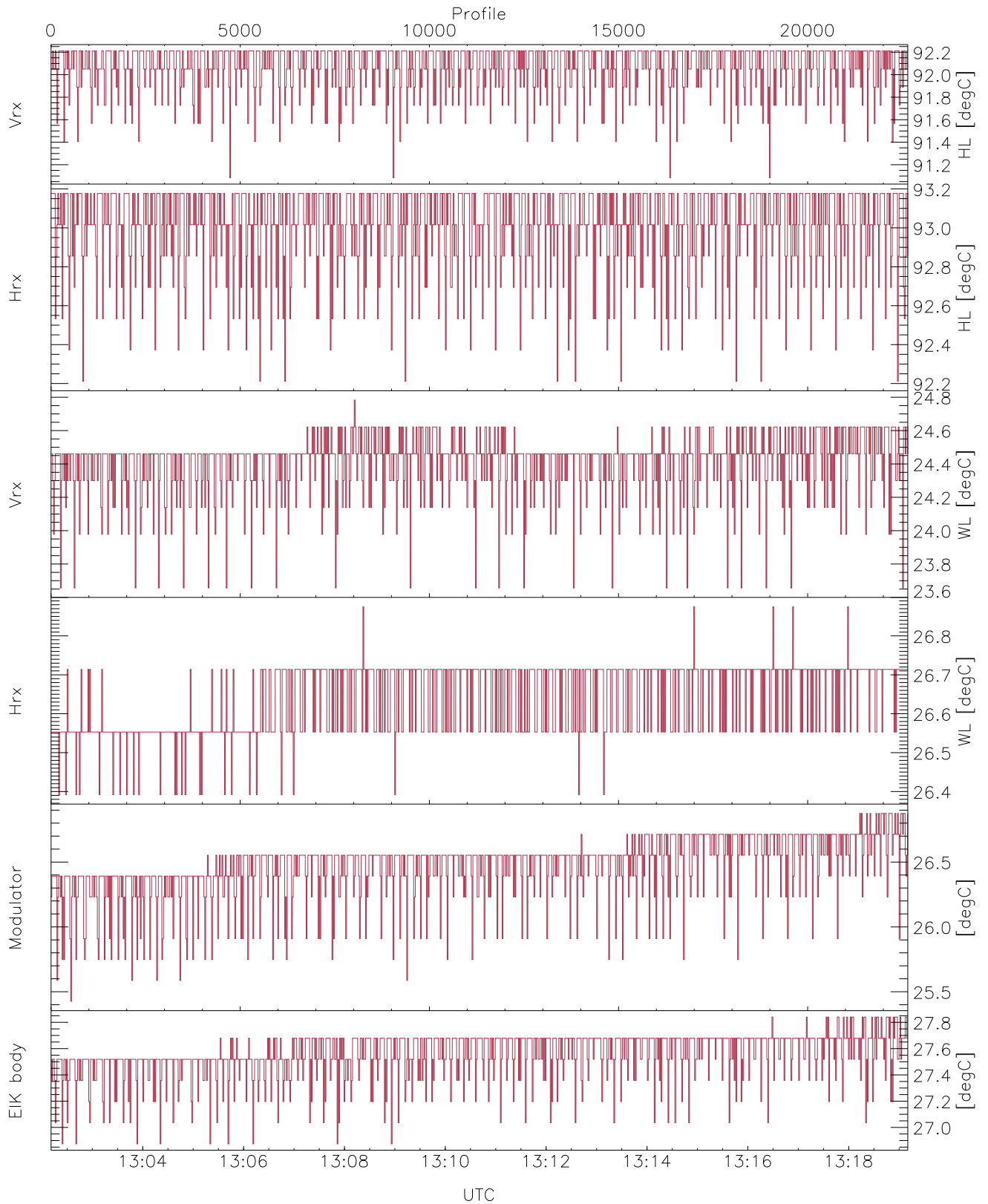


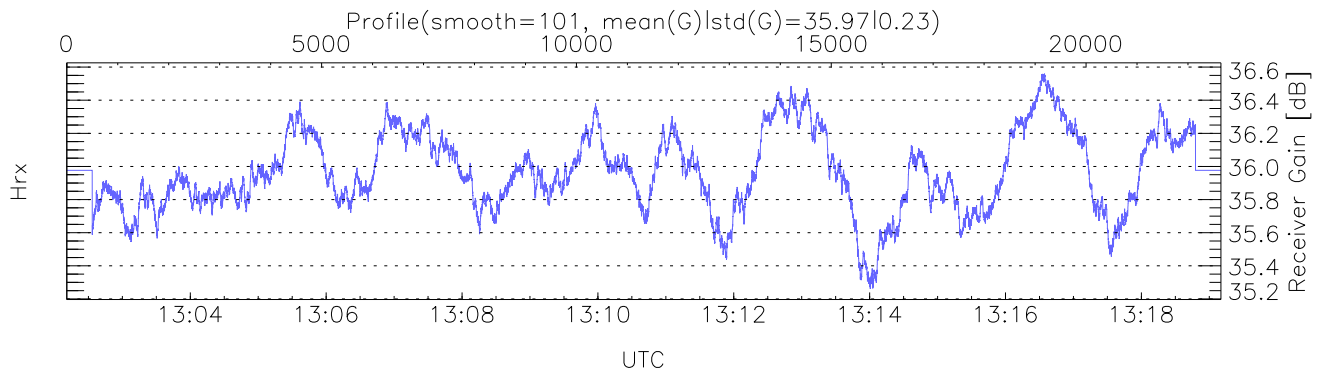
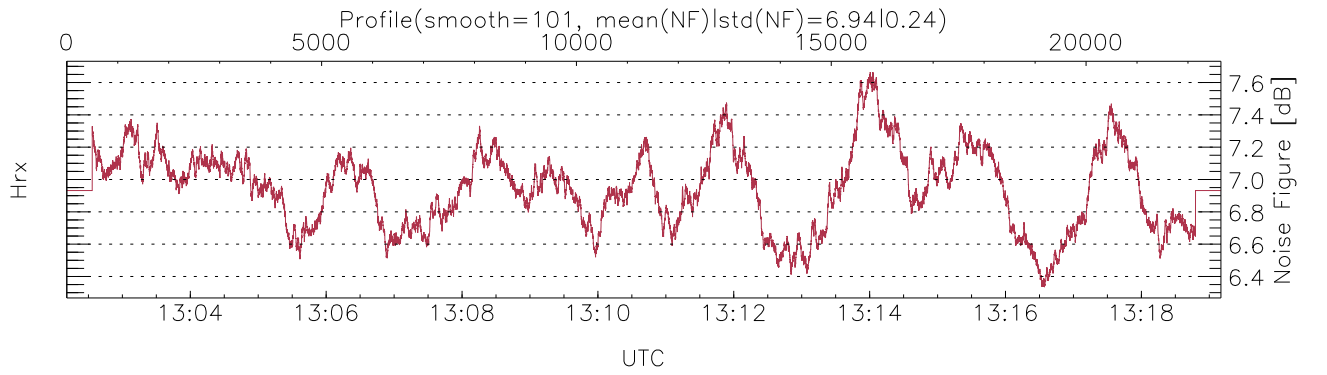
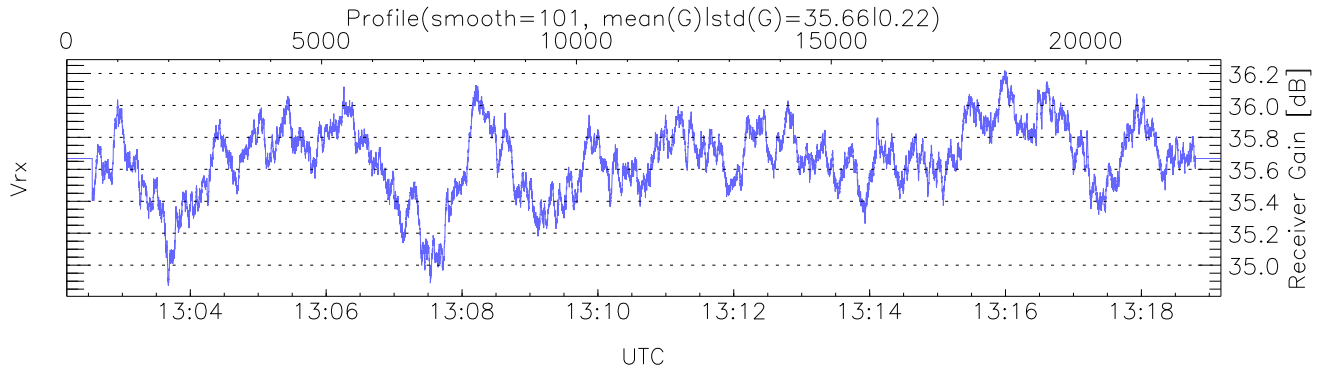
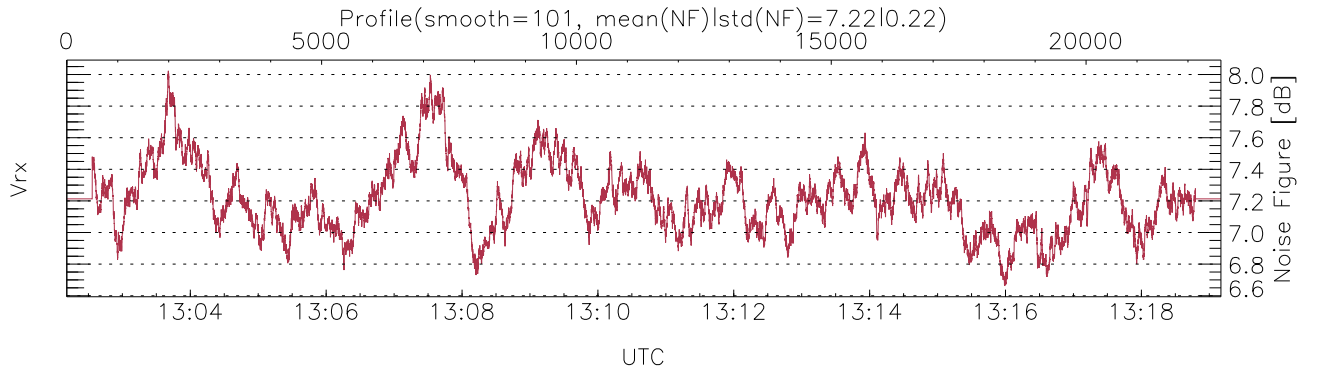
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 13:02:11-13:19:10, TimeCor: 0.00s, Dur: 1019.37s
 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): 22648/22648, 0-22647/13:02:11-13:19:10
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



