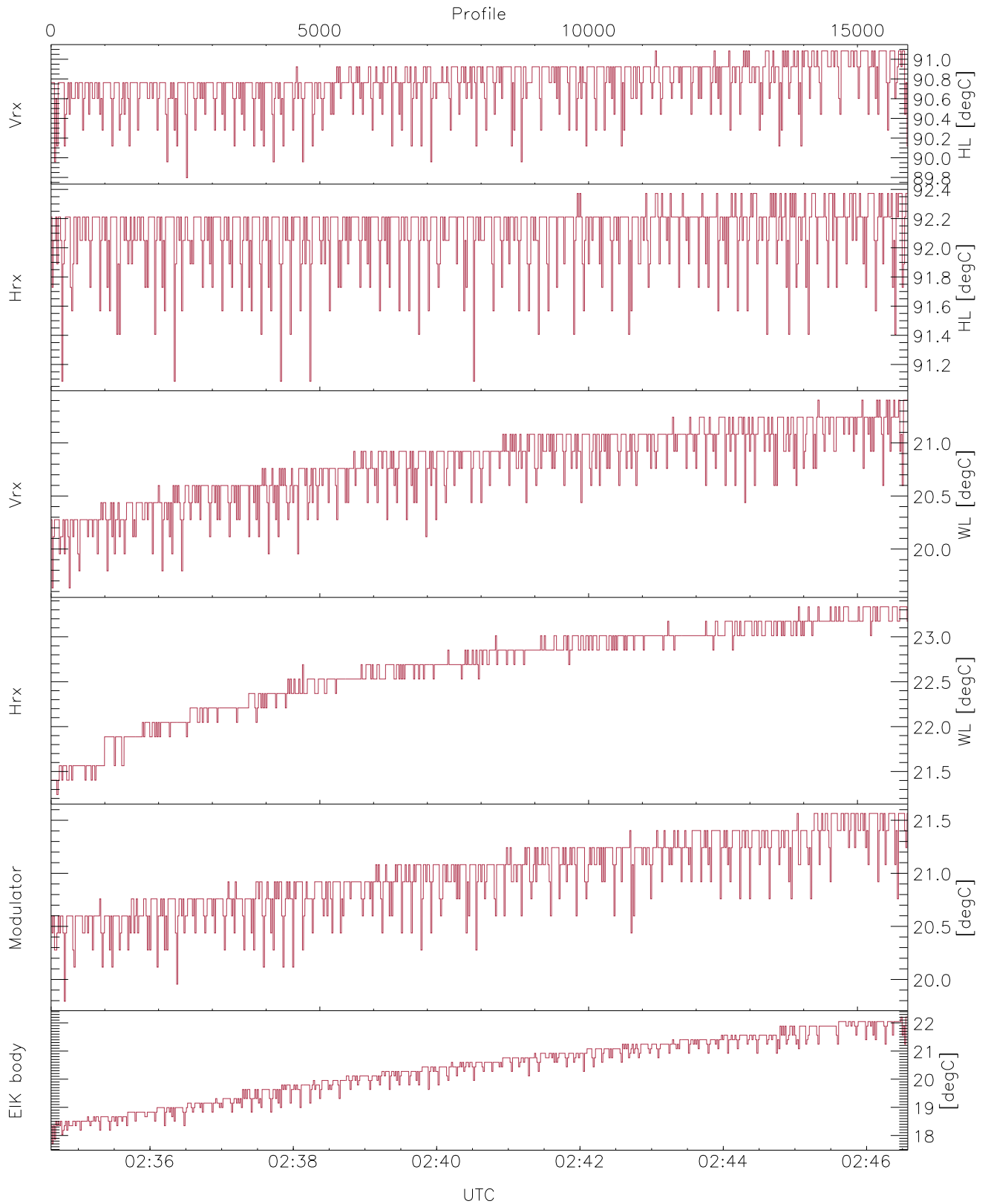


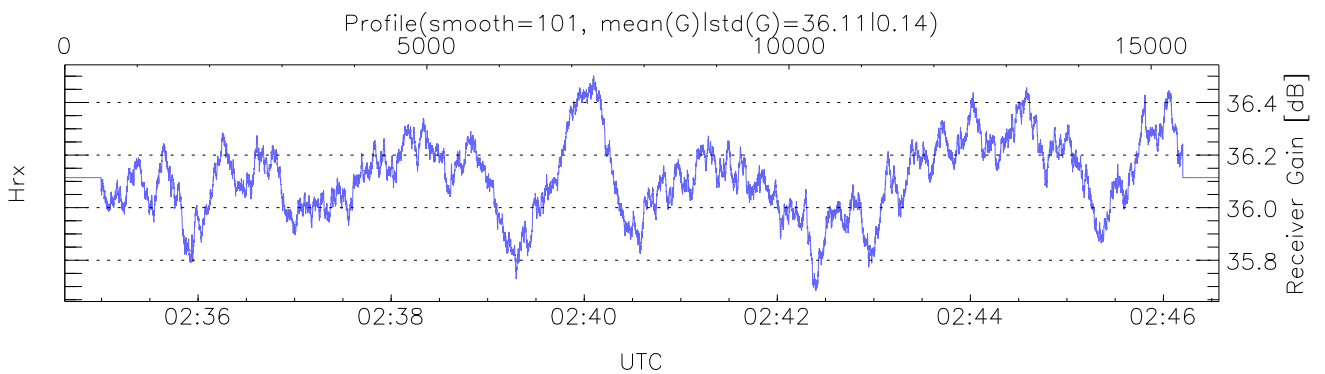
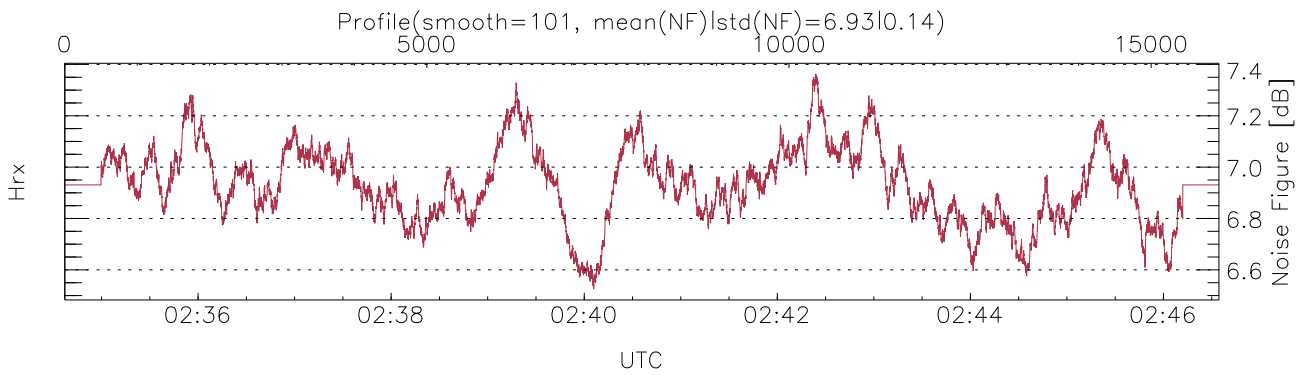
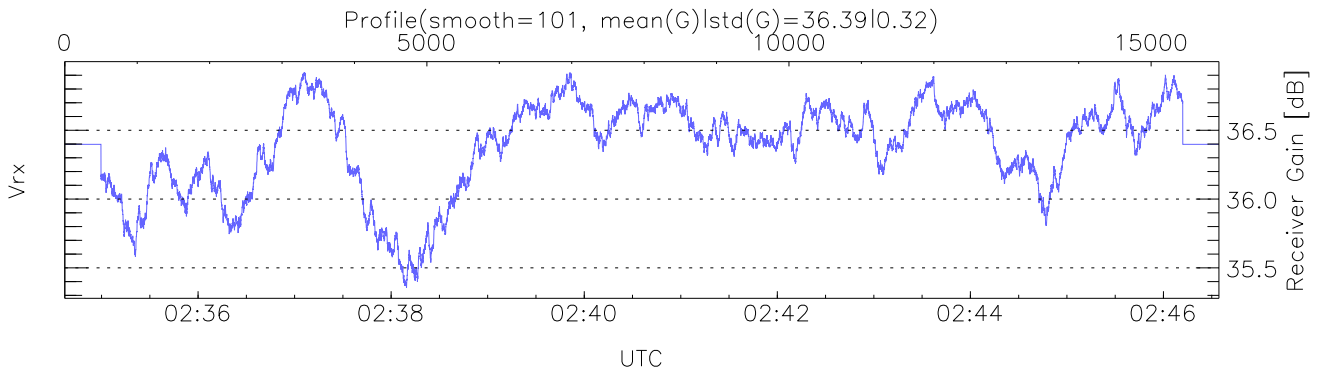
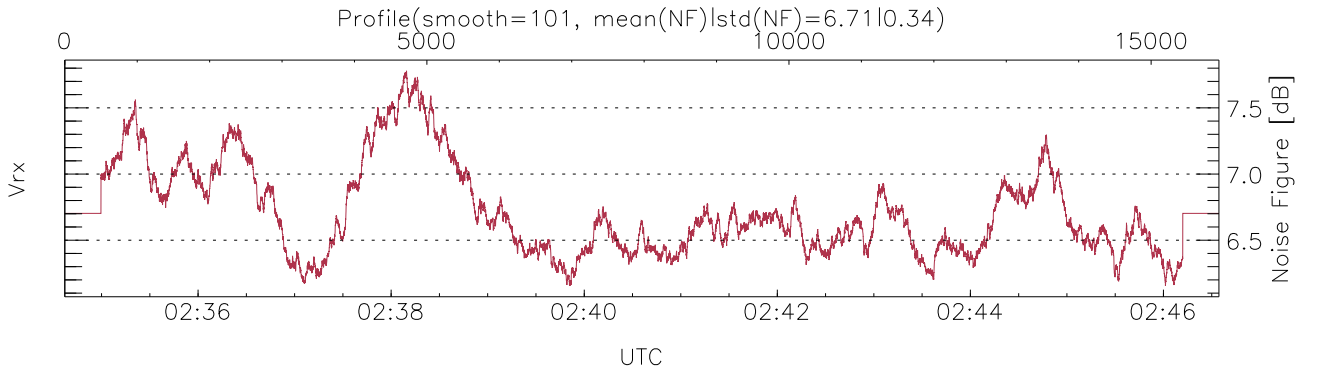
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:34:37-02:46:34, TimeCor: 0.00s, Dur: 717.34s
 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): 15938/15938, 0-15937/02:34:37-02:46:34
 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



