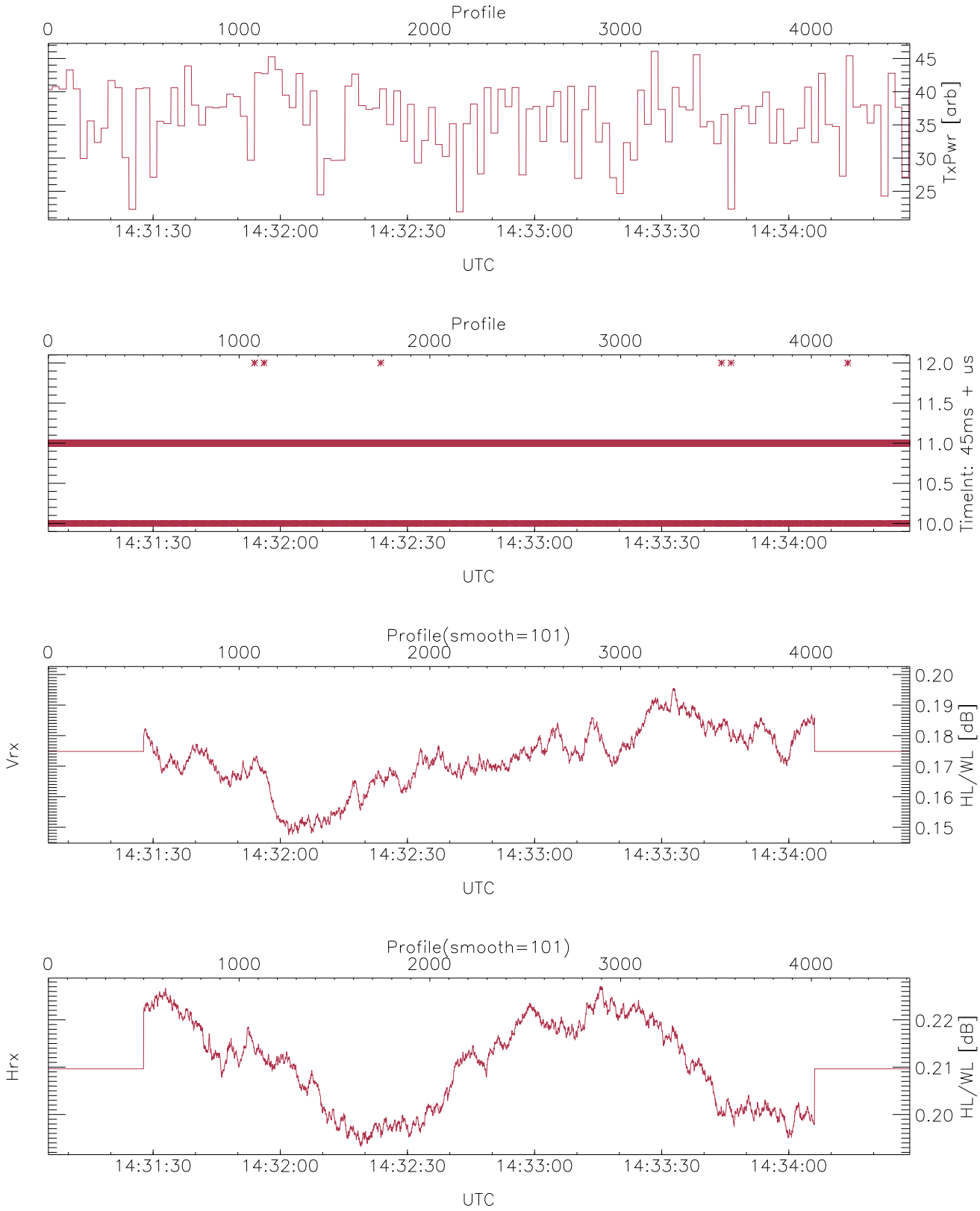
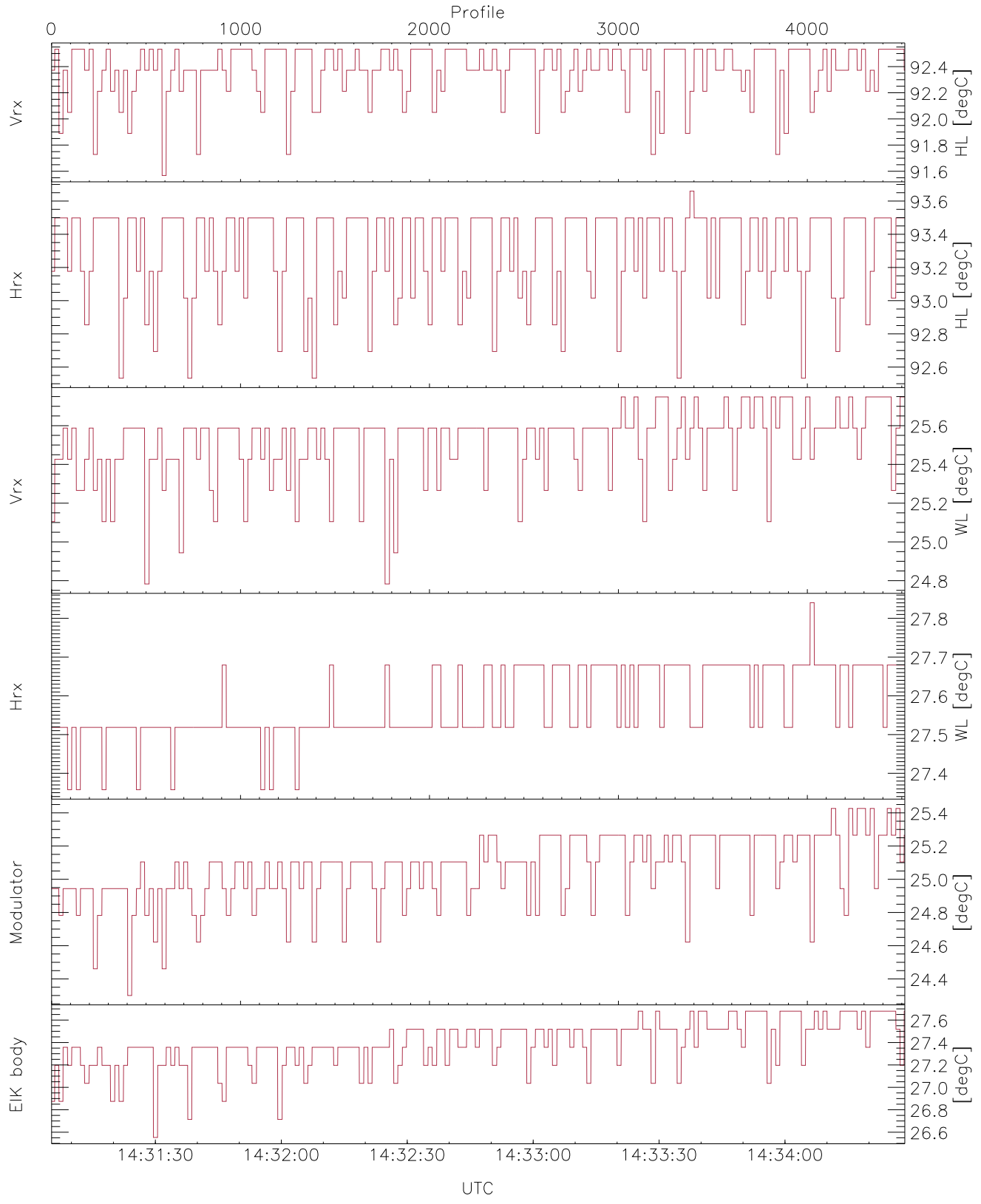


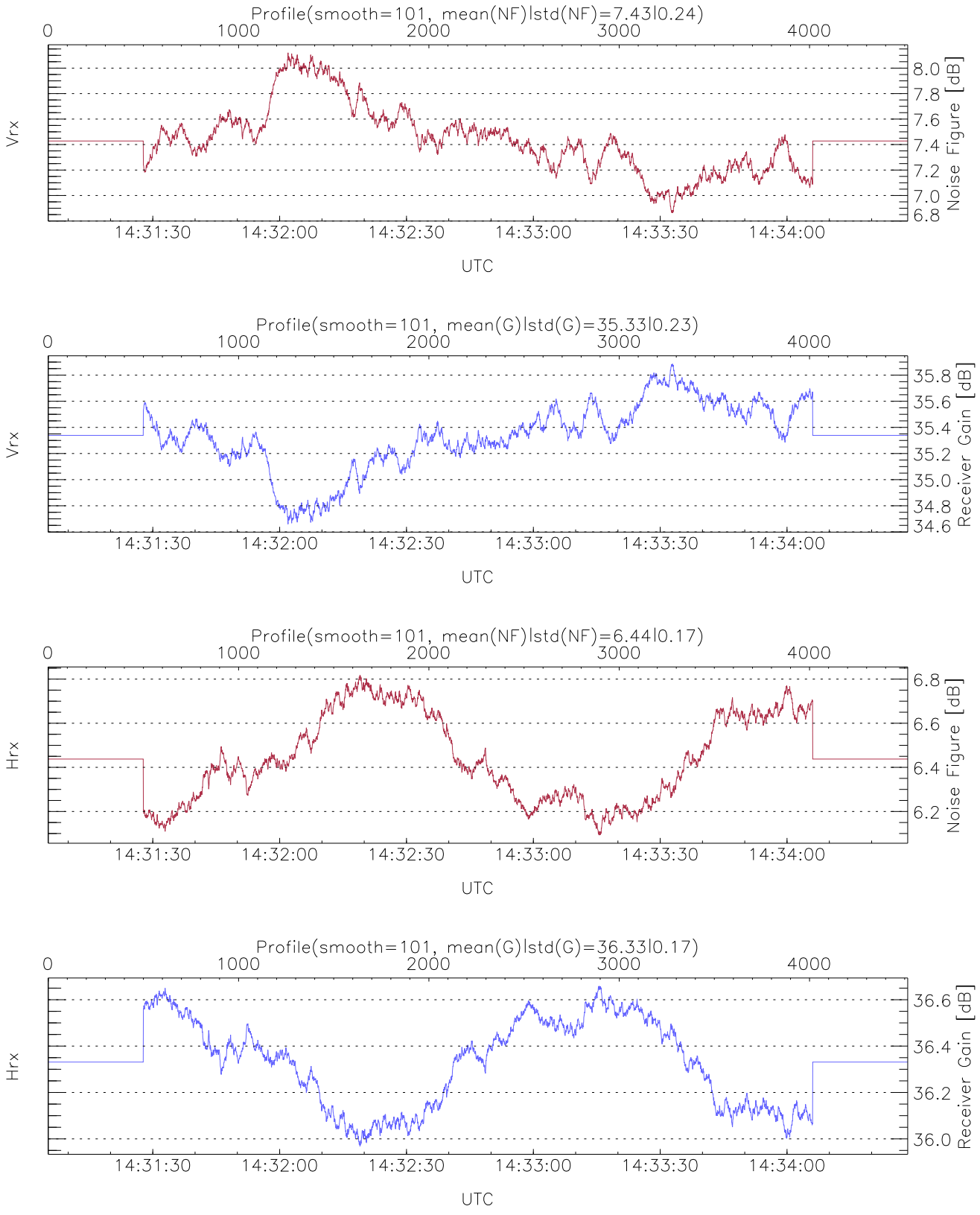
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:31:05-14:34:29, TimeCor: 