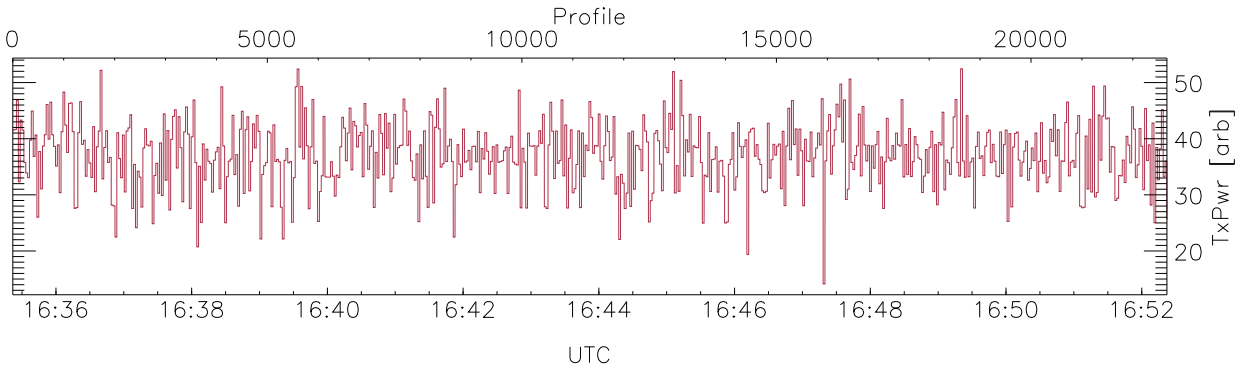
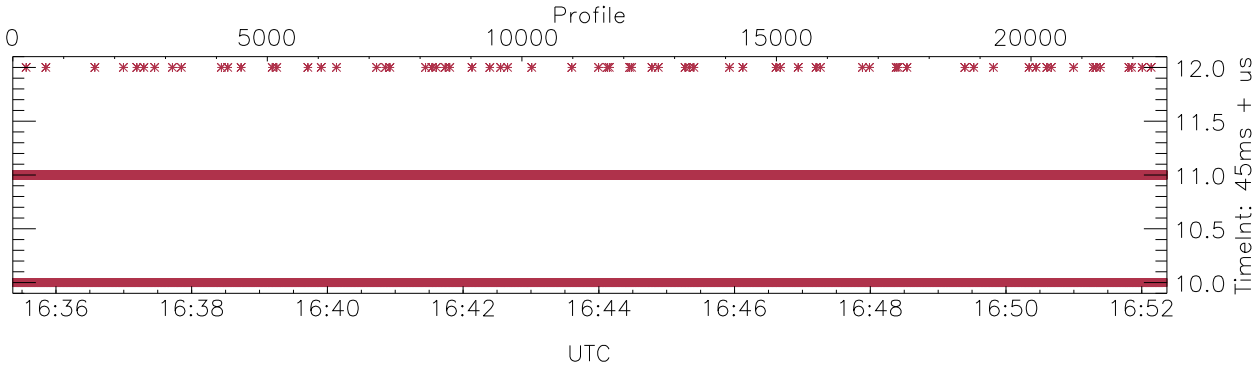
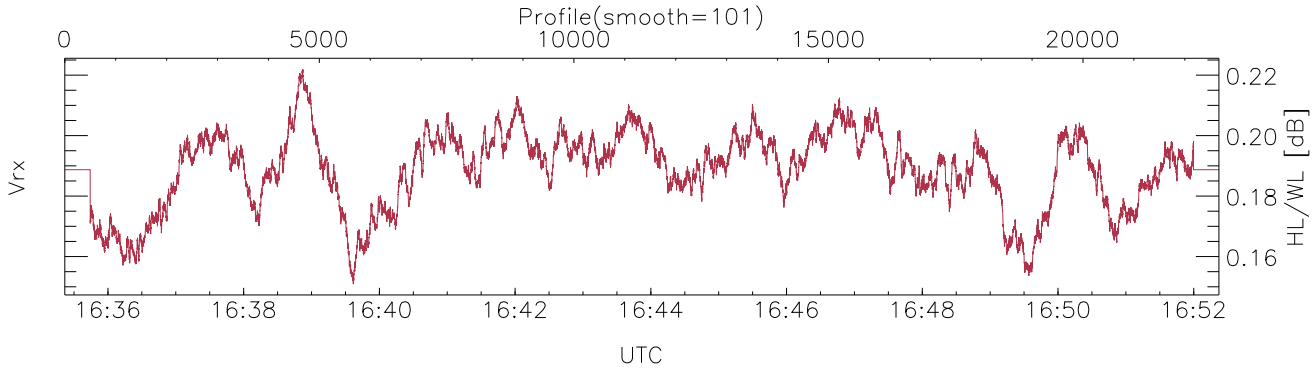
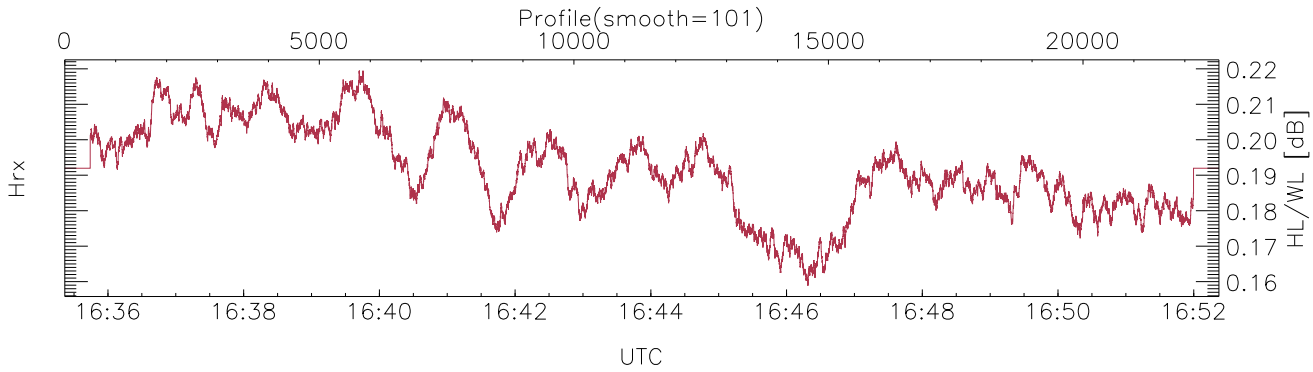


