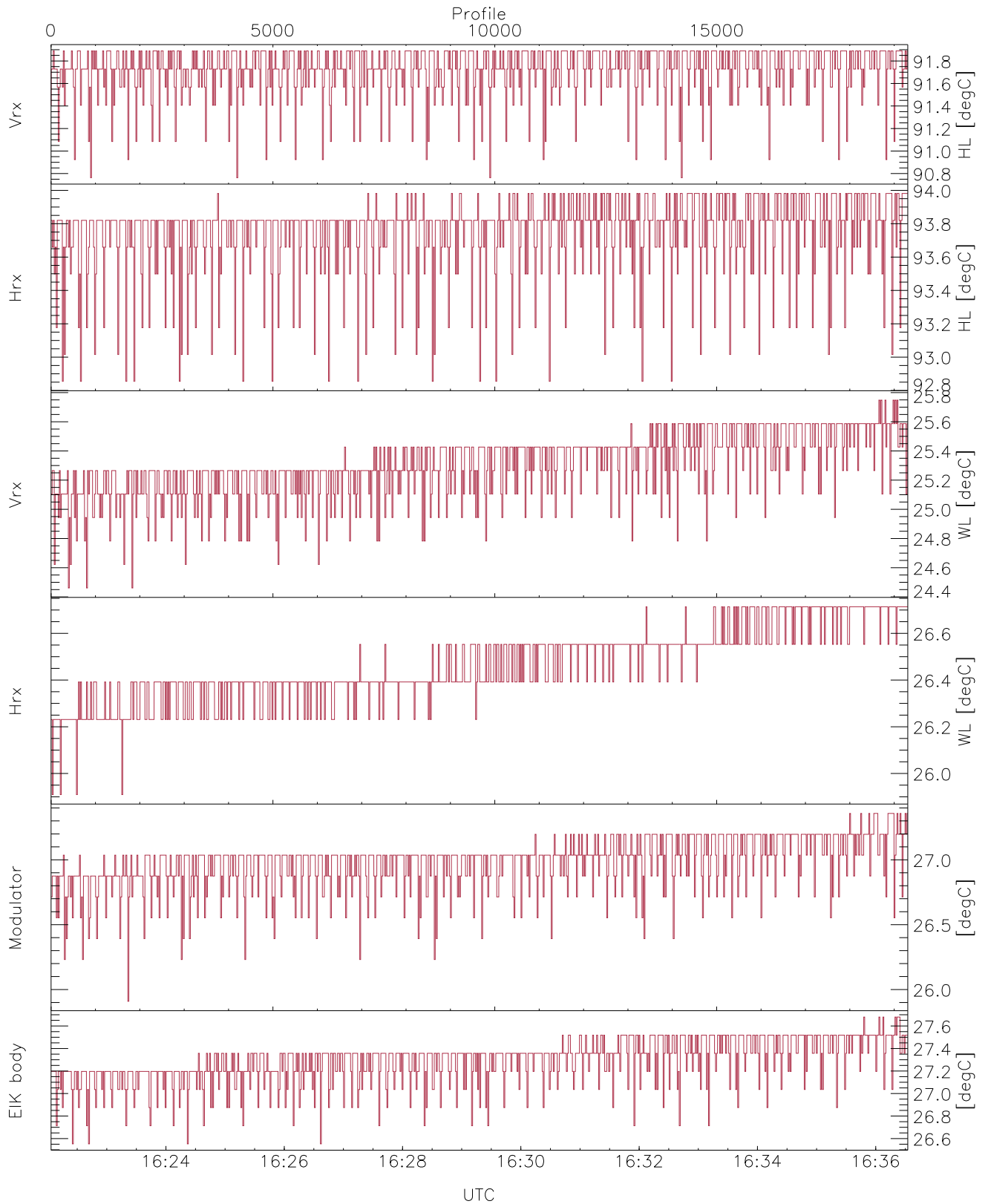


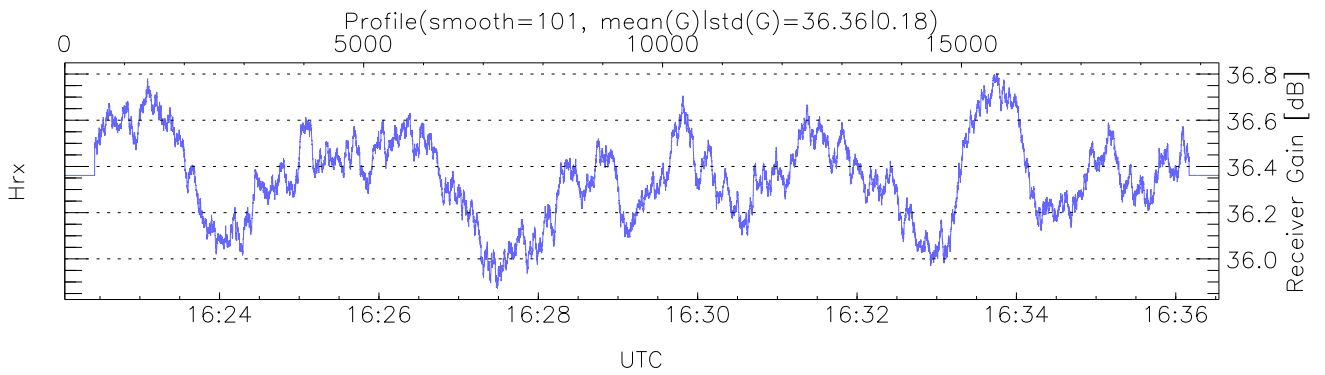
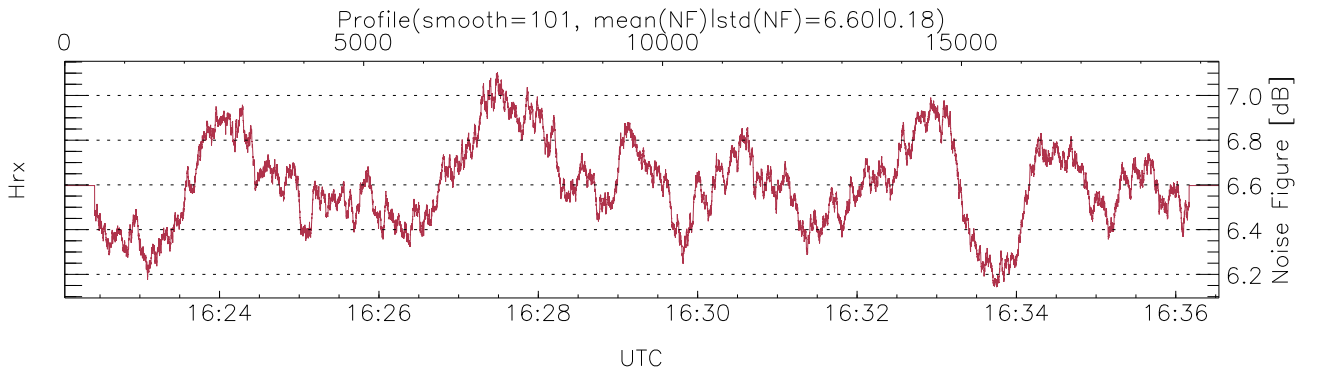
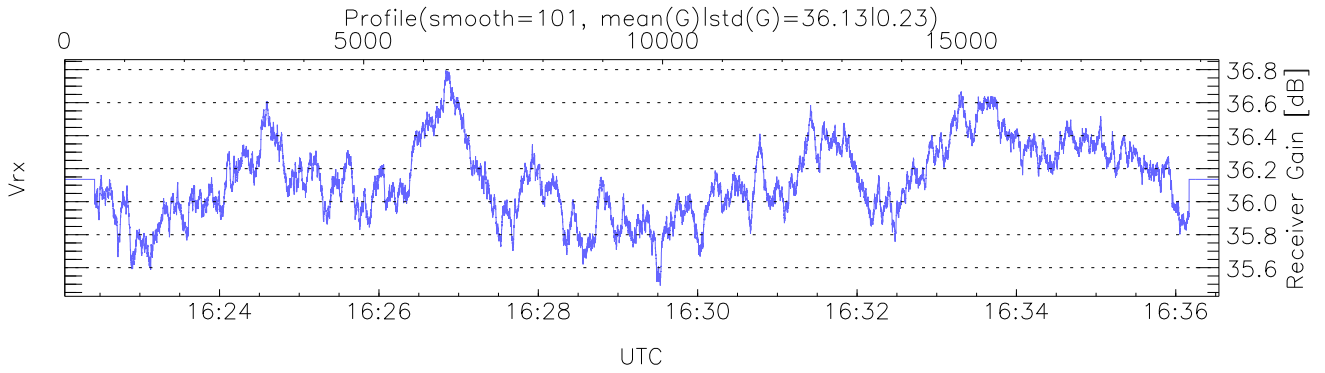
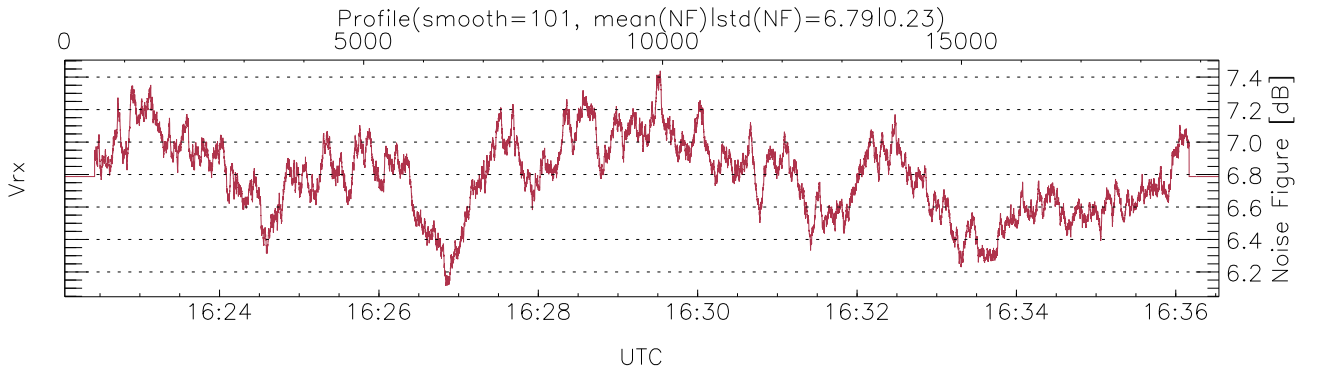
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:22:03-16:36:32, TimeCor: 0.00s, Dur: 869.03s
