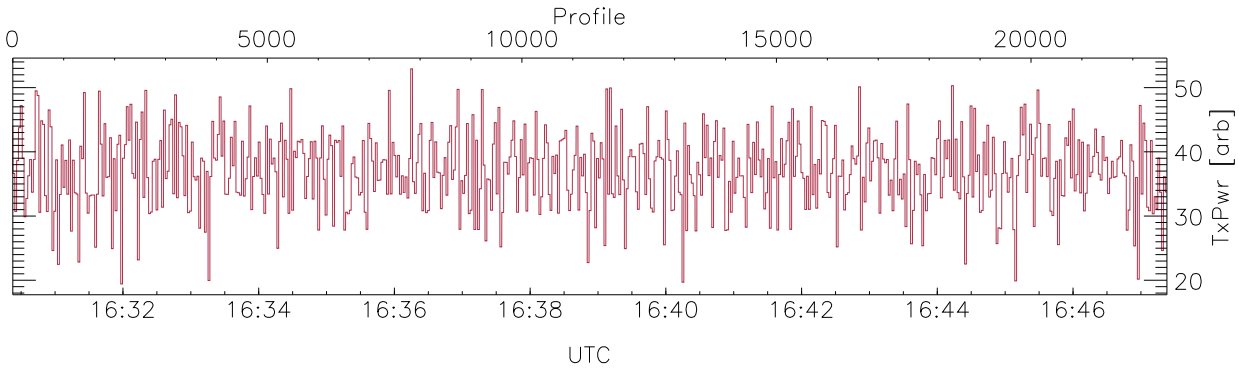
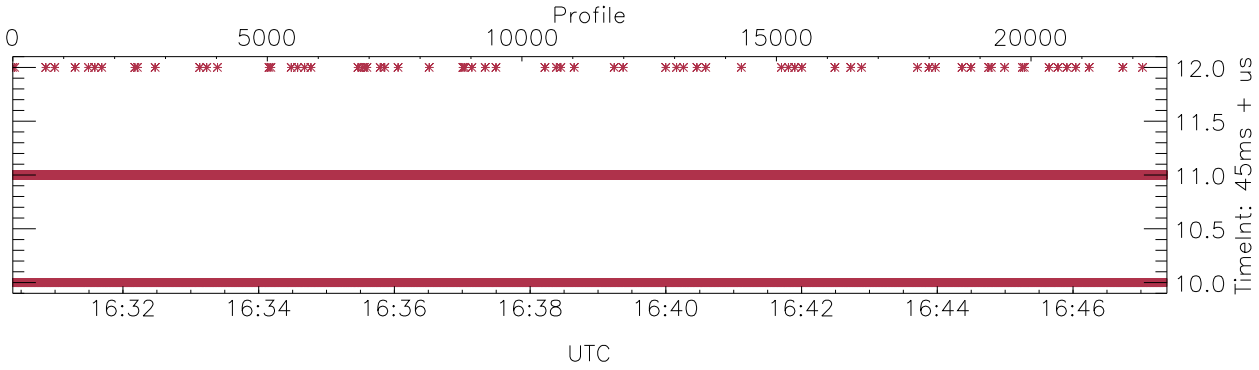
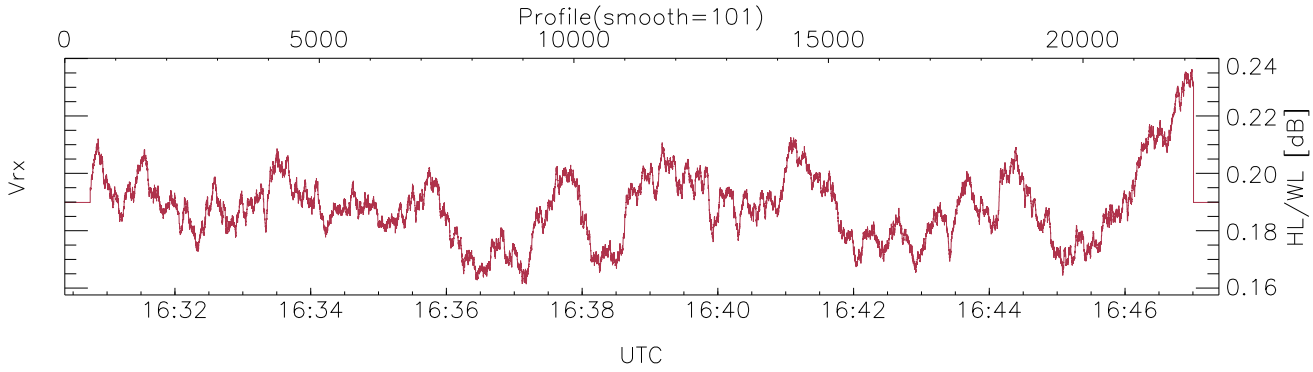
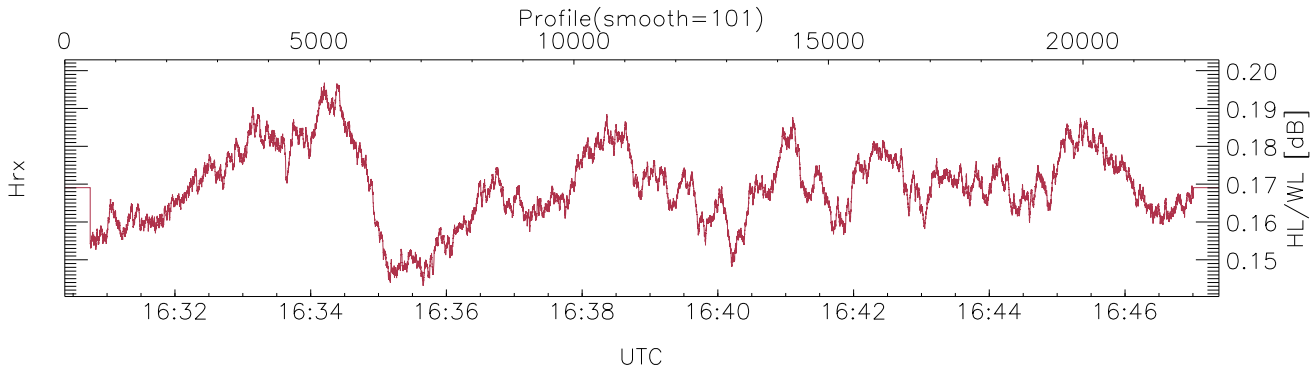


