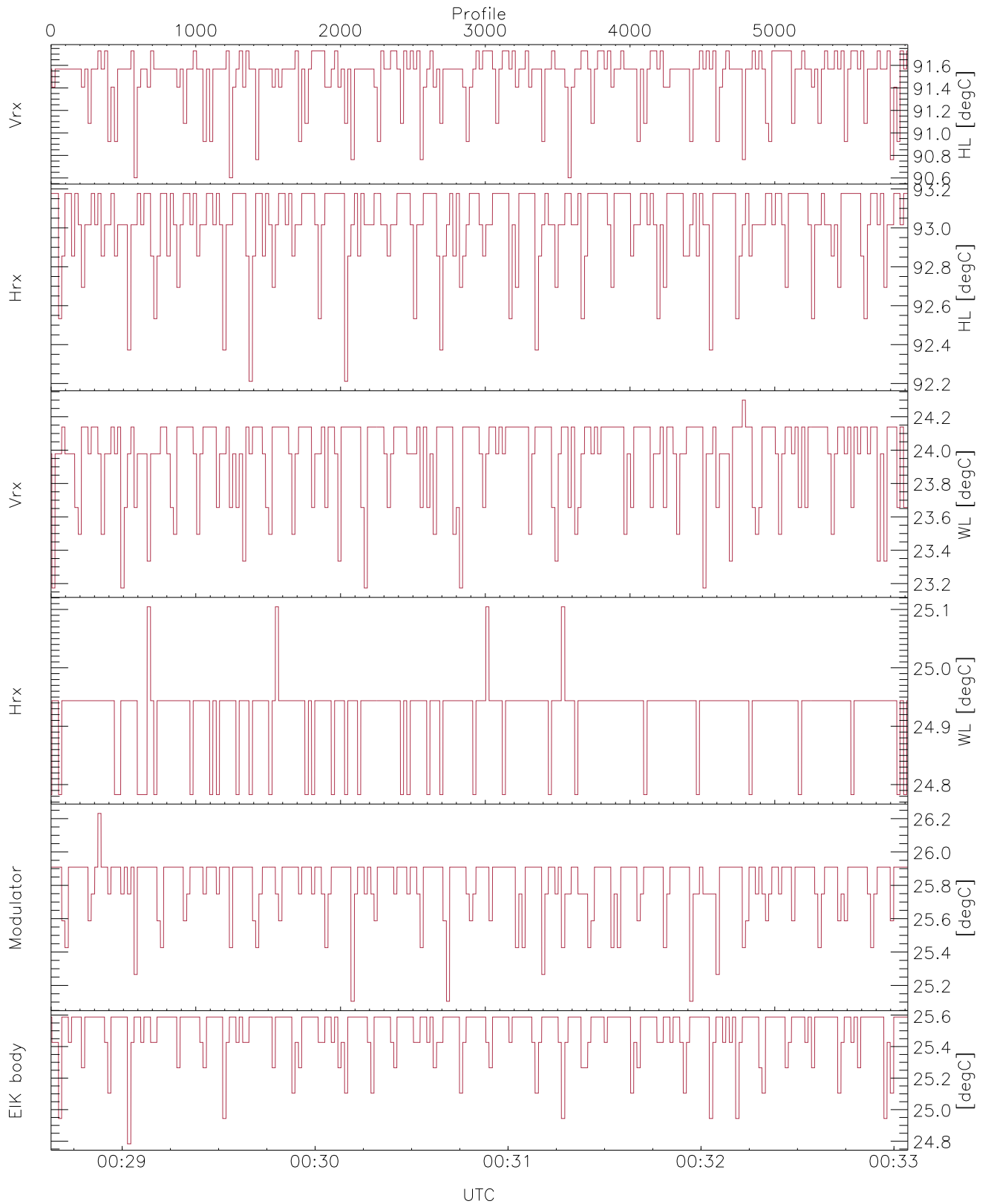


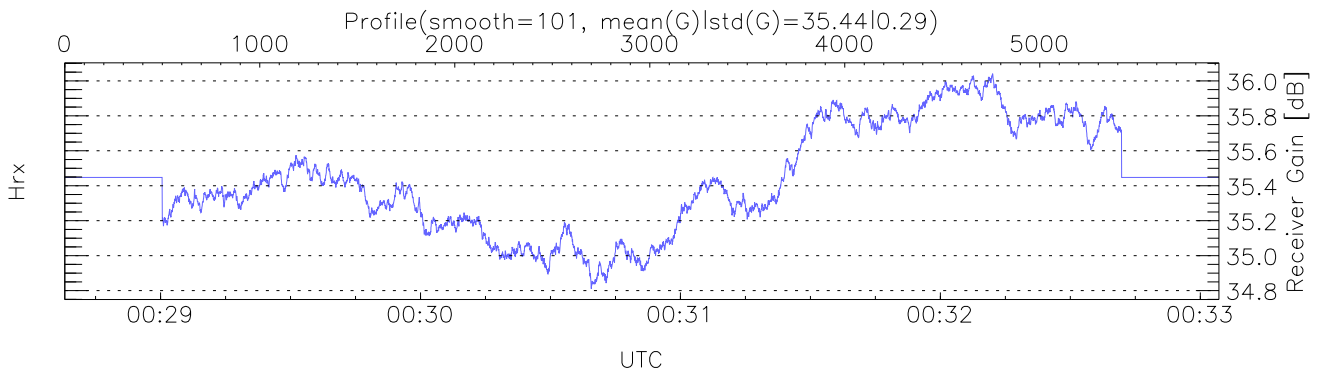
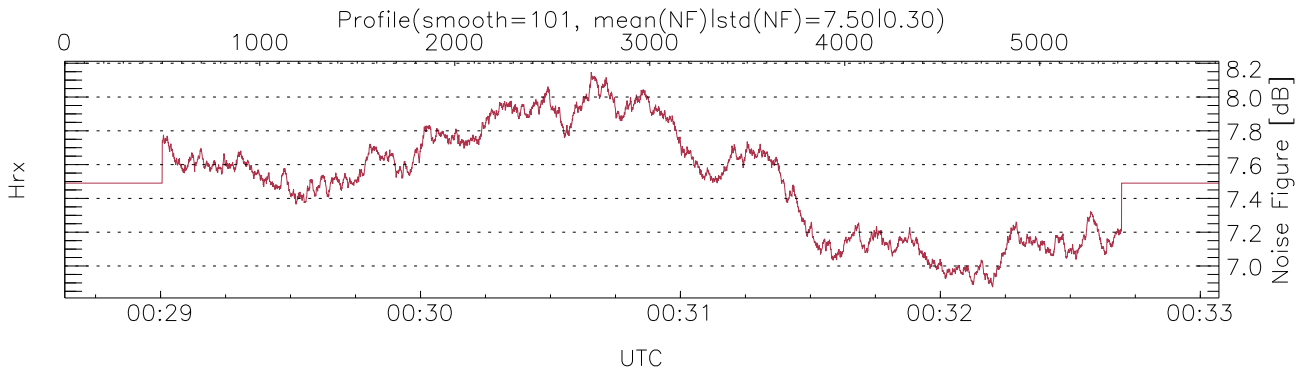
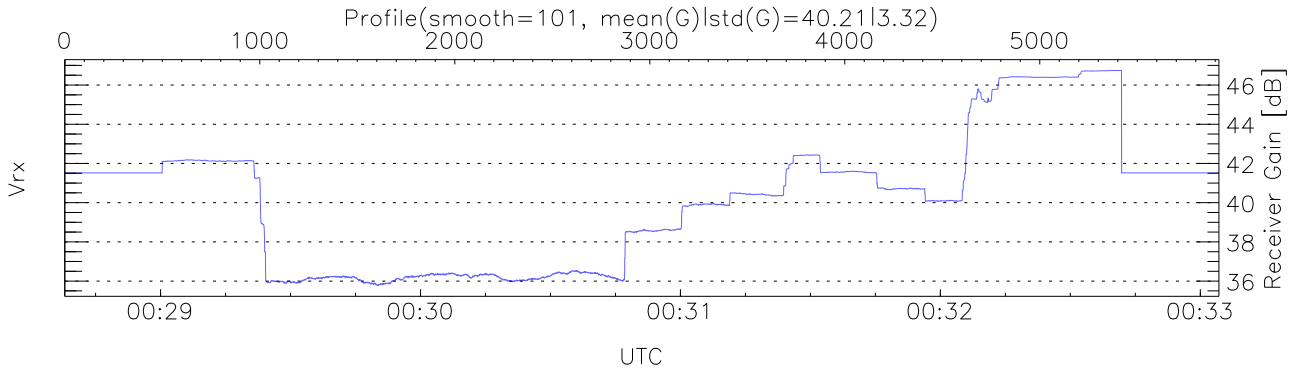
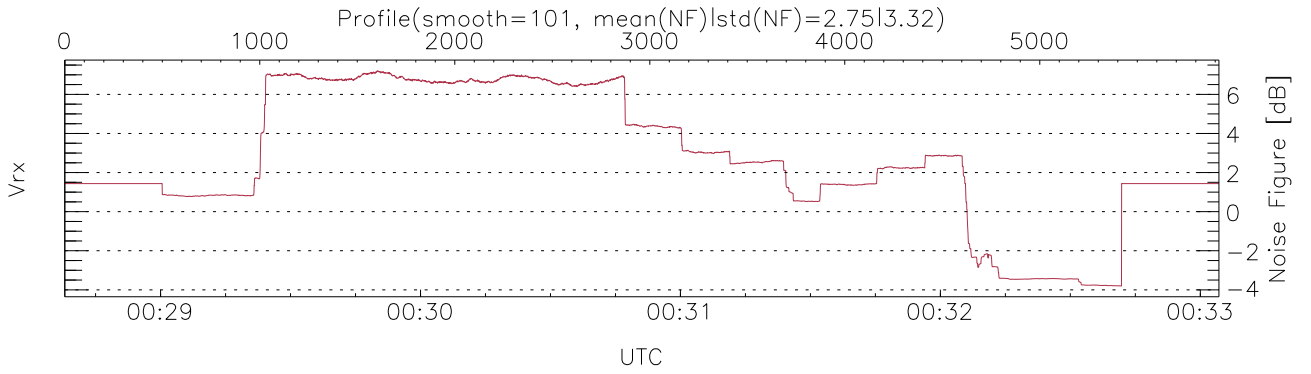
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:28:38-00:33:04, TimeCor: 0.00s, Dur: 266.42s
 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): 5920/5920, 0-5919/00:28:38-00:33:04
 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