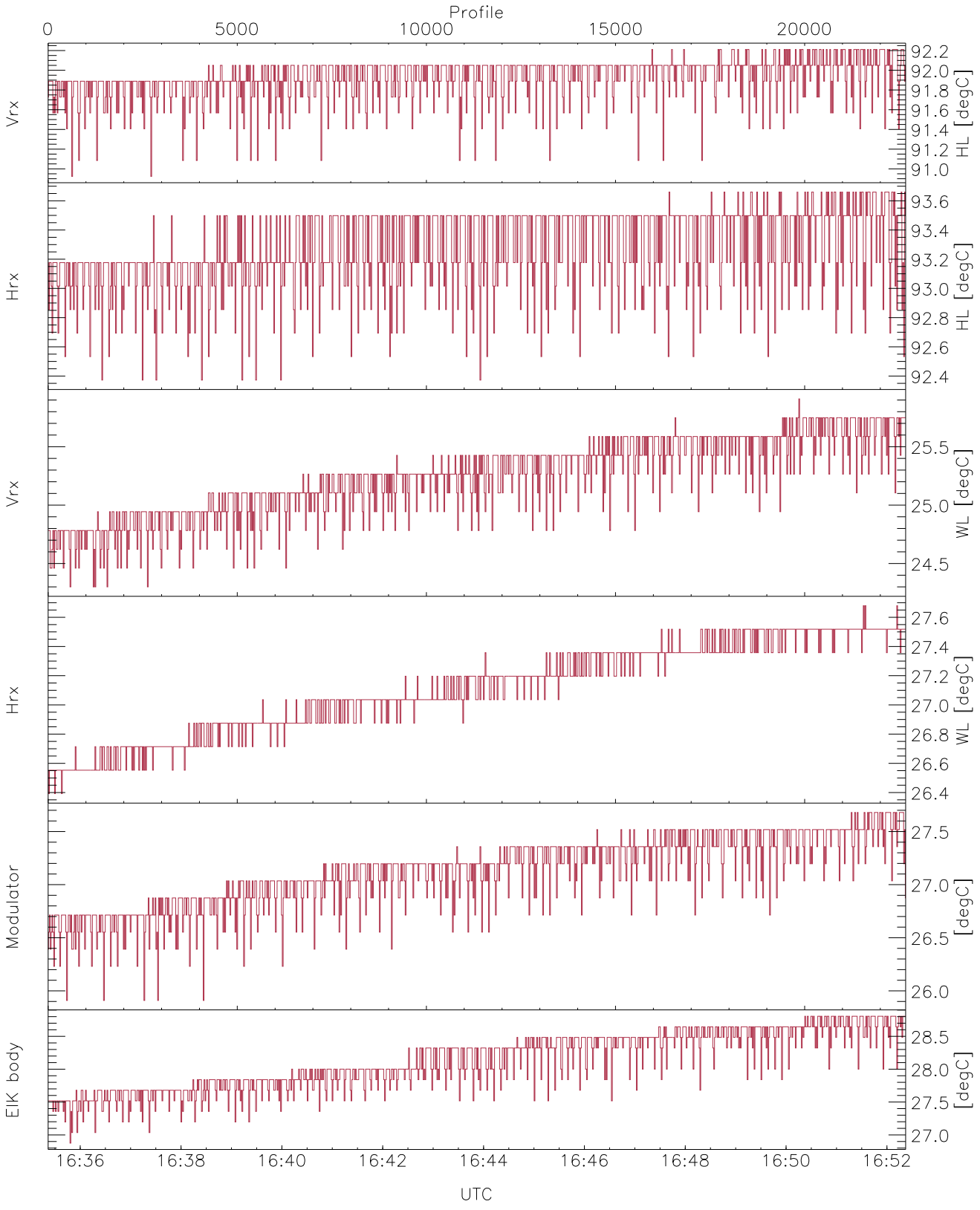






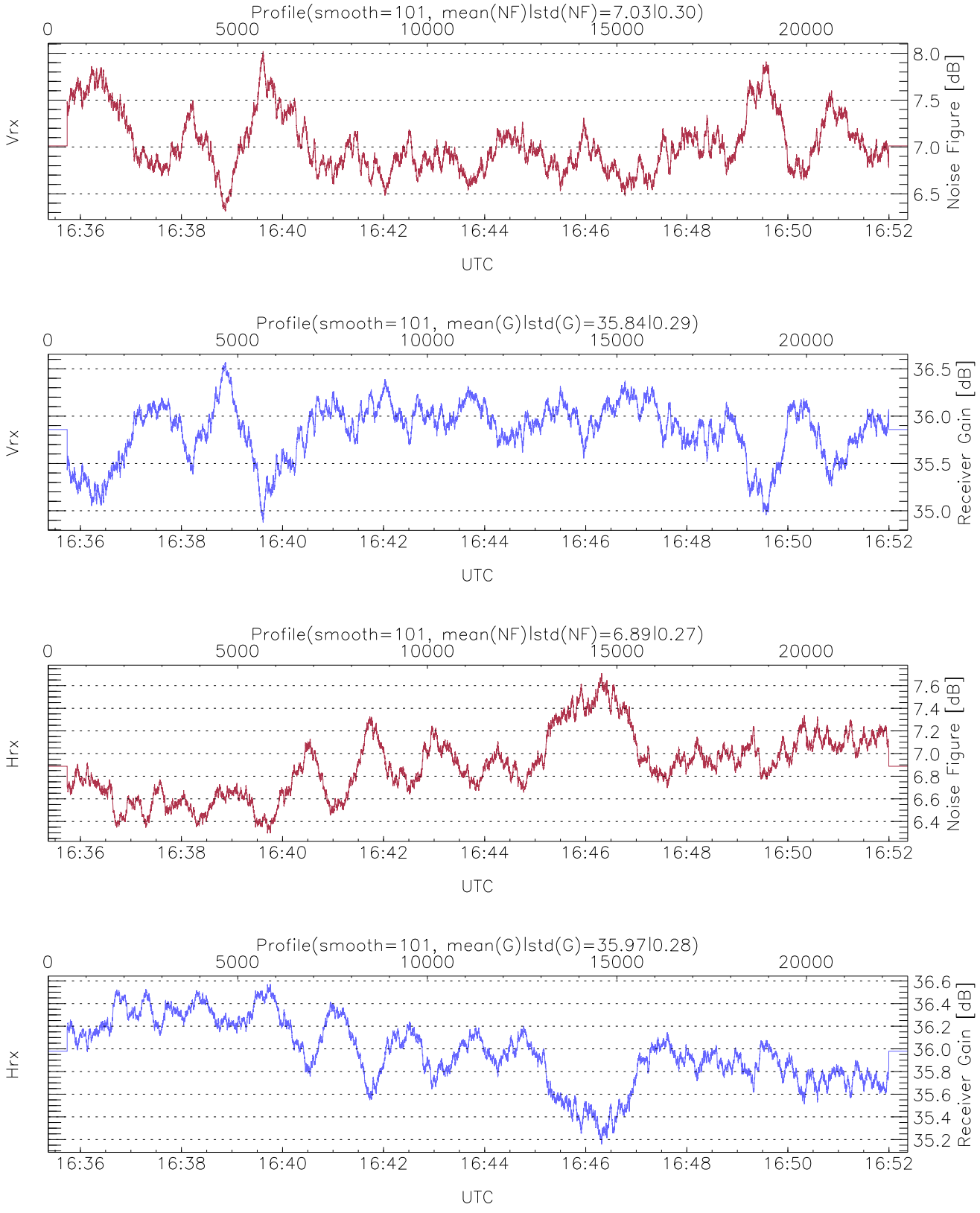
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:35:22-16:52:22, 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, 0-22671/16:35:22-16:52:22
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



