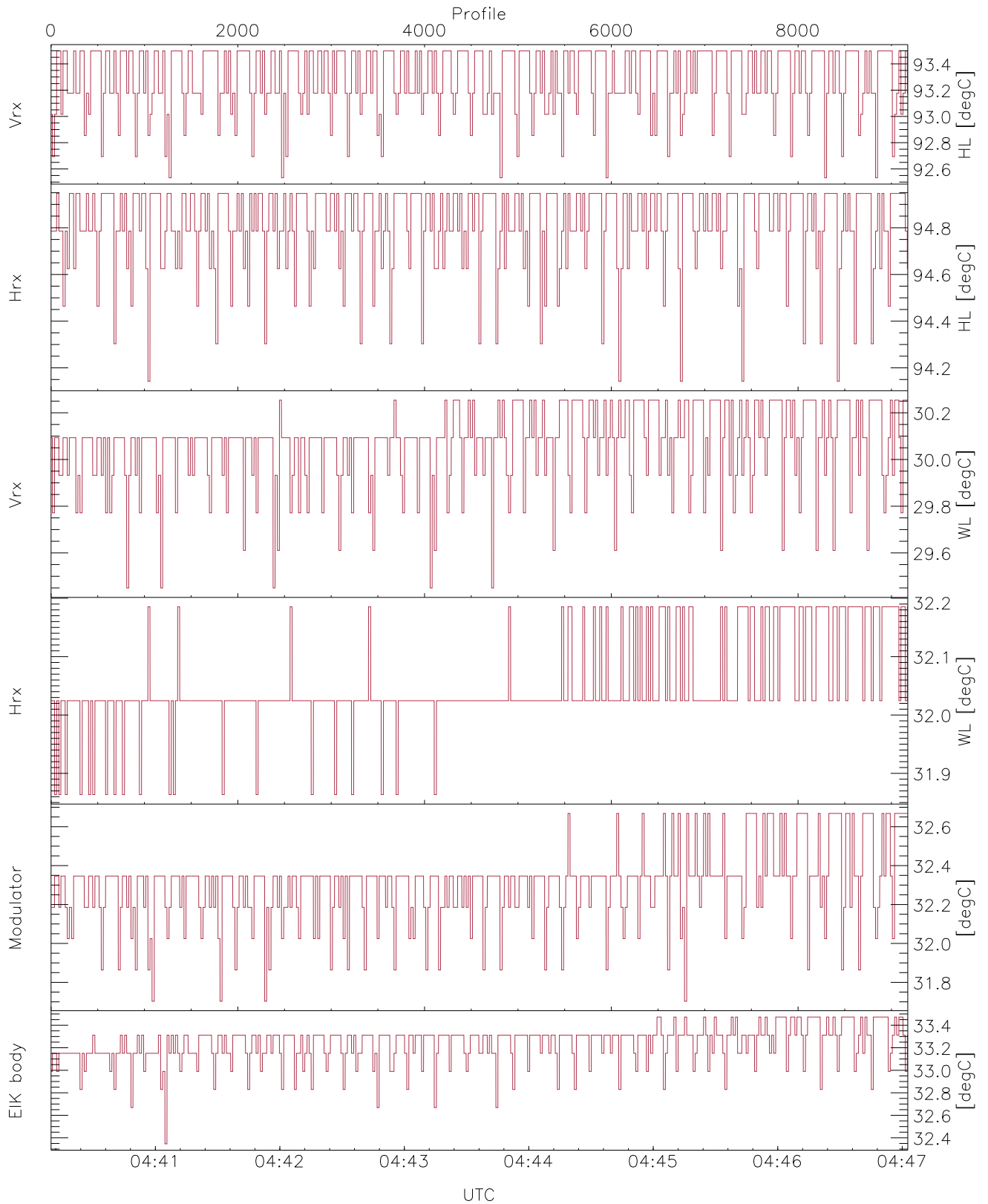


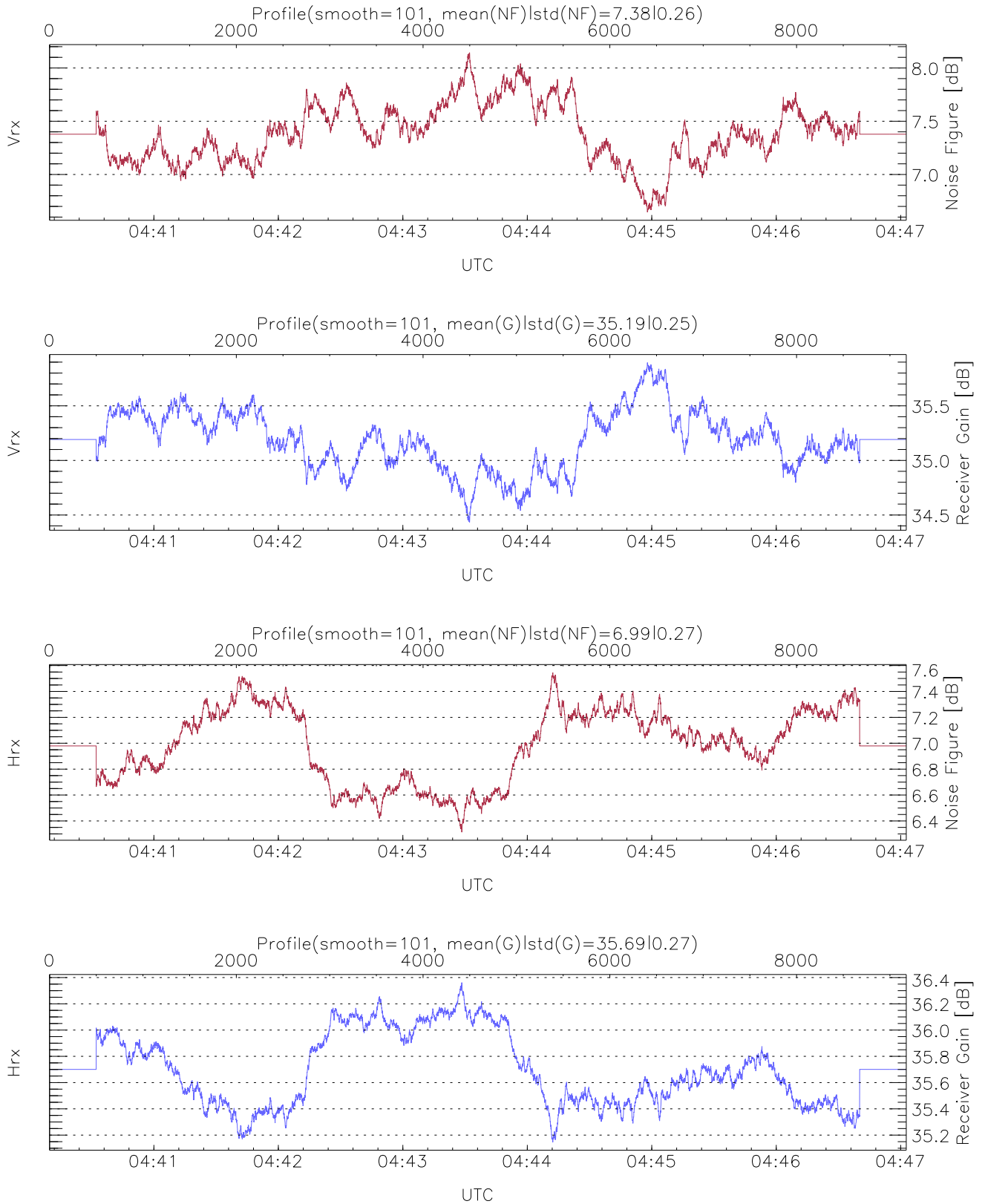
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:40:10-04:47:03, TimeCor: 0.00s, Dur: 412.98s
 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): 9176/9176, 0-9175/04:40:10-04:47:03
 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



