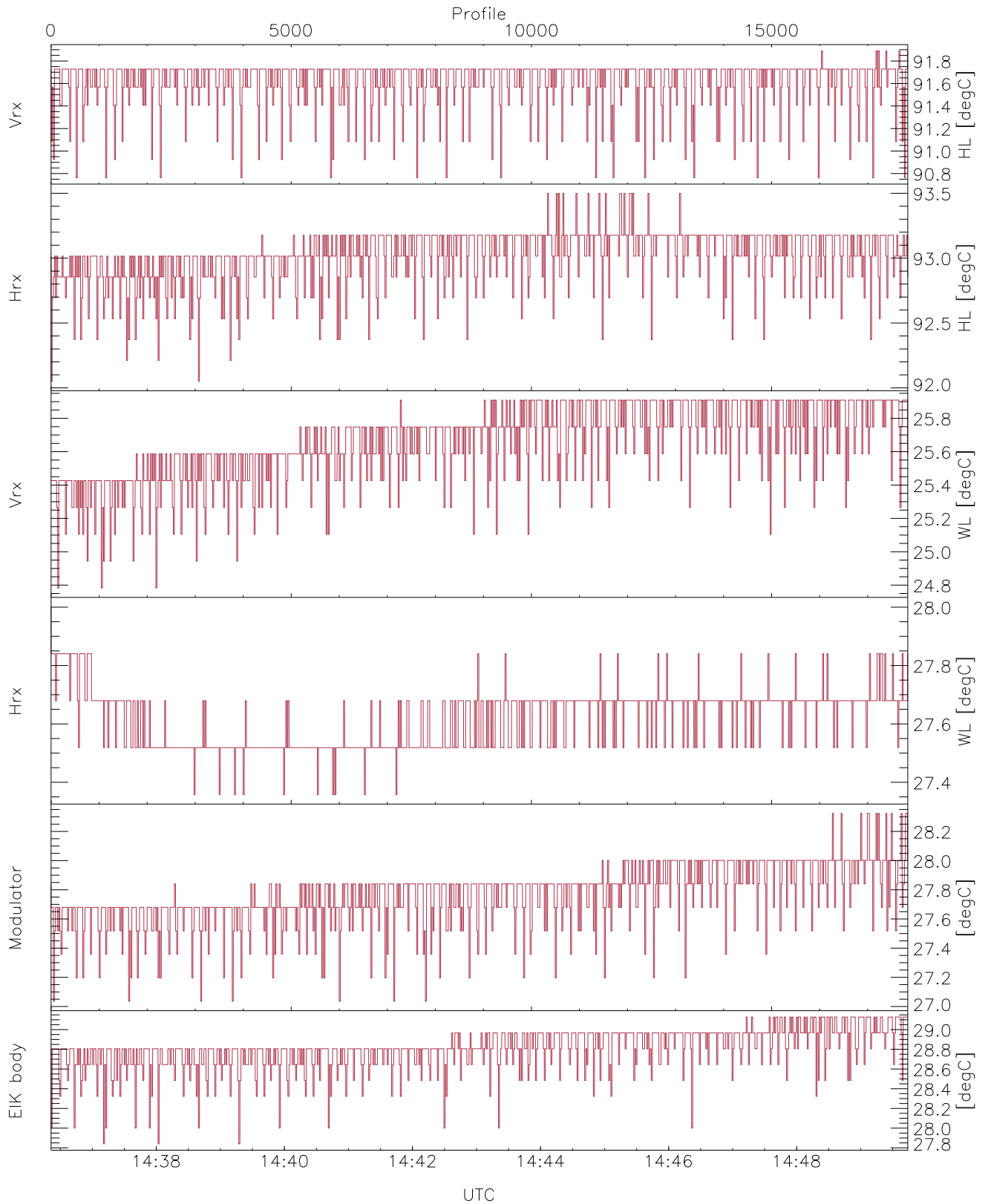


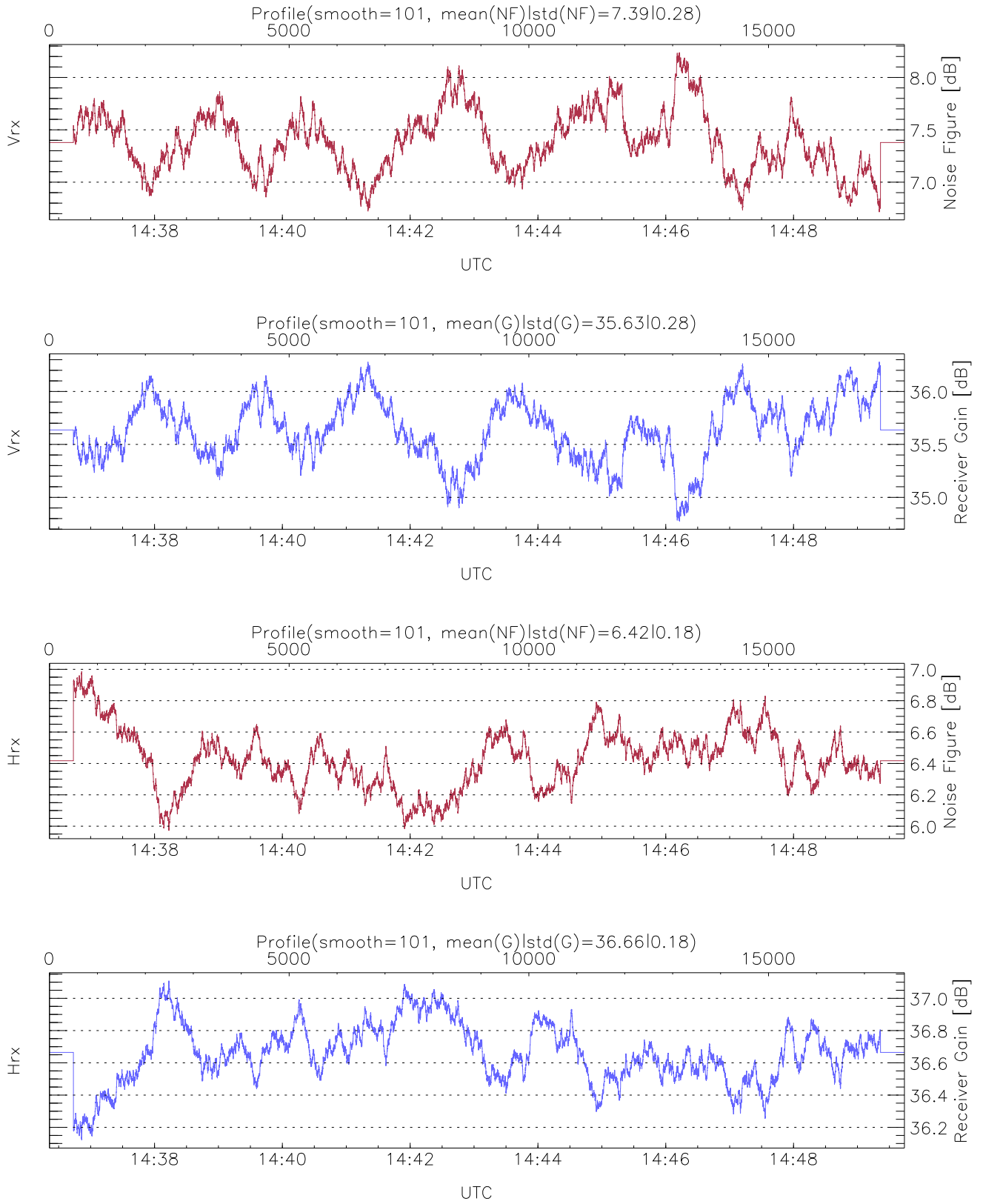
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:36:21-14:49:44, TimeCor: 0.00s, Dur: 802.78s
 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): 17836/17836, 0-17835/14:36:21-14:49:44
 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,x = no mirror|sidelup|error): 1



