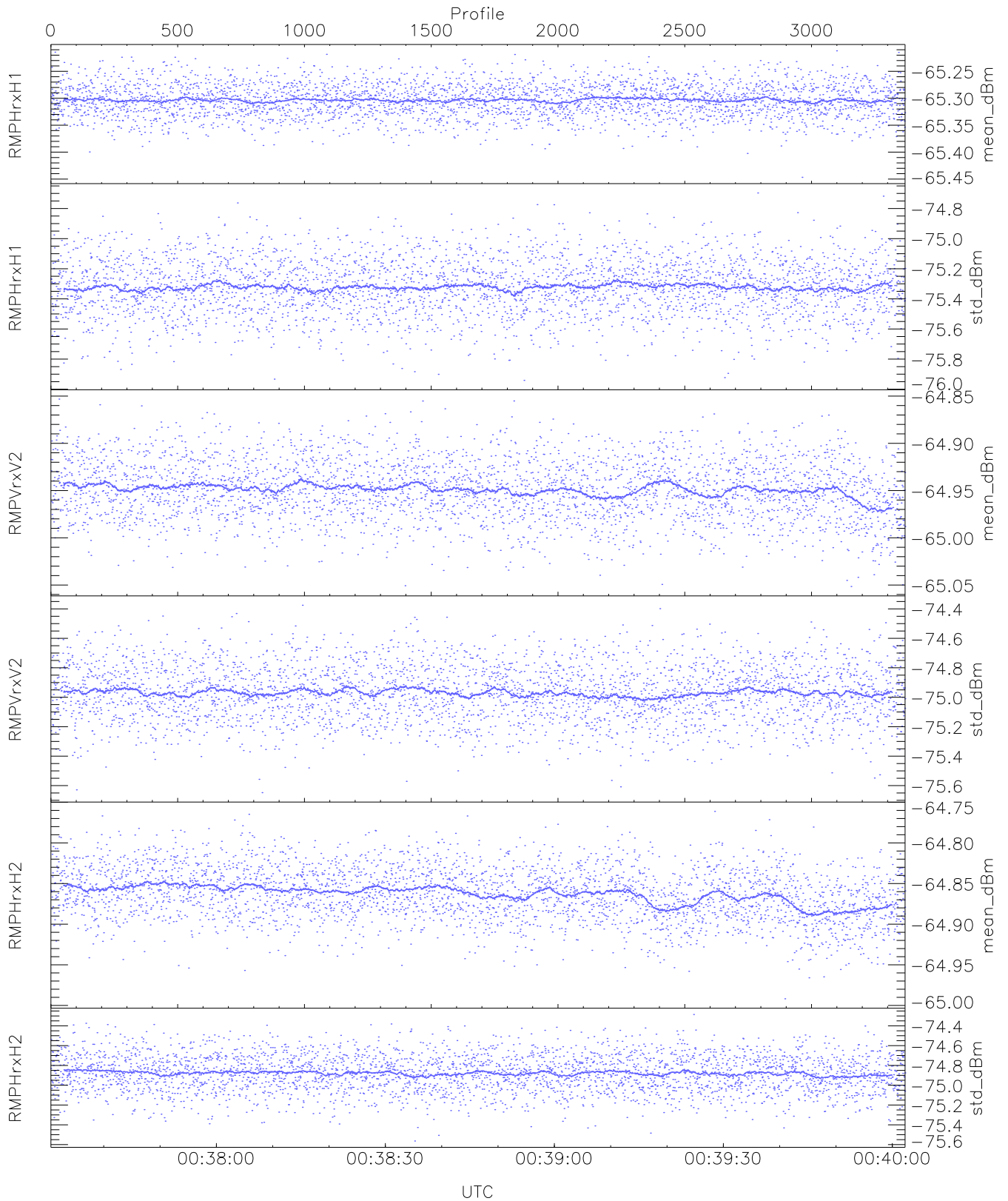
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,24,25
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



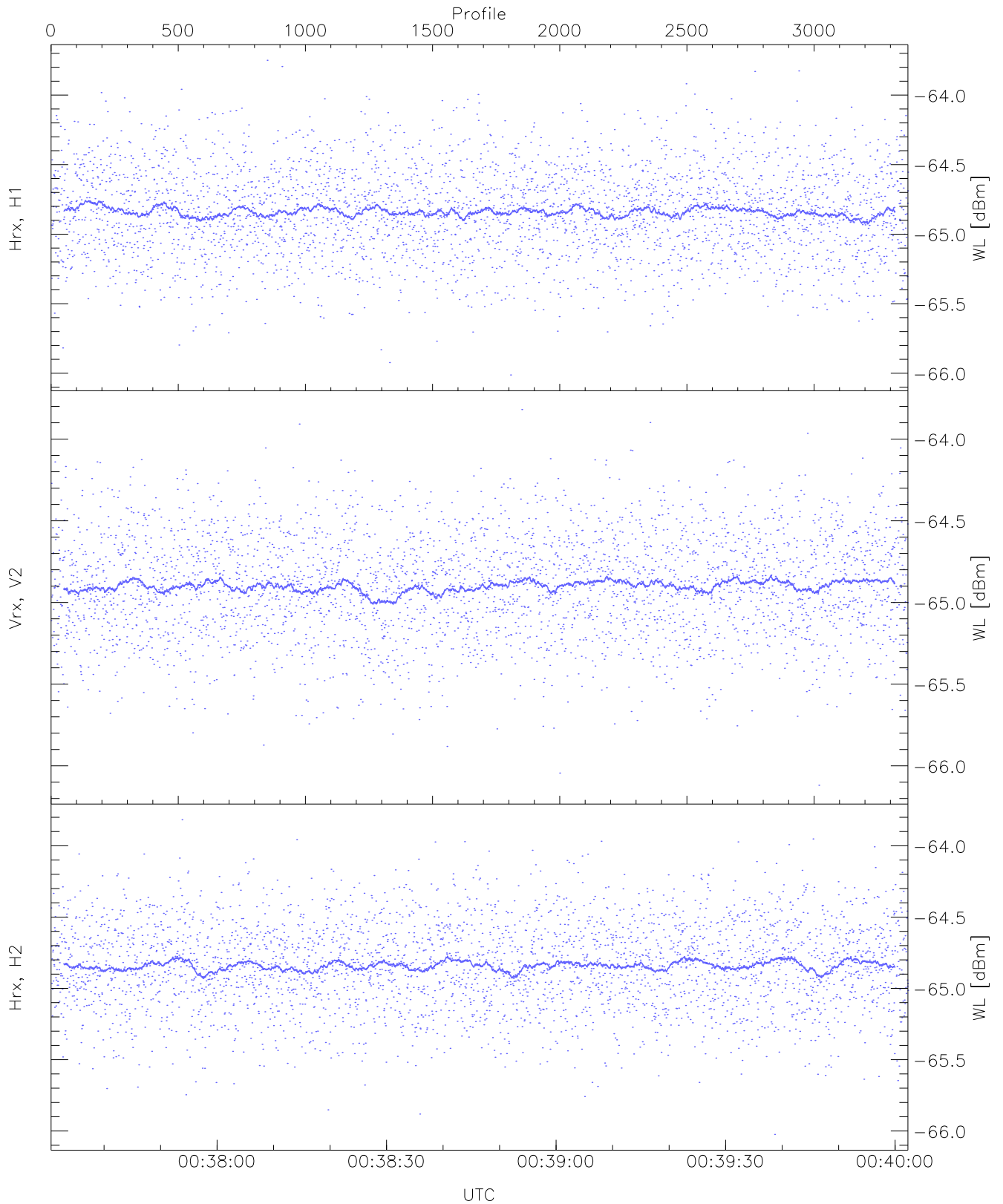
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