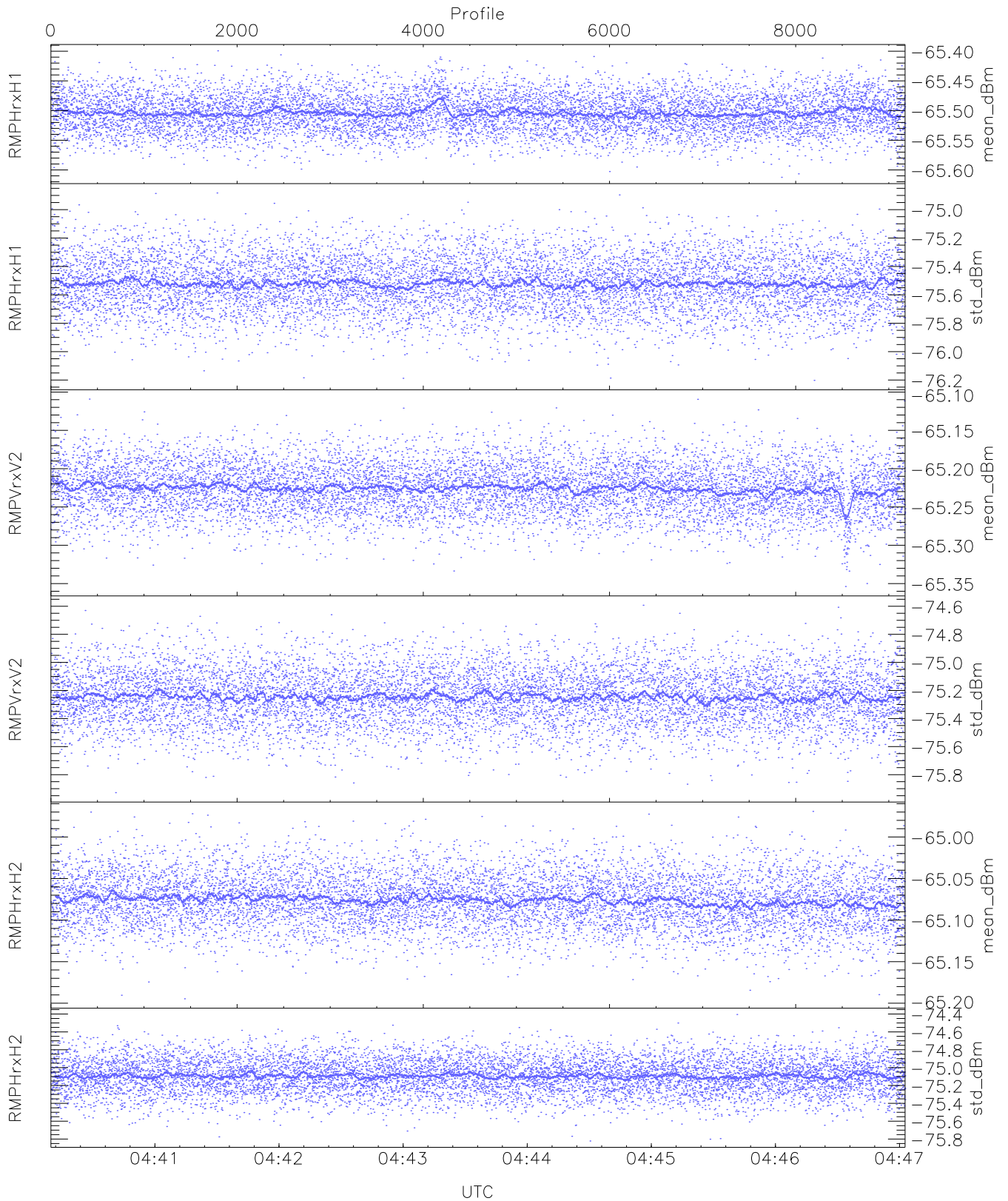
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,29,31,31,32
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,30,32,32,33
 LOalarm(20,240,2817,14861 MHz): None
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



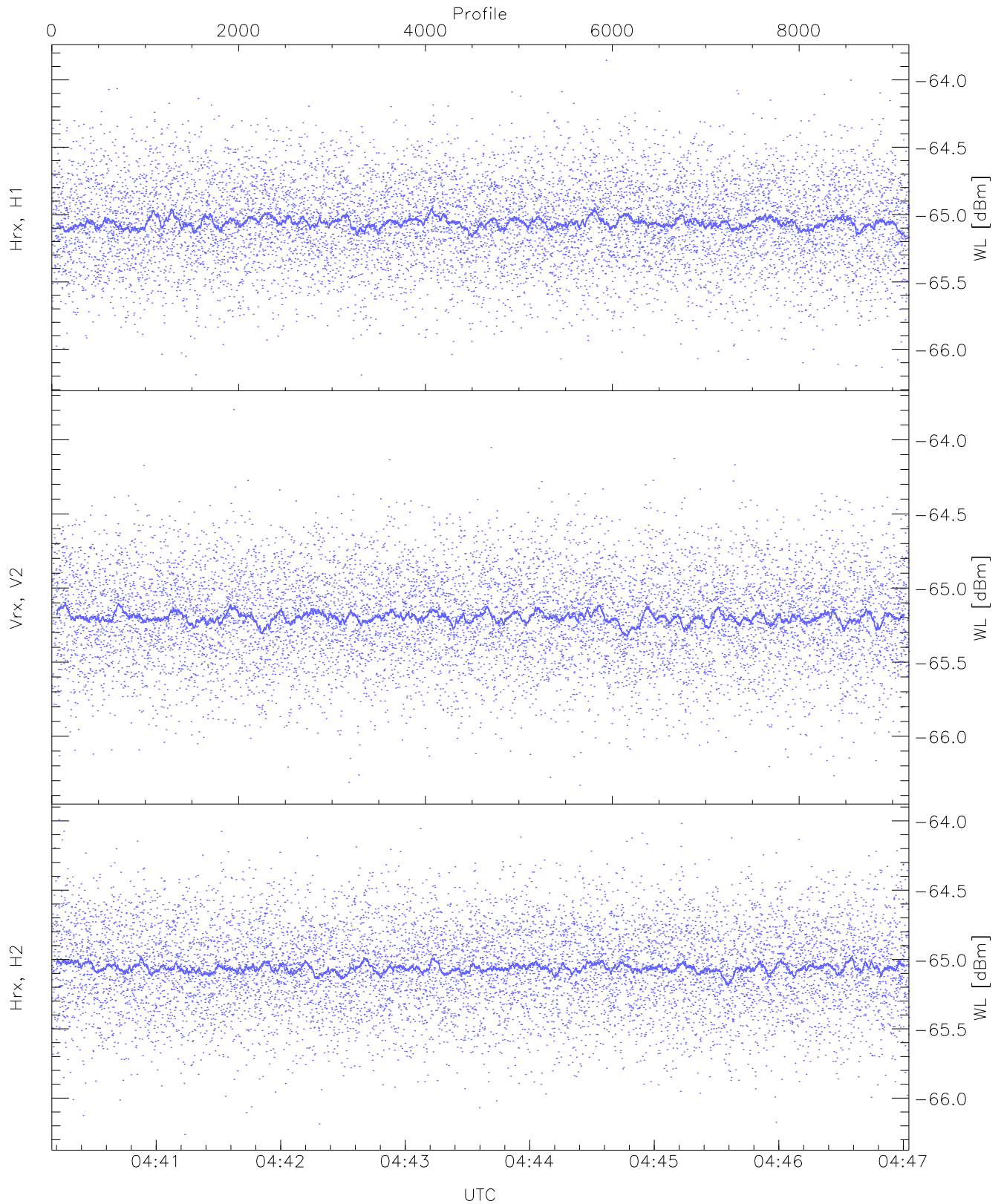
WCR3 CPP Receivers Gain and Noise Figure