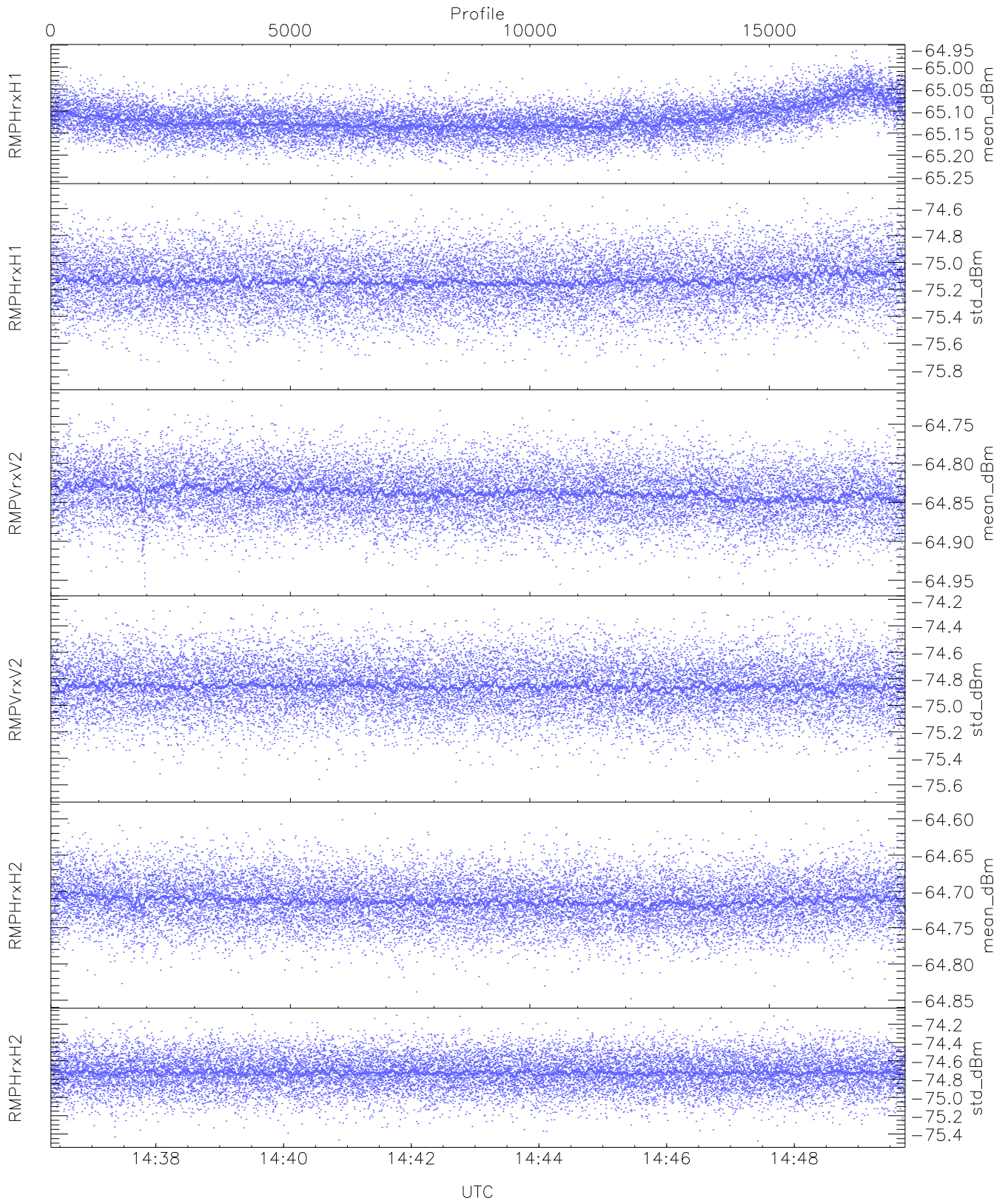
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,27,27,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,28,28,29
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



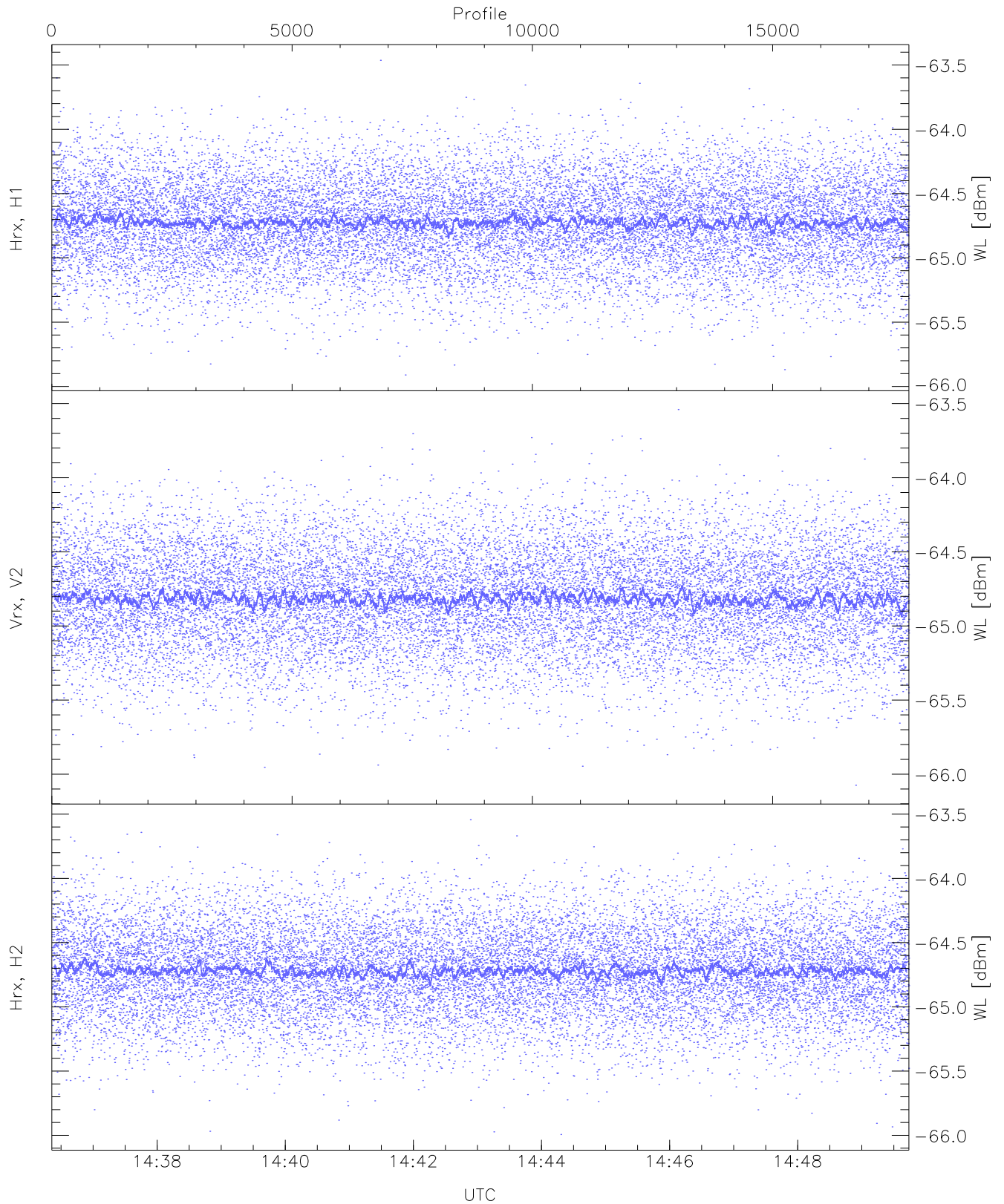
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 1 gates, 3 profs, 1 prod(s)



