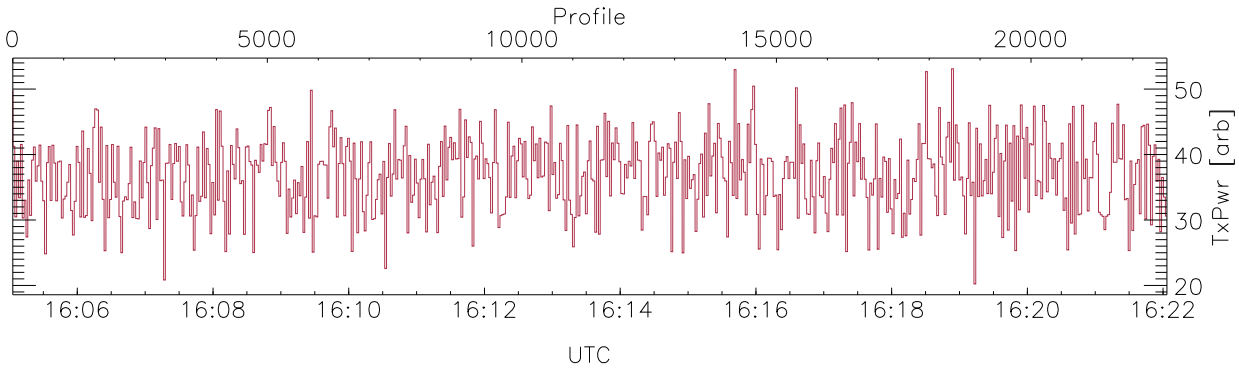
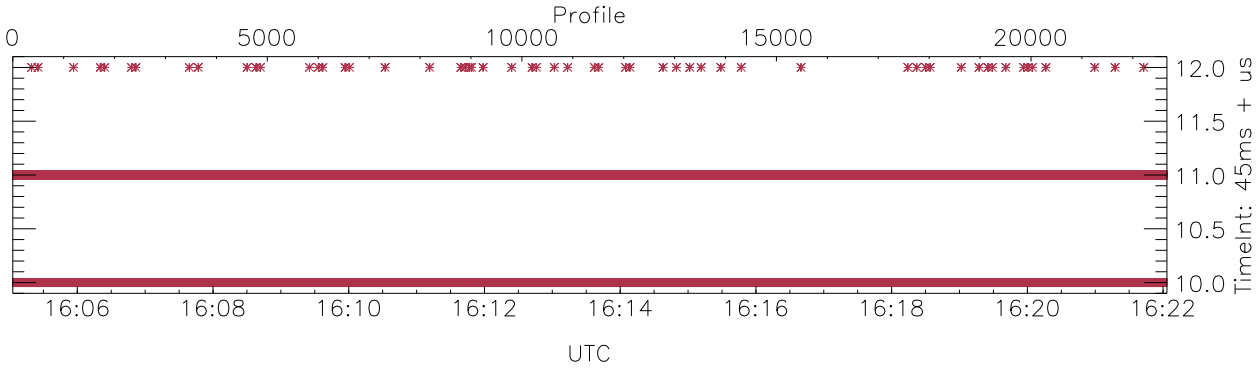
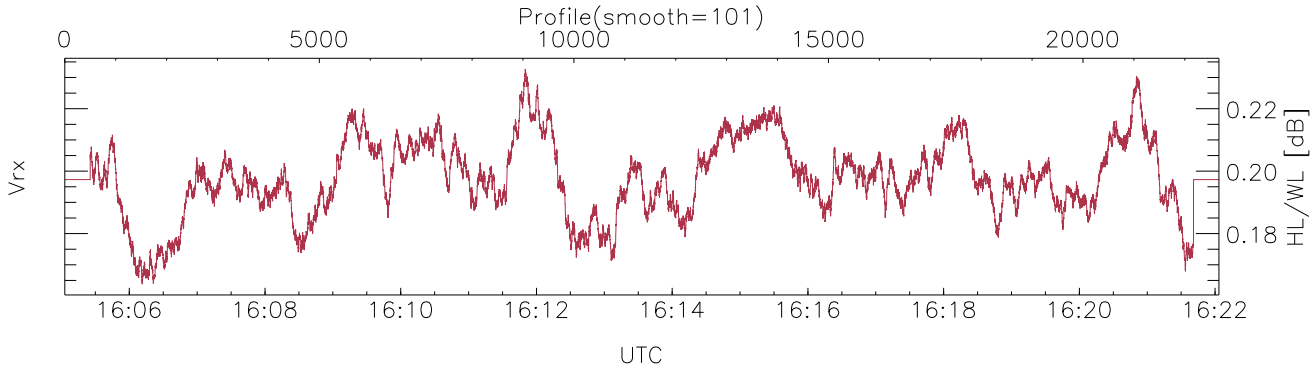
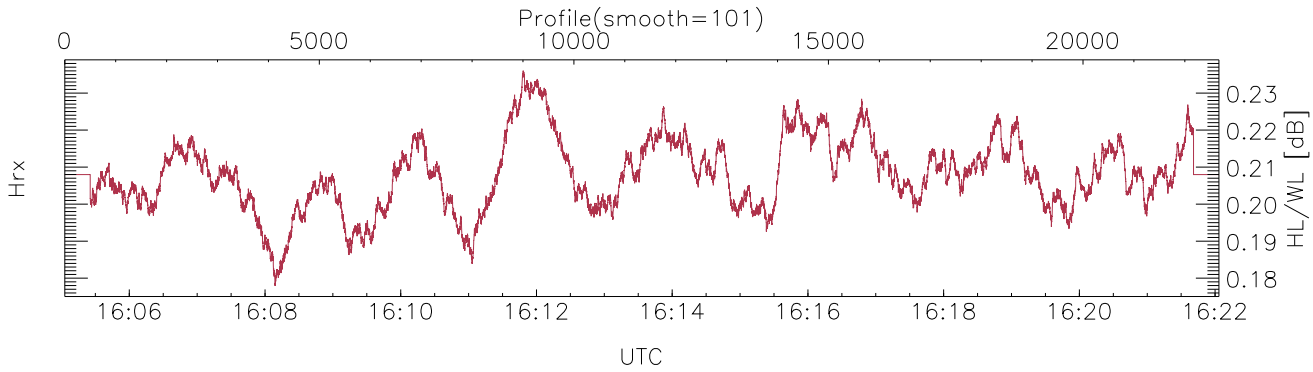