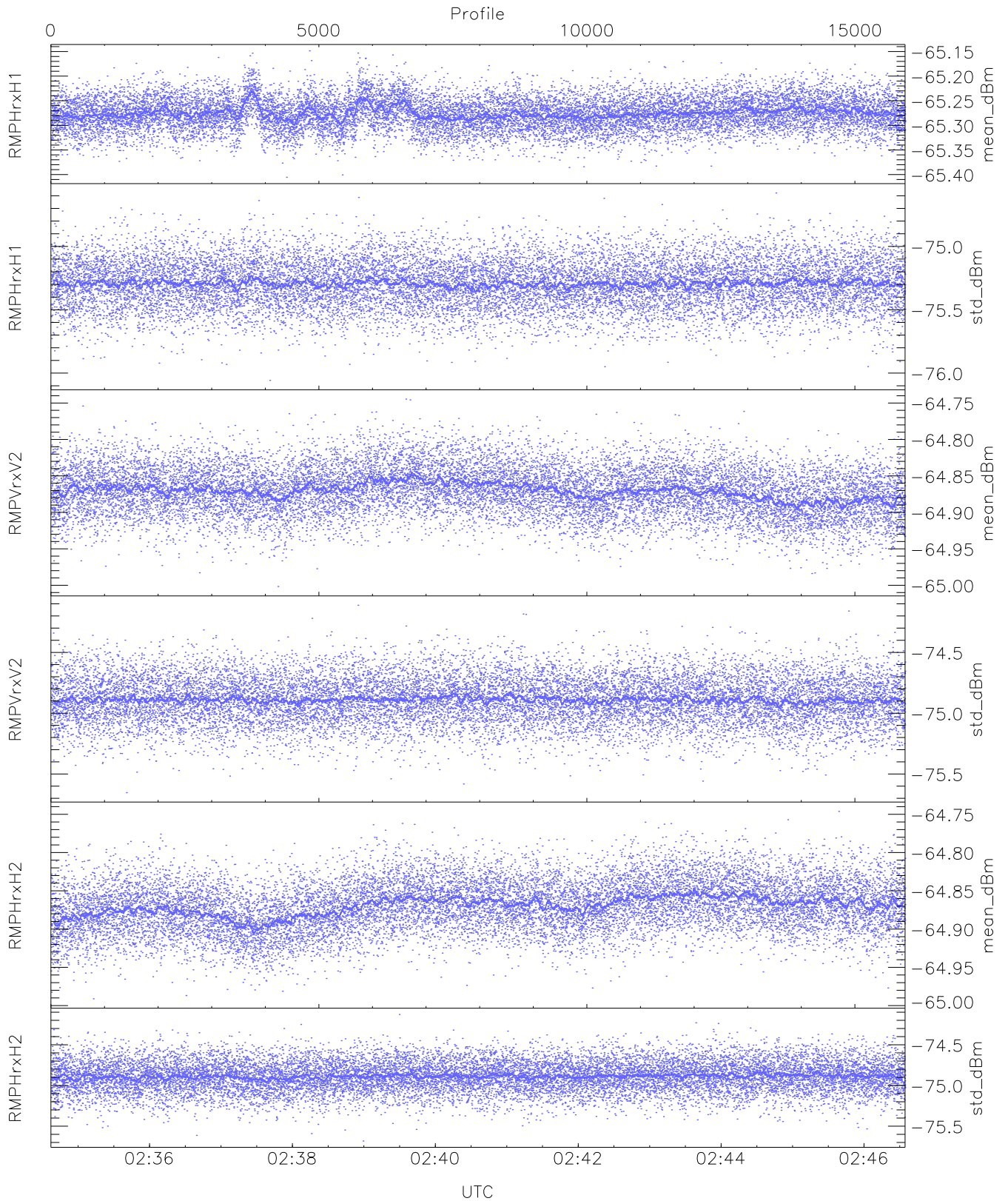
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,19,21,19,17
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,21,22
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