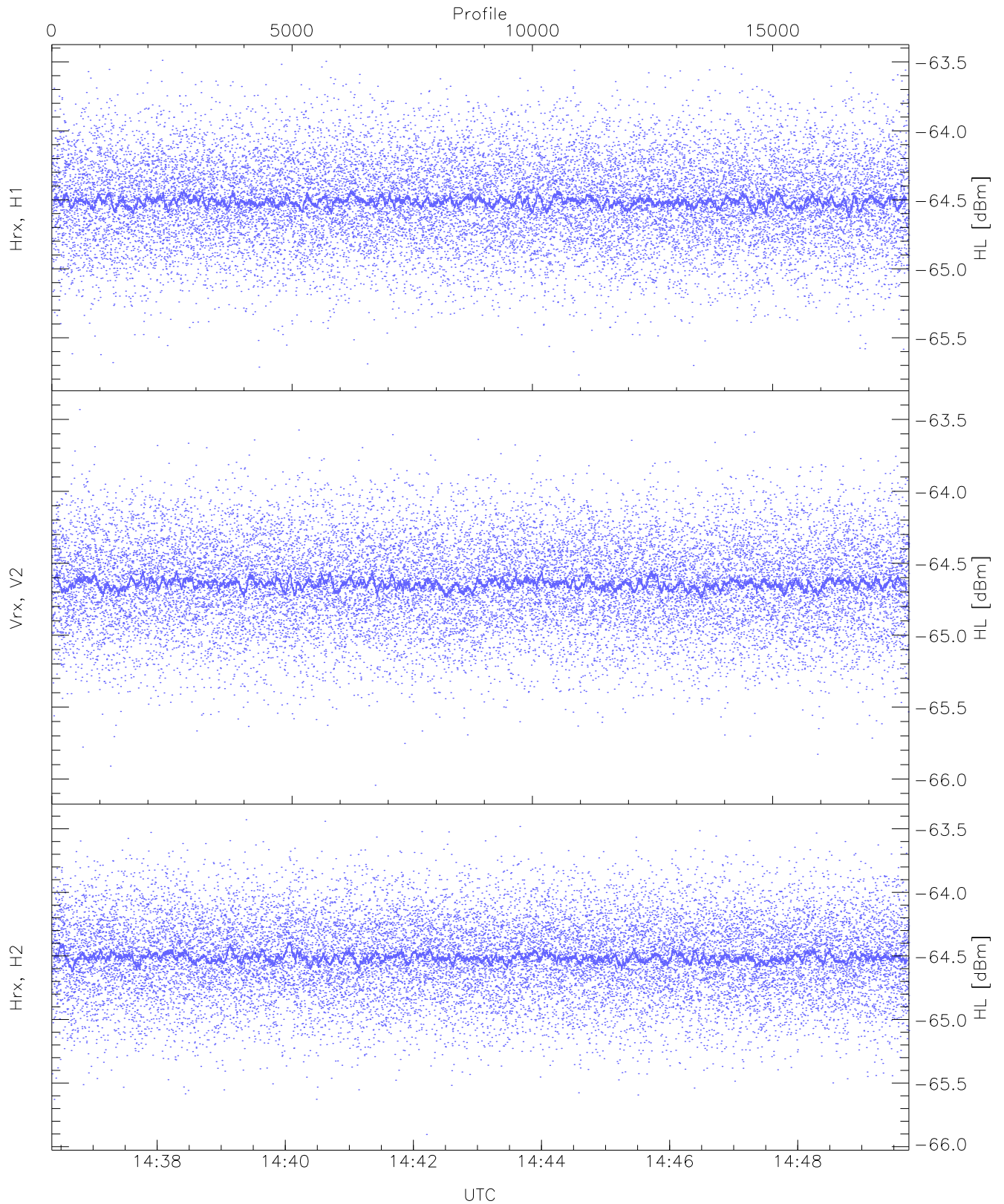
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.25	-64.96	-65.12	-65.12	-85.76
RMPHrxH1 (std_dBm)	-75.88	-74.48	-75.13	-75.13	-88.92
RMPVrxV2 (mean_dBm)	-64.96	-64.72	-64.84	-64.84	-86.35
RMPVrxV2 (std_dBm)	-75.66	-74.24	-74.86	-74.86	-88.65
RMPHrxH2 (mean_dBm)	-64.85	-64.59	-64.71	-64.71	-86.27
RMPHrxH2 (std_dBm)	-75.48	-74.09	-74.73	-74.73	-88.53