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



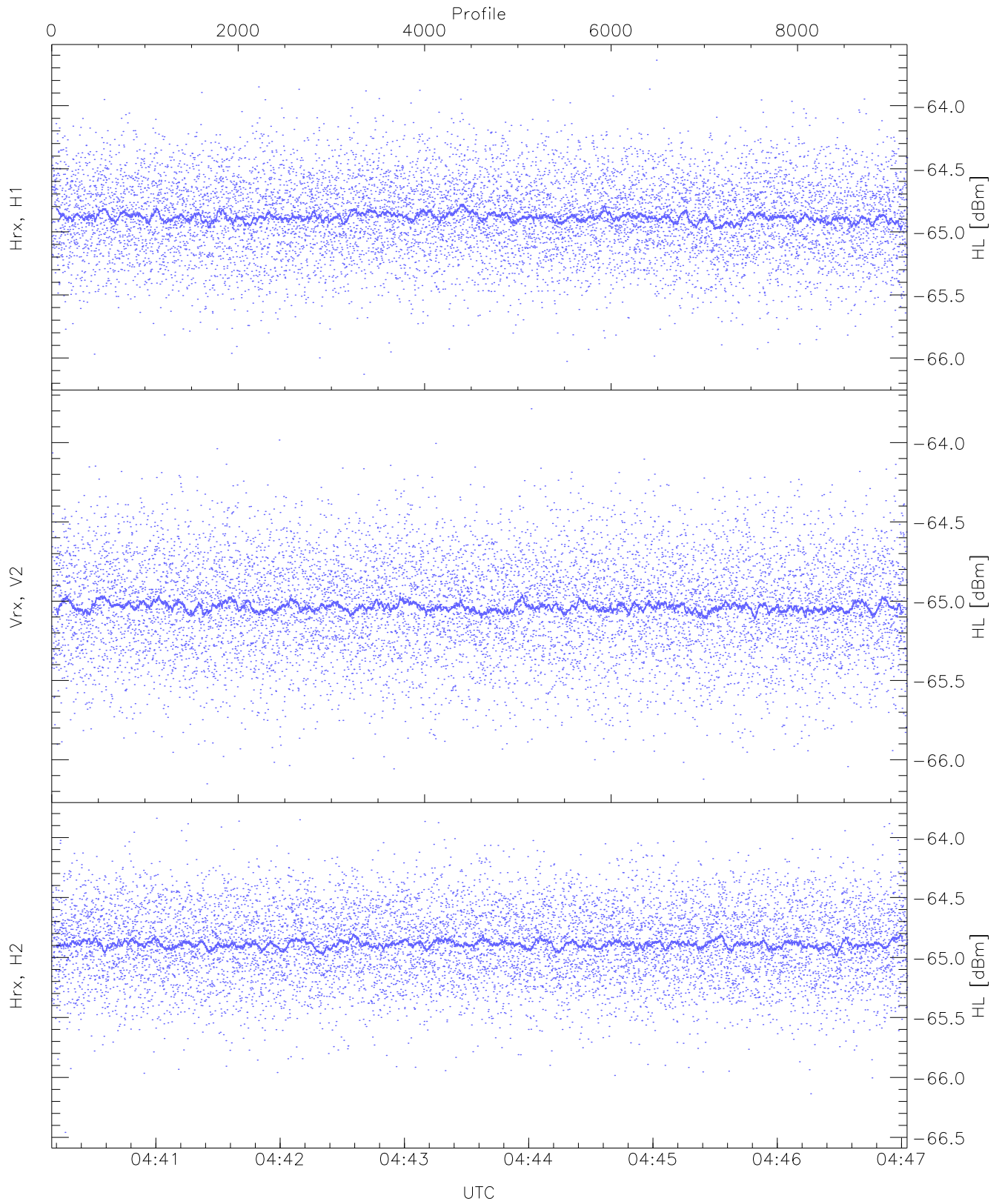
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.61	-65.40	-65.50	-65.50	-87.07
RMPHrxH1(std_dBm)	-76.20	-74.88	-75.52	-75.52	-89.34
RMPVrxV2(mean_dBm)	-65.35	-65.11	-65.23	-65.23	-86.72
RMPVrxV2(std_dBm)	-75.93	-74.59	-75.24	-75.24	-89.04
RMPHrxH2(mean_dBm)	-65.19	-64.97	-65.08	-65.08	-86.71
RMPHrxH2(std_dBm)	-75.82	-74.41	-75.09	-75.09	-88.91