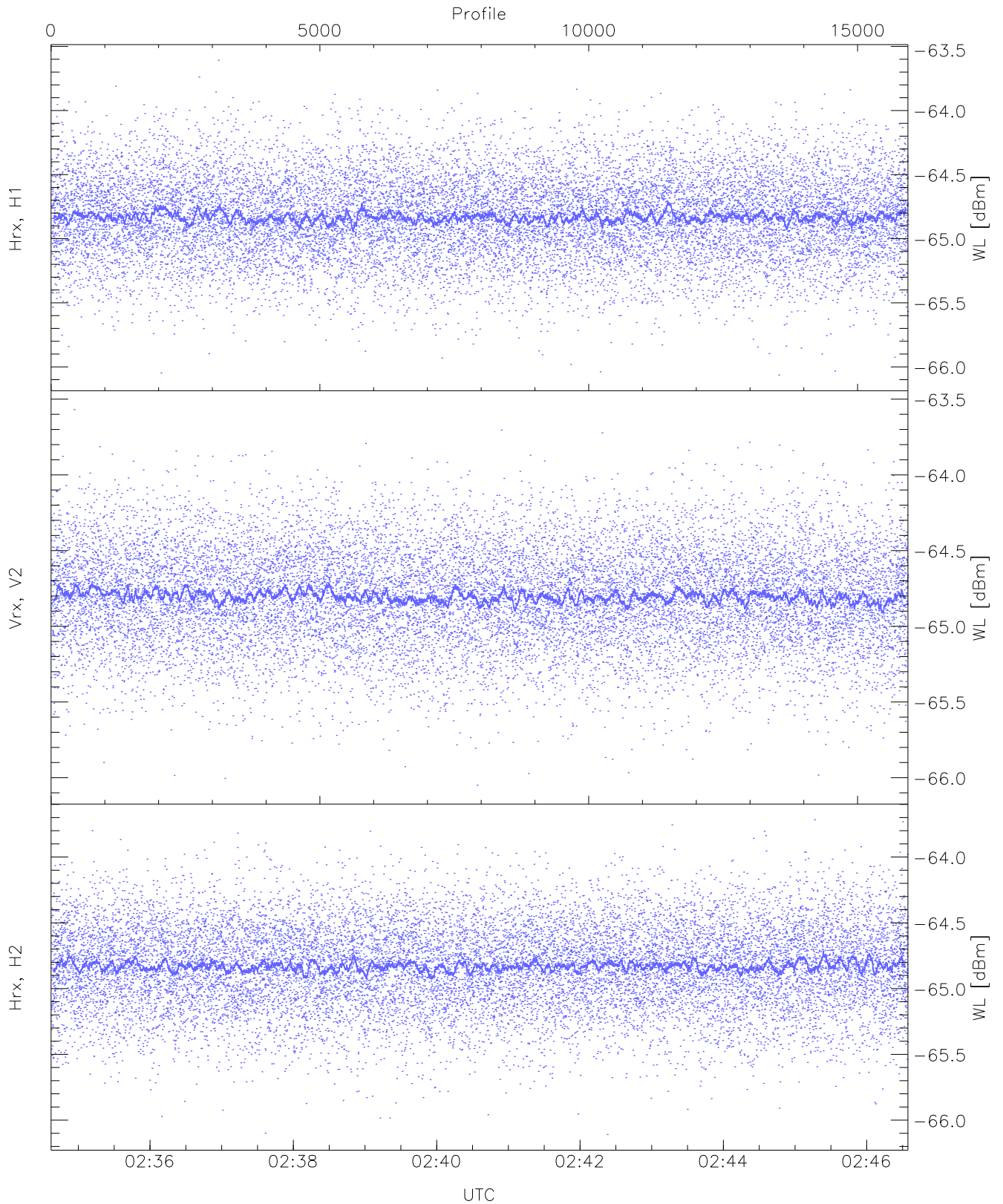
WCR3 CPP Receivers Gain and Noise Figure

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



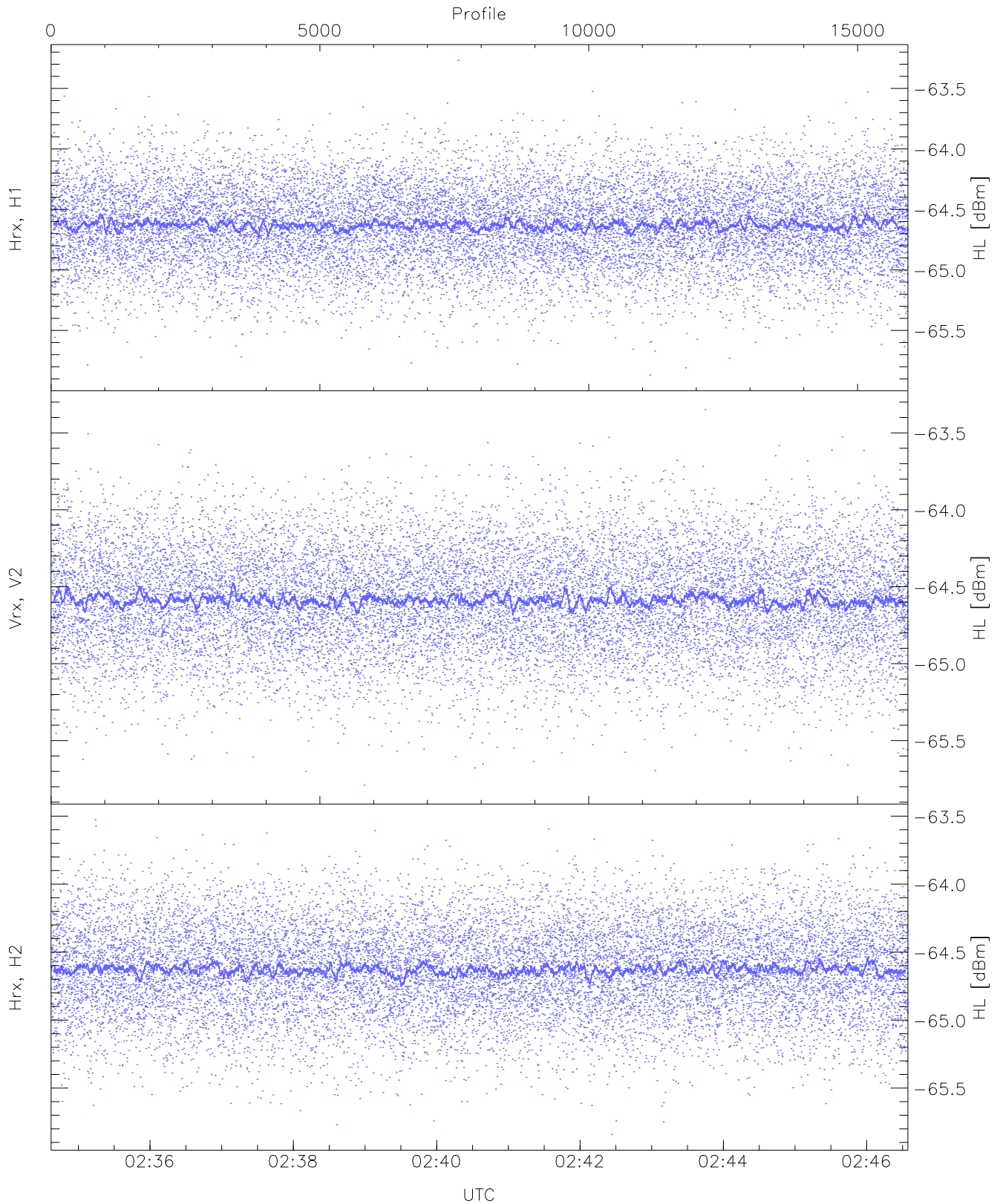
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.15	-65.28	-65.28	-86.68
RMPHrxH1(std_dBm)	-76.06	-74.58	-75.29	-75.29	-89.09
RMPVrxV2(mean_dBm)	-65.00	-64.74	-64.87	-64.87	-86.25
RMPVrxV2(std_dBm)	-75.65	-74.11	-74.89	-74.89	-88.67
RMPHrxH2(mean_dBm)	-64.99	-64.75	-64.87	-64.87	-86.24
RMPHrxH2(std_dBm)	-75.68	-74.13	-74.89	-74.89	-88.68