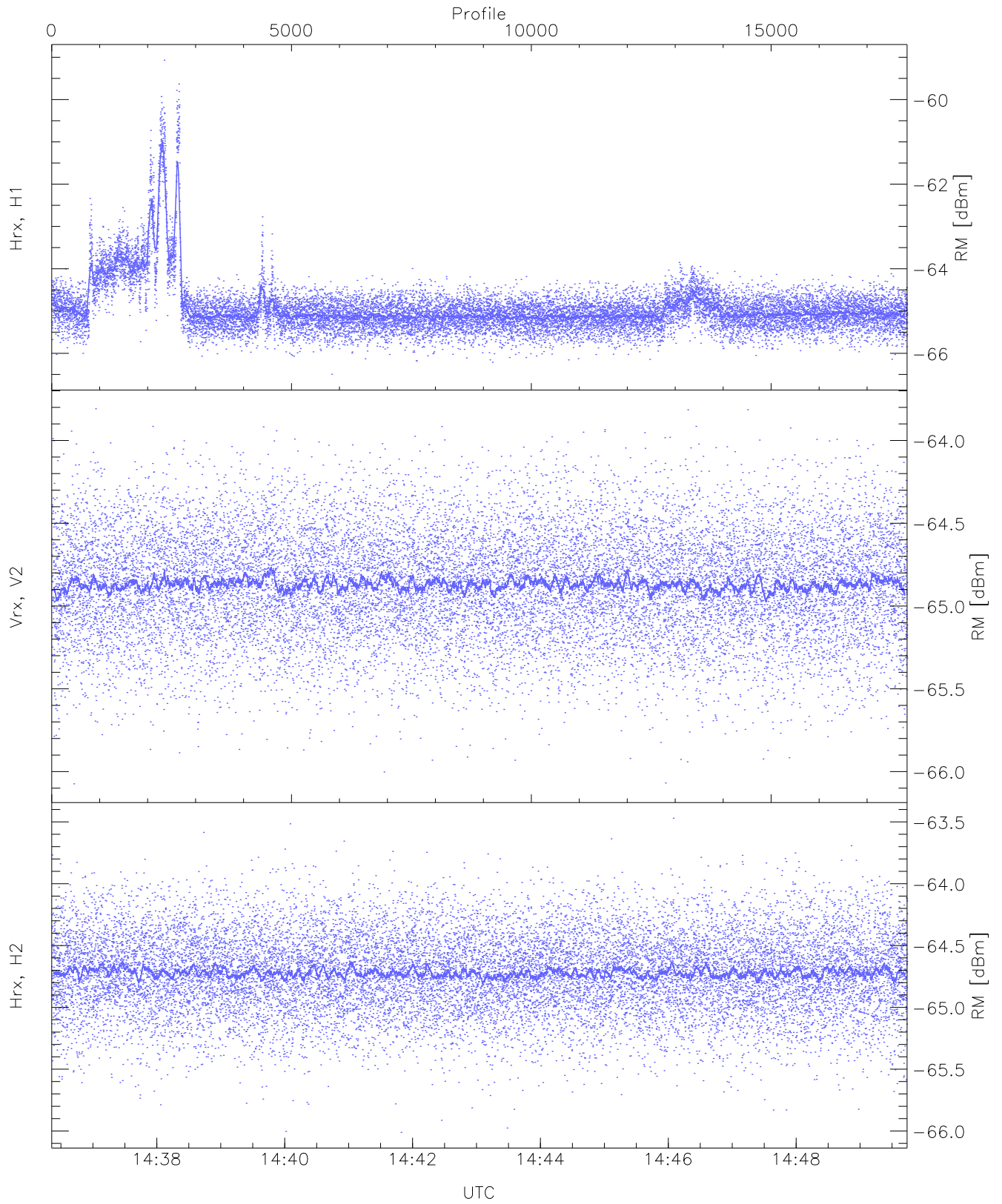
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.91	-63.46	-64.72	-64.72	-76.21
Vrx, V2(WL [dBm])	-66.07	-63.54	-64.81	-64.81	-76.32
Hrx, H2(WL [dBm])	-65.99	-63.54	-64.71	-64.72	-76.20



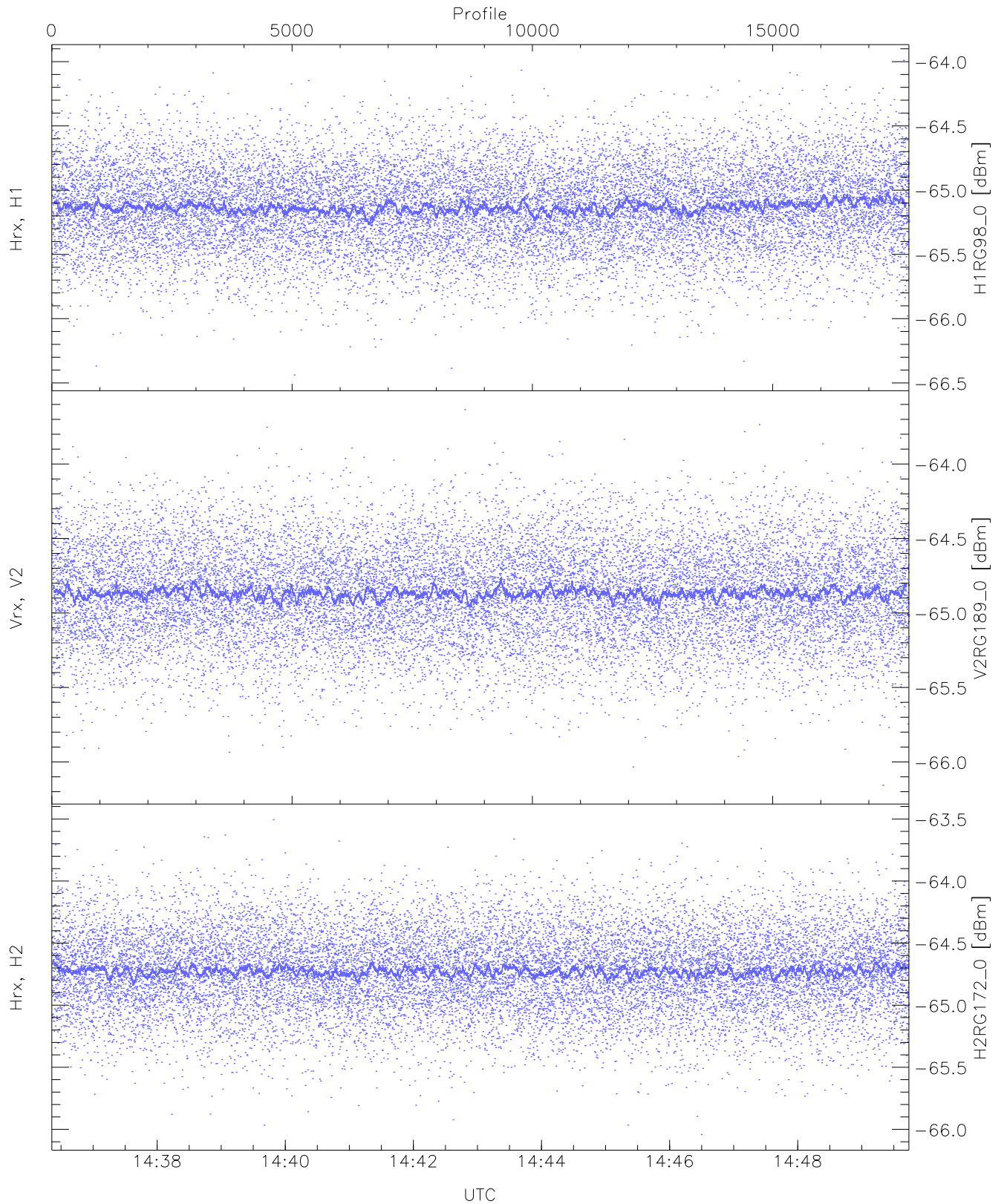
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.77	-63.49	-64.50	-64.51	-76.02
Vrx, V2 (HL [dBm])	-66.04	-63.43	-64.64	-64.64	-76.19
Hrx, H2 (HL [dBm])	-65.90	-63.43	-64.50	-64.51	-76.00



