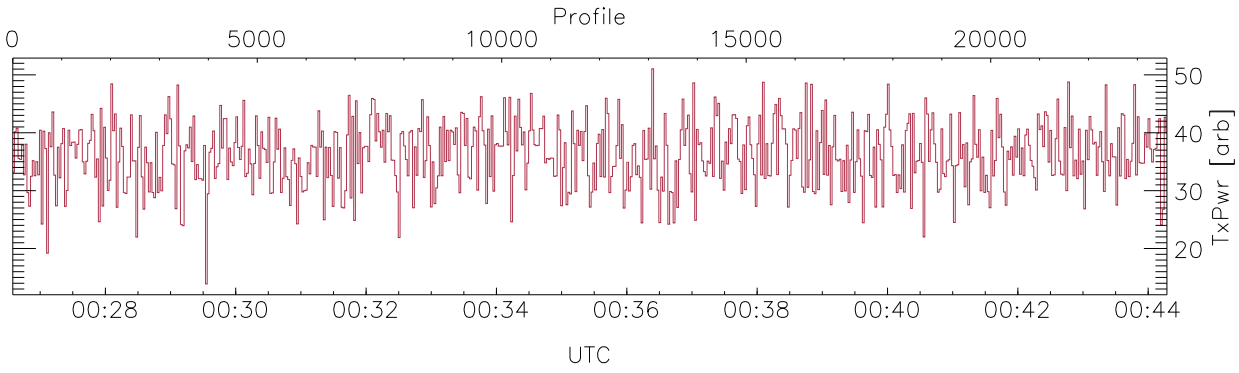
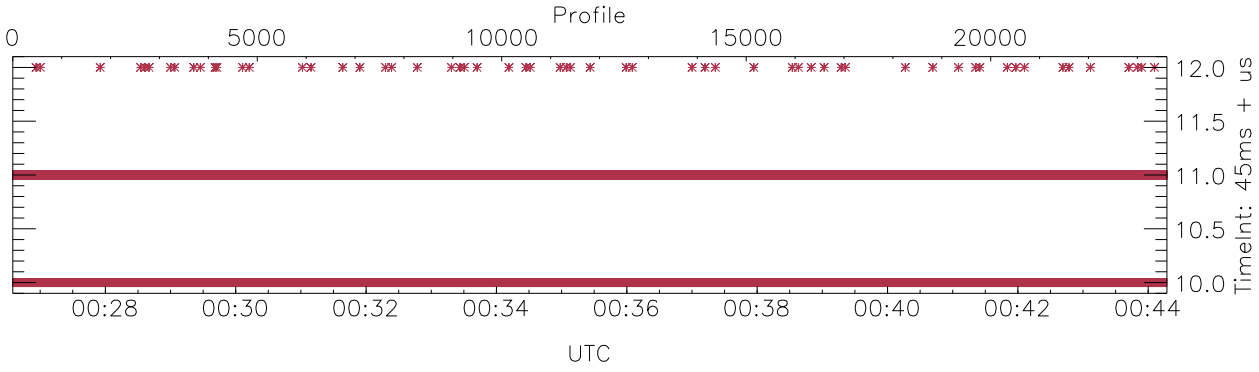
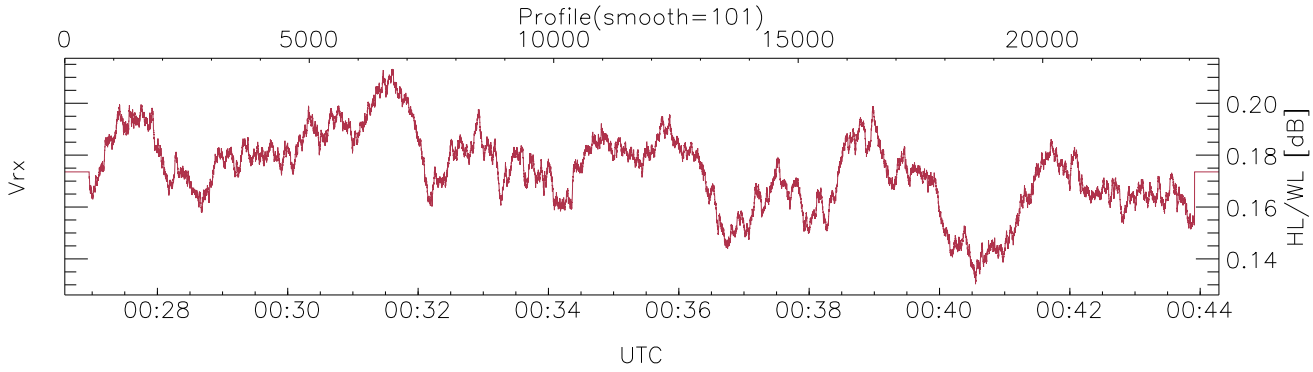
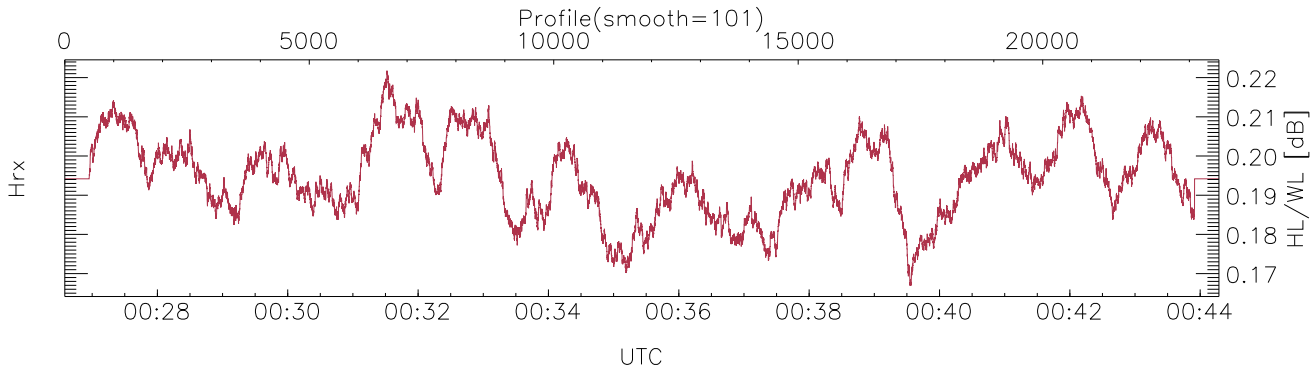


