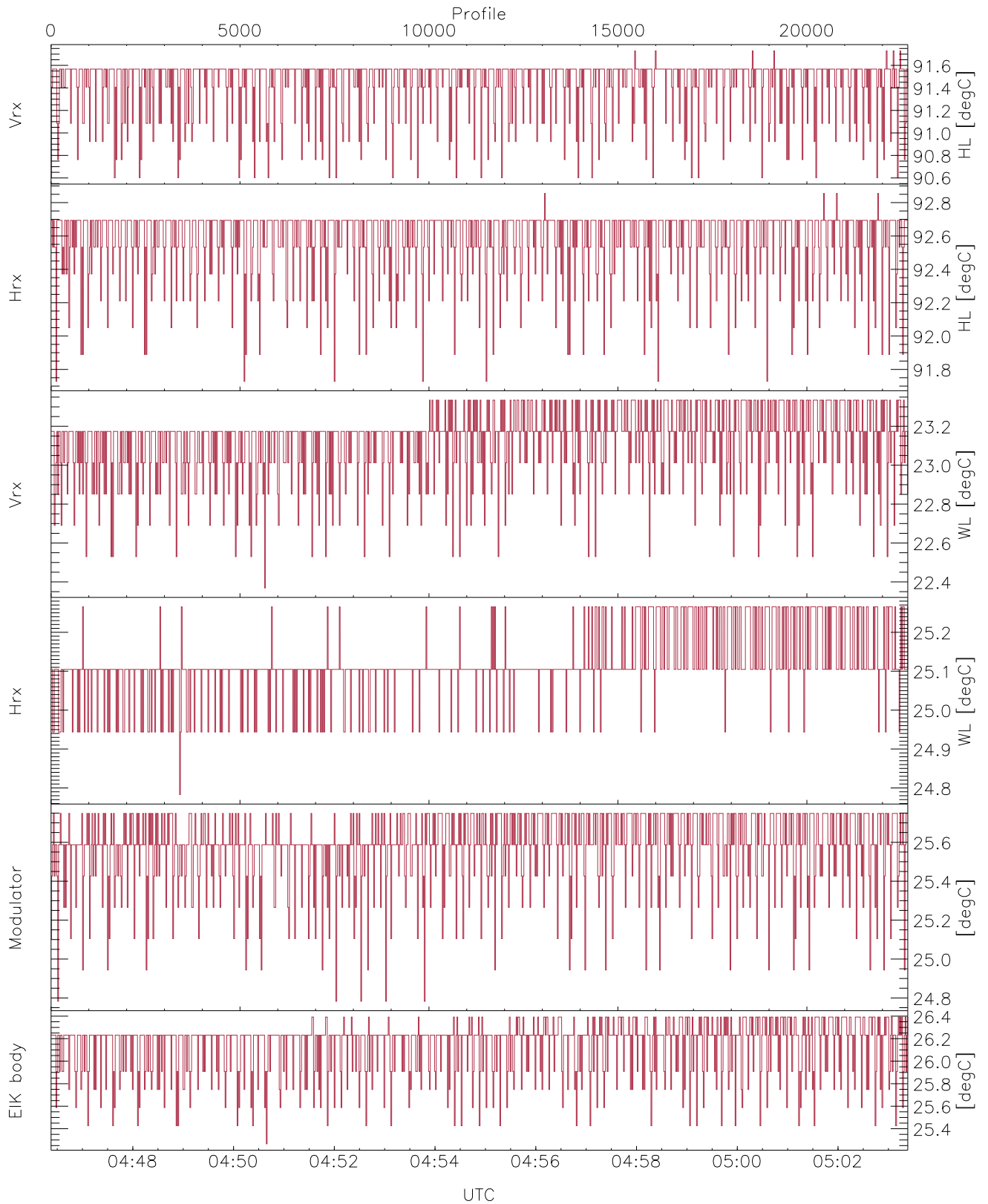


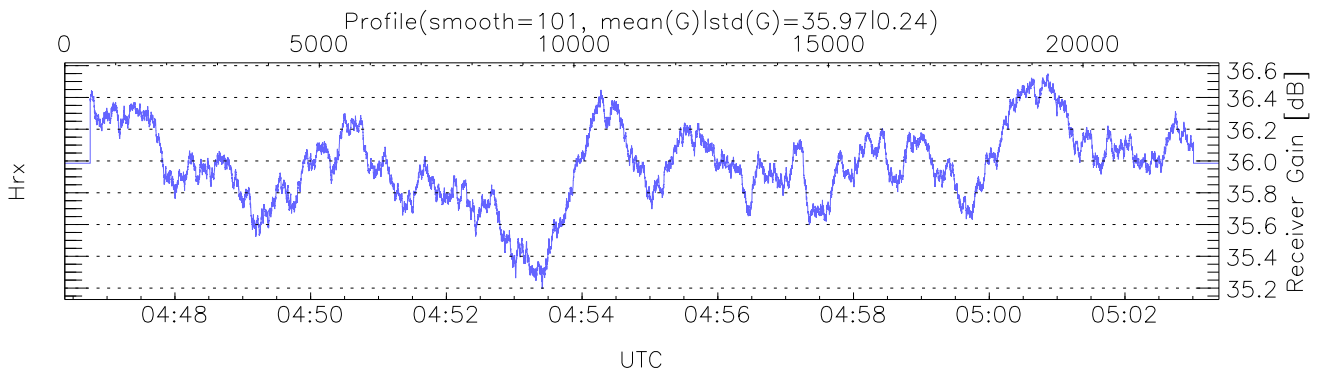
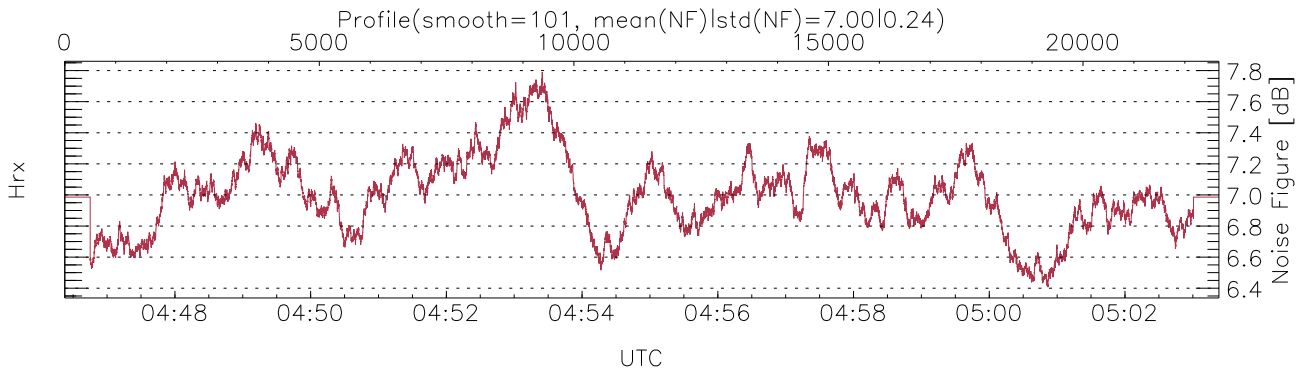
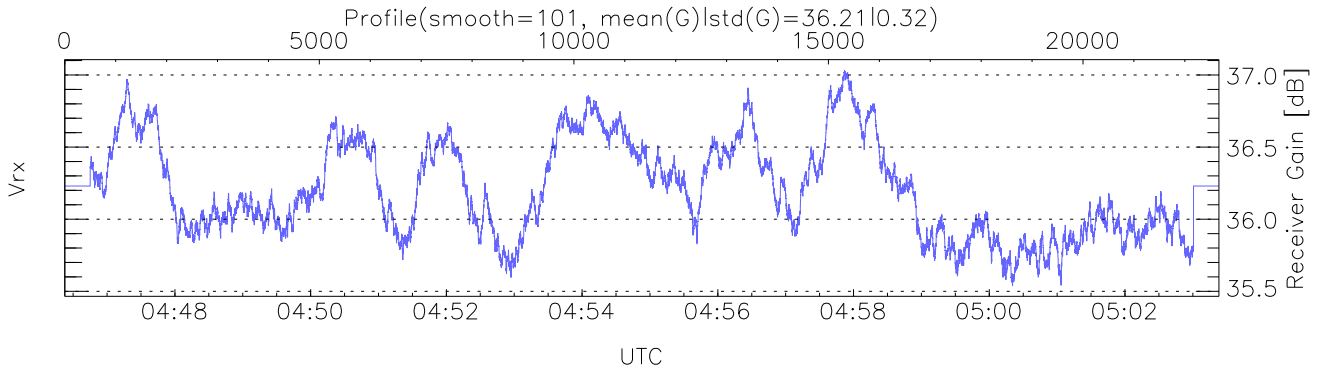
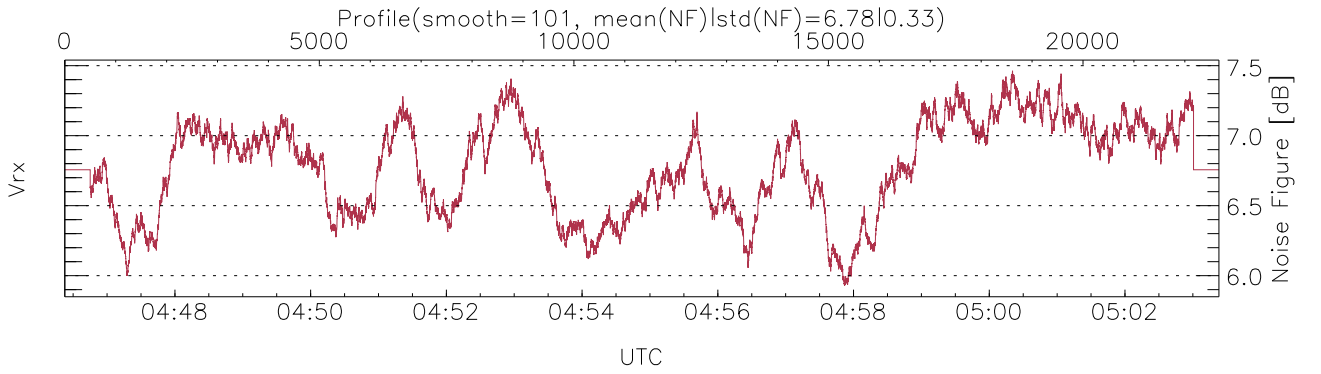
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:46:23-05:03:23, 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, 0-22671/04:46:23-05:03:23
 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|sidelup|error): 1