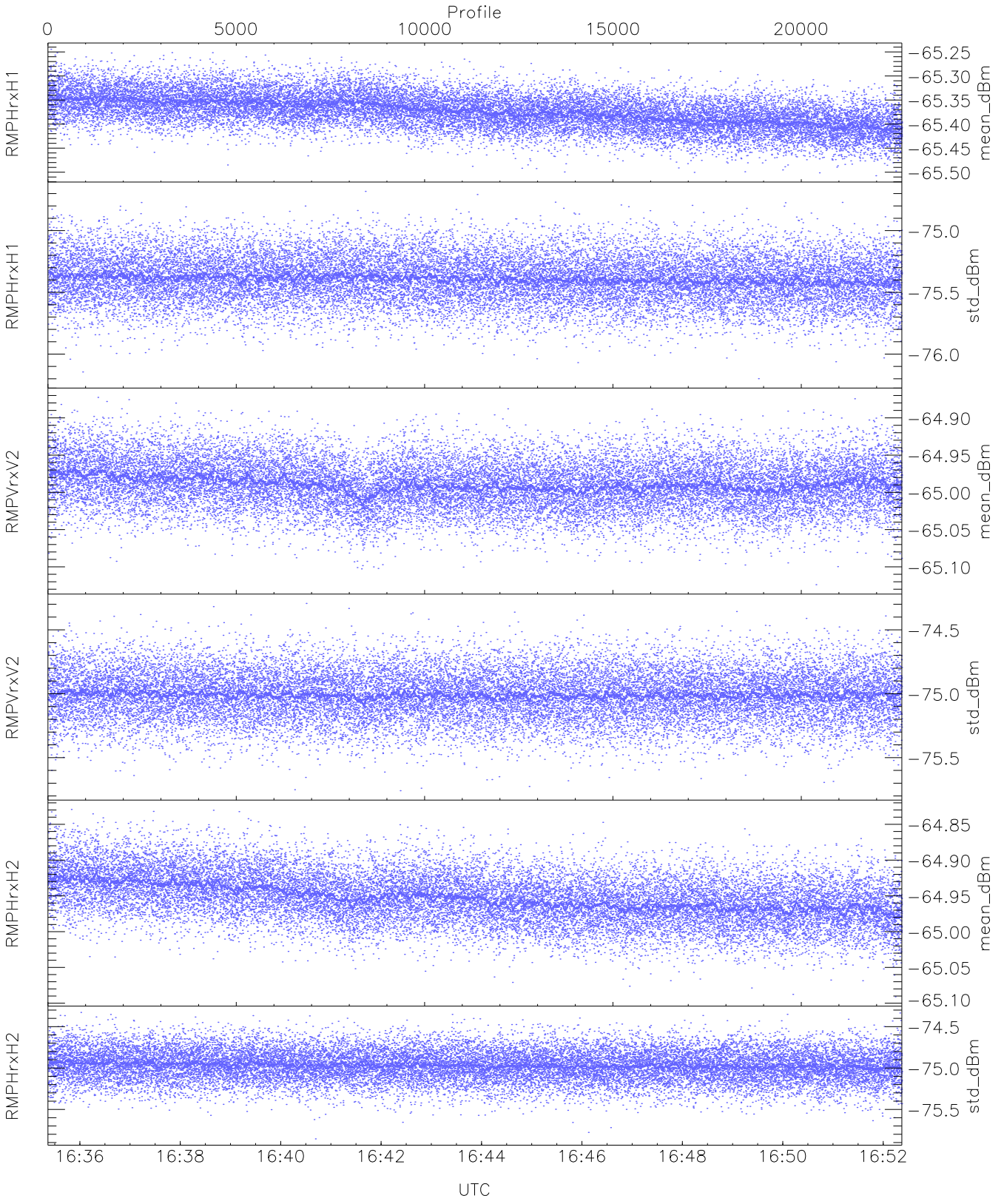
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,26,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,27,28
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



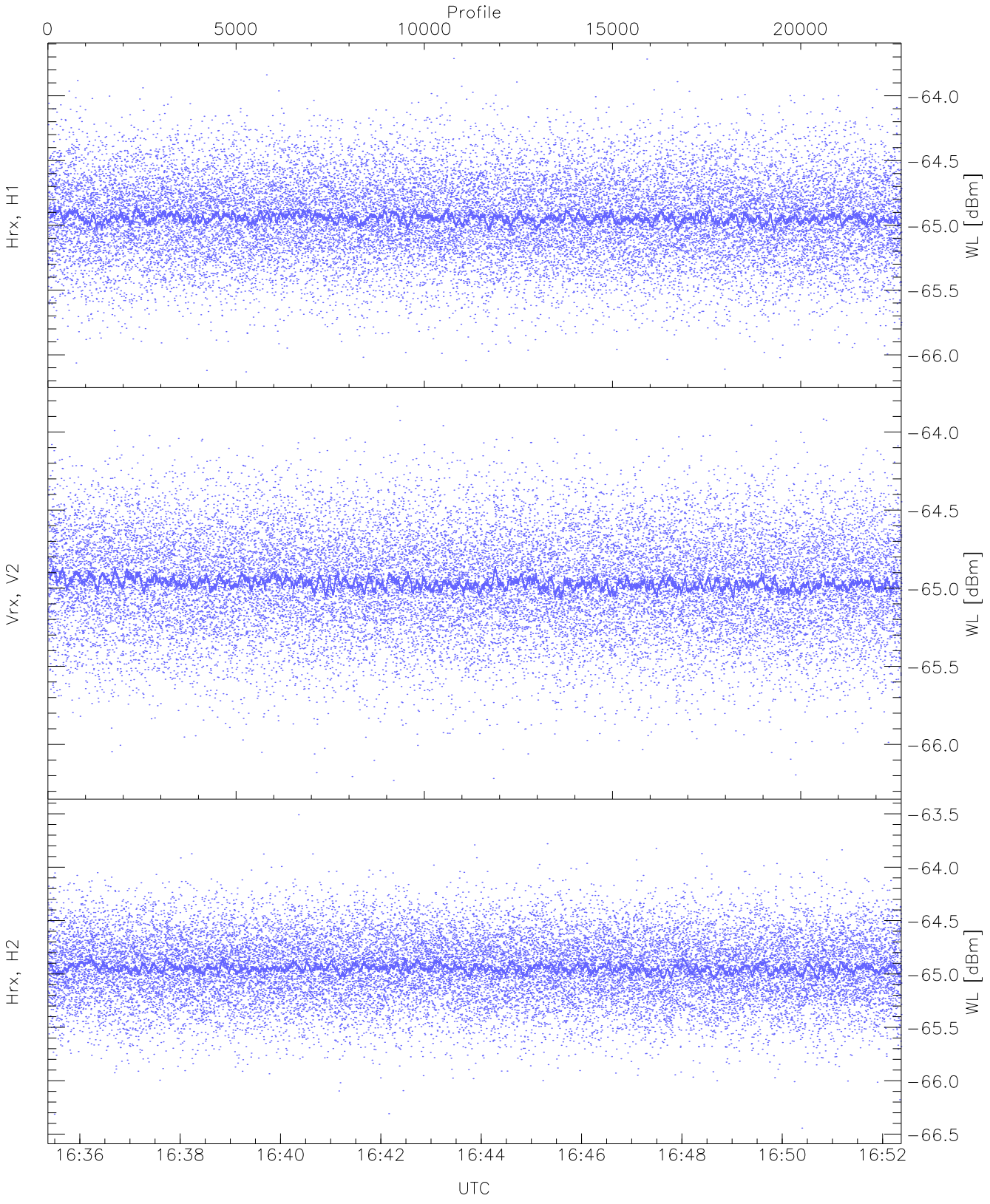
WCR3 CPP Receivers Gain and Noise Figure