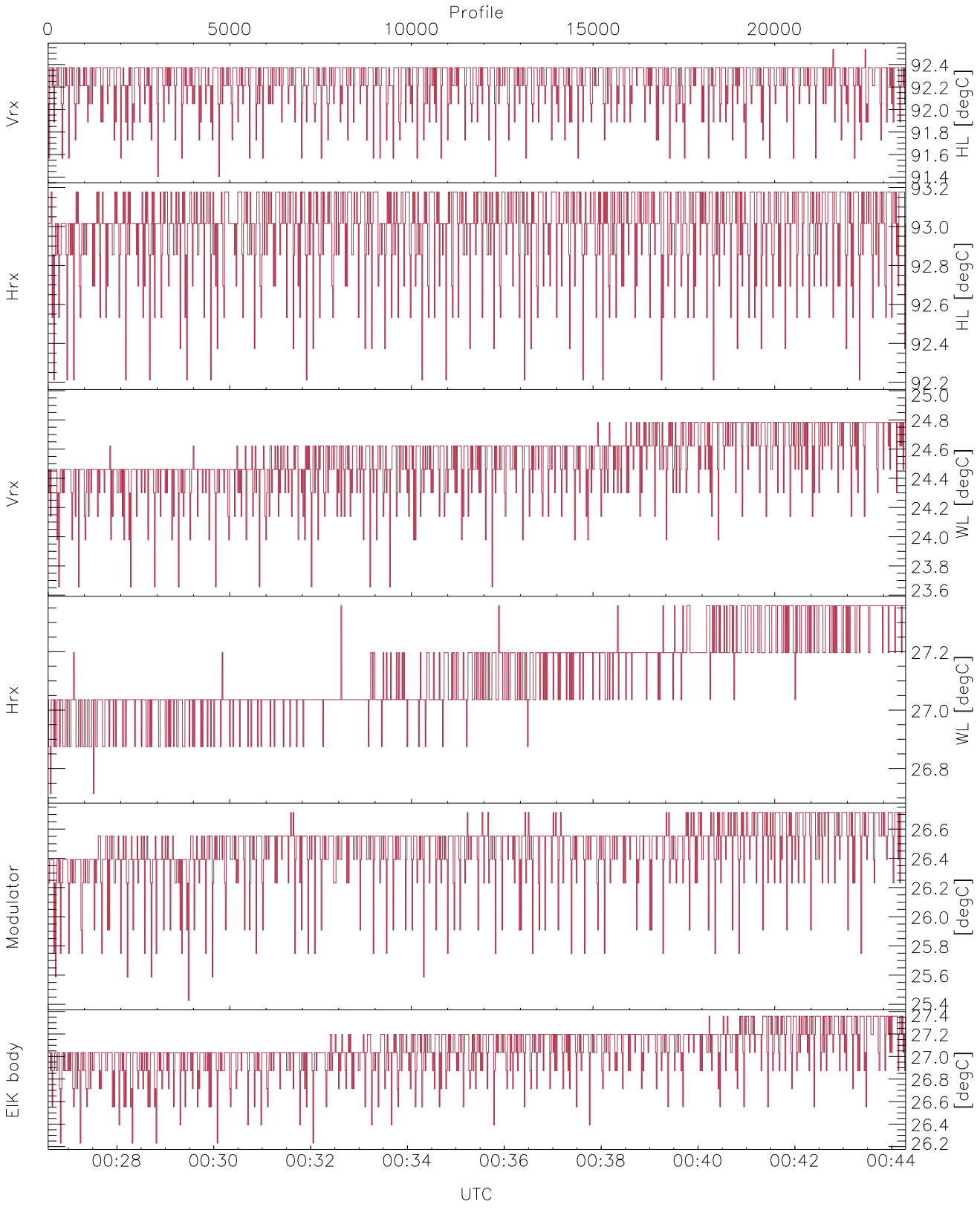






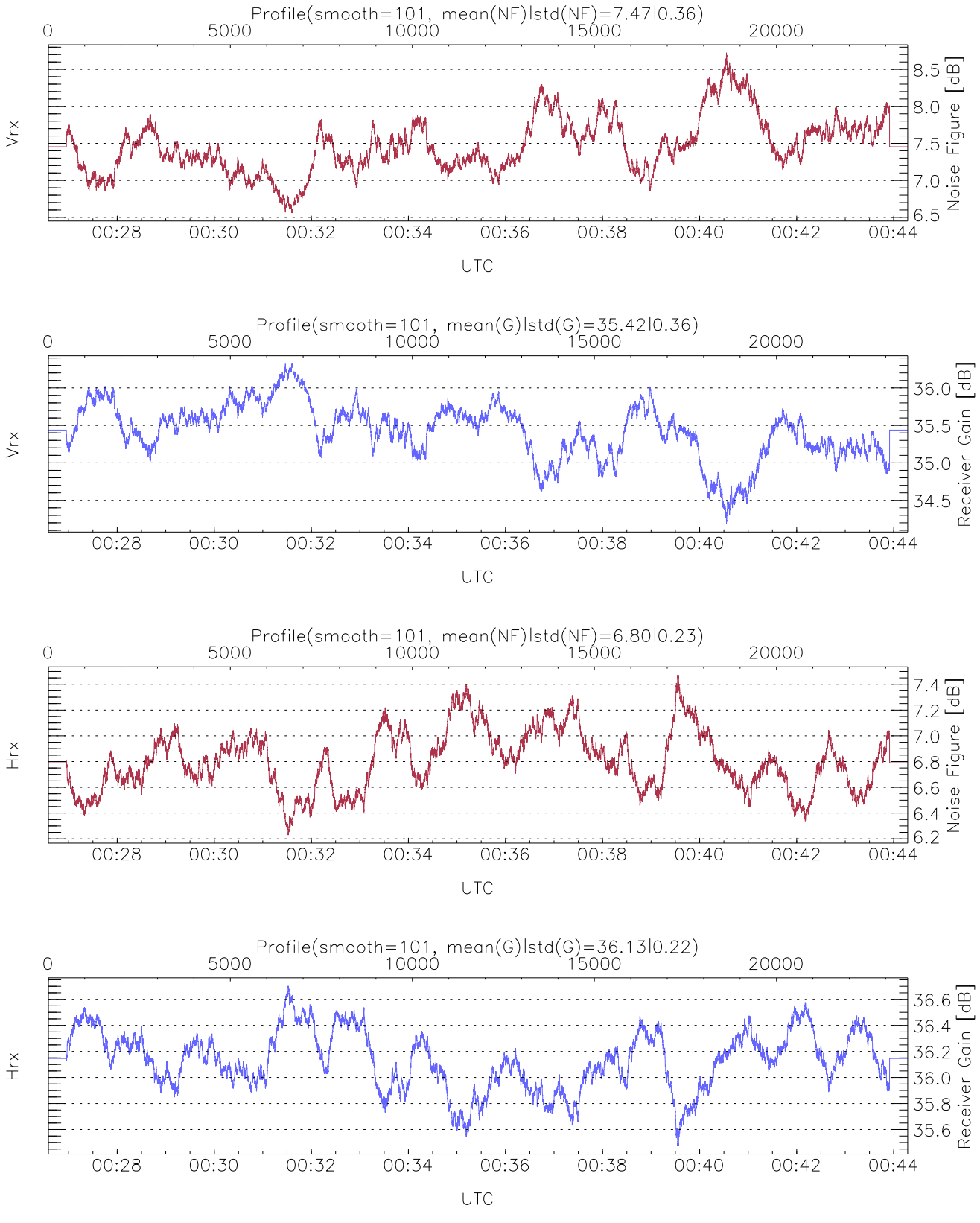
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:26:35-00:44:17, TimeCor: 0.00s, Dur: 1062.49s
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): 23606/23606, 0-23605/00:26:35-00:44:17
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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideup|error): 1