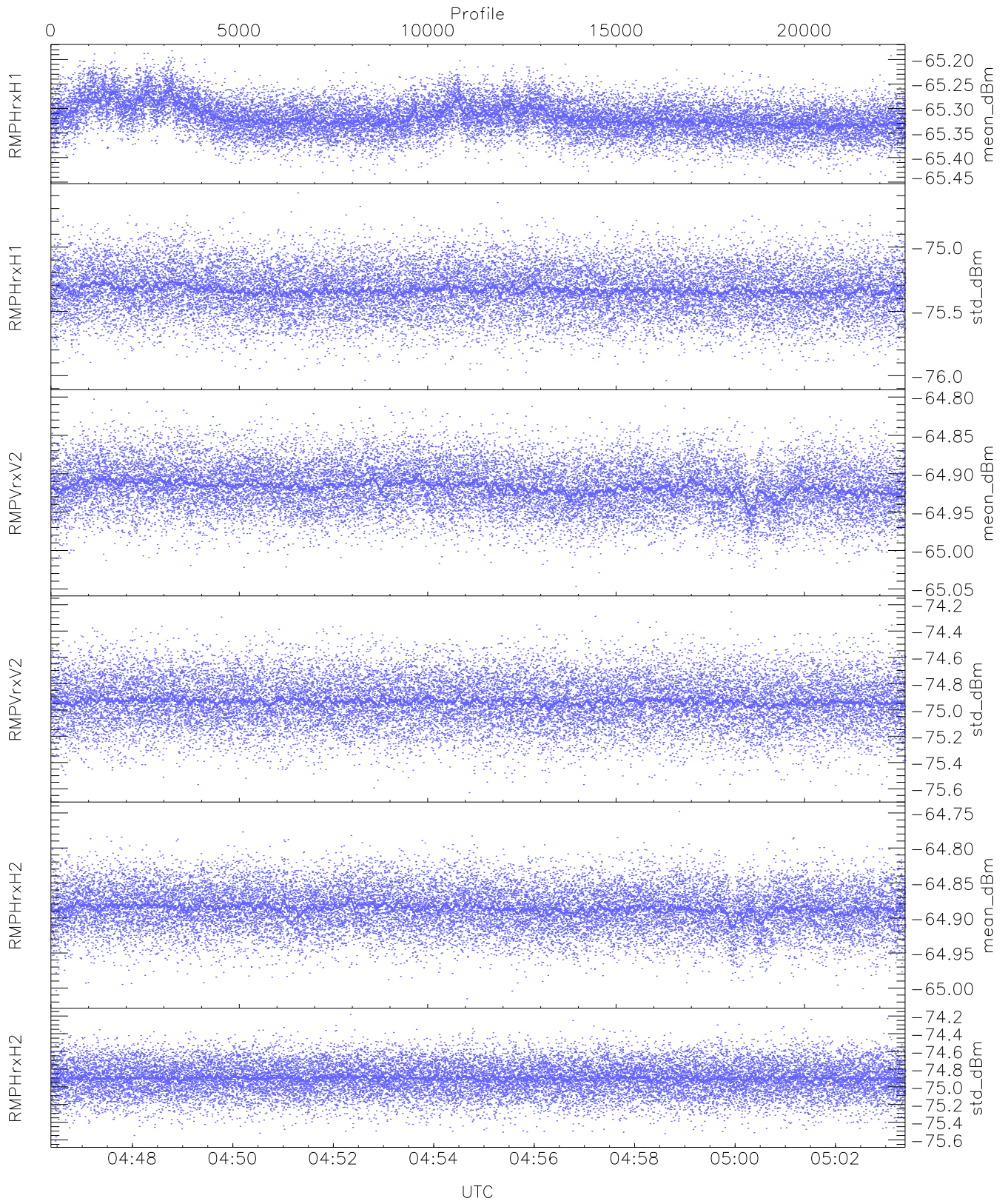
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