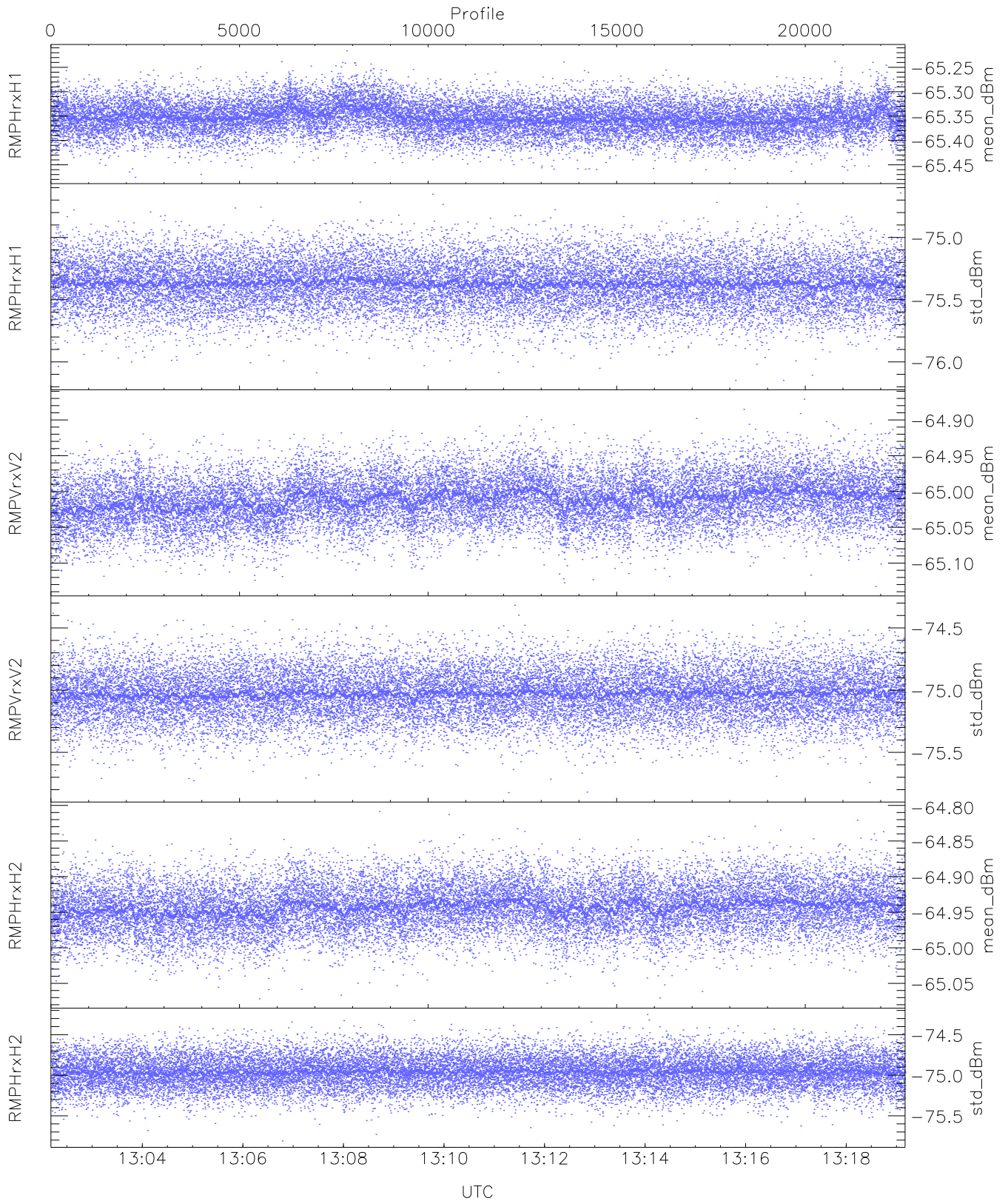
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



