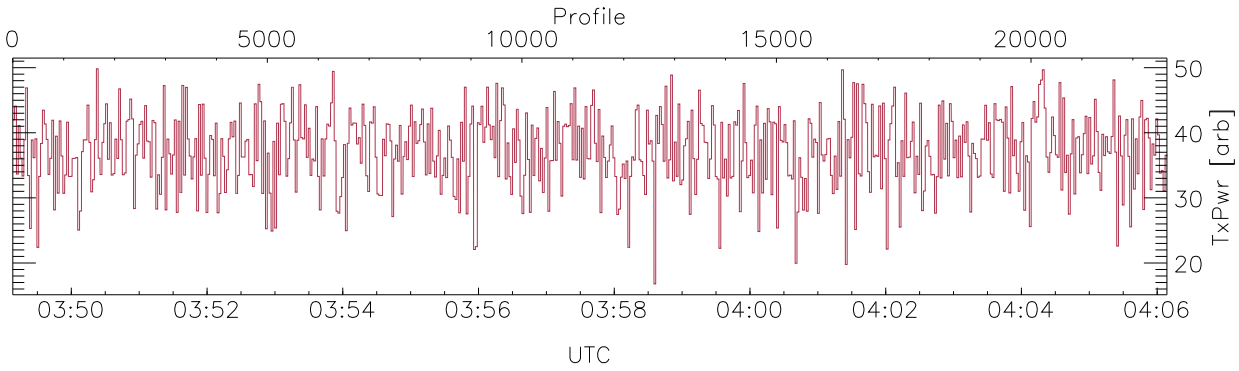
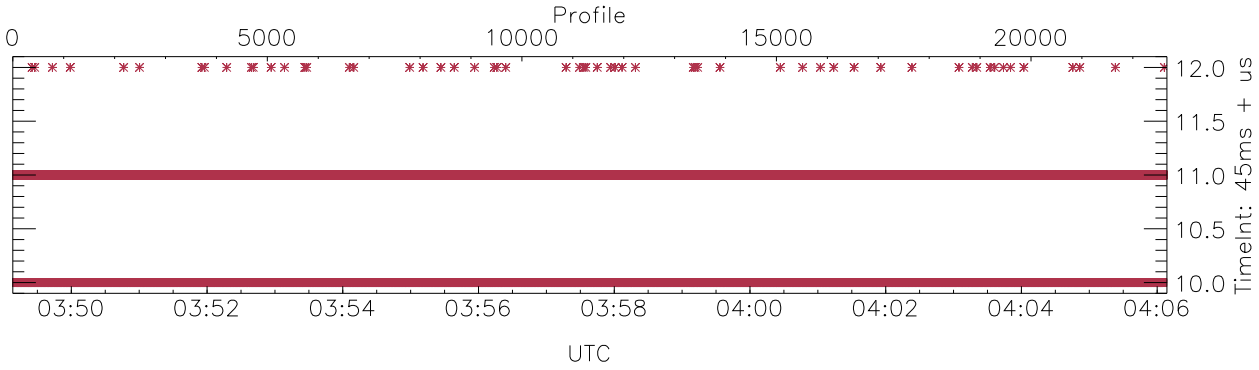
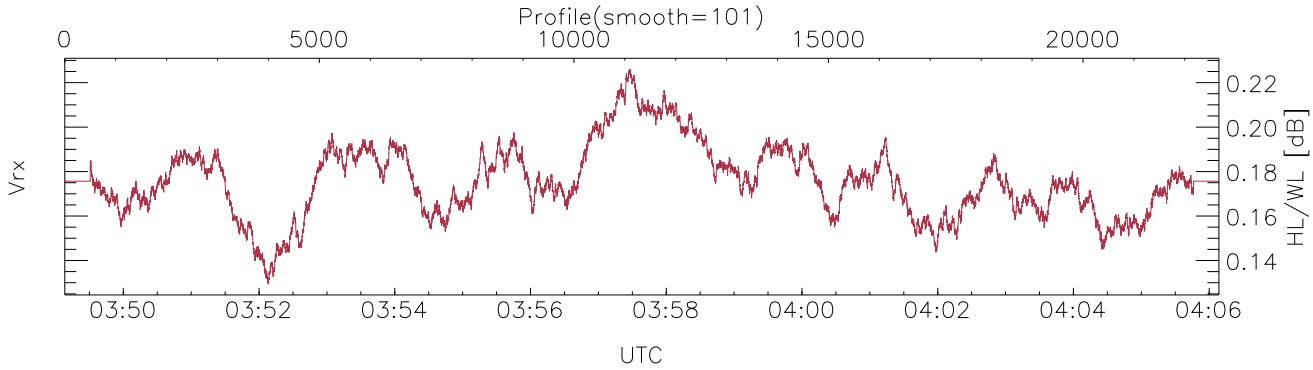
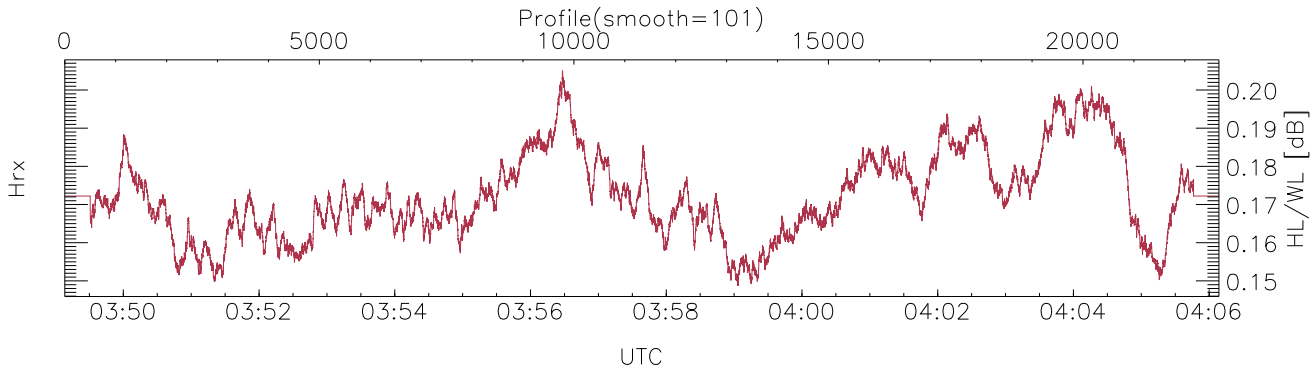


