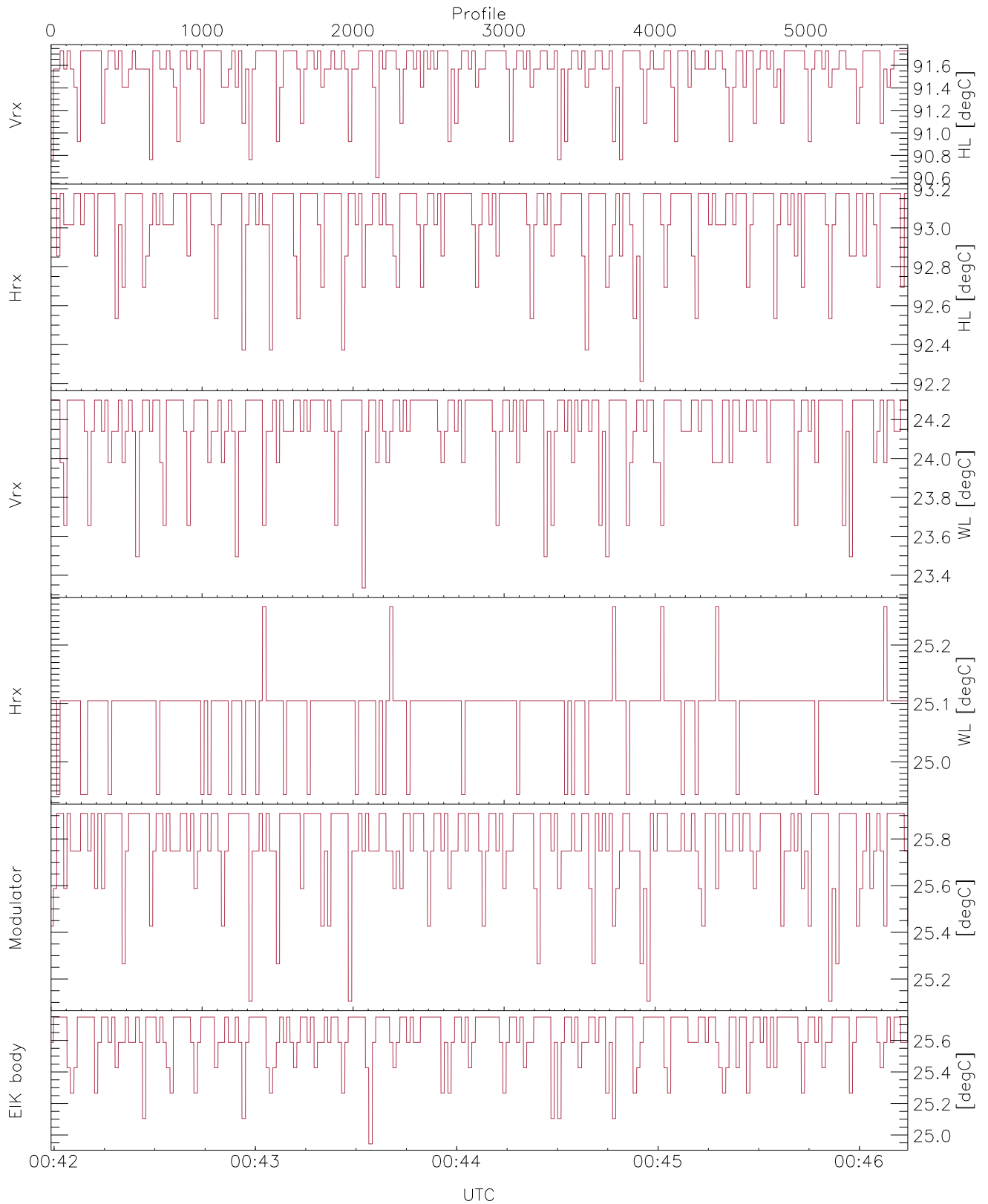


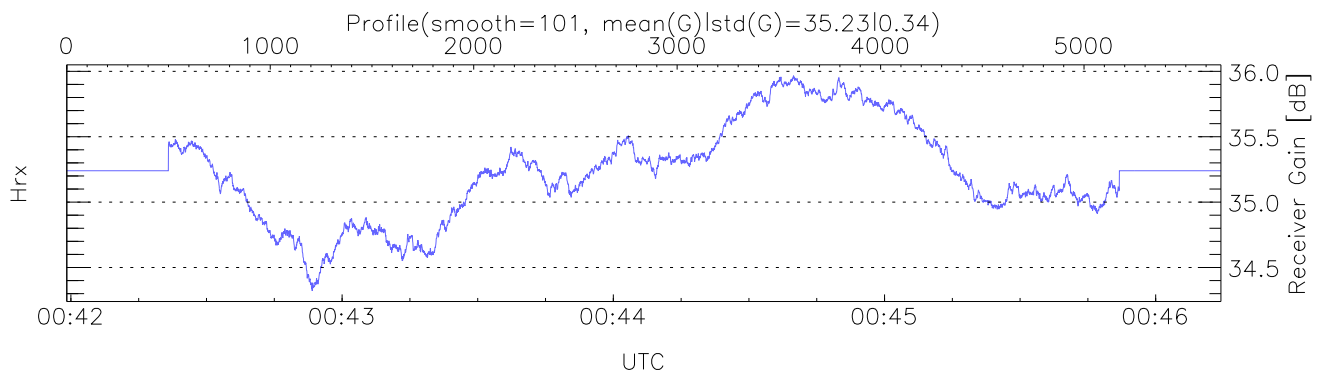
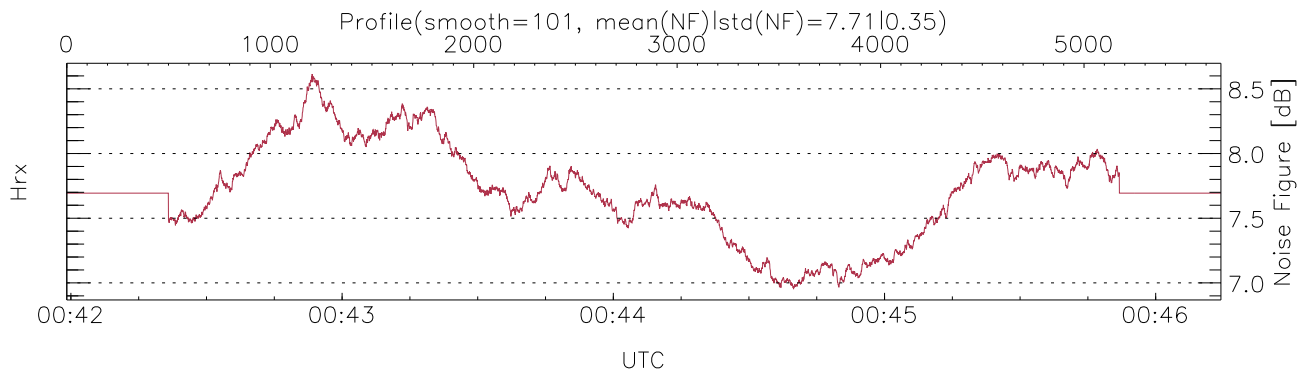
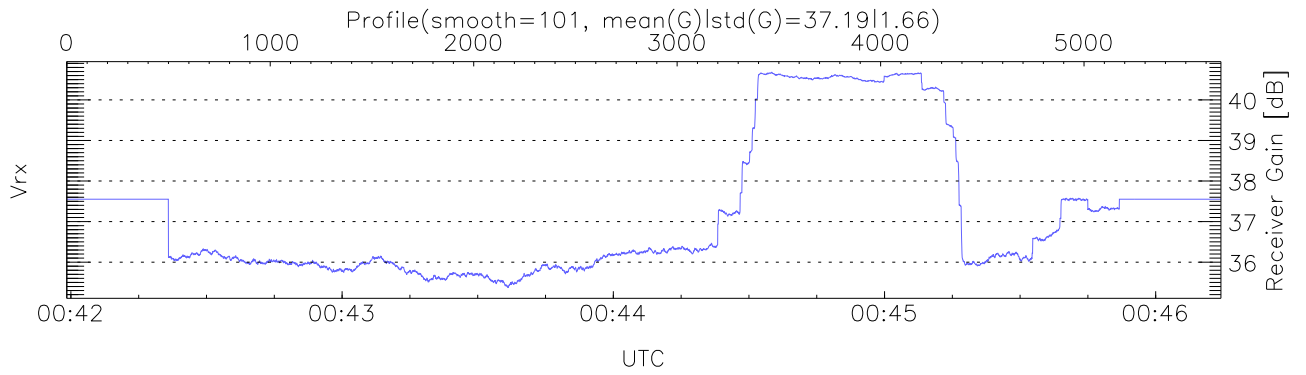
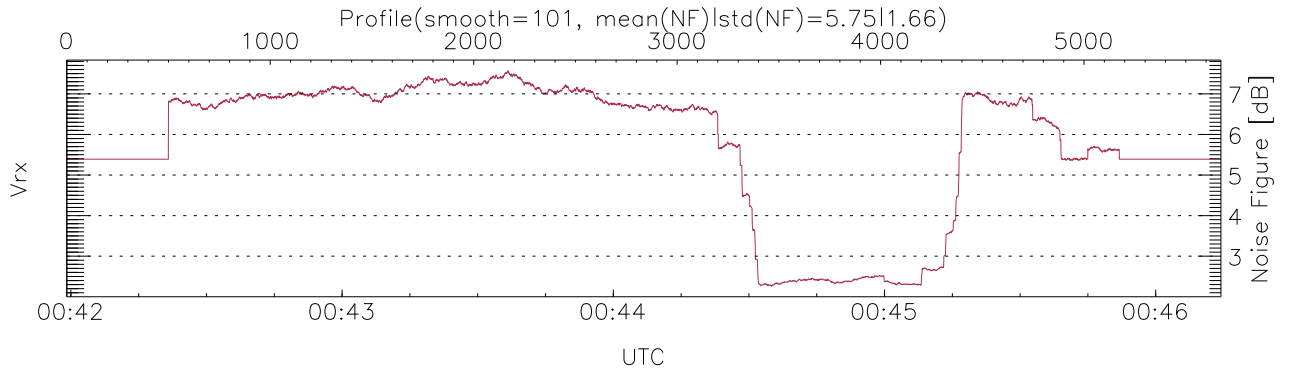
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:41:59-00:46:14, TimeCor: 0.00s, Dur: 255.35s
 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): 5674/5674, 0-5673/00:41:59-00:46:14
 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