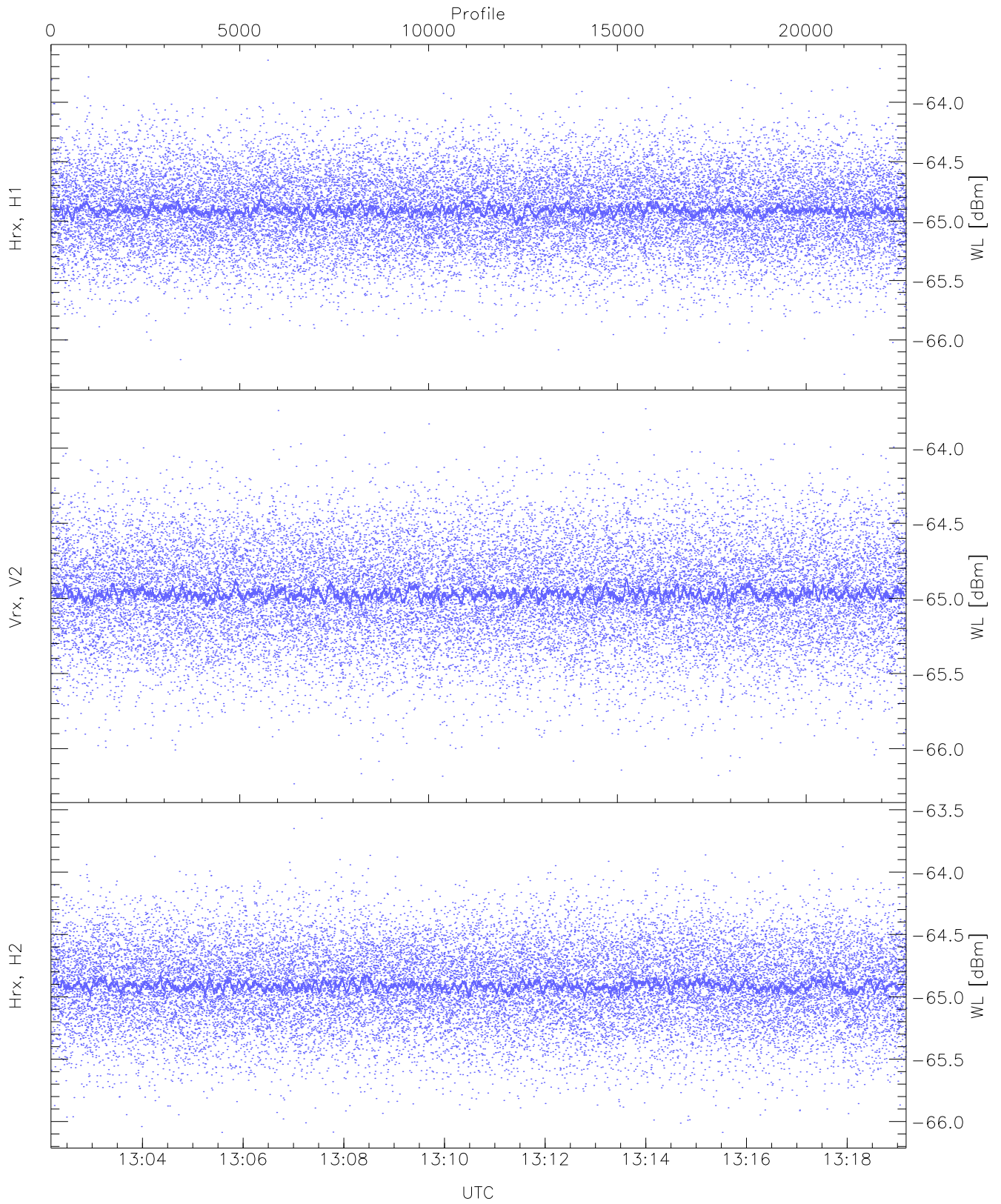
WCR3 CPP Receivers Gain and Noise Figure

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



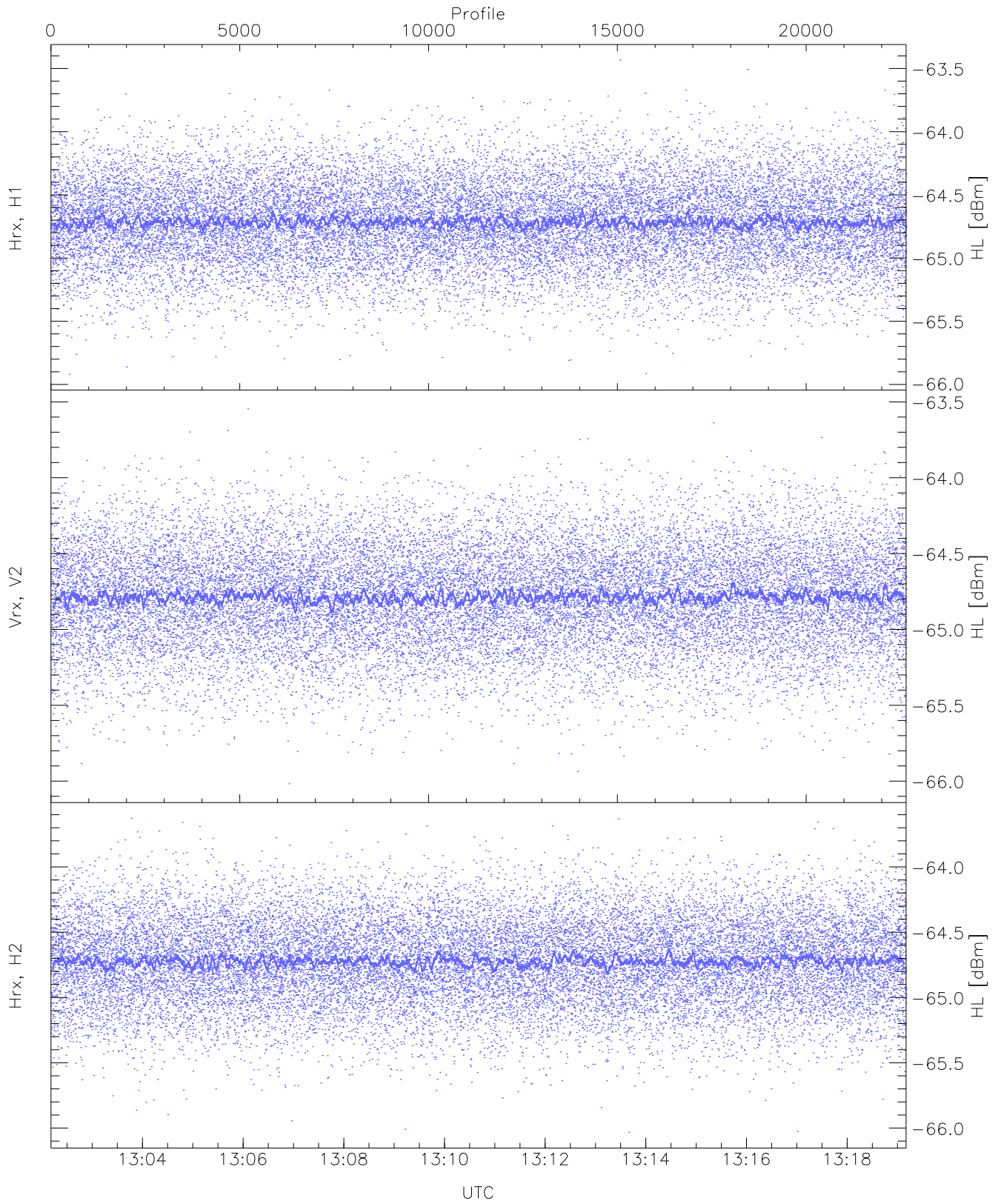
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.22	-65.35	-65.35	-86.80
RMPHrxH1(std_dBm)	-76.15	-74.64	-75.37	-75.37	-89.19
RMPVrxV2(mean_dBm)	-65.13	-64.87	-65.01	-65.01	-86.39
RMPVrxV2(std_dBm)	-75.82	-74.32	-75.03	-75.03	-88.81
RMPHrxH2(mean_dBm)	-65.07	-64.81	-64.94	-64.94	-86.43
RMPHrxH2(std_dBm)	-75.81	-74.25	-74.96	-74.96	-88.71