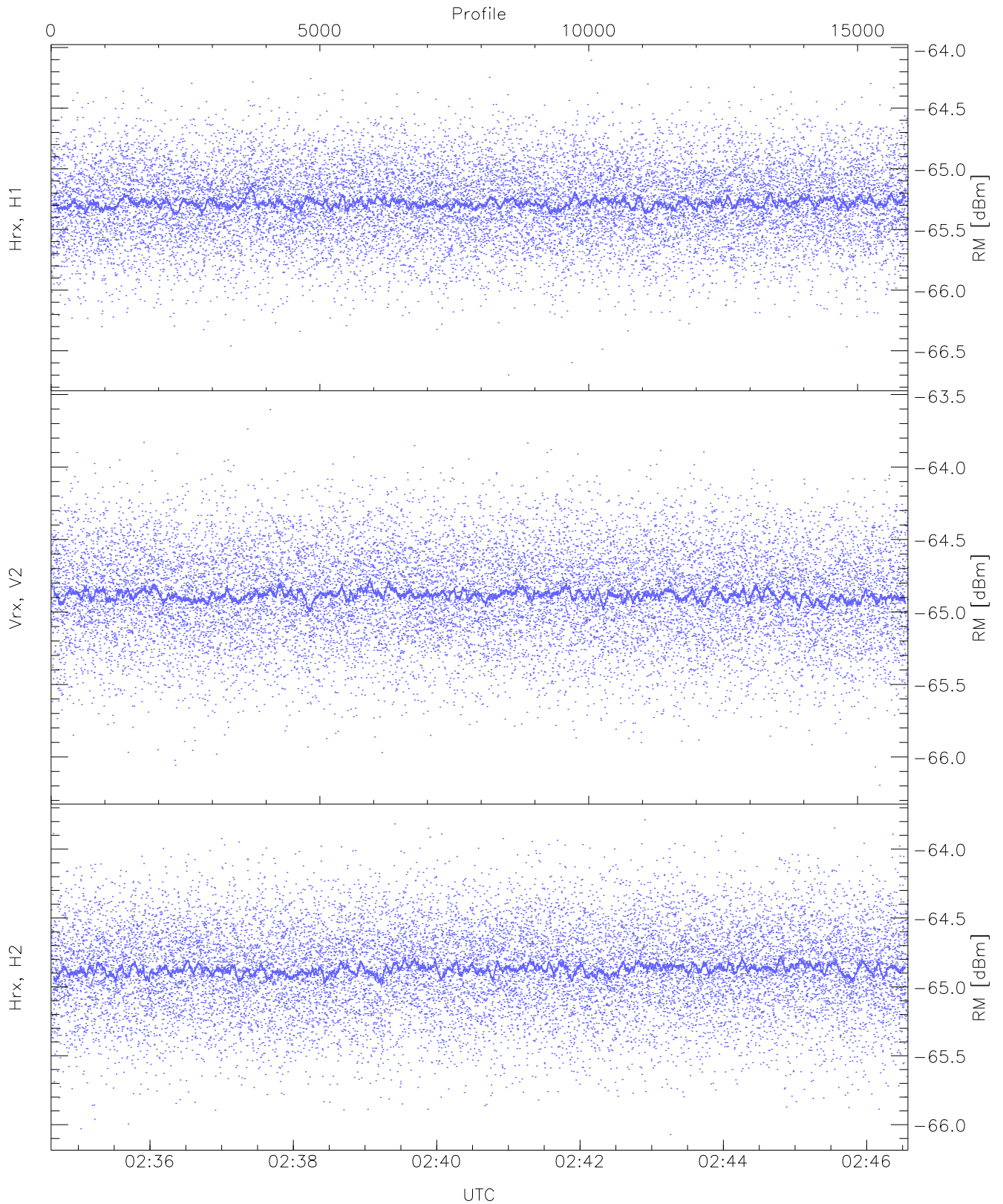
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.06	-63.61	-64.82	-64.83	-76.30
Vrx, V2 (WL [dBm])	-66.05	-63.57	-64.79	-64.80	-76.29
Hrx, H2 (WL [dBm])	-66.11	-63.72	-64.82	-64.82	-76.31



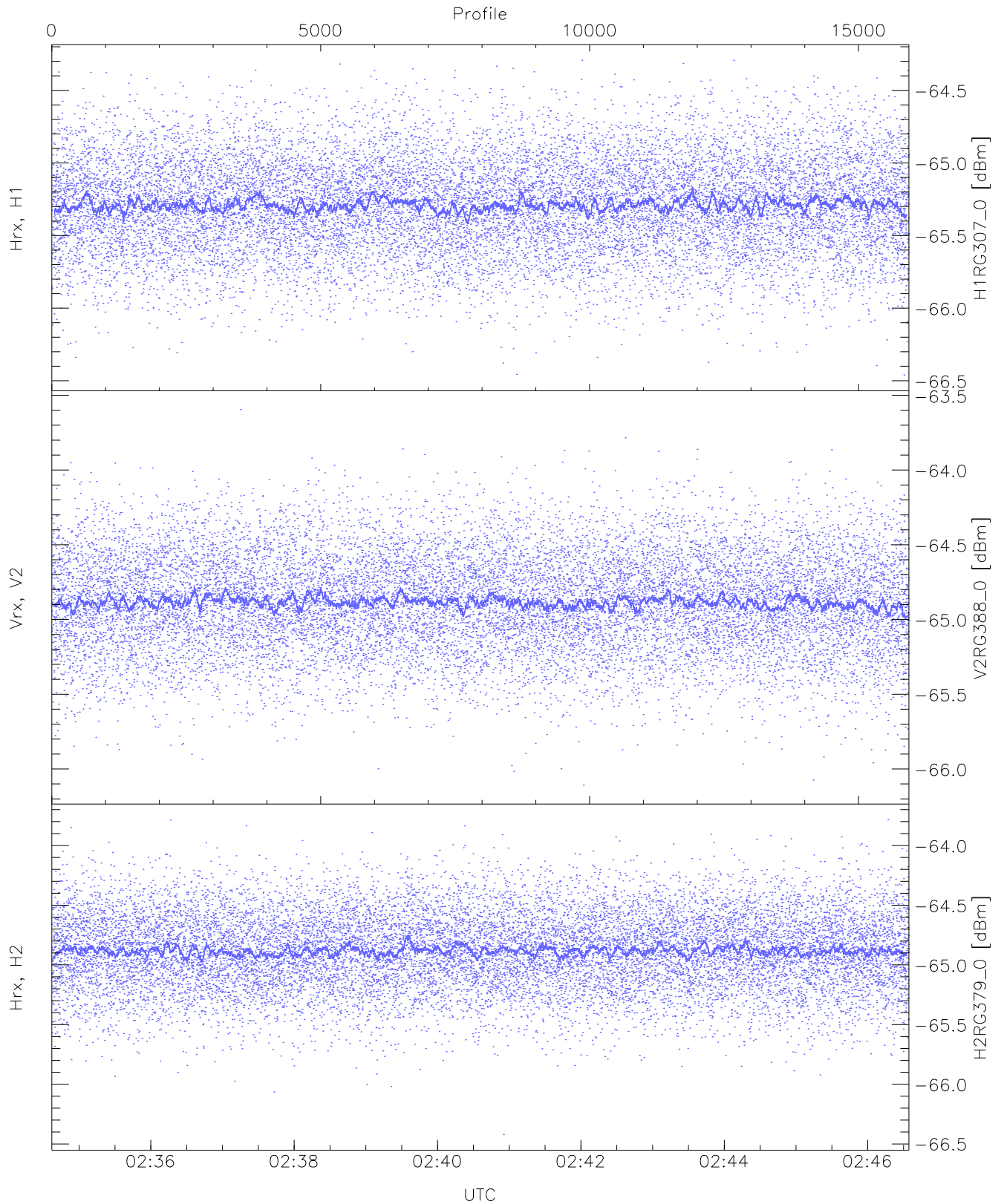
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.87	-63.27	-64.62	-64.63	-76.10
Vrx, V2 (HL [dBm])	-65.79	-63.35	-64.58	-64.59	-76.07
Hrx, H2 (HL [dBm])	-65.84	-63.53	-64.62	-64.63	-76.11