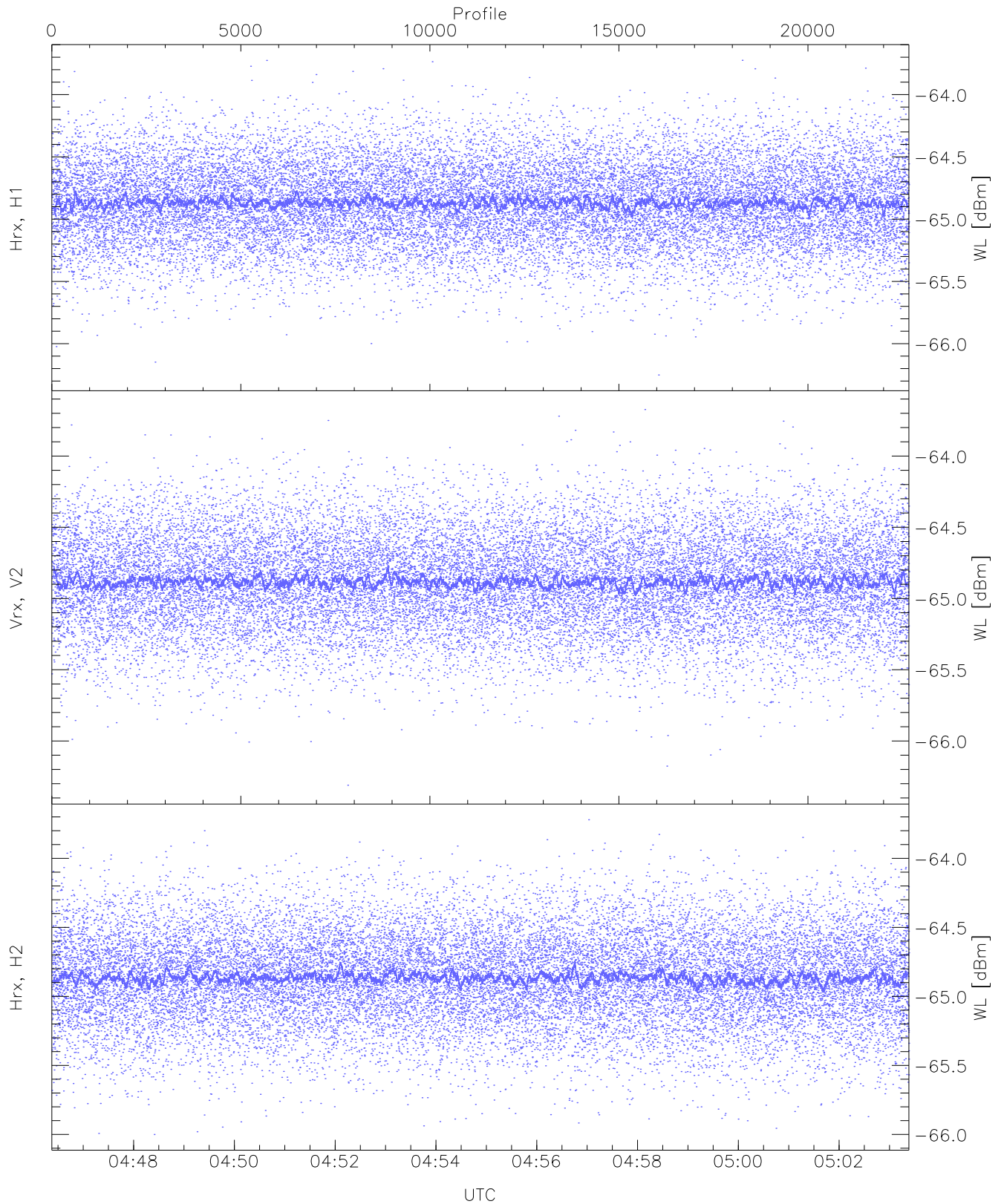
WCR3 CPP Receivers Gain and Noise Figure

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



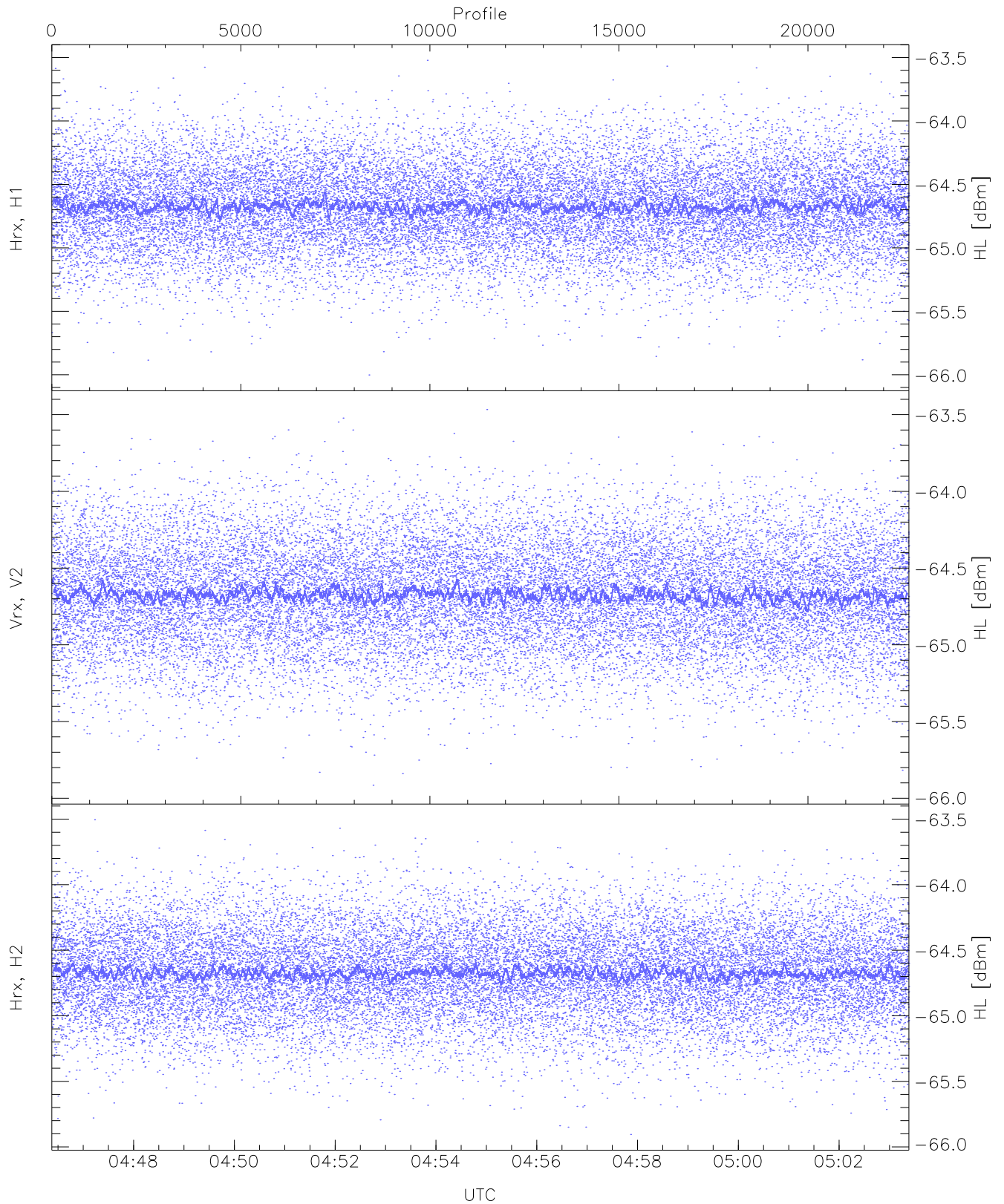
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.18	-65.32	-65.32	-86.27
RMPHrxH1(std_dBm)	-76.04	-74.58	-75.33	-75.34	-89.11
RMPVrxV2(mean_dBm)	-65.05	-64.80	-64.92	-64.92	-86.44
RMPVrxV2(std_dBm)	-75.63	-74.20	-74.93	-74.94	-88.73
RMPHrxH2(mean_dBm)	-65.02	-64.75	-64.89	-64.89	-86.40
RMPHrxH2(std_dBm)	-75.61	-74.18	-74.90	-74.90	-88.71