 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): 19308/19308, 0-19307/16:22:03-16:36:32
 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 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



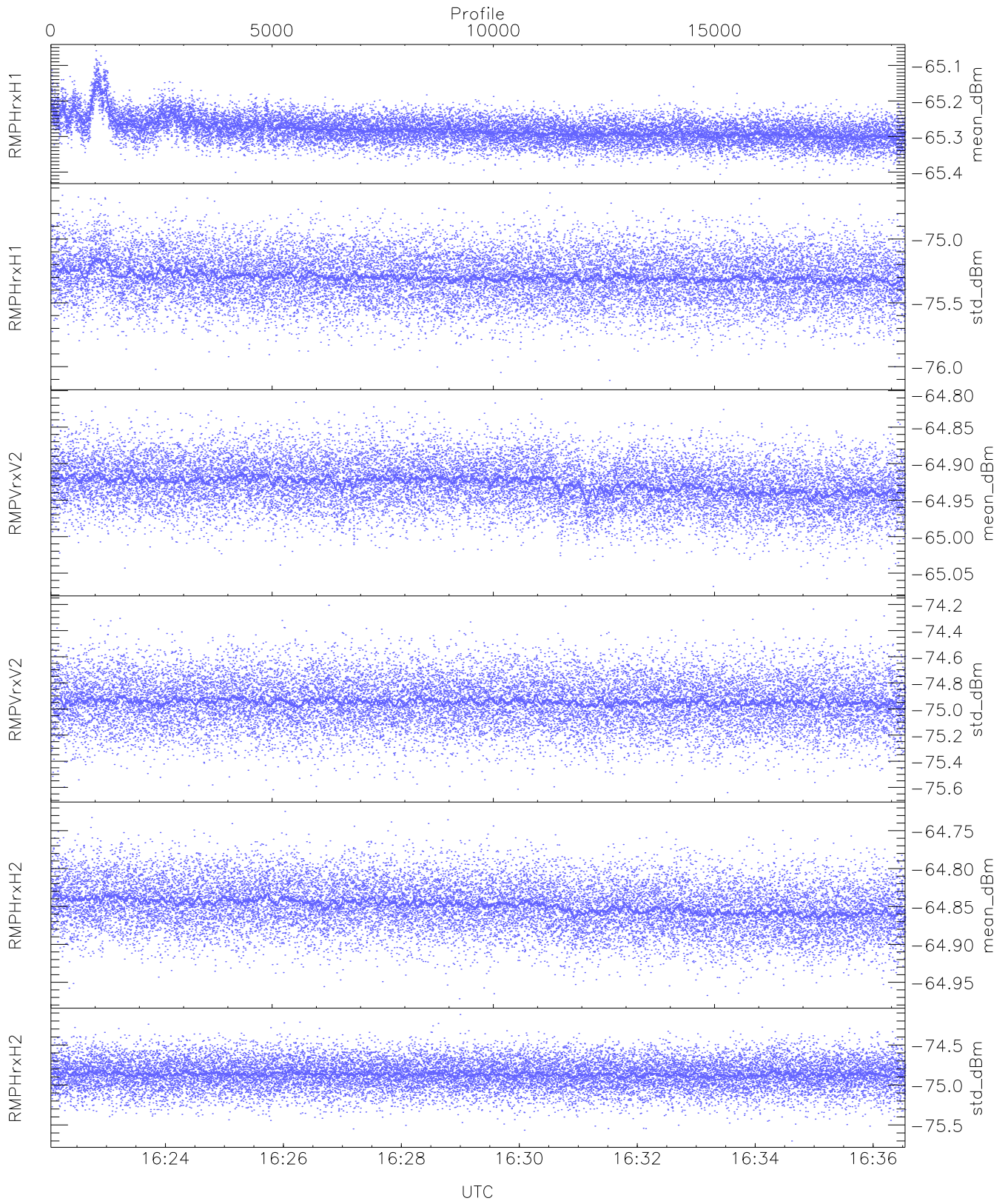
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,26,27,27
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