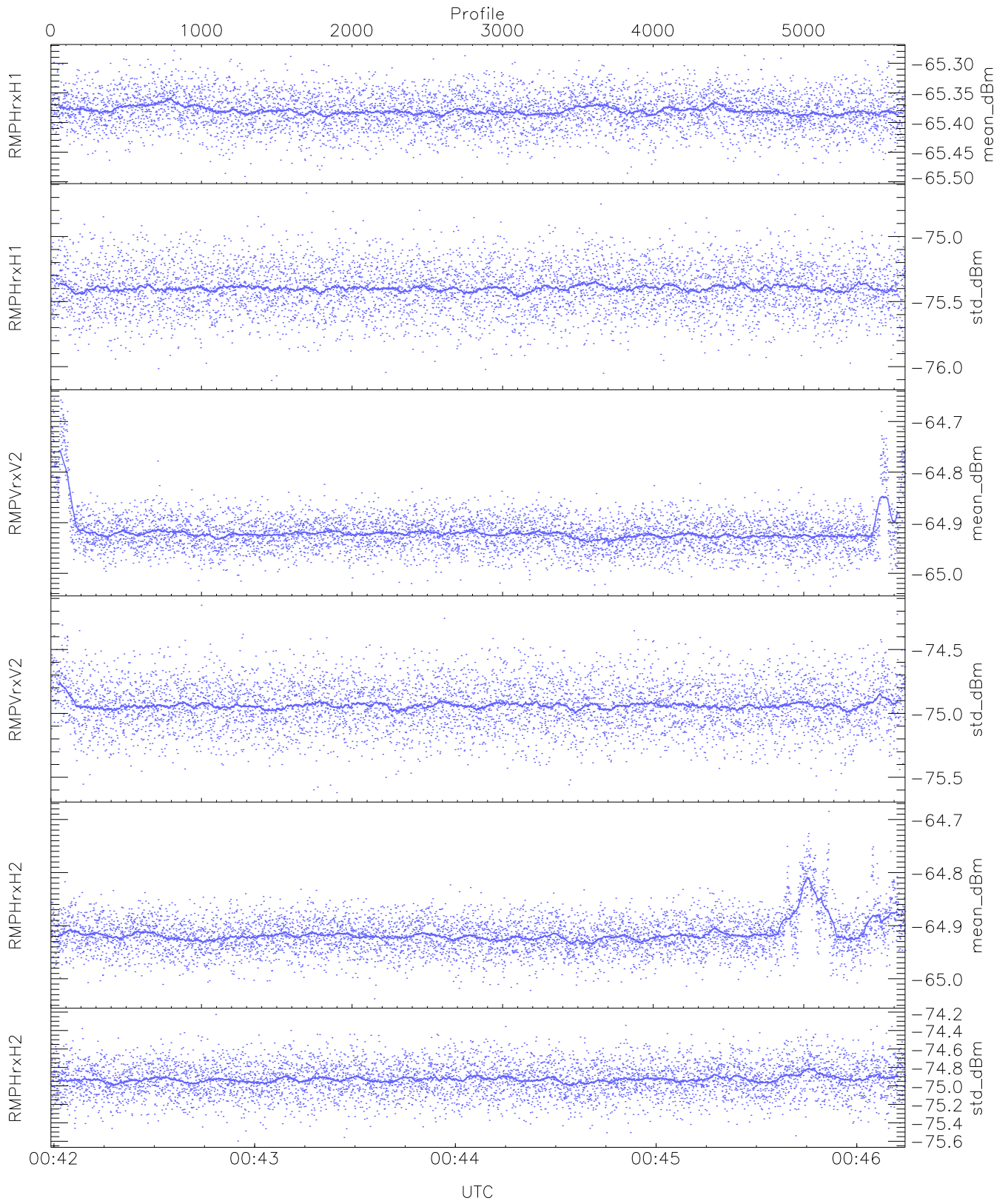
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,24,25,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,25,25,25
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



