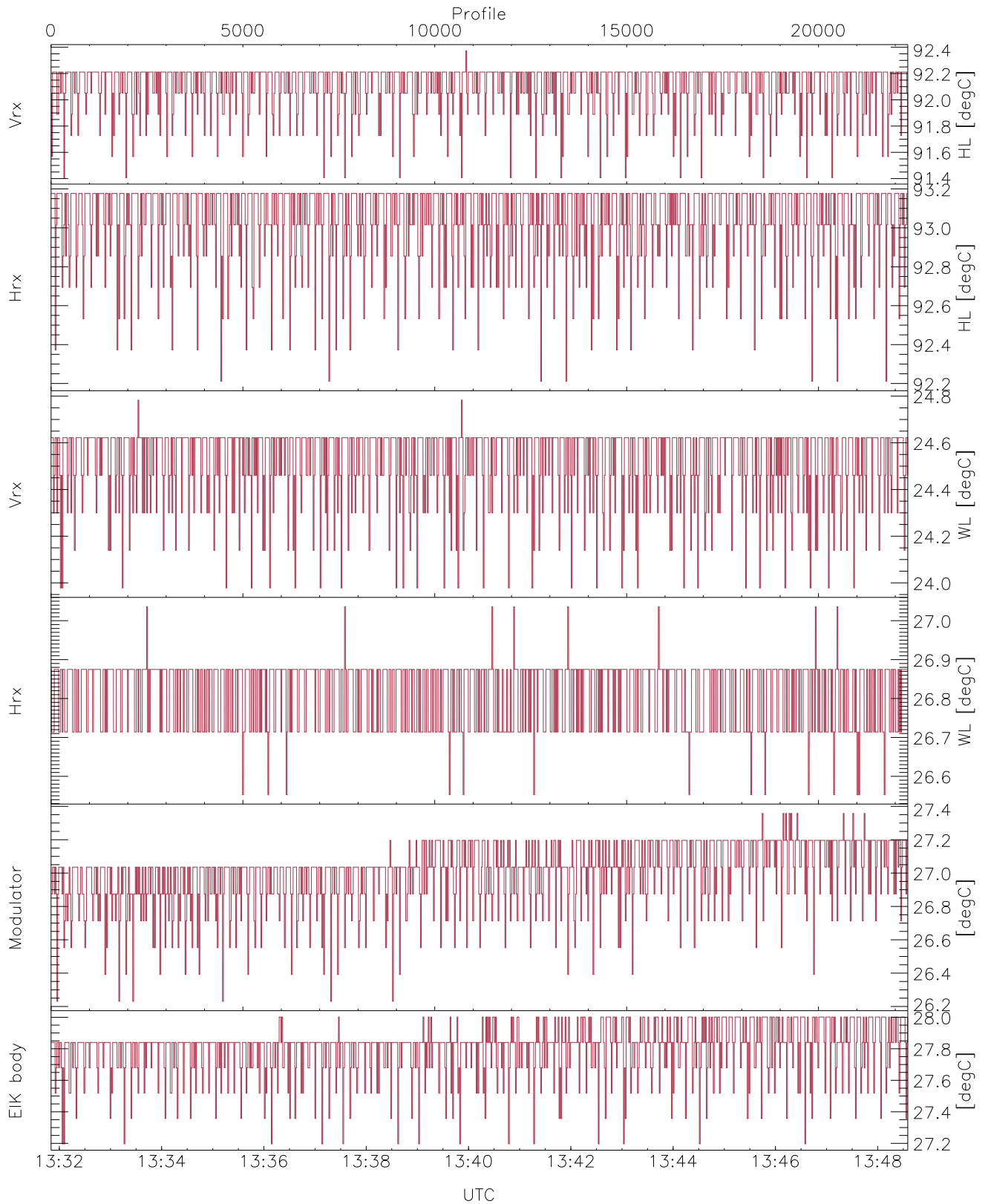


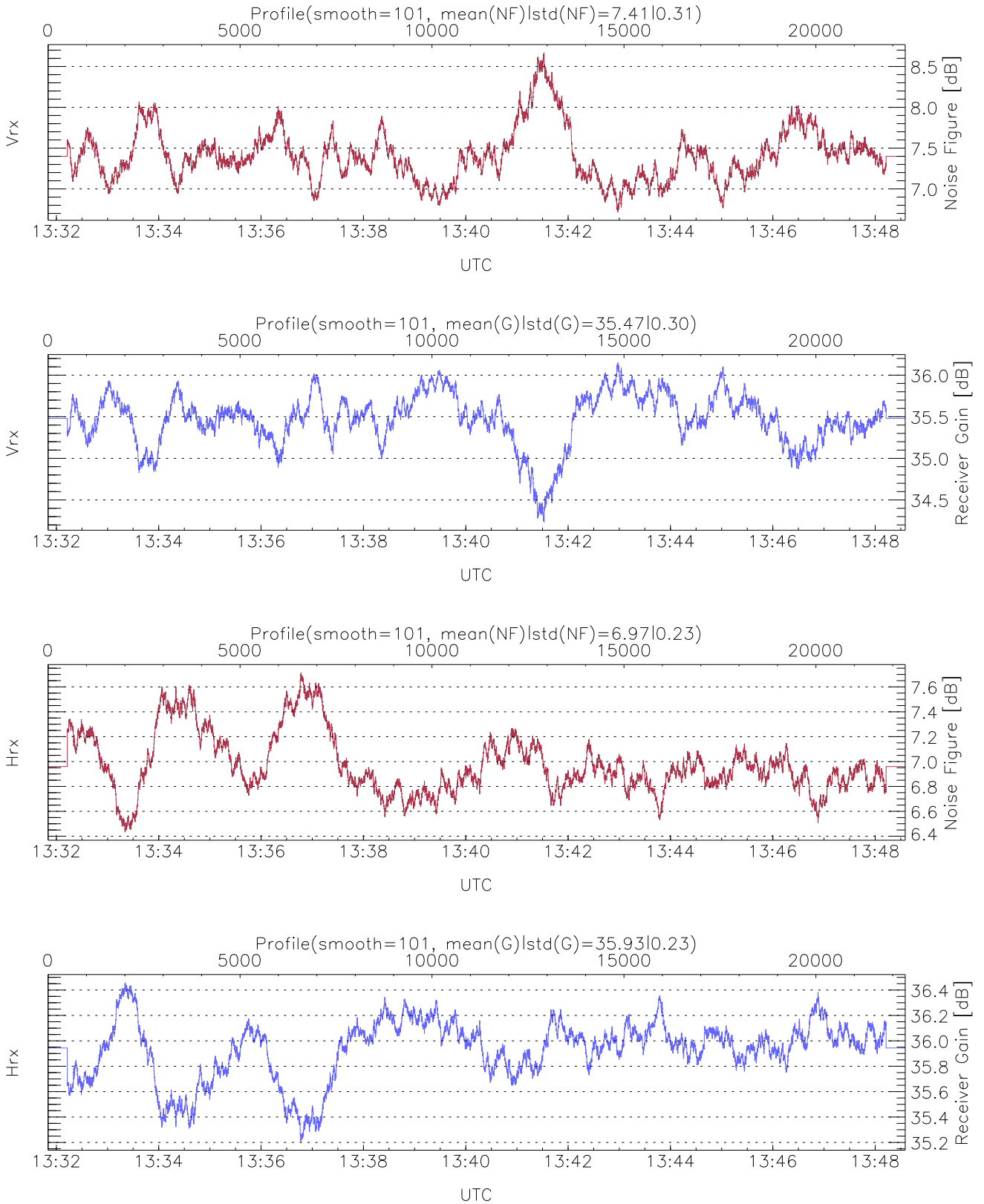
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 13:31:50-13:48:35, TimeCor: 0.00s, Dur: 1004.97s
 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): 22328/22328, 0-22327/13:31:50-13:48:35
 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