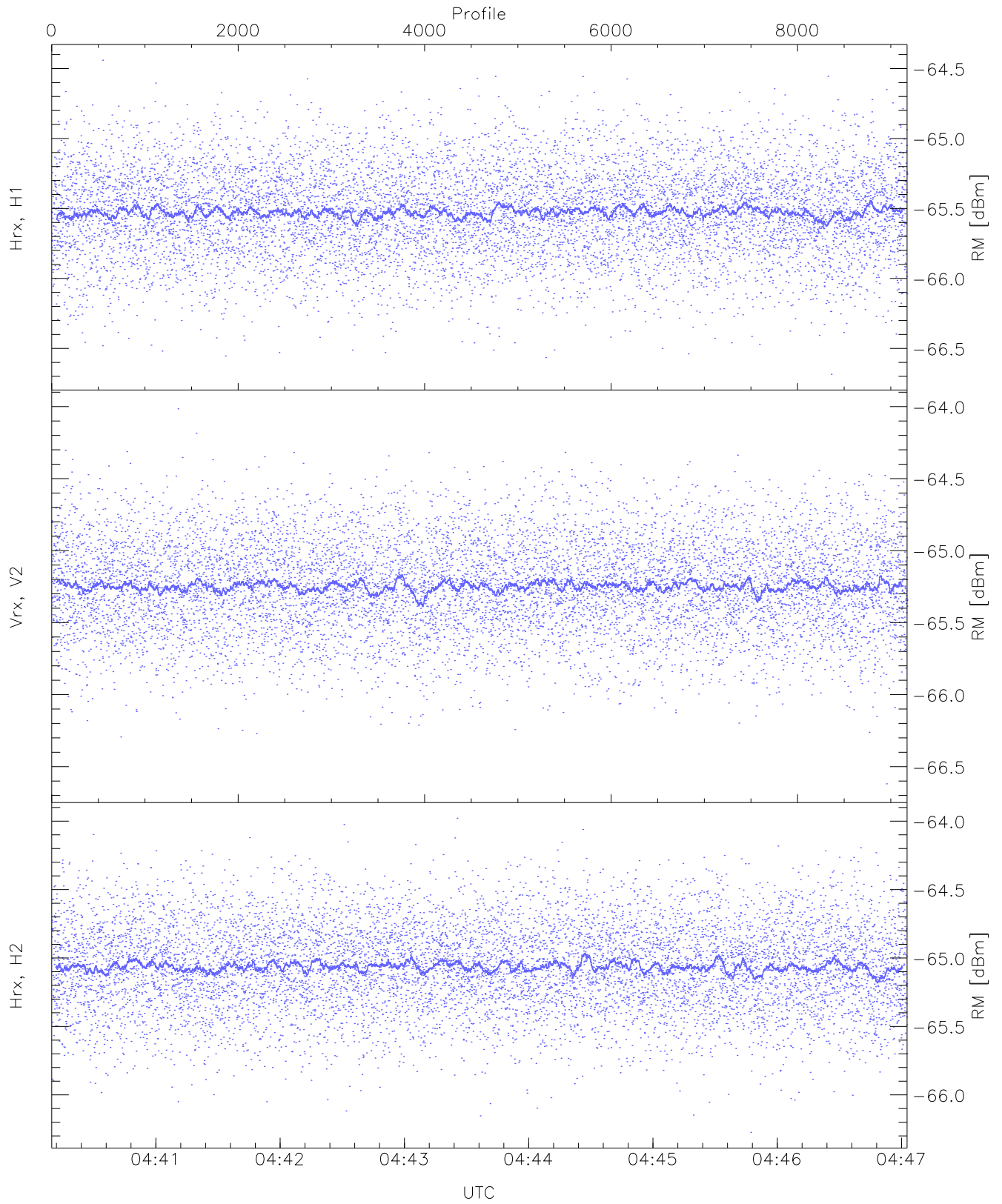
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.19	-63.85	-65.05	-65.06	-76.54
Vrx, V2 (WL [dBm])	-66.33	-63.80	-65.19	-65.19	-76.72
Hrx, H2 (WL [dBm])	-66.26	-63.99	-65.05	-65.06	-76.59



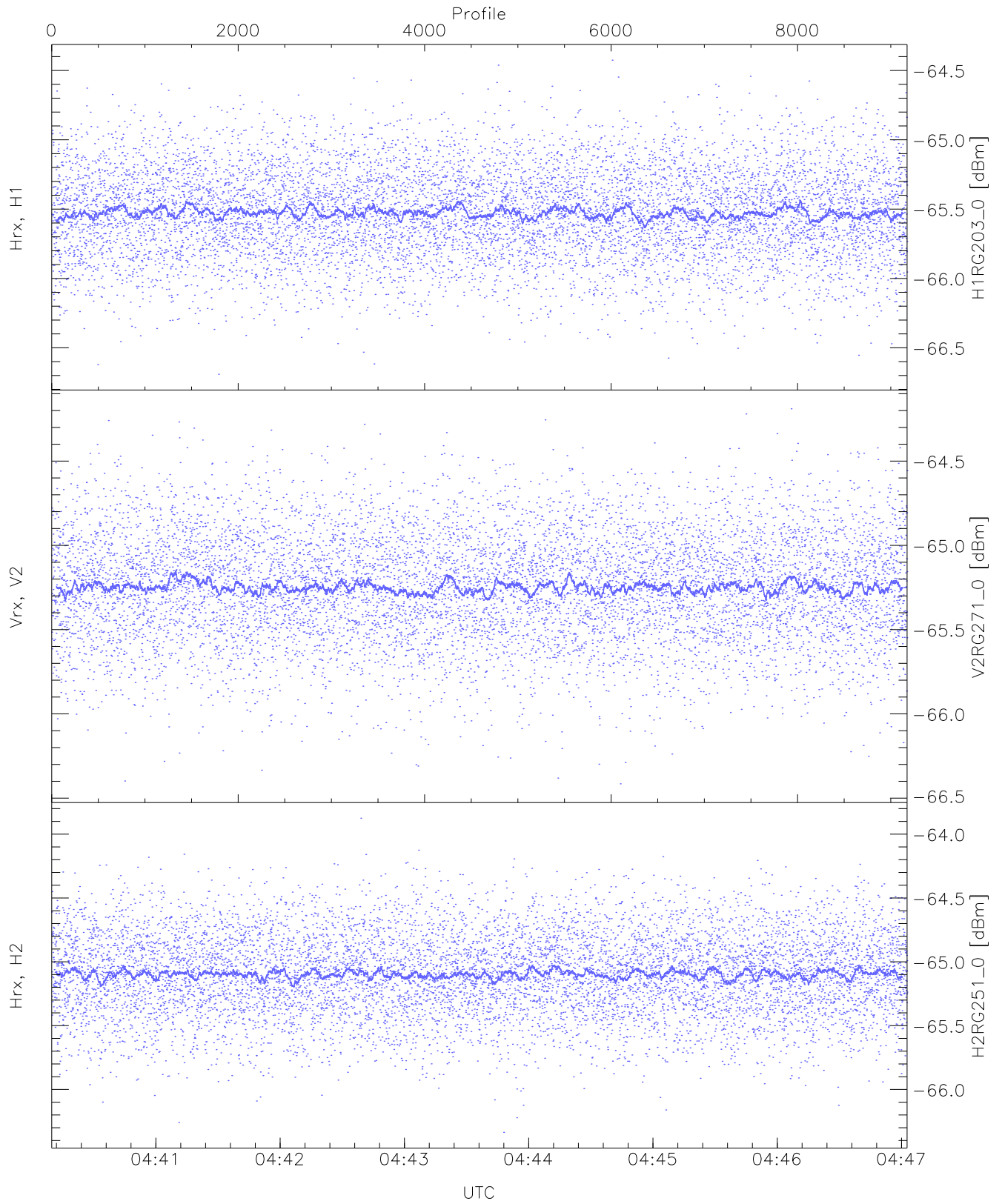
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.13	-63.64	-64.88	-64.88	-76.35
Vrx, V2 (HL [dBm])	-66.15	-63.79	-65.03	-65.03	-76.55
Hrx, H2 (HL [dBm])	-66.46	-63.84	-64.88	-64.89	-76.32