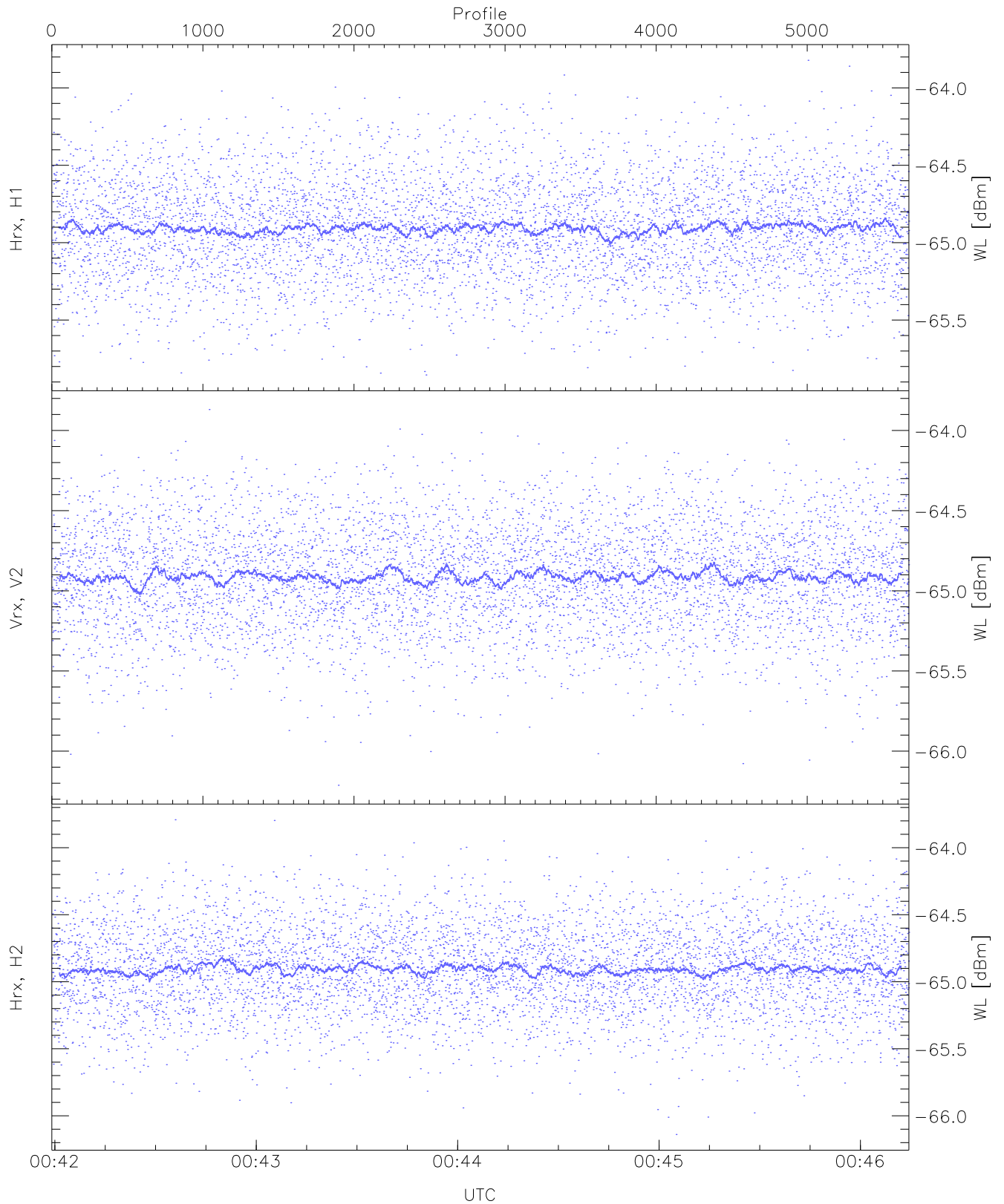
WCR3 CPP Receivers Gain and Noise Figure

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



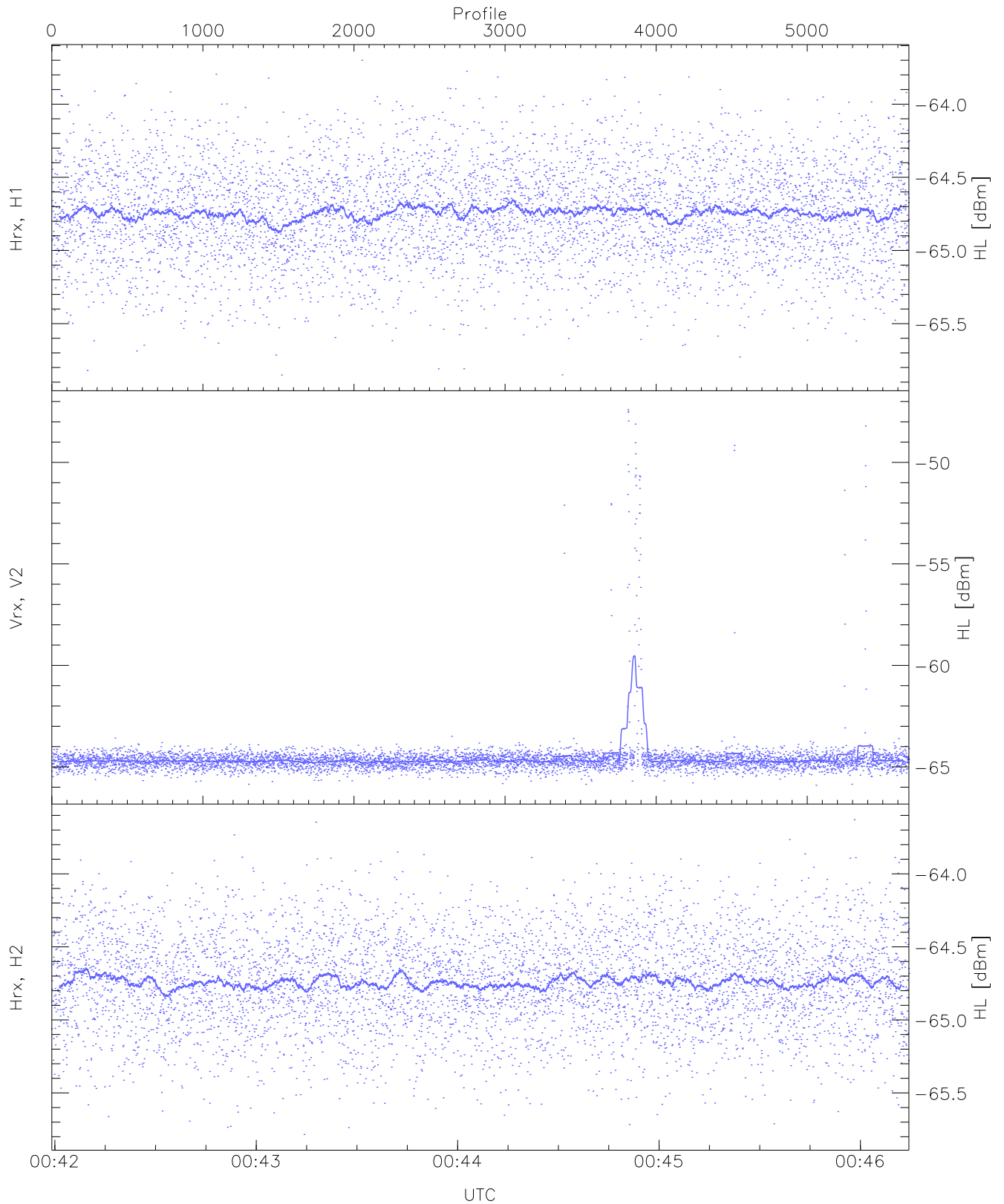
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.49	-65.28	-65.38	-65.38	-86.96
RMPHrxH1(std_dBm)	-76.11	-74.67	-75.40	-75.40	-89.15
RMPVrxV2(mean_dBm)	-65.03	-64.66	-64.92	-64.92	-85.04
RMPVrxV2(std_dBm)	-75.62	-74.15	-74.93	-74.94	-88.62
RMPHrxH2(mean_dBm)	-65.04	-64.68	-64.91	-64.92	-85.64
RMPHrxH2(std_dBm)	-75.60	-74.23	-74.93	-74.93	-88.72