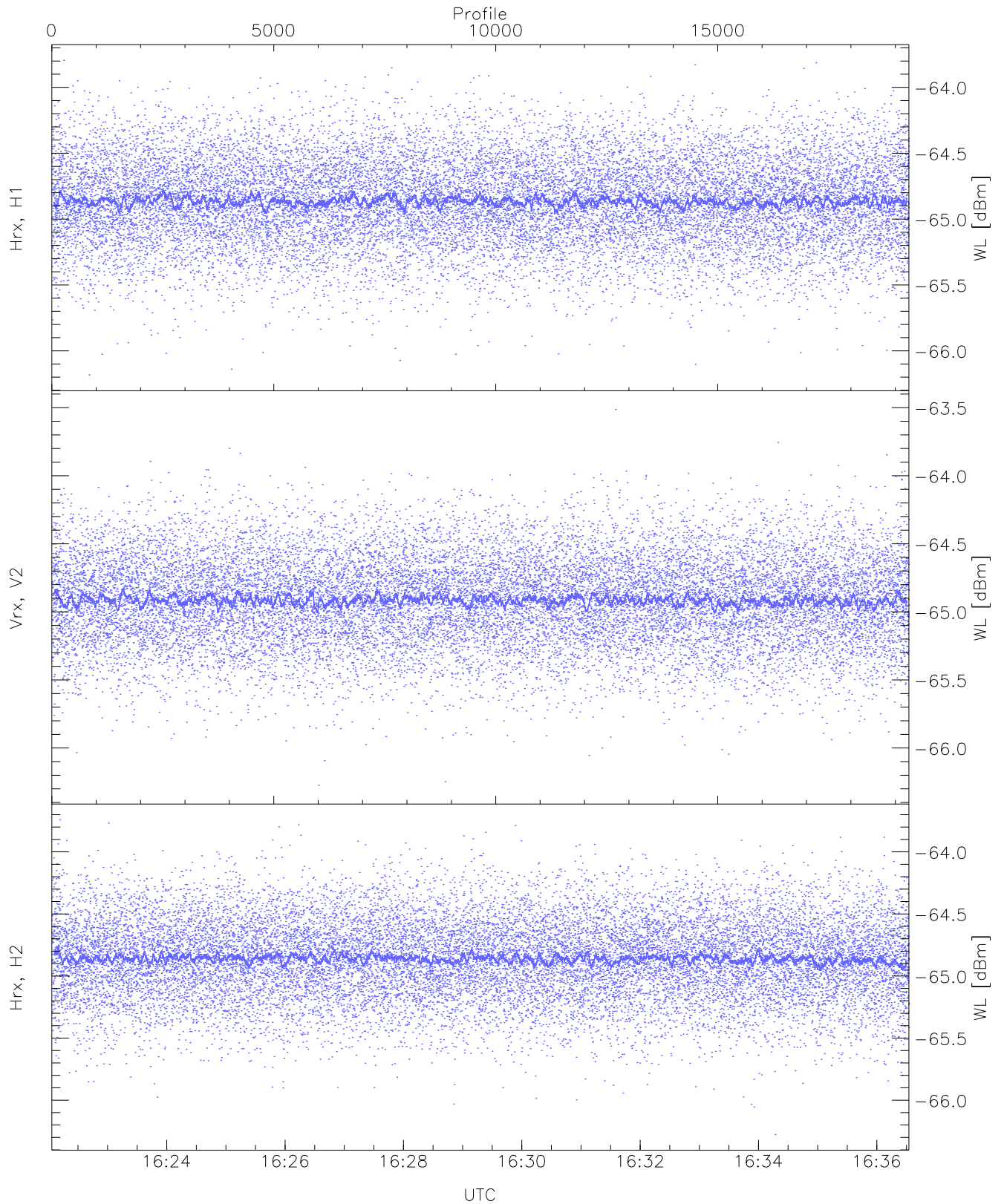
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 1 pixs, 1 gates, 1 profs, 1 prod(s)