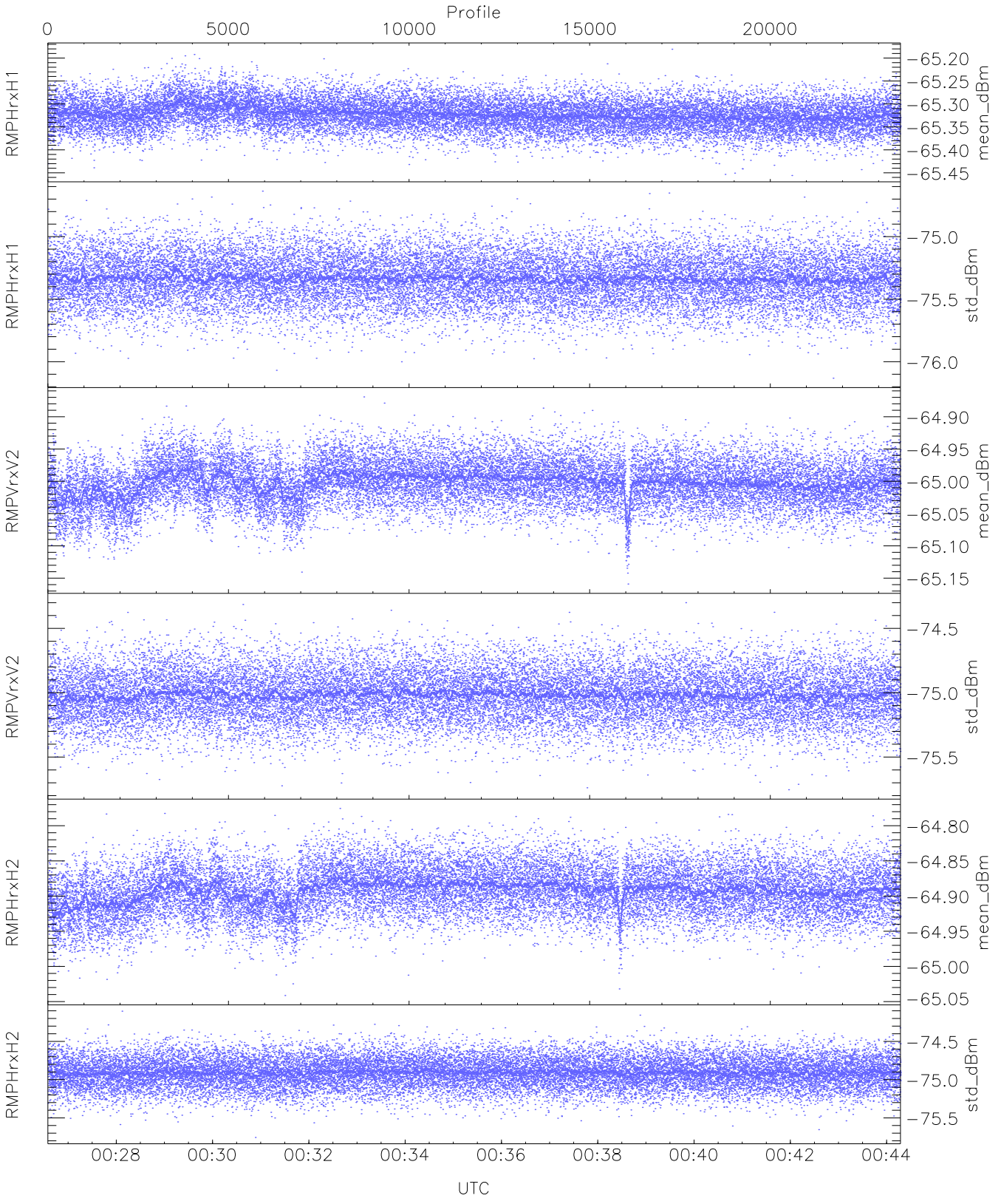
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,26,27
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (44,44,44,66,44,44)



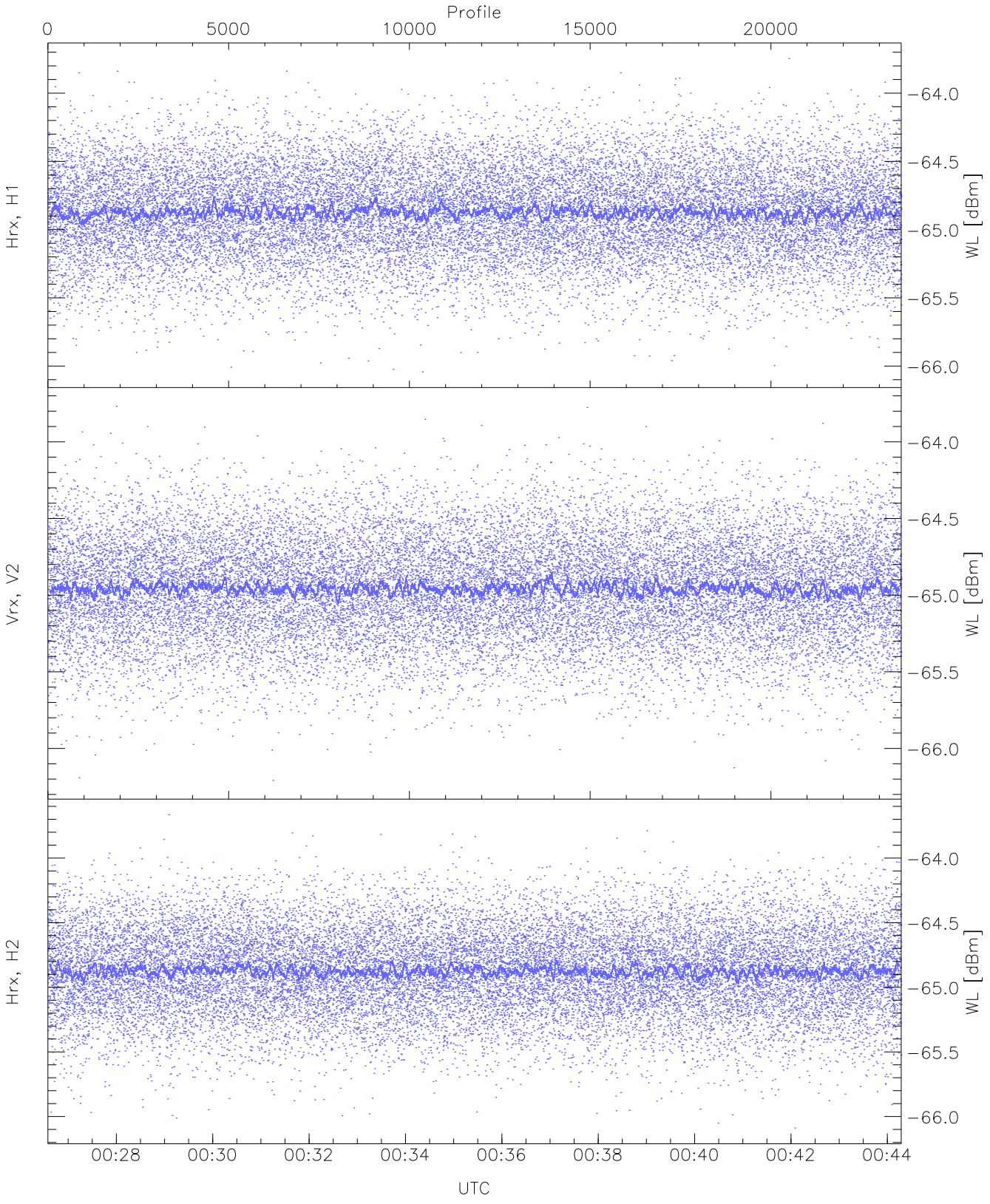
WCR3 CPP Receivers Gain and Noise Figure