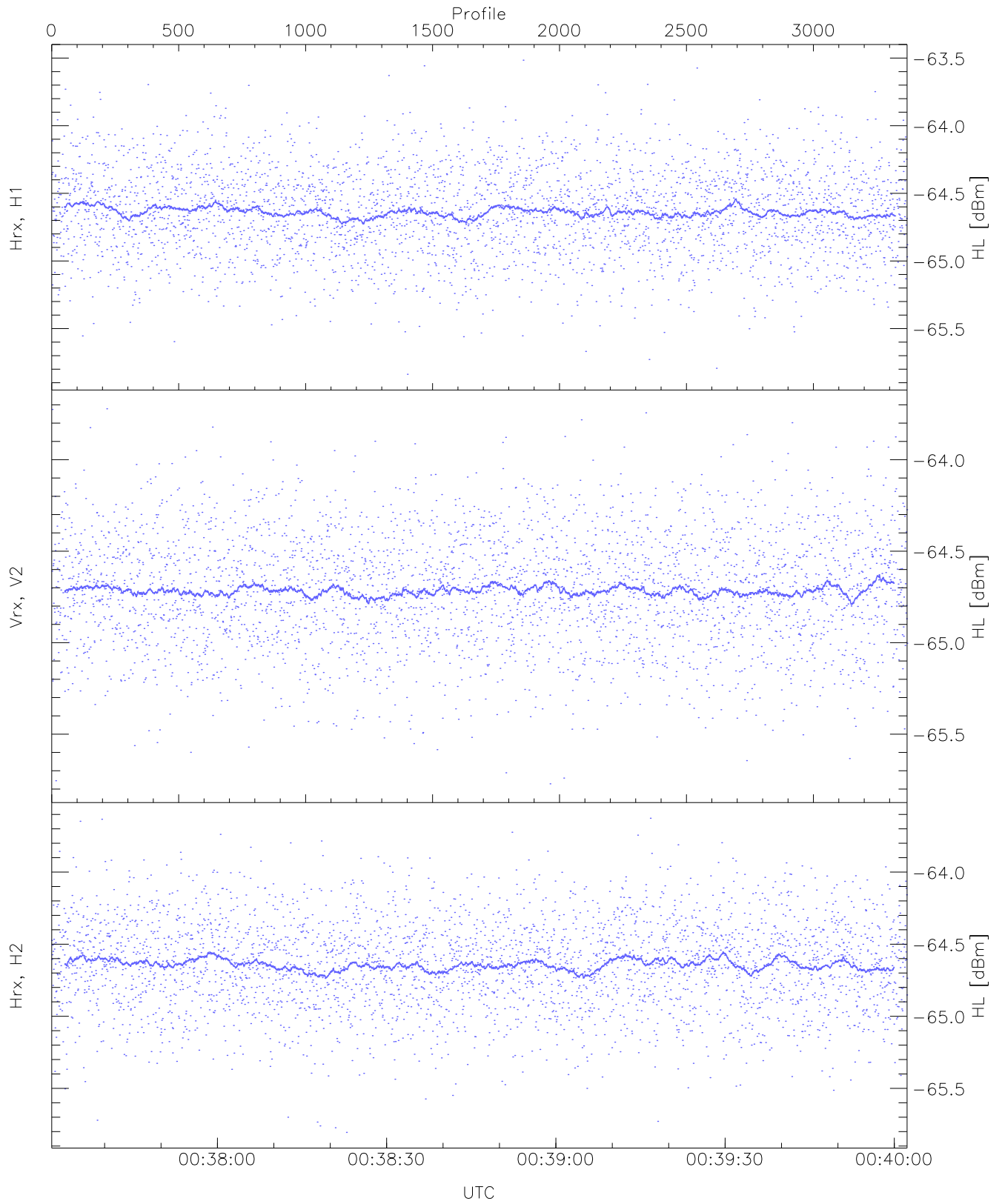
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.45	-65.21	-65.30	-65.30	-87.00
RMPHrxH1(std_dBm)	-75.94	-74.70	-75.32	-75.32	-89.20
RMPVrxV2(mean_dBm)	-65.05	-64.85	-64.95	-64.95	-86.49
RMPVrxV2(std_dBm)	-75.65	-74.38	-74.97	-74.97	-88.74
RMPHrxH2(mean_dBm)	-64.99	-64.76	-64.86	-64.86	-86.26
RMPHrxH2(std_dBm)	-75.56	-74.29	-74.88	-74.88	-88.69