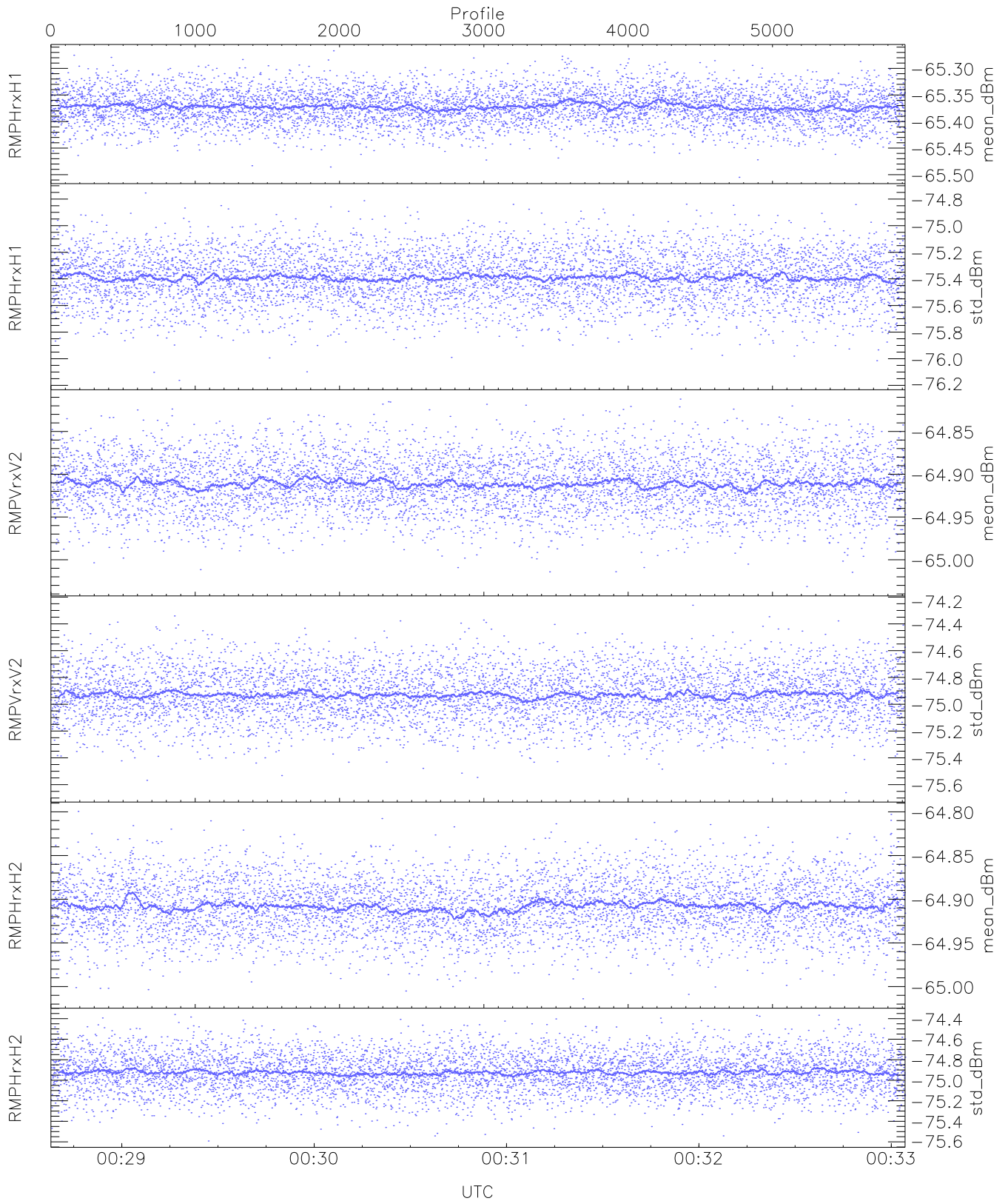
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,24,25,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,25,26,25
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