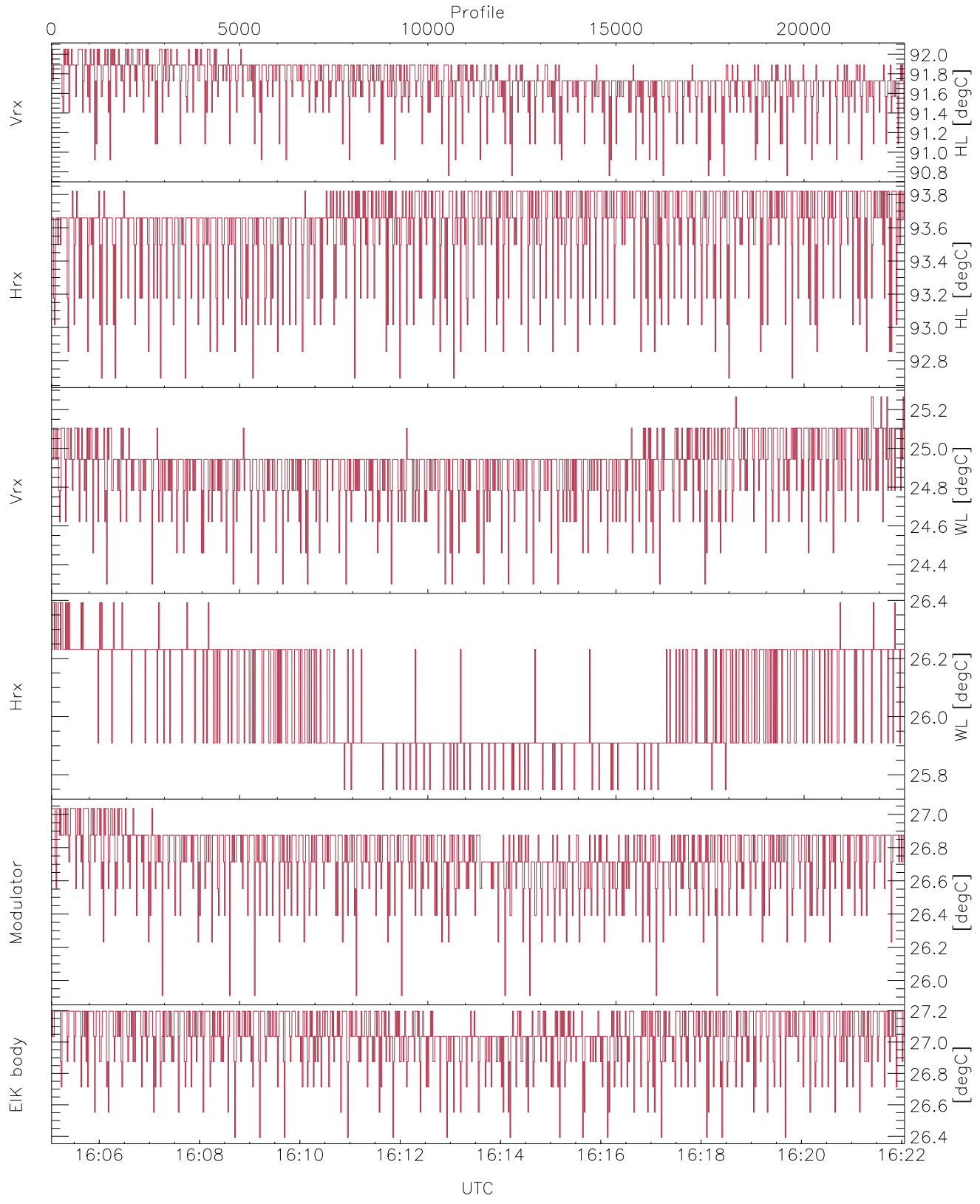






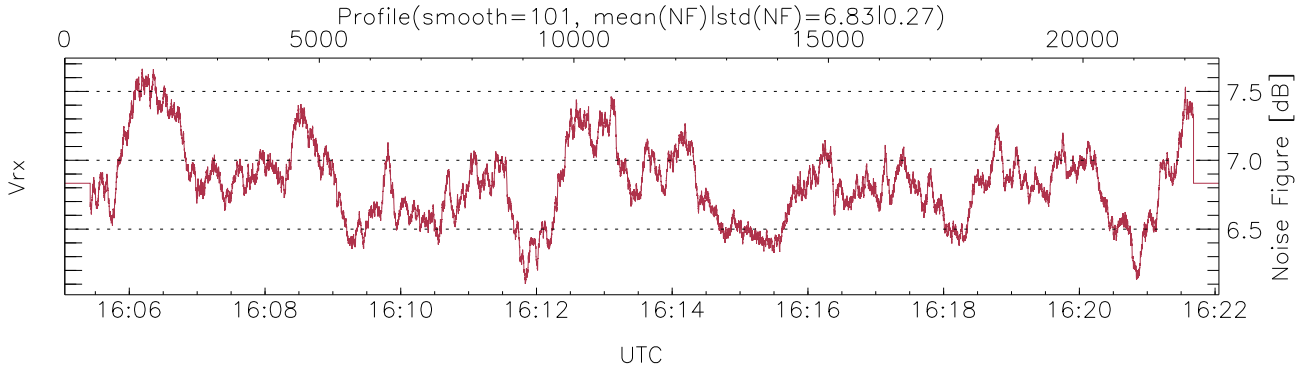
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

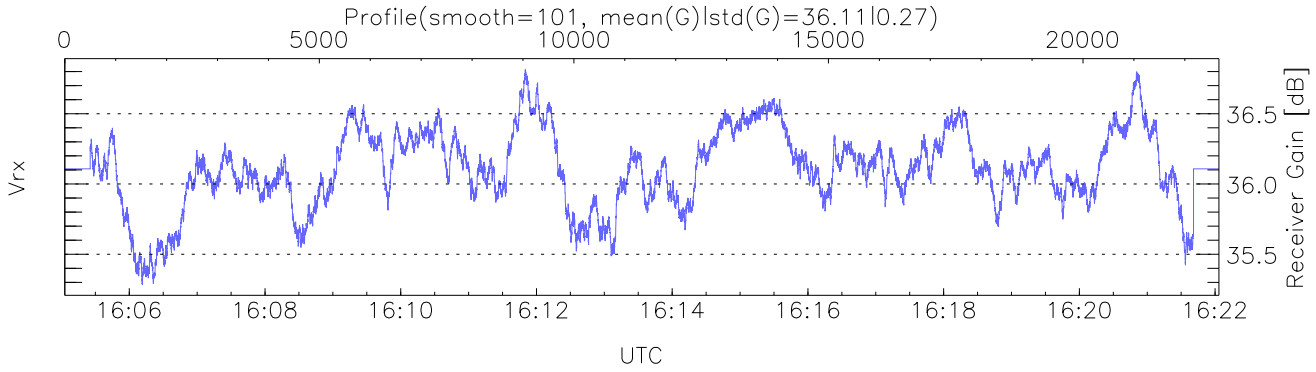
UTC: 16:05:03-16:22:03, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/16:05:03-16:22:03
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