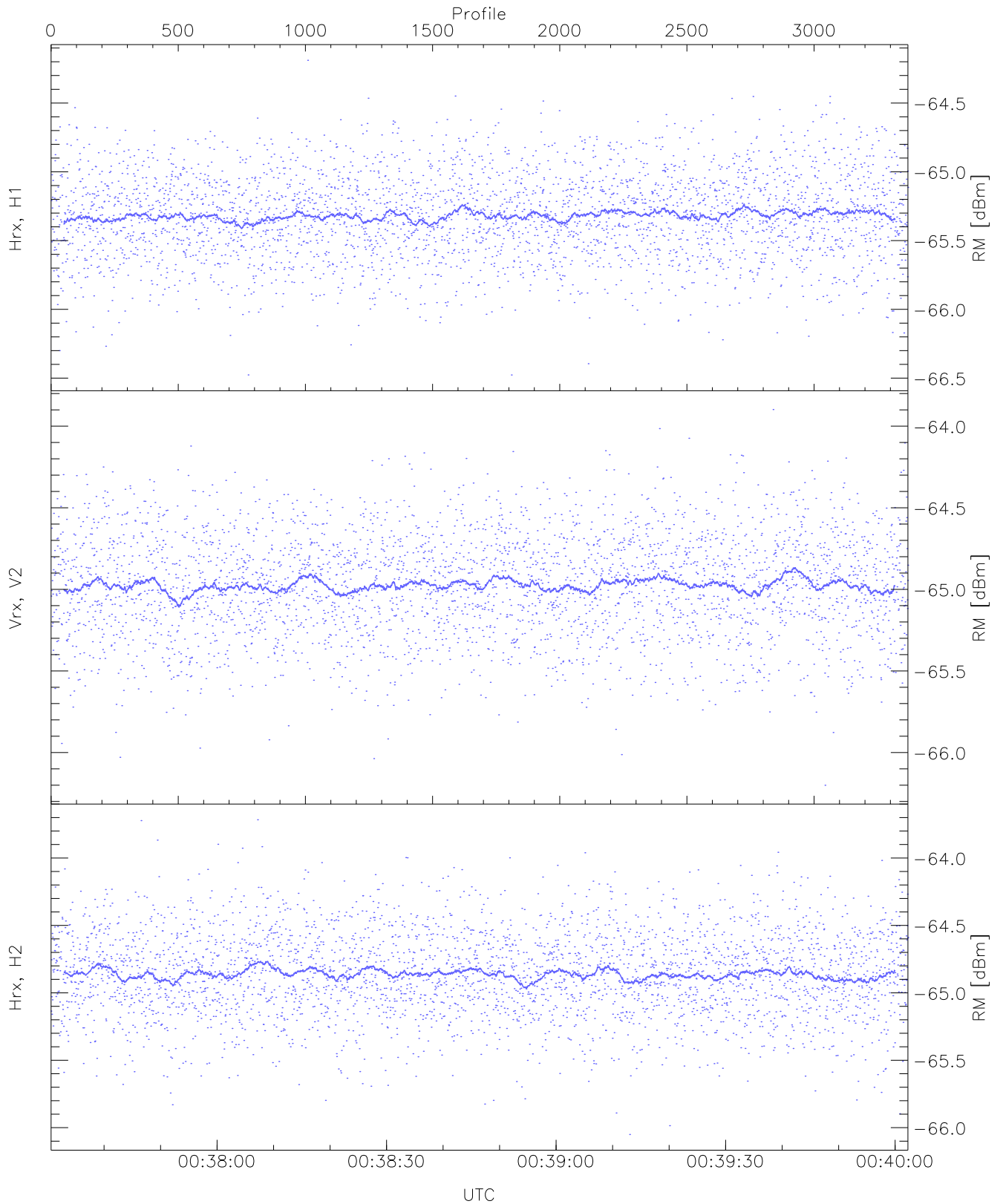
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.01	-63.75	-64.83	-64.84	-76.30
Vrx, V2 (WL [dBm])	-66.12	-63.82	-64.89	-64.90	-76.42
Hrx, H2 (WL [dBm])	-66.02	-63.82	-64.83	-64.84	-76.49