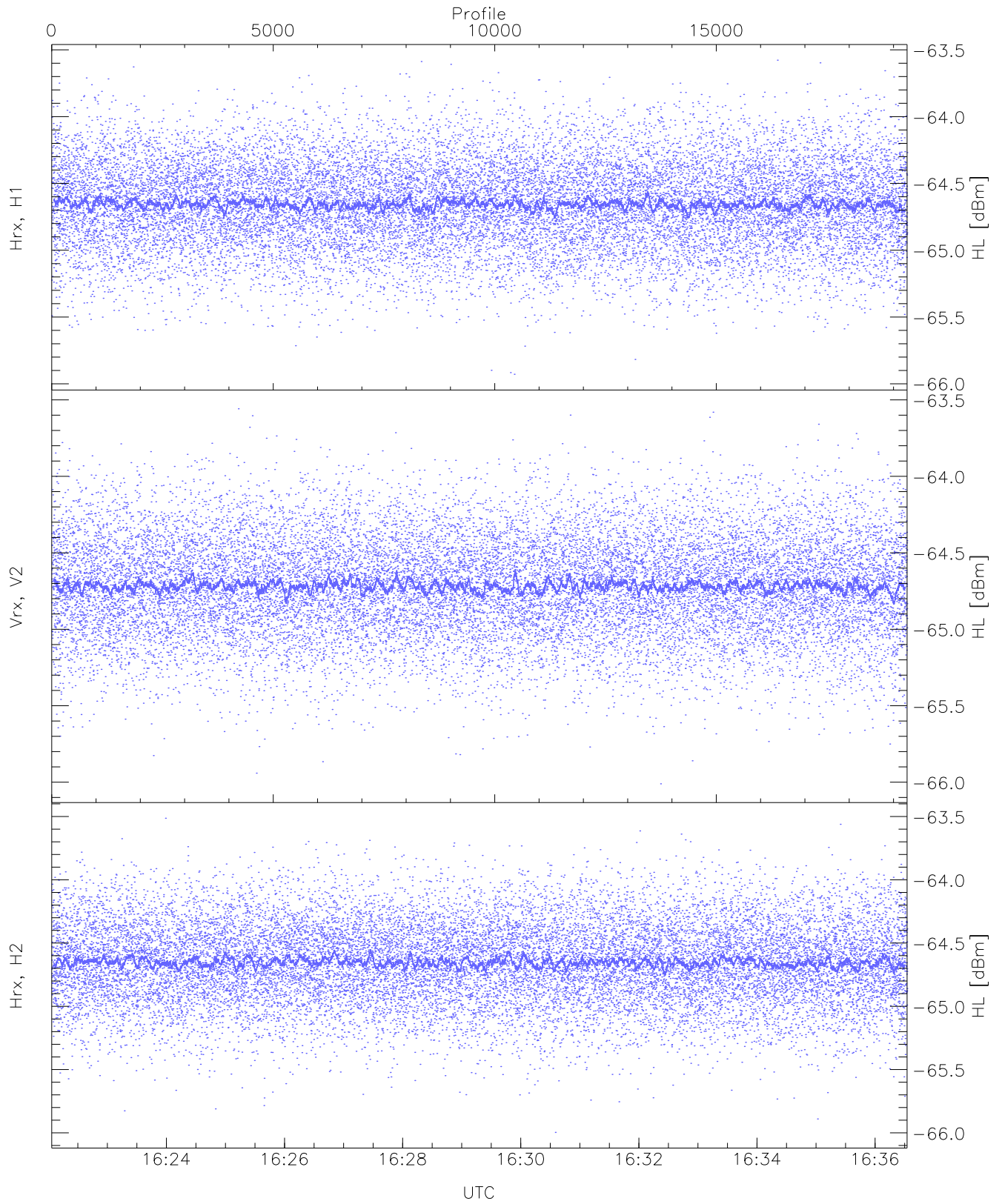
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.06	-65.28	-65.28	-85.80
RMPHrxH1(std_dBm)	-76.11	-74.64	-75.30	-75.30	-89.04
RMPVrxV2(mean_dBm)	-65.07	-64.81	-64.93	-64.93	-86.35
RMPVrxV2(std_dBm)	-75.64	-74.21	-74.94	-74.95	-88.73
RMPHrxH2(mean_dBm)	-64.97	-64.72	-64.85	-64.85	-86.29
RMPHrxH2(std_dBm)	-75.70	-74.12	-74.87	-74.87	-88.65



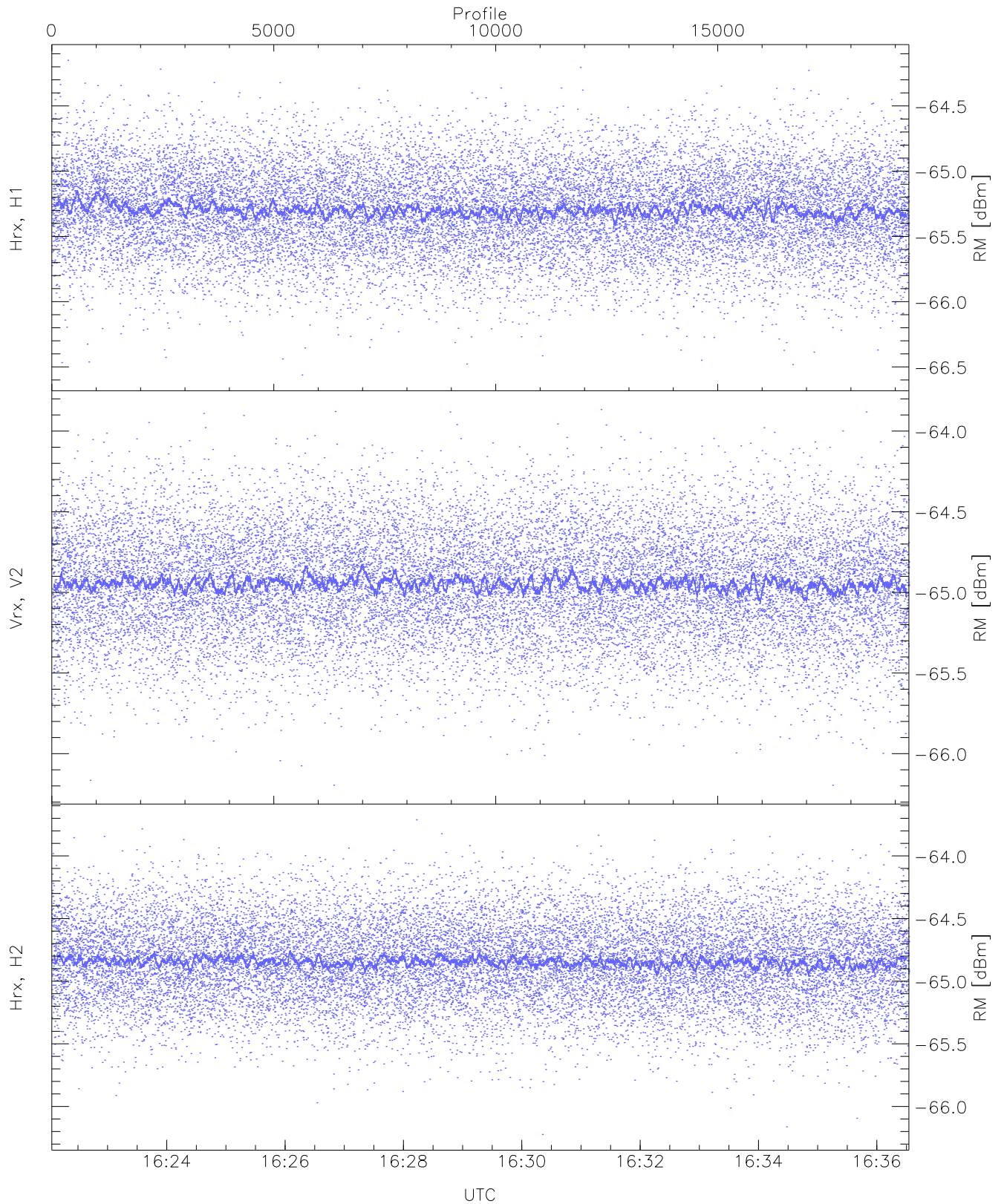
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.18	-63.79	-64.86	-64.86	-76.34
Vrx, V2 (WL [dBm])	-66.27	-63.51	-64.91	-64.91	-76.40
Hrx, H2 (WL [dBm])	-66.28	-63.74	-64.85	-64.86	-76.39