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



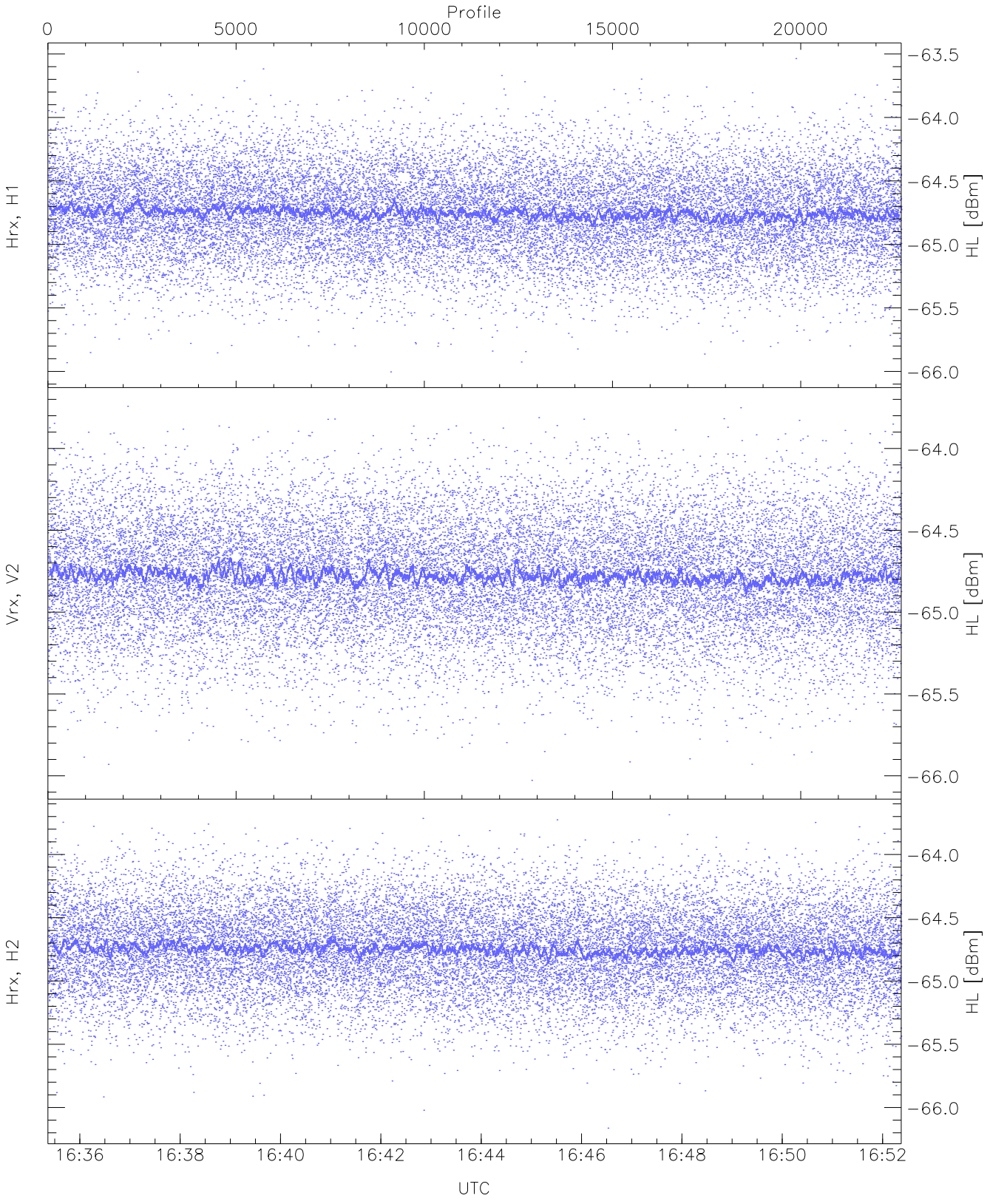
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.24	-65.37	-65.37	-86.24
RMPHrxH1(std_dBm)	-76.20	-74.68	-75.39	-75.39	-89.18
RMPVrxV2(mean_dBm)	-65.12	-64.87	-64.99	-64.99	-86.43
RMPVrxV2(std_dBm)	-75.76	-74.29	-75.01	-75.01	-88.79
RMPHrxH2(mean_dBm)	-65.09	-64.83	-64.95	-64.95	-86.09
RMPHrxH2(std_dBm)	-75.86	-74.33	-74.97	-74.97	-88.76



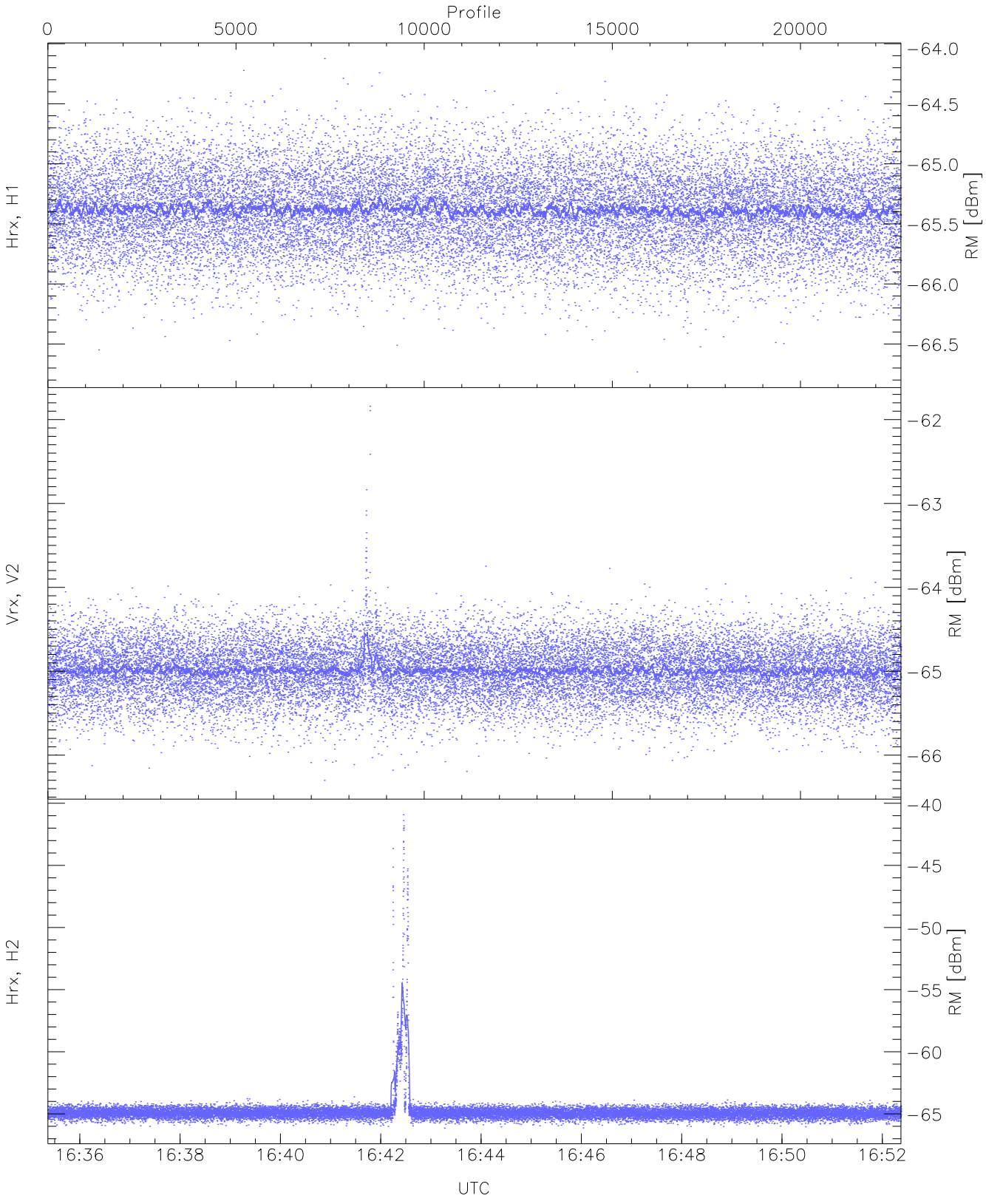
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.13	-63.71	-64.94	-64.94	-76.41
Vrx, V2(WL [dBm])	-66.23	-63.84	-64.96	-64.97	-76.47
Hrx, H2(WL [dBm])	-66.44	-63.51	-64.94	-64.95	-76.42