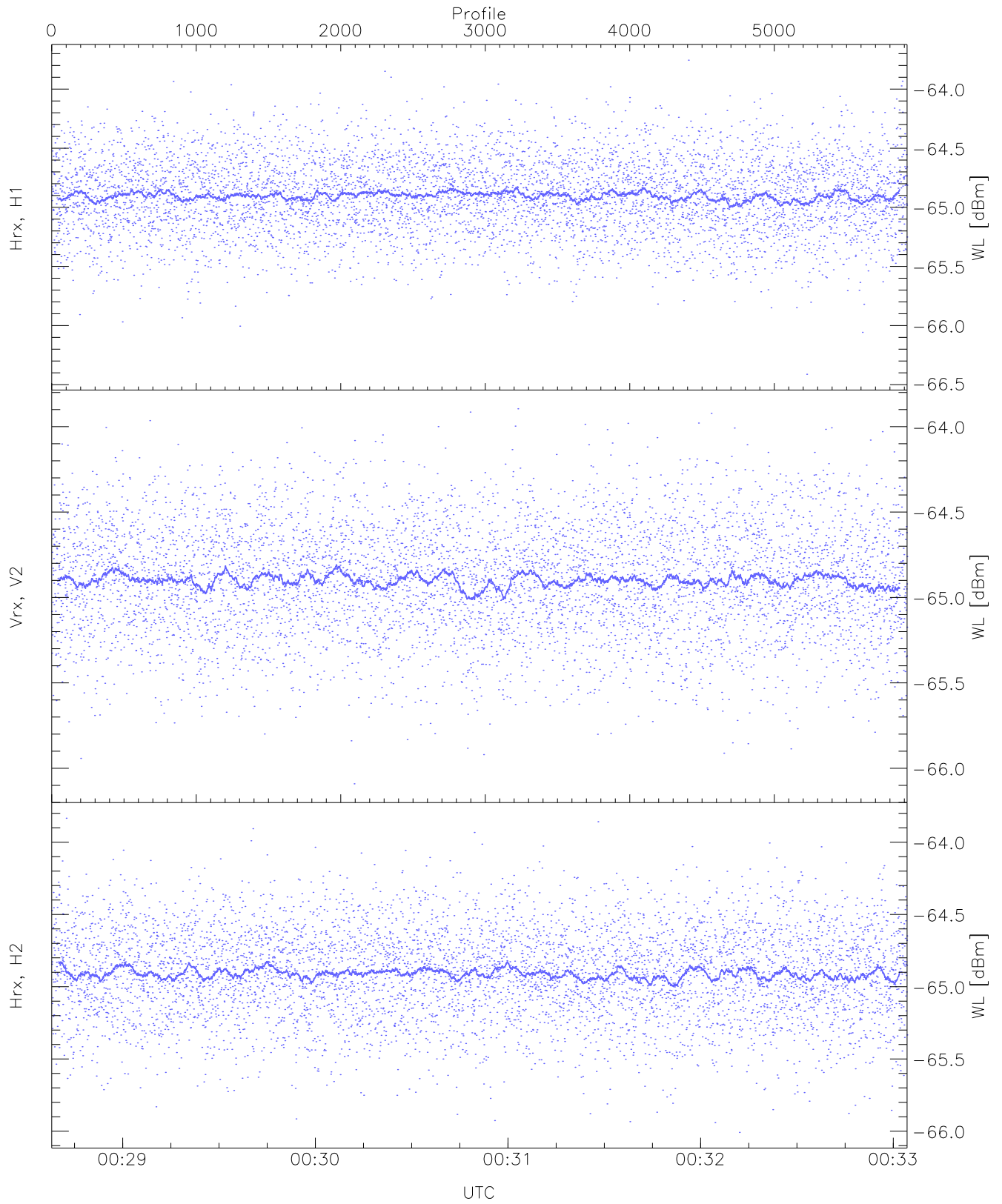
WCR3 CPP Receivers Gain and Noise Figure

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



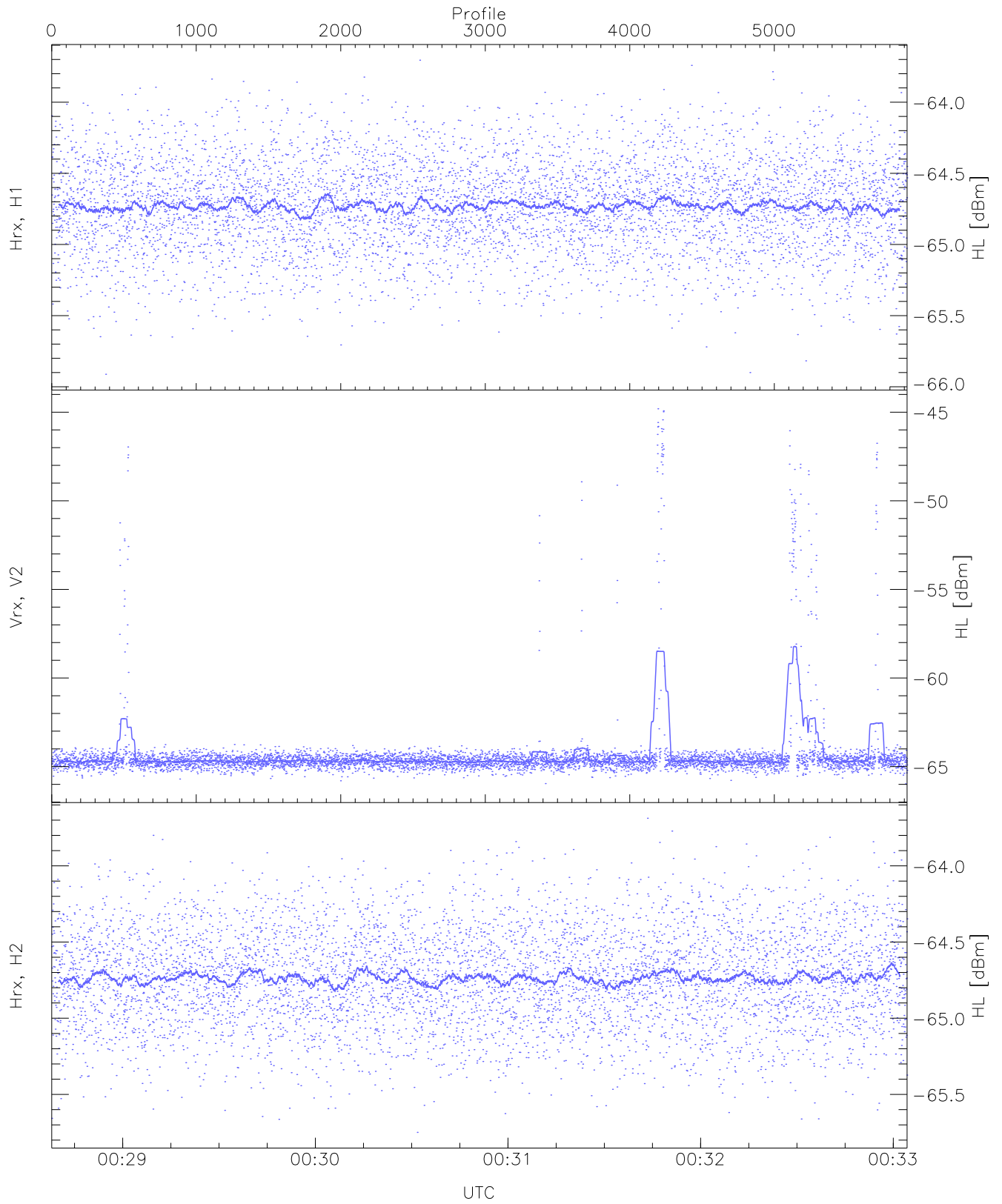
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.27	-65.37	-65.37	-86.91
RMPHrxH1(std_dBm)	-76.16	-74.75	-75.39	-75.39	-89.16
RMPVrxV2(mean_dBm)	-65.03	-64.81	-64.91	-64.91	-86.47
RMPVrxV2(std_dBm)	-75.66	-74.26	-74.93	-74.93	-88.79
RMPHrxH2(mean_dBm)	-65.01	-64.80	-64.91	-64.91	-86.52
RMPHrxH2(std_dBm)	-75.59	-74.36	-74.92	-74.93	-88.81