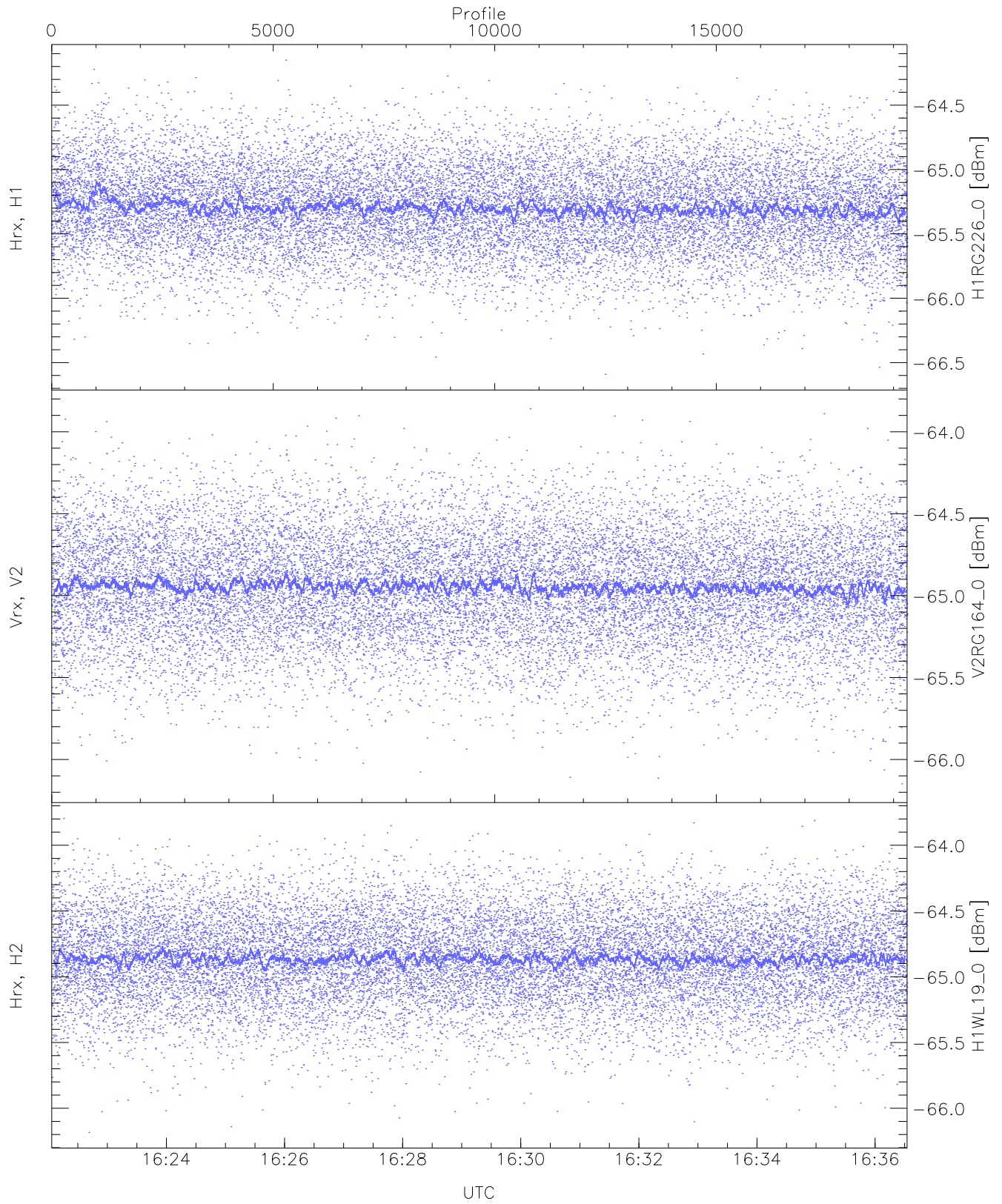
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.93	-63.58	-64.65	-64.66	-76.14
Vrx, V2 (HL [dBm])	-66.01	-63.56	-64.71	-64.72	-76.21
Hrx, H2 (HL [dBm])	-66.00	-63.51	-64.64	-64.65	-76.17