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



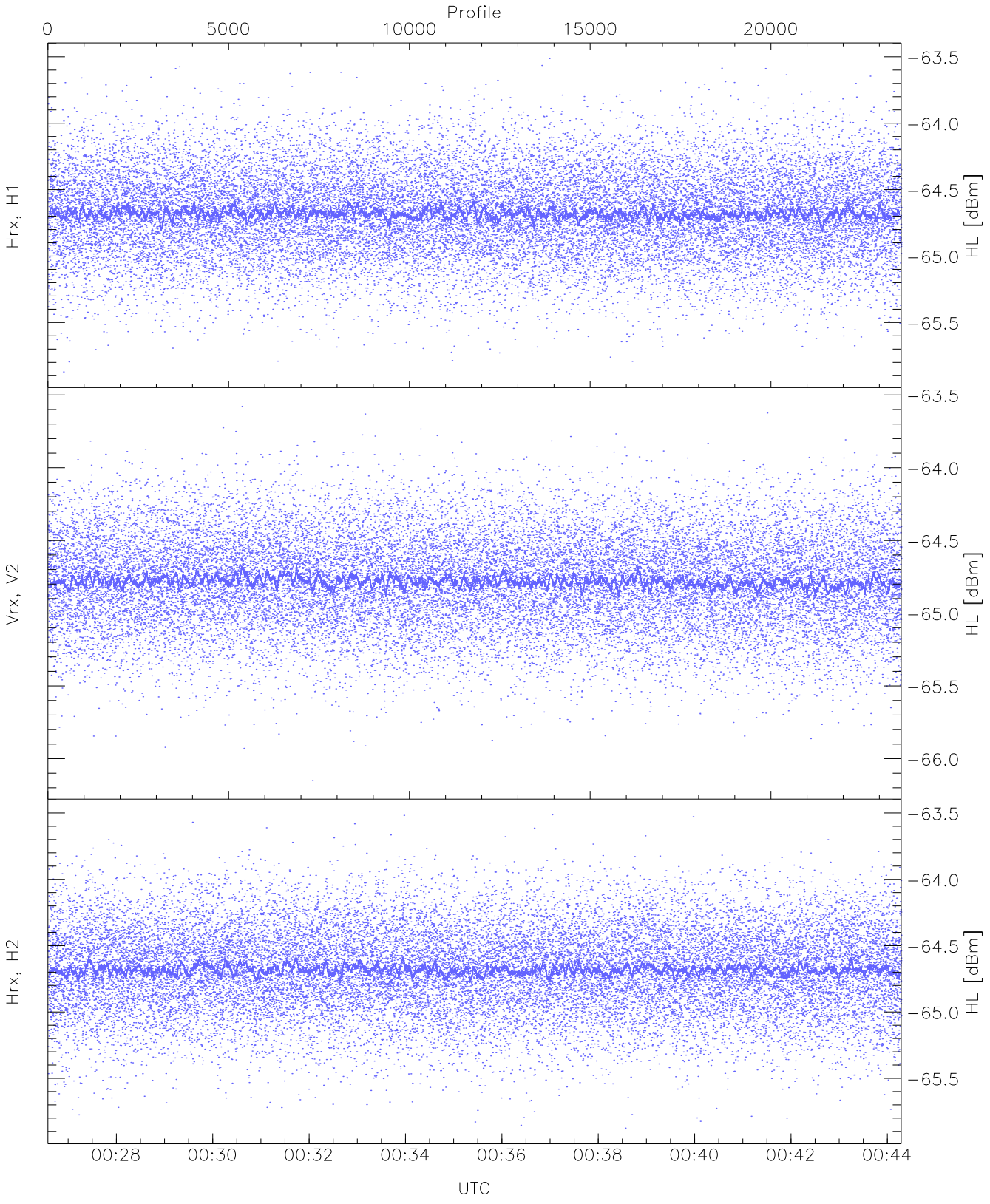
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.18	-65.32	-65.32	-86.80
RMPHrxH1(std_dBm)	-76.13	-74.64	-75.34	-75.34	-89.14
RMPVrxV2(mean_dBm)	-65.16	-64.87	-65.00	-65.00	-86.19
RMPVrxV2(std_dBm)	-75.75	-74.30	-75.02	-75.02	-88.79
RMPHrxH2(mean_dBm)	-65.04	-64.78	-64.89	-64.89	-86.21
RMPHrxH2(std_dBm)	-75.76	-74.10	-74.91	-74.91	-88.69



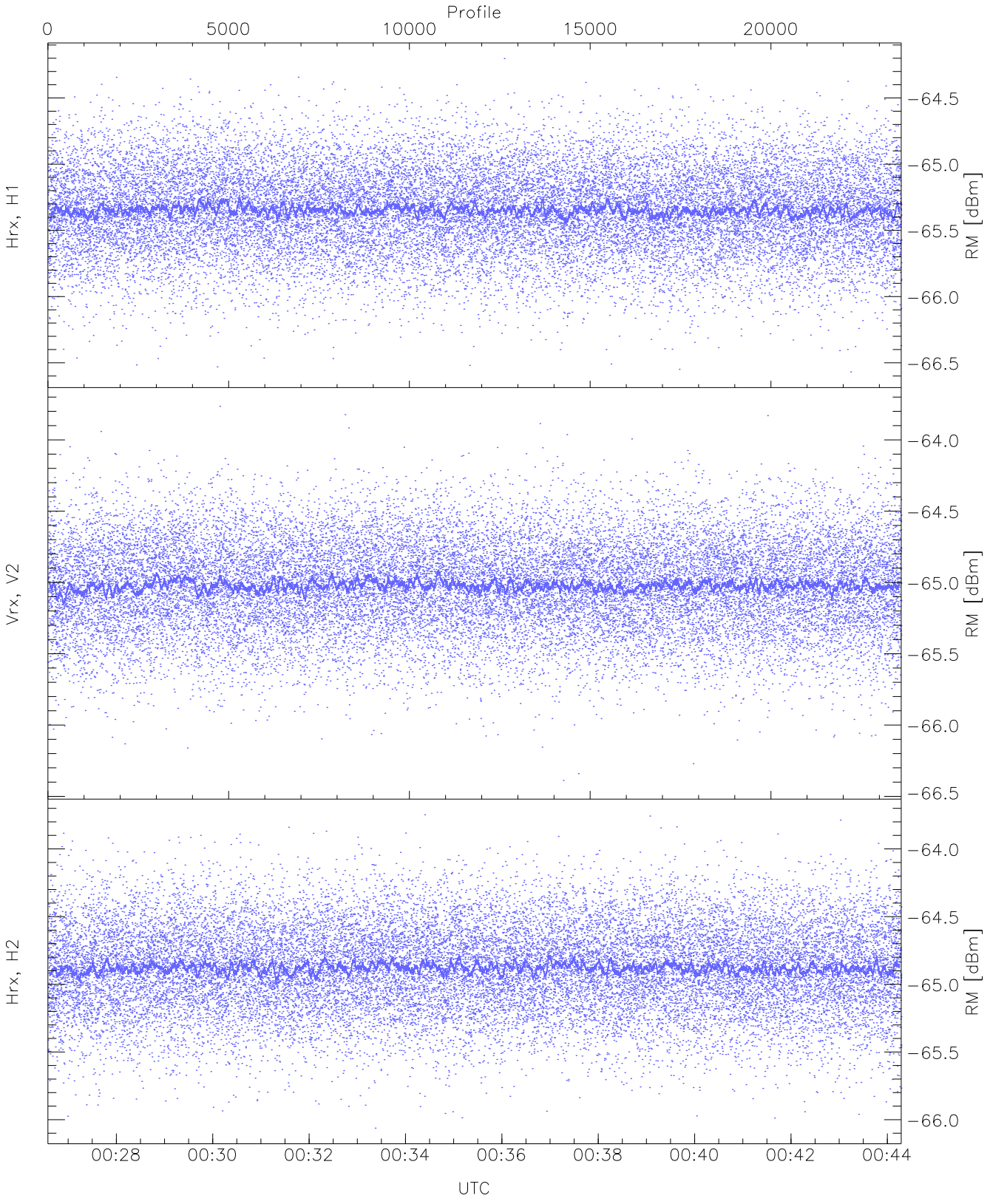
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.04	-63.75	-64.87	-64.87	-76.38
Vrx, V2(WL [dBm])	-66.21	-63.77	-64.95	-64.95	-76.47
Hrx, H2(WL [dBm])	-66.09	-63.67	-64.87	-64.87	-76.40