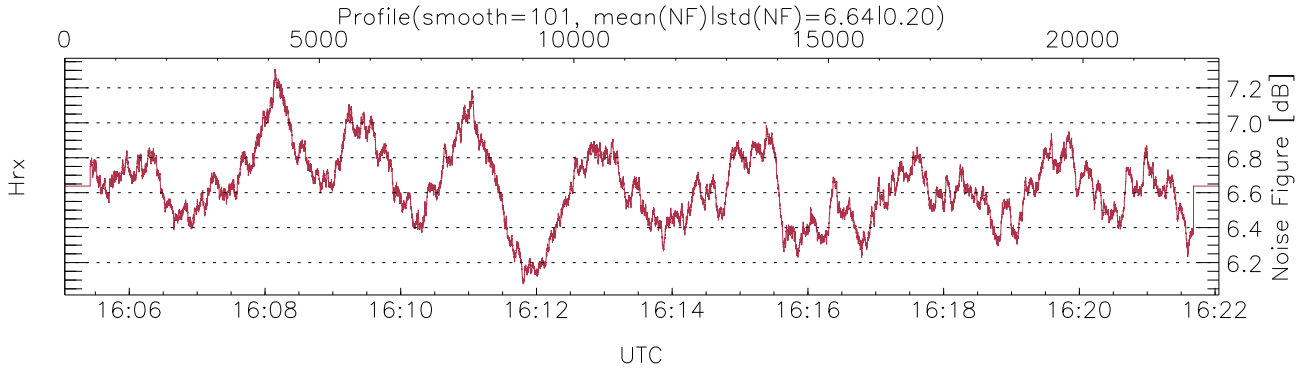


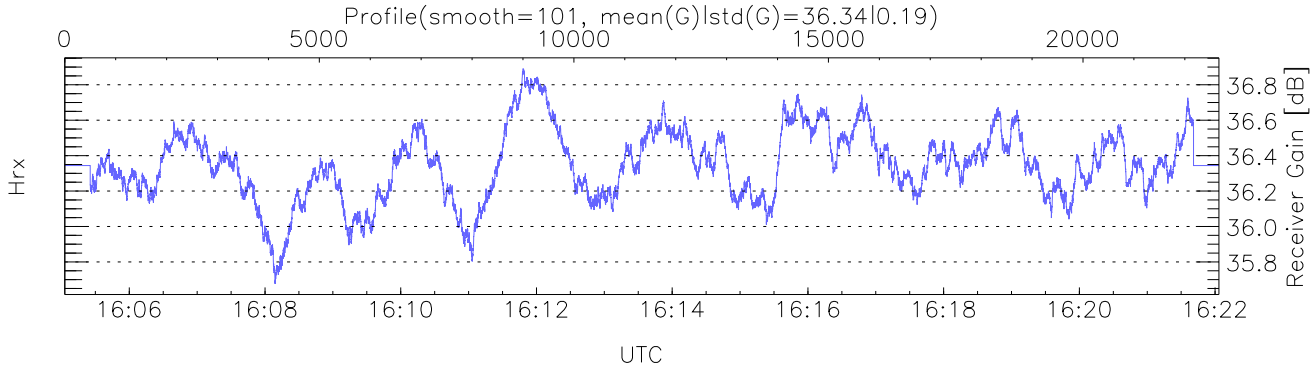
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,27,27
LOalarm(20,240,2817,14861 MHz): 0,0,44,0
EIK/Modulator Faults: None