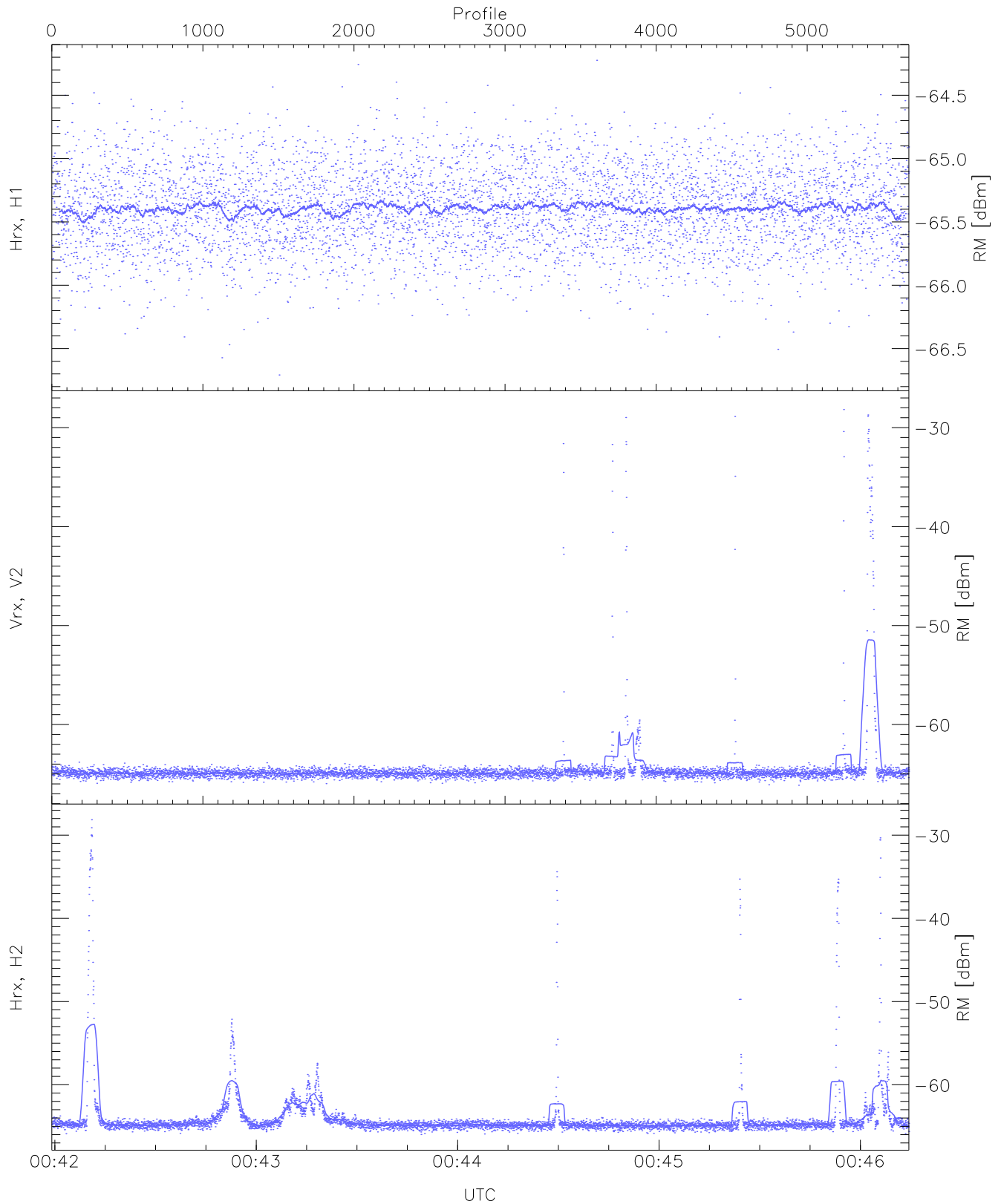
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.86	-63.82	-64.90	-64.91	-76.46
Vrx, V2 (WL [dBm])	-66.21	-63.87	-64.91	-64.91	-76.41
Hrx, H2 (WL [dBm])	-66.14	-63.79	-64.90	-64.91	-76.44



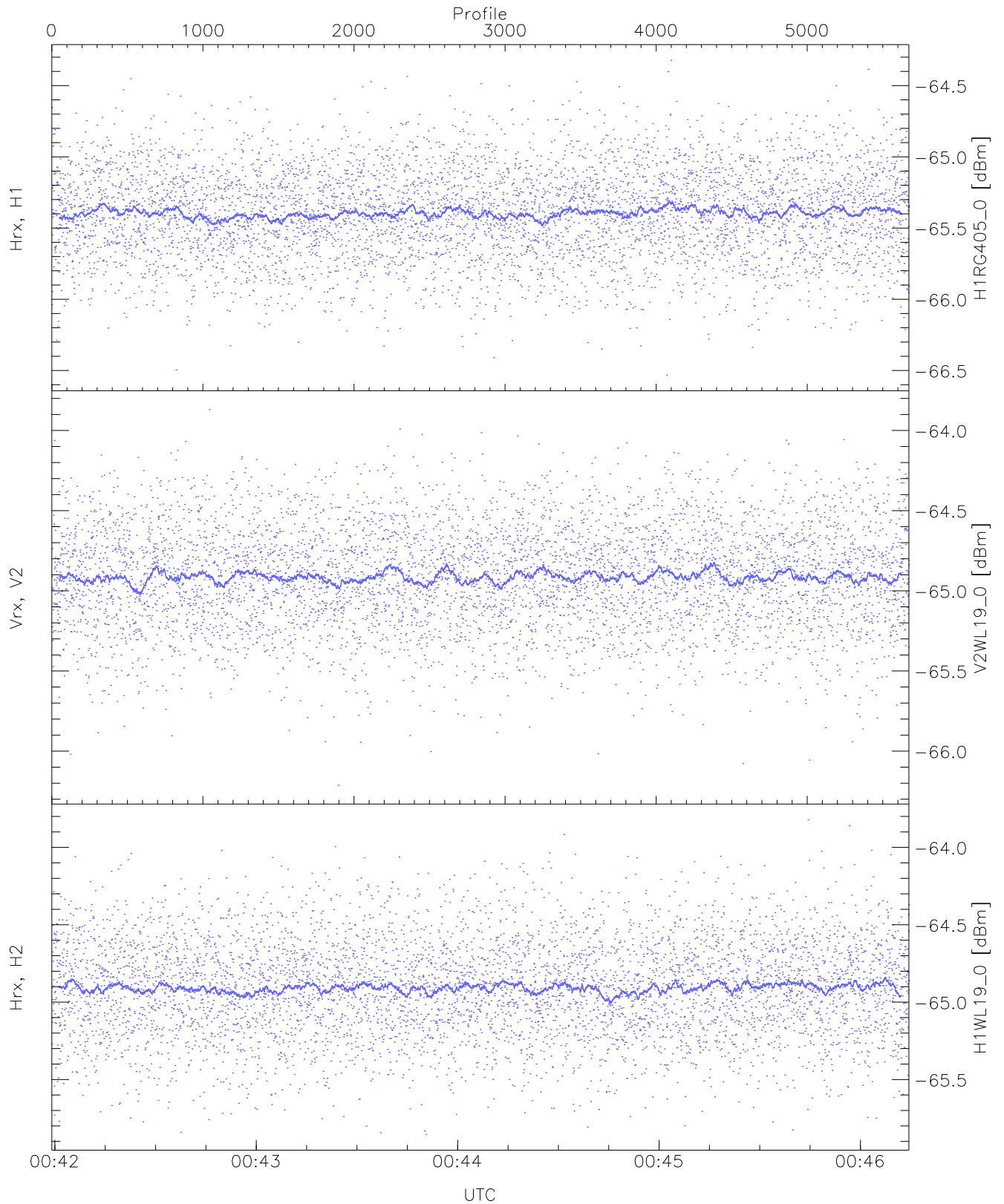
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.85	-63.70	-64.74	-64.74	-76.20
Vrx, V2 (HL [dBm])	-65.91	-47.39	-63.95	-64.71	-61.09
Hrx, H2 (HL [dBm])	-65.78	-63.63	-64.73	-64.74	-76.22