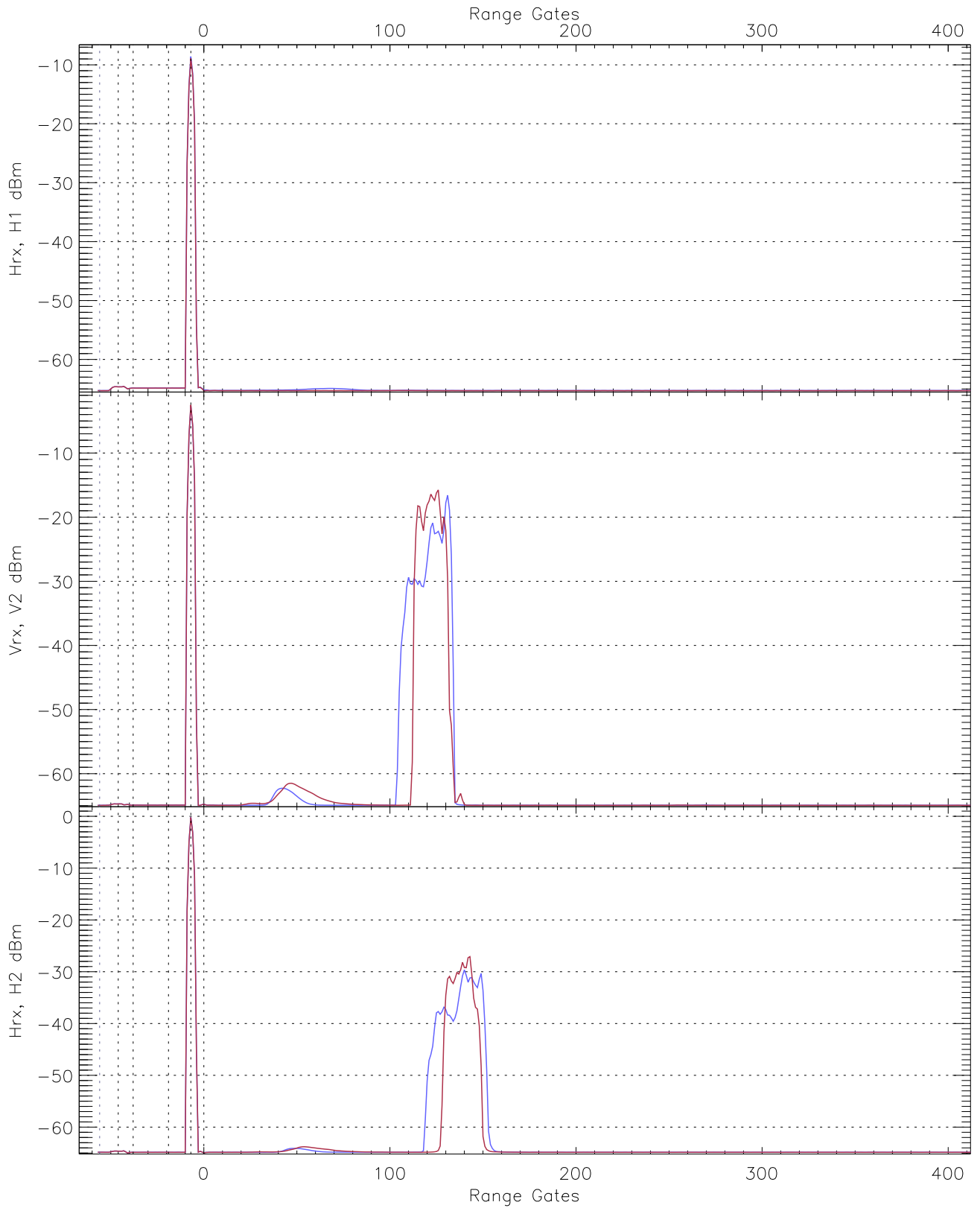
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.56	-64.15	-65.29	-65.30	-76.80
Vrx, V2 (RM [dBm])	-66.20	-63.87	-64.94	-64.95	-76.41
Hrx, H2 (RM [dBm])	-66.22	-63.71	-64.84	-64.85	-76.36