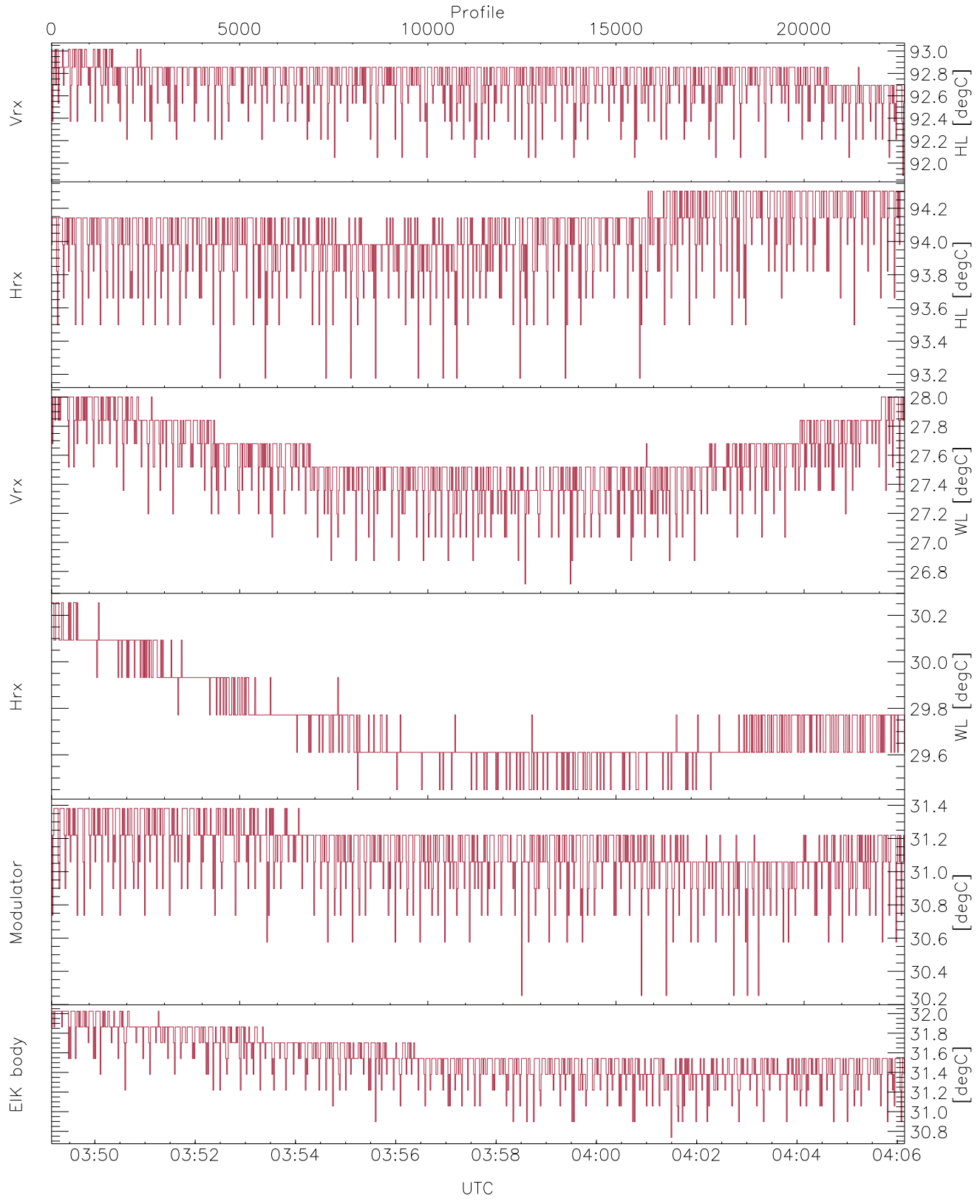






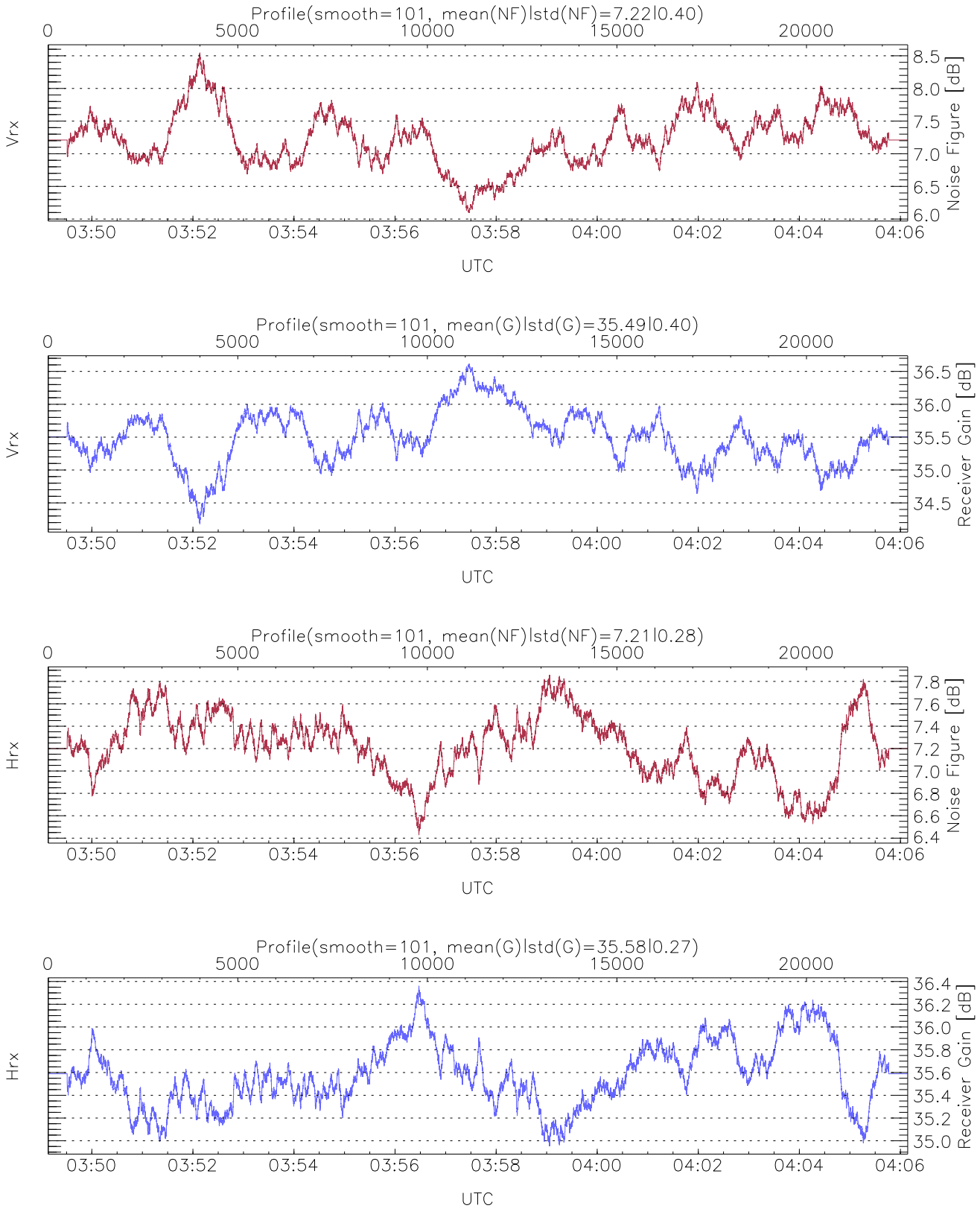
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:49:08-04:06:09, TimeCor: 0.00s, Dur: 1020.45s
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): 22672/22672, 0-22671/03:49:08-04:06:09
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|sideluplerror): 1