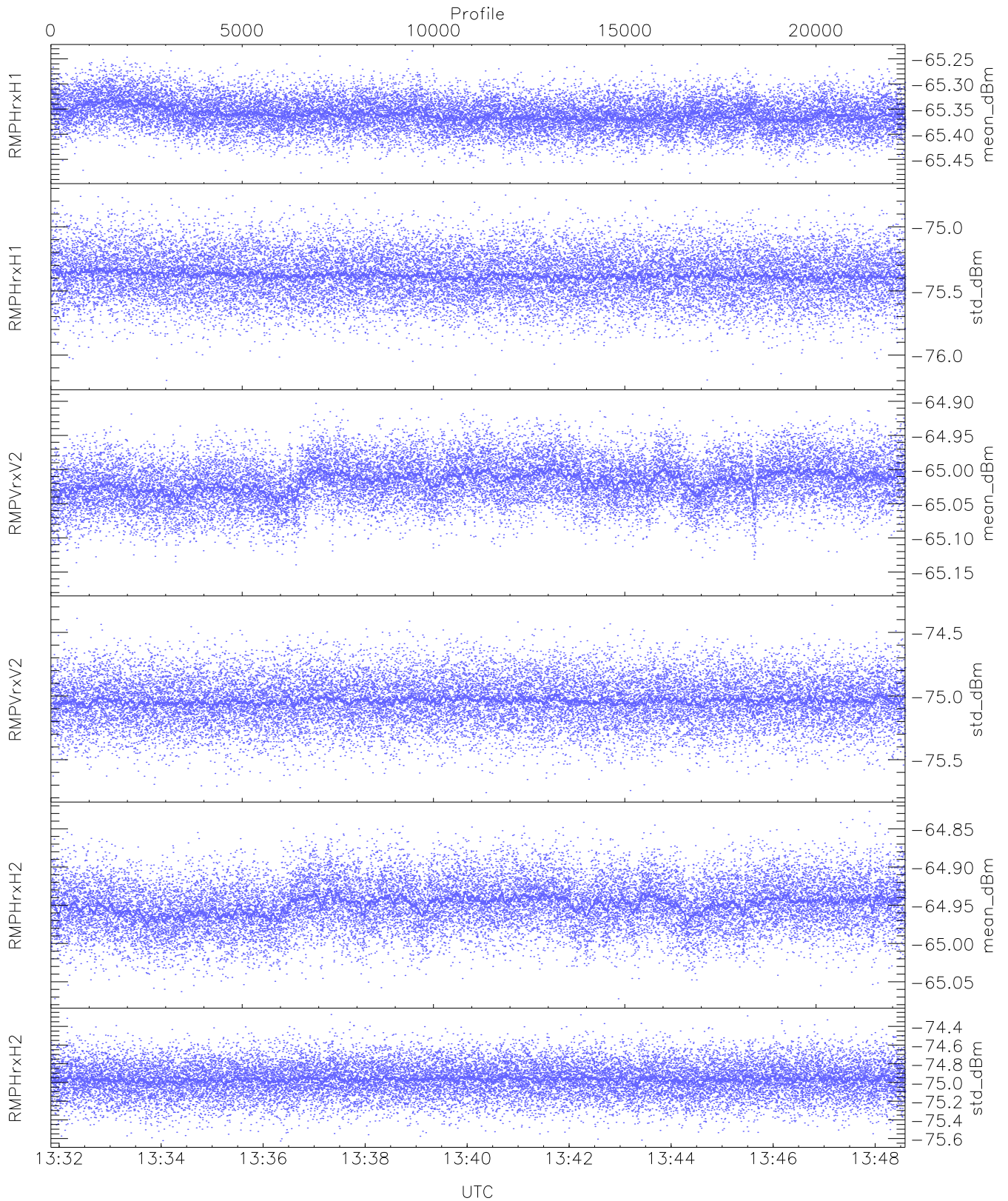
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,26,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,27,28
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



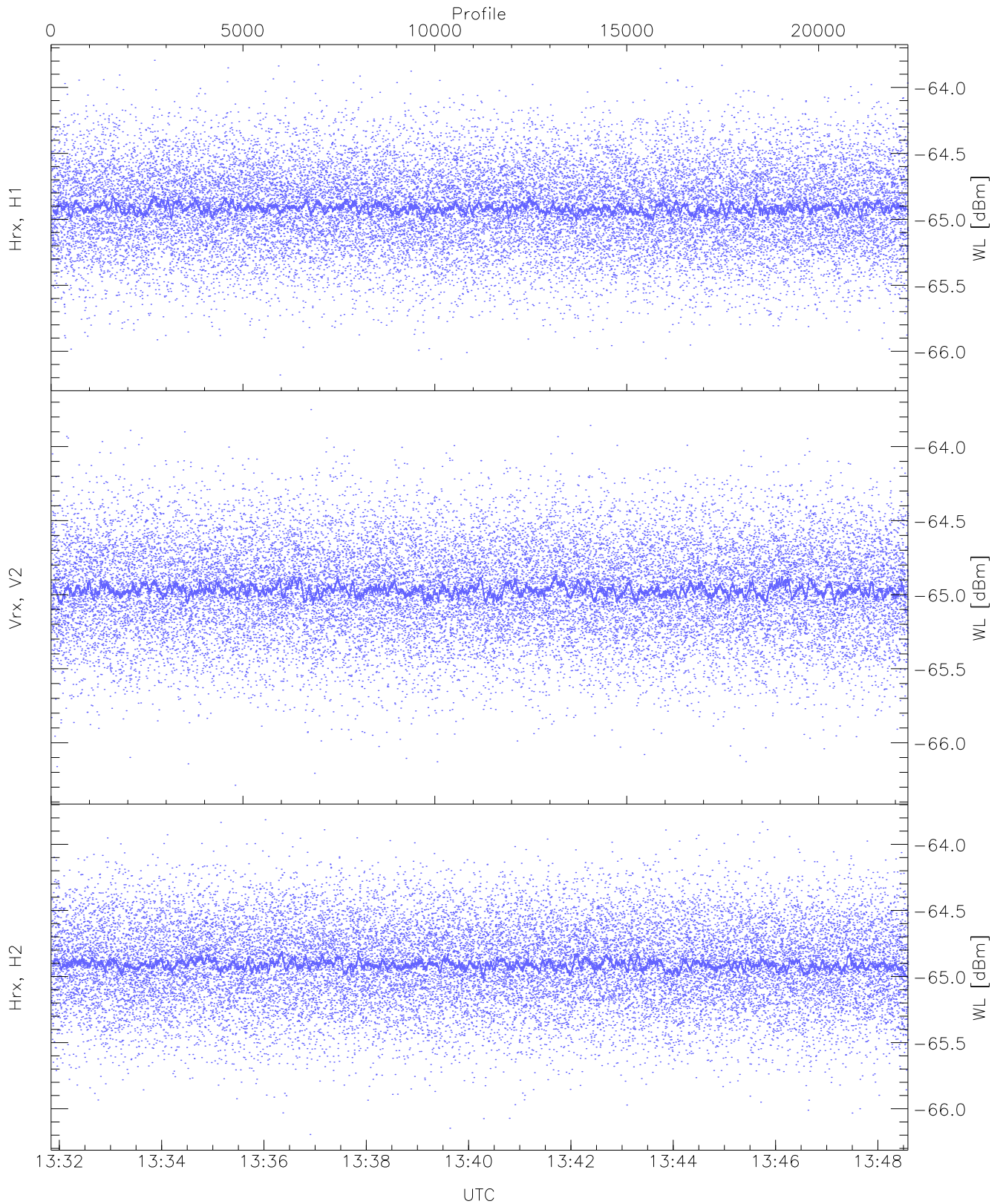
WCR3 CPP Receivers Gain and Noise Figure