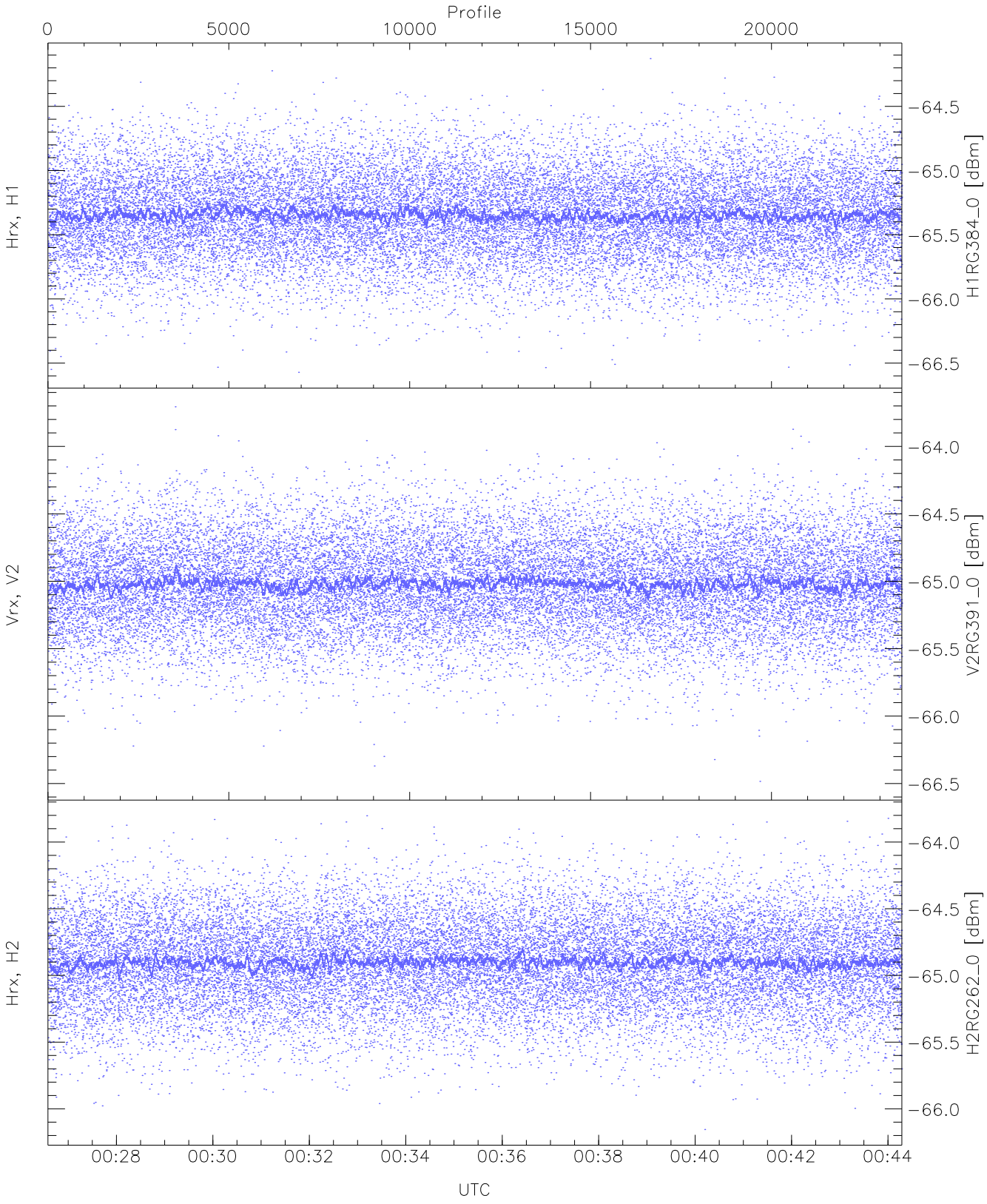
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.87	-63.51	-64.67	-64.68	-76.18
Vrx, V2(HL [dBm])	-66.15	-63.58	-64.77	-64.78	-76.30
Hrx, H2(HL [dBm])	-65.88	-63.51	-64.67	-64.68	-76.17



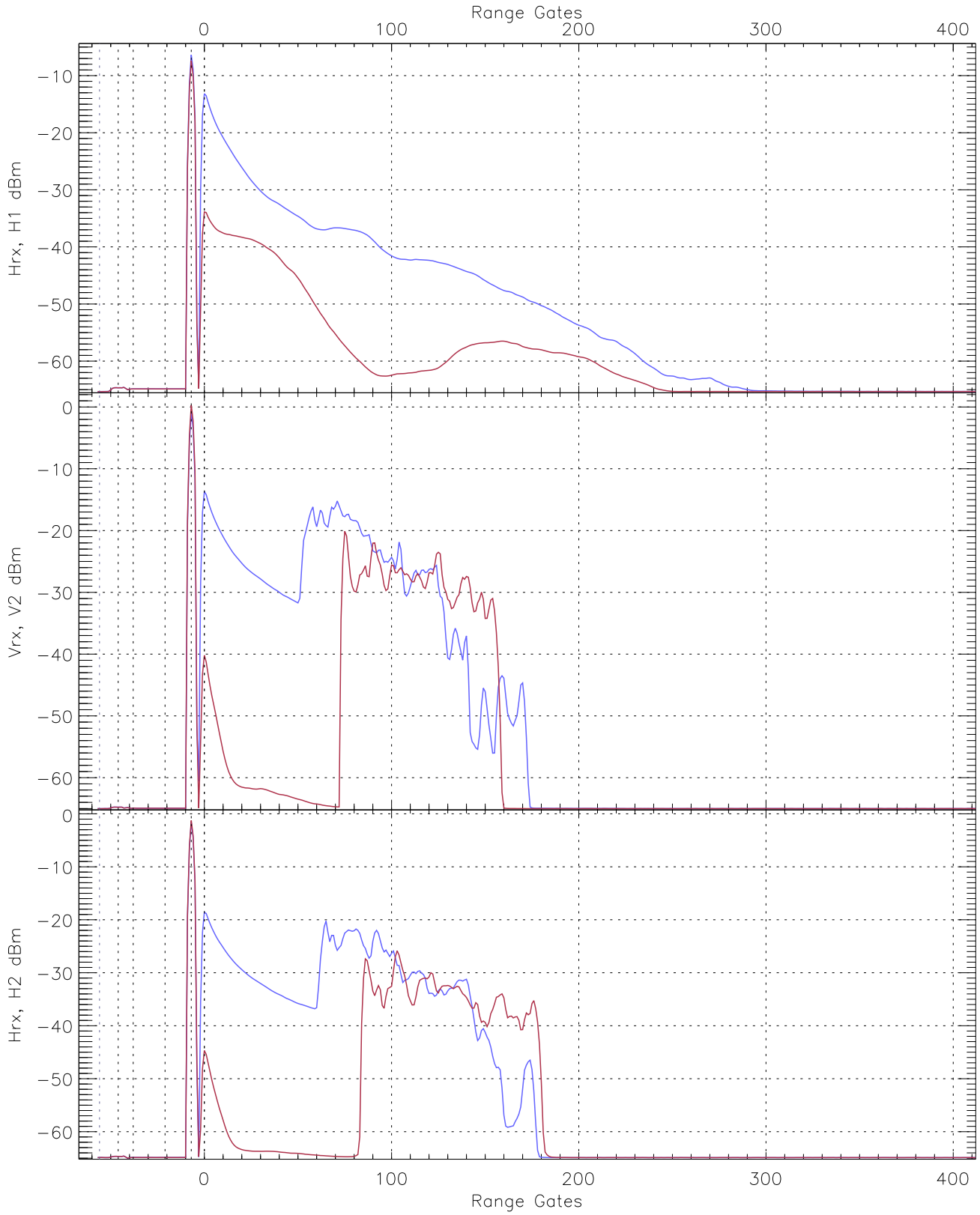
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.57	-64.20	-65.34	-65.35	-76.86
Vrx, V2(RM [dBm])	-66.39	-63.76	-65.01	-65.02	-76.55
Hrx, H2(RM [dBm])	-66.06	-63.75	-64.87	-64.88	-76.37