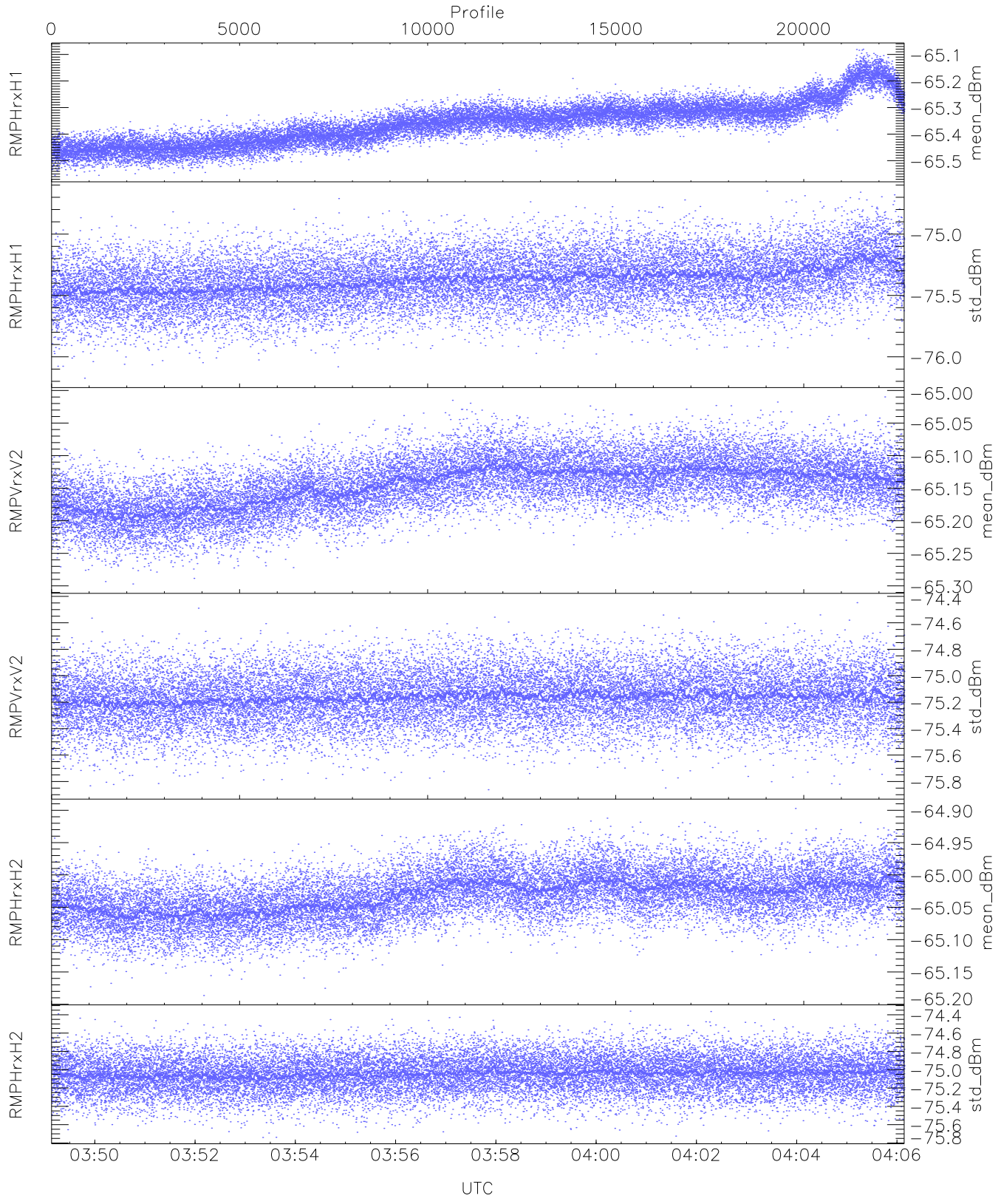
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,26,29,30,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,31,32
LOalarm(20,240,2817,14861 MHz): 0,0,48,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



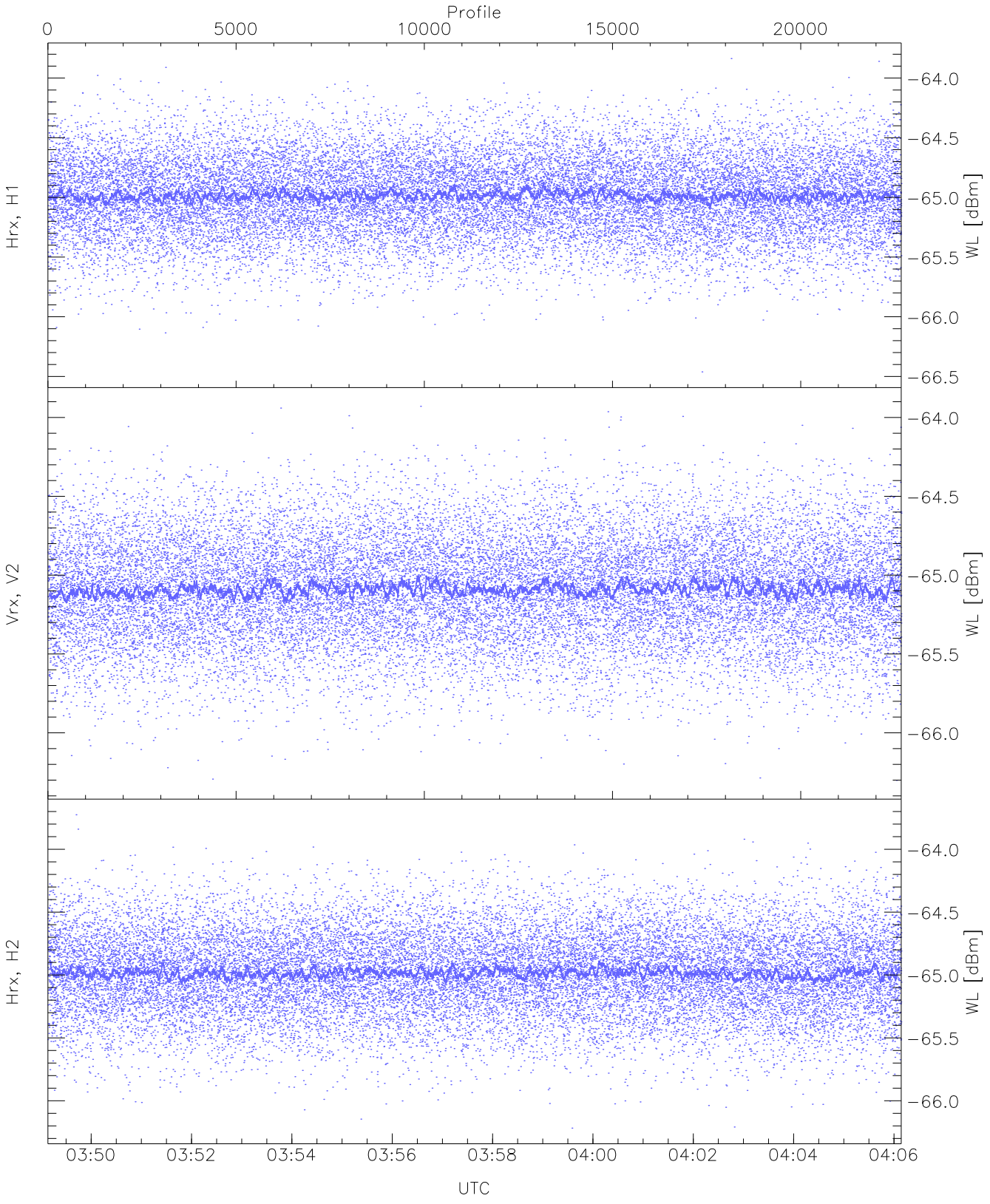
WCR3 CPP Receivers Gain and Noise Figure