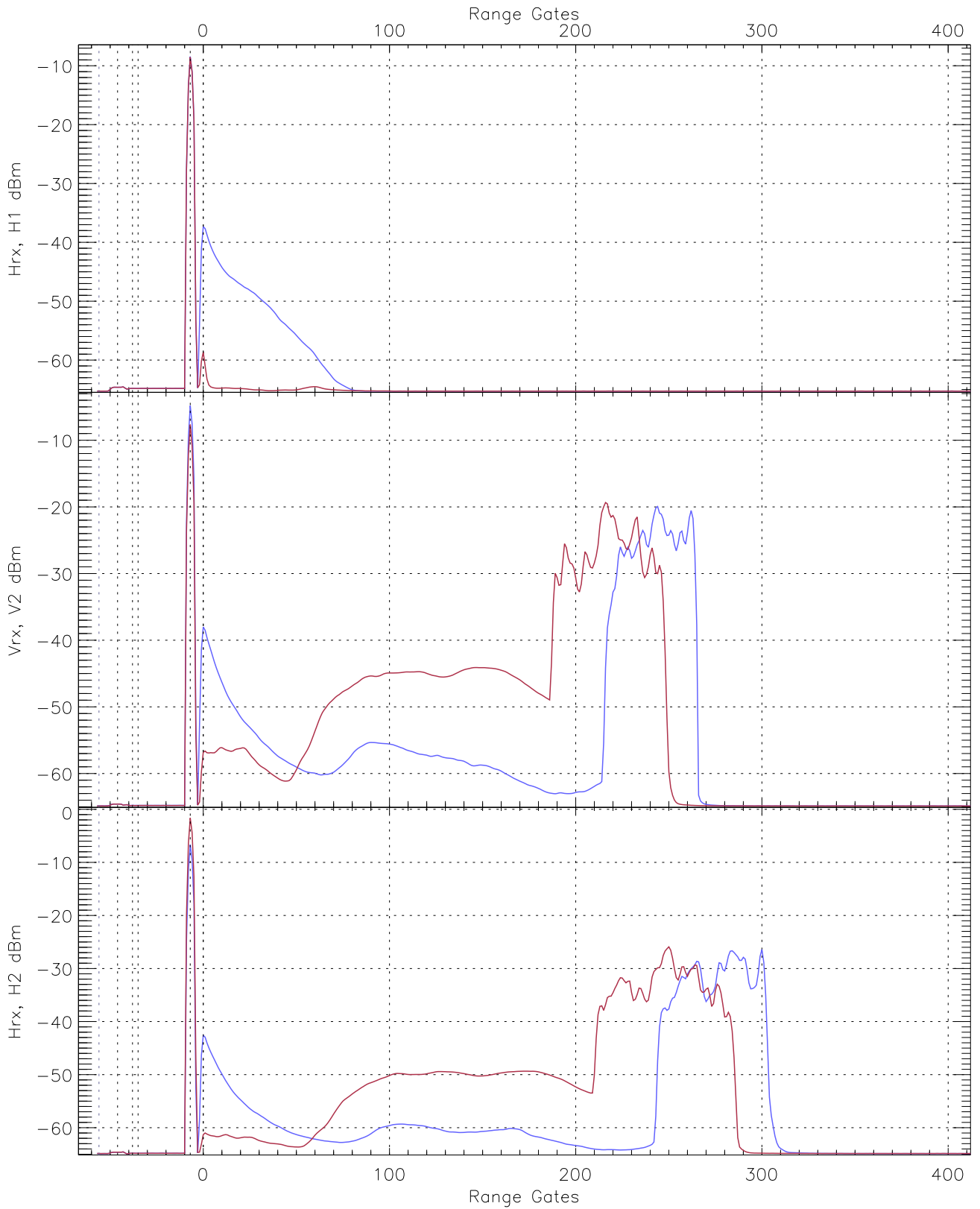
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.70	-64.11	-65.27	-65.28	-76.76
Vrx, V2 (RM [dBm])	-66.20	-63.60	-64.88	-64.88	-76.31
Hrx, H2 (RM [dBm])	-66.07	-63.79	-64.87	-64.87	-76.35