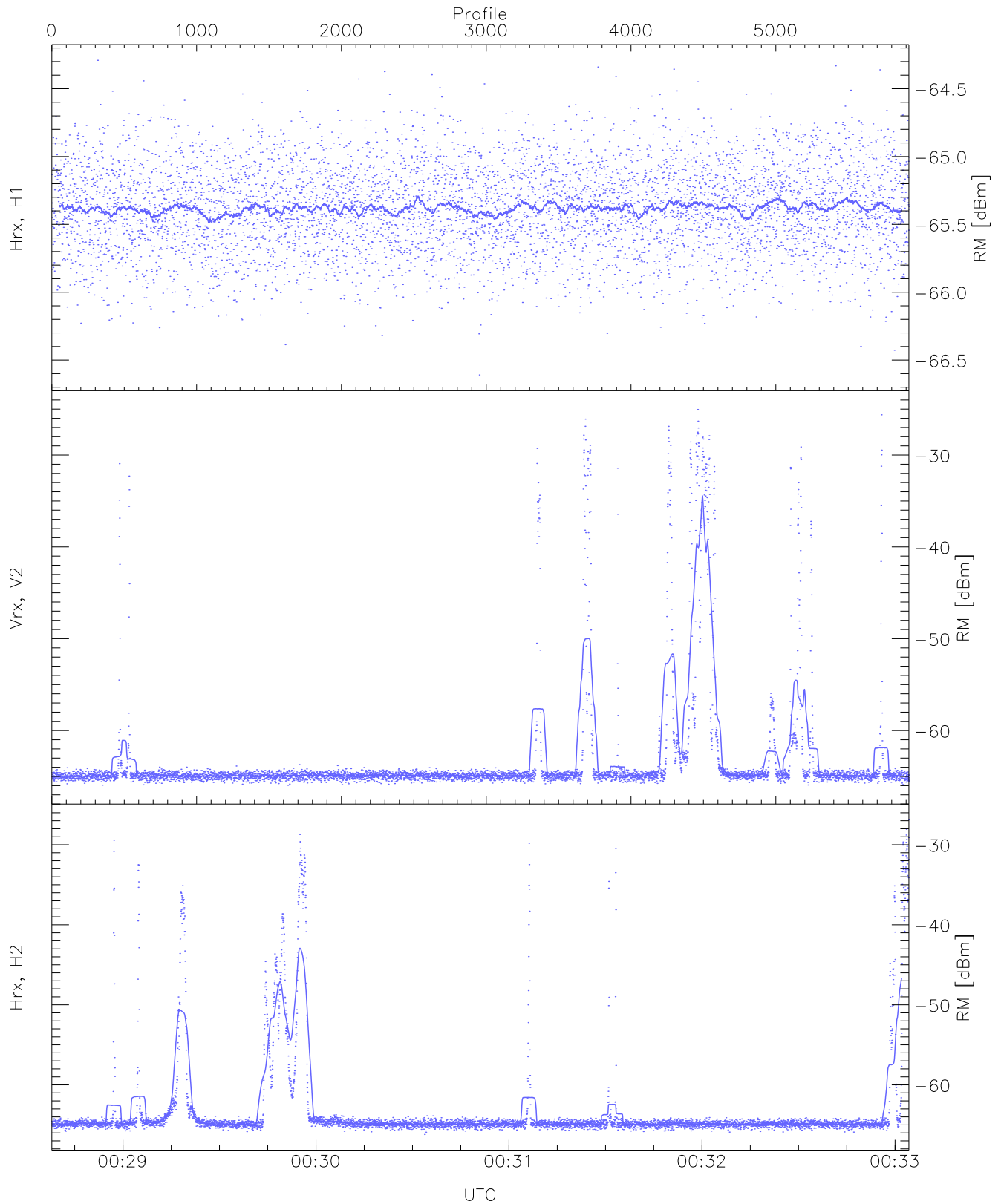
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.41	-63.76	-64.89	-64.90	-76.41
Vrx, V2 (WL [dBm])	-66.09	-63.90	-64.89	-64.90	-76.39
Hrx, H2 (WL [dBm])	-66.01	-63.83	-64.90	-64.90	-76.49



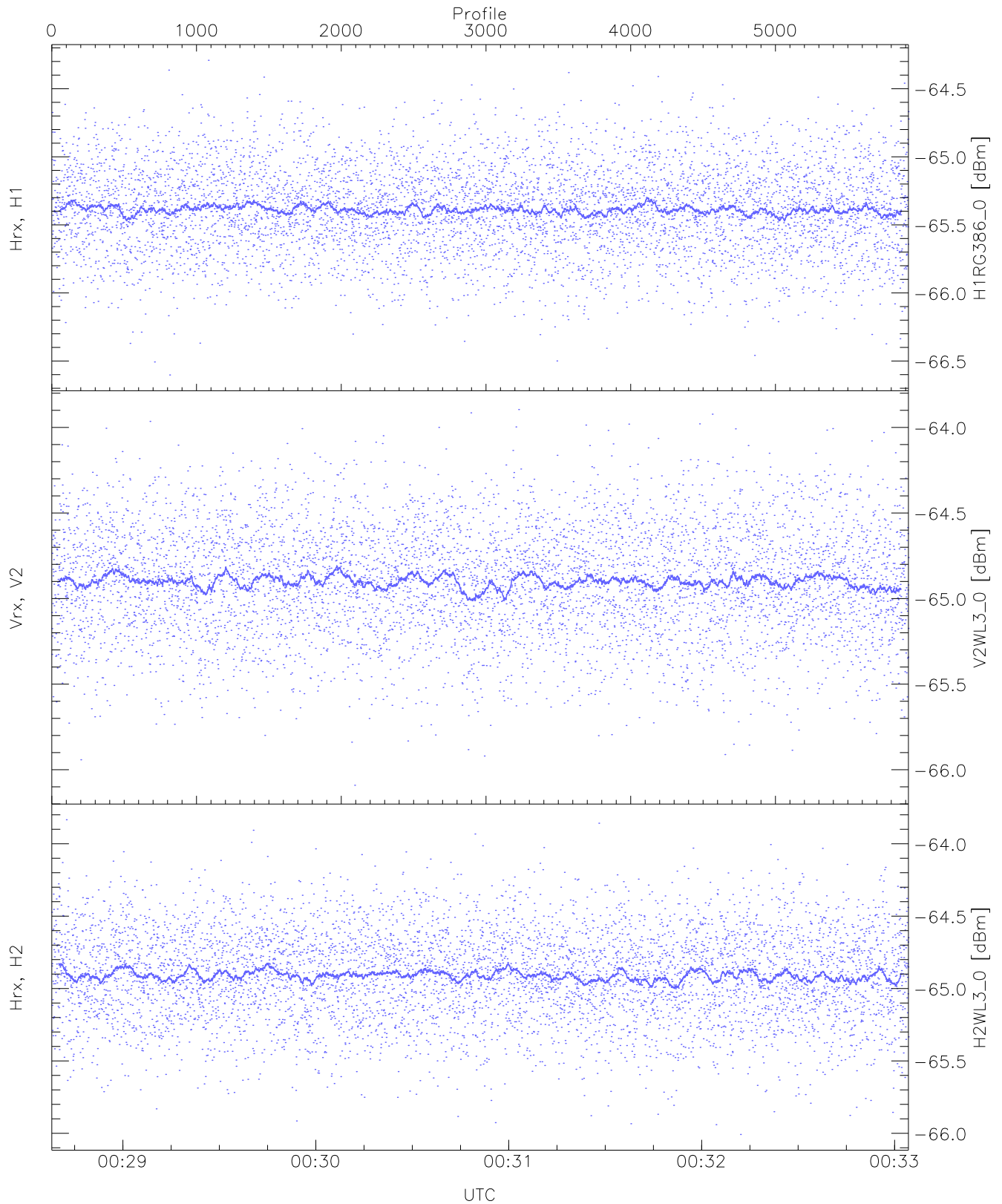
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.91	-63.71	-64.72	-64.73	-76.26
Vrx, V2 (HL [dBm])	-65.97	-44.81	-62.34	-64.68	-57.14
Hrx, H2 (HL [dBm])	-65.75	-63.69	-64.73	-64.74	-76.30