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



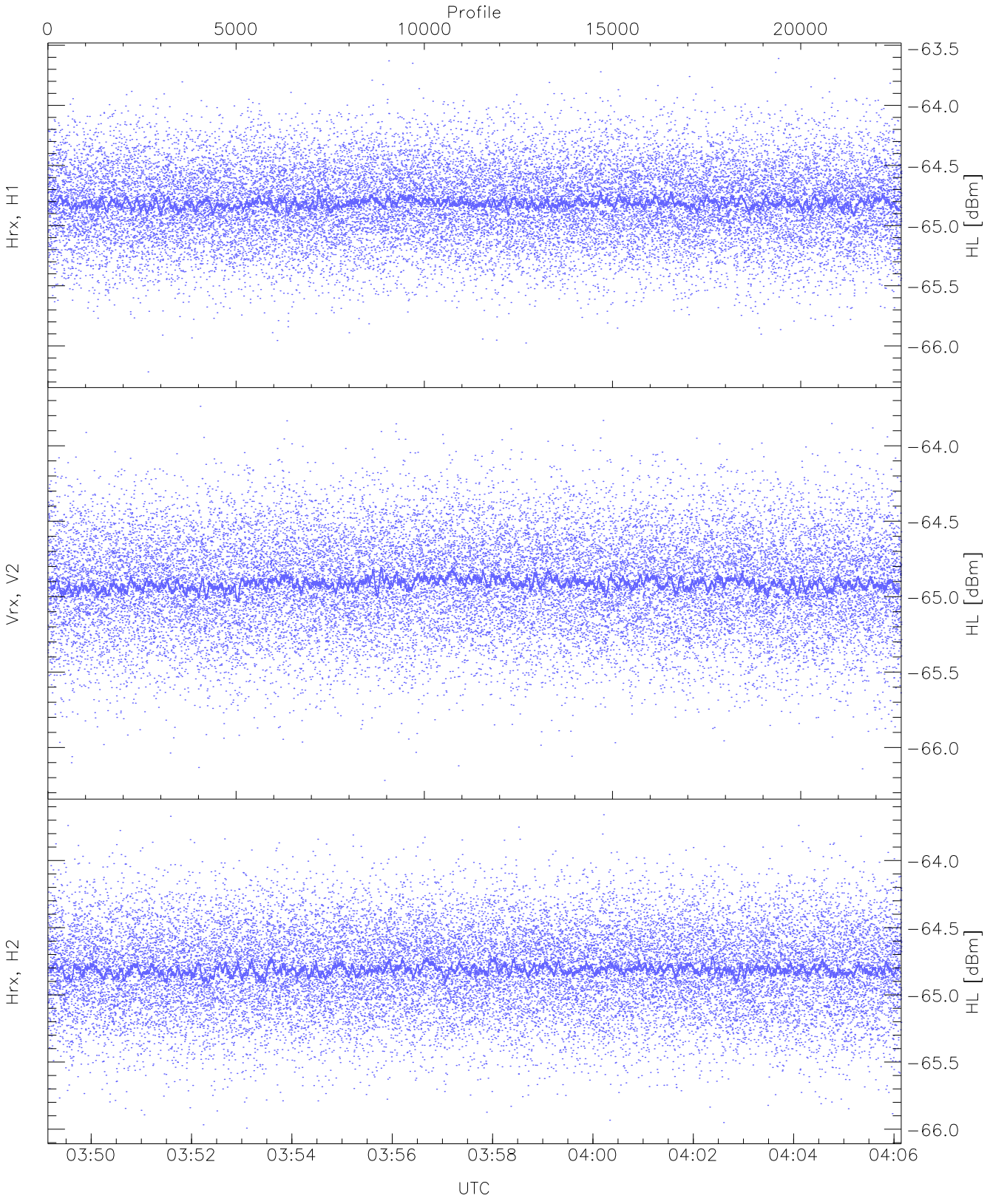
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.56	-65.08	-65.36	-65.36	-82.69
RMPHrxH1(std_dBm)	-76.17	-74.65	-75.37	-75.38	-88.83
RMPVrxV2(mean_dBm)	-65.30	-65.01	-65.15	-65.14	-85.56
RMPVrxV2(std_dBm)	-75.86	-74.45	-75.16	-75.17	-88.95
RMPHrxH2(mean_dBm)	-65.19	-64.90	-65.03	-65.03	-85.88
RMPHrxH2(std_dBm)	-75.74	-74.36	-75.04	-75.05	-88.83



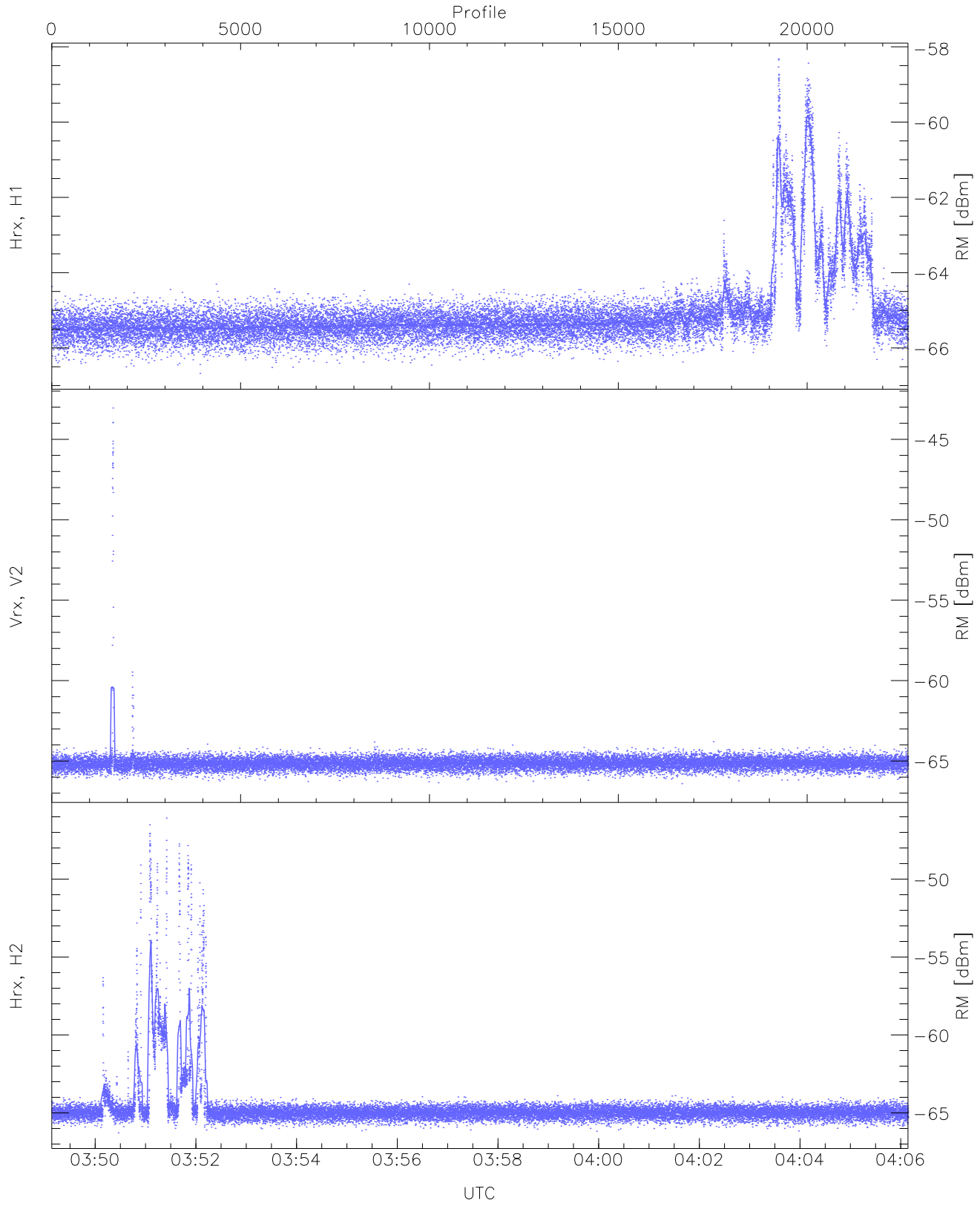
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.46	-63.84	-64.98	-64.98	-76.50
Vrx, V2(WL [dBm])	-66.30	-63.93	-65.08	-65.09	-76.59
Hrx, H2(WL [dBm])	-66.22	-63.73	-64.98	-64.98	-76.49