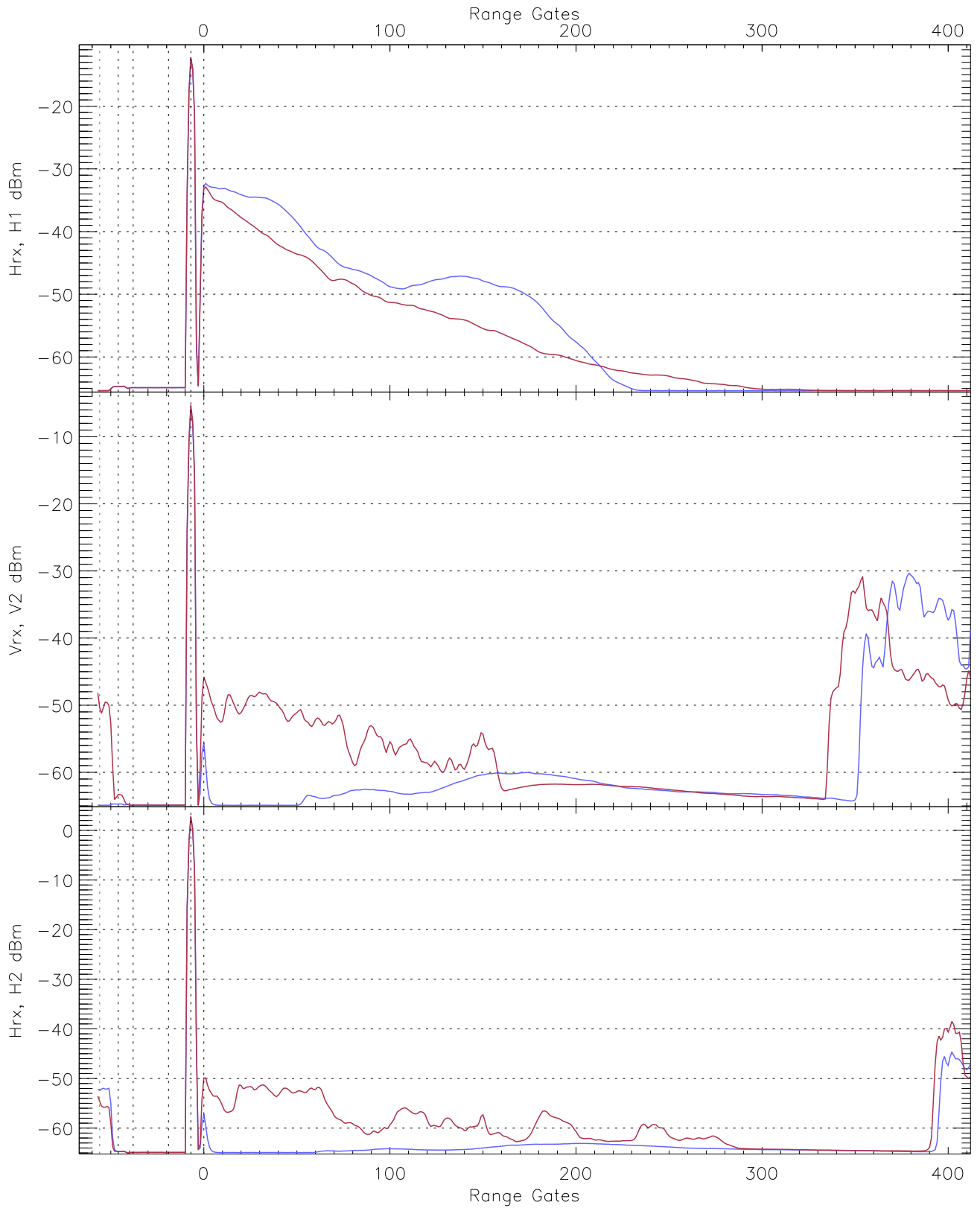
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.71	-64.22	-65.39	-65.39	-76.90
Vrx, V2 (RM [dBm])	-66.14	-28.17	-53.21	-64.90	-42.38
Hrx, H2 (RM [dBm])	-65.98	-28.15	-53.34	-64.75	-42.81