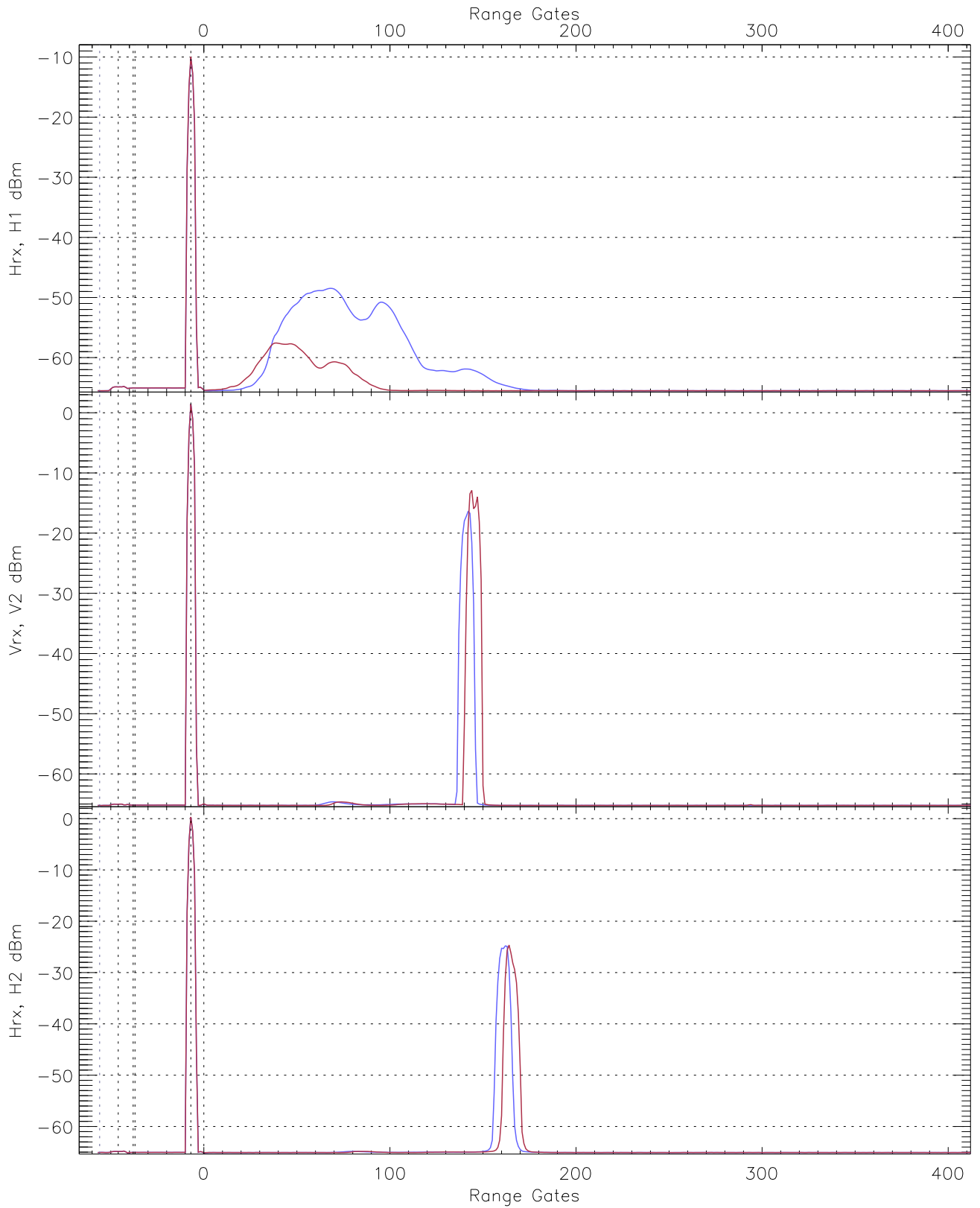
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.69	-64.44	-65.52	-65.52	-77.06
Vrx, V2 (RM [dBm])	-66.62	-64.02	-65.24	-65.25	-76.70
Hrx, H2 (RM [dBm])	-66.27	-63.98	-65.06	-65.07	-76.59