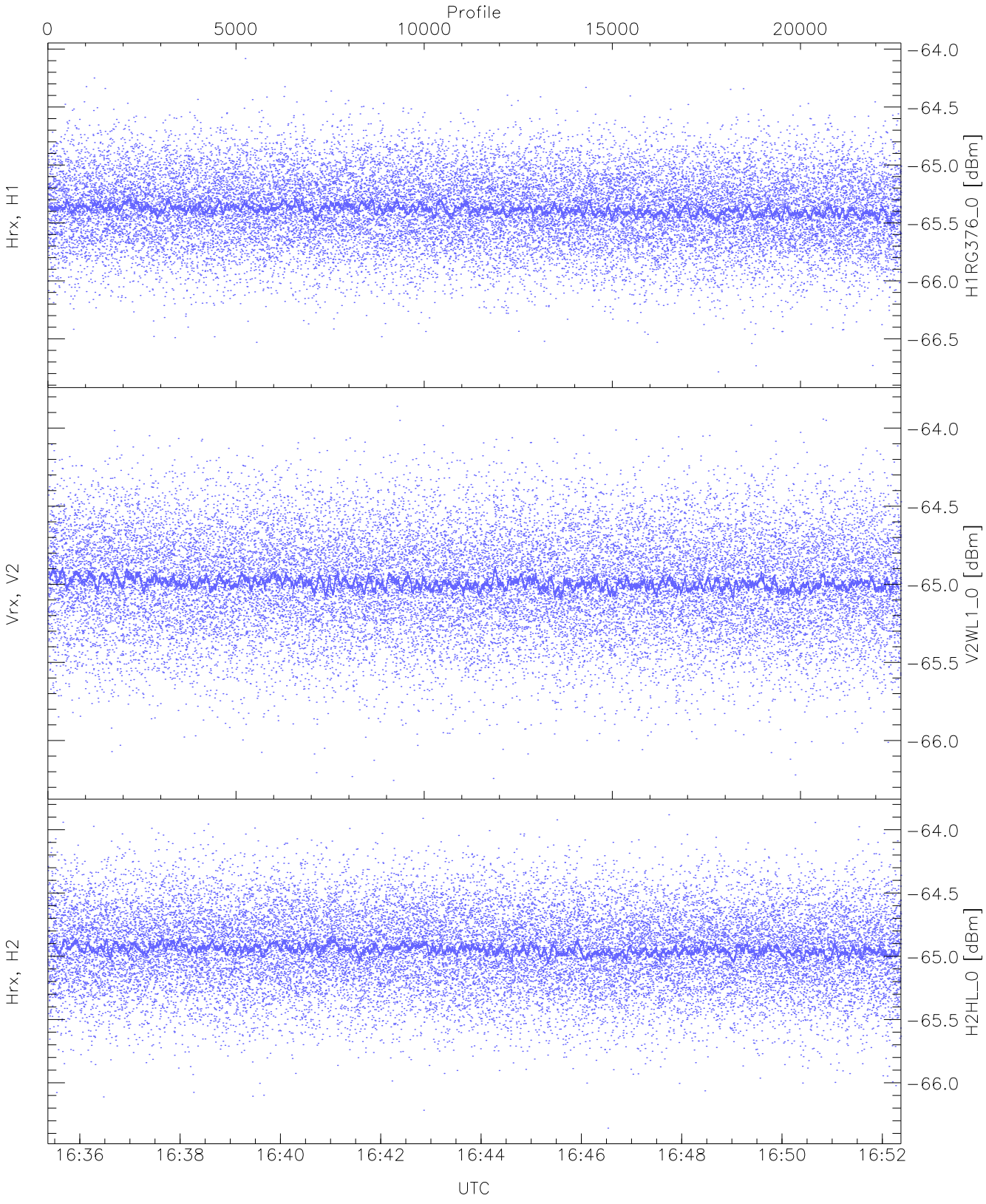
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.00	-63.54	-64.75	-64.75	-76.23
Vrx, V2(HL [dBm])	-66.03	-63.74	-64.77	-64.78	-76.27
Hrx, H2(HL [dBm])	-66.16	-63.69	-64.74	-64.75	-76.26



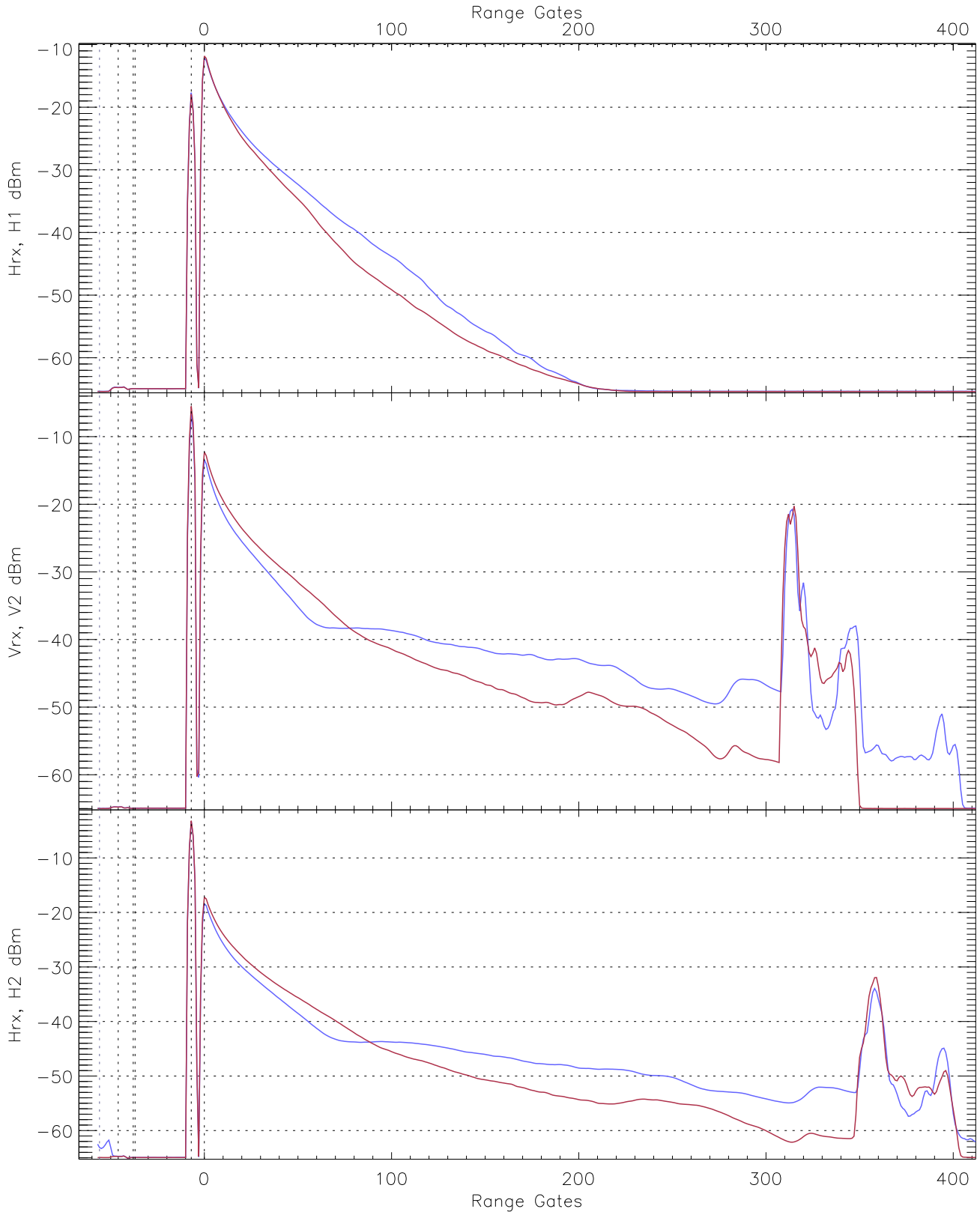
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.73	-64.12	-65.38	-65.38	-76.88
Vrx, V2(RM [dBm])	-66.30	-61.84	-64.98	-64.99	-76.38
Hrx, H2(RM [dBm])	-66.15	-40.93	-63.94	-64.93	-57.98