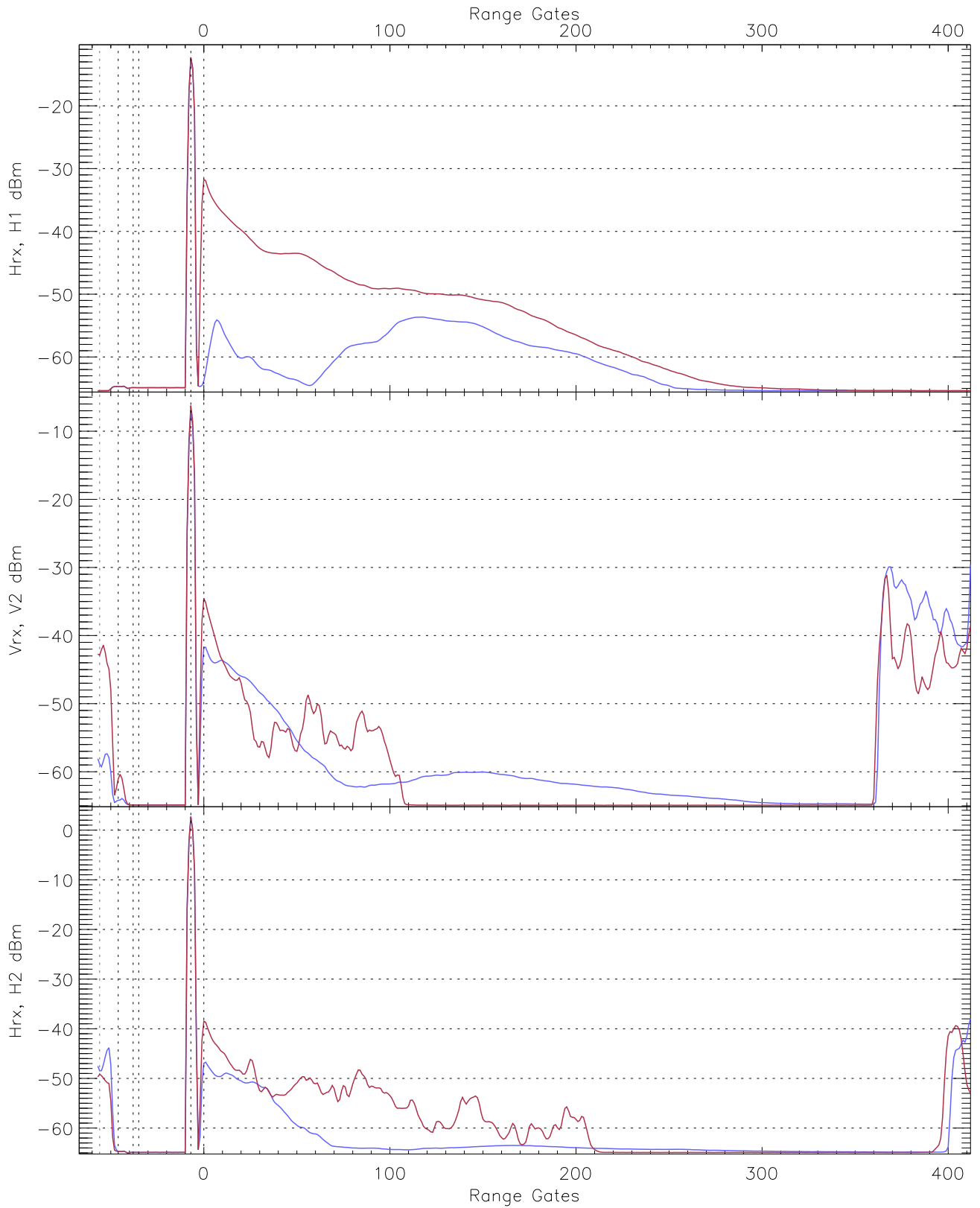
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.61	-64.29	-65.37	-65.38	-76.87
Vrx, V2 (RM [dBm])	-65.96	-25.04	-45.78	-64.85	-37.86
Hrx, H2 (RM [dBm])	-66.20	-26.88	-48.81	-64.80	-40.47