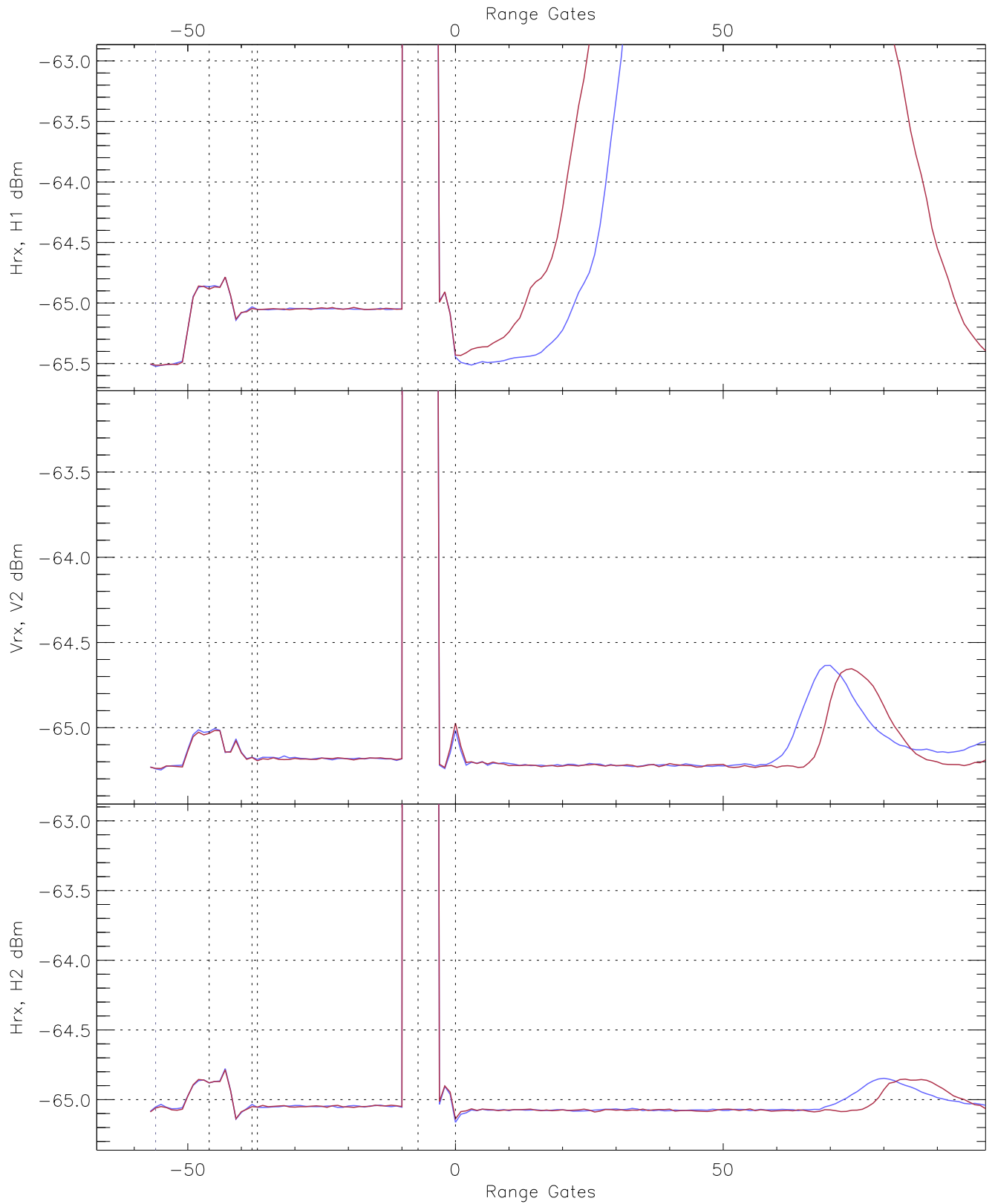


WCR3 CPP "Best" estimate Receivers Noise Power

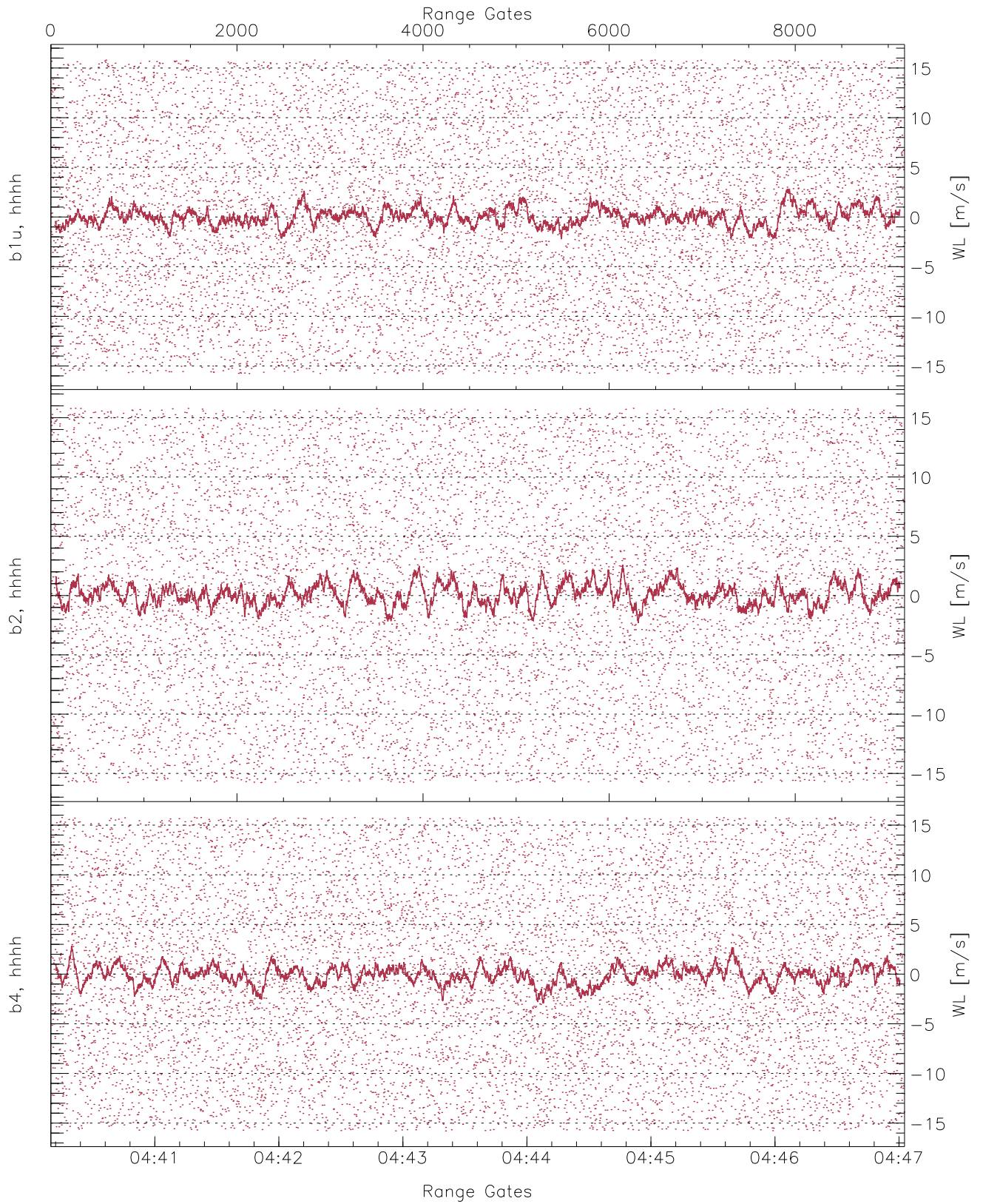
	Min	Max	Mean	Median	StDev
H1RG203_0 [dBm]	-66.69	-64.43	-65.52	-65.53	-77.00
V2RG271_0 [dBm]	-66.41	-64.19	-65.24	-65.24	-76.78
H2RG251_0 [dBm]	-66.34	-63.88	-65.09	-65.10	-76.56