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



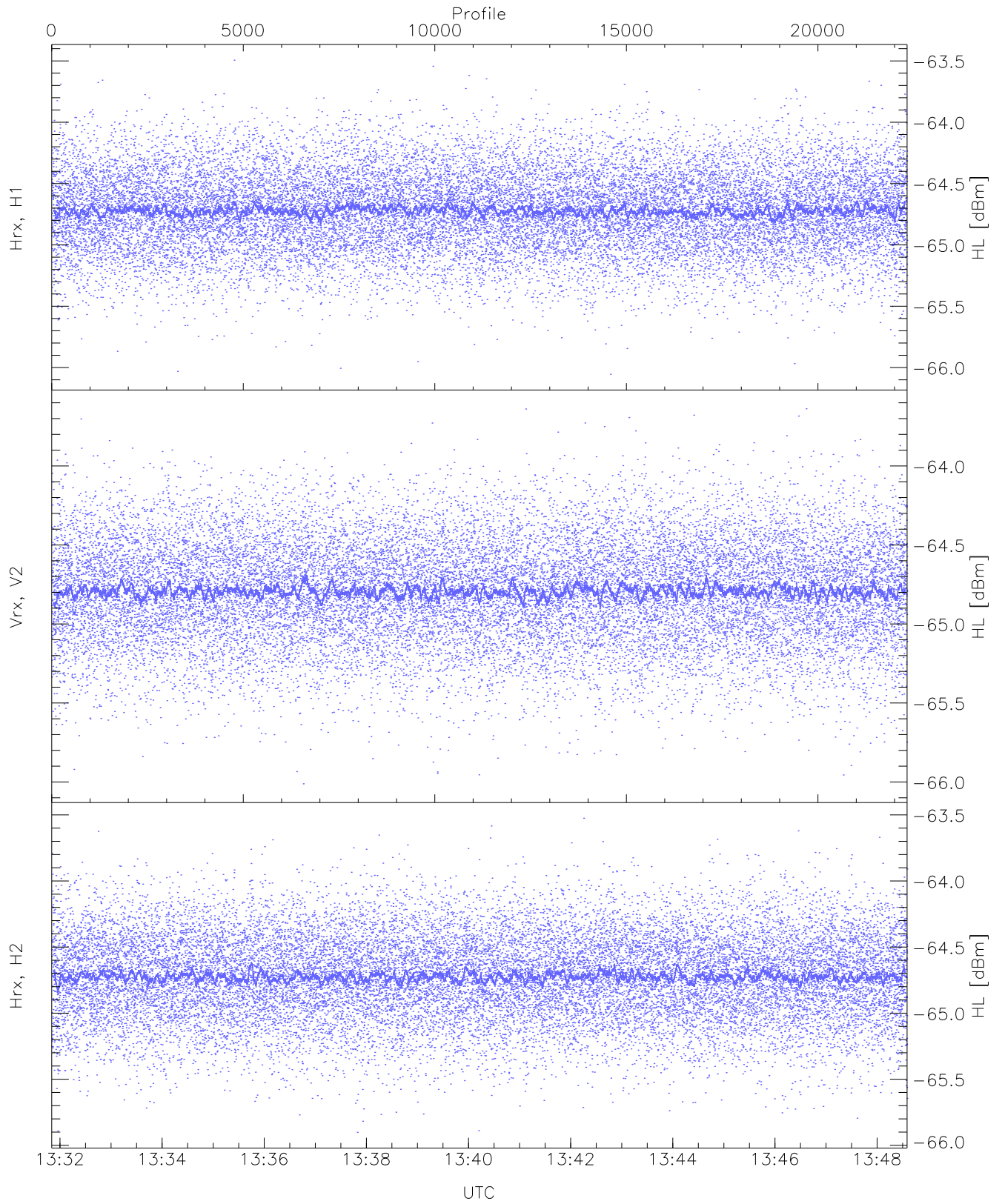
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.49	-65.23	-65.36	-65.36	-86.74
RMPHrxH1(std_dBm)	-76.20	-74.74	-75.38	-75.38	-89.17
RMPVrxV2(mean_dBm)	-65.17	-64.90	-65.02	-65.02	-86.28
RMPVrxV2(std_dBm)	-75.76	-74.29	-75.04	-75.04	-88.82
RMPHrxH2(mean_dBm)	-65.07	-64.83	-64.95	-64.95	-86.34
RMPHrxH2(std_dBm)	-75.63	-74.27	-74.97	-74.97	-88.81