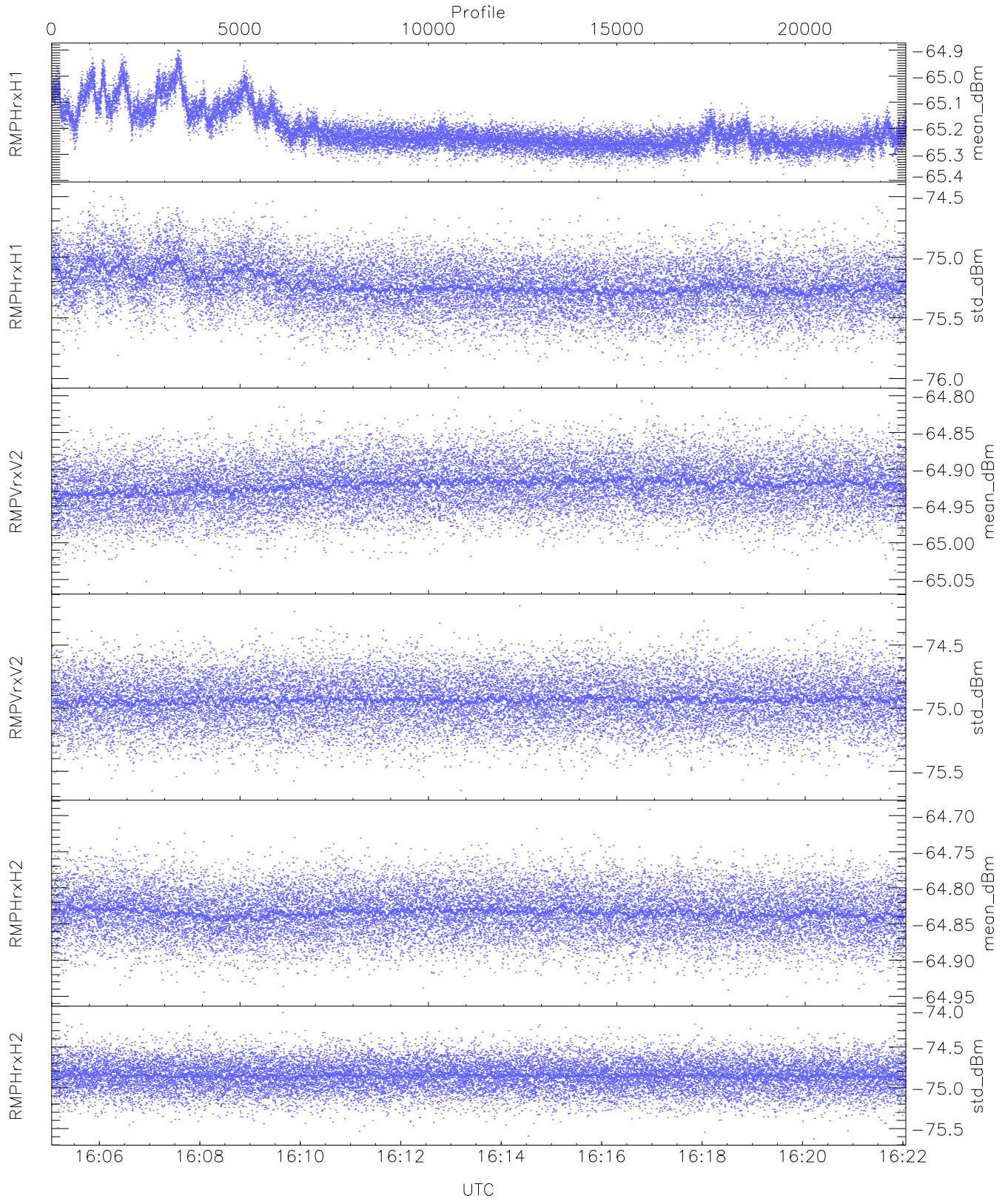






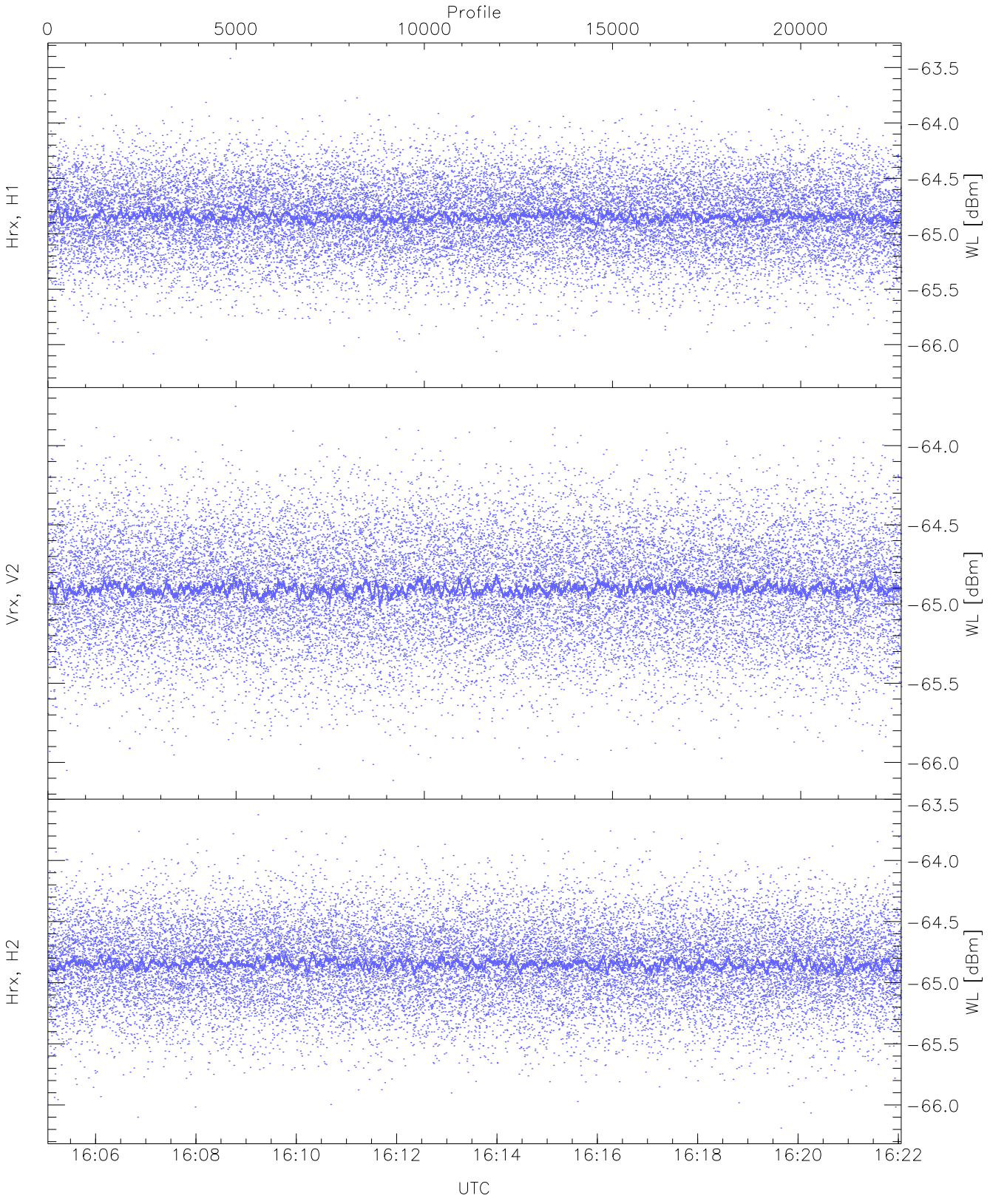
WCR3 CPP Receivers Gain and Noise Figure

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



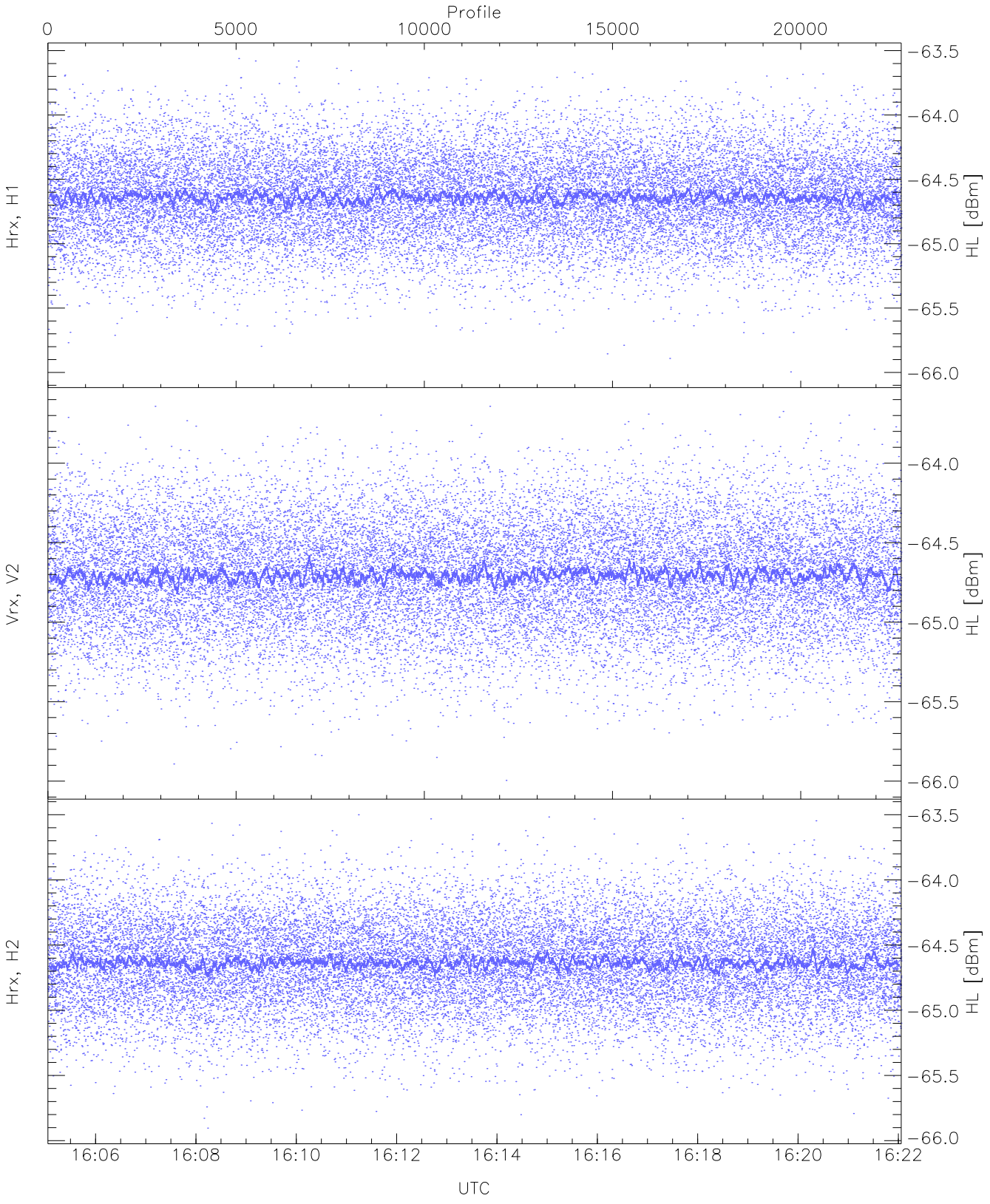
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.38	-64.90	-65.20	-65.23	-82.65
RMPHrxH1(std_dBm)	-76.00	-74.46	-75.22	-75.23	-88.70
RMPVrxV2(mean_dBm)	-65.06	-64.80	-64.92	-64.92	-86.44
RMPVrxV2(std_dBm)	-75.65	-74.17	-74.94	-74.94	-88.72
RMPHrxH2(mean_dBm)	-64.95	-64.69	-64.83	-64.83	-86.40
RMPHrxH2(std_dBm)	-75.63	-74.08	-74.85	-74.85	-88.70