0.00s, Dur: 203.27s
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): 4517/4517, 0-4516/14:31:05-14:34:29
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|sideluplerror): 1



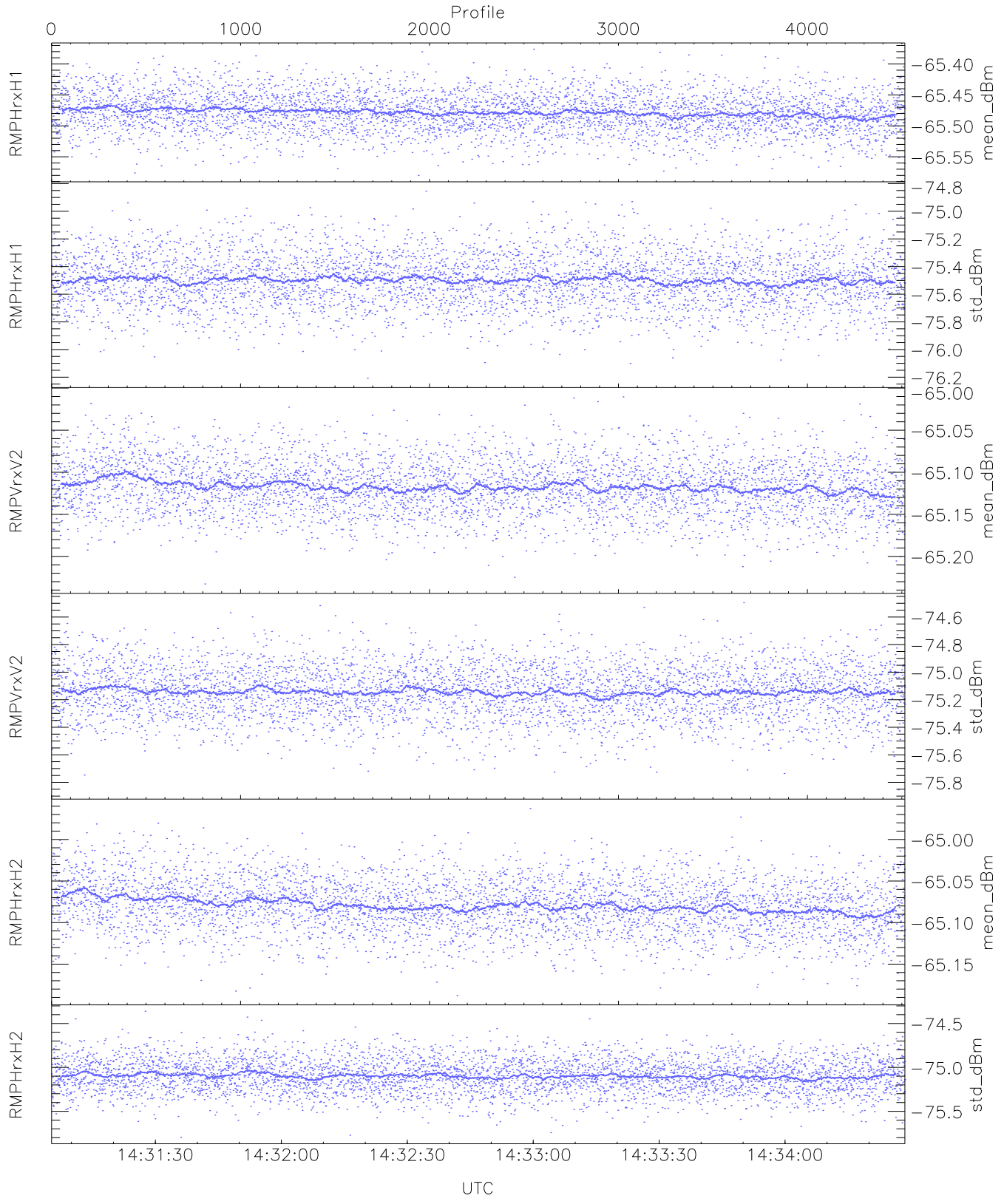
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



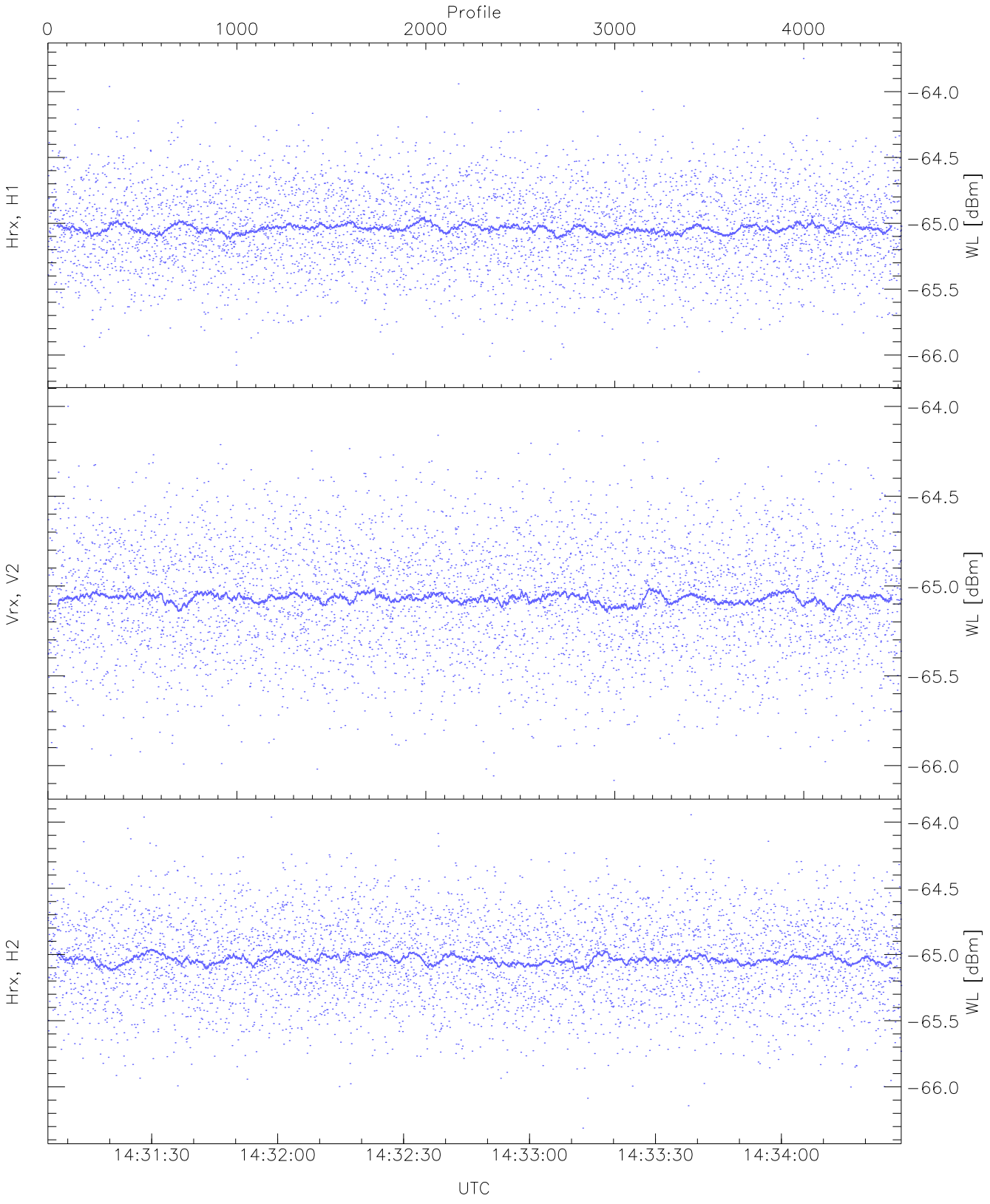