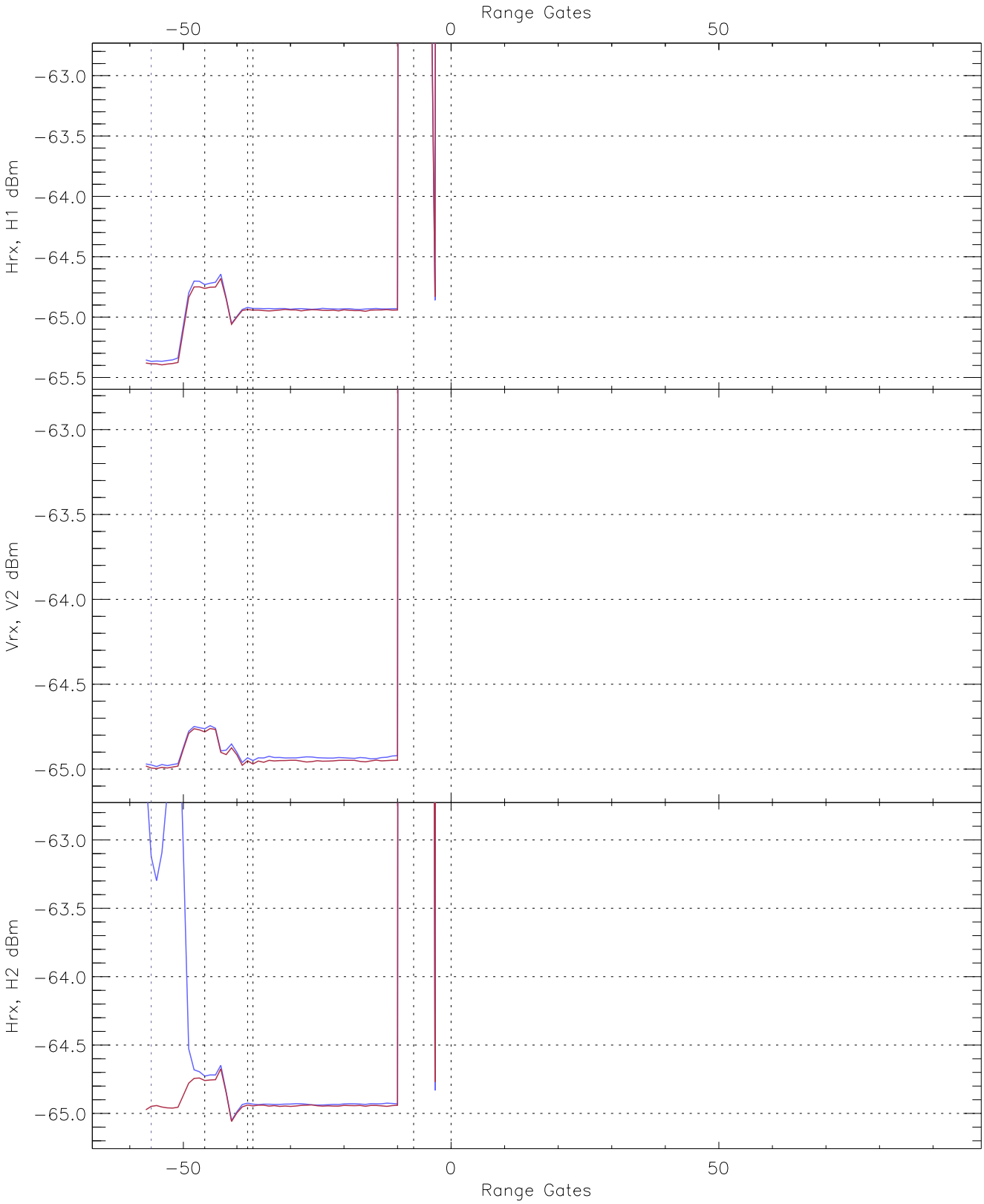


WCR3 CPP "Best" estimate Receivers Noise Power

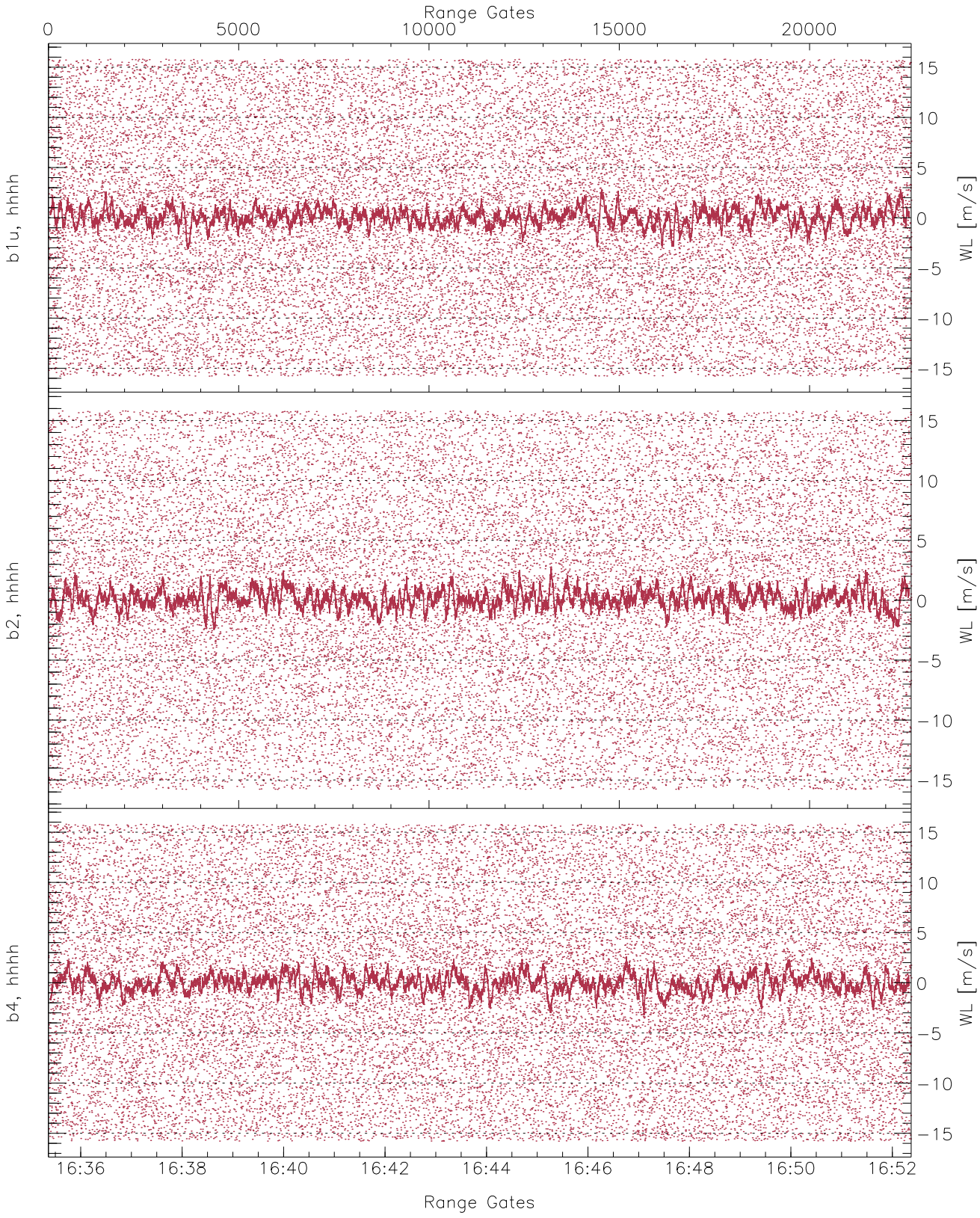
	Min	Max	Mean	Median	StDev
H1RG376_0 [dBm]	-66.79	-64.08	-65.38	-65.38	-76.88
V2WL1_0 [dBm]	-66.26	-63.86	-64.99	-64.99	-76.49
H2HL_0 [dBm]	-66.36	-63.88	-64.94	-64.94	-76.46