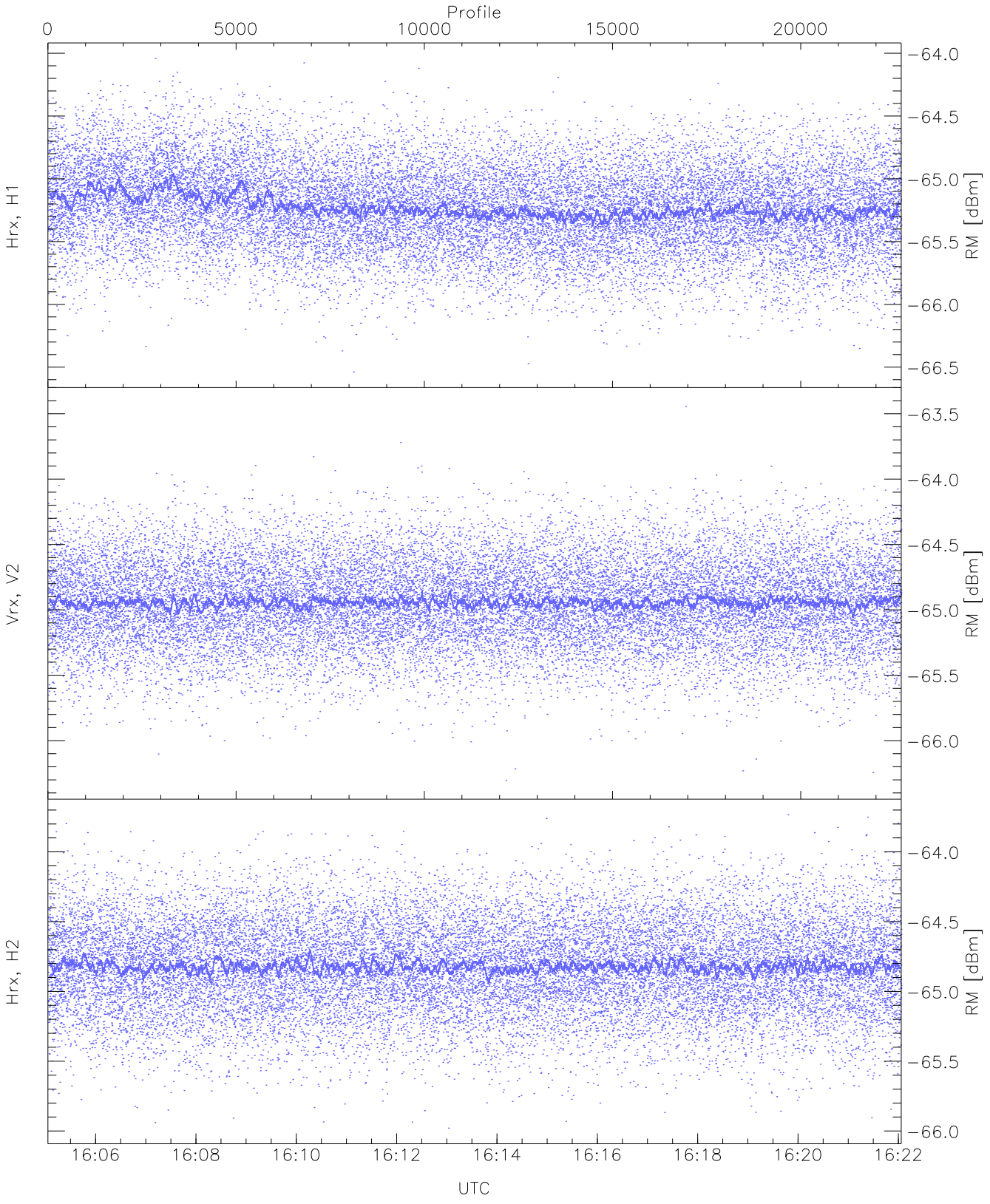
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.25	-63.42	-64.84	-64.84	-76.31
Vrx, V2(WL [dBm])	-66.11	-63.75	-64.90	-64.90	-76.37
Hrx, H2(WL [dBm])	-66.19	-63.63	-64.84	-64.84	-76.36



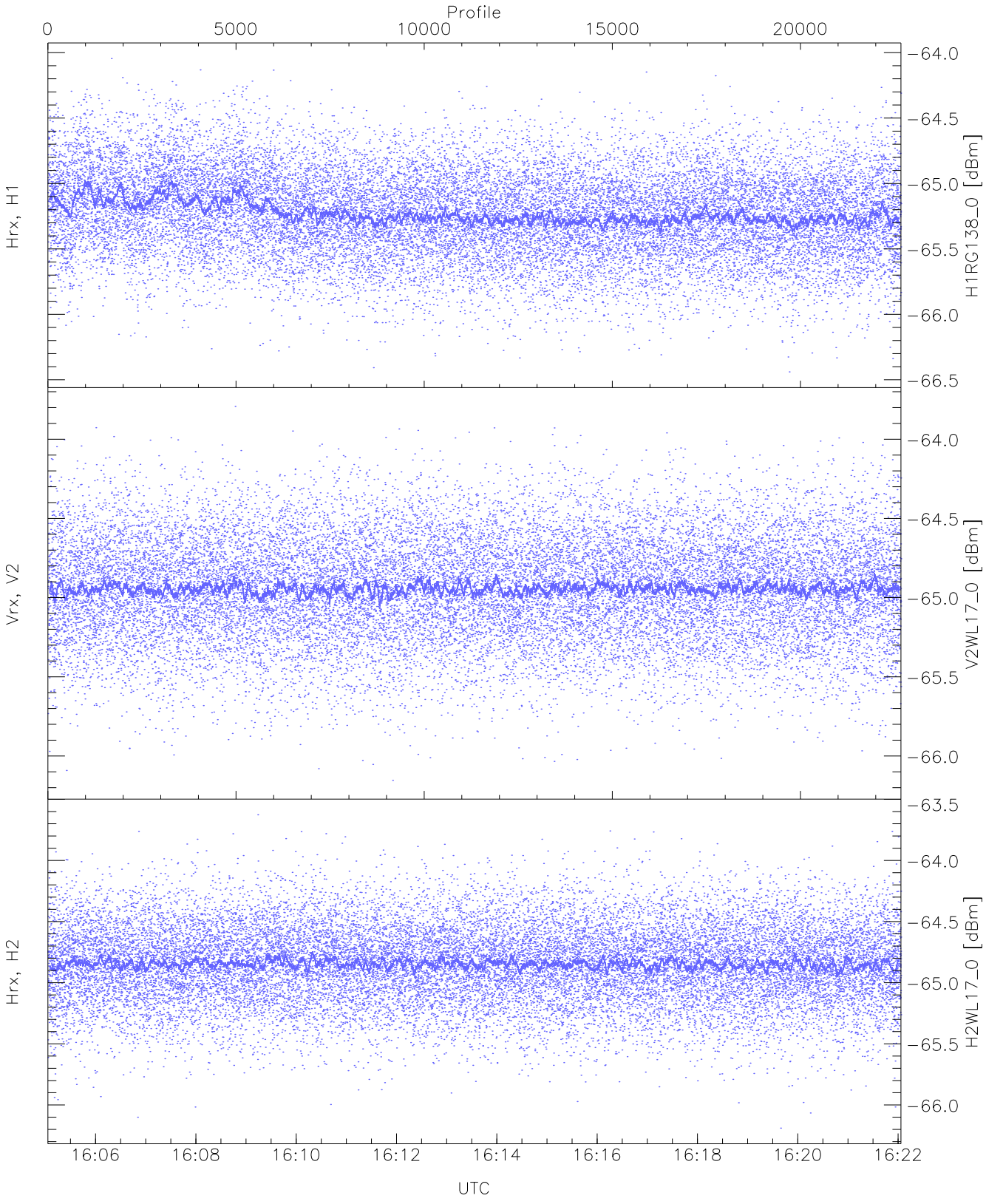
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.00	-63.56	-64.63	-64.64	-76.14
Vrx, V2(HL [dBm])	-66.00	-63.64	-64.70	-64.71	-76.22
Hrx, H2(HL [dBm])	-65.90	-63.50	-64.63	-64.64	-76.13