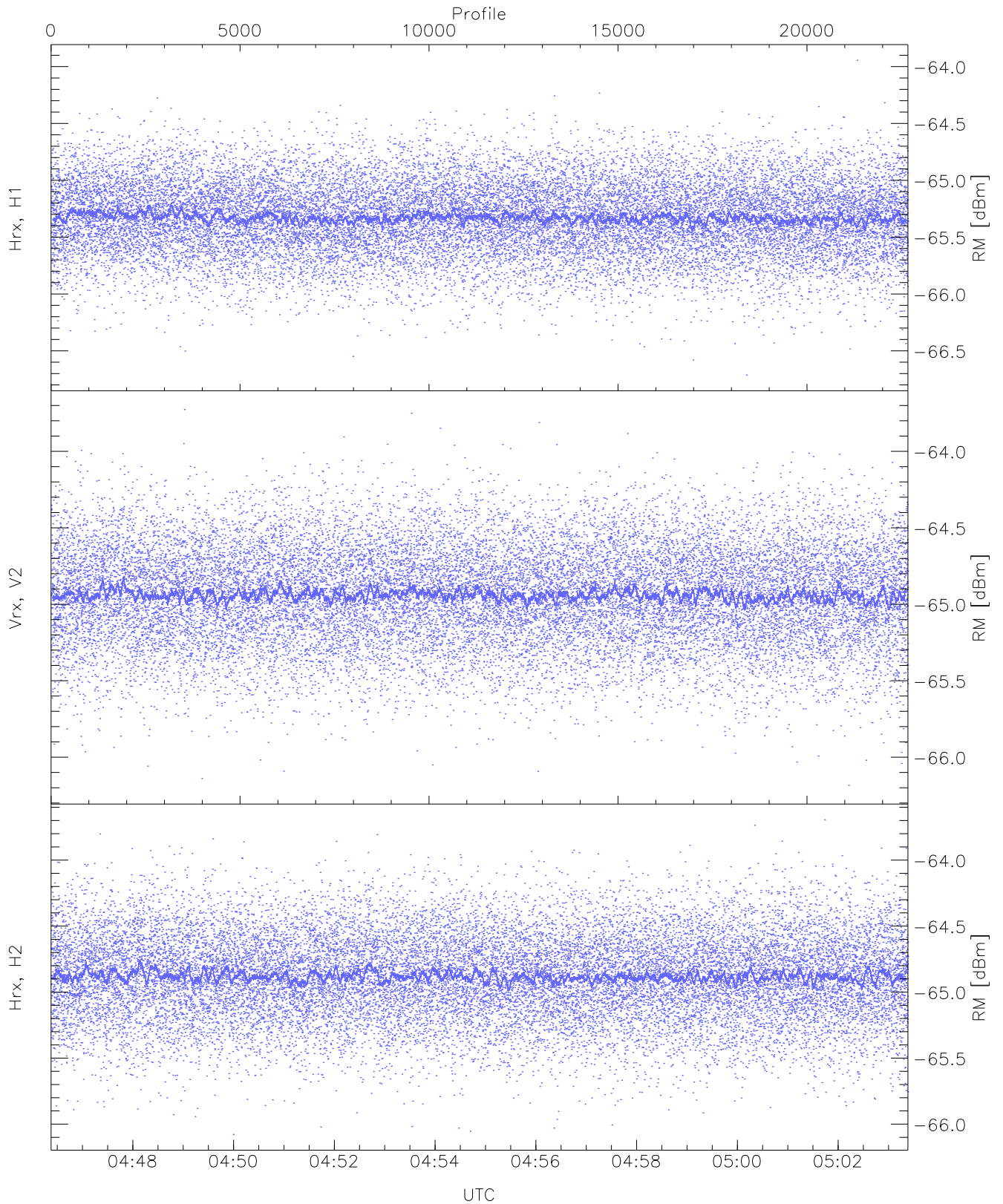
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.25	-63.72	-64.86	-64.87	-76.39
Vrx, V2 (WL [dBm])	-66.31	-63.67	-64.87	-64.88	-76.37
Hrx, H2 (WL [dBm])	-66.00	-63.72	-64.86	-64.87	-76.39



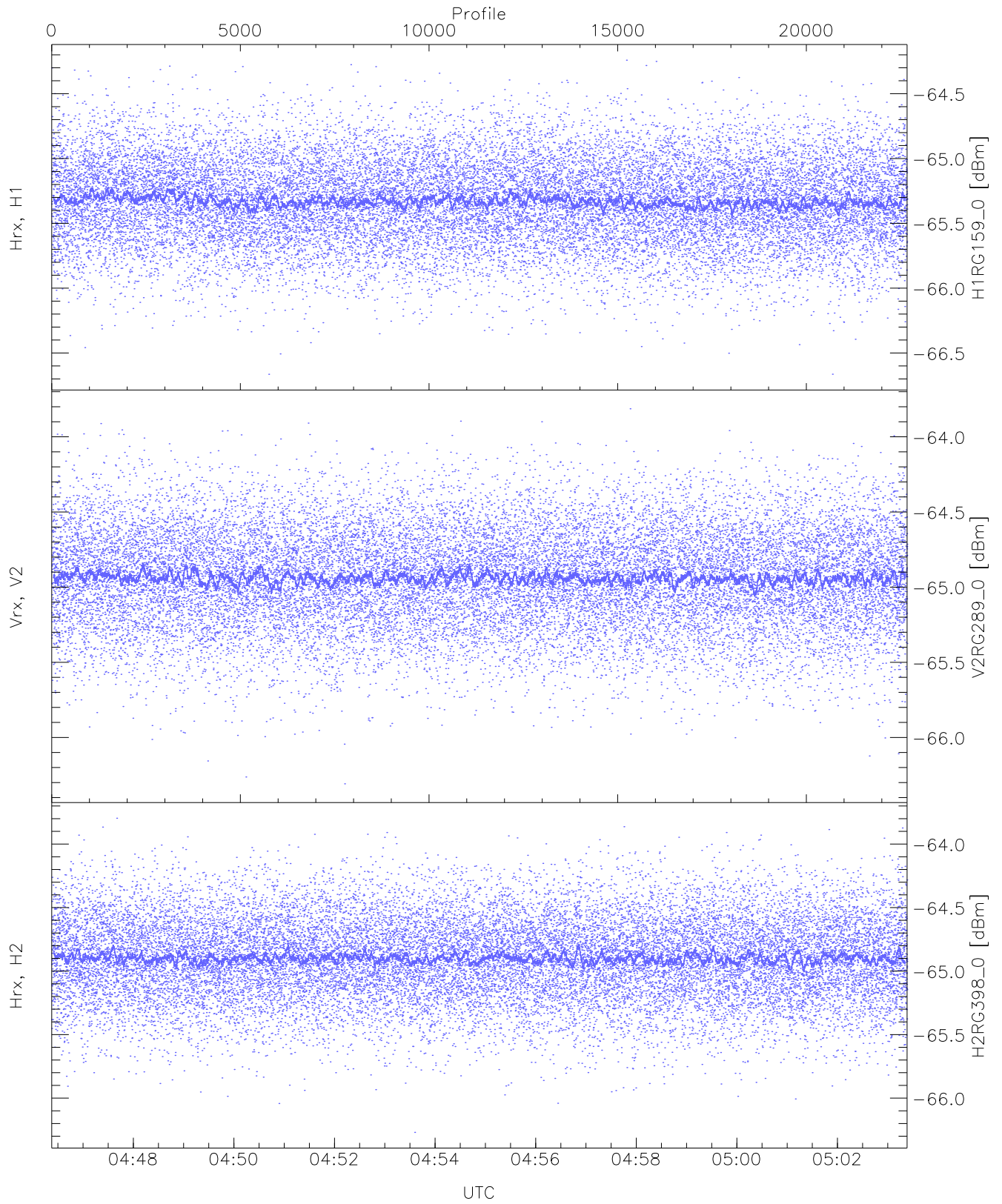
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.00	-63.52	-64.67	-64.68	-76.17
Vrx, V2 (HL [dBm])	-65.92	-63.47	-64.67	-64.68	-76.17
Hrx, H2 (HL [dBm])	-65.91	-63.50	-64.67	-64.68	-76.22