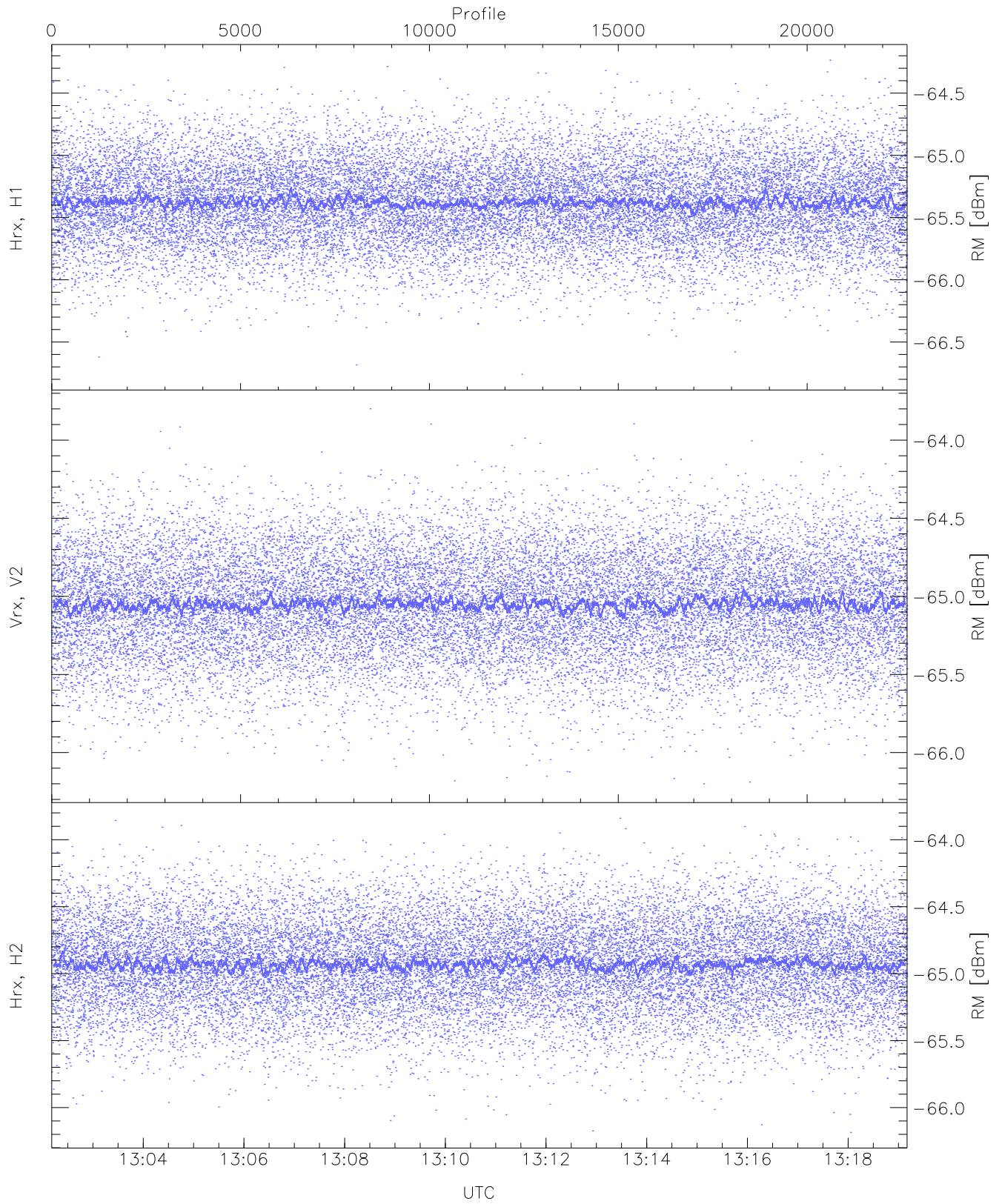
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.29	-63.65	-64.90	-64.91	-76.40
Vrx, V2 (WL [dBm])	-66.23	-63.74	-64.96	-64.97	-76.45
Hrx, H2 (WL [dBm])	-66.09	-63.57	-64.90	-64.91	-76.39



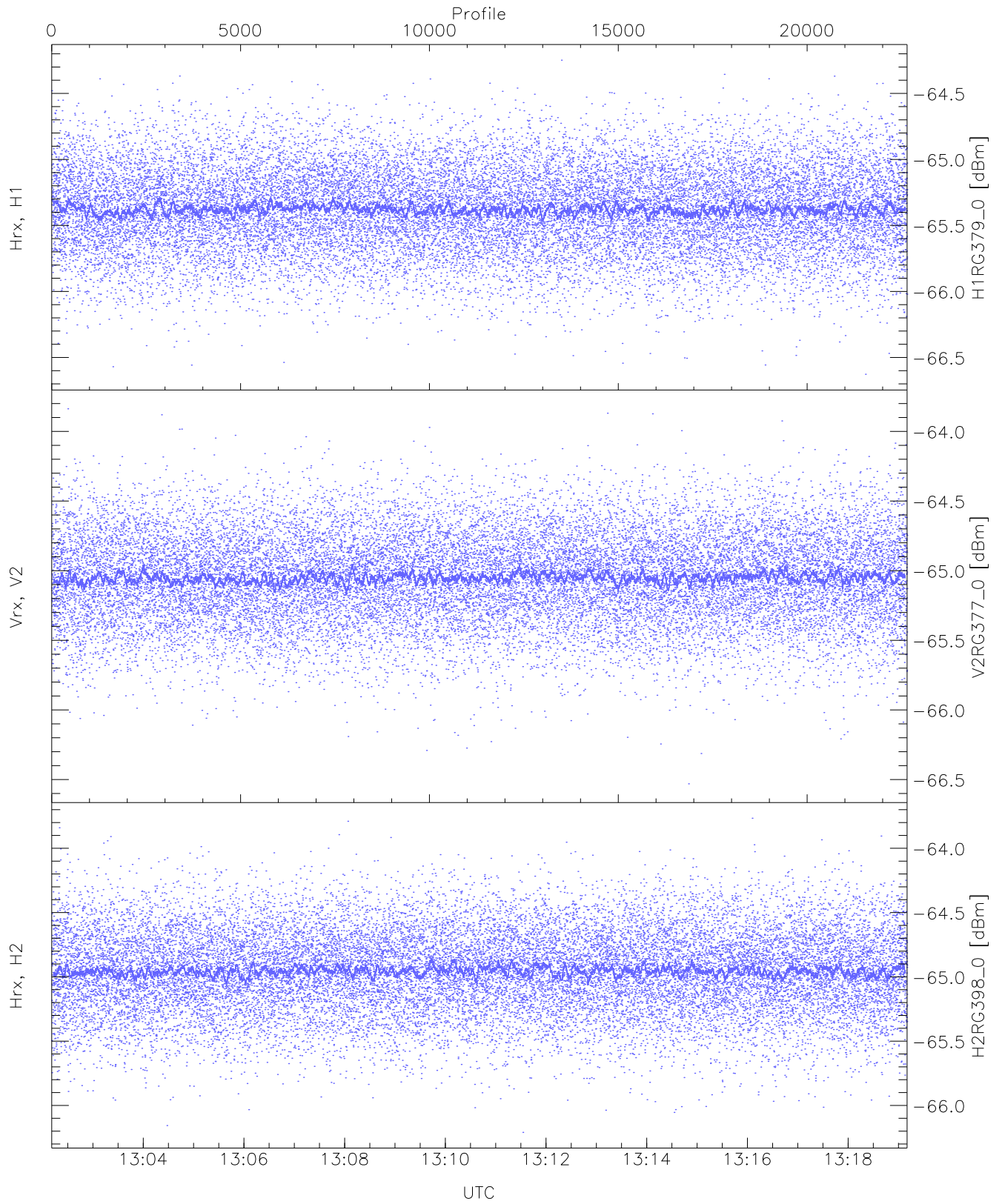
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.92	-63.43	-64.71	-64.72	-76.22
Vrx, V2 (HL [dBm])	-66.02	-63.55	-64.78	-64.78	-76.26
Hrx, H2 (HL [dBm])	-66.03	-63.63	-64.72	-64.72	-76.21