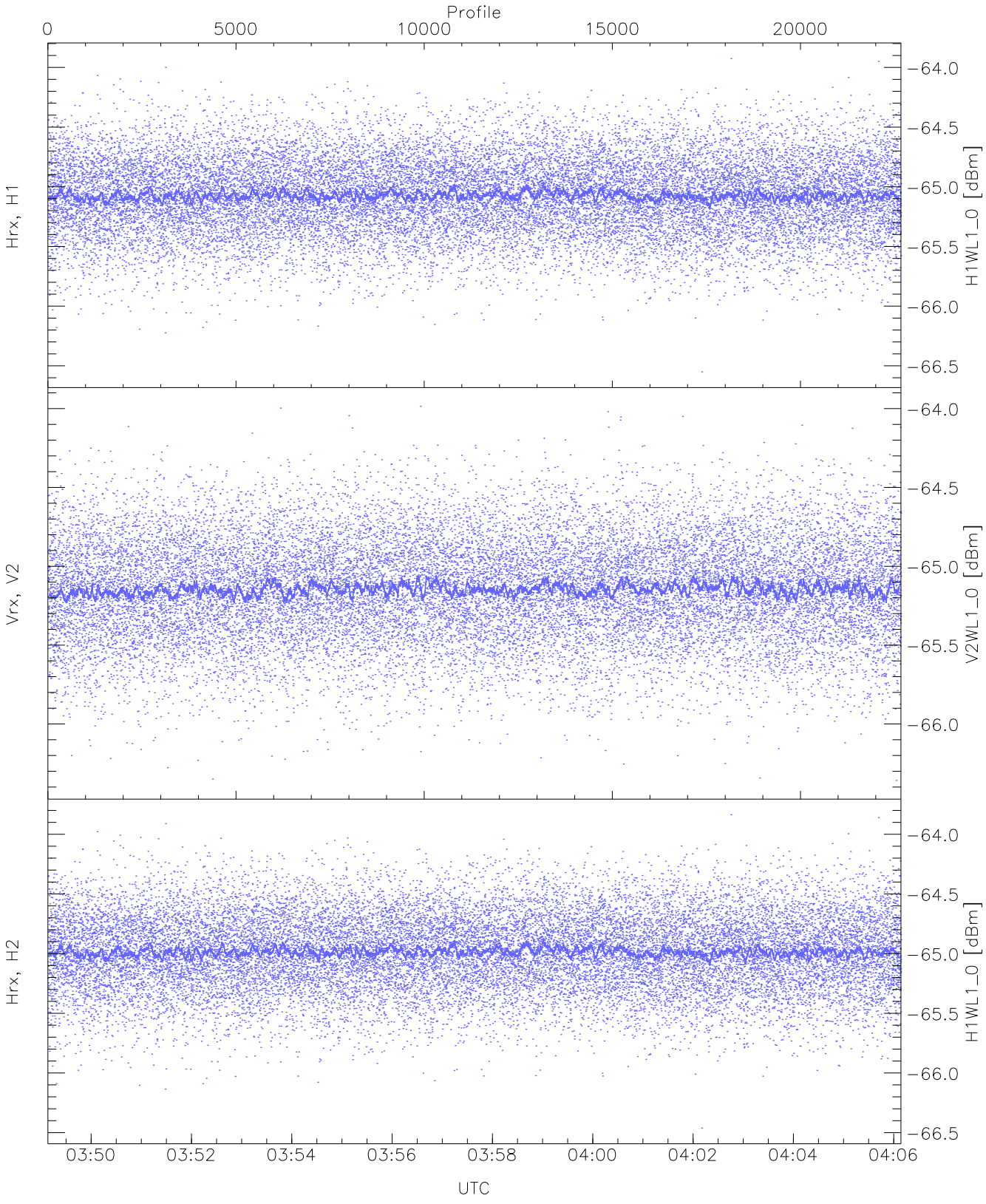
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.22	-63.61	-64.80	-64.81	-76.28
Vrx, V2(HL [dBm])	-66.22	-63.74	-64.91	-64.91	-76.39
Hrx, H2(HL [dBm])	-65.99	-63.66	-64.81	-64.81	-76.30



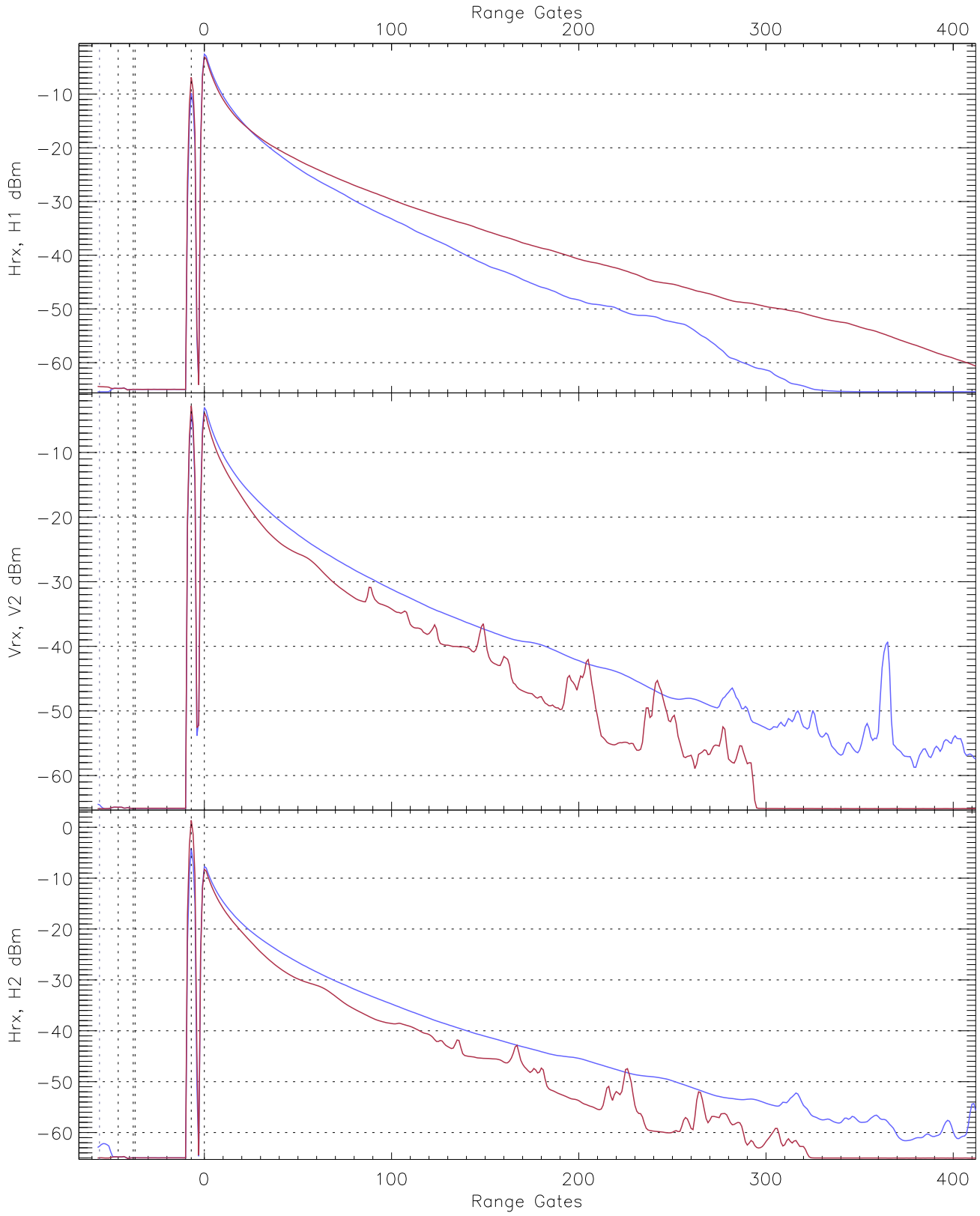
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.68	-58.32	-64.92	-65.31	-69.56
Vrx, V2(RM [dBm])	-66.41	-43.05	-64.82	-65.15	-60.99
Hrx, H2(RM [dBm])	-66.28	-46.09	-63.68	-64.96	-60.38