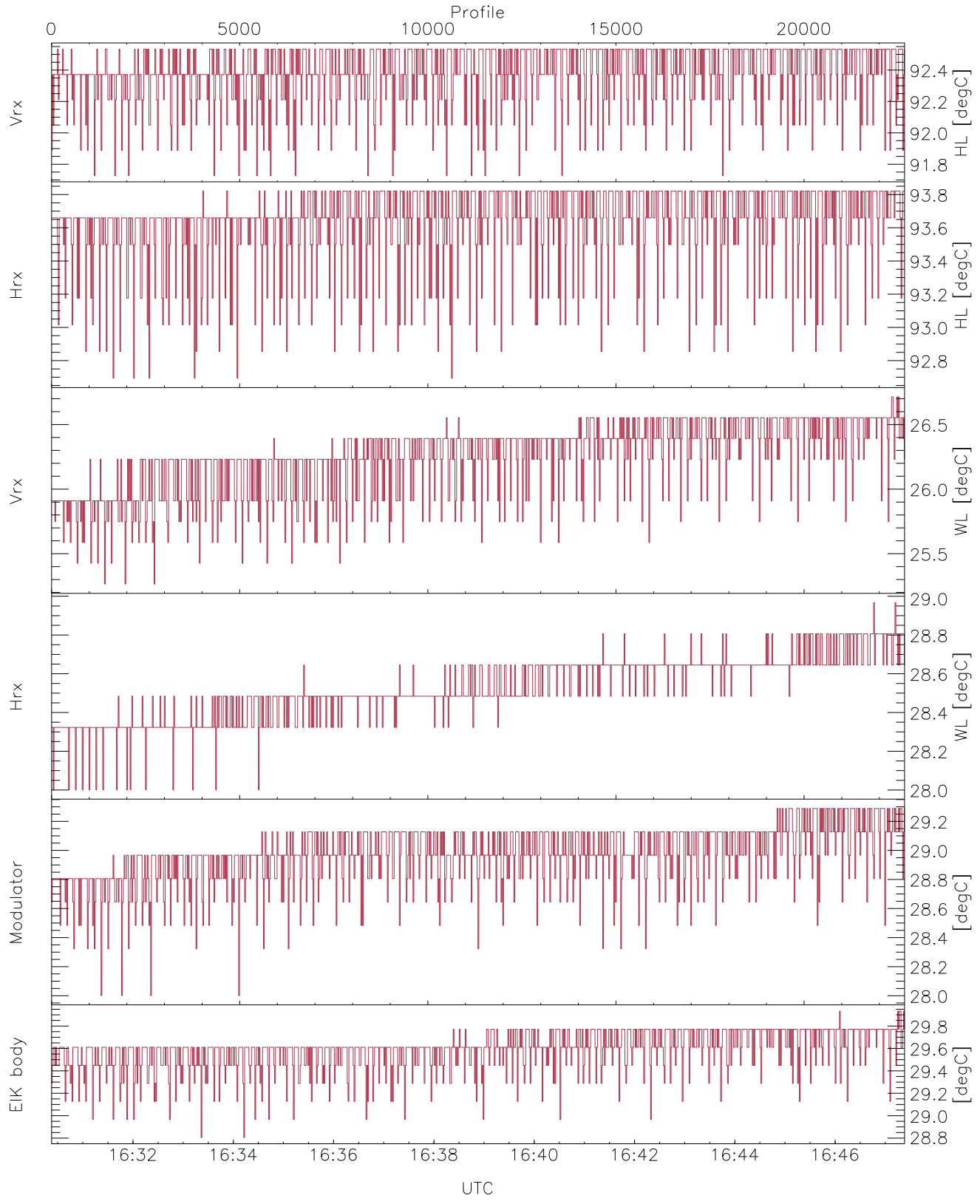






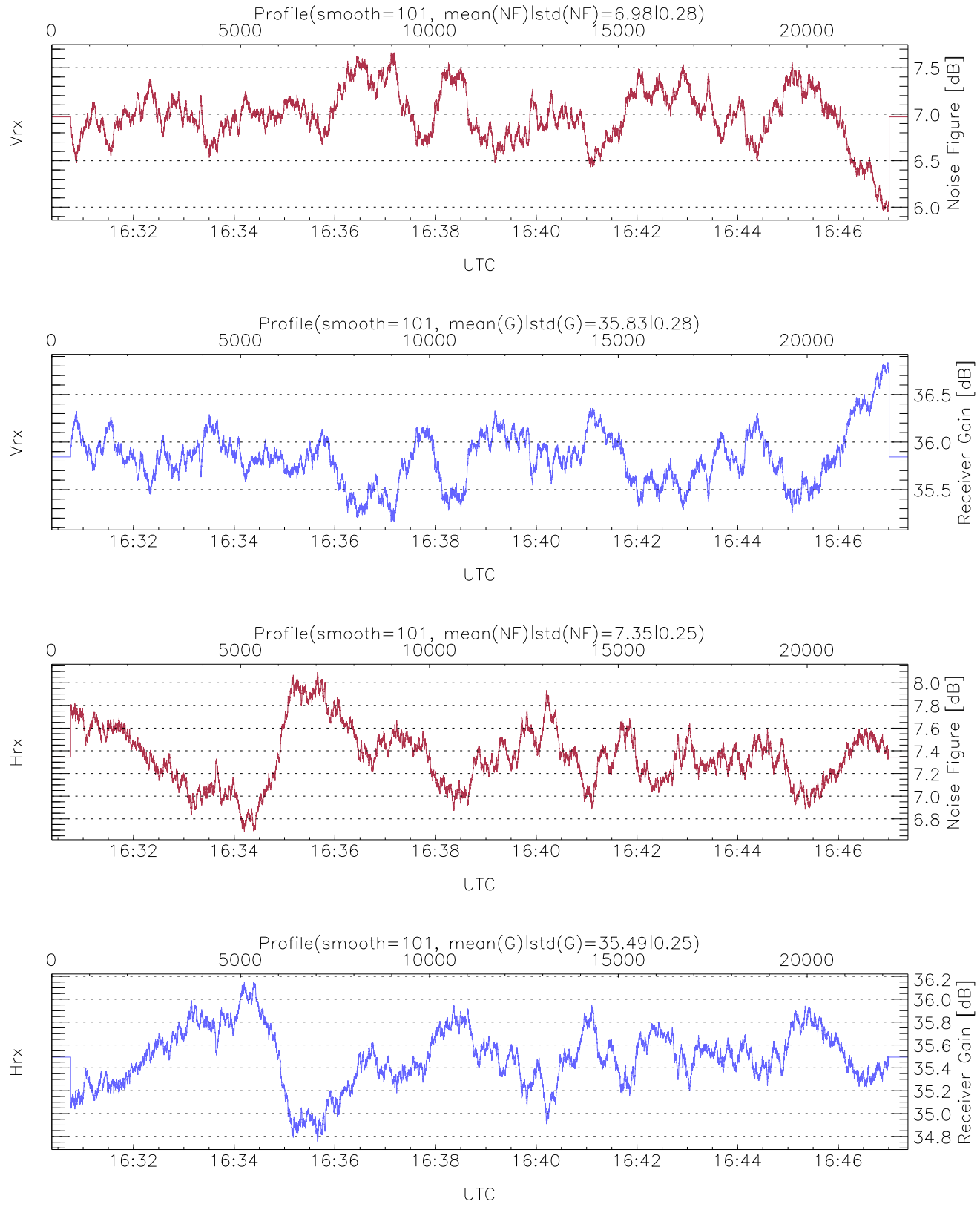
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:30:23-16:47:23, 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, 0-22671/16:30:23-16:47:23
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