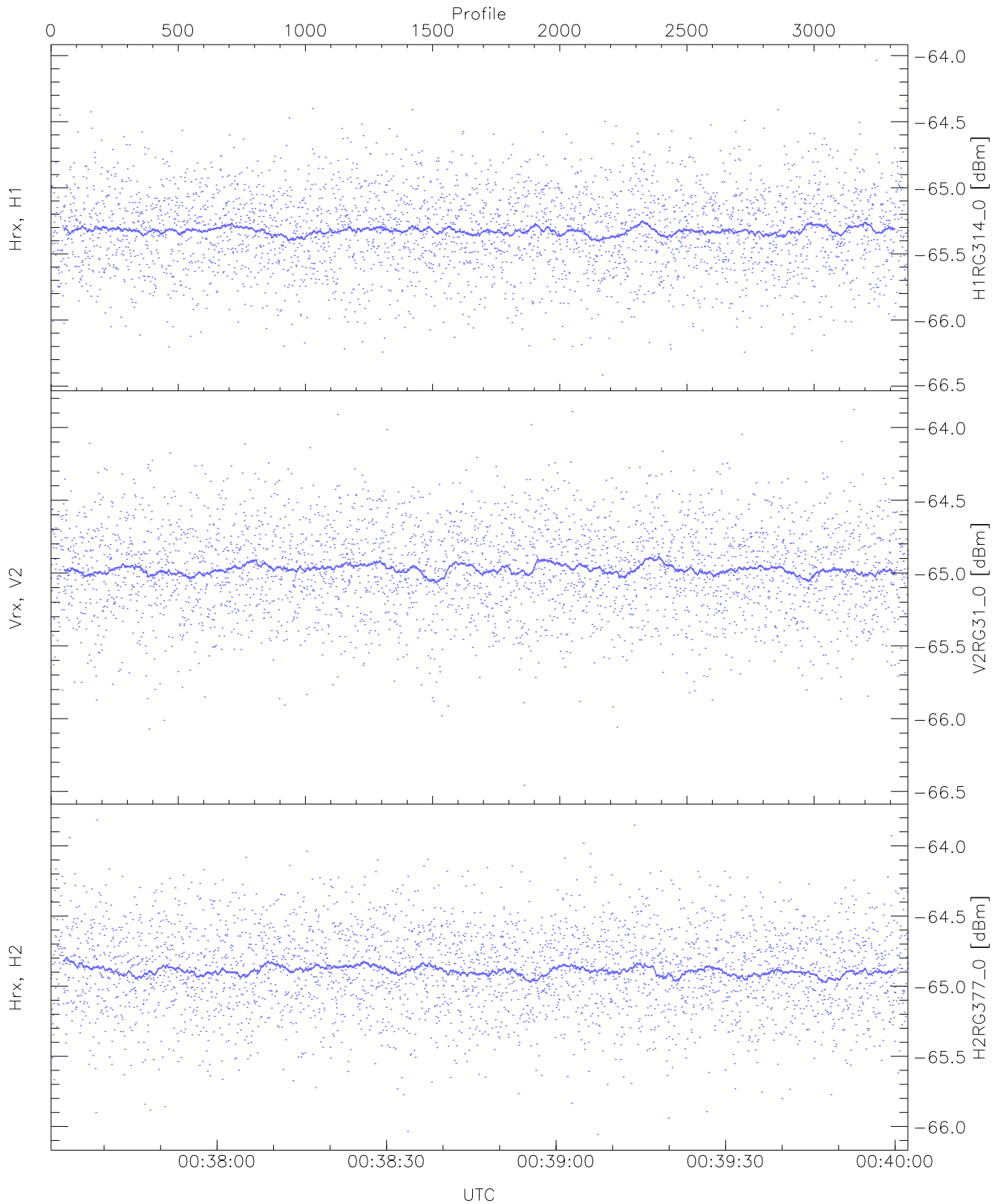
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.84	-63.52	-64.63	-64.64	-76.10
Vrx, V2 (HL [dBm])	-65.77	-63.72	-64.71	-64.71	-76.30
Hrx, H2 (HL [dBm])	-65.81	-63.63	-64.63	-64.63	-76.16



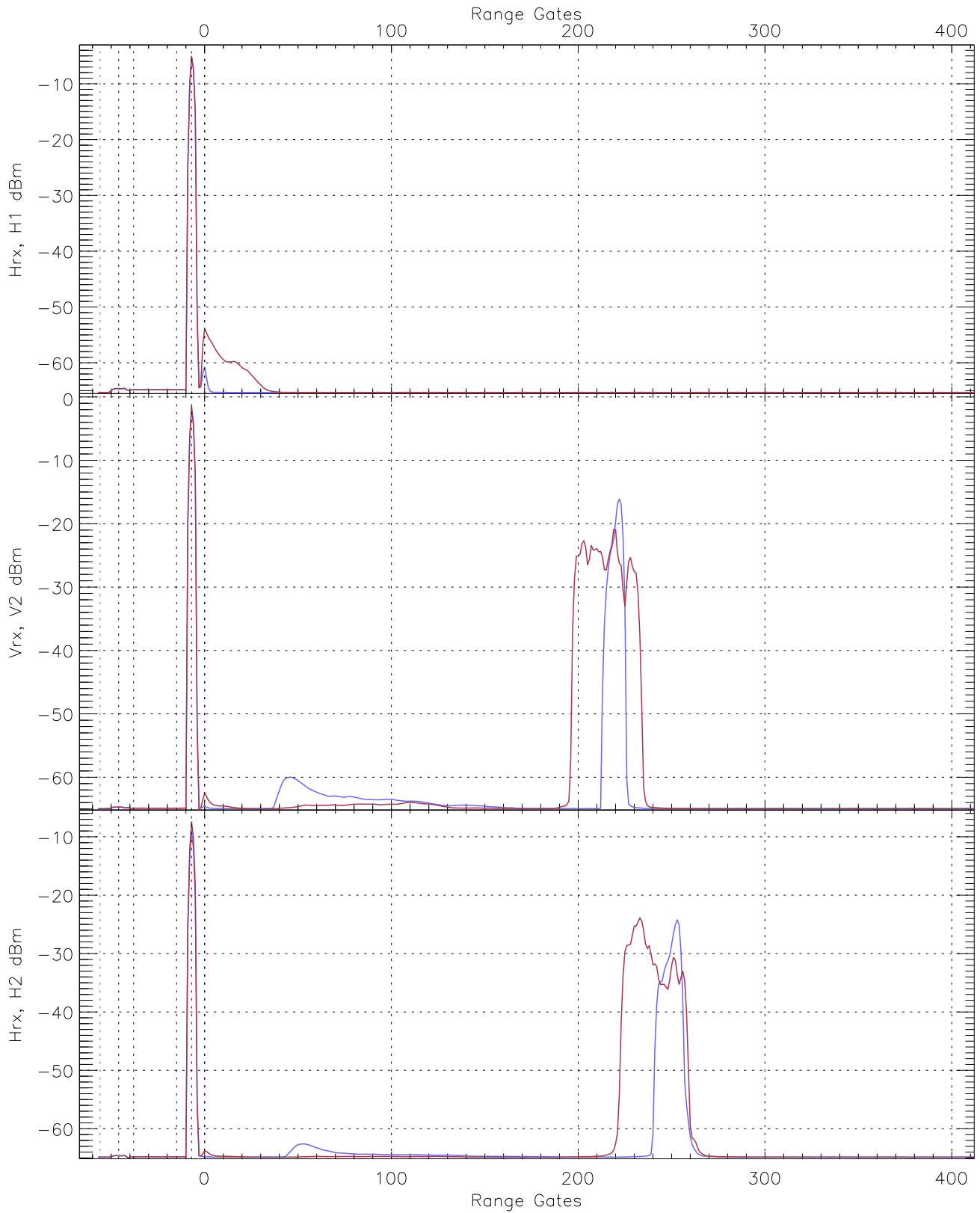
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.48	-64.19	-65.31	-65.32	-76.89
Vrx, V2 (RM [dBm])	-66.20	-63.90	-64.97	-64.97	-76.49
Hrx, H2 (RM [dBm])	-66.05	-63.72	-64.85	-64.86	-76.34