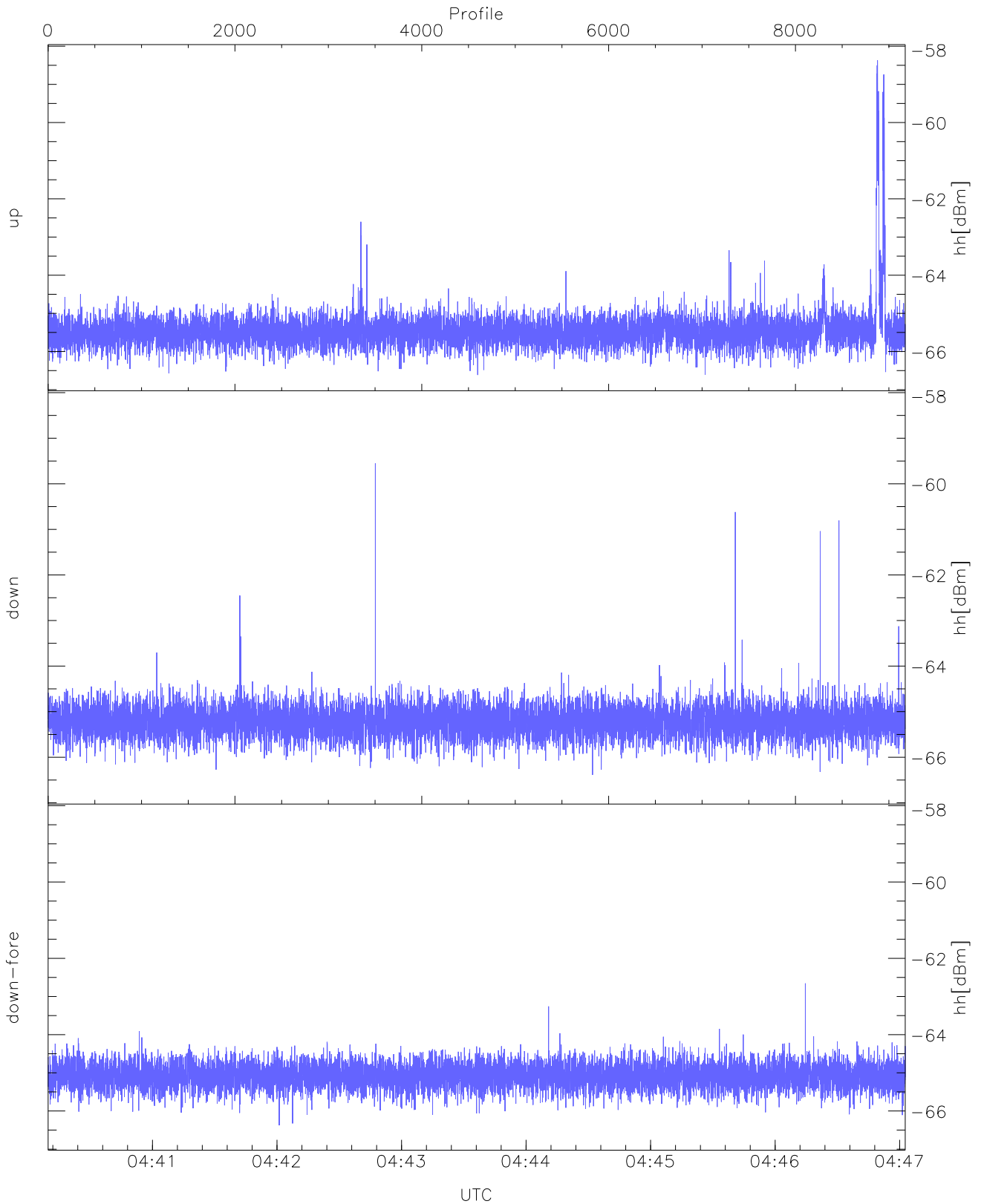
WCR3 CPP Averaged Received power for all recorded gates
blue: 044010-044336, 4589 profiles averaged
red: 044336-044703, 4588 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 044010-044336, 4589 profiles averaged
red: 044336-044703, 4588 profiles averaged

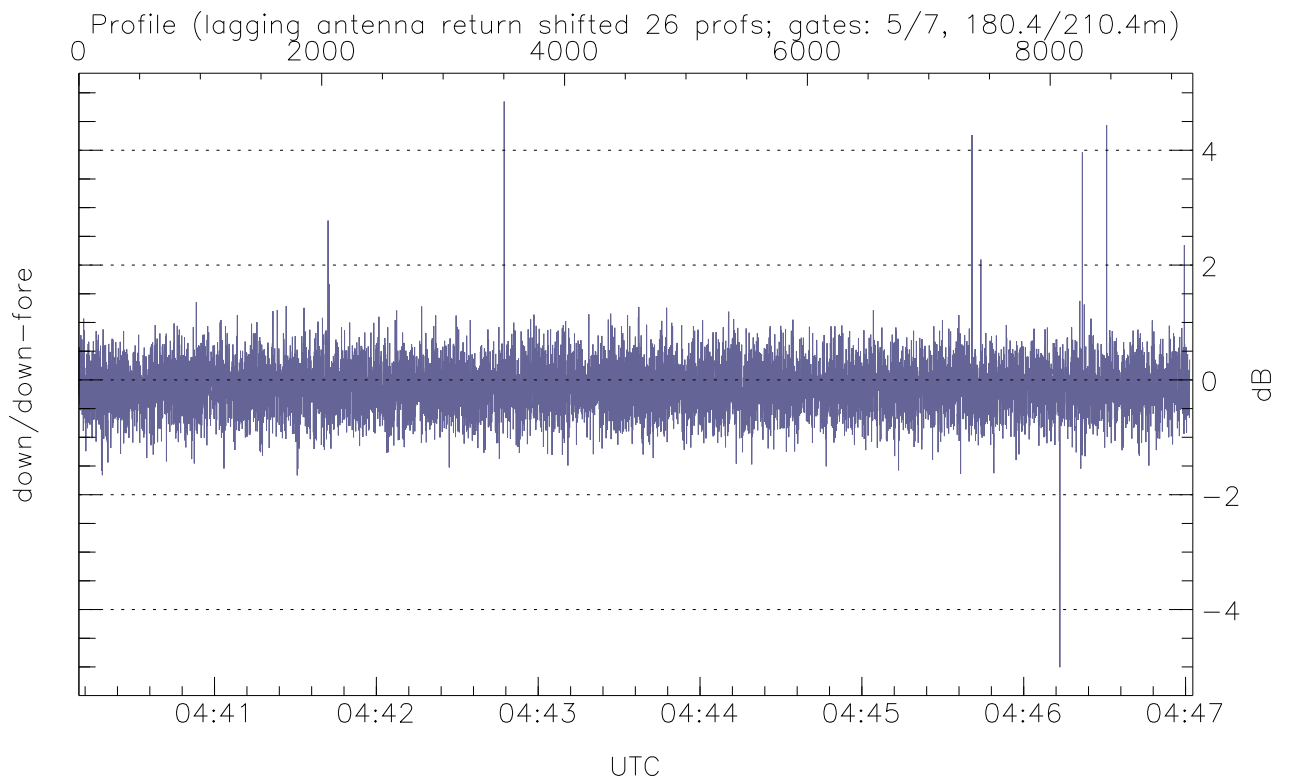
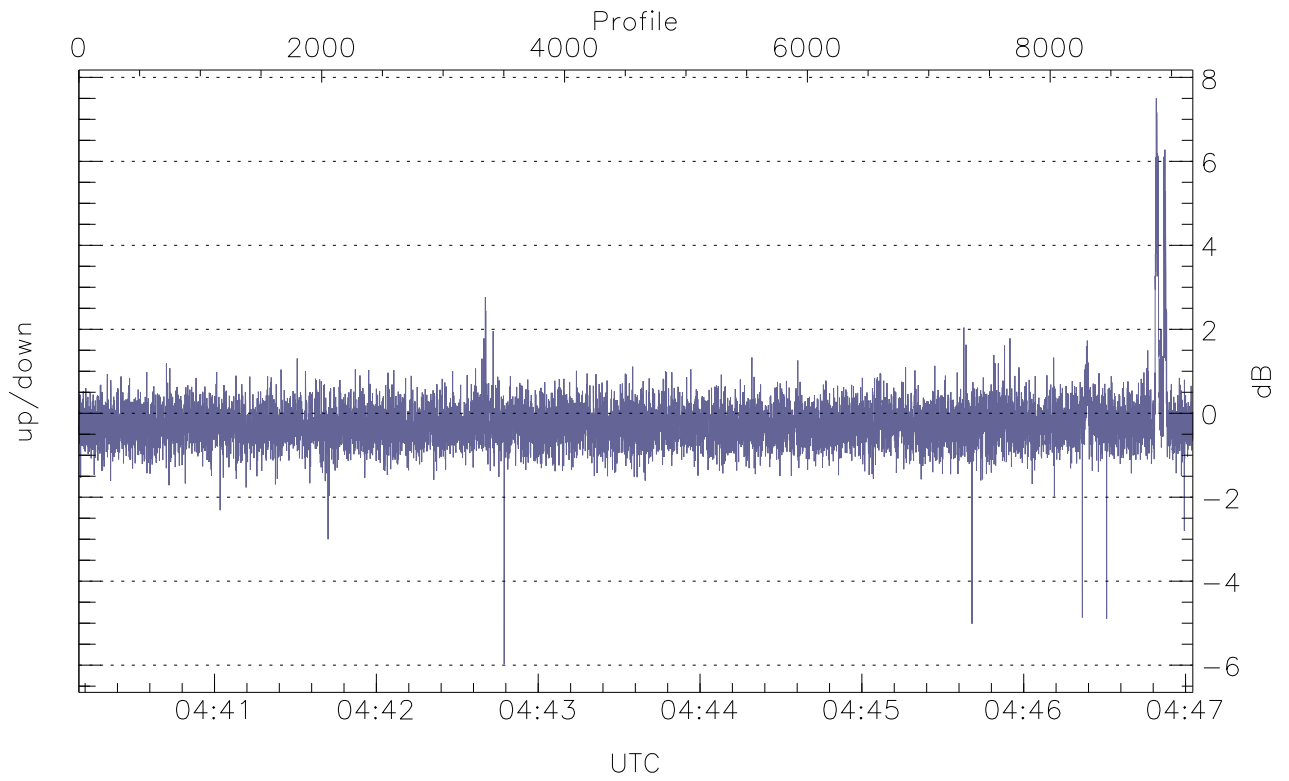