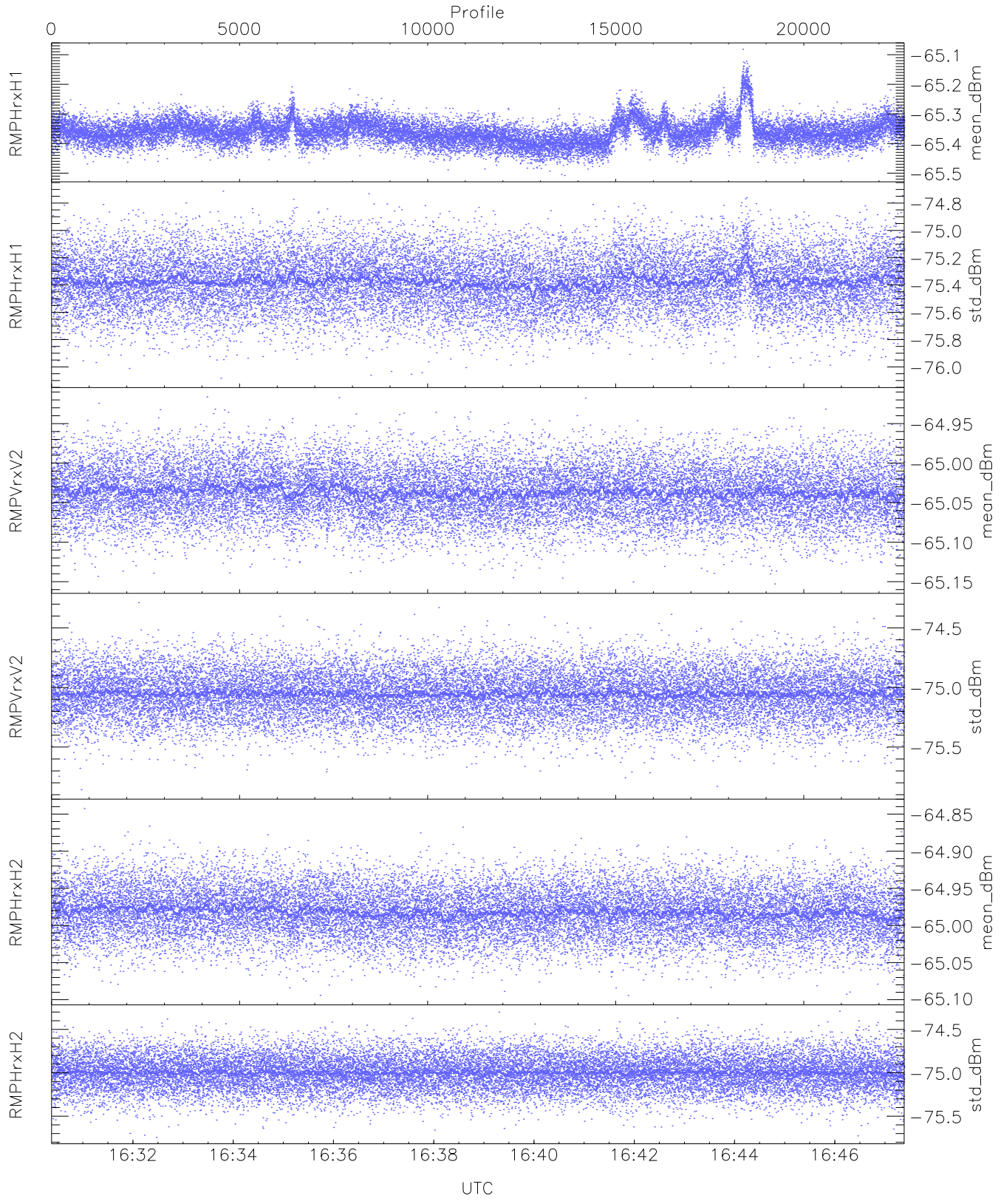
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,28,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,29,29
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



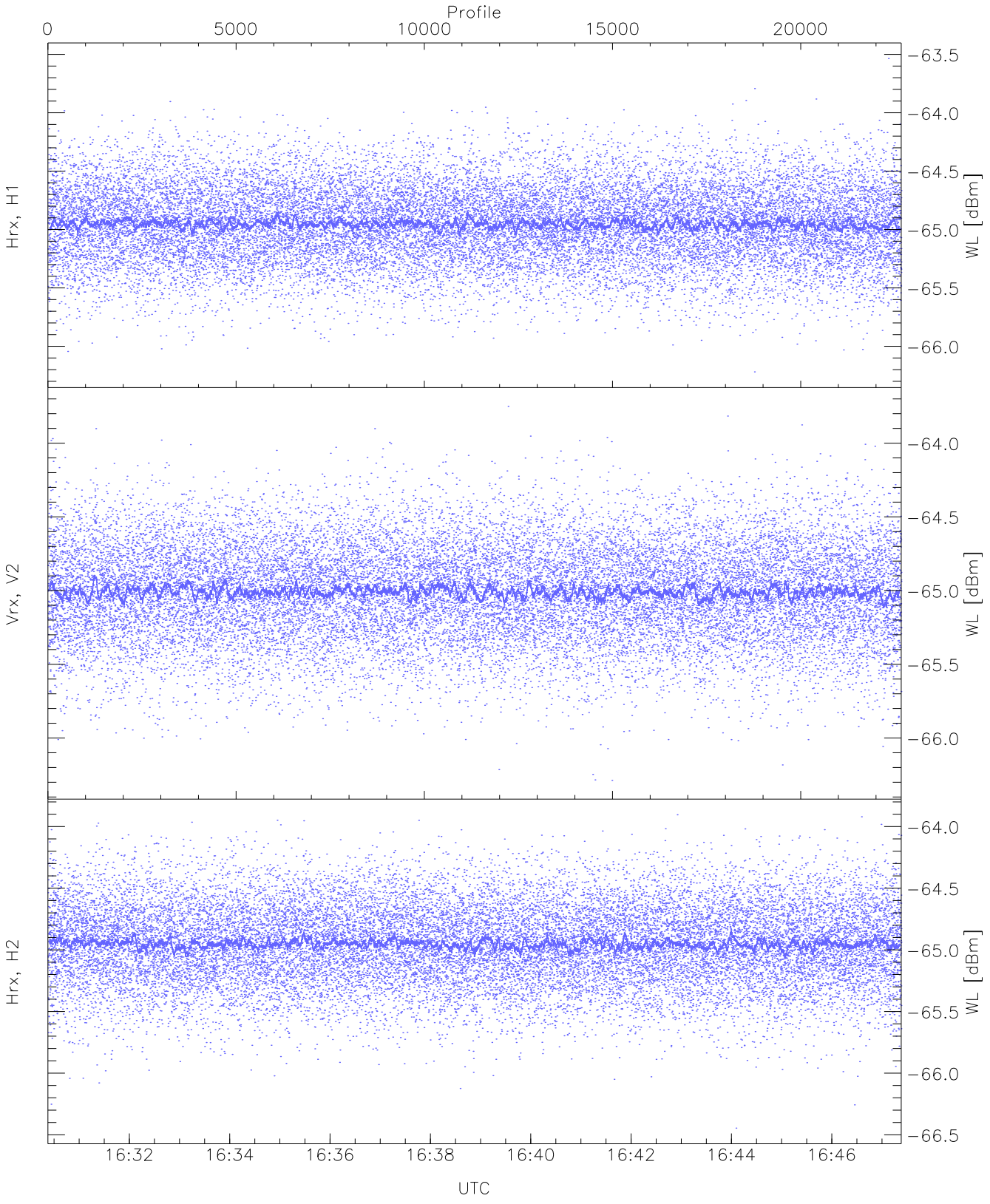
WCR3 CPP Receivers Gain and Noise Figure