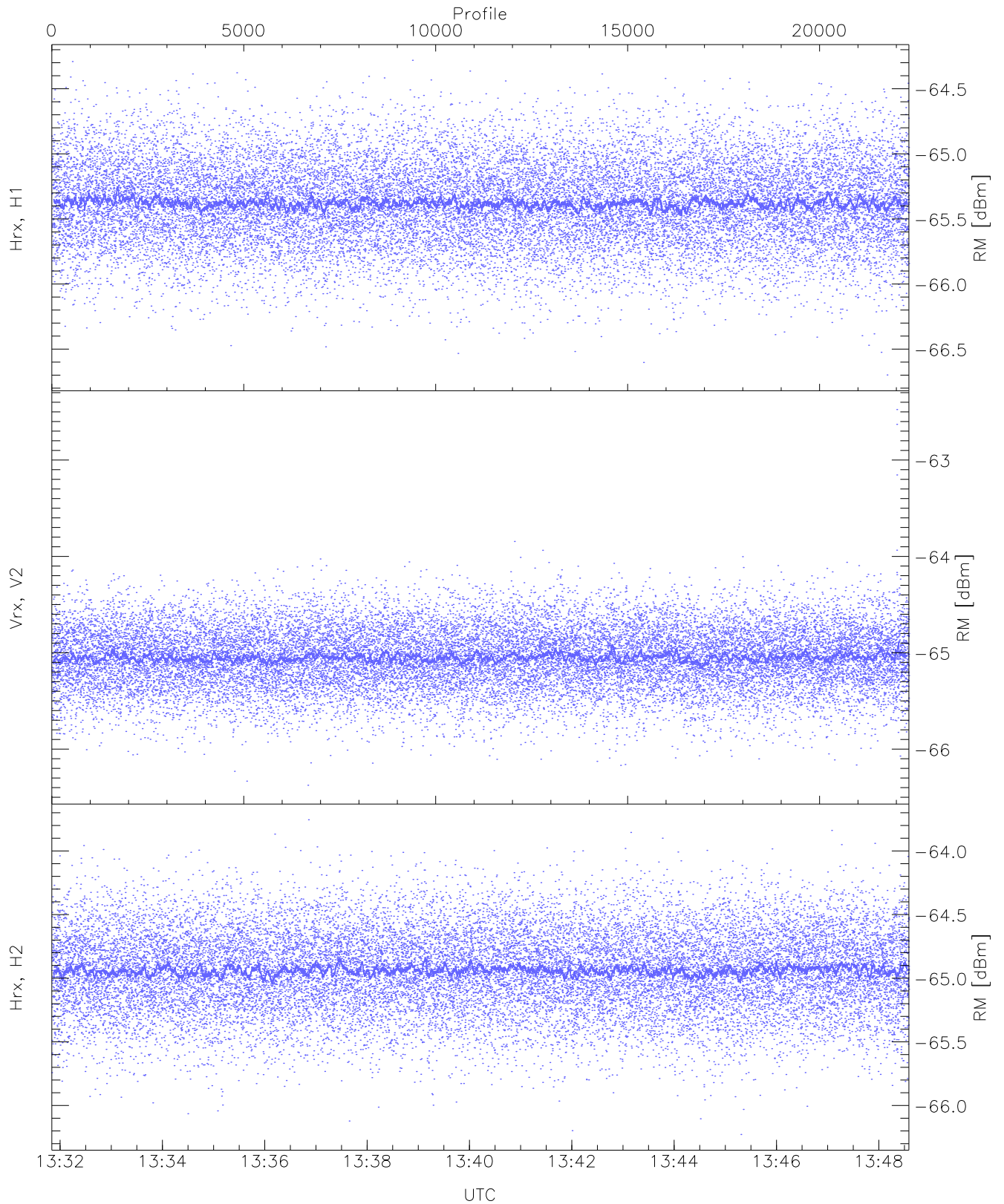
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.18	-63.79	-64.91	-64.91	-76.41
Vrx, V2 (WL [dBm])	-66.29	-63.75	-64.96	-64.97	-76.46
Hrx, H2 (WL [dBm])	-66.19	-63.81	-64.90	-64.91	-76.41



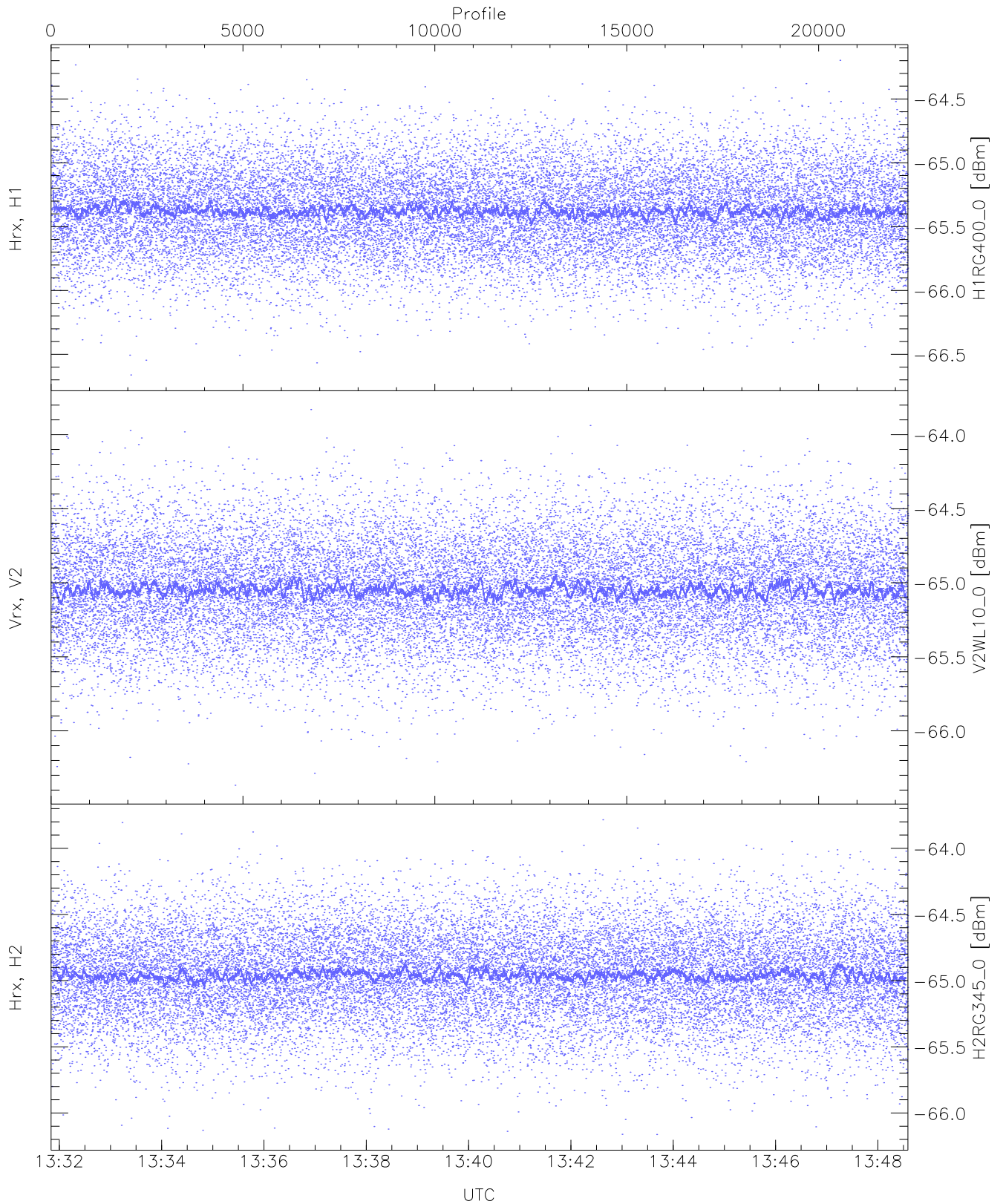
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.06	-63.49	-64.71	-64.72	-76.20
Vrx, V2 (HL [dBm])	-66.01	-63.64	-64.79	-64.79	-76.30
Hrx, H2 (HL [dBm])	-65.90	-63.53	-64.72	-64.72	-76.21