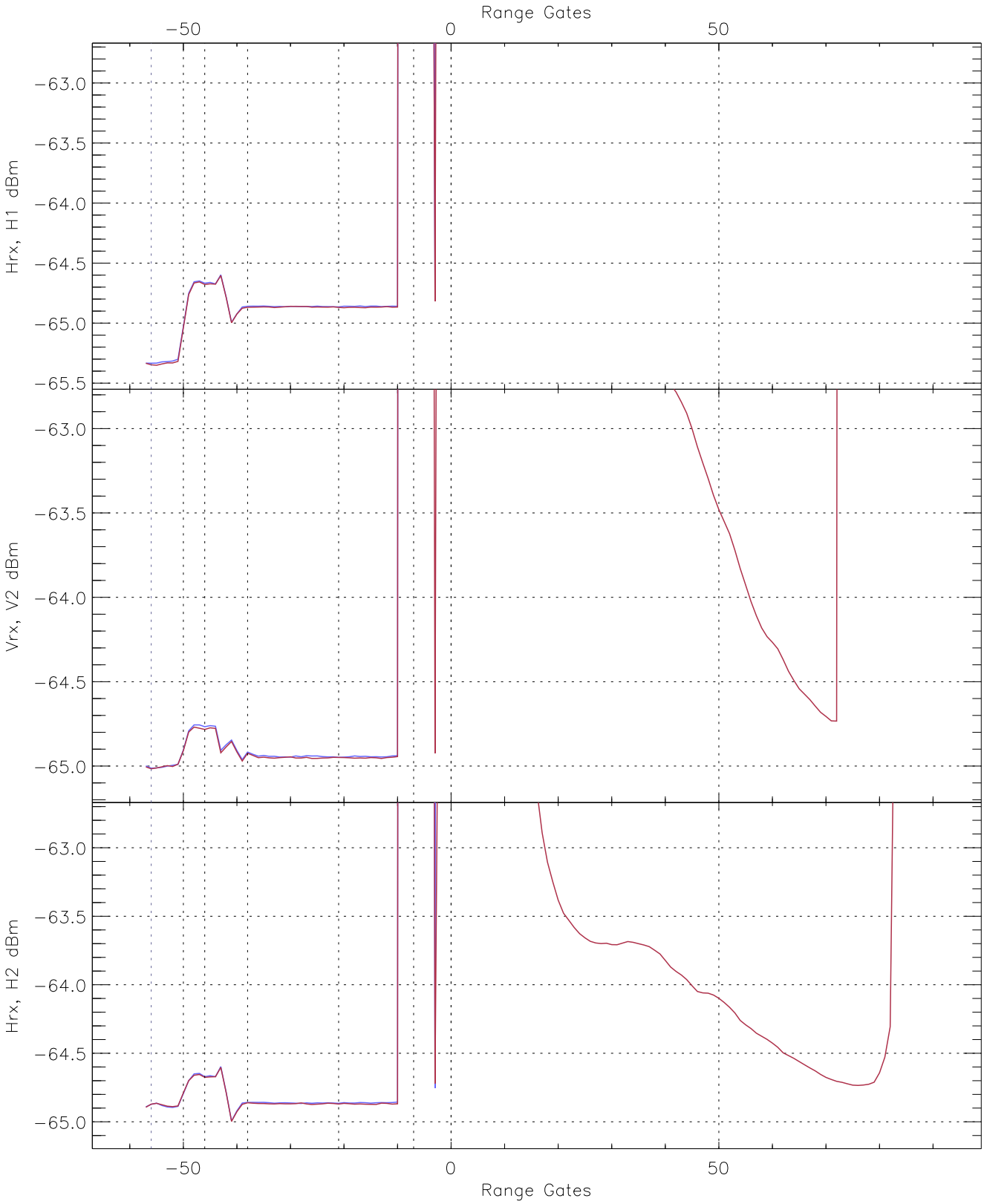


WCR3 CPP "Best" estimate Receivers Noise Power

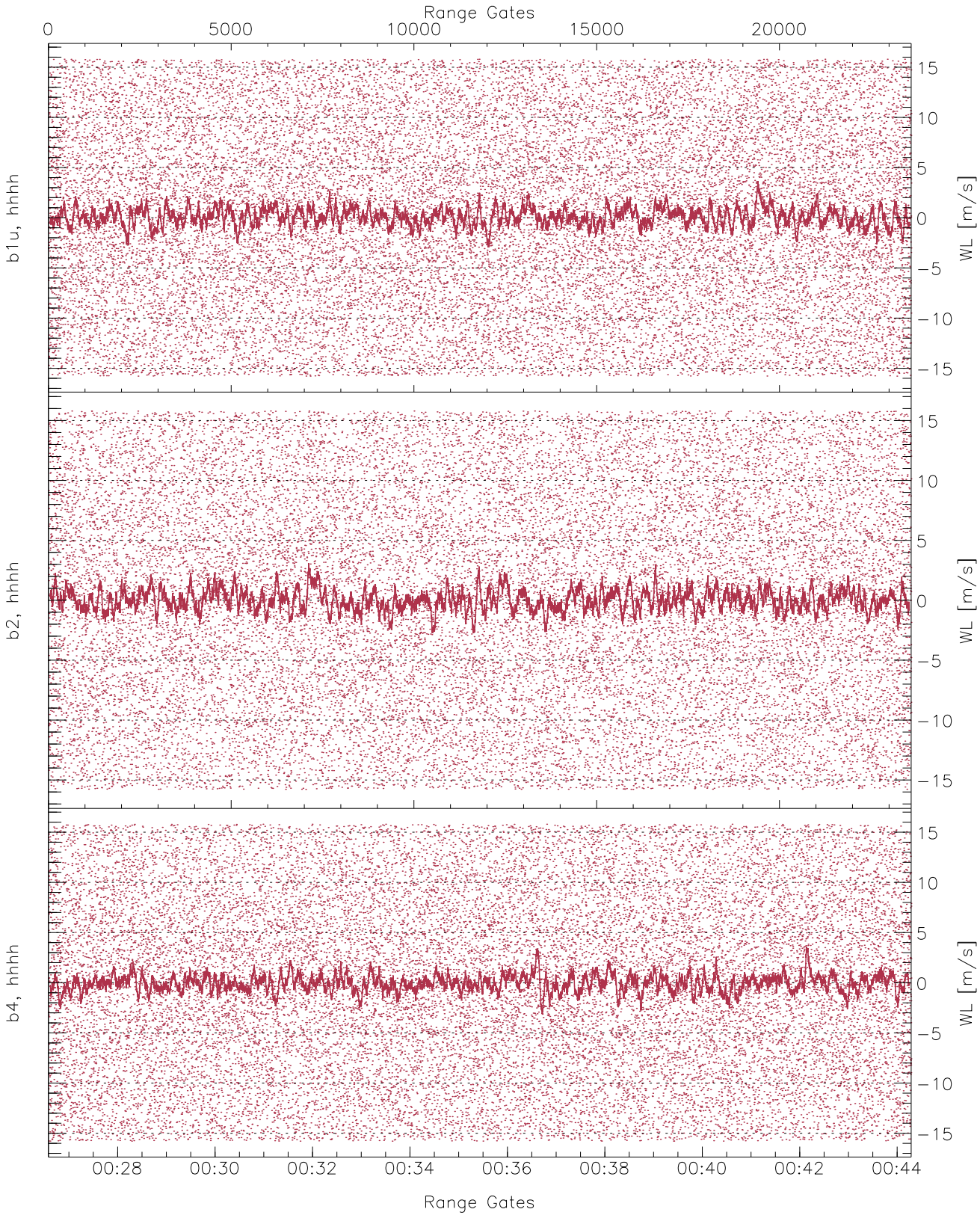
	Min	Max	Mean	Median	StDev
H1RG384_0 [dBm]	-66.57	-64.13	-65.34	-65.35	-76.86
V2RG391_0 [dBm]	-66.48	-63.71	-65.01	-65.02	-76.50
H2RG262_0 [dBm]	-66.16	-63.80	-64.90	-64.90	-76.43