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



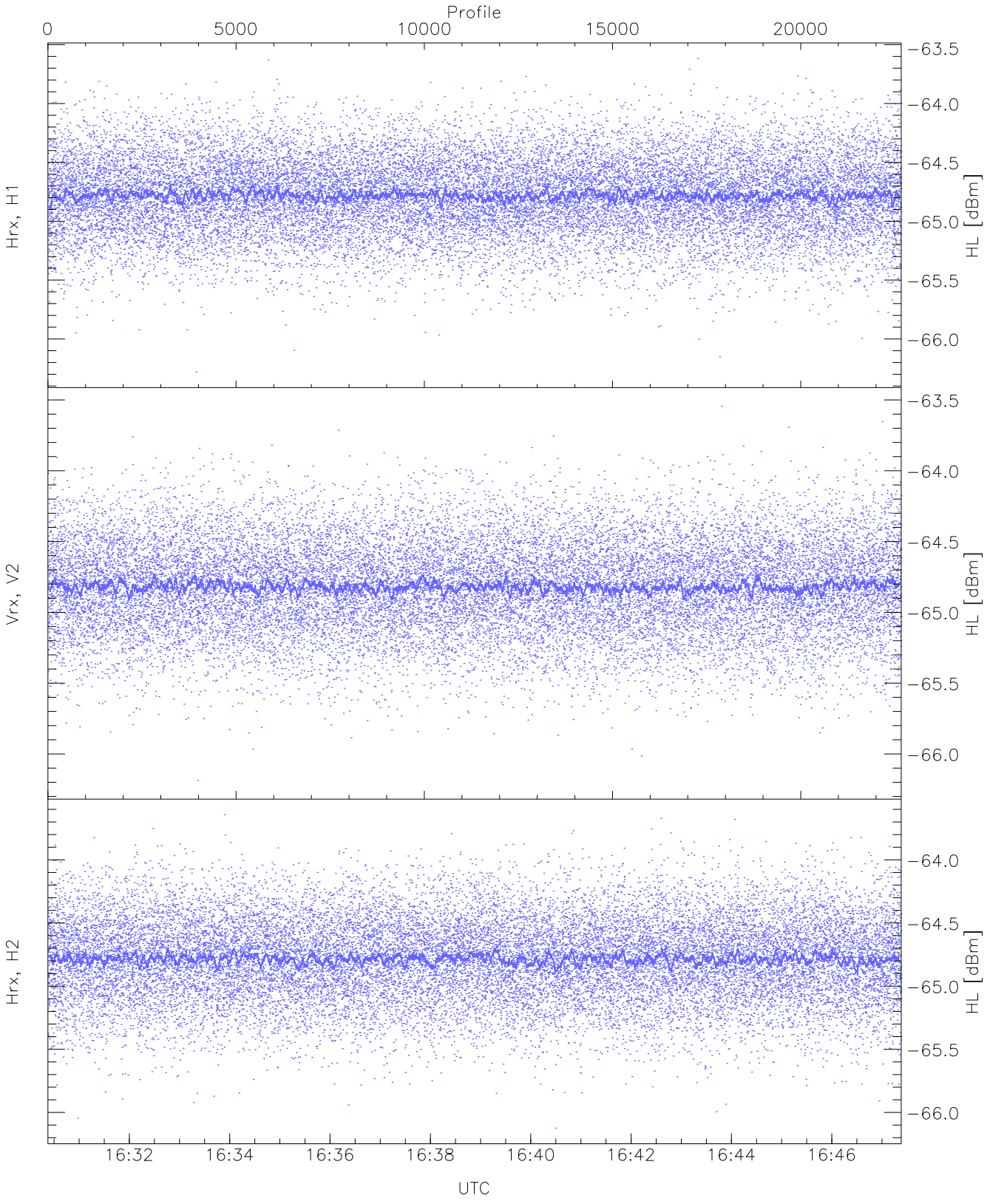
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.08	-65.36	-65.36	-85.60
RMPHrxH1(std_dBm)	-76.08	-74.71	-75.37	-75.38	-89.07
RMPVrxV2(mean_dBm)	-65.15	-64.92	-65.04	-65.04	-86.55
RMPVrxV2(std_dBm)	-75.86	-74.29	-75.05	-75.05	-88.84
RMPHrxH2(mean_dBm)	-65.09	-64.84	-64.98	-64.98	-86.57
RMPHrxH2(std_dBm)	-75.75	-74.29	-75.00	-75.00	-88.78



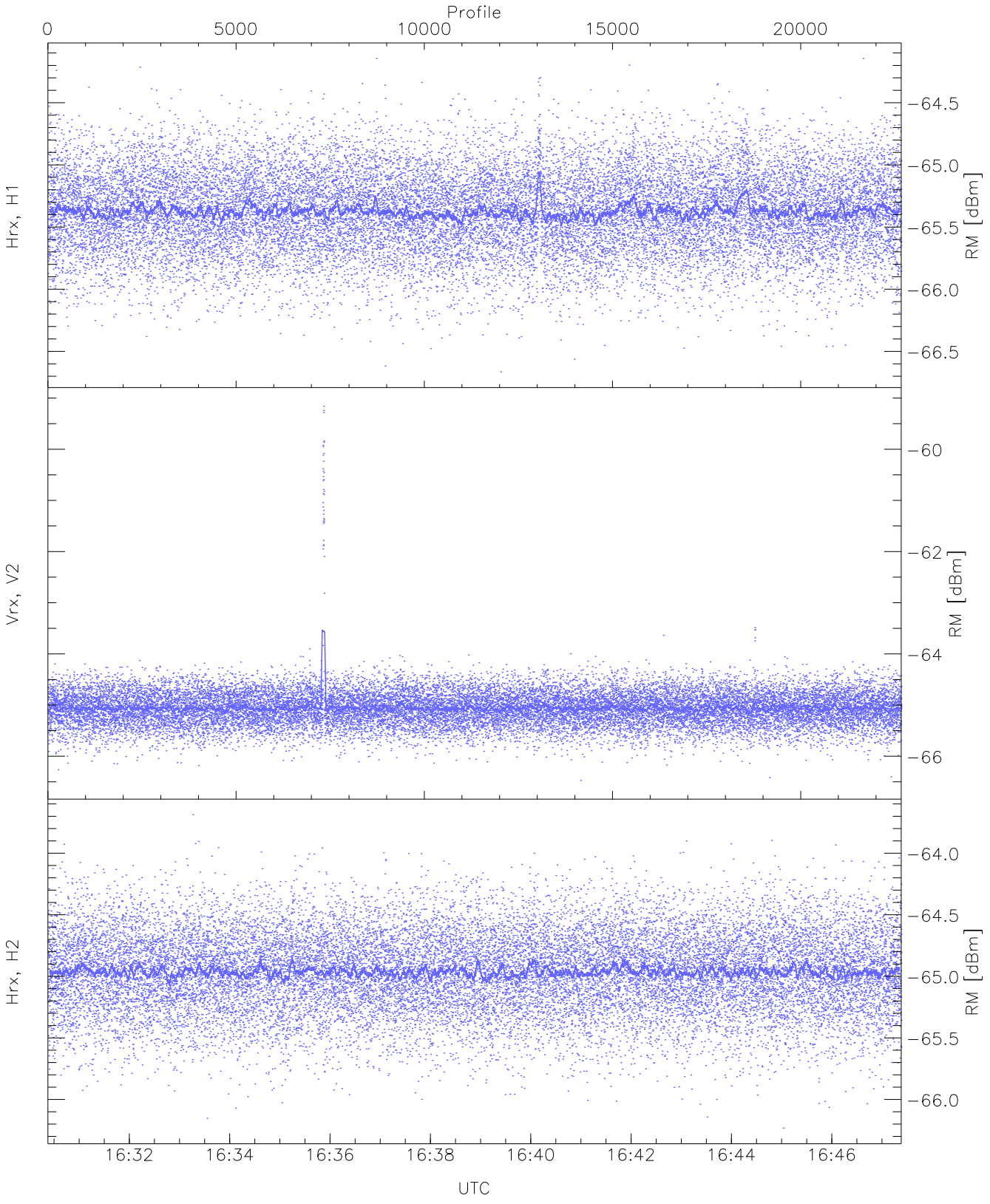
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.22	-63.54	-64.95	-64.95	-76.45
Vrx, V2(WL [dBm])	-66.29	-63.75	-65.00	-65.01	-76.54
Hrx, H2(WL [dBm])	-66.45	-63.90	-64.94	-64.95	-76.45