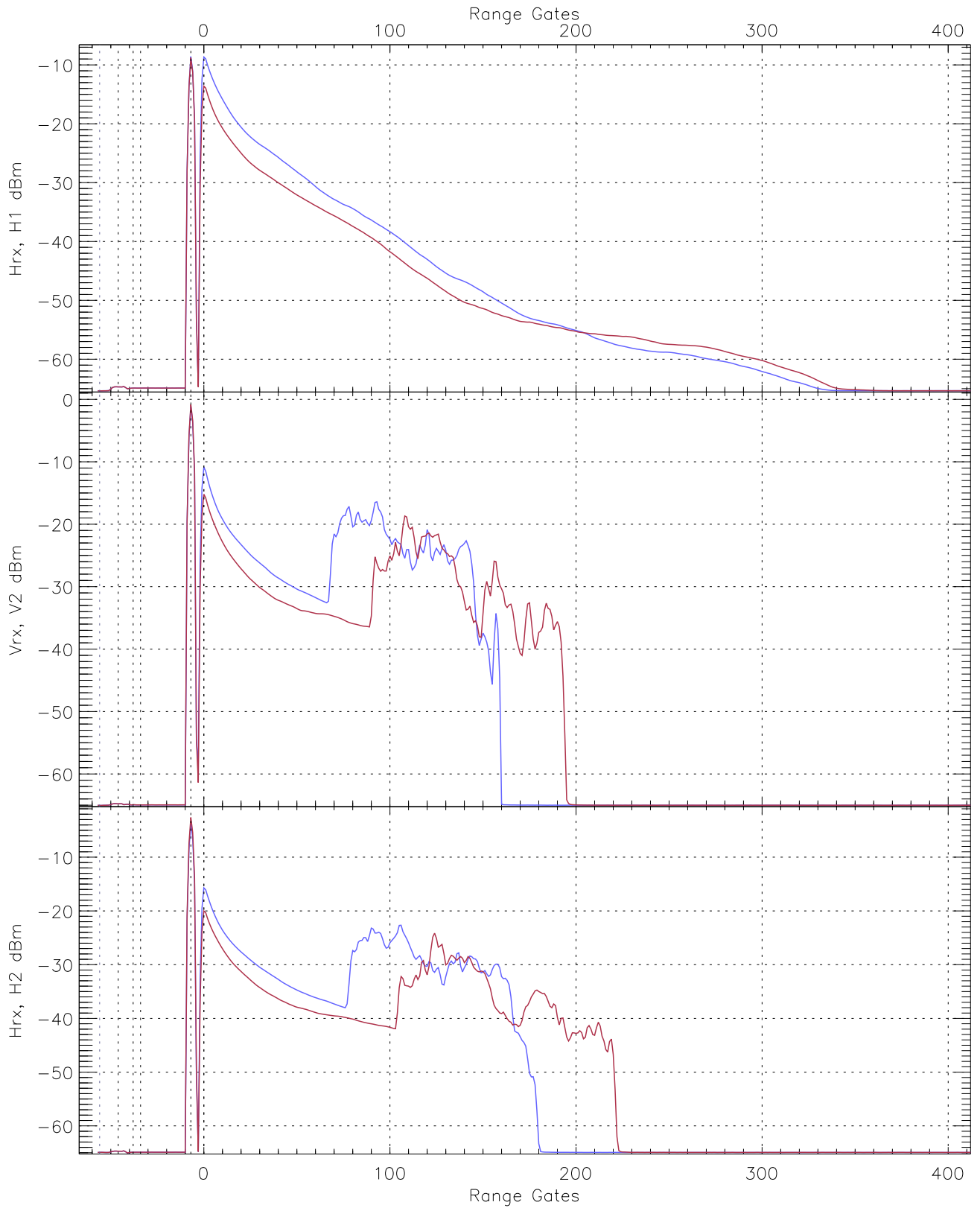
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.76	-64.24	-65.37	-65.38	-76.86
Vrx, V2 (RM [dBm])	-66.20	-63.80	-65.04	-65.05	-76.59
Hrx, H2 (RM [dBm])	-66.19	-63.84	-64.92	-64.93	-76.44