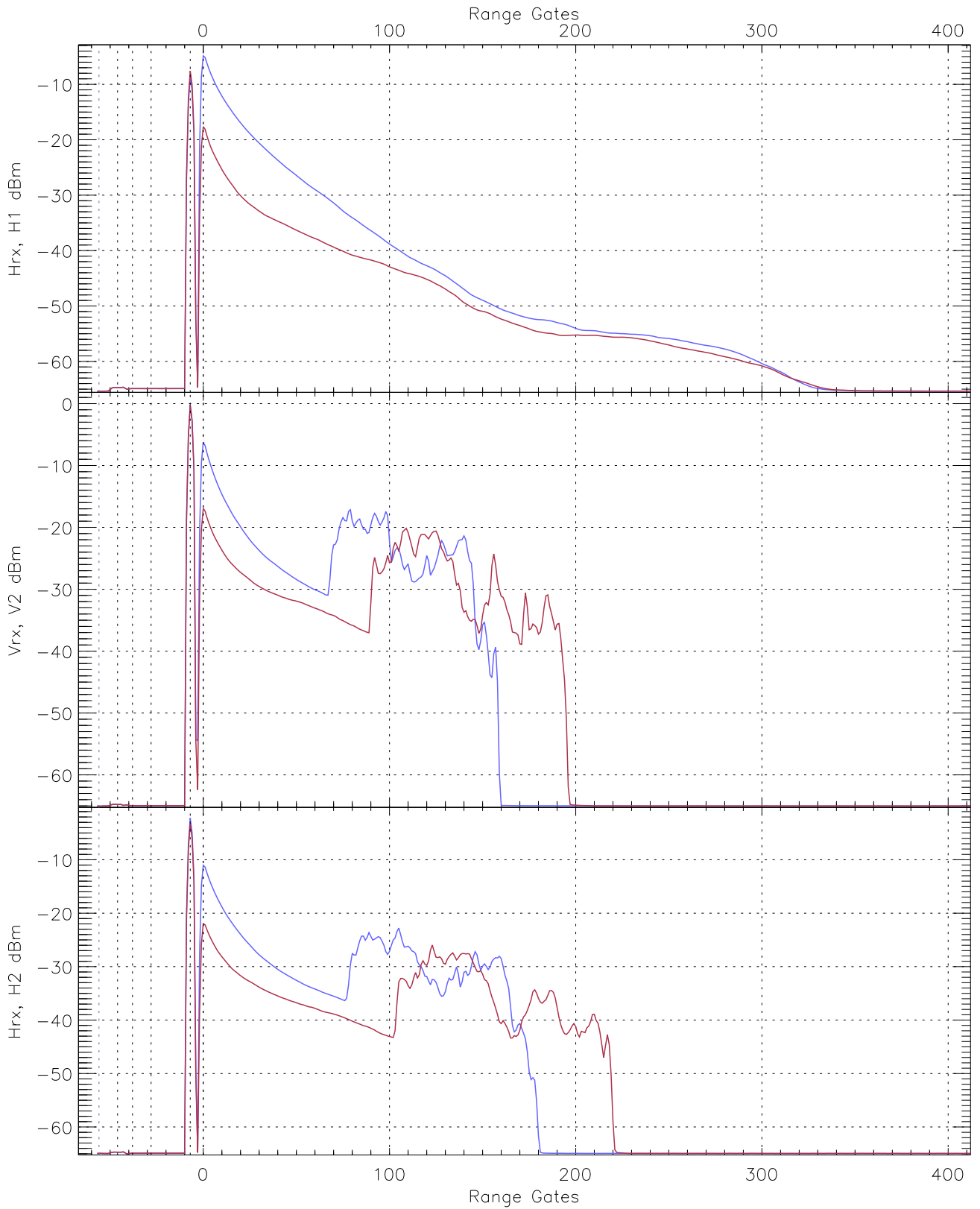
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.70	-64.28	-65.37	-65.38	-76.88
Vrx, V2 (RM [dBm])	-66.38	-62.48	-65.04	-65.05	-76.53
Hrx, H2 (RM [dBm])	-66.23	-63.76	-64.93	-64.94	-76.48