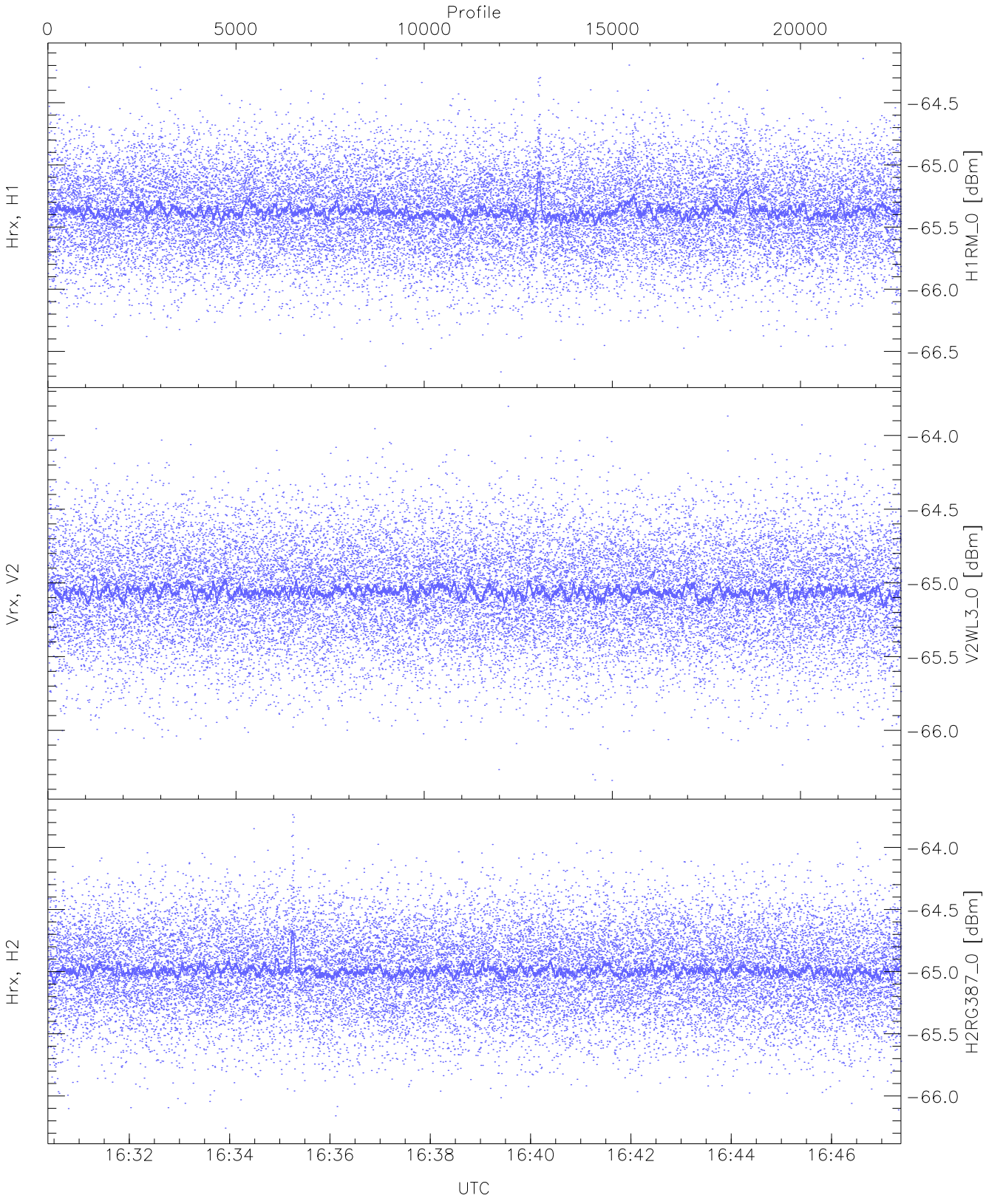
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.28	-63.62	-64.77	-64.78	-76.26
Vrx, V2(HL [dBm])	-66.19	-63.54	-64.81	-64.82	-76.34
Hrx, H2(HL [dBm])	-66.12	-63.64	-64.78	-64.78	-76.29



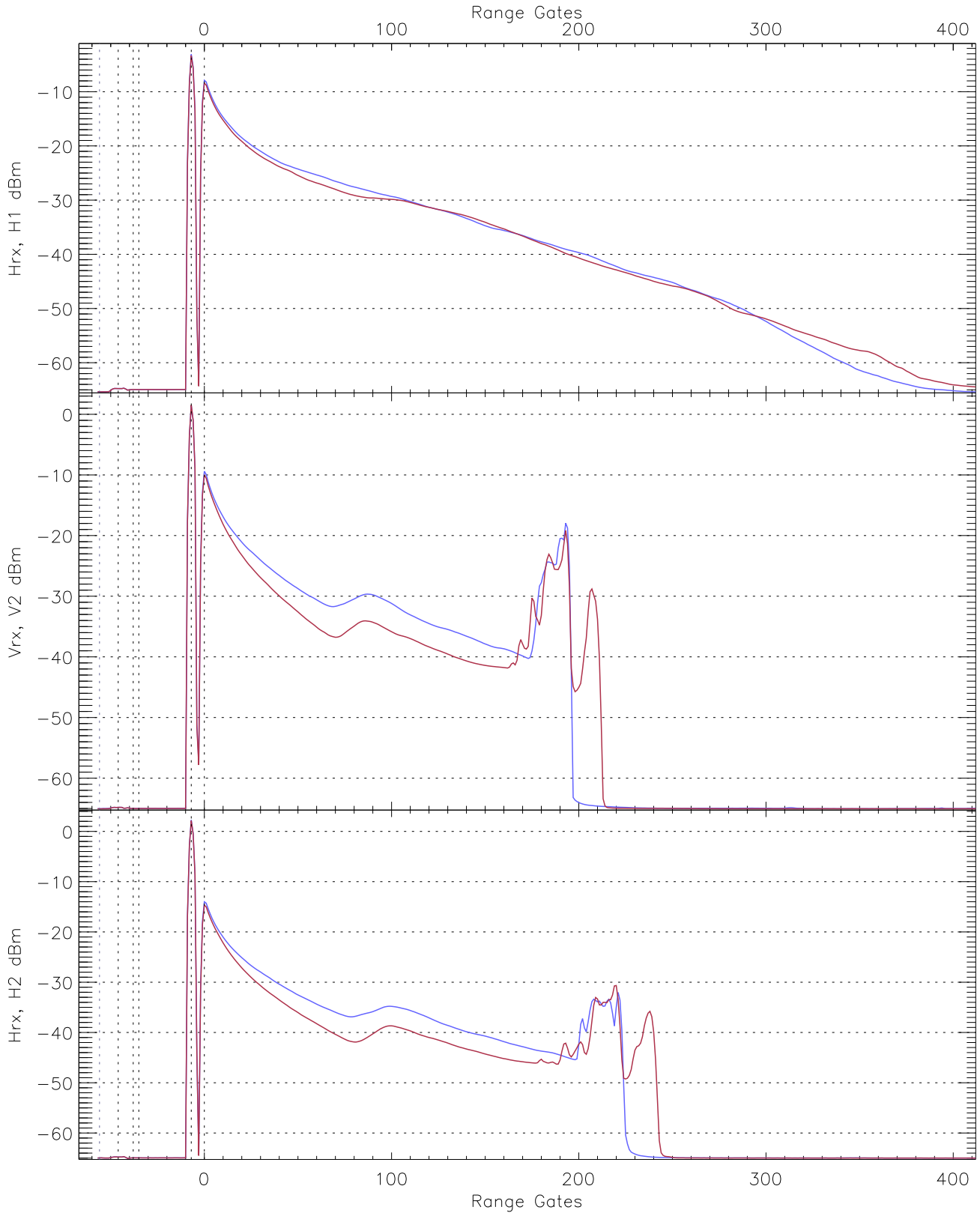
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.67	-64.14	-65.37	-65.37	-76.84
Vrx, V2(RM [dBm])	-66.47	-59.16	-65.04	-65.06	-75.05
Hrx, H2(RM [dBm])	-66.23	-63.69	-64.95	-64.96	-76.46