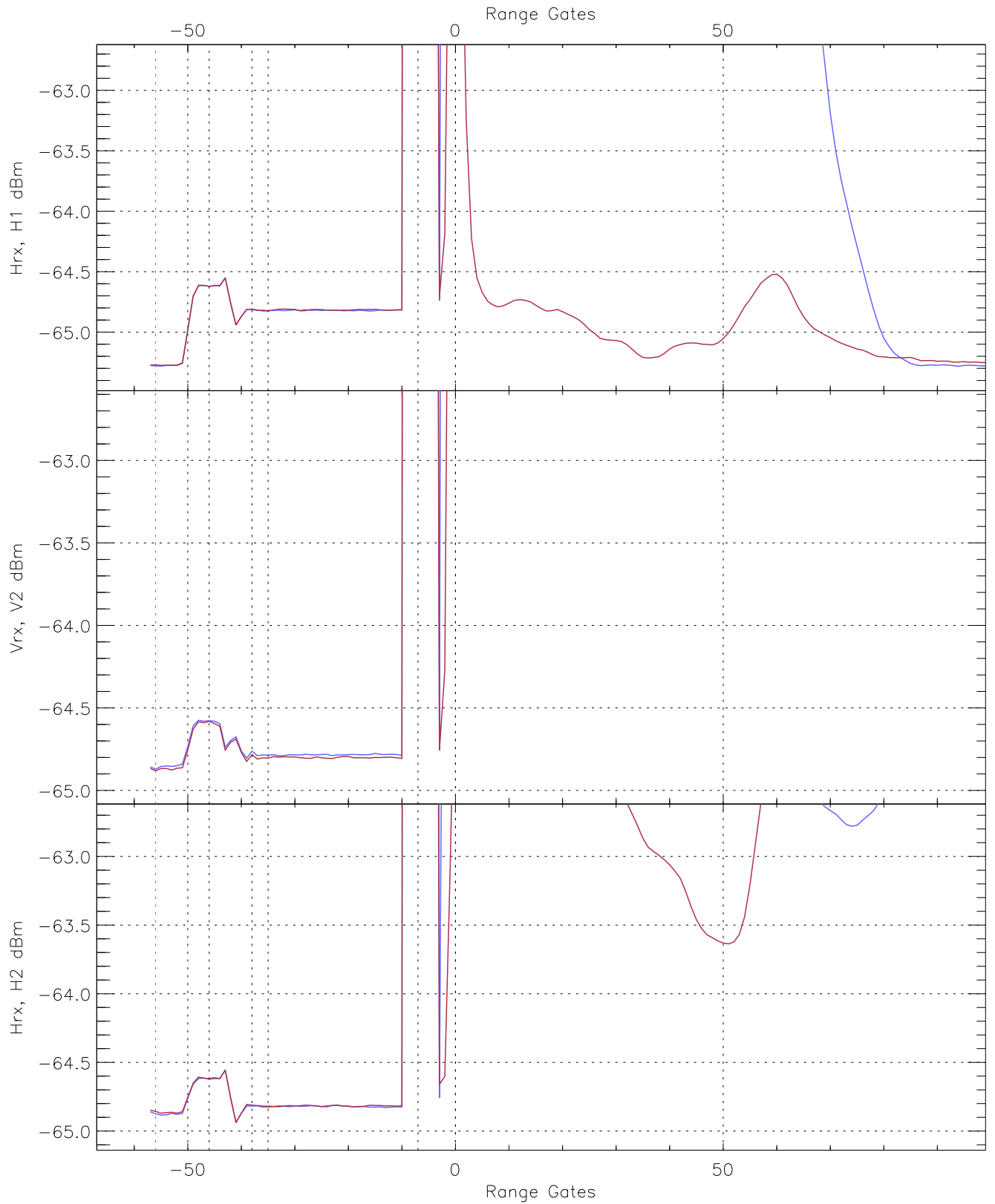


WCR3 CPP "Best" estimate Receivers Noise Power

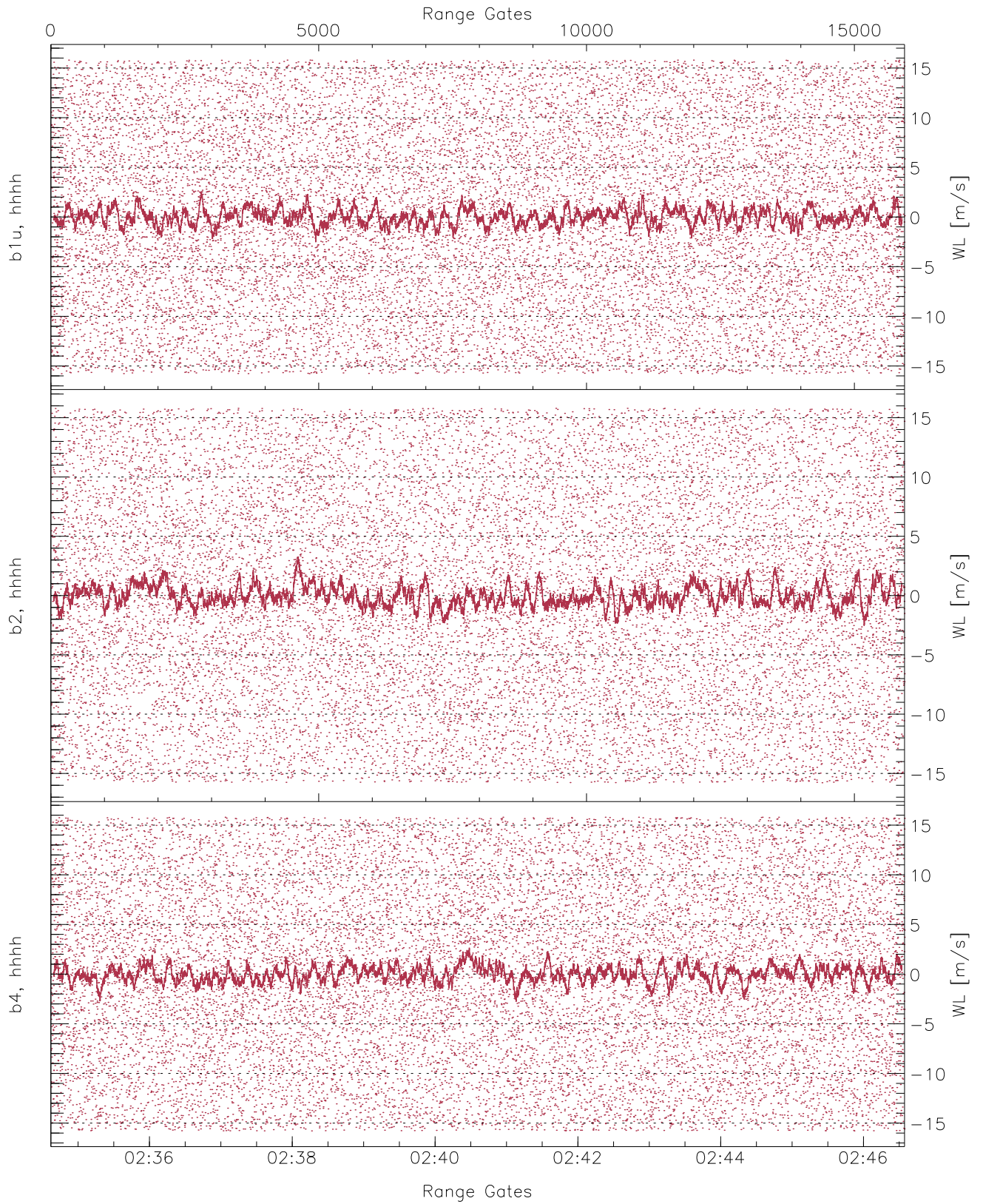
	Min	Max	Mean	Median	StDev
H1RG307_0 [dBm]	-66.46	-64.29	-65.28	-65.29	-76.77
V2RG388_0 [dBm]	-66.11	-63.60	-64.88	-64.89	-76.36
H2RG379_0 [dBm]	-66.42	-63.78	-64.87	-64.88	-76.42