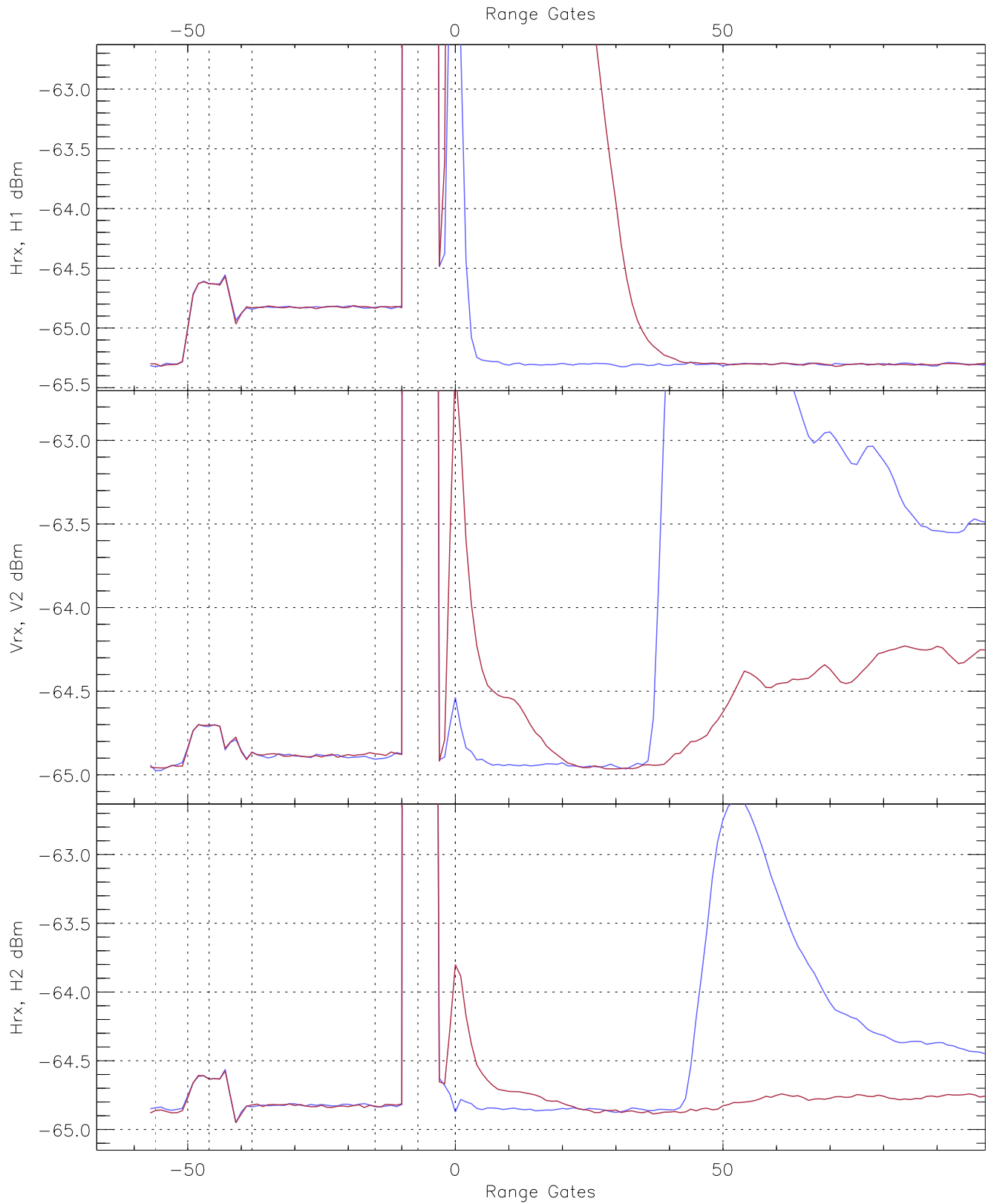


WCR3 CPP "Best" estimate Receivers Noise Power

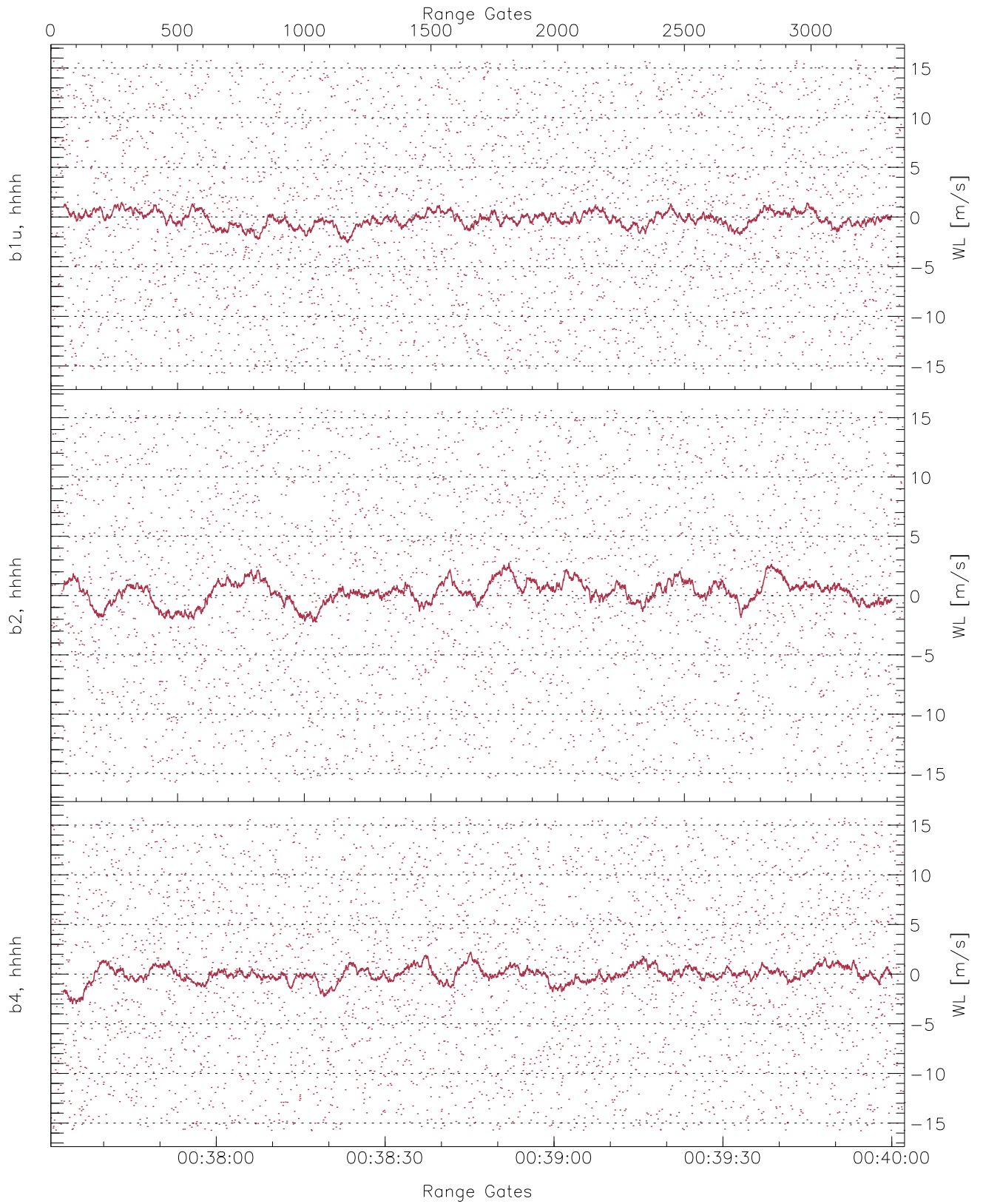
	Min	Max	Mean	Median	StDev
H1RG314_0 [dBm]	-66.42	-64.04	-65.32	-65.32	-76.83
V2RG31_0 [dBm]	-66.46	-63.88	-64.97	-64.98	-76.48
H2RG377_0 [dBm]	-66.06	-63.81	-64.88	-64.88	-76.50