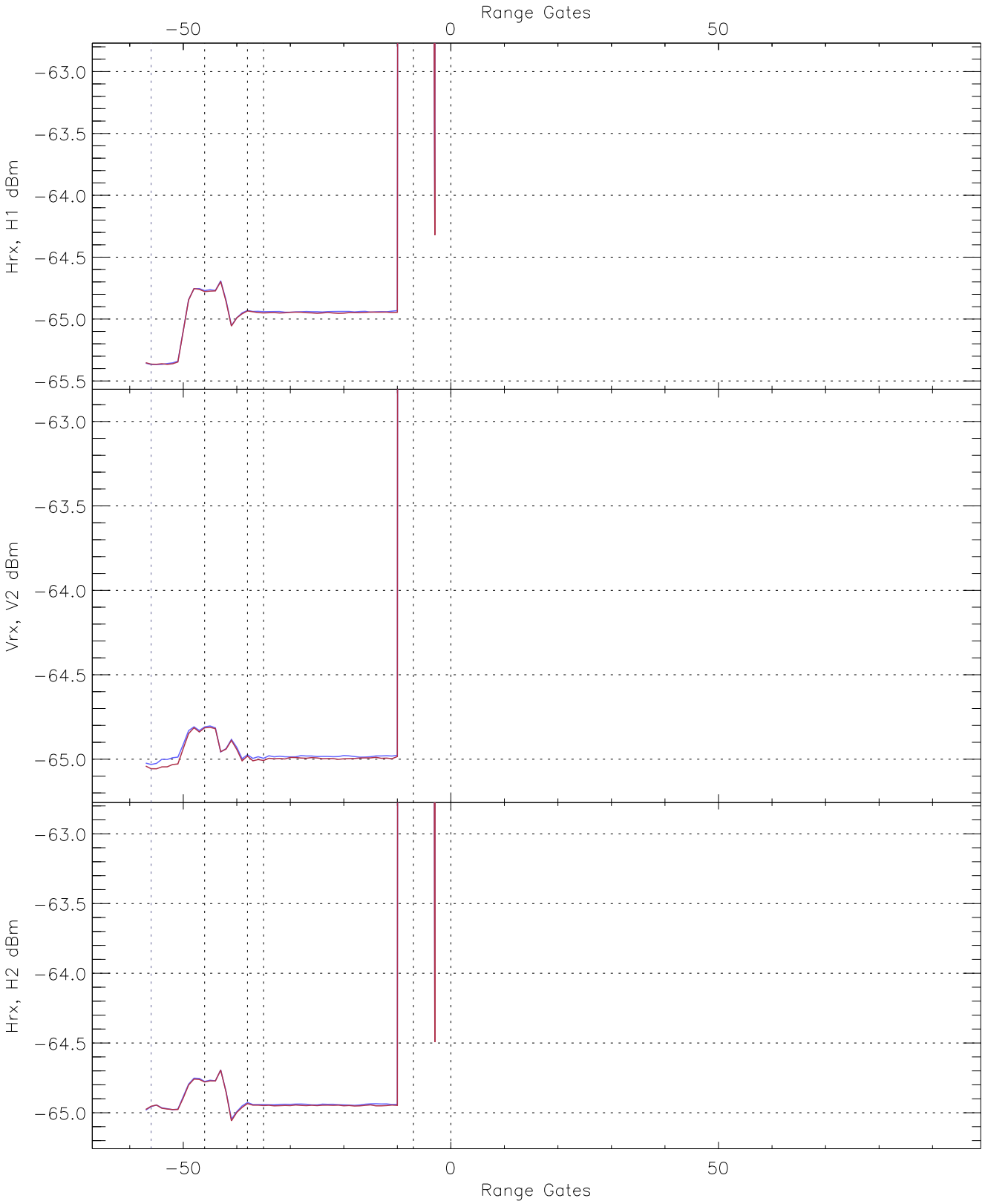


WCR3 CPP "Best" estimate Receivers Noise Power

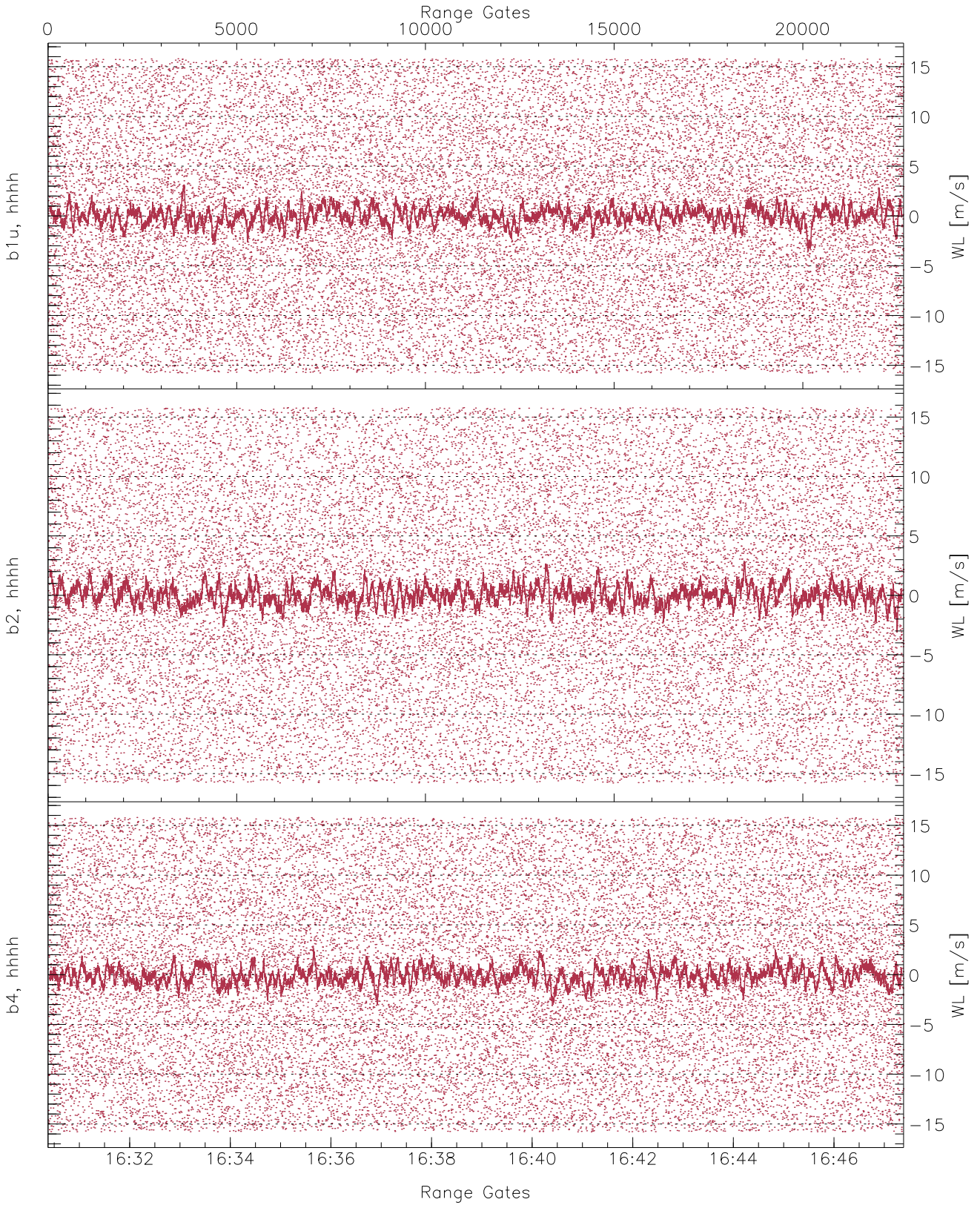
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.67	-64.14	-65.37	-65.37	-76.84
V2WL3_0 [dBm]	-66.34	-63.80	-65.05	-65.06	-76.59
H2RG387_0 [dBm]	-66.26	-63.74	-64.98	-64.99	-76.45