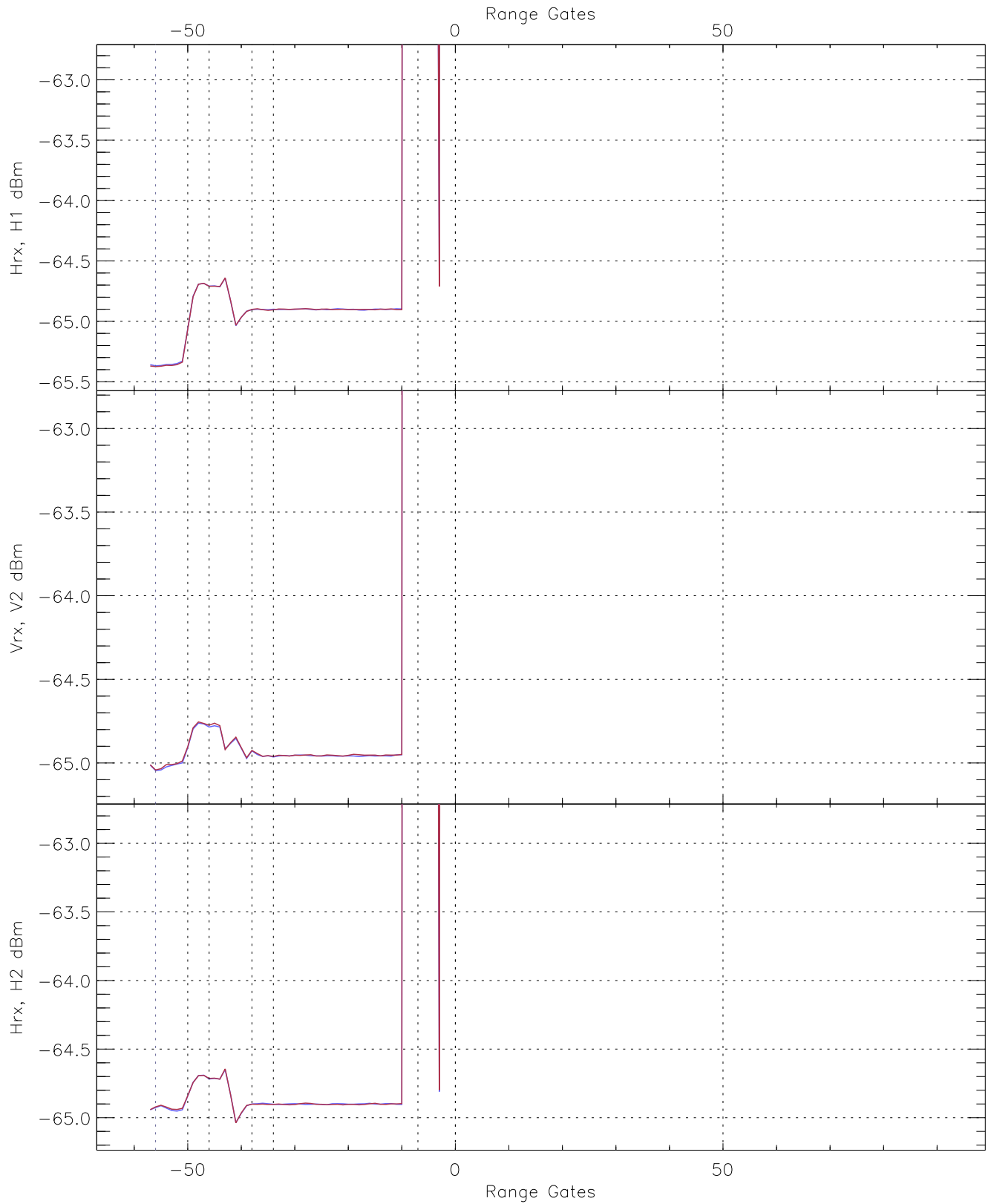


WCR3 CPP "Best" estimate Receivers Noise Power

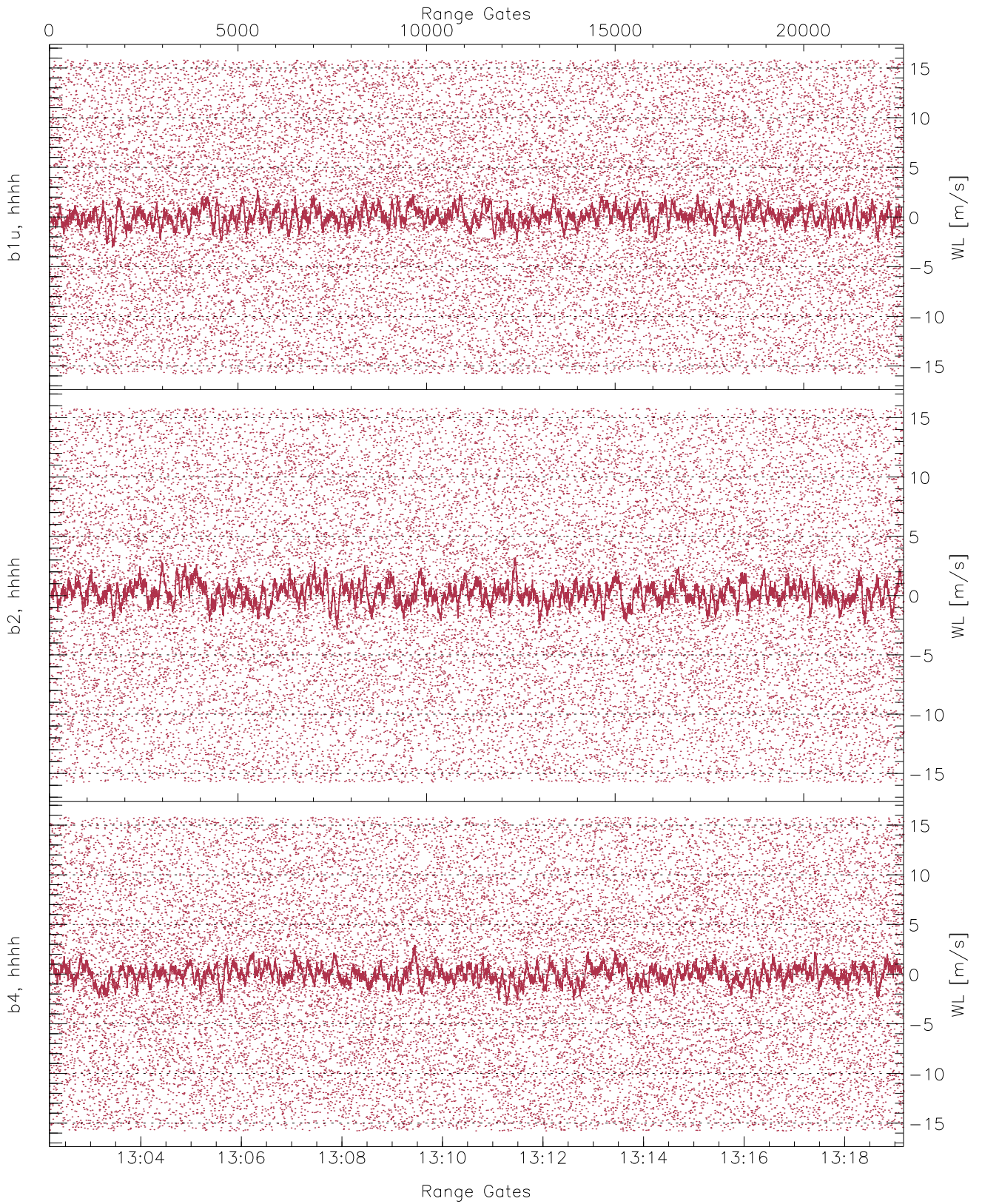
	Min	Max	Mean	Median	StDev
H1RG379_0 [dBm]	-66.63	-64.25	-65.37	-65.38	-76.91
V2RG377_0 [dBm]	-66.53	-63.84	-65.04	-65.05	-76.57
H2RG398_0 [dBm]	-66.21	-63.77	-64.95	-64.96	-76.47