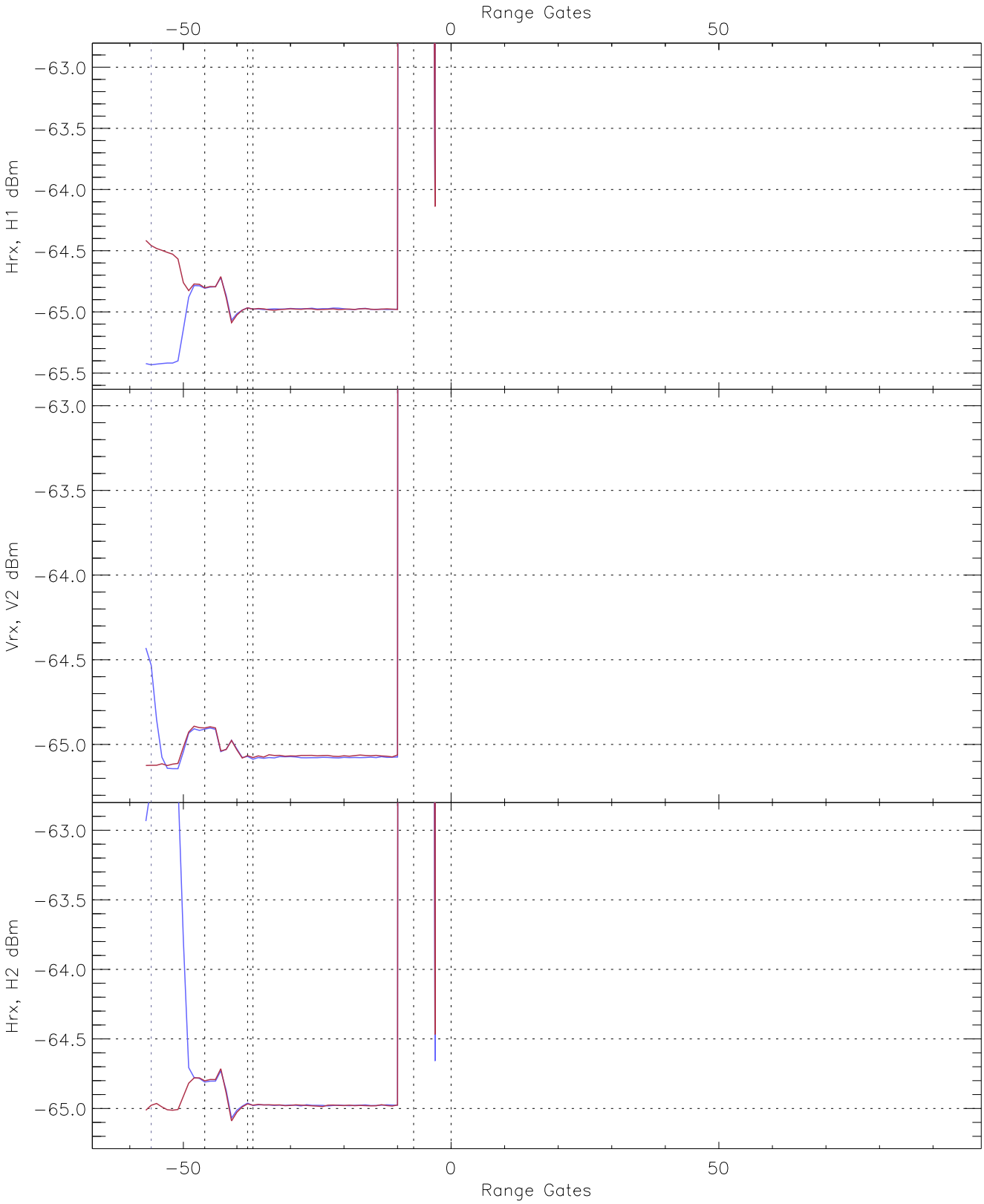


WCR3 CPP "Best" estimate Receivers Noise Power

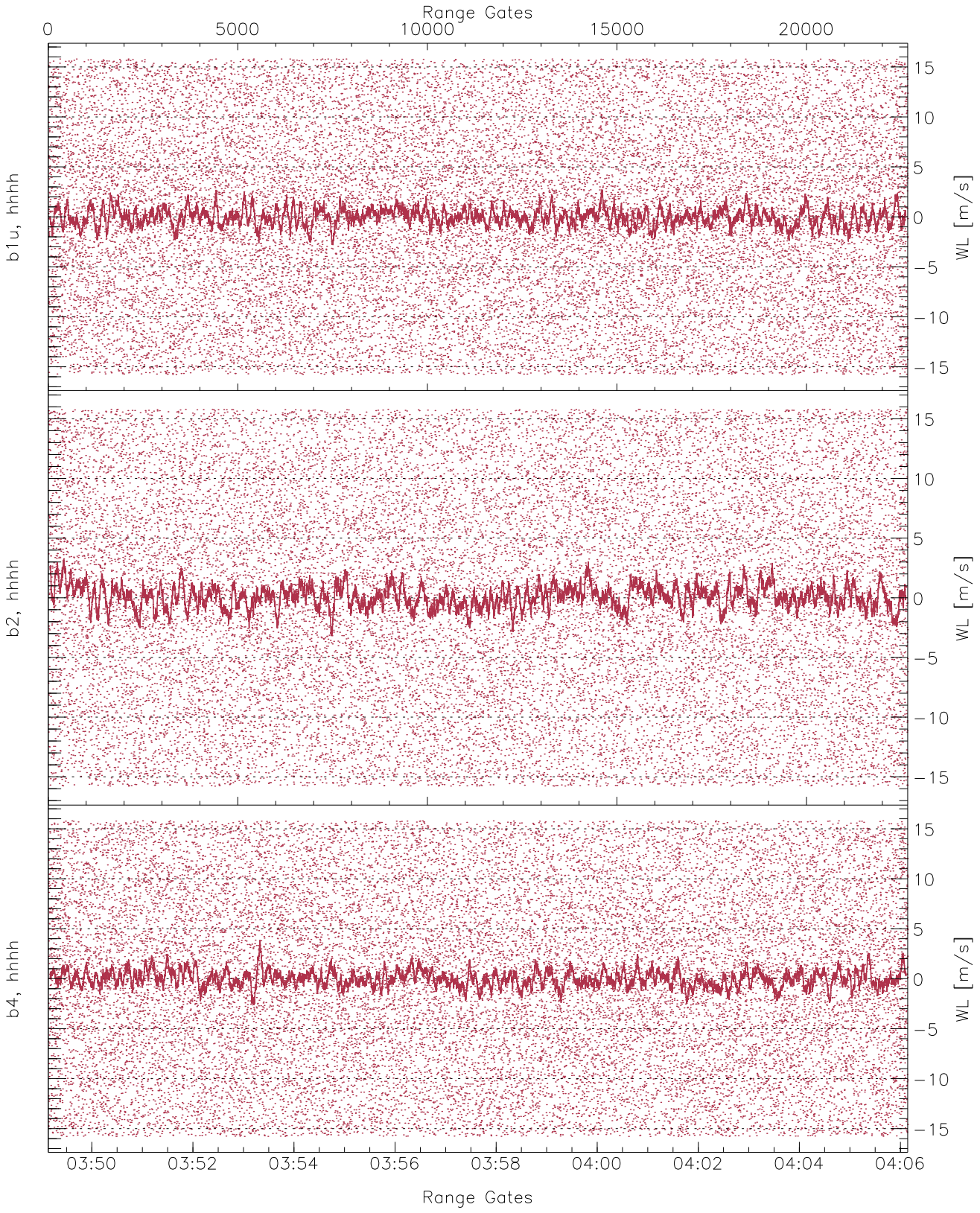
	Min	Max	Mean	Median	StDev
H1WL1_0 [dBm]	-66.55	-63.93	-65.07	-65.07	-76.59
V2WL1_0 [dBm]	-66.36	-63.99	-65.14	-65.14	-76.65
H1WL1_0 [dBm]	-66.46	-63.84	-64.98	-64.98	-76.50