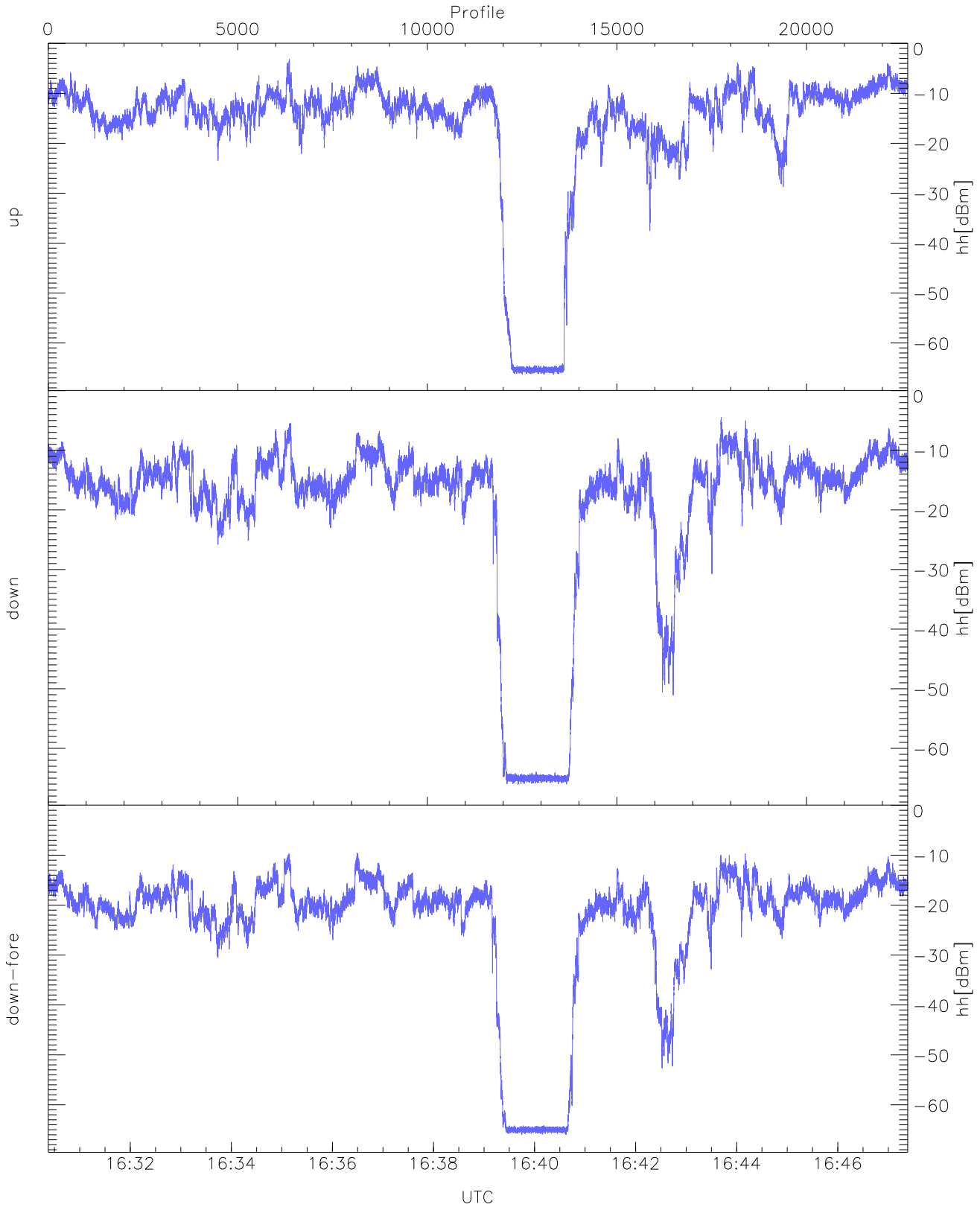
WCR3 CPP Averaged Received power for all recorded gates
blue: 163023-163853, 11337 profiles averaged
red: 163853-164723, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 163023-163853, 11337 profiles averaged
red: 163853-164723, 11336 profiles averaged