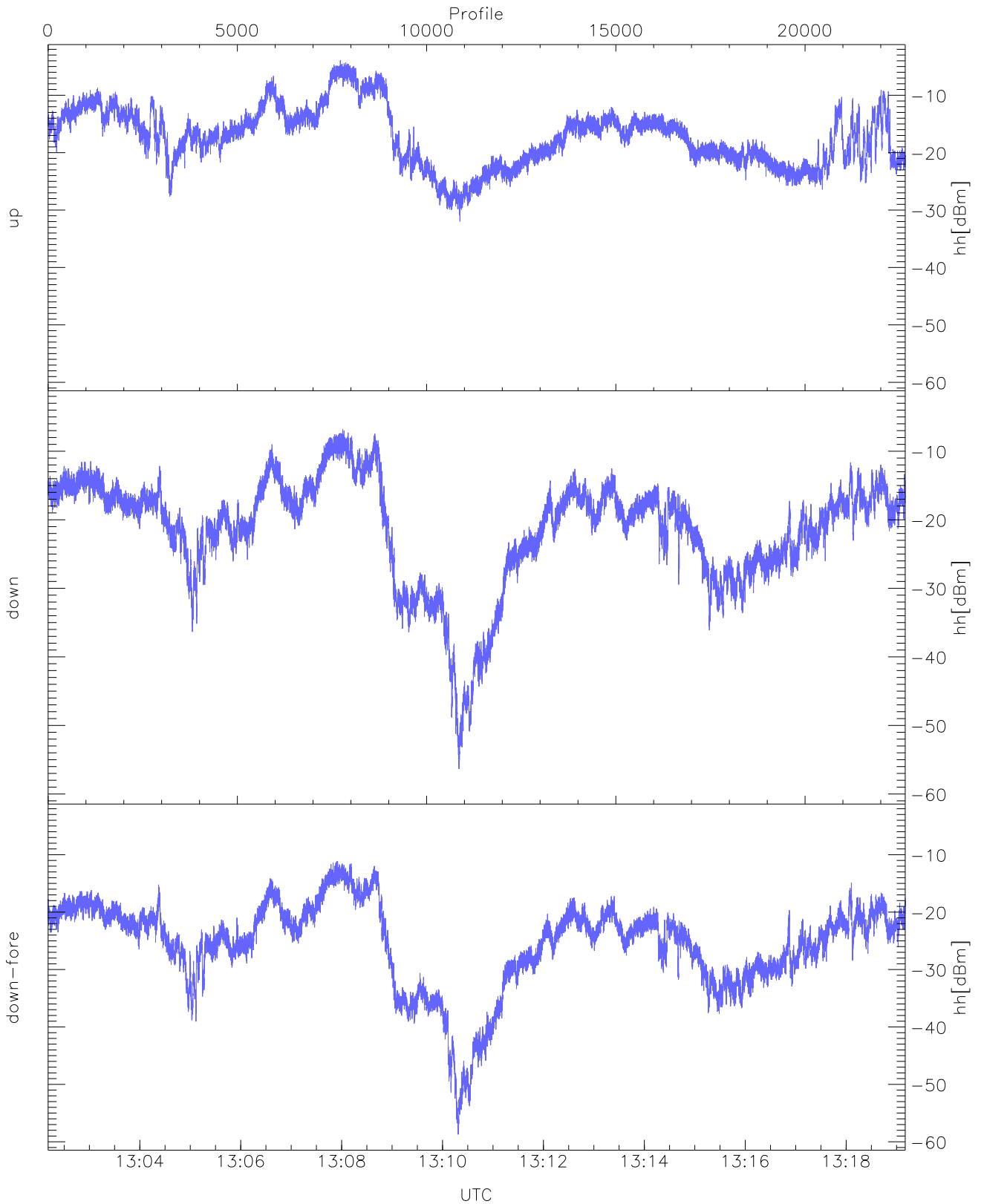
WCR3 CPP Averaged Received power for all recorded gates
blue: 130211-131041, 11325 profiles averaged
red: 131041-131910, 11324 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 130211-131041, 11325 profiles averaged
red: 131041-131910, 11324 profiles averaged

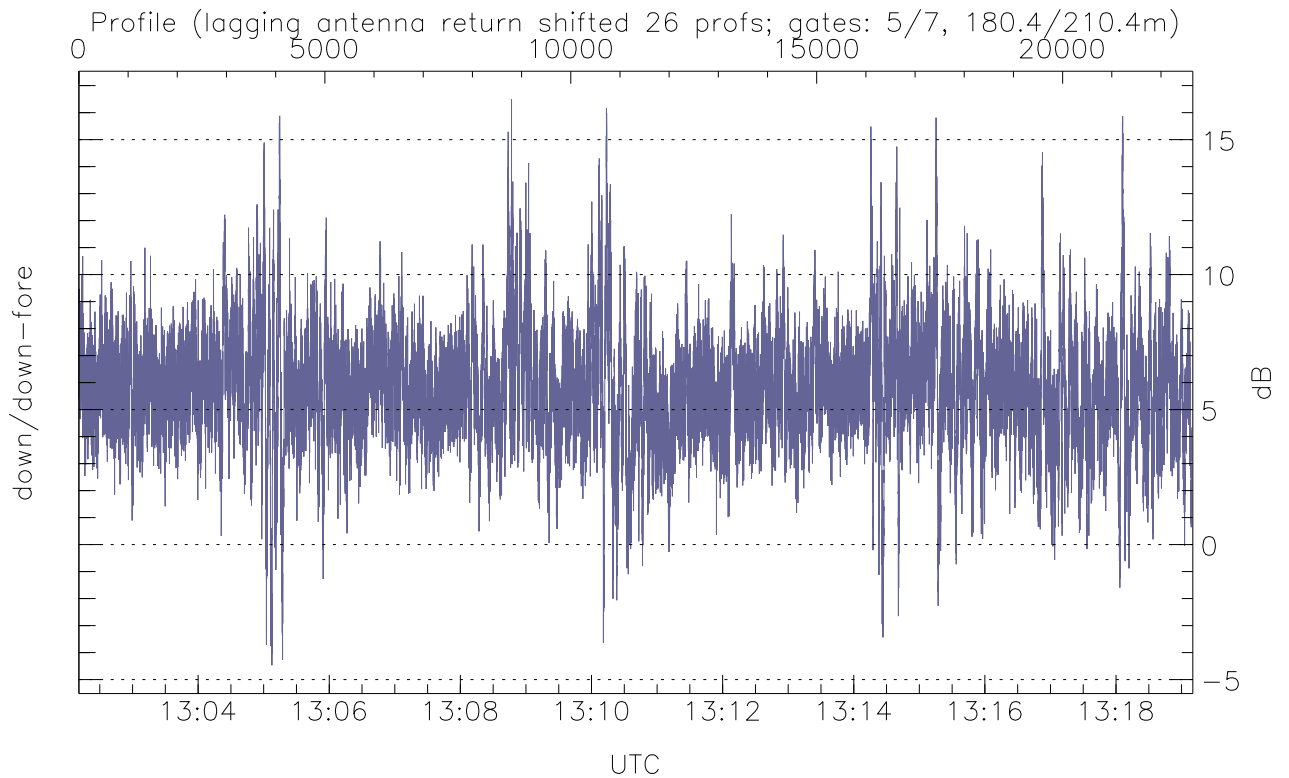
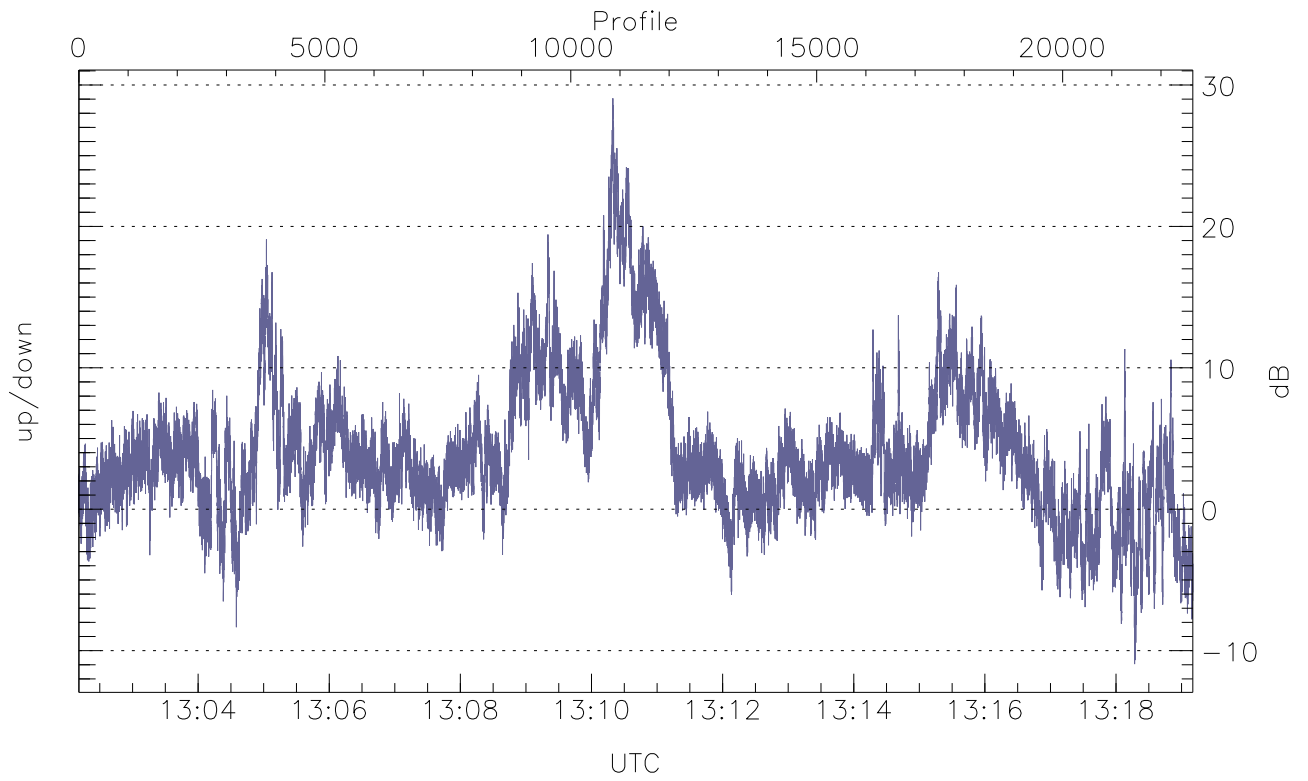