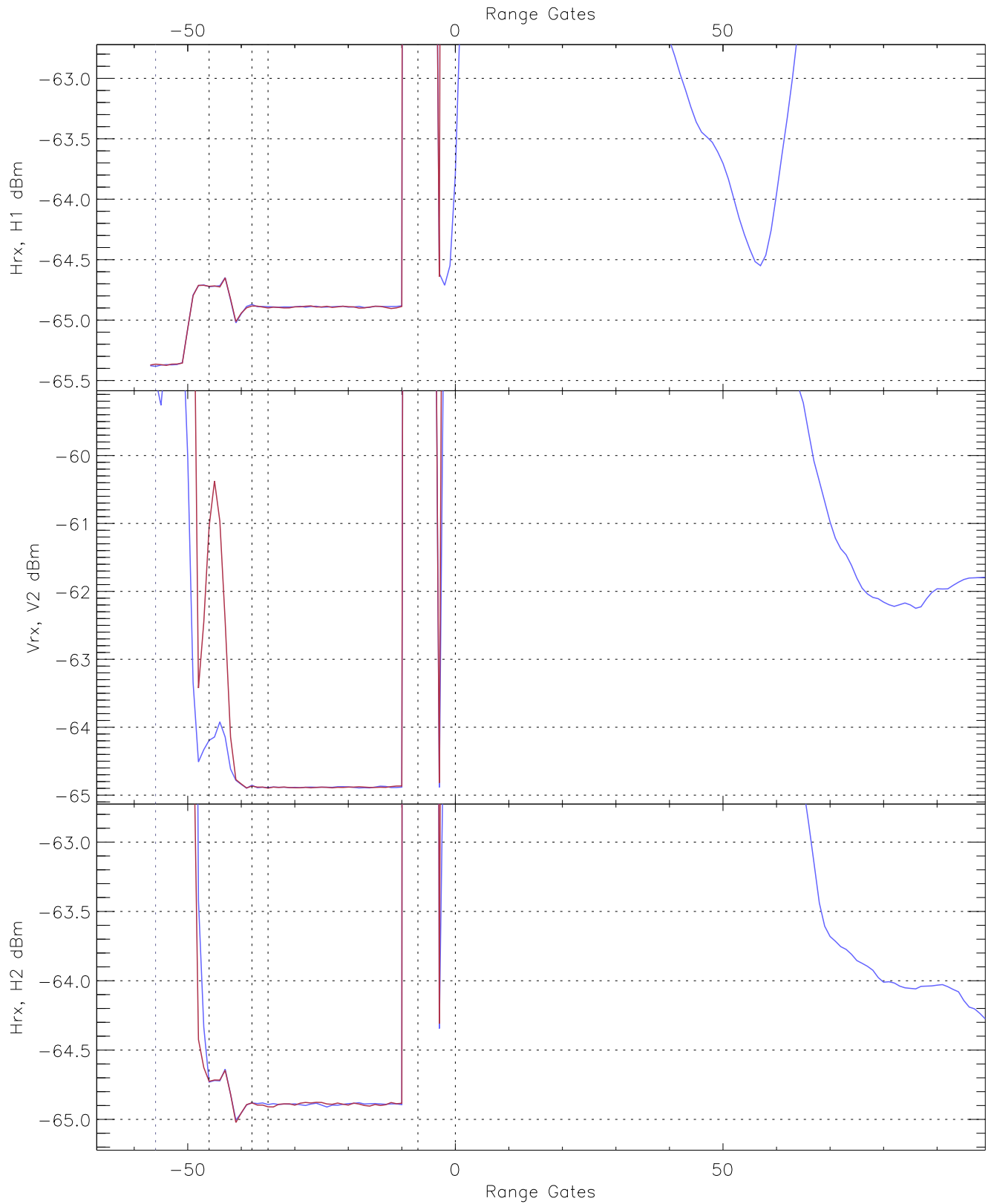


WCR3 CPP "Best" estimate Receivers Noise Power

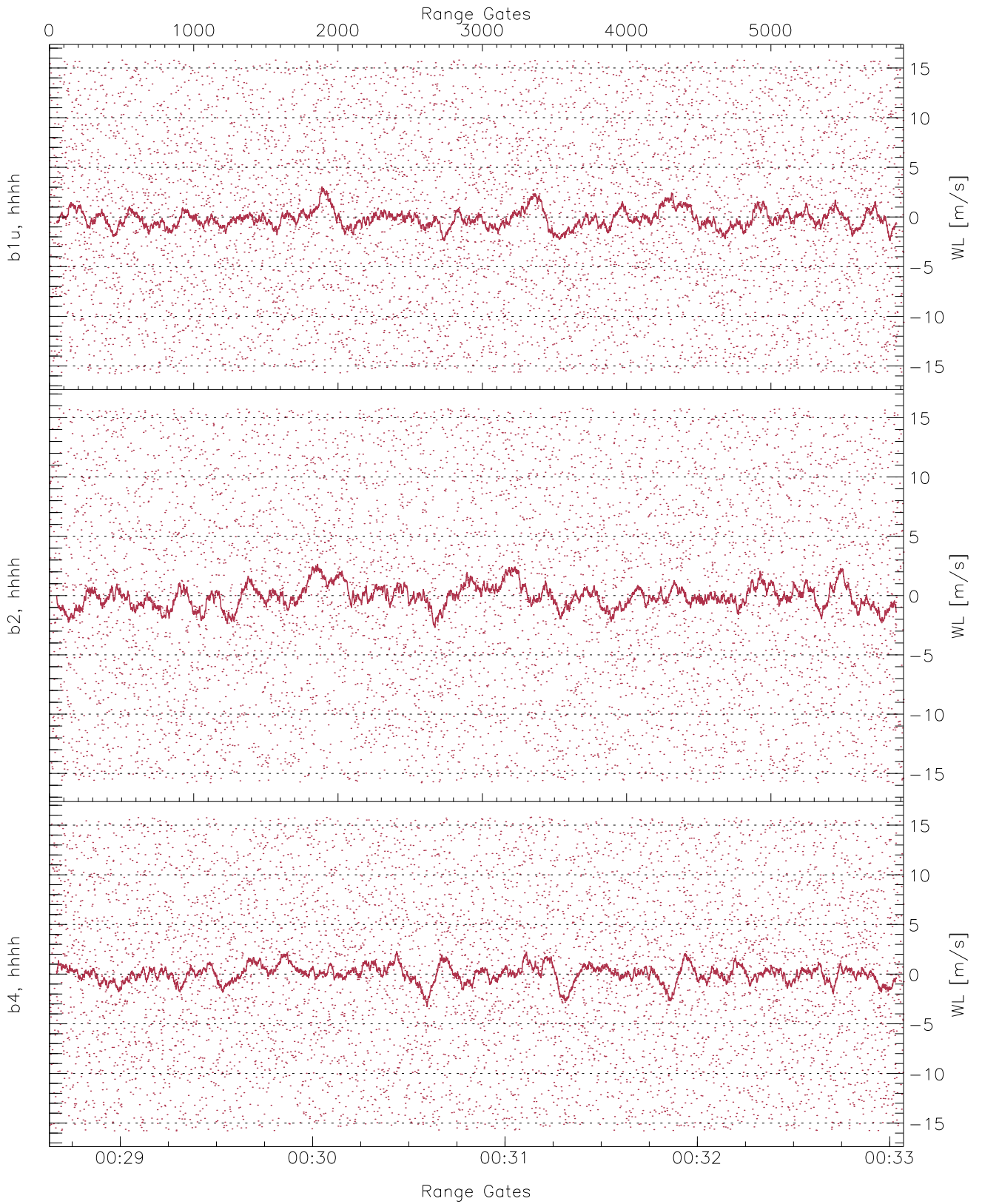
	Min	Max	Mean	Median	StDev
H1RG386_0 [dBm]	-66.60	-64.29	-65.38	-65.39	-76.86
V2WL3_0 [dBm]	-66.09	-63.90	-64.89	-64.90	-76.39
H2WL3_0 [dBm]	-66.01	-63.83	-64.90	-64.90	-76.49