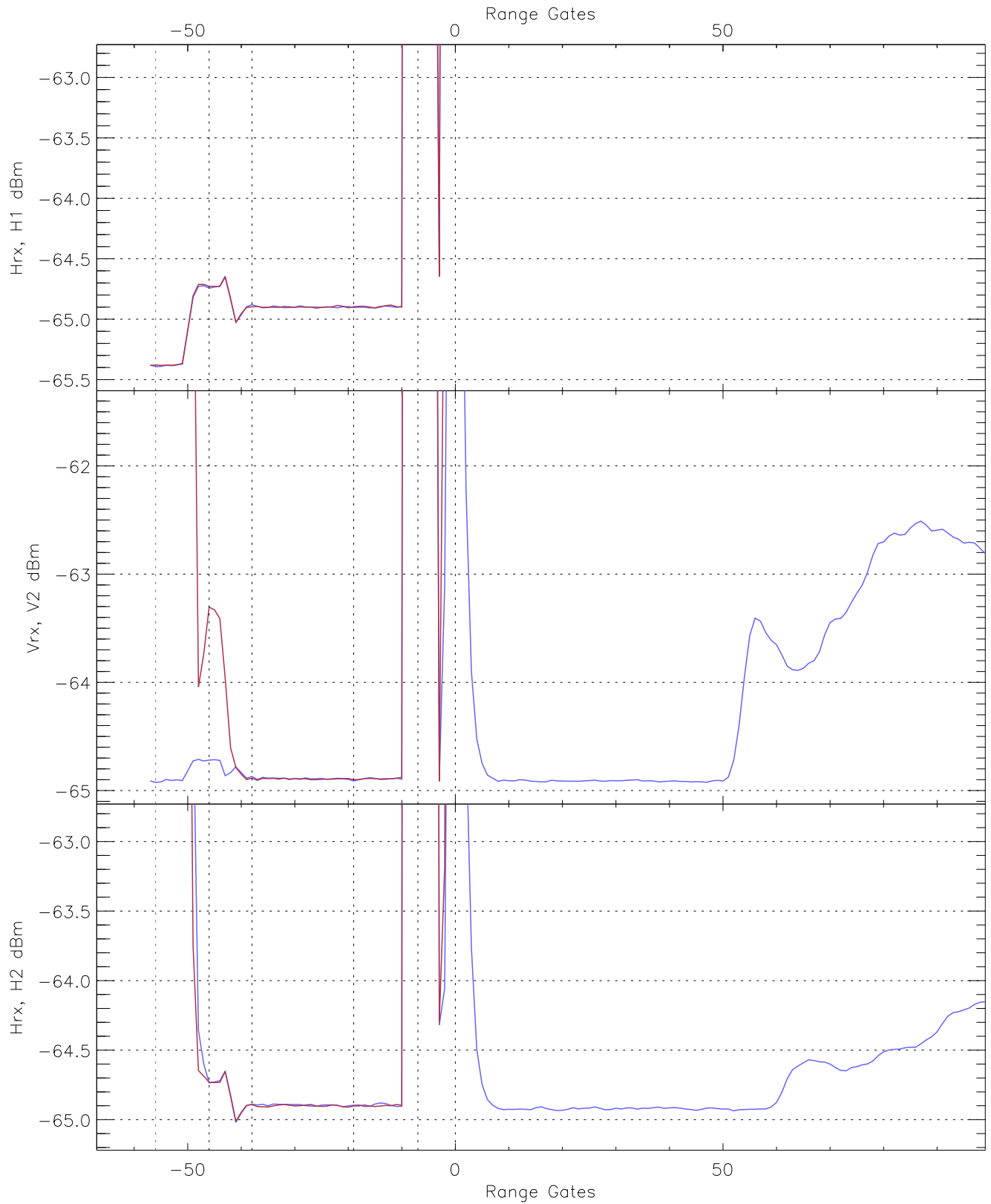


WCR3 CPP "Best" estimate Receivers Noise Power

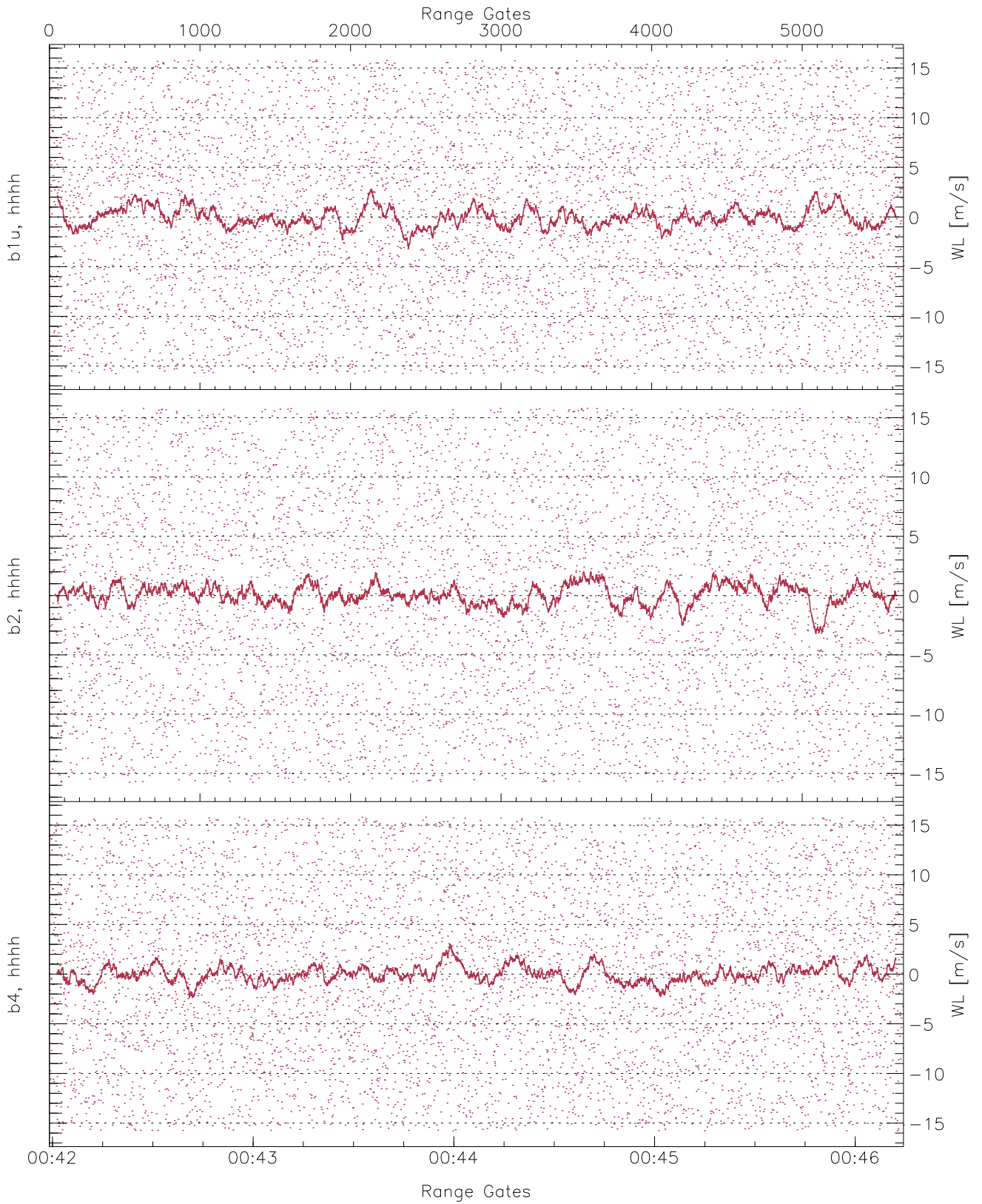
	Min	Max	Mean	Median	StDev
H1RG405_0 [dBm]	-66.53	-64.32	-65.39	-65.39	-76.94
V2WL19_0 [dBm]	-66.21	-63.87	-64.91	-64.91	-76.41
H1WL19_0 [dBm]	-65.86	-63.82	-64.90	-64.91	-76.46