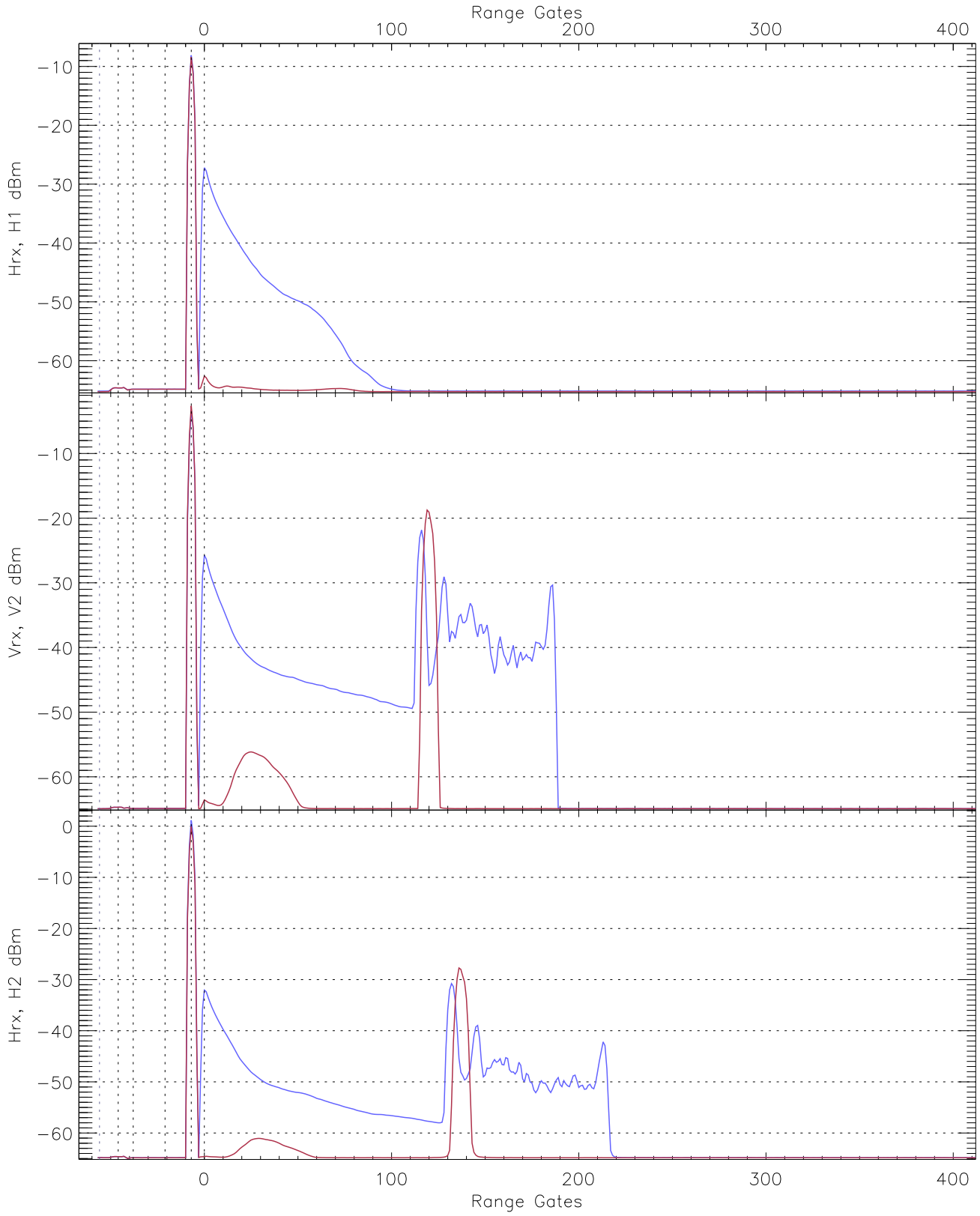
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.54	-64.04	-65.22	-65.23	-76.57
Vrx, V2(RM [dBm])	-66.30	-63.44	-64.94	-64.95	-76.44
Hrx, H2(RM [dBm])	-65.98	-63.73	-64.81	-64.83	-76.35