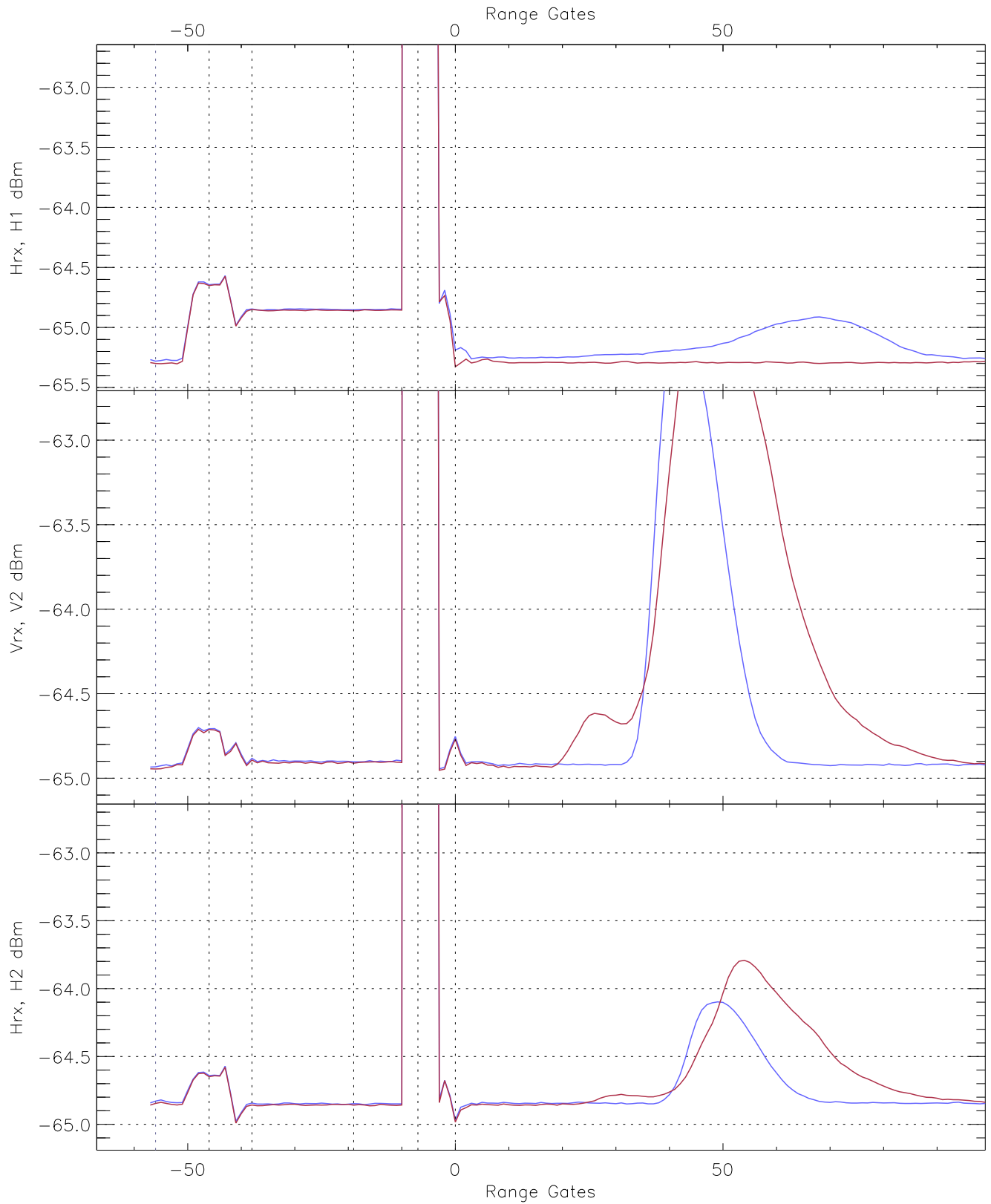


WCR3 CPP "Best" estimate Receivers Noise Power

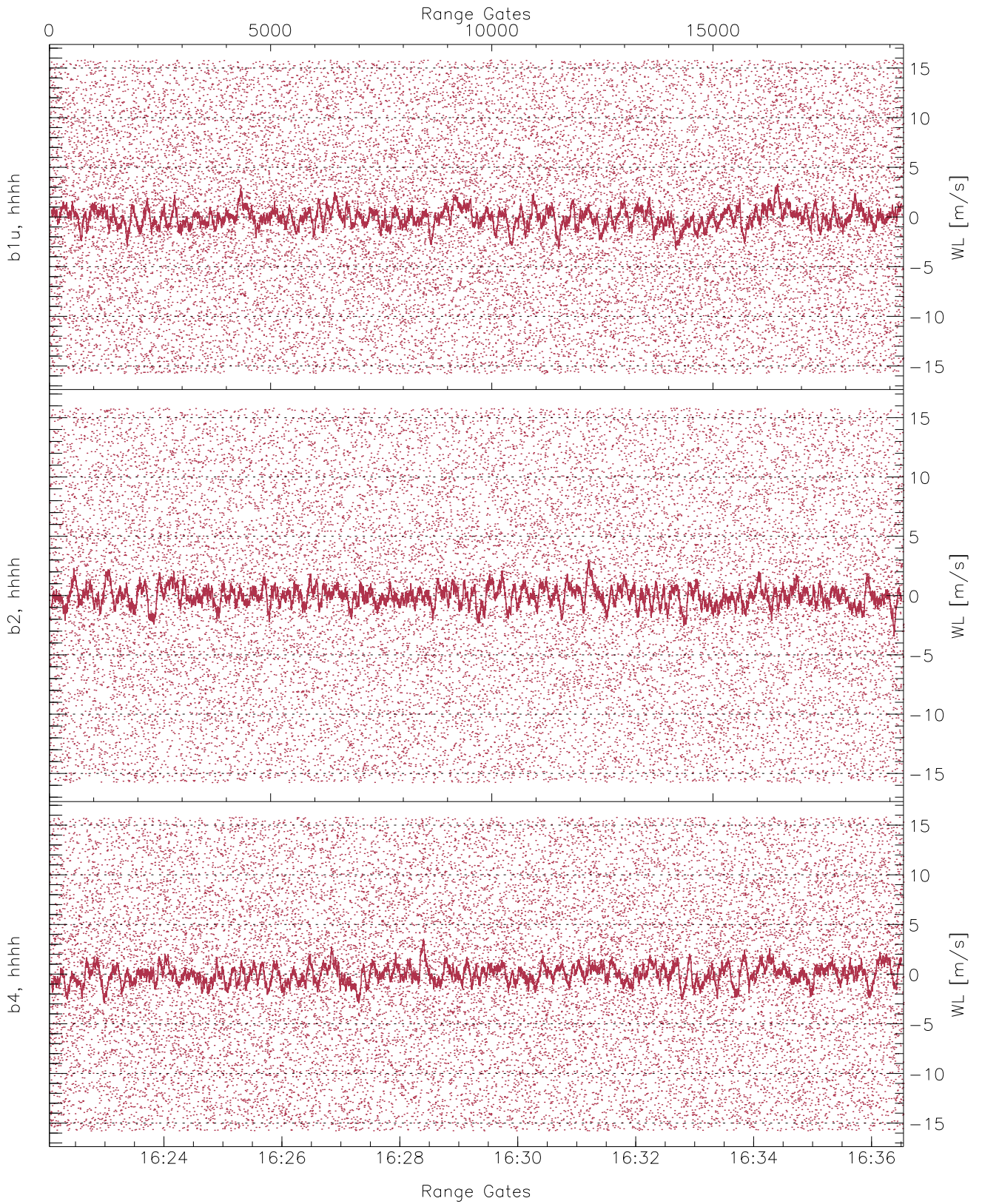
	Min	Max	Mean	Median	StDev
H1RG226_0 [dBm]	-66.59	-64.15	-65.29	-65.30	-76.81
V2RG164_0 [dBm]	-66.15	-63.86	-64.94	-64.95	-76.47
H1WL19_0 [dBm]	-66.18	-63.79	-64.86	-64.86	-76.34