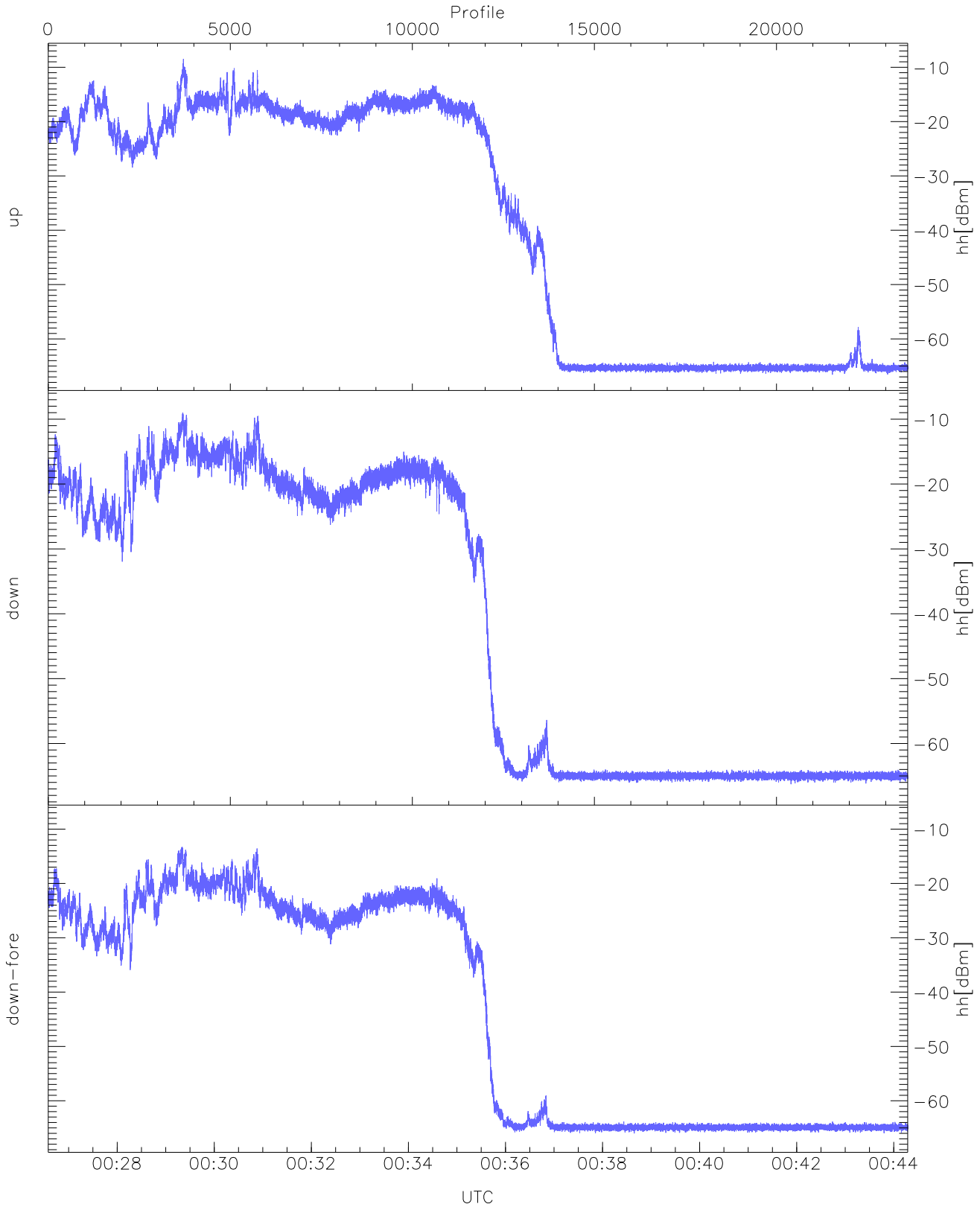
WCR3 CPP Averaged Received power for all recorded gates
blue: 002635-003526, 11804 profiles averaged
red: 003526-004417, 11803 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 002635-003526, 11804 profiles averaged
red: 003526-004417, 11803 profiles averaged