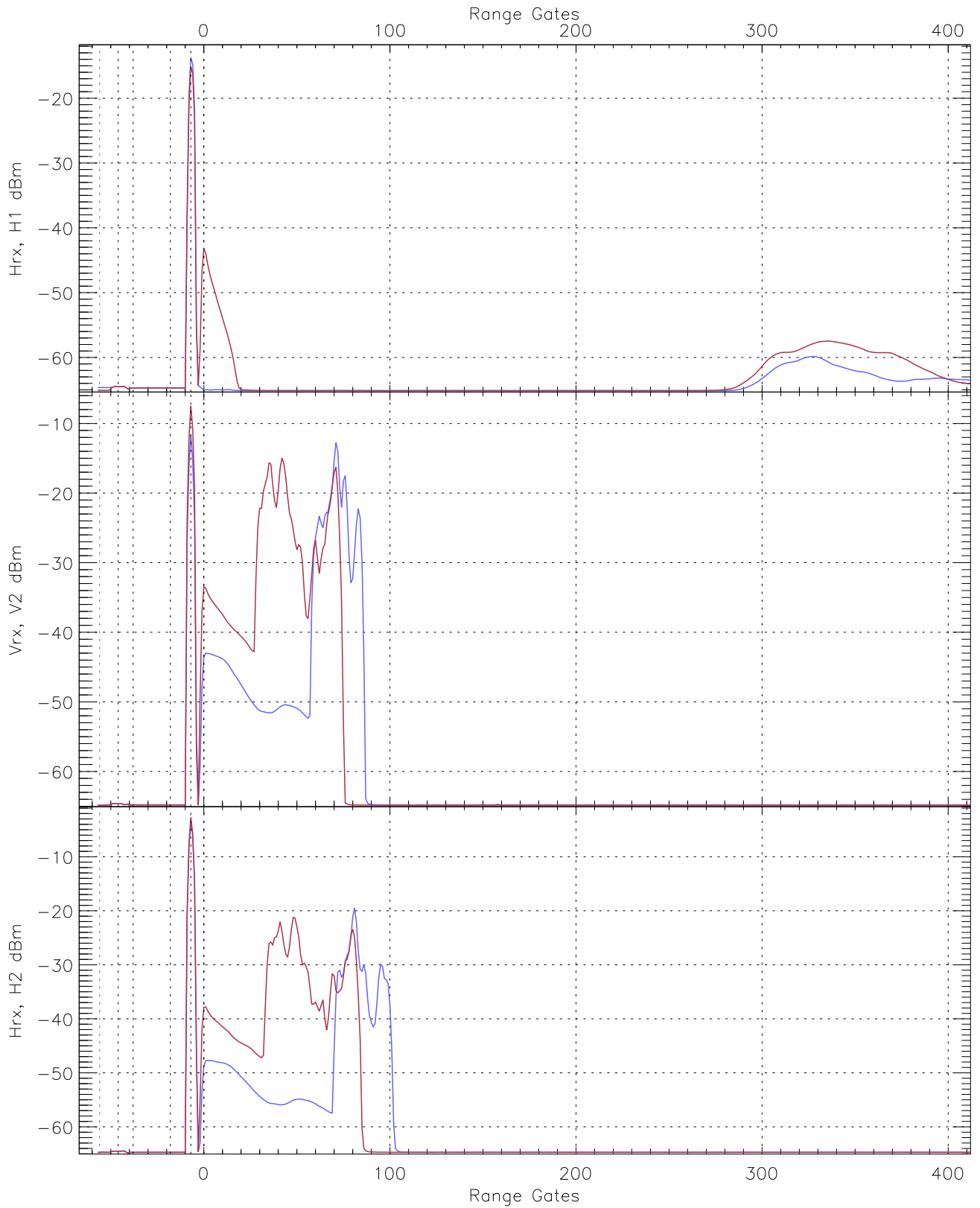
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.50	-59.07	-64.84	-65.03	-71.62
Vrx, V2 (RM [dBm])	-66.07	-63.81	-64.86	-64.87	-76.39
Hrx, H2 (RM [dBm])	-66.01	-63.47	-64.71	-64.72	-76.21