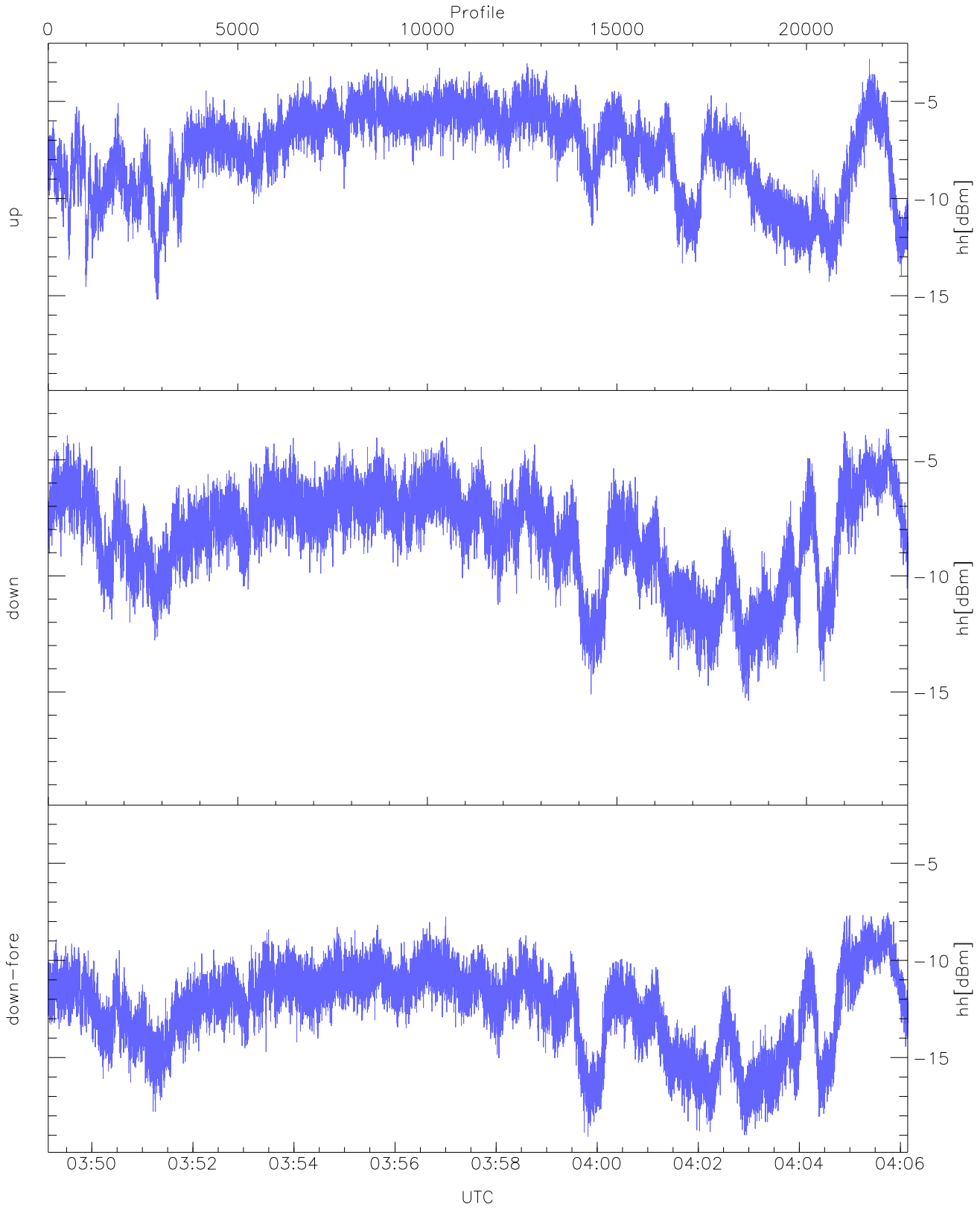
WCR3 CPP Averaged Received power for all recorded gates
blue: 034908-035738, 11337 profiles averaged
red: 035738-040609, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 034908-035738, 11337 profiles averaged
red: 035738-040609, 11336 profiles averaged