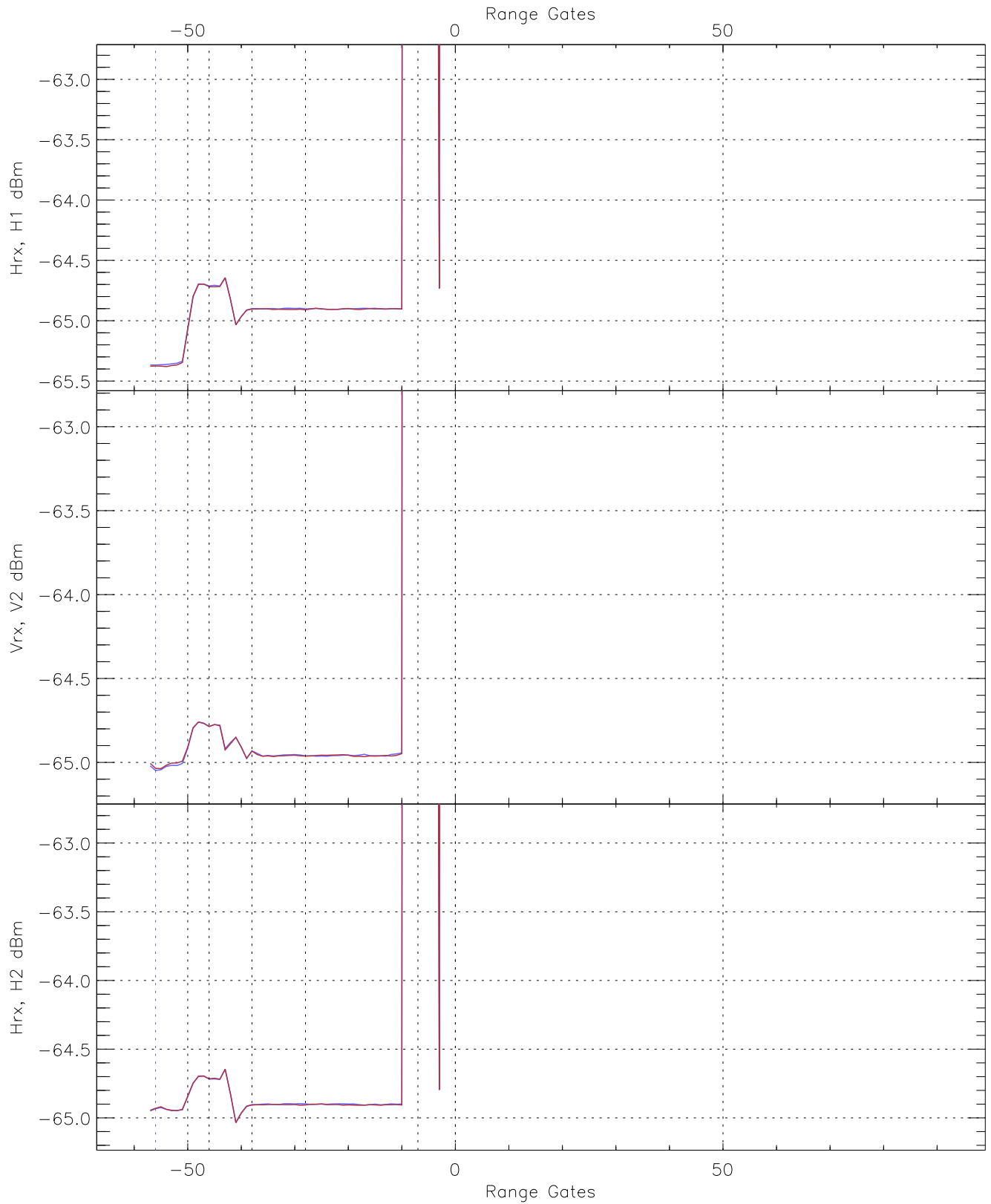


WCR3 CPP "Best" estimate Receivers Noise Power

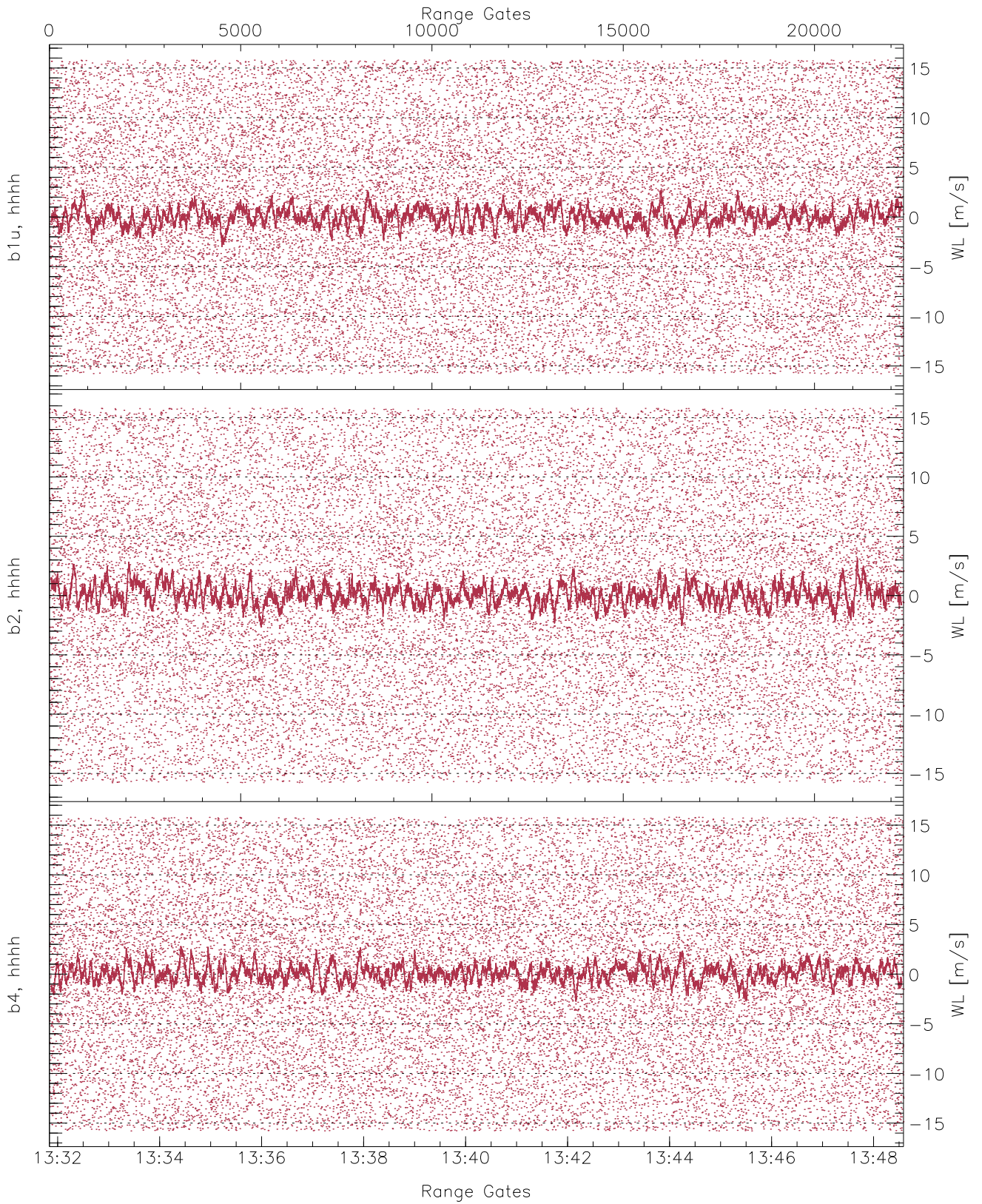
	Min	Max	Mean	Median	StDev
H1RG400_0 [dBm]	-66.66	-64.20	-65.37	-65.38	-76.86
V2WL10_0 [dBm]	-66.37	-63.83	-65.04	-65.05	-76.54
H2RG345_0 [dBm]	-66.16	-63.78	-64.95	-64.96	-76.45