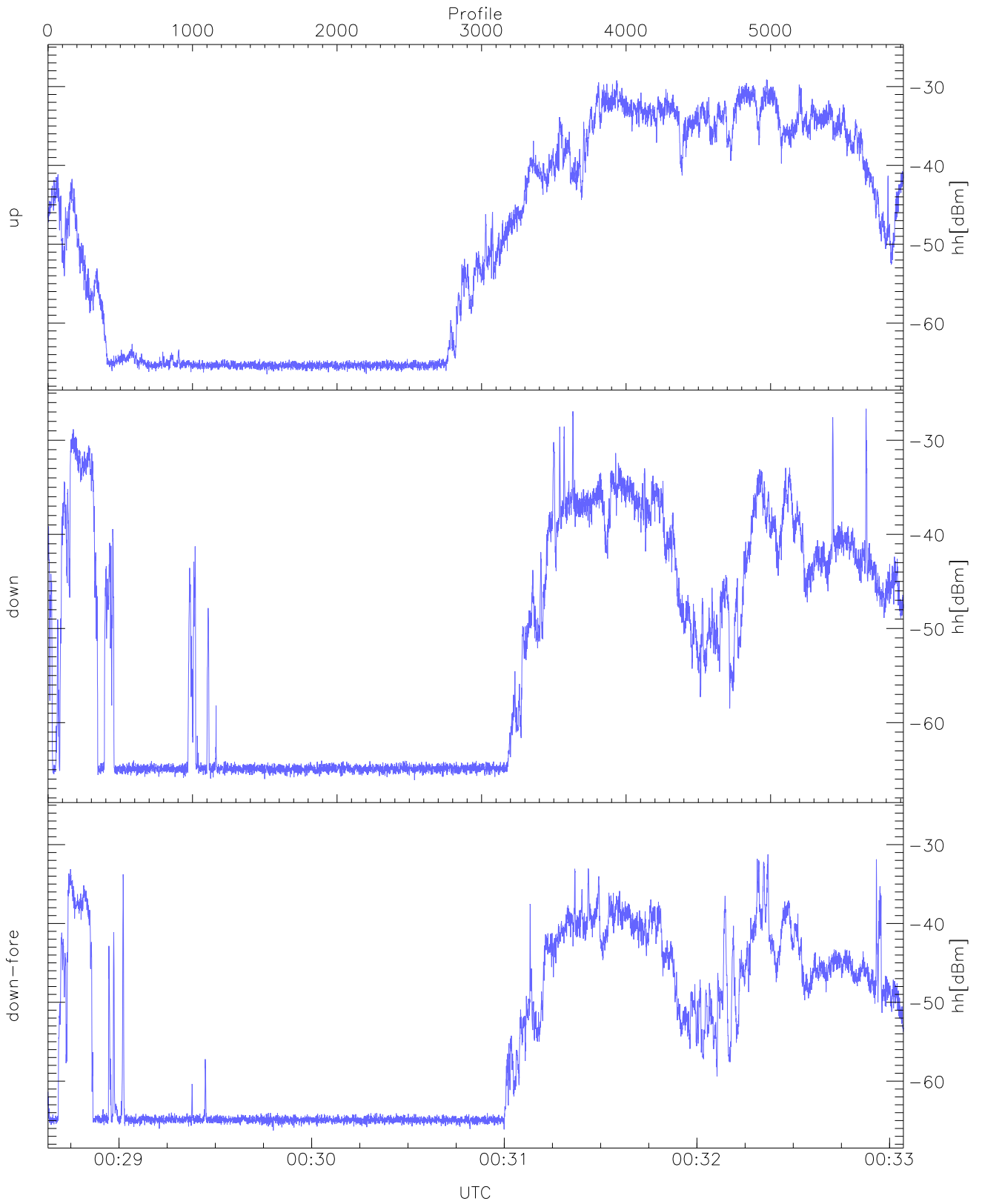
WCR3 CPP Averaged Received power for all recorded gates
blue: 002838-003051, 2961 profiles averaged
red: 003051-003304, 2960 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 002838-003051, 2961 profiles averaged
red: 003051-003304, 2960 profiles averaged

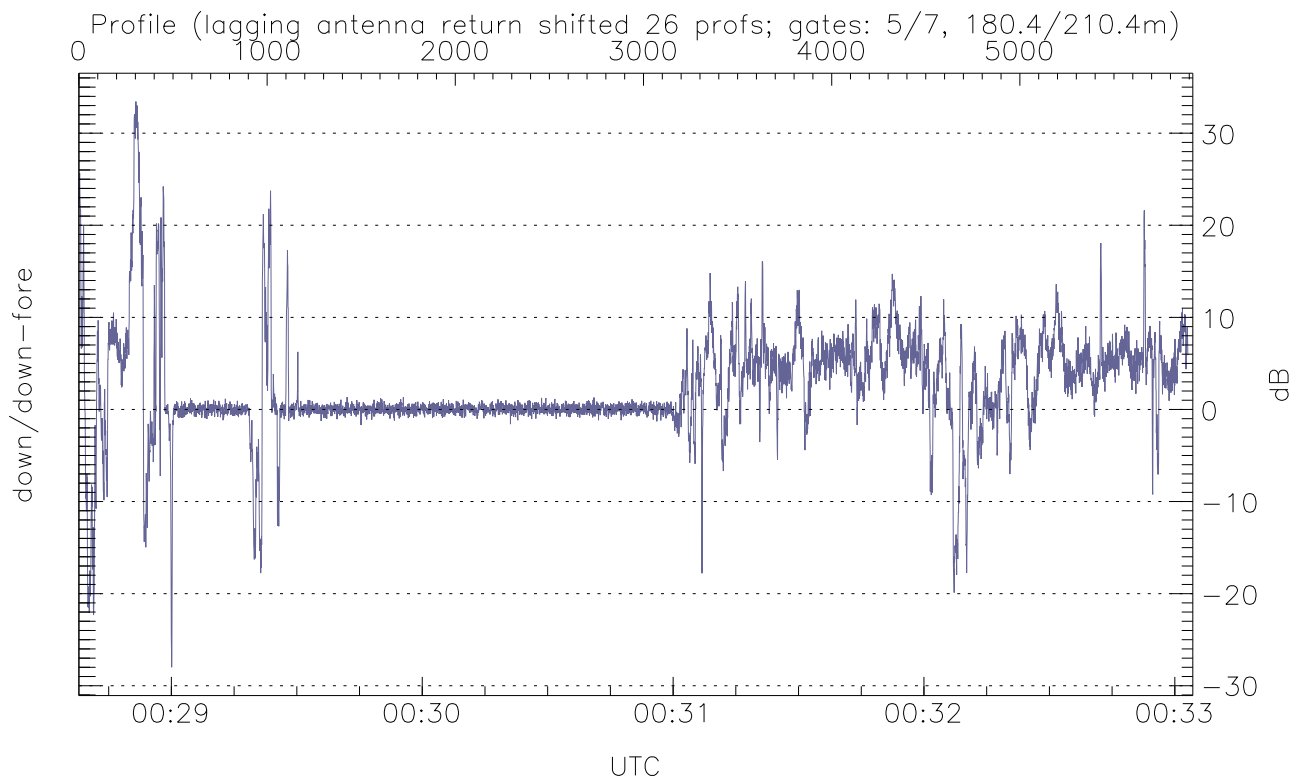
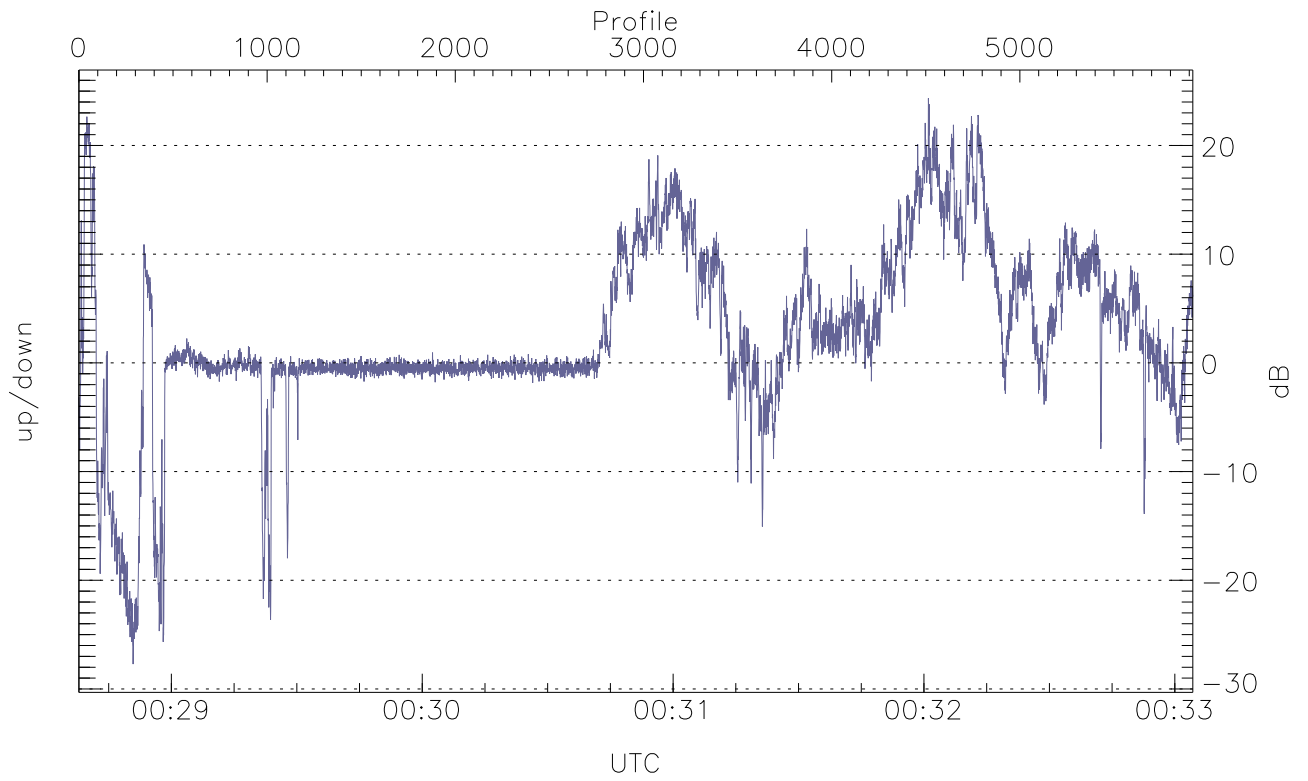