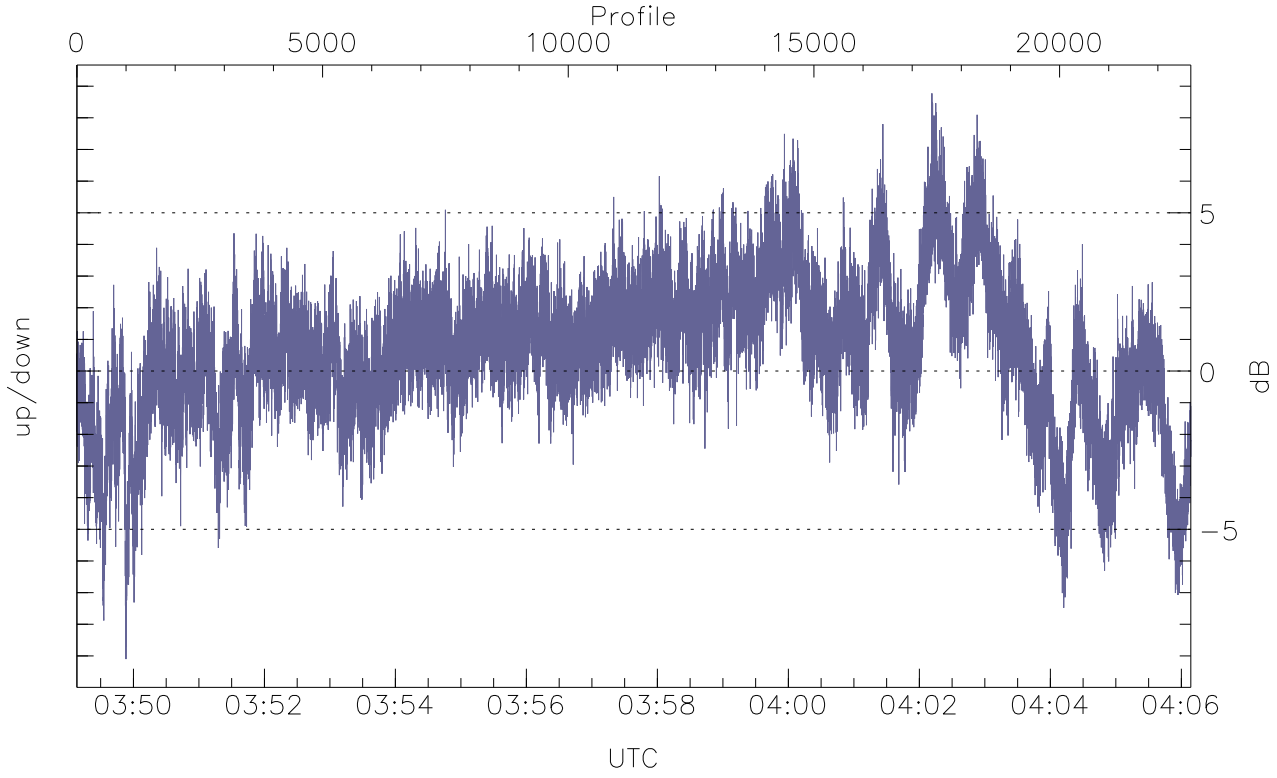


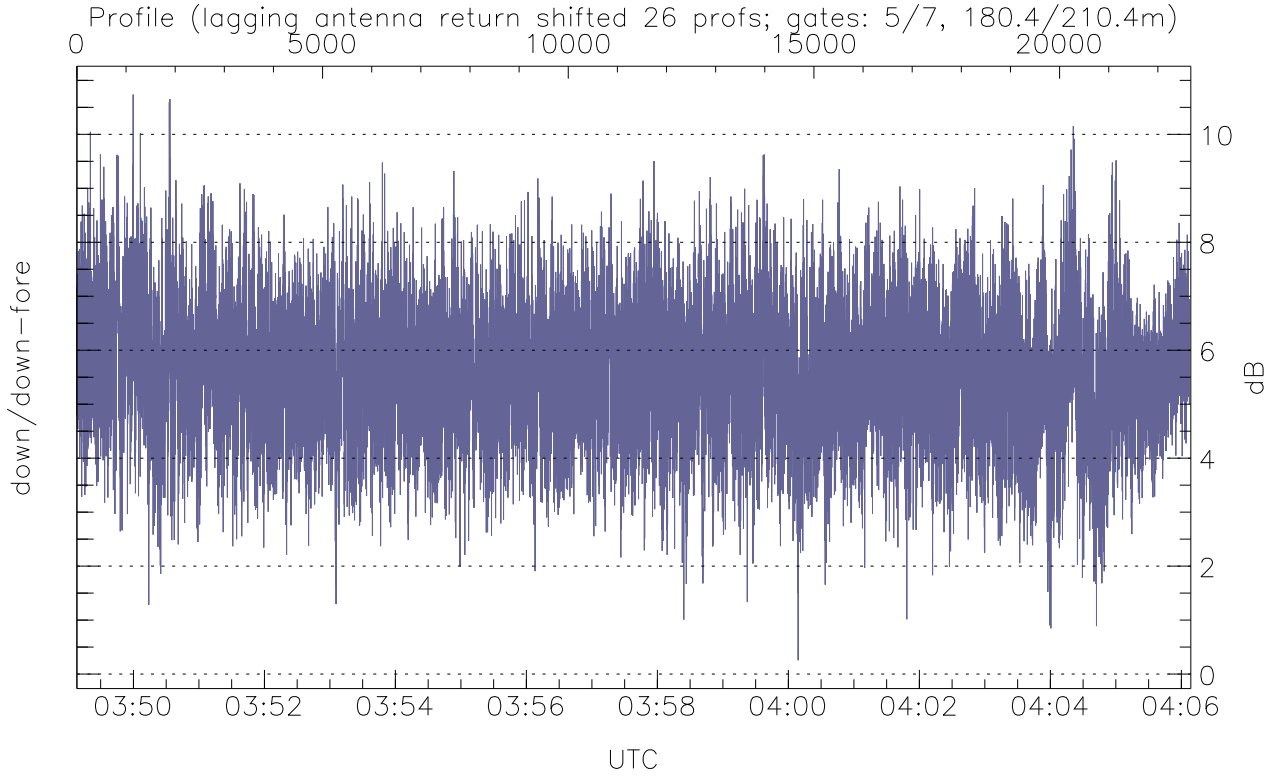
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

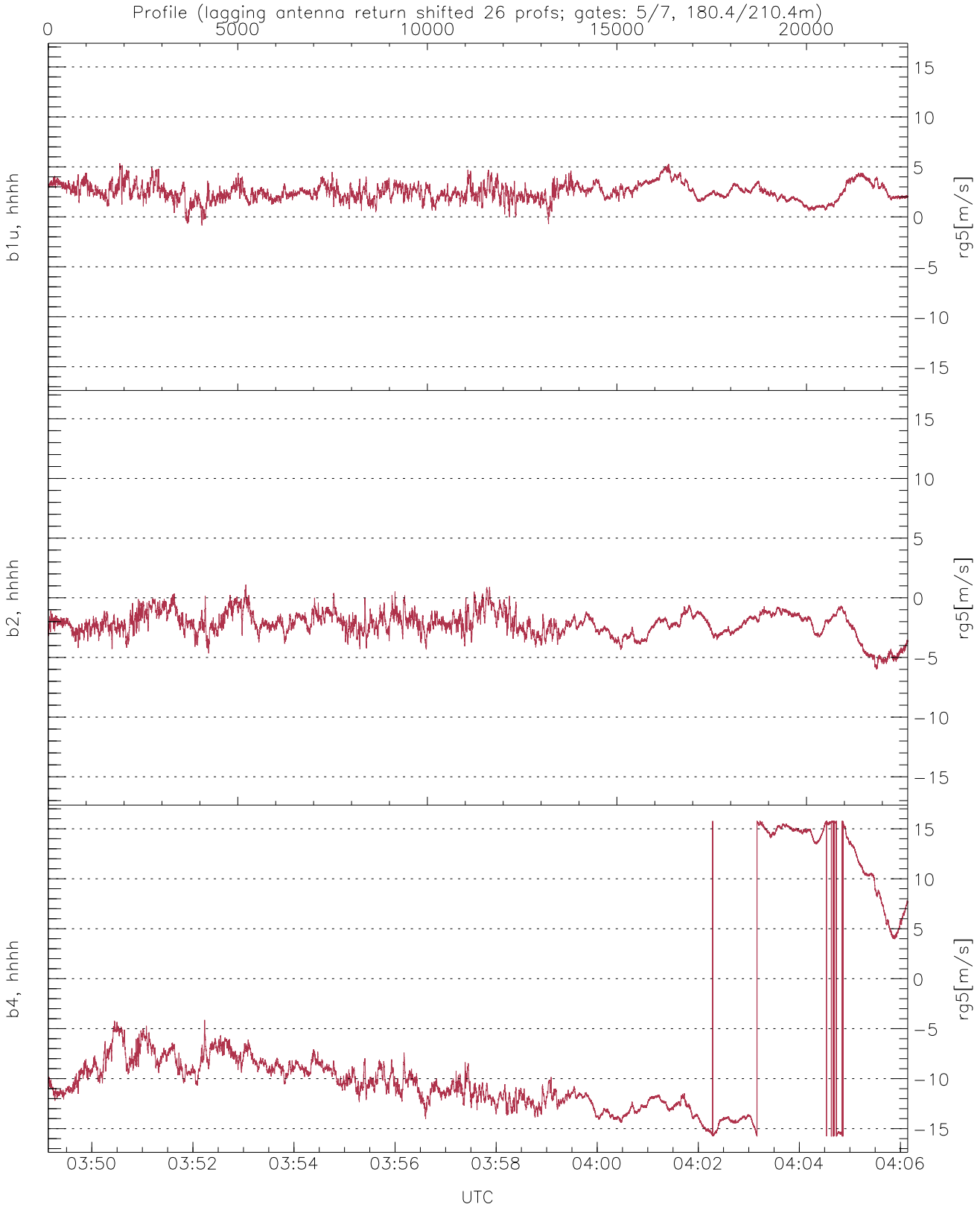
	Min	Max	Mean
up(hh[dBm])	-15.20	-2.82	-7.17
down(hh[dBm])	-15.37	-3.66	-7.85
down-fore(hh[dBm])	-19.06	-7.54	-12.01





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

	Min	Max	Mean
up/down(dB)	-9.10	8.77	0.64
down/down-fore(dB)	0.26	10.74	5.56



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.86	5.36	2.49	0.87
b2, hhhh(rg5[m/s])	-6.01	1.10	-2.21	1.05
b4, hhhh(rg5[m/s])	-15.79	15.79	-6.80	9.00