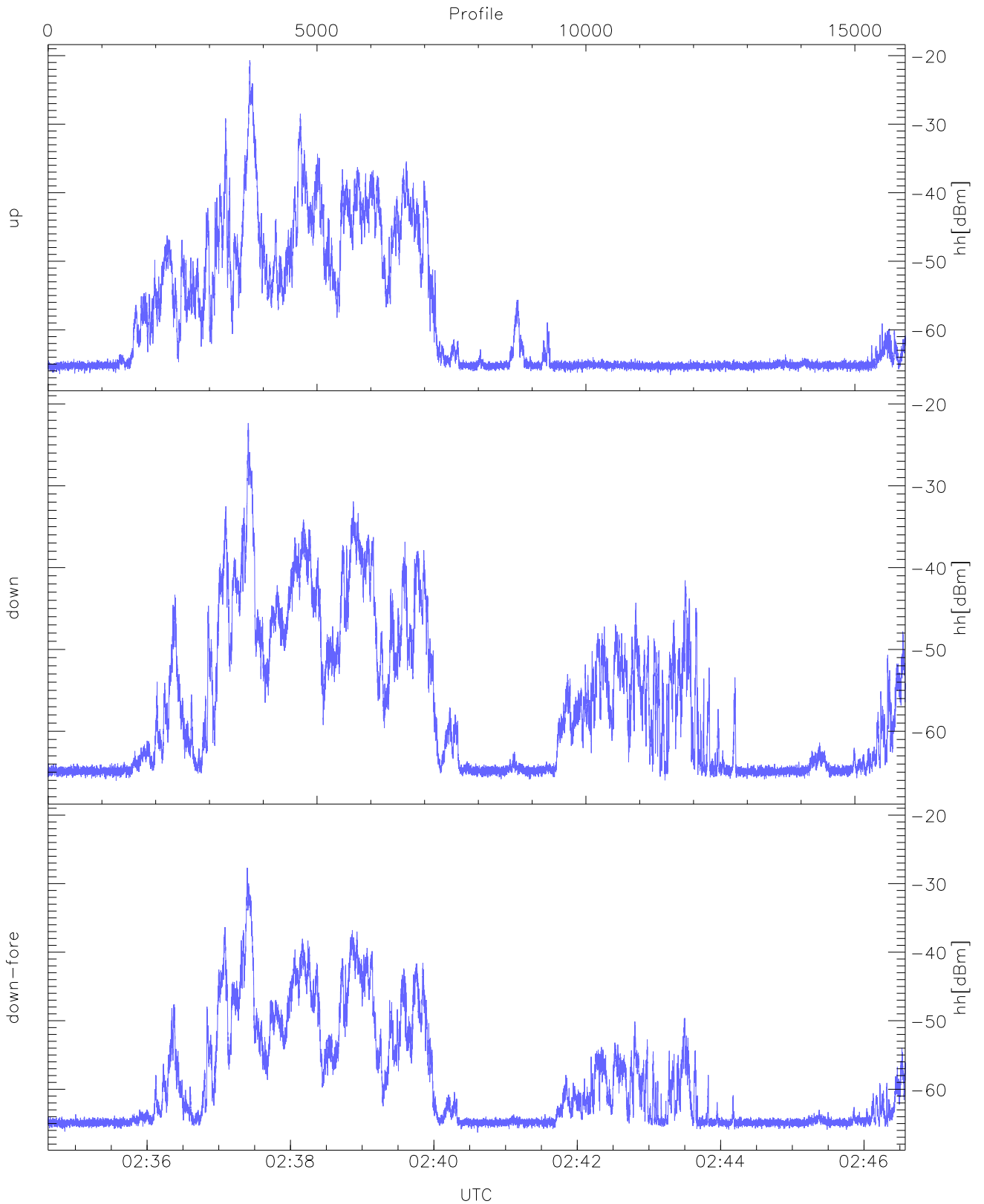
WCR3 CPP Averaged Received power for all recorded gates
blue: 023437-024036, 7970 profiles averaged
red: 024036-024634, 7969 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 023437-024036, 7970 profiles averaged
red: 024036-024634, 7969 profiles averaged

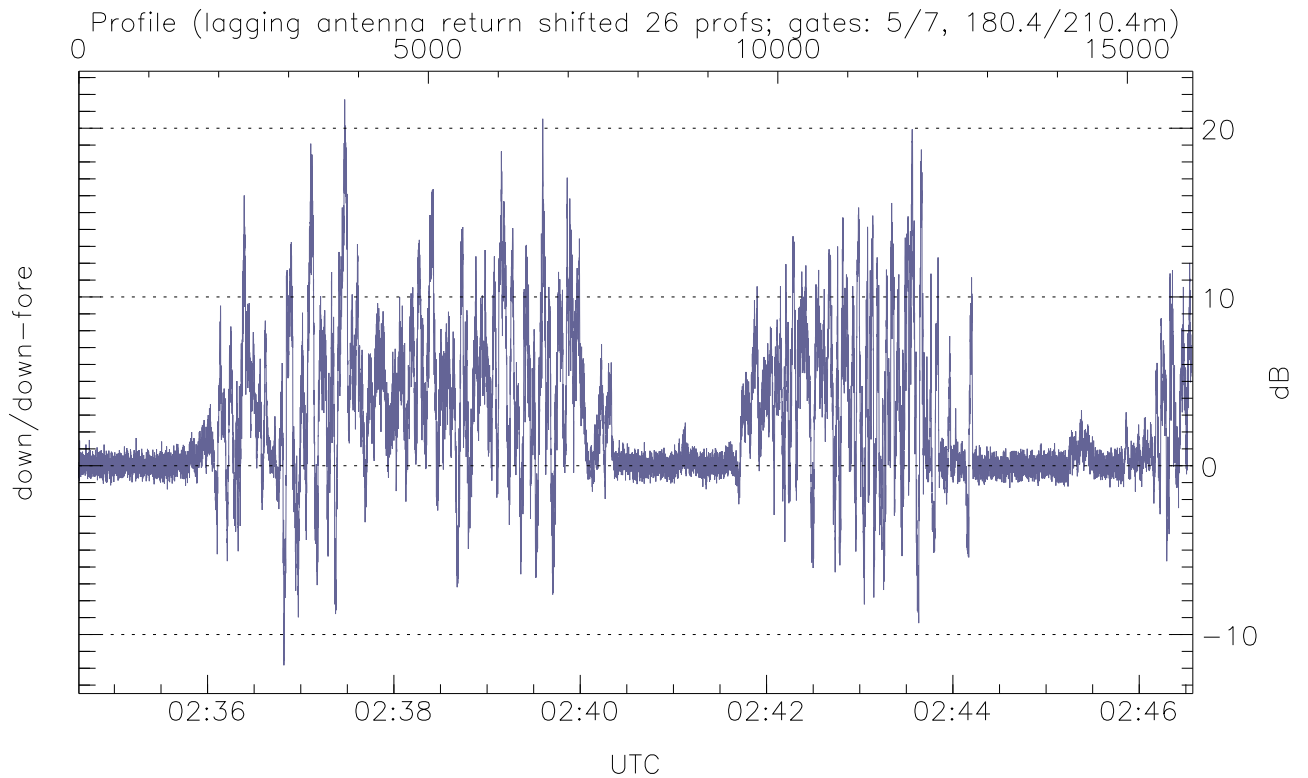
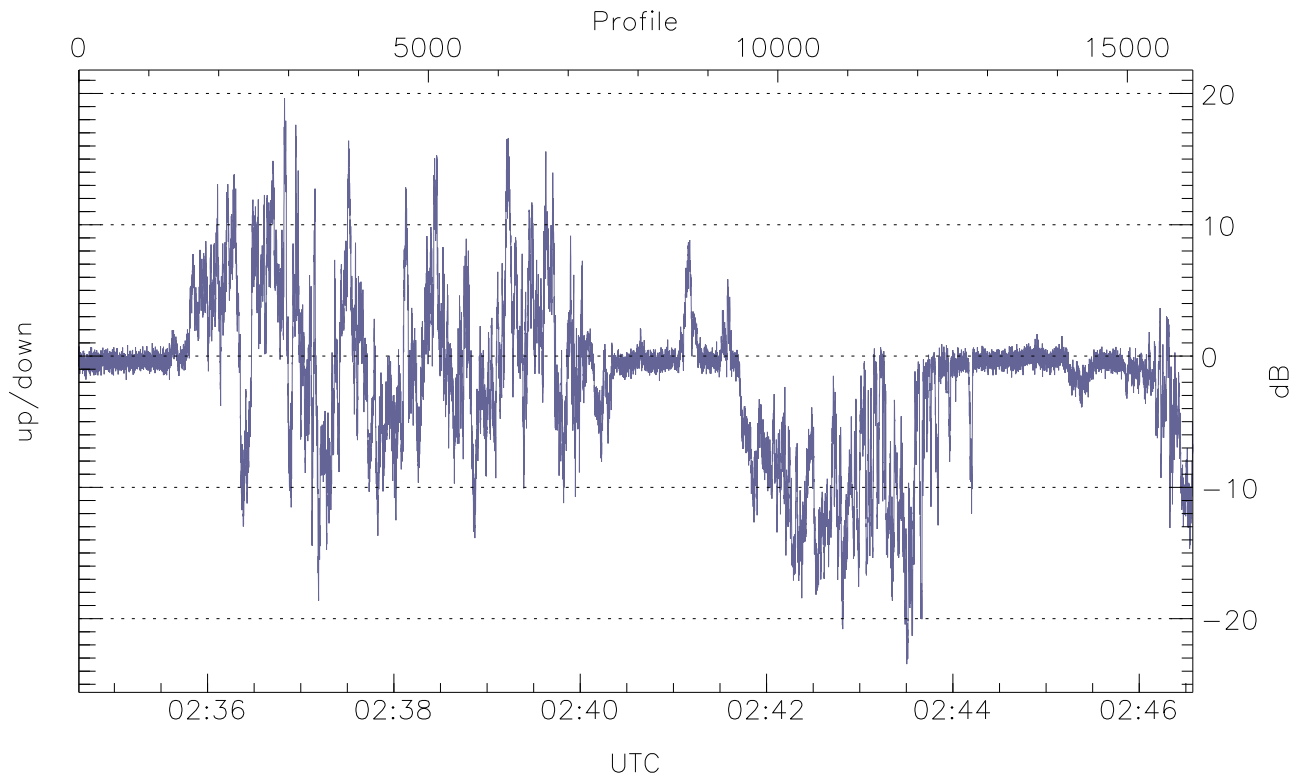