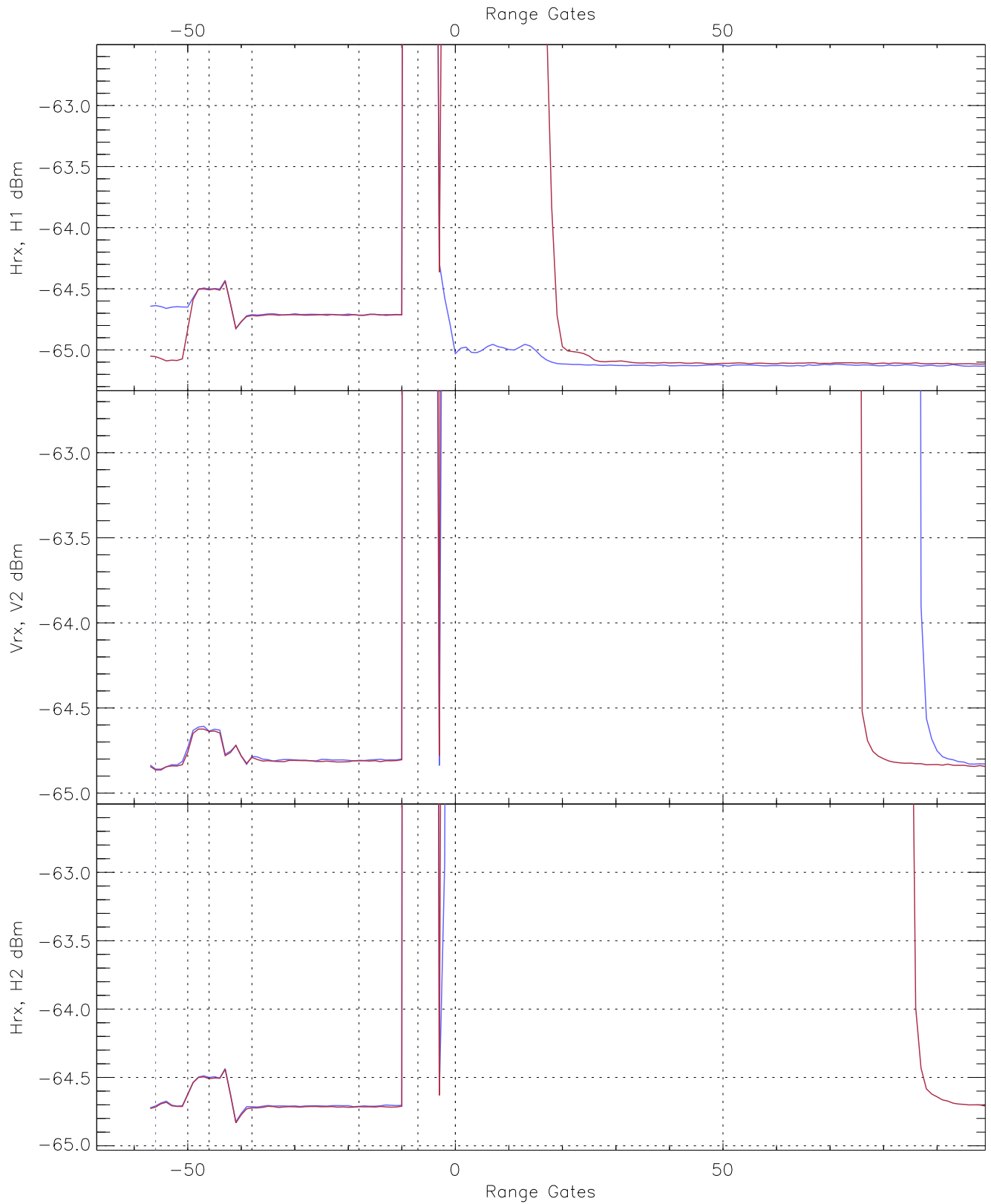


WCR3 CPP "Best" estimate Receivers Noise Power

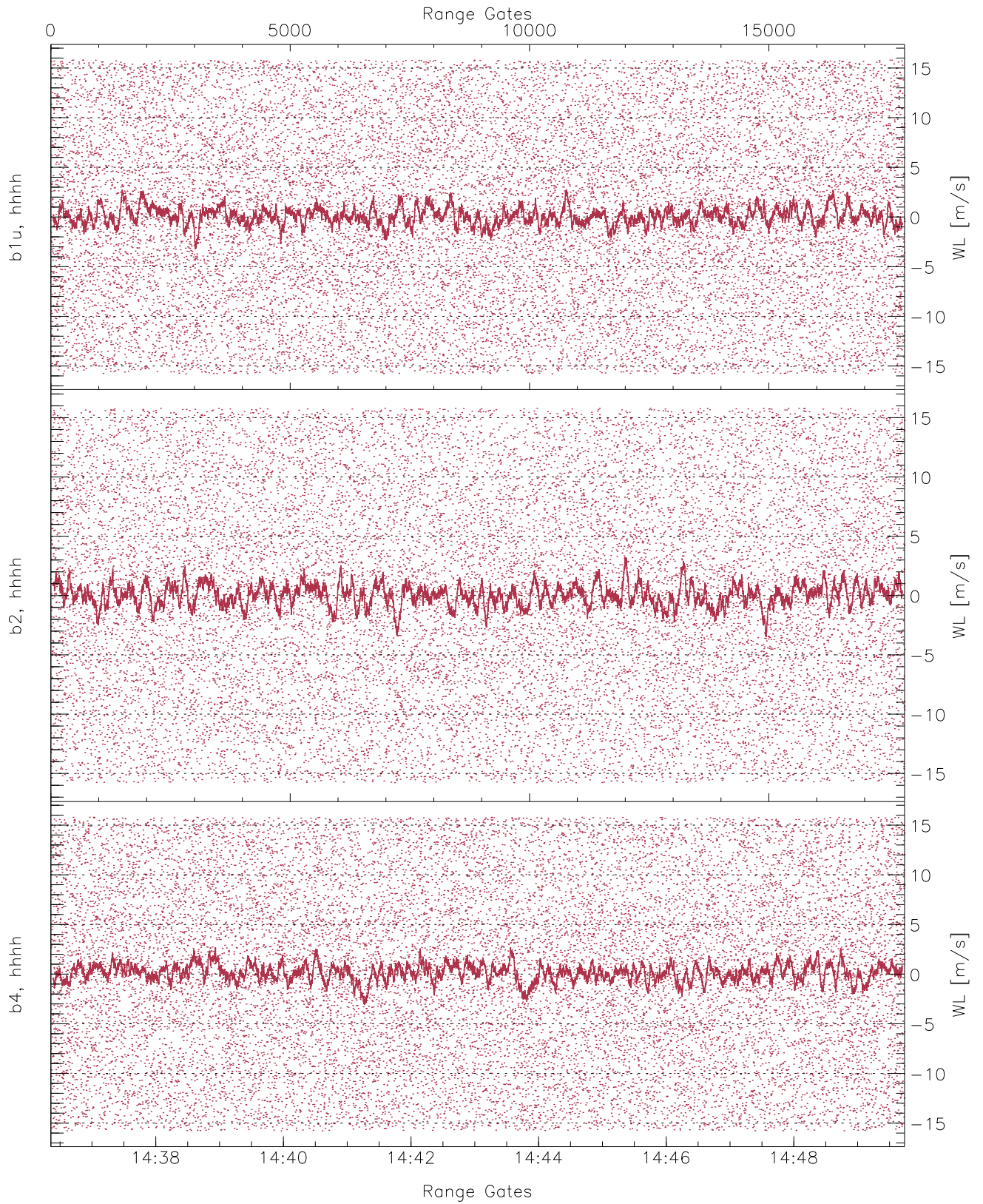
	Min	Max	Mean	Median	StDev
H1RG98_0 [dBm]	-66.44	-63.99	-65.13	-65.13	-76.64
V2RG189_0 [dBm]	-66.16	-63.63	-64.86	-64.87	-76.42
H2RG172_0 [dBm]	-66.04	-63.51	-64.72	-64.72	-76.23