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



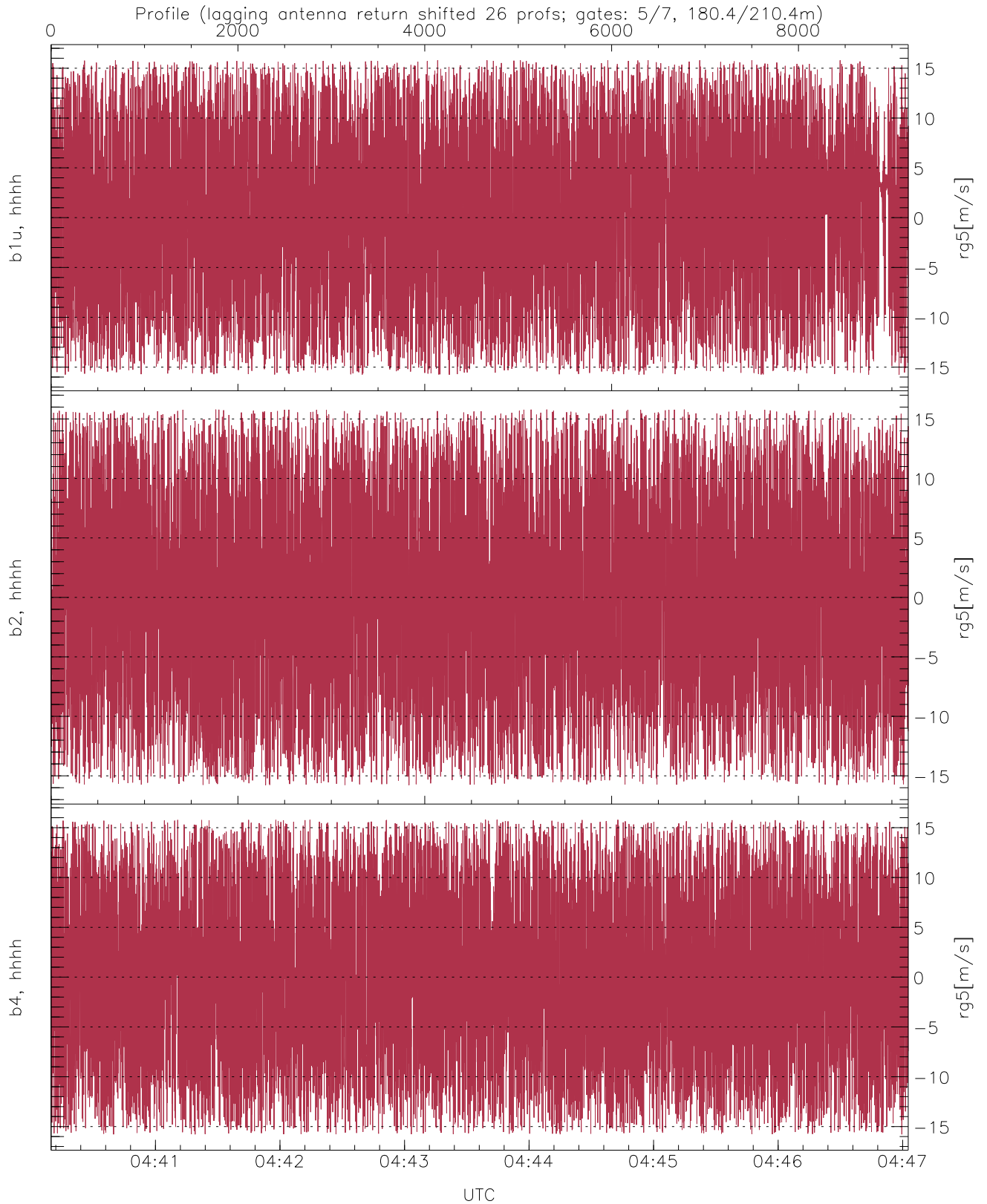
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.61	-58.37	-65.42
down(hh[dBm])	-66.39	-59.55	-65.20
down-fore(hh[dBm])	-66.38	-62.66	-65.07



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

	Min	Max	Mean
up/down (dB)	-5.97	7.50	-0.25
down/down-fore (dB)	-5.01	4.85	-0.13



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.31	8.40
b2, hhhh(rg5[m/s])	-15.78	15.79	0.01	8.44
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.11	8.70