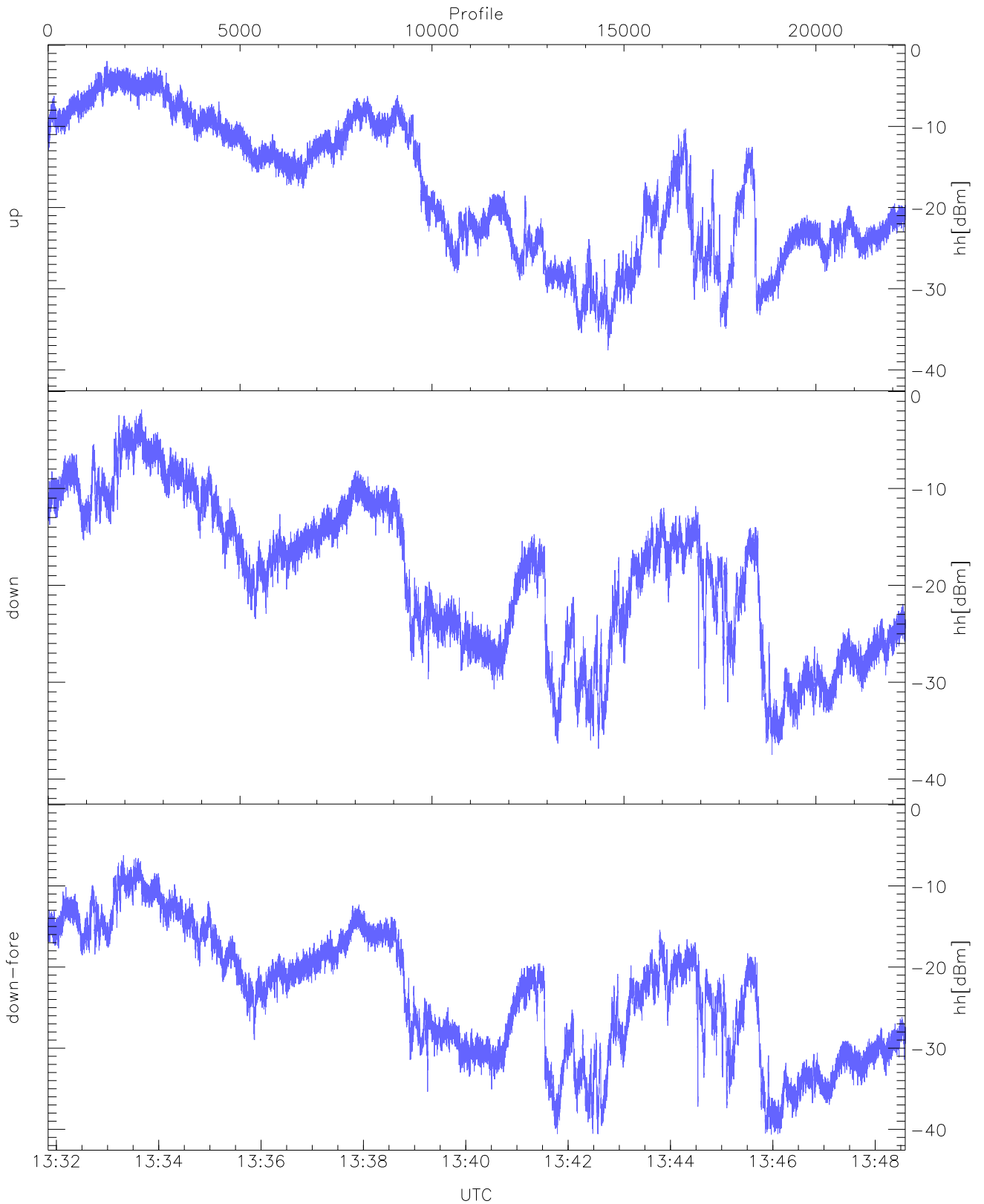
WCR3 CPP Averaged Received power for all recorded gates
blue: 133150-134013, 11165 profiles averaged
red: 134013-134835, 11164 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 133150-134013, 11165 profiles averaged
red: 134013-134835, 11164 profiles averaged

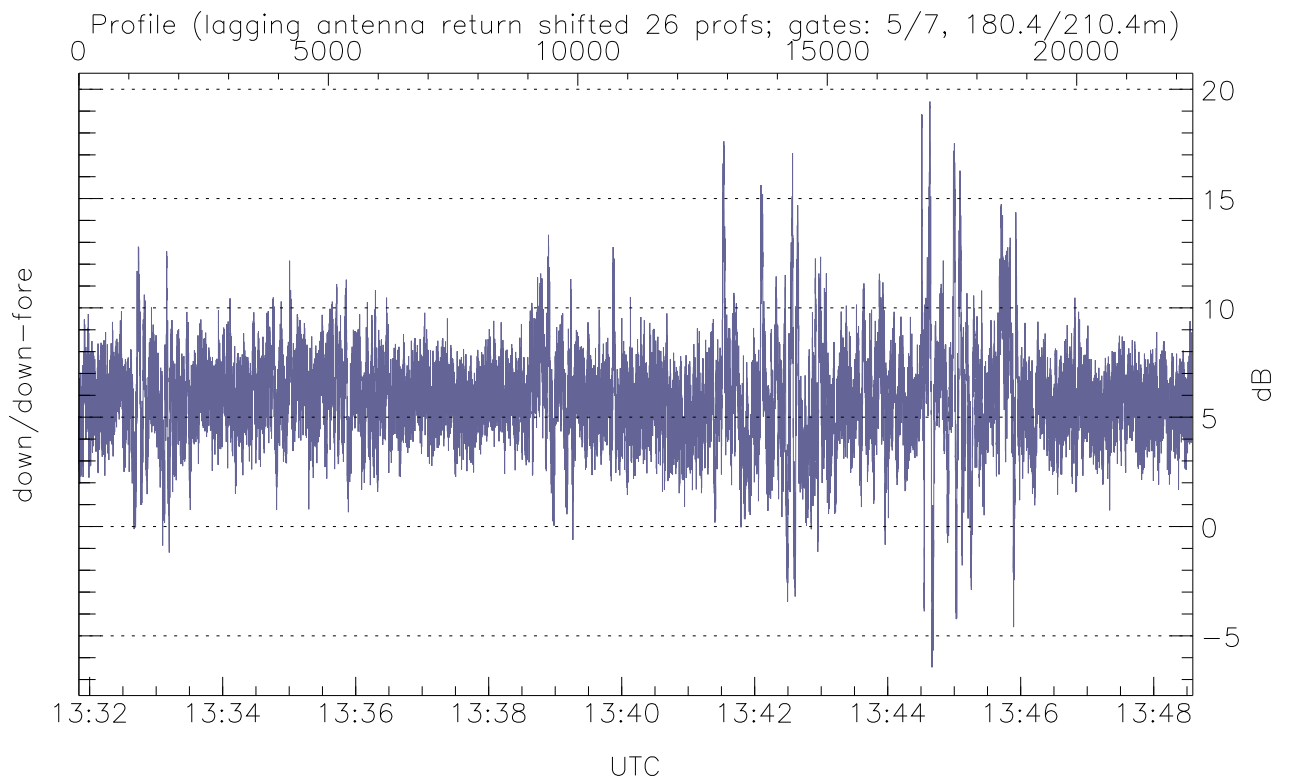
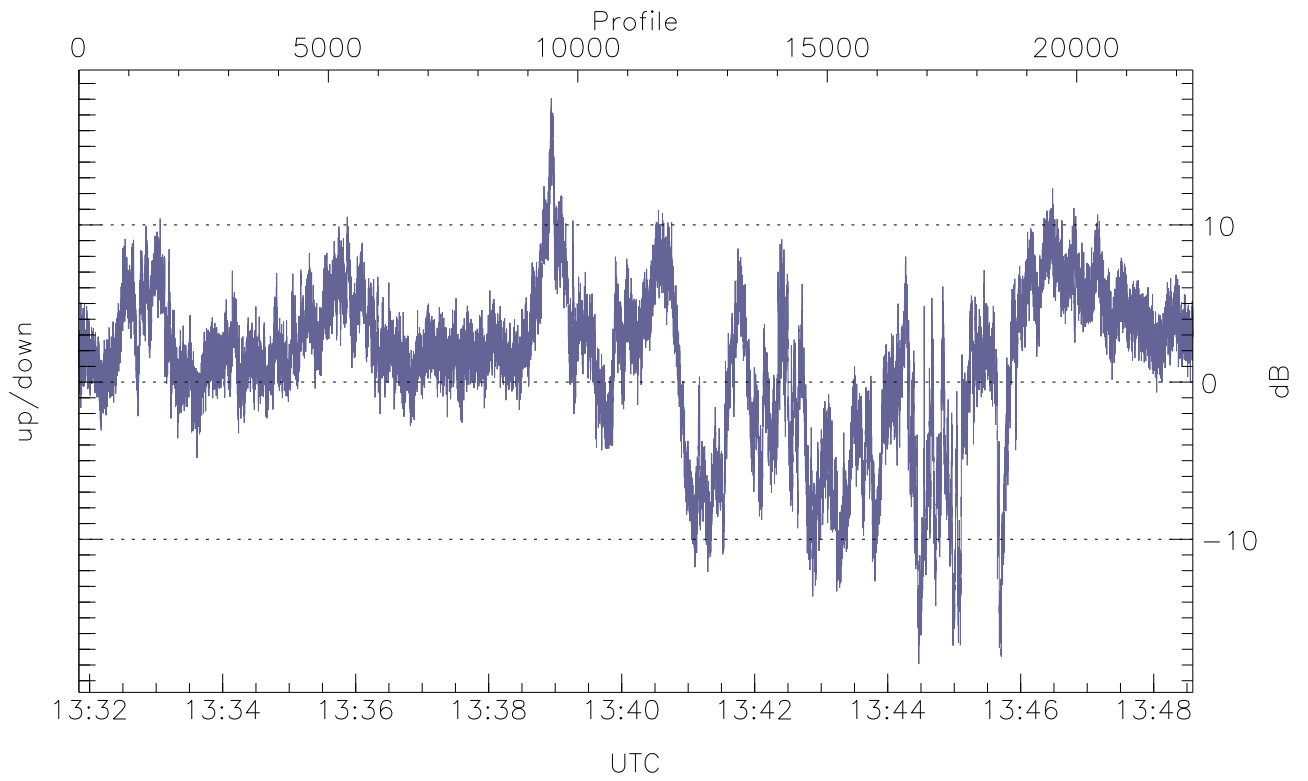