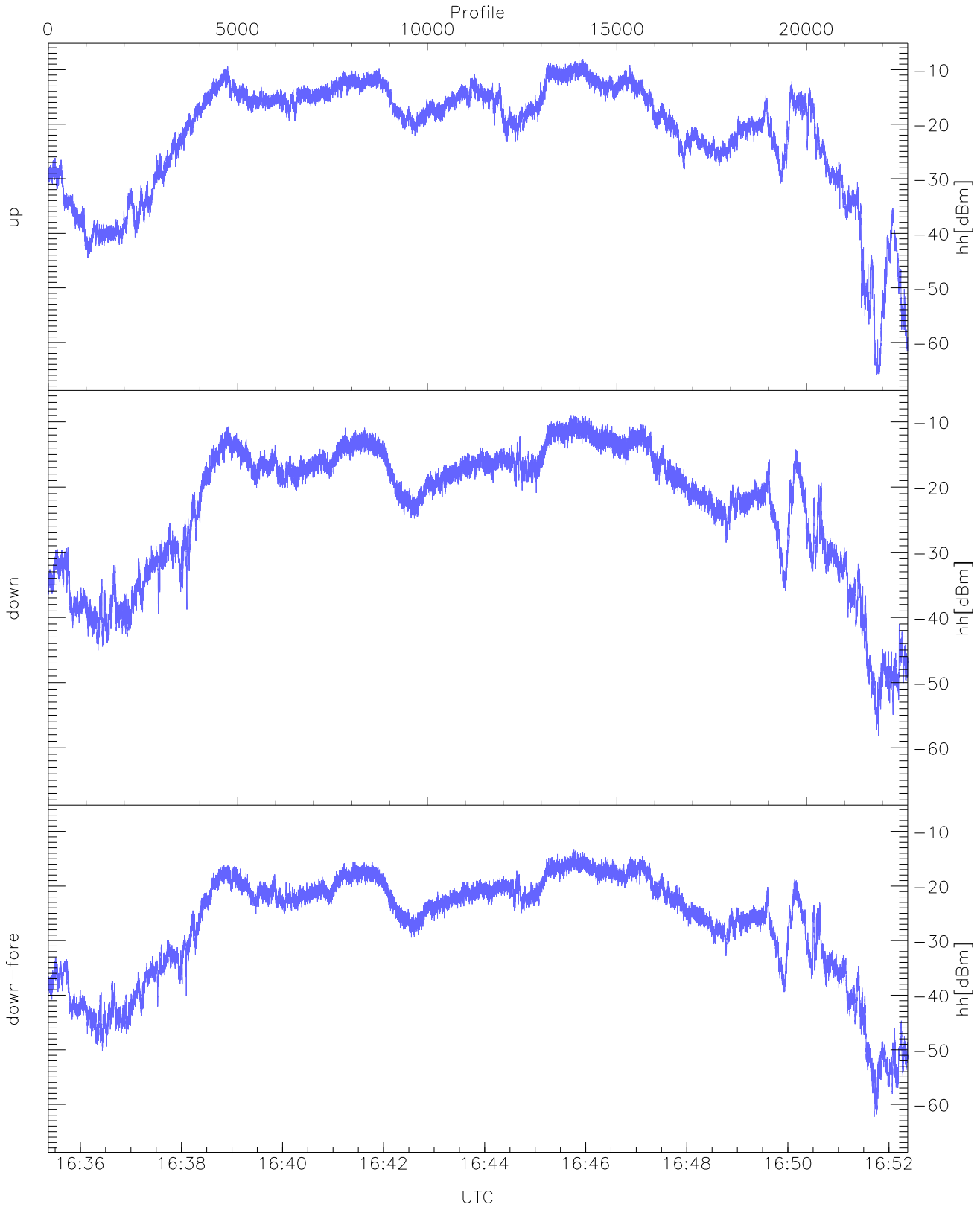
WCR3 CPP Averaged Received power for all recorded gates
blue: 163522-164352, 11337 profiles averaged
red: 164352-165222, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 163522-164352, 11337 profiles averaged
red: 164352-165222, 11336 profiles averaged