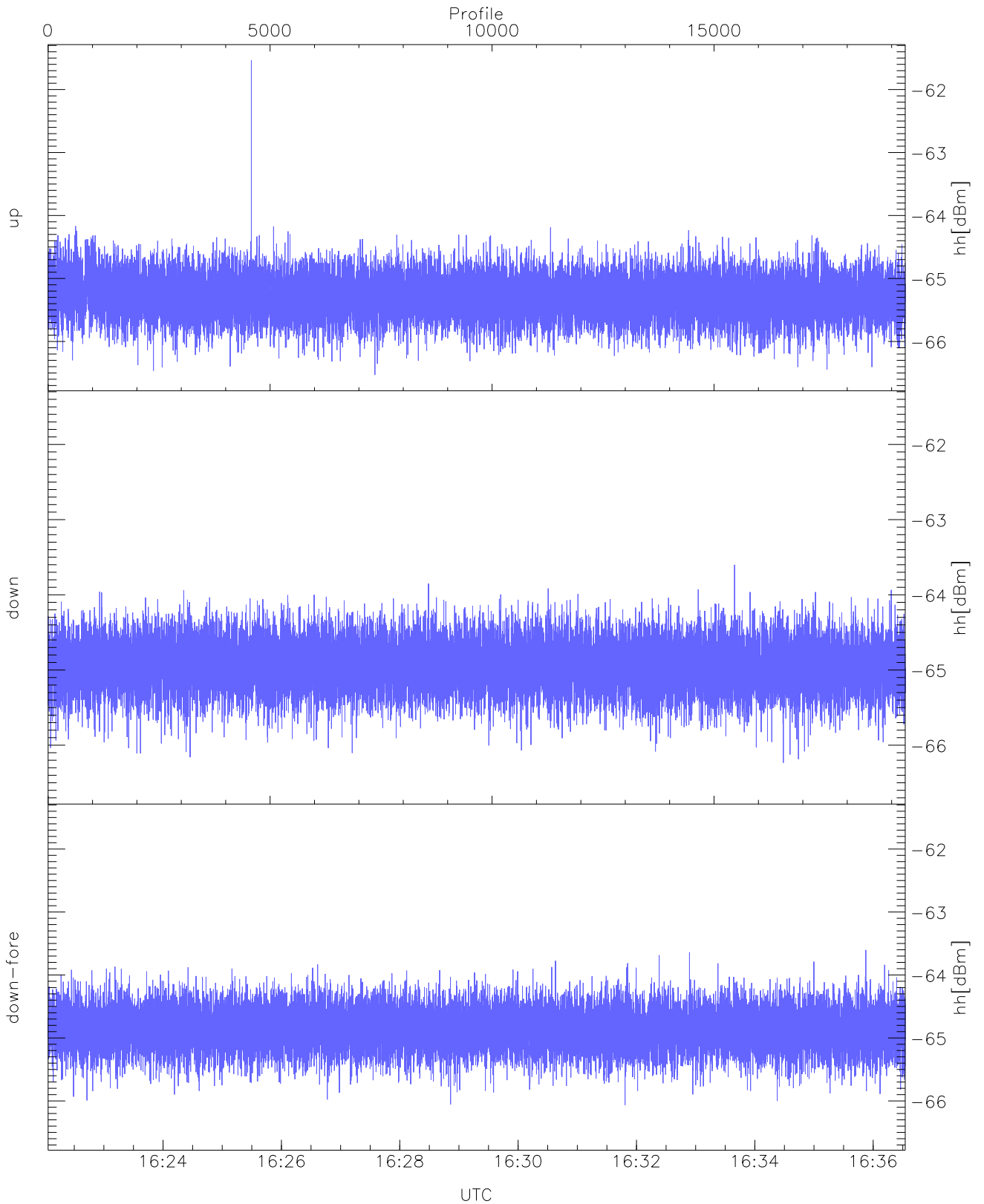
WCR3 CPP Averaged Received power for all recorded gates
blue: 162203-162918, 9655 profiles averaged
red: 162918-163632, 9654 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 162203-162918, 9655 profiles averaged
red: 162918-163632, 9654 profiles averaged

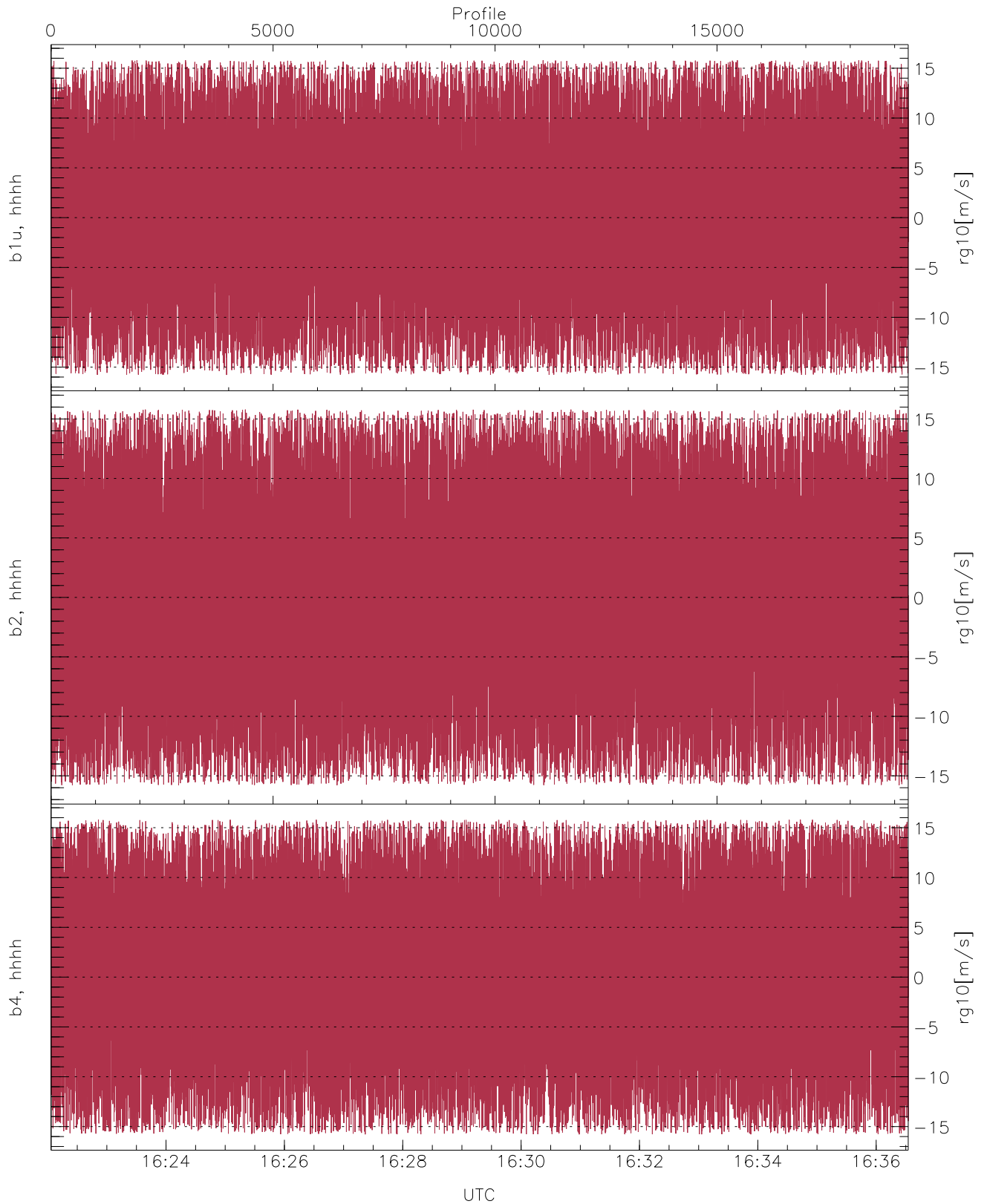


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

	Min	Max	Mean
up(hh[dBm])	-66.53	-61.54	-65.27
down(hh[dBm])	-66.23	-63.60	-64.93
down-fore(hh[dBm])	-66.06	-63.60	-64.85



WCR3 CPP Doppler Velocity Products at 255.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg10[m/s])	-15.78	15.79	0.04	8.39
b2, hhhh(rg10[m/s])	-15.79	15.79	-0.14	8.59
b4, hhhh(rg10[m/s])	-15.78	15.79	0.03	8.52