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



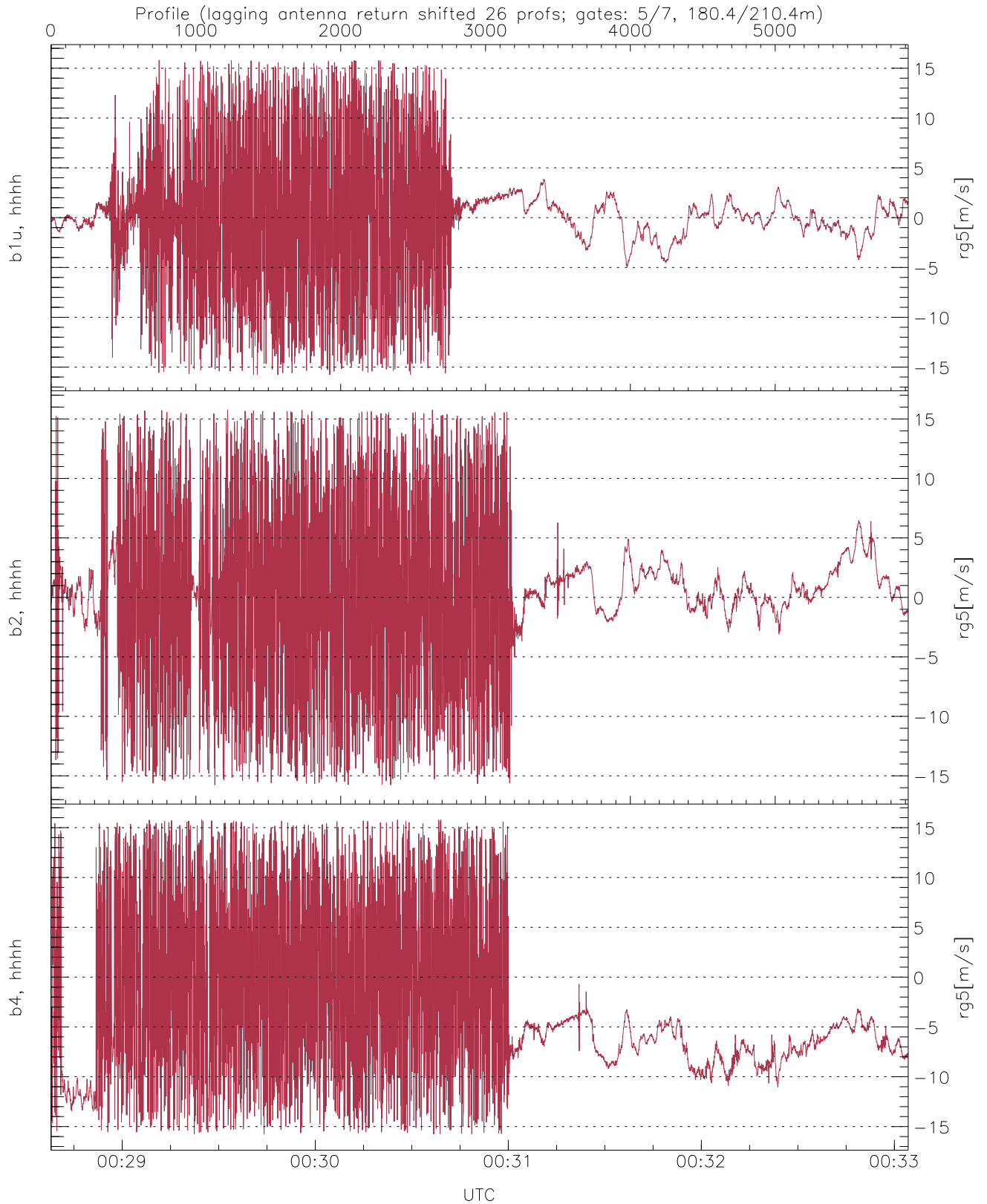
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.50	-29.13	-37.91
down(hh[dBm])	-66.10	-26.66	-41.06
down-fore(hh[dBm])	-66.26	-31.24	-44.58



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

	Min	Max	Mean
up/down (dB)	-27.71	24.34	2.64
down/down-fore (dB)	-27.99	33.44	2.34



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	0.10	5.25
b2, hhhh(rg5[m/s])	-15.78	15.78	0.43	5.94
b4, hhhh(rg5[m/s])	-15.78	15.79	-3.62	7.26