WCR3 CPP Receivers Gain and Noise Figure

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



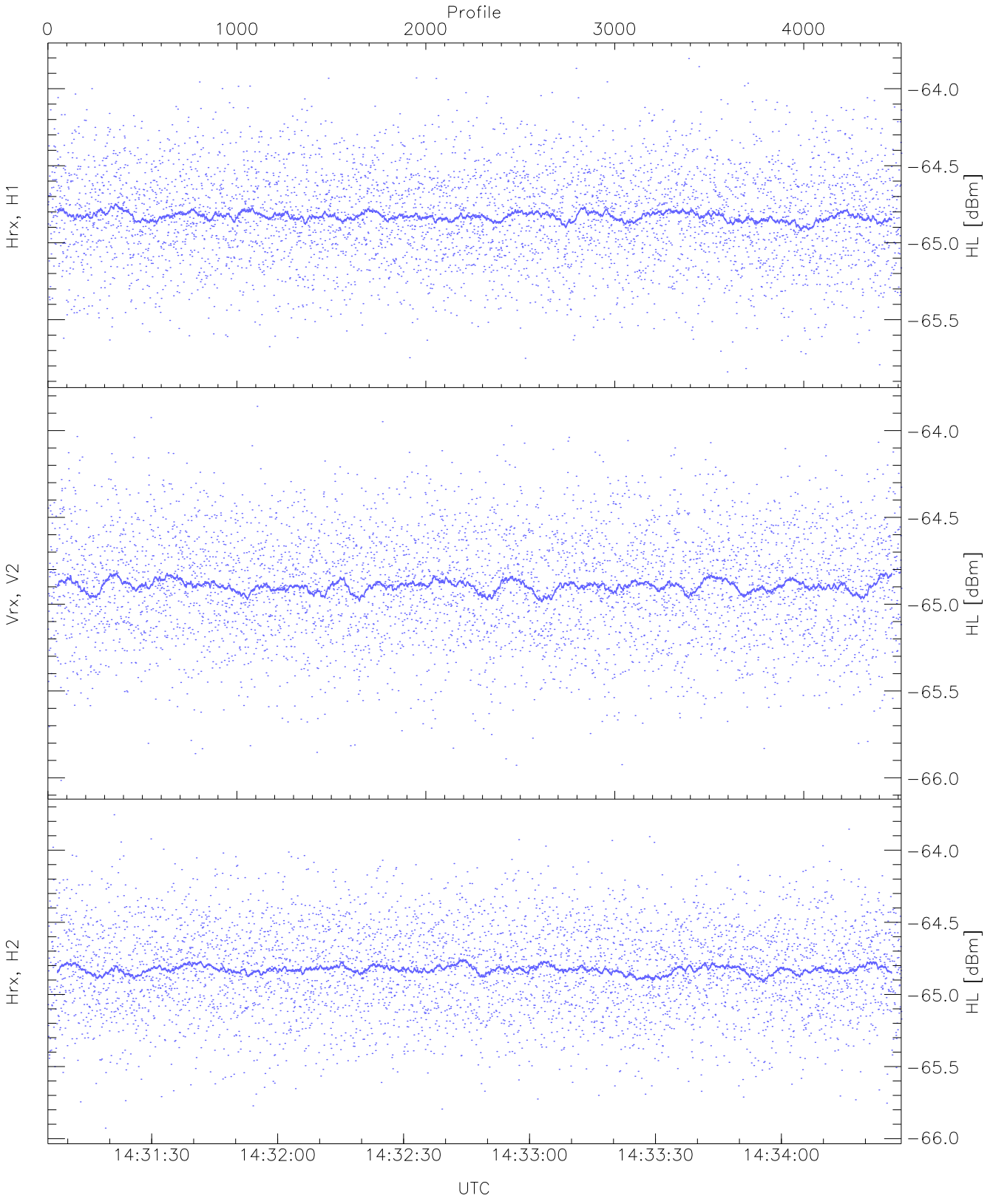
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.58	