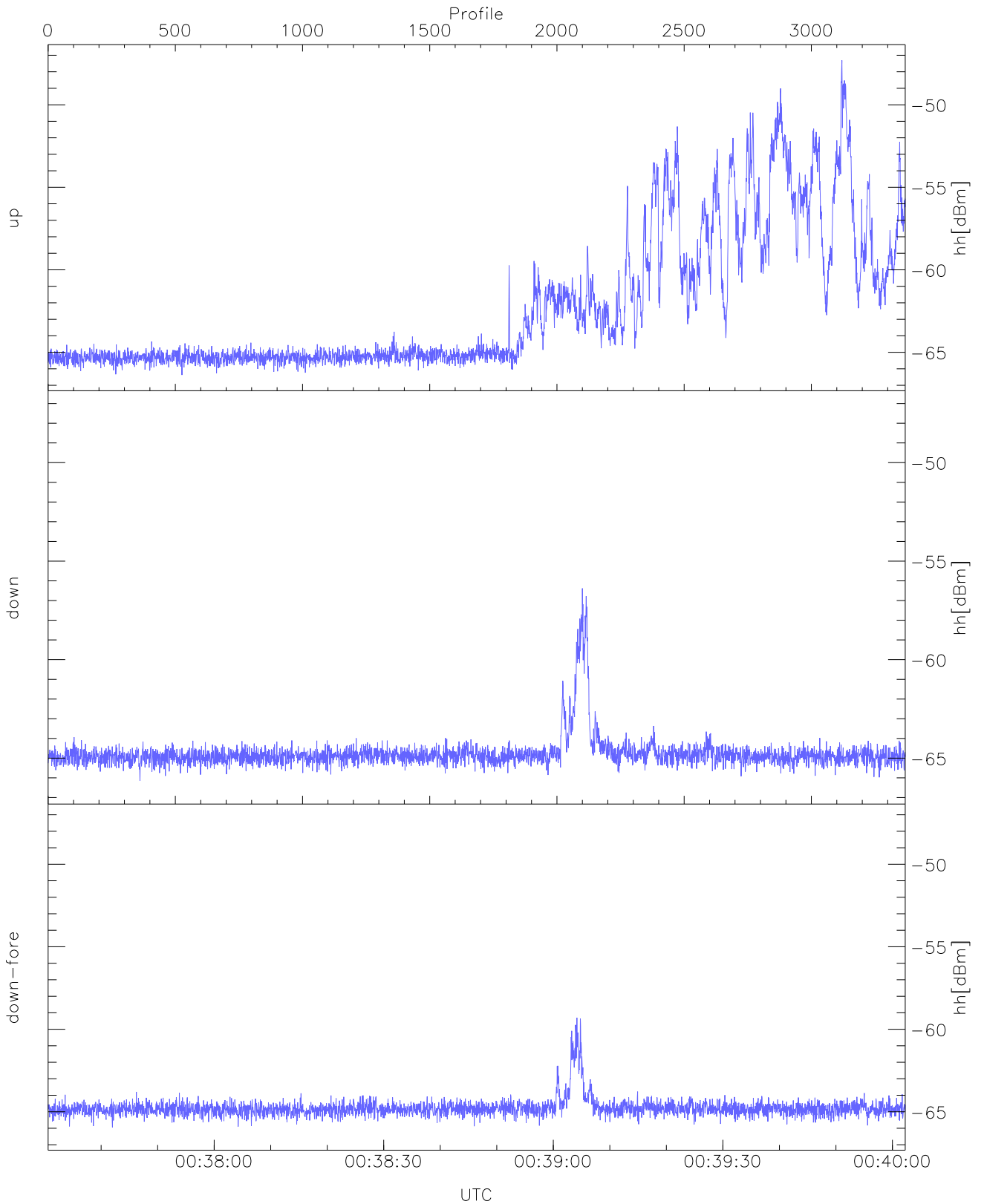
WCR3 CPP Averaged Received power for all recorded gates
blue: 003731-003846, 1686 profiles averaged
red: 003846-004002, 1685 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 003731-003846, 1686 profiles averaged
red: 003846-004002, 1685 profiles averaged