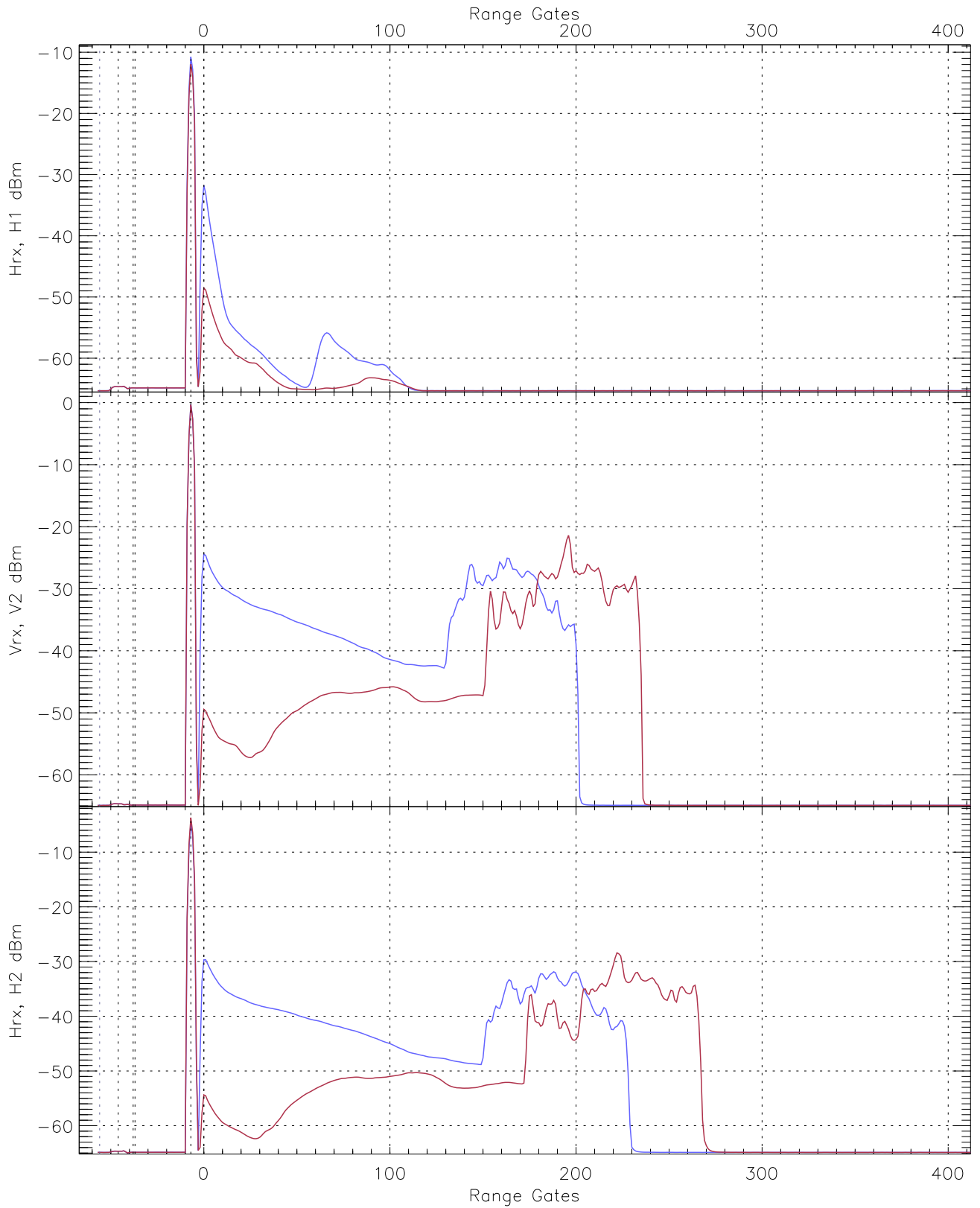
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.71	-63.94	-65.32	-65.33	-76.83
Vrx, V2 (RM [dBm])	-66.18	-63.73	-64.93	-64.94	-76.49
Hrx, H2 (RM [dBm])	-66.08	-63.69	-64.87	-64.88	-76.37