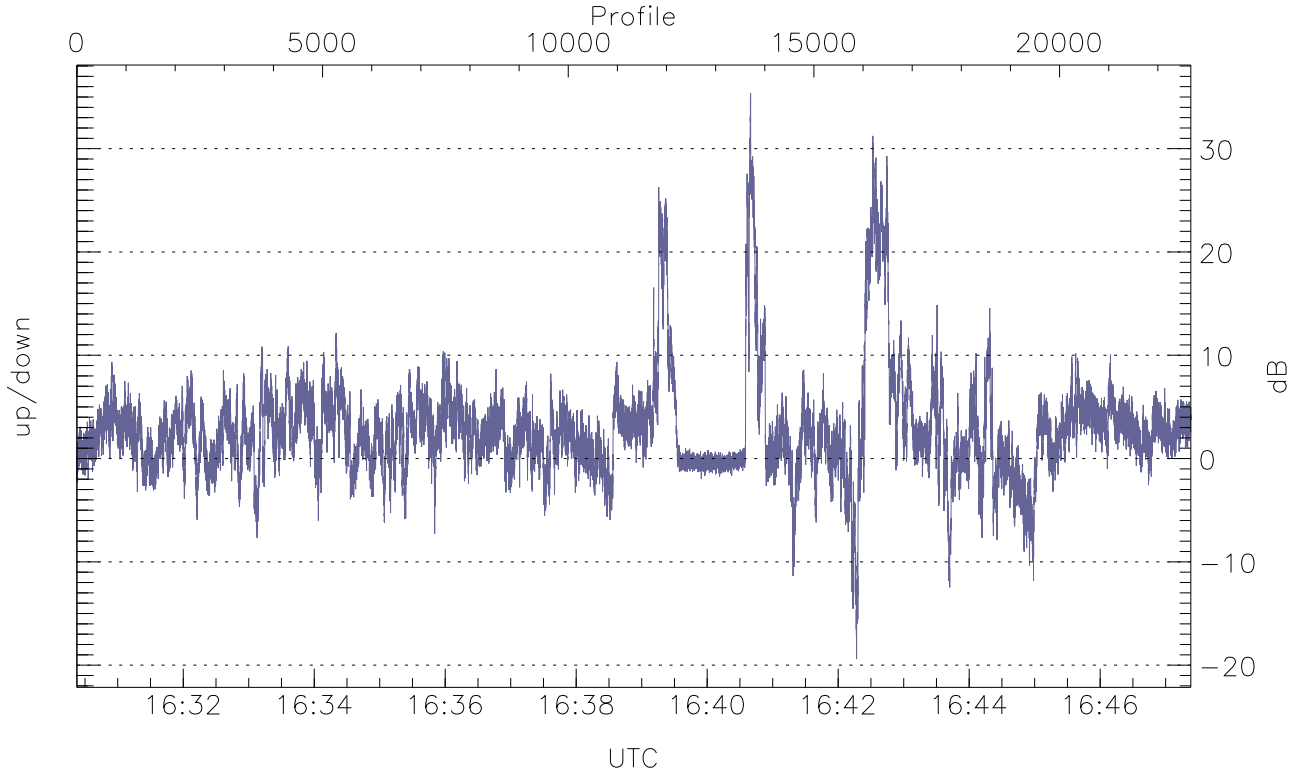


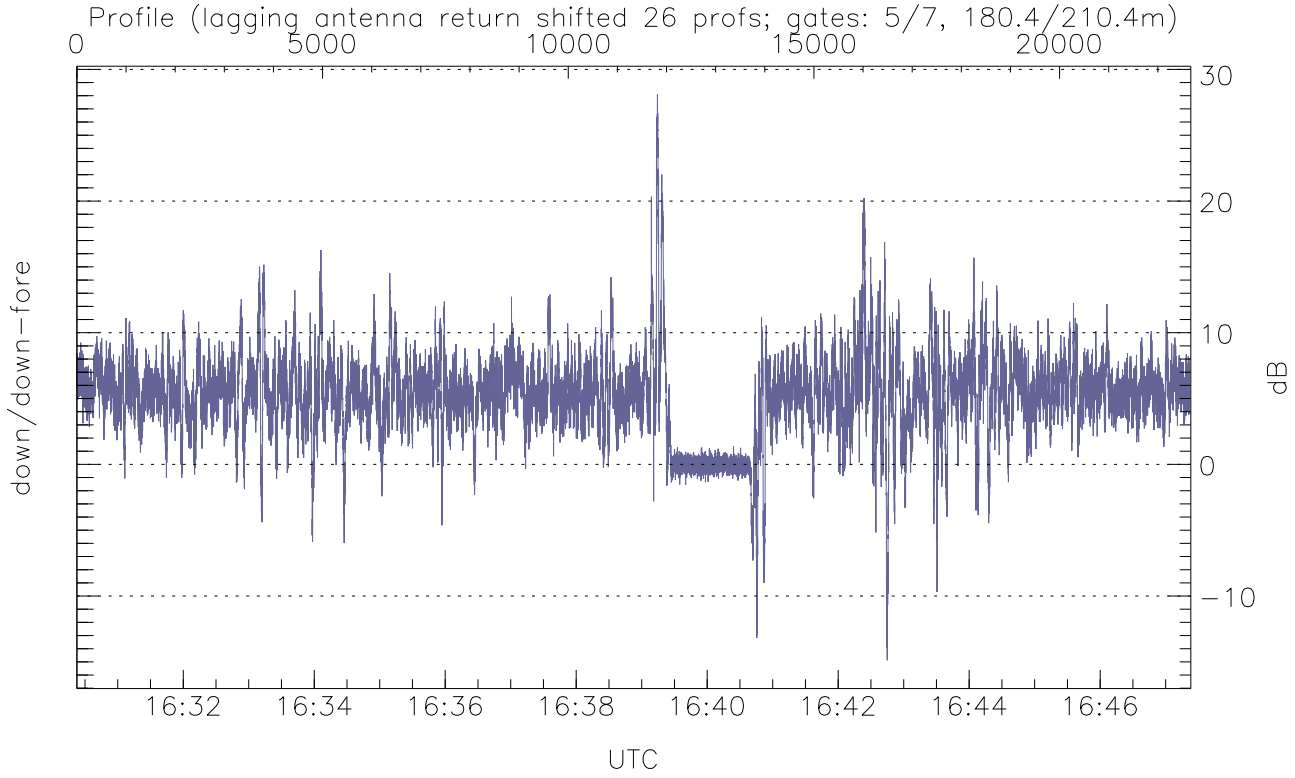
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

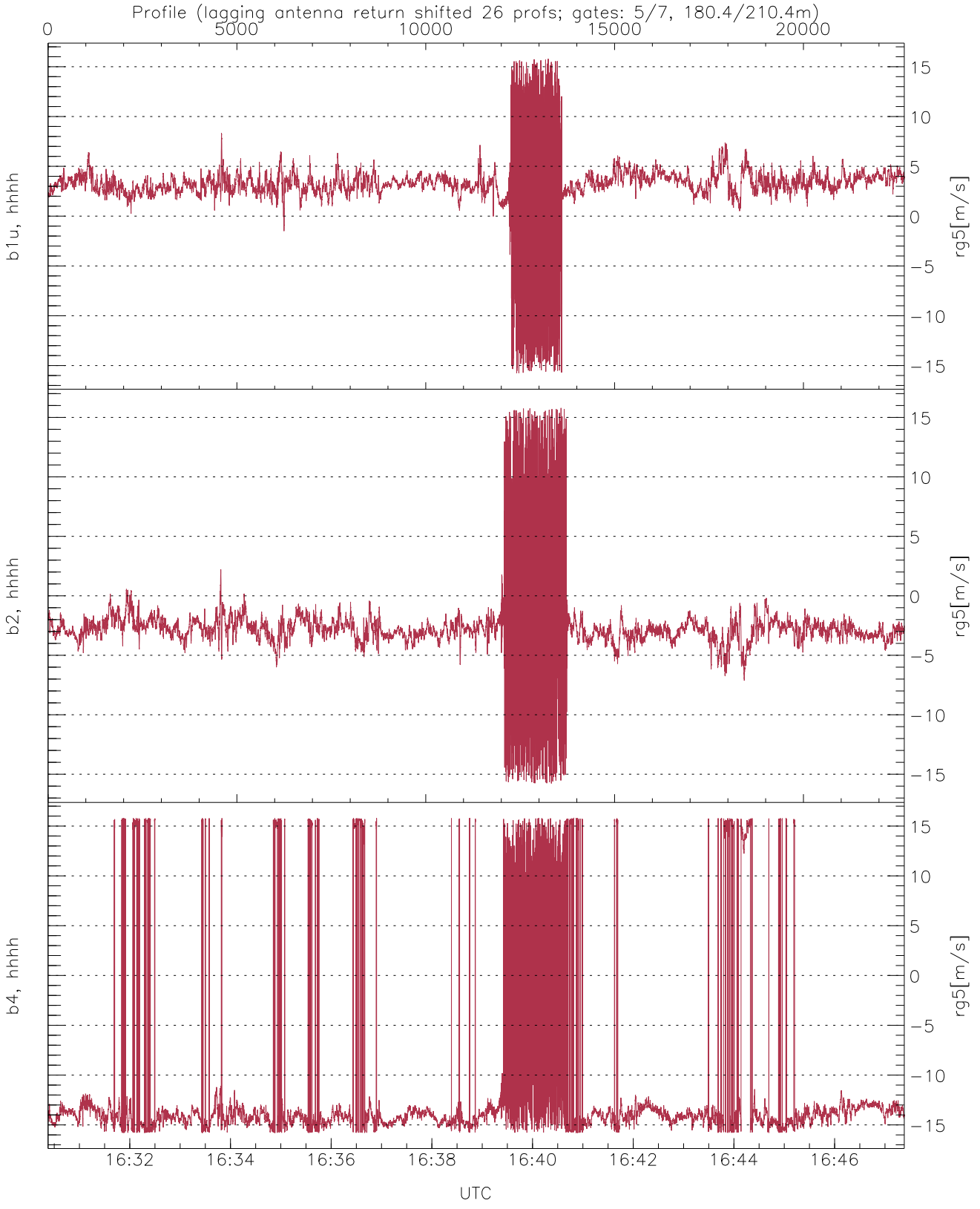
	Min	Max	Mean
up(hh[dBm])	-66.36	-3.12	-12.06
down(hh[dBm])	-66.06	-4.46	-14.10
down-fore(hh[dBm])	-66.01	-9.55	-18.34





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

	Min	Max	Mean
up/down(dB)	-19.41	35.36	2.82
down/down-fore(dB)	-14.88	28.09	5.17



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	3.10	2.45
b2, hhhh(rg5[m/s])	-15.77	15.79	-2.63	2.56
b4, hhhh(rg5[m/s])	-15.79	15.79	-11.20	8.28