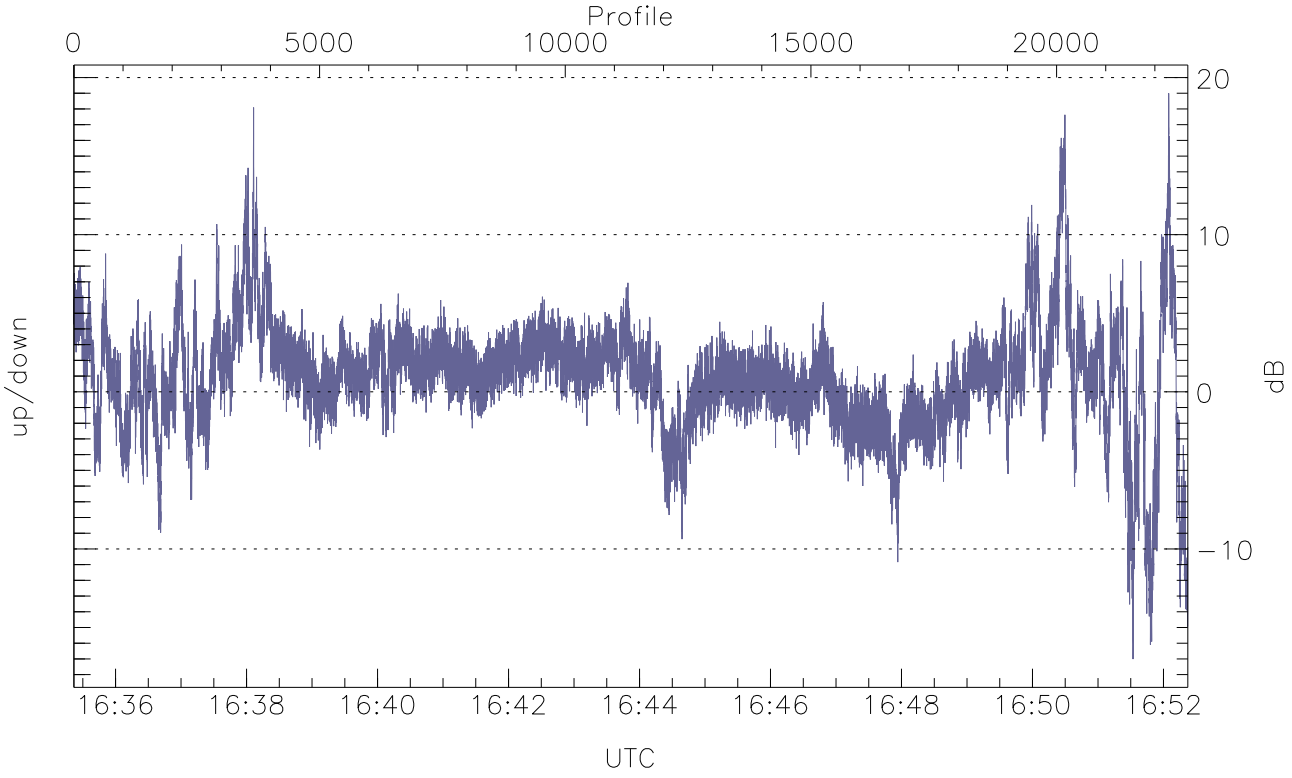


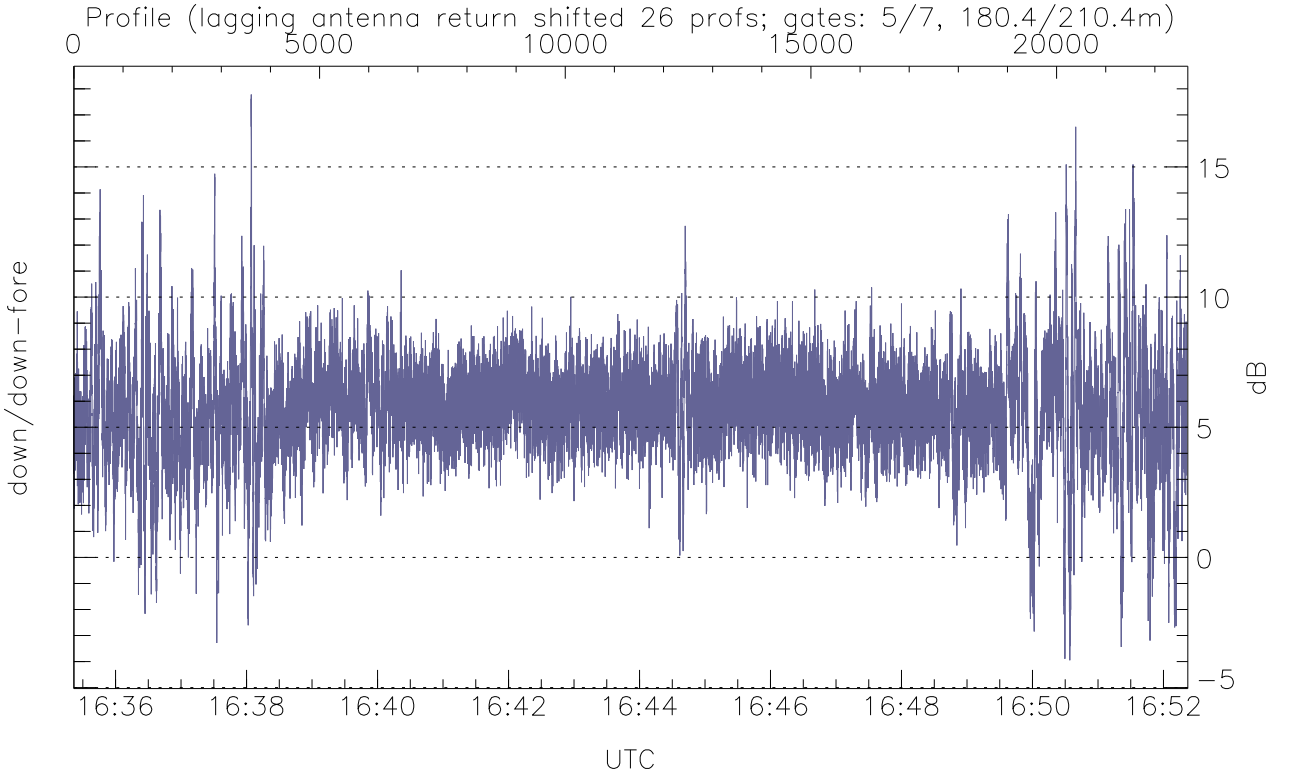
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

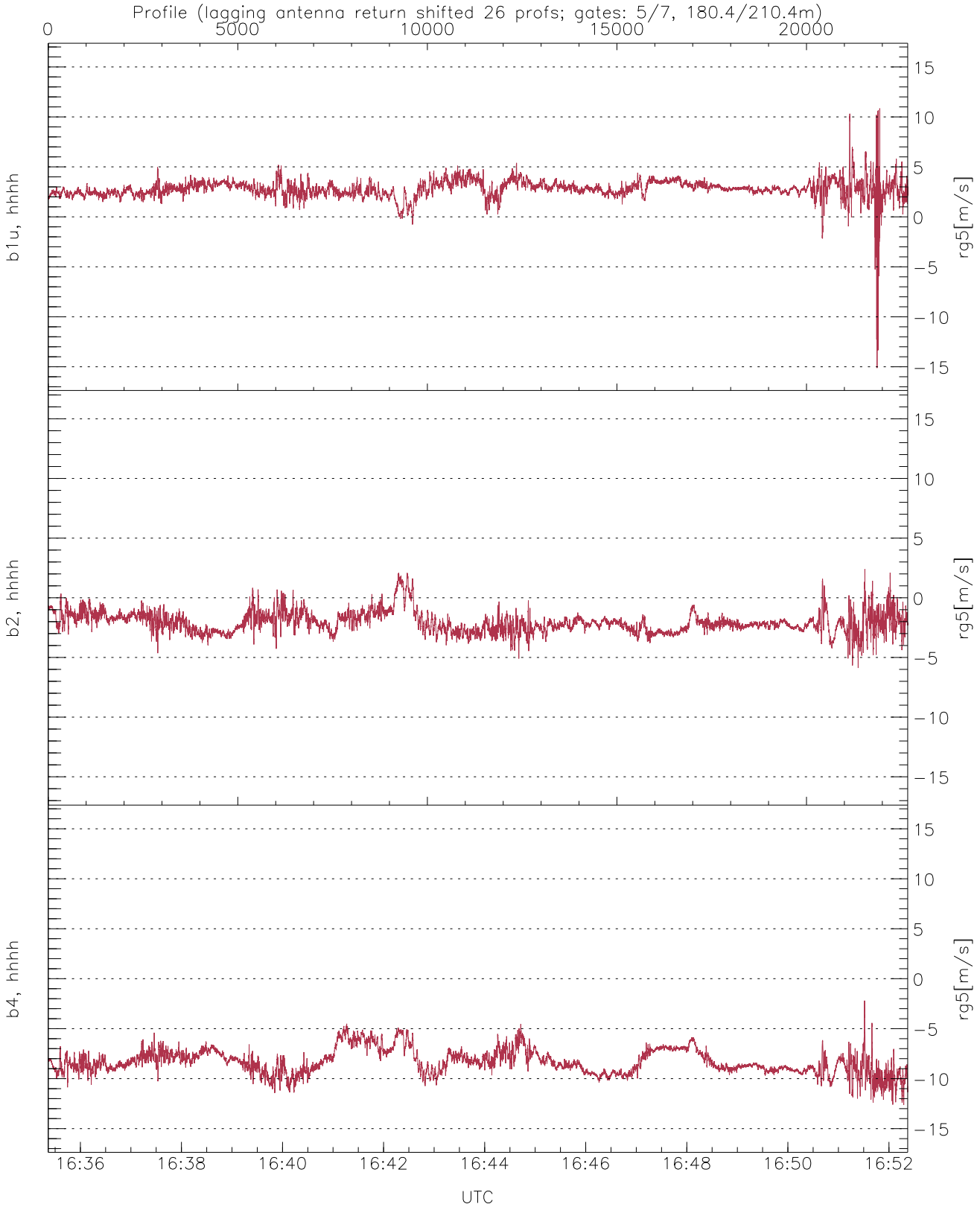
	Min	Max	Mean
up(hh[dBm])	-65.90	-8.06	-16.17
down(hh[dBm])	-58.14	-8.95	-17.11
down-fore(hh[dBm])	-62.28	-13.27	-21.65





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

	Min	Max	Mean
up/down(dB)	-17.01	19.00	0.94
down/down-fore(dB)	-3.95	17.78	5.72



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.13	10.85	2.80	0.85
b2, hhhh(rg5[m/s])	-5.88	2.39	-2.06	0.90
b4, hhhh(rg5[m/s])	-12.60	-2.19	-8.30	1.22