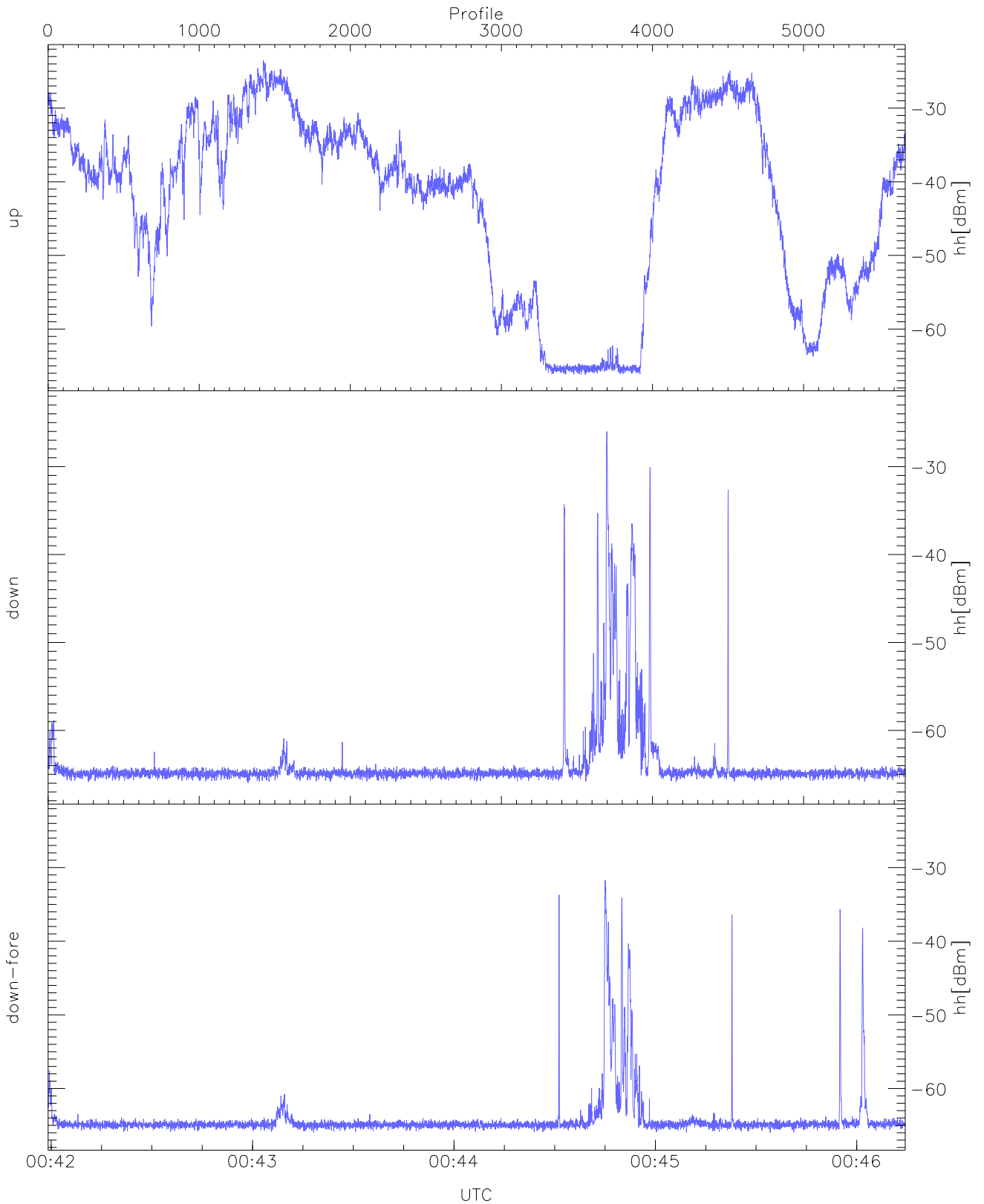
WCR3 CPP Averaged Received power for all recorded gates
blue: 004159-004407, 2838 profiles averaged
red: 004407-004614, 2837 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 004159-004407, 2838 profiles averaged
red: 004407-004614, 2837 profiles averaged

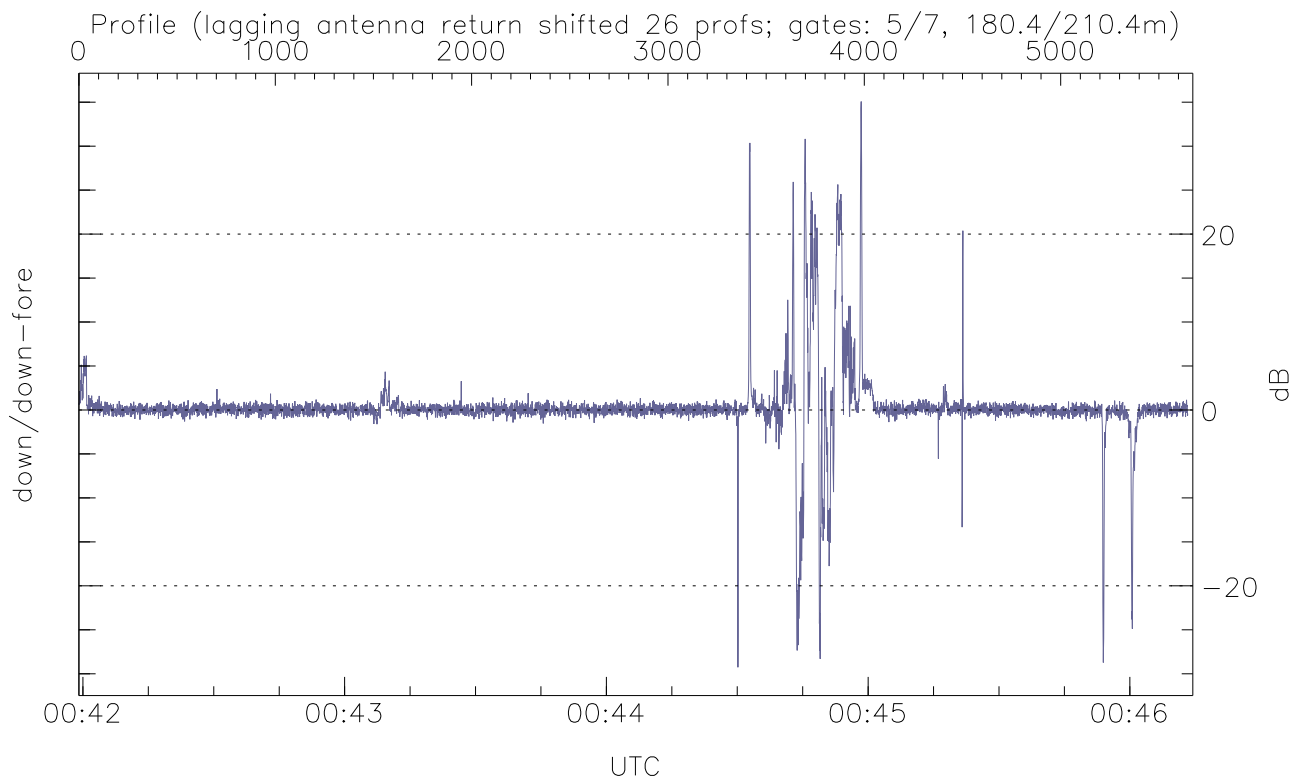
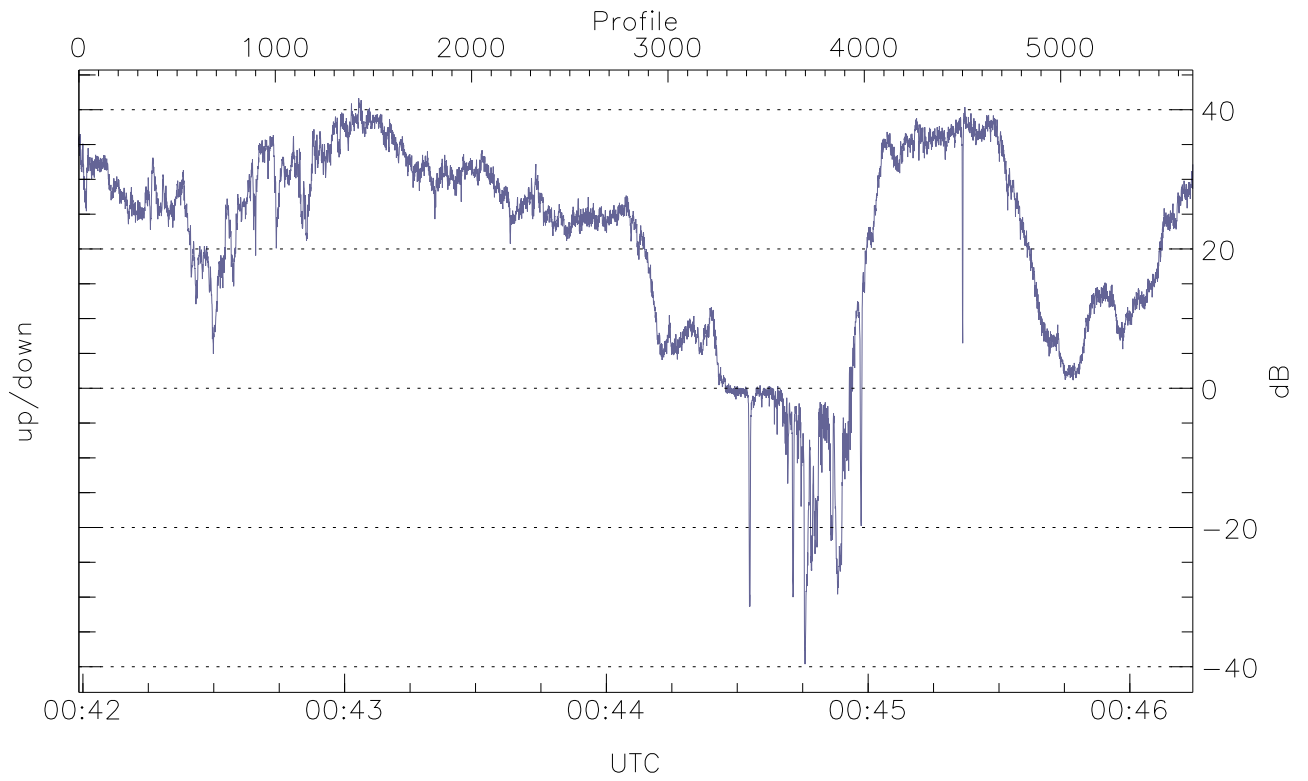