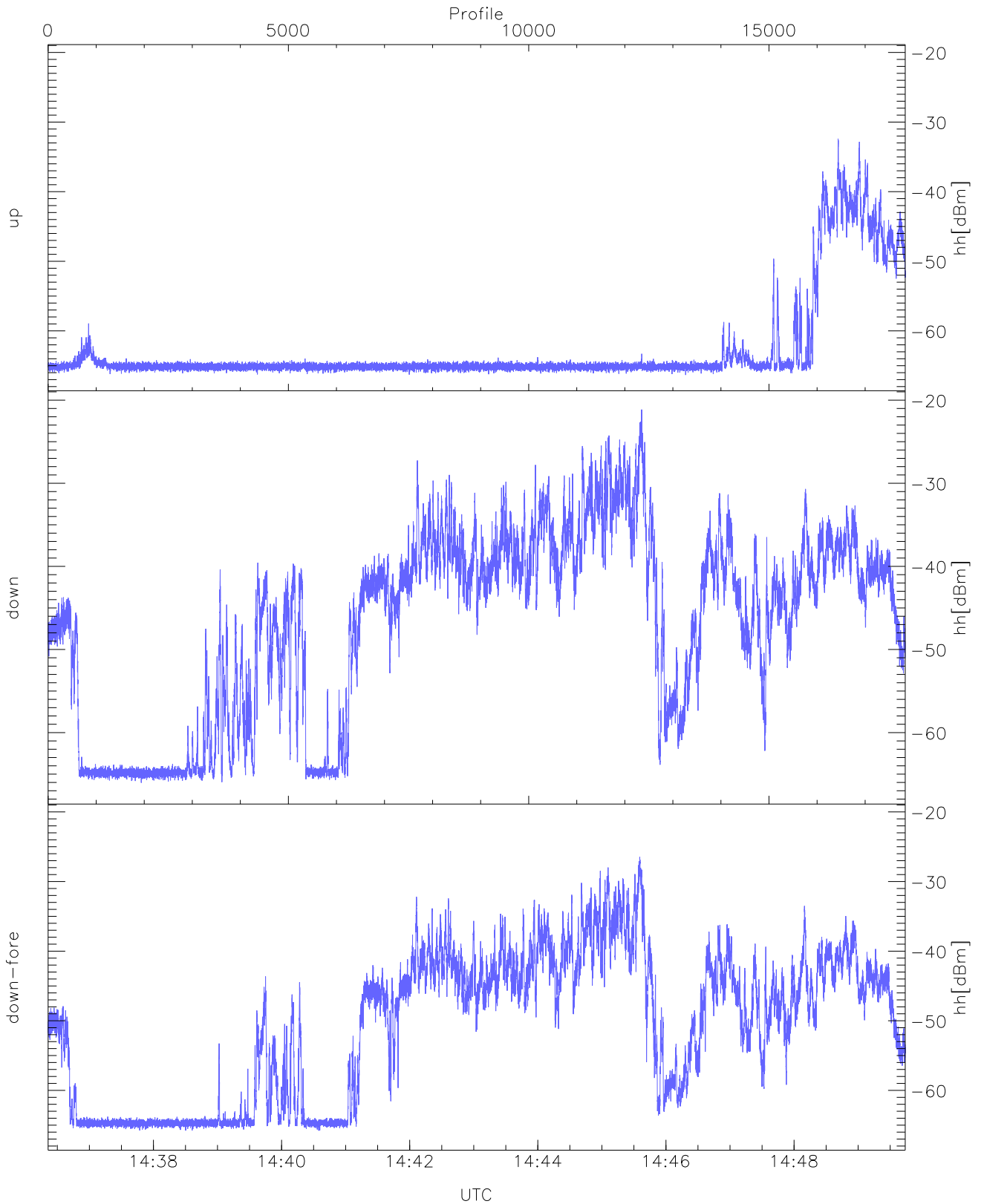
WCR3 CPP Averaged Received power for all recorded gates
blue: 143621-144303, 8919 profiles averaged
red: 144303-144944, 8918 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 143621-144303, 8919 profiles averaged
red: 144303-144944, 8918 profiles averaged

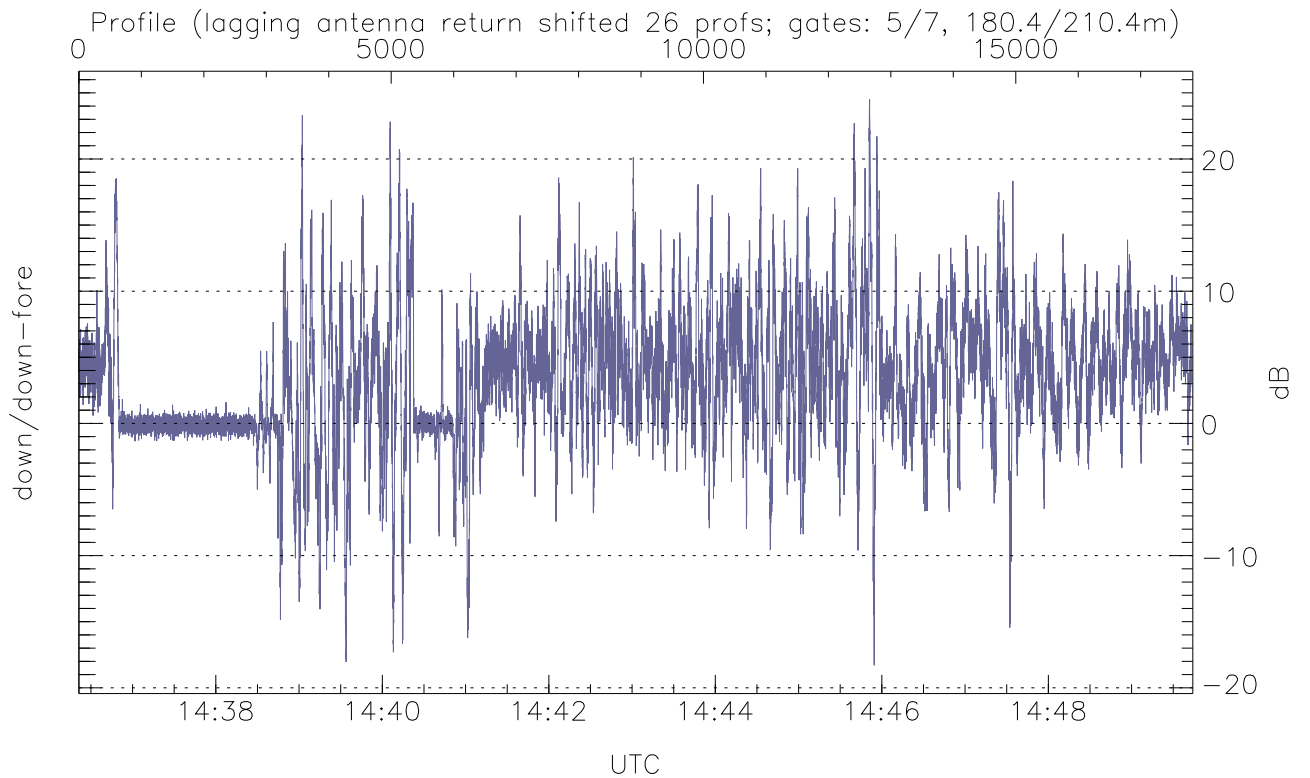
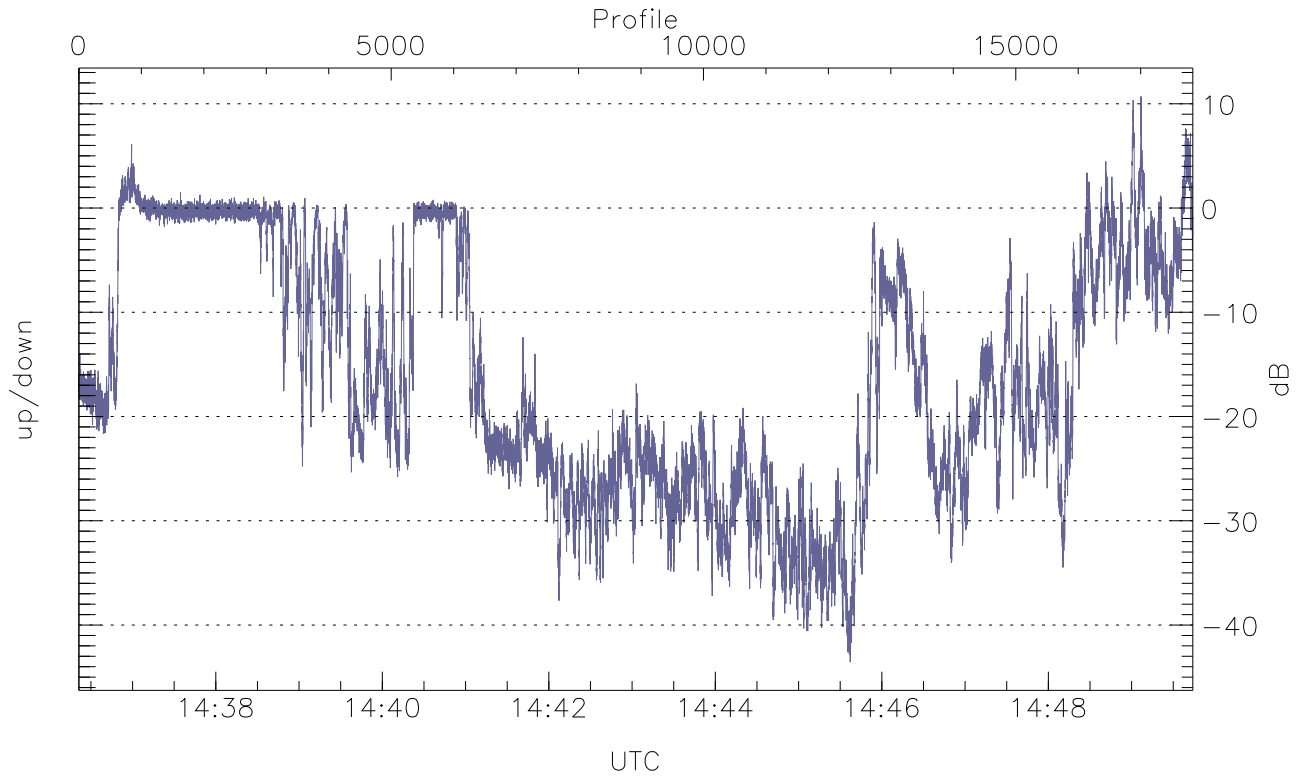