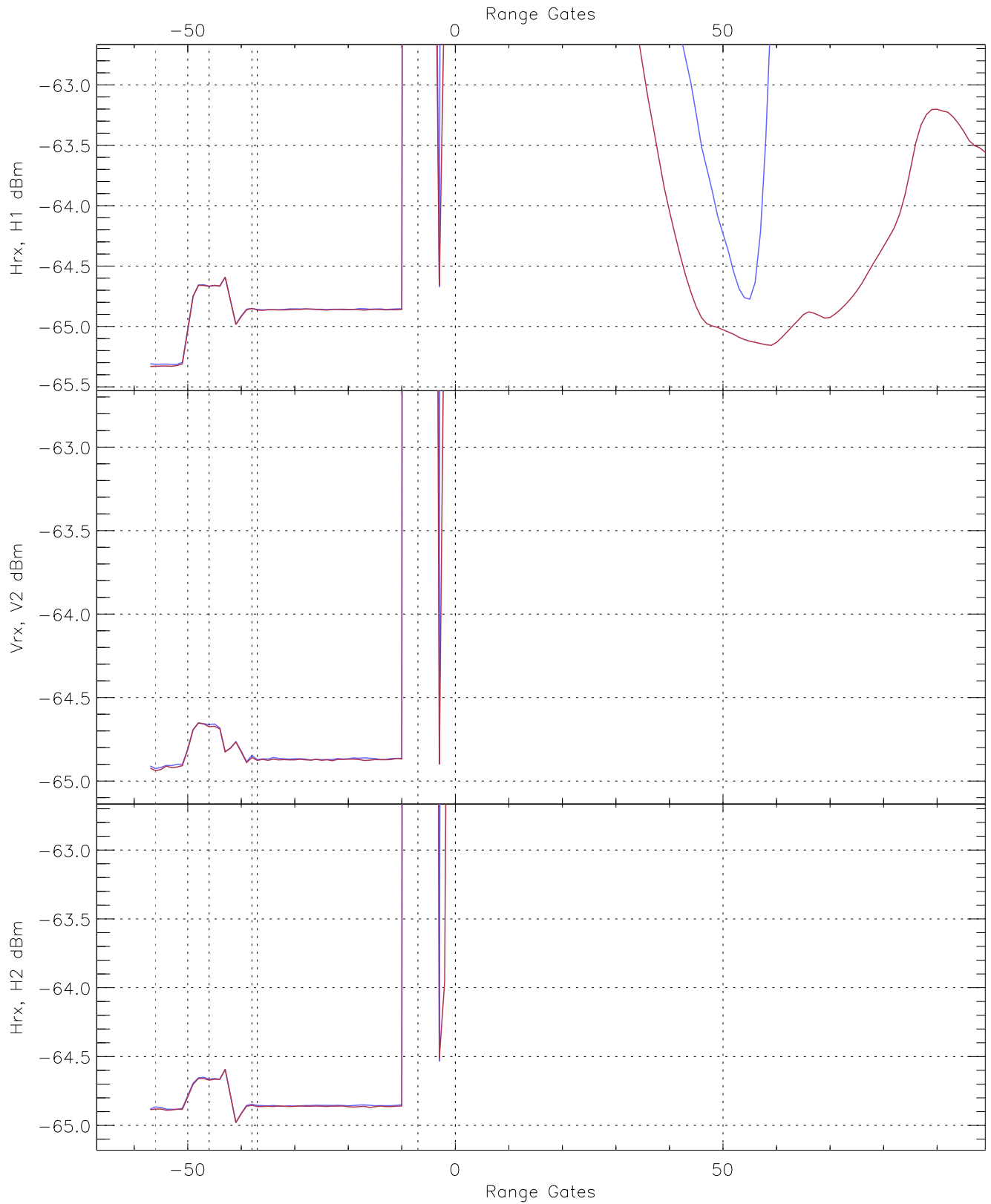


WCR3 CPP "Best" estimate Receivers Noise Power

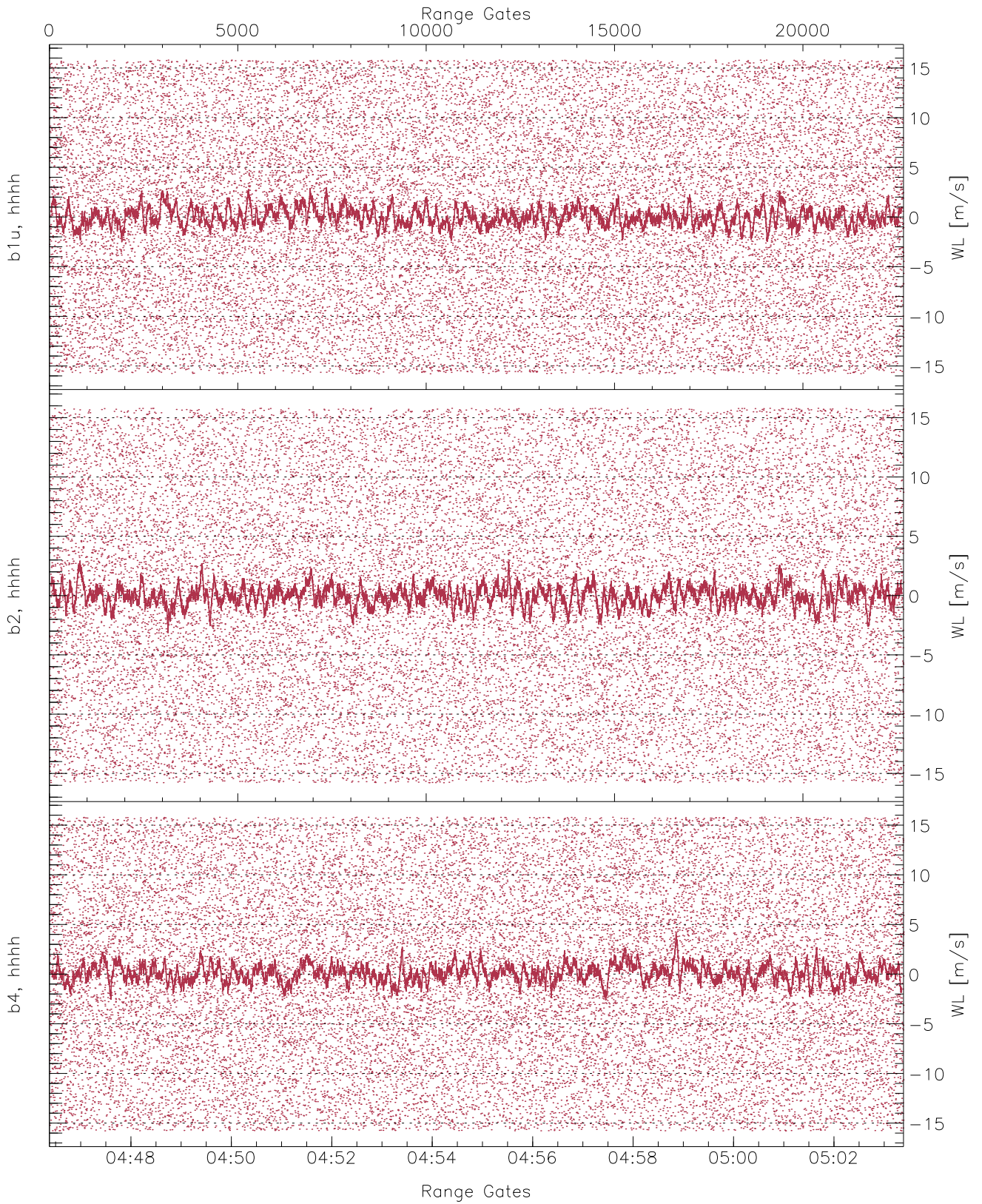
	Min	Max	Mean	Median	StDev
H1RG159_0 [dBm]	-66.66	-64.24	-65.32	-65.33	-76.79
V2RG289_0 [dBm]	-66.31	-63.81	-64.93	-64.94	-76.41
H2RG398_0 [dBm]	-66.27	-63.80	-64.89	-64.90	-76.39