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



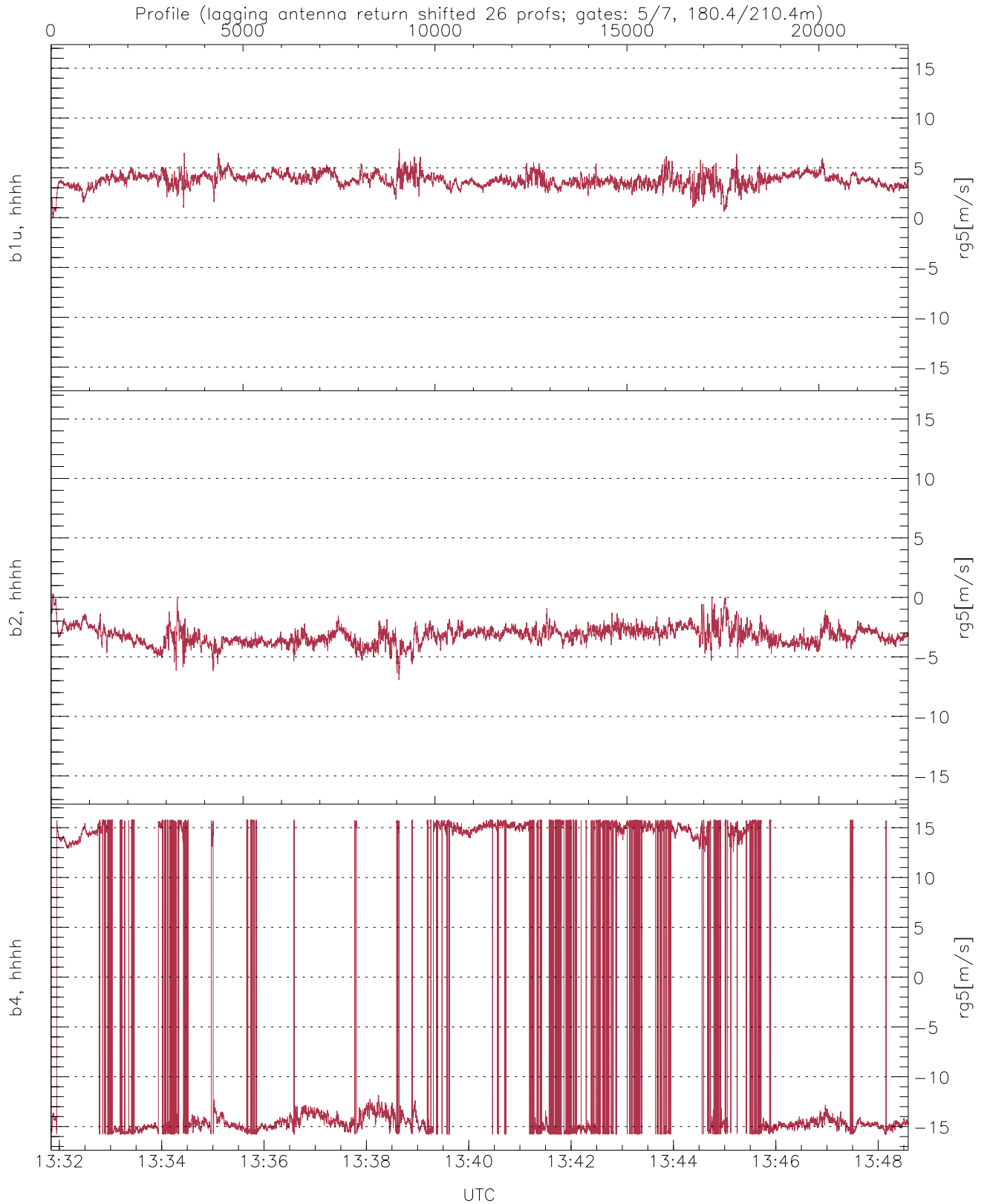
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-37.58	-1.94	-11.65
down(hh[dBm])	-37.48	-1.85	-13.47
down-fore(hh[dBm])	-40.64	-6.22	-17.85



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

	Min	Max	Mean
up/down (dB)	-17.94	18.06	1.31
down/down-fore (dB)	-6.44	19.44	5.83



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.02	6.91	3.76	0.70
b2, hhhh(rg5[m/s])	-6.91	0.33	-3.21	0.76
b4, hhhh(rg5[m/s])	-15.79	15.79	-3.89	14.34