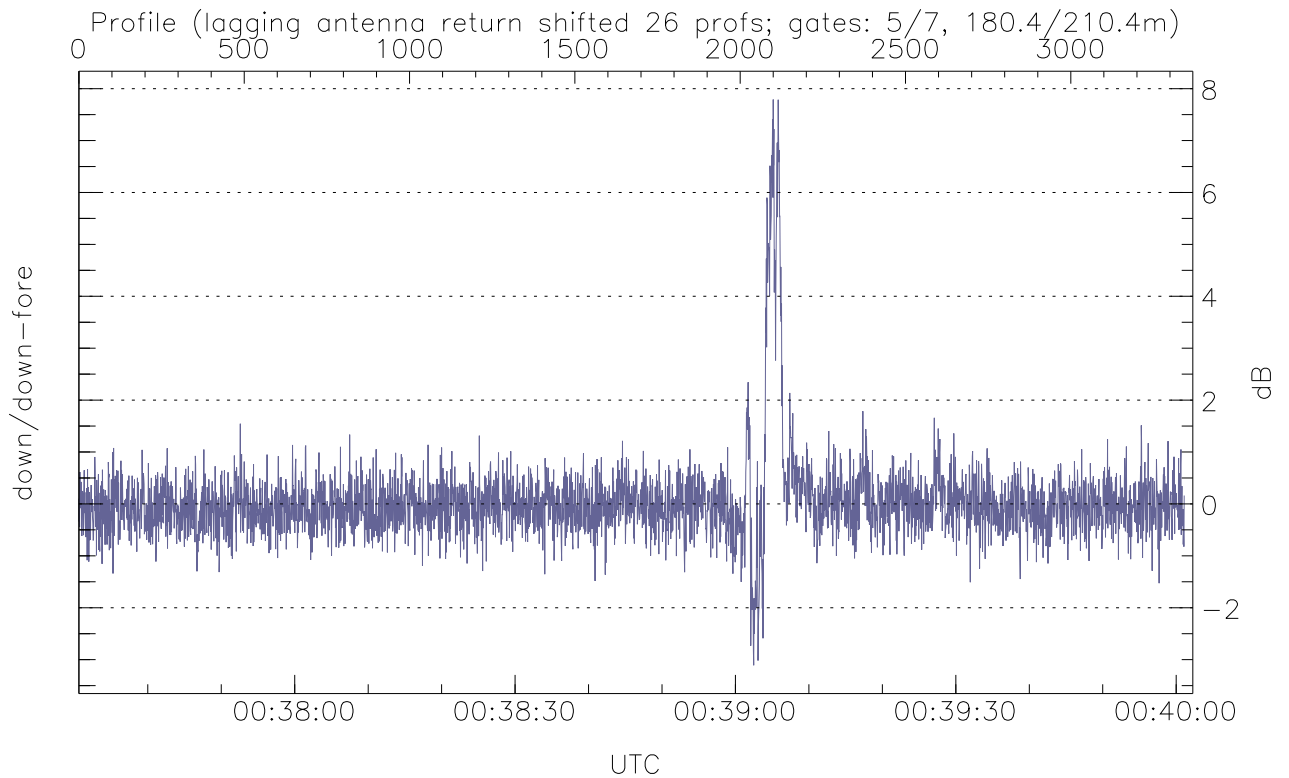
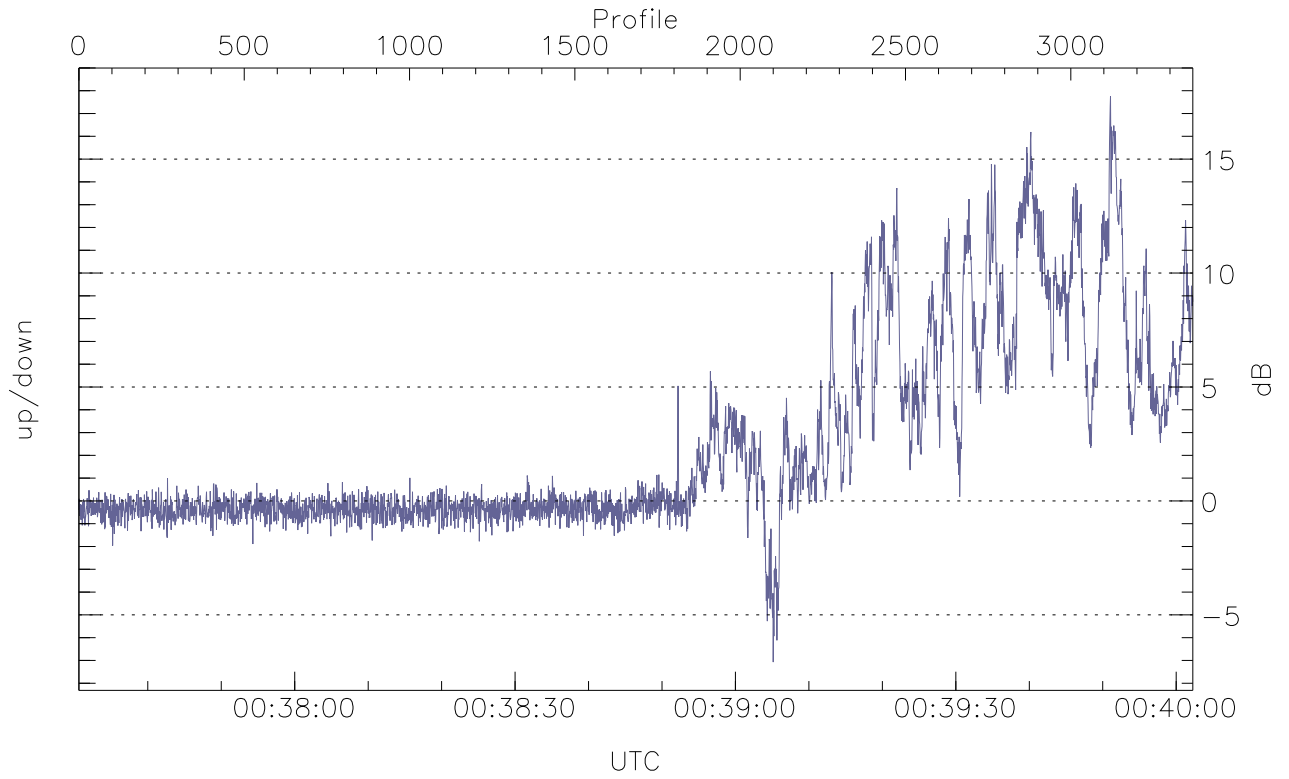