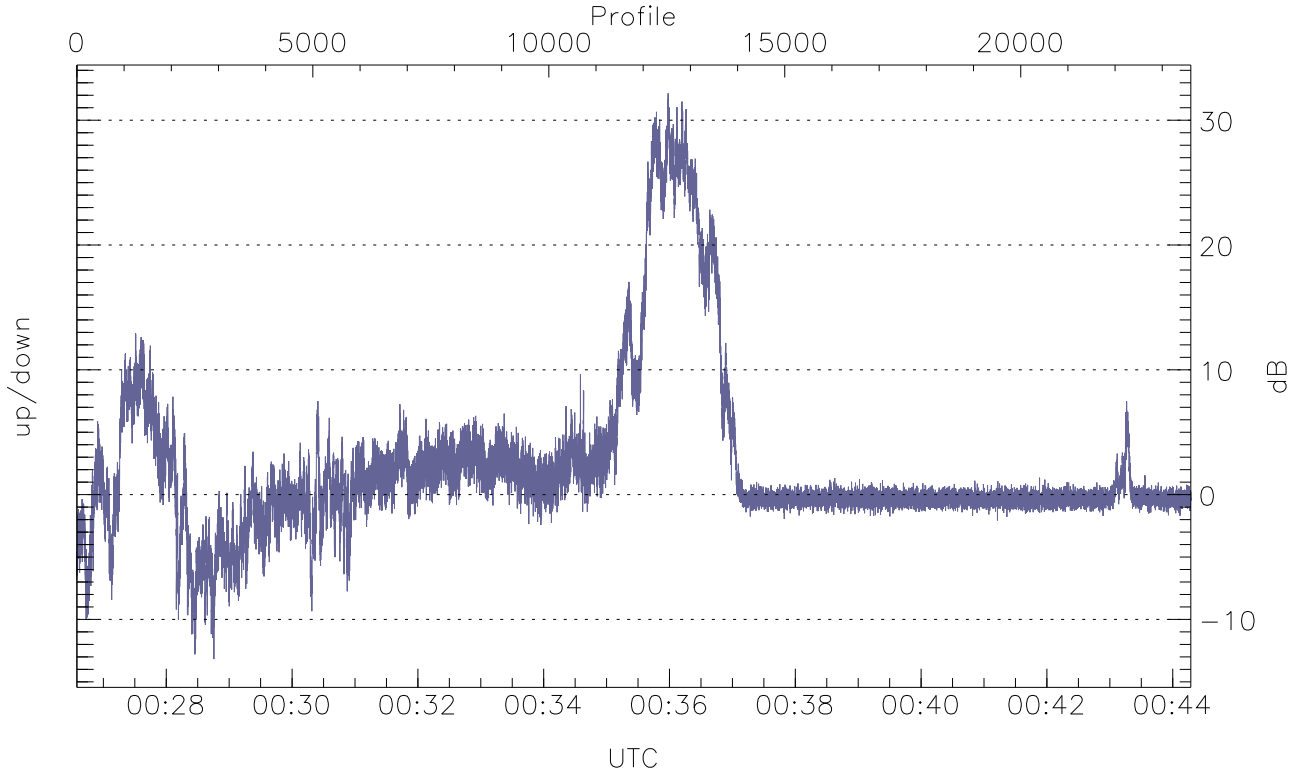


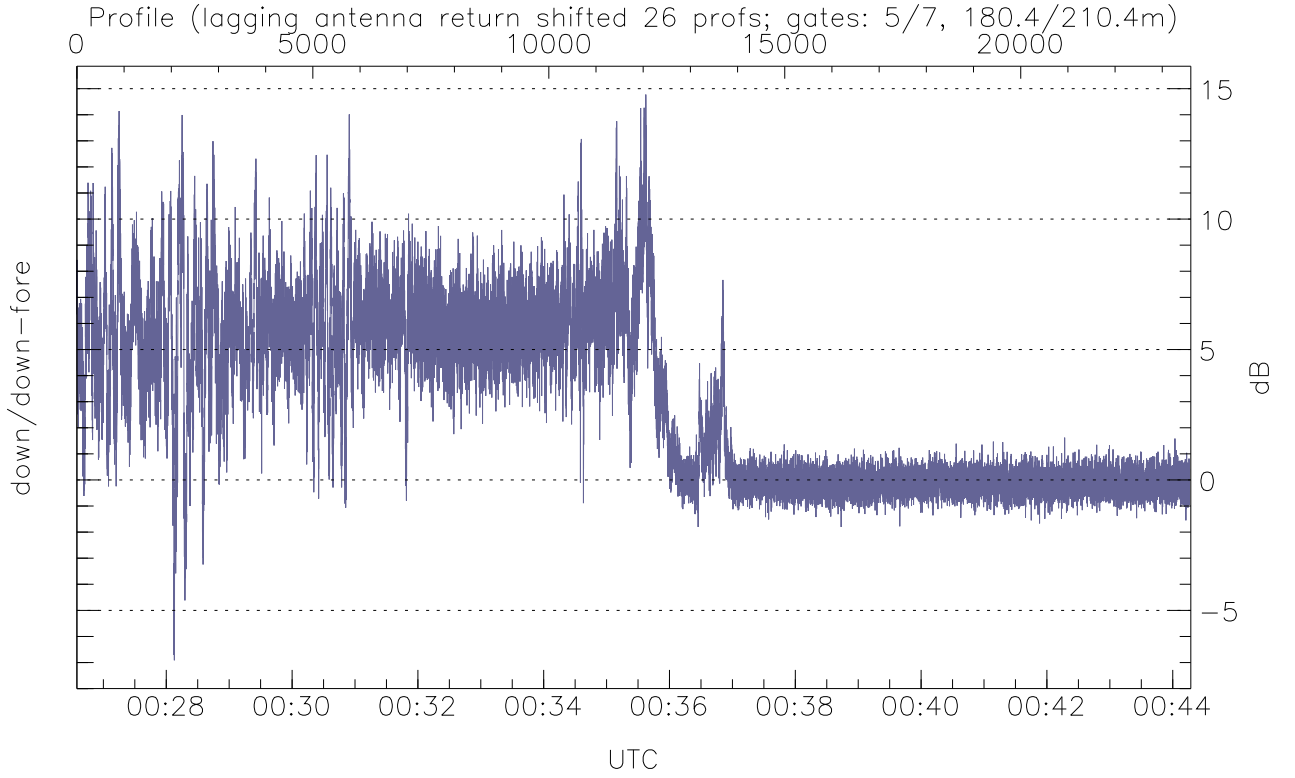
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

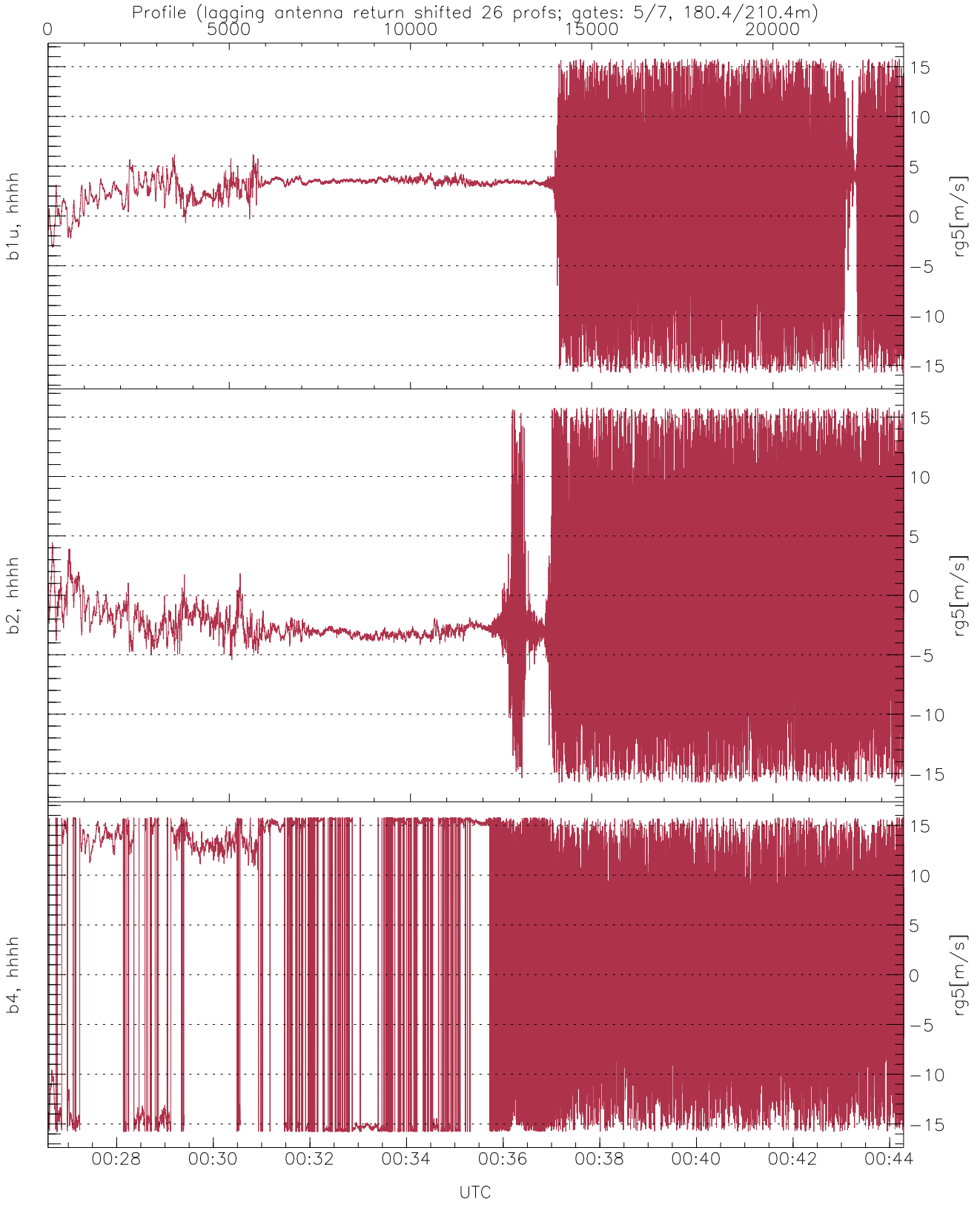
	Min	Max	Mean
up(hh[dBm])	-66.59	-8.48	-20.44
down(hh[dBm])	-66.27	-8.97	-20.85
down-fore(hh[dBm])	-66.01	-13.29	-25.27





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

	Min	Max	Mean
up/down(dB)	-13.18	32.16	2.28
down/down-fore(dB)	-6.91	14.78	3.12



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.81	5.56
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.48	5.85
b4, hhhh(rg5[m/s])	-15.79	15.79	2.36	12.21