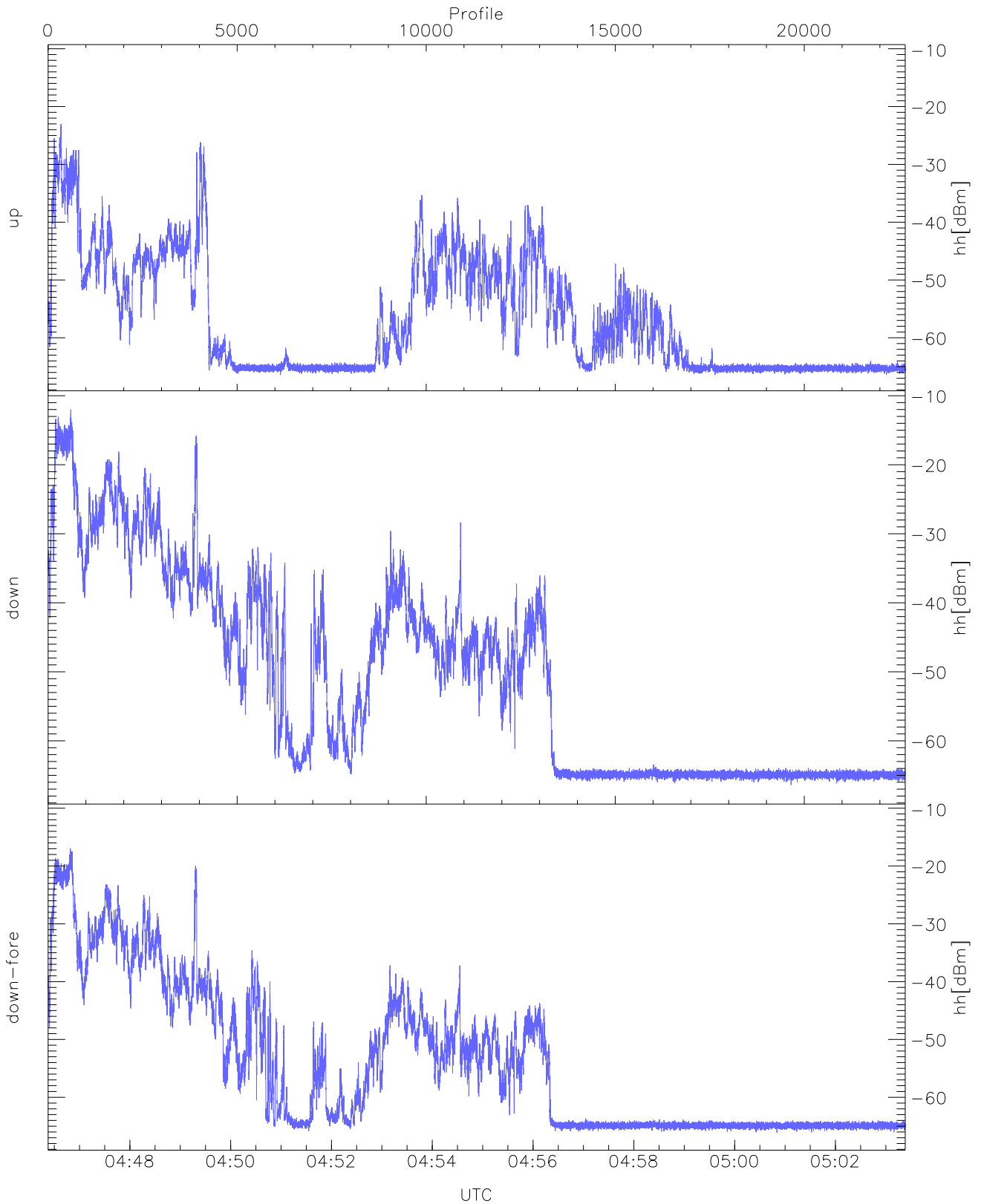
WCR3 CPP Averaged Received power for all recorded gates
blue: 044623-045453, 11337 profiles averaged
red: 045453-050323, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 044623-045453, 11337 profiles averaged
red: 045453-050323, 11336 profiles averaged

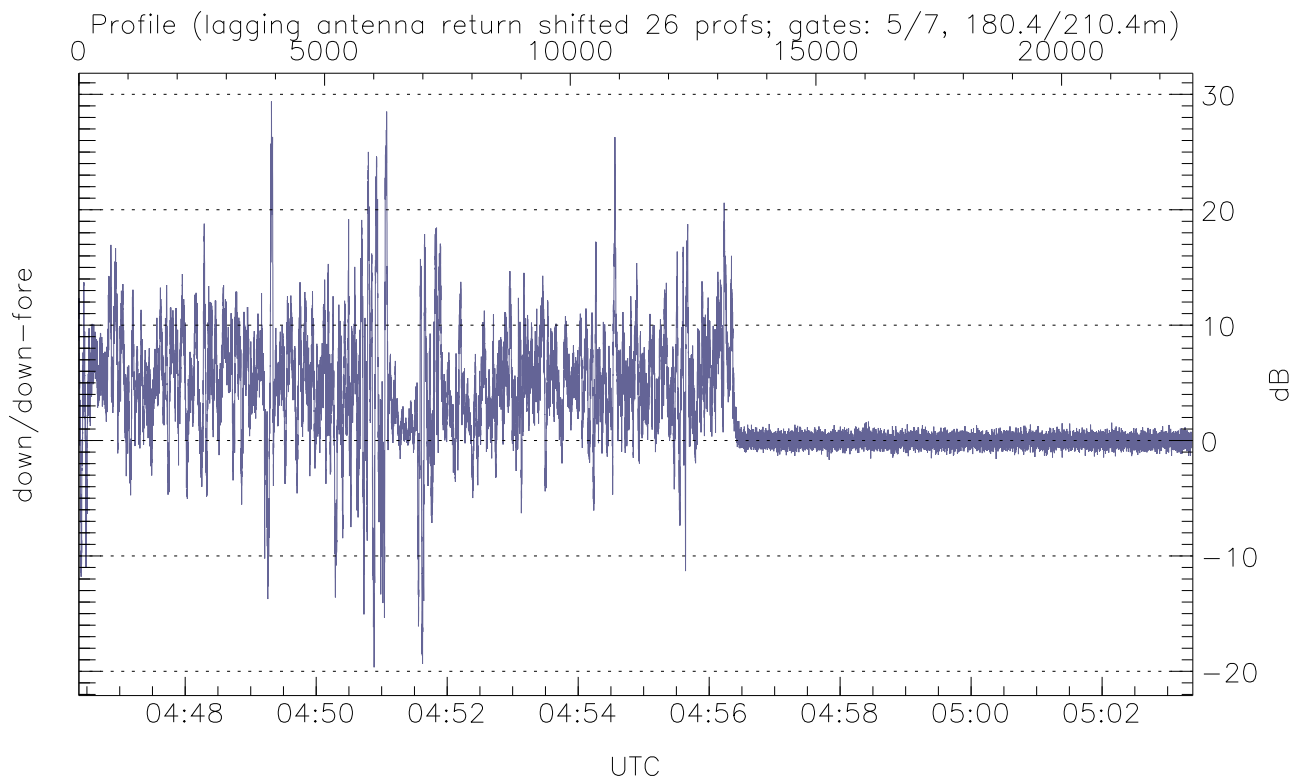
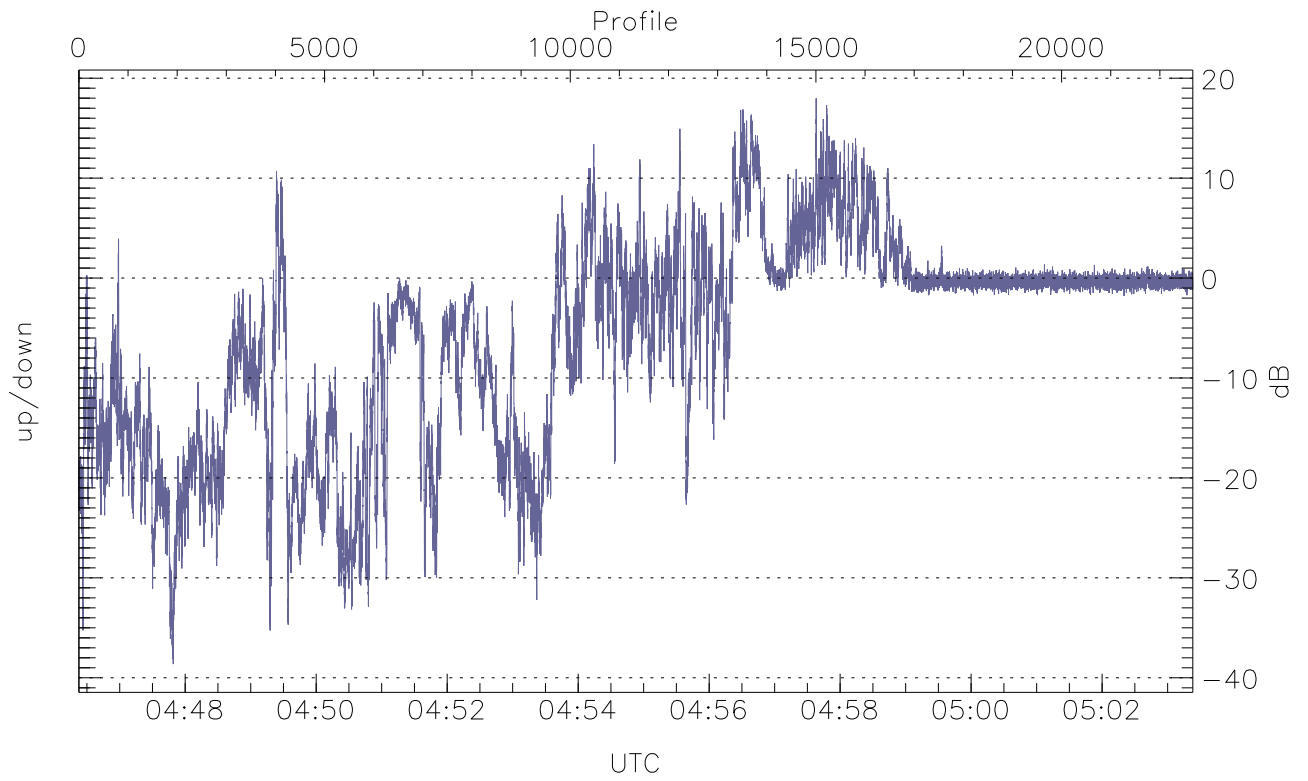