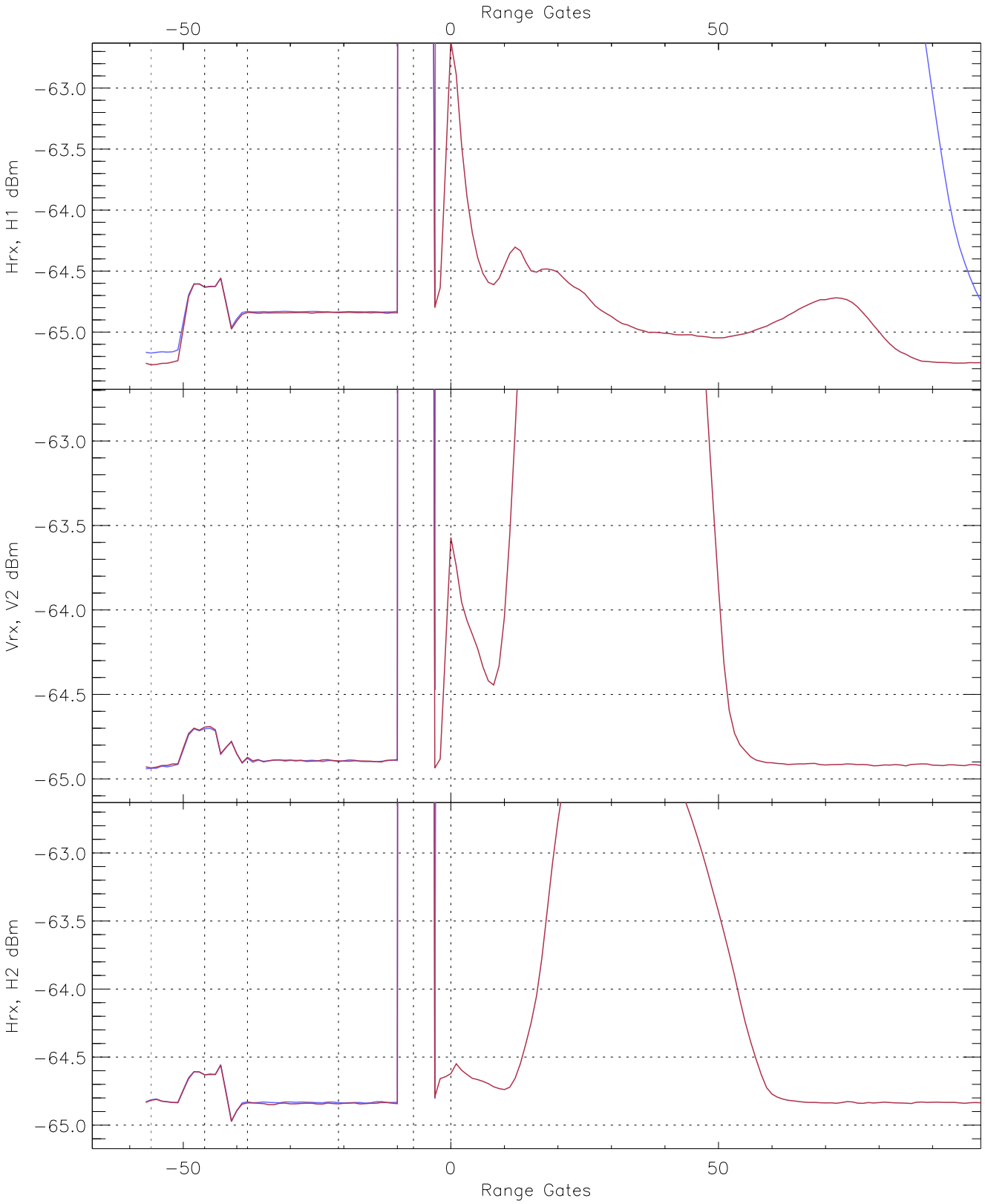


WCR3 CPP "Best" estimate Receivers Noise Power

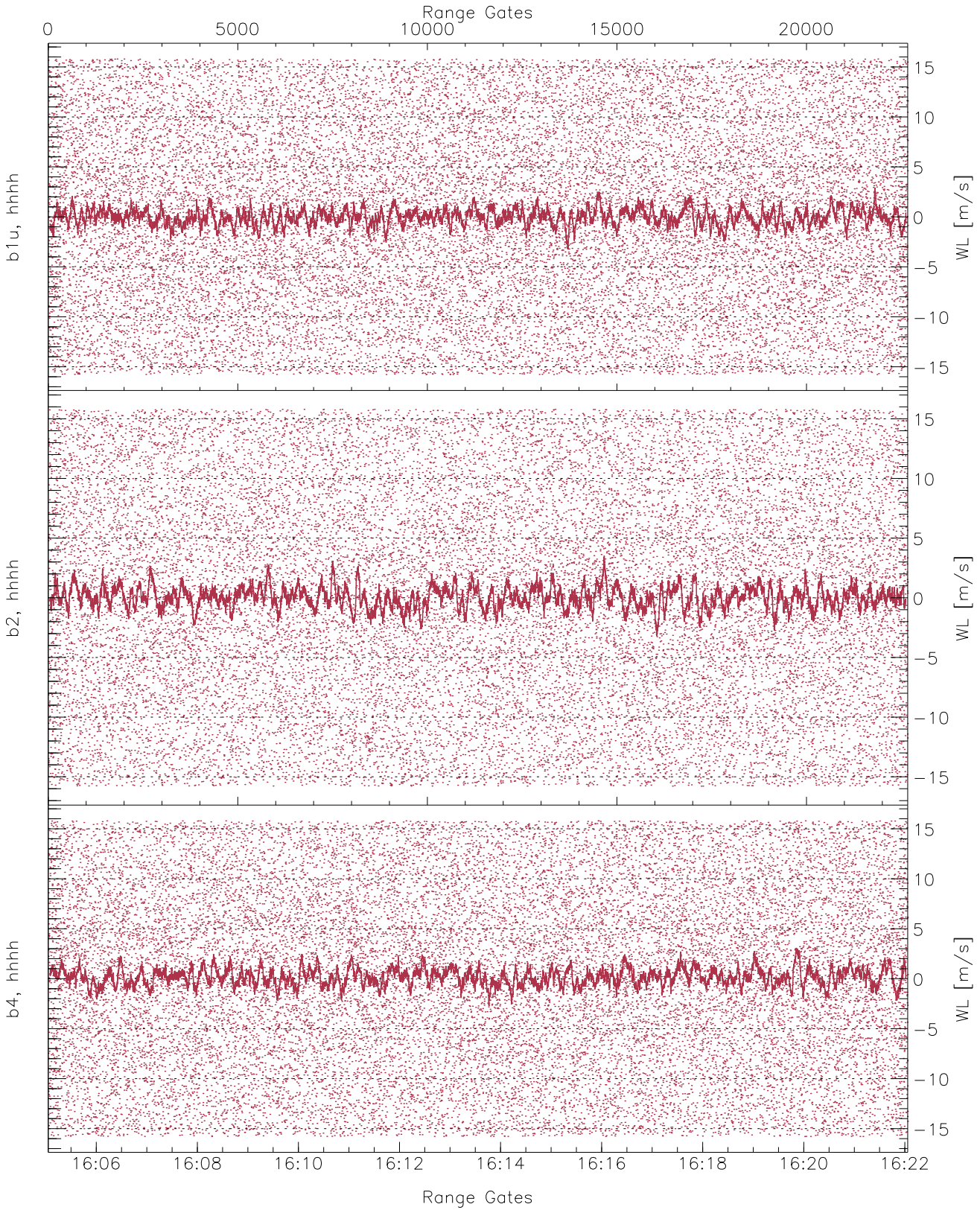
	Min	Max	Mean	Median	StDev
H1RG138_0 [dBm]	-66.44	-64.05	-65.22	-65.23	-76.62
V2WL17_0 [dBm]	-66.15	-63.79	-64.94	-64.94	-76.41
H2WL17_0 [dBm]	-66.19	-63.63	-64.84	-64.84	-76.36