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



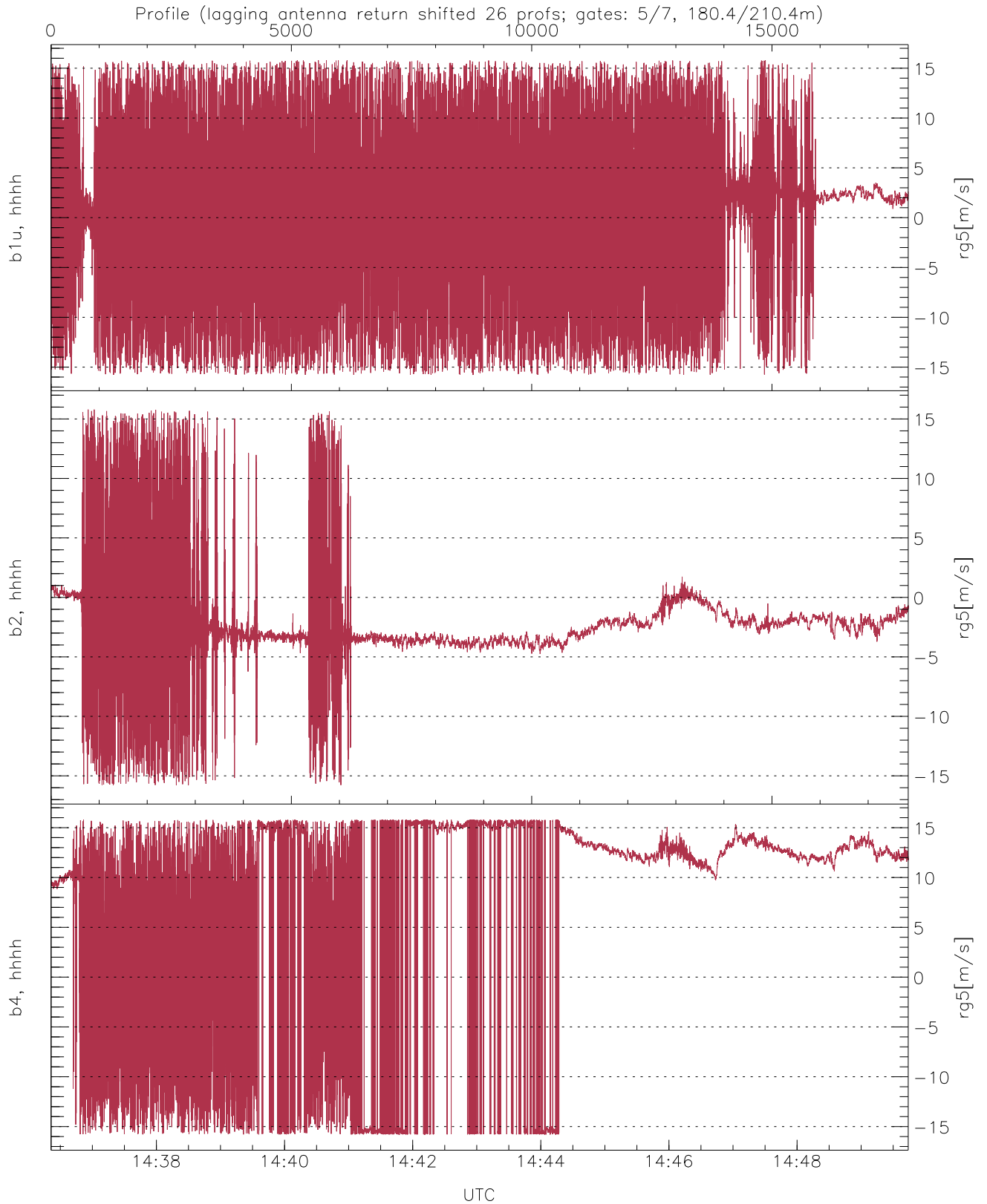
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.34	-32.39	-51.90
down(hh[dBm])	-66.04	-21.13	-38.00
down-fore(hh[dBm])	-65.79	-26.47	-42.27



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

	Min	Max	Mean
up/down (dB)	-43.55	10.71	-15.67
down/down-fore (dB)	-18.30	24.50	3.42



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.31	7.73
b2, hhhh(rg5[m/s])	-15.78	15.79	-2.07	3.81
b4, hhhh(rg5[m/s])	-15.79	15.79	7.03	10.53