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



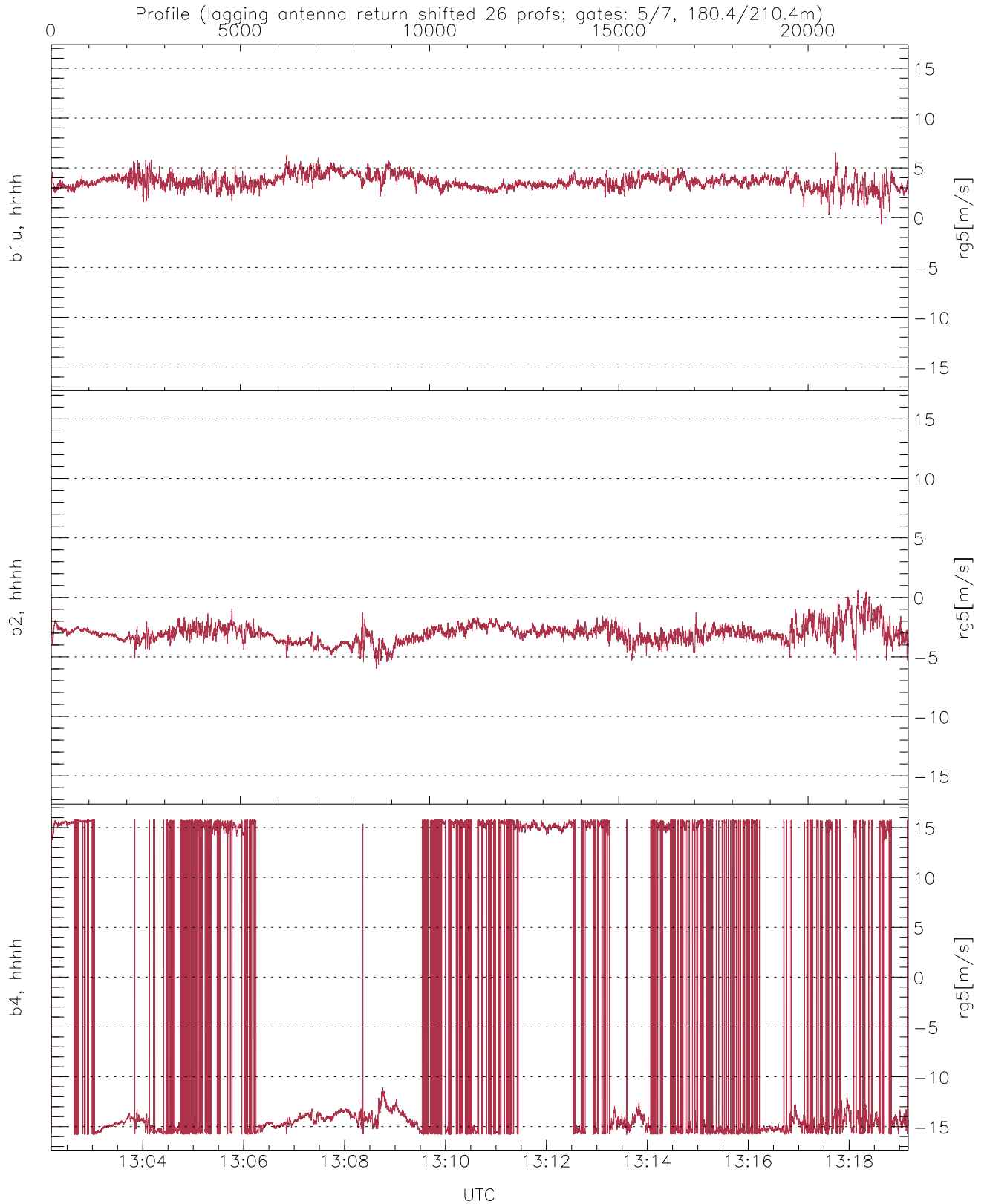
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh [dBm])	-32.00	-3.92	-14.44
down(hh [dBm])	-56.36	-6.82	-17.26
down-fore(hh [dBm])	-58.73	-11.16	-21.60



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

	Min	Max	Mean
up/down (dB)	-10.95	29.06	4.17
down/down-fore (dB)	-4.47	16.49	5.79



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.67	6.52	3.57	0.70
b2, hhhh(rg5[m/s])	-5.99	0.70	-3.05	0.76
b4, hhhh(rg5[m/s])	-15.79	15.79	-4.54	14.28