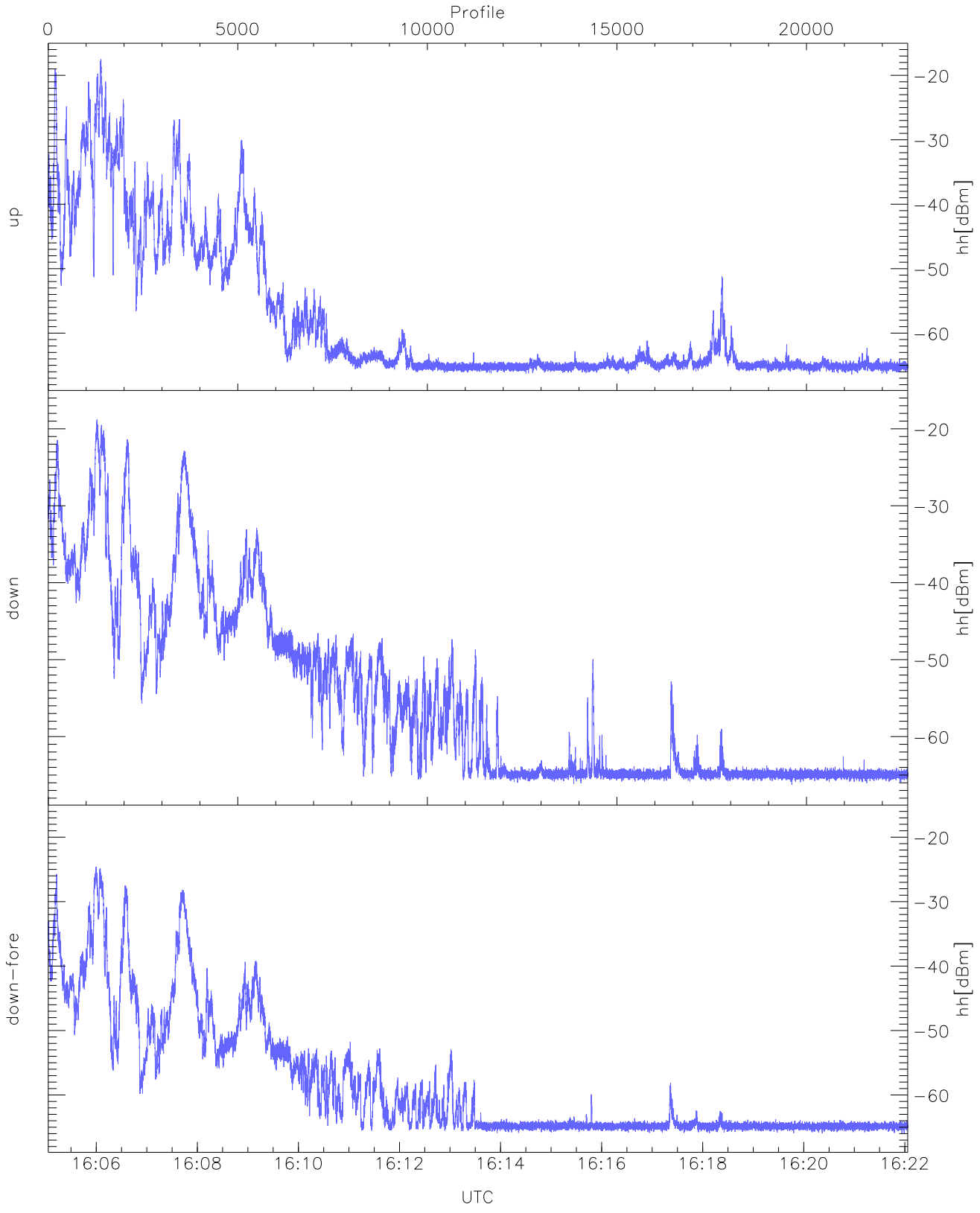
WCR3 CPP Averaged Received power for all recorded gates
blue: 160503-161333, 11337 profiles averaged
red: 161333-162203, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 160503-161333, 11337 profiles averaged
red: 161333-162203, 11336 profiles averaged

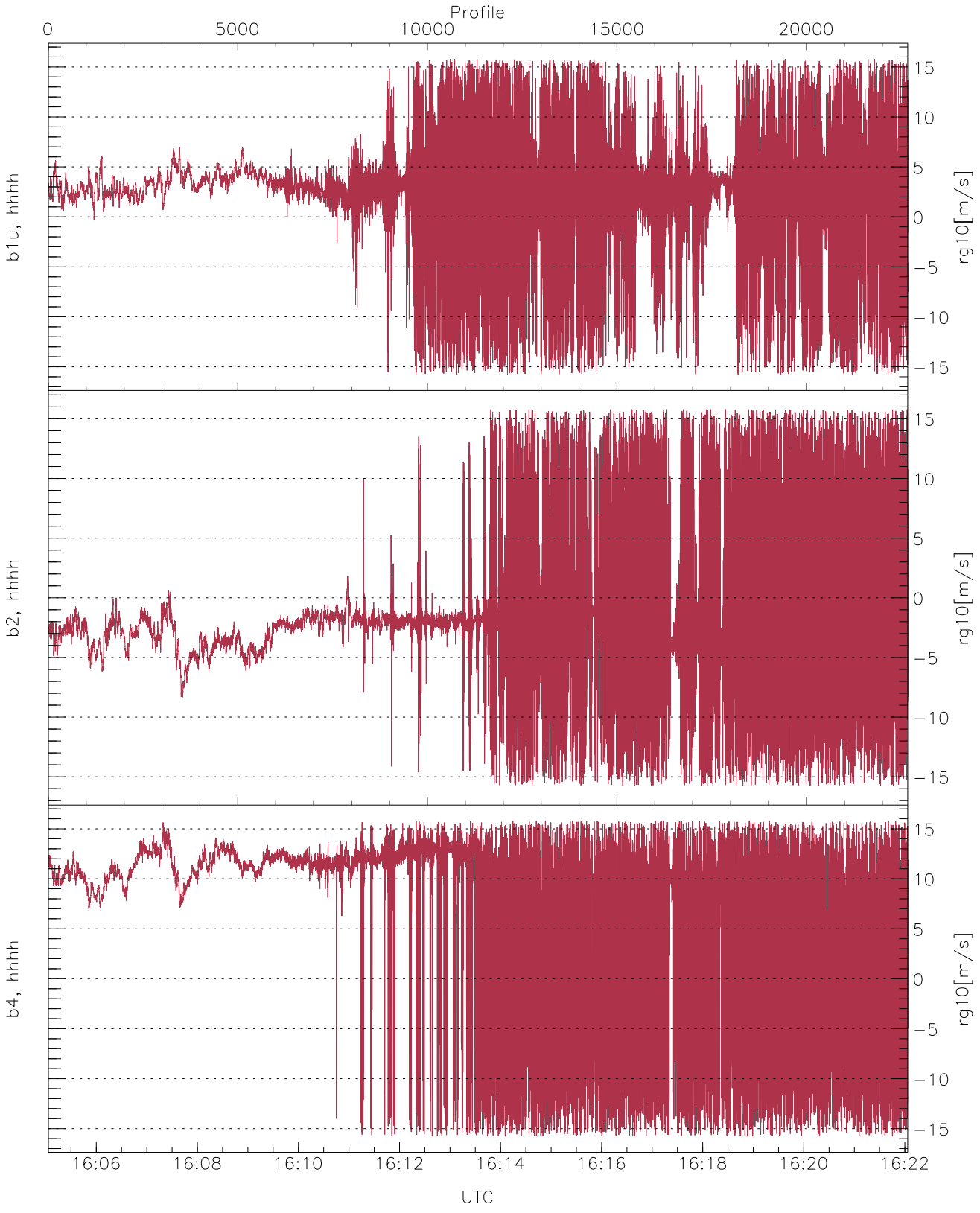


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 10 (255.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.45	-17.47	-38.54
down(hh[dBm])	-66.27	-18.81	-37.01
down-fore(hh[dBm])	-65.97	-24.58	-42.72



WCR3 CPP Doppler Velocity Products at 255.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg10[m/s])	-15.78	15.79	2.11	5.27
b2, hhhh(rg10[m/s])	-15.79	15.79	-1.58	5.87
b4, hhhh(rg10[m/s])	-15.78	15.79	5.72	8.45