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



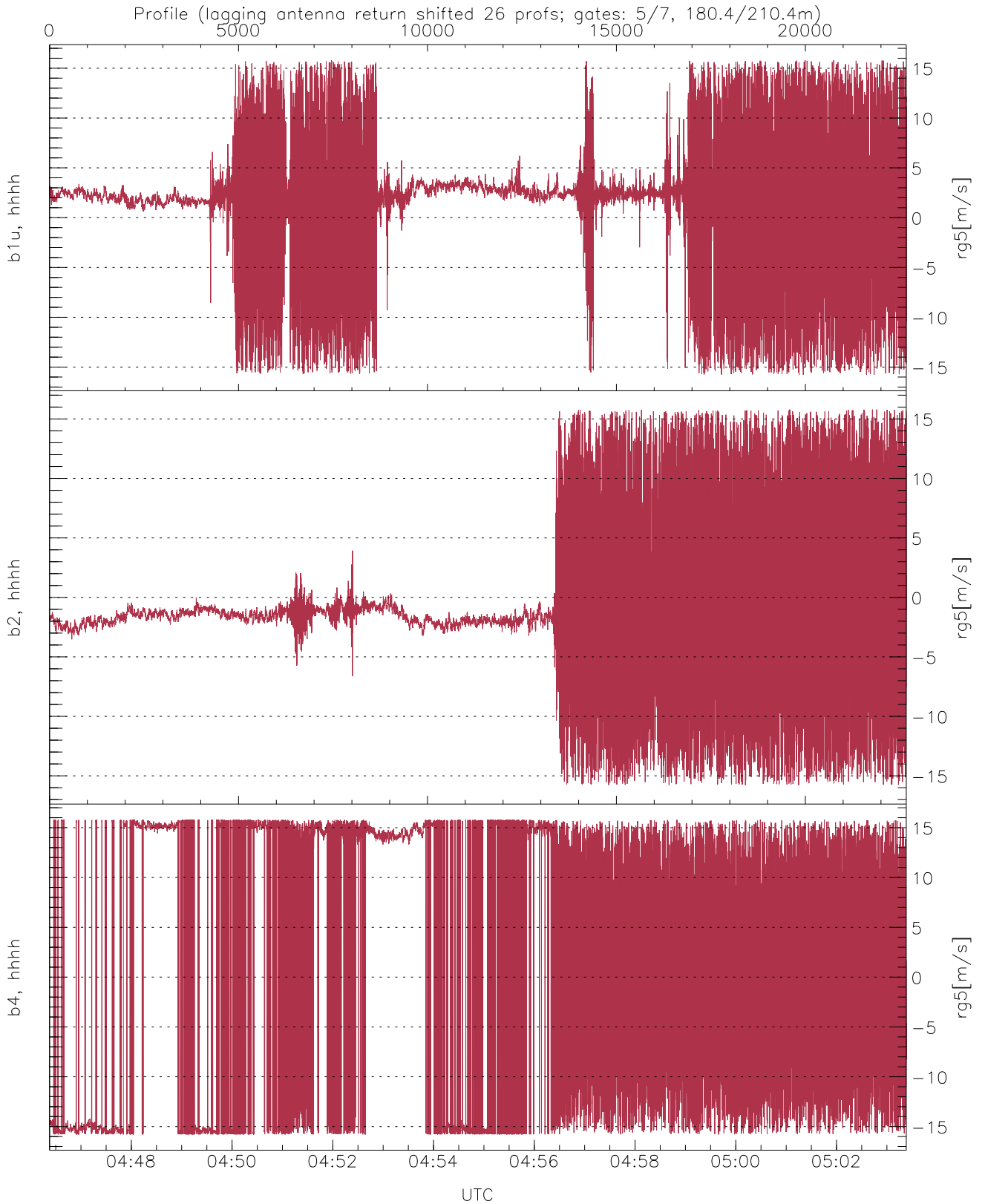
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.44	-23.02	-43.99
down(hh[dBm])	-66.40	-12.00	-30.59
down-fore(hh[dBm])	-66.10	-16.95	-35.42



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

	Min	Max	Mean
up/down (dB)	-38.63	17.99	-5.96
down/down-fore (dB)	-19.65	29.38	2.90



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	1.47	5.27
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.04	5.26
b4, hhhh(rg5[m/s])	-15.79	15.79	1.65	12.77