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



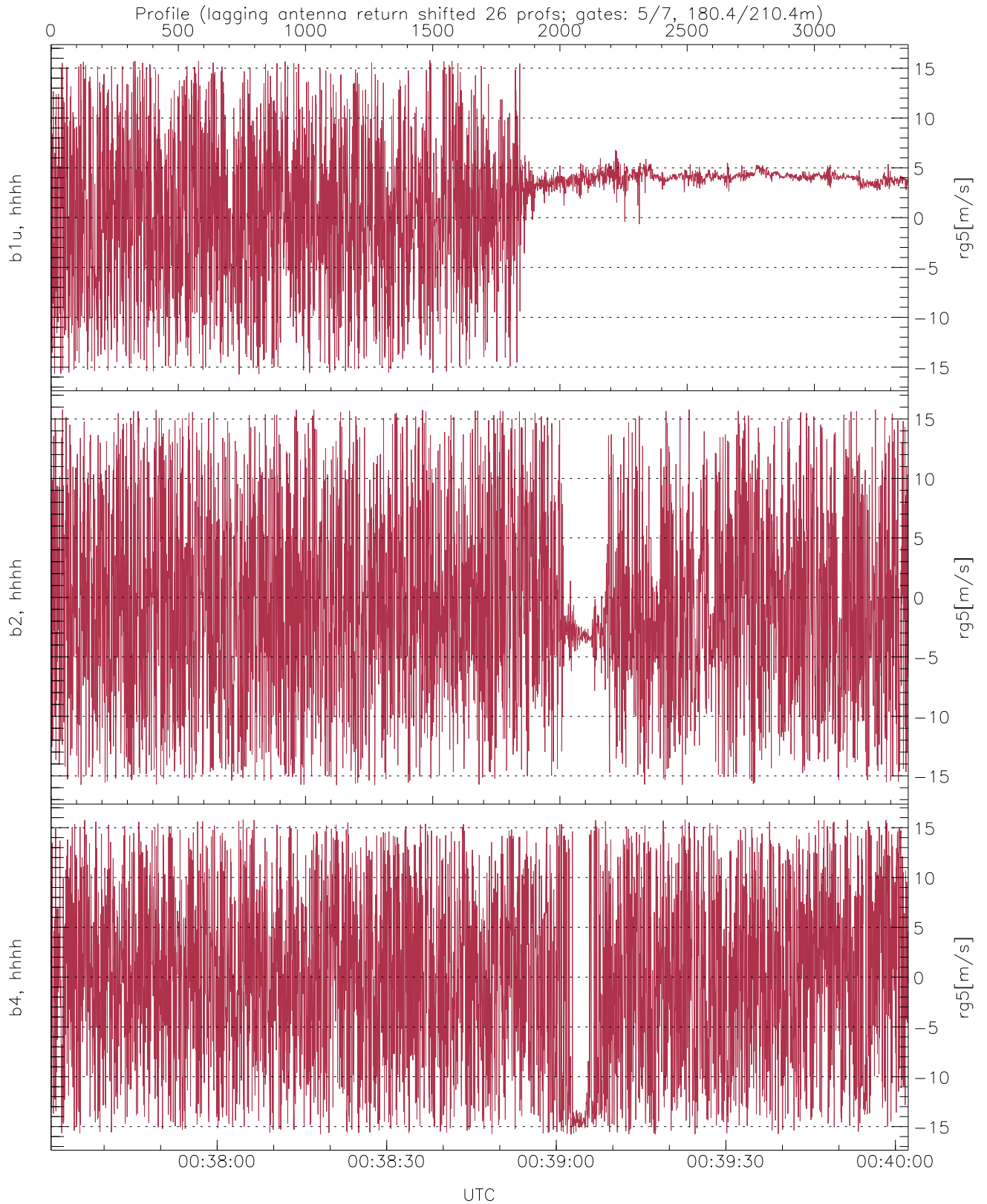
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.38	-47.31	-59.49
down(hh[dBm])	-66.14	-56.38	-64.63
down-fore(hh[dBm])	-65.94	-59.31	-64.72



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

	Min	Max	Mean
up/down (dB)	-7.07	17.76	2.54
down/down-fore (dB)	-3.11	7.79	0.04



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.74	15.79	1.79	6.39
b2, hhhh(rg5[m/s])	-15.77	15.79	-0.69	8.10
b4, hhhh(rg5[m/s])	-15.77	15.79	-0.65	9.07