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



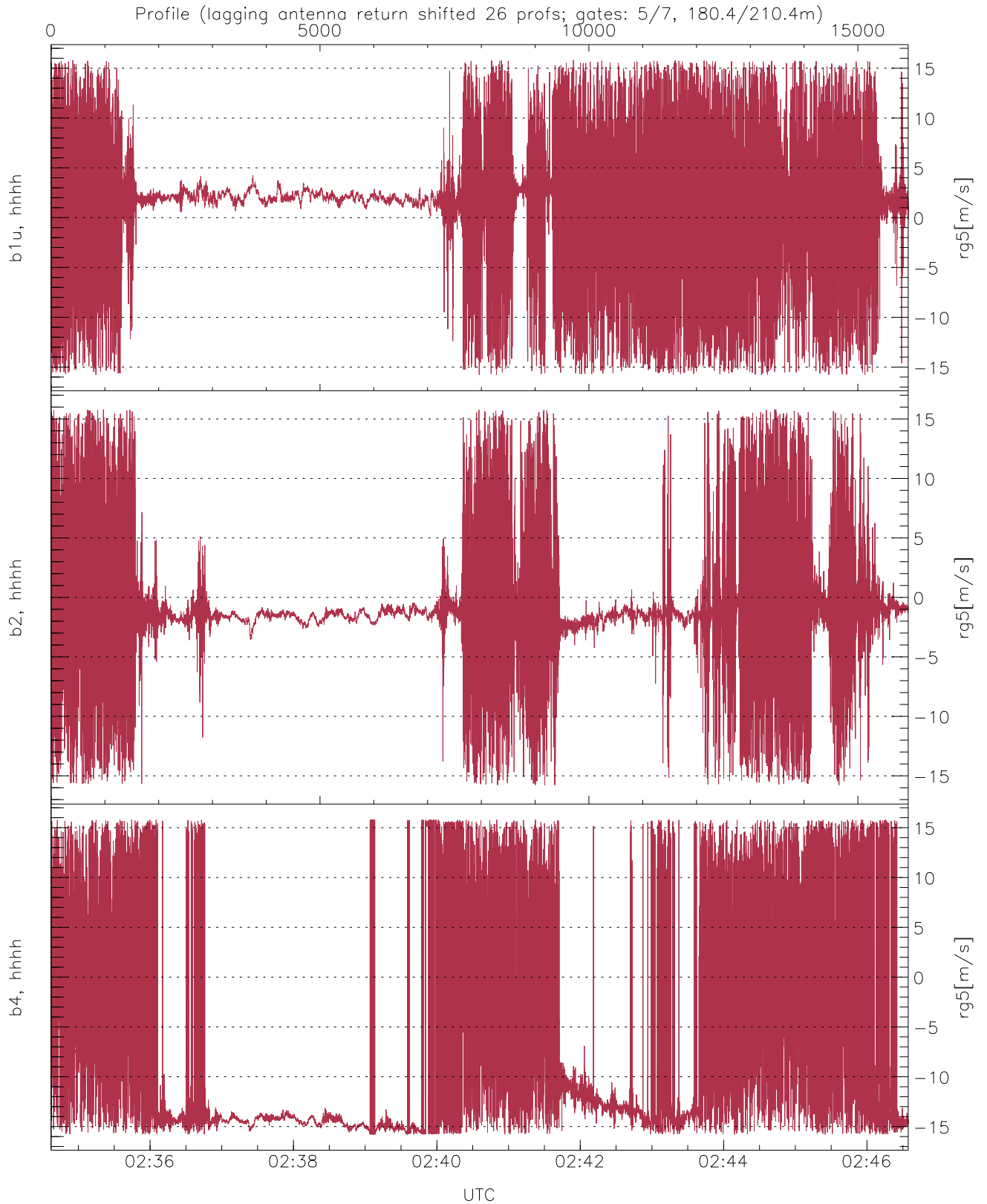
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.60	-20.68	-44.37
down(hh[dBm])	-66.03	-22.34	-45.22
down-fore(hh[dBm])	-66.31	-27.69	-49.35



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

	Min	Max	Mean
up/down (dB)	-23.46	19.63	-1.74
down/down-fore (dB)	-11.82	21.70	2.57



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.12	6.07
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.07	4.77
b4, hhhh(rg5[m/s])	-15.79	15.79	-6.96	10.06