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



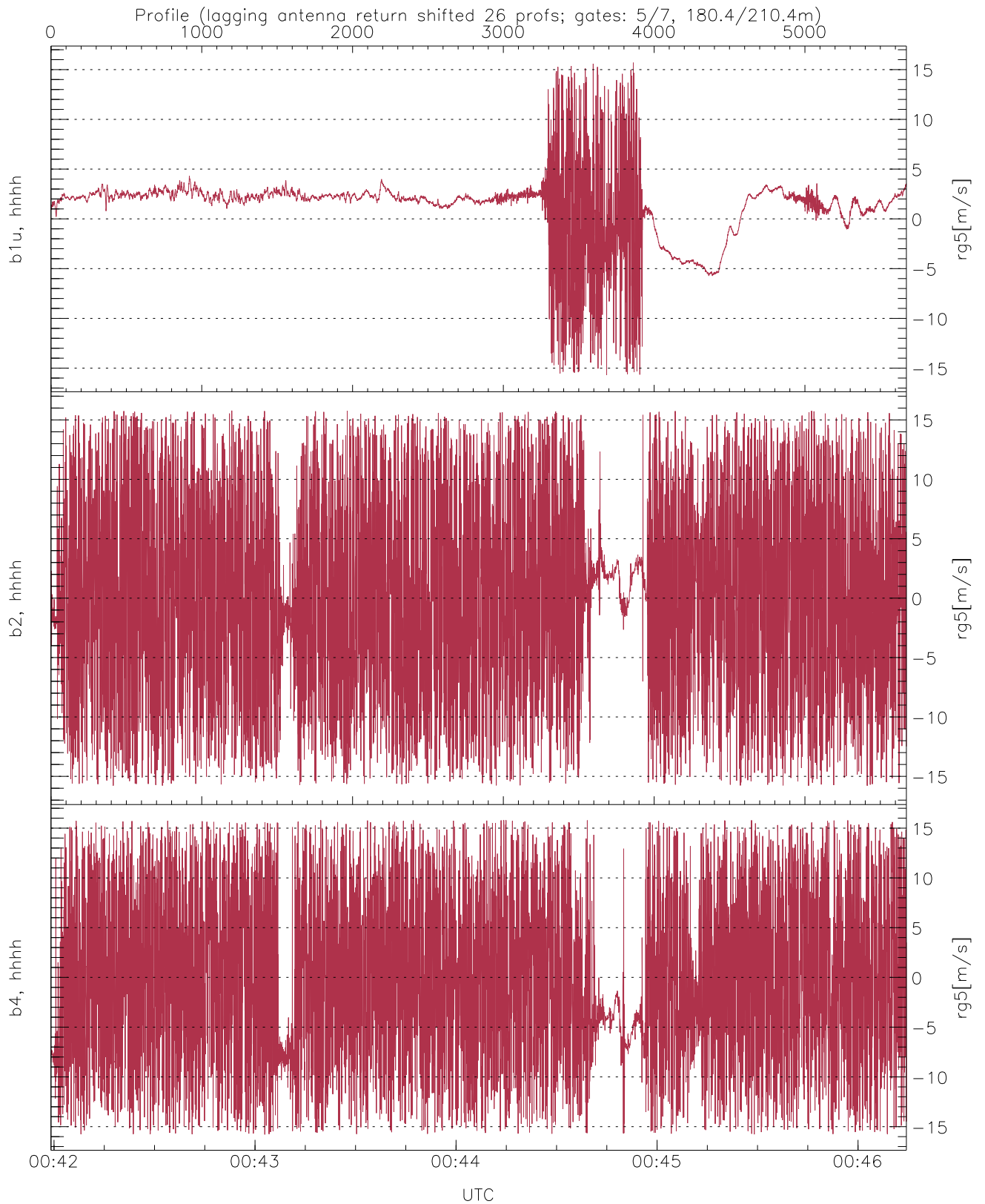
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.24	-23.51	-33.74
down(hh[dBm])	-65.98	-26.01	-52.98
down-fore(hh[dBm])	-65.96	-31.72	-56.19



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

	Min	Max	Mean
up/down (dB)	-39.62	41.64	21.15
down/down-fore (dB)	-29.26	35.08	0.30



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.70	15.69	1.23	3.34
b2, hhhh(rg5[m/s])	-15.79	15.78	0.17	8.23
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.66	8.45