-65.38	-65.48	-65.48	-87.07
RMPHrxH1(std_dBm)	-76.21	-74.85	-75.50	-75.50	-89.25
RMPVrxV2(mean_dBm)	-65.23	-65.01	-65.12	-65.12	-86.66
RMPVrxV2(std_dBm)	-75.85	-74.50	-75.14	-75.14	-88.95
RMPHrxH2(mean_dBm)	-65.19	-64.96	-65.08	-65.08	-86.65
RMPHrxH2(std_dBm)	-75.80	-74.36	-75.10	-75.10	-88.87



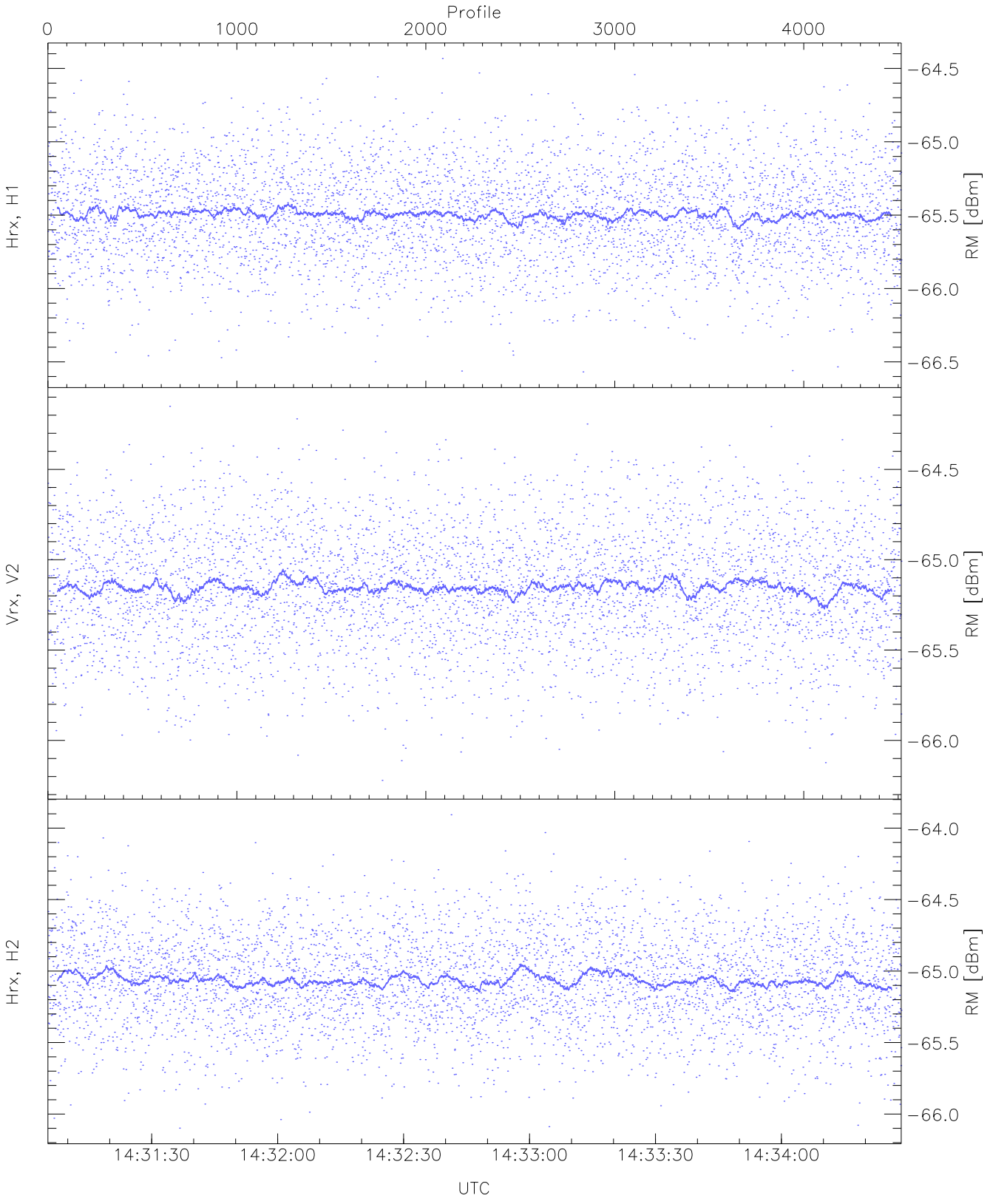
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.13	-63.75	-65.03	-65.04	-76.56
Vrx, V2(WL [dBm])	-66.08	-64.00	-65.06	-65.07	-76.60
Hrx, H2(WL [dBm])	-66.31	-63.94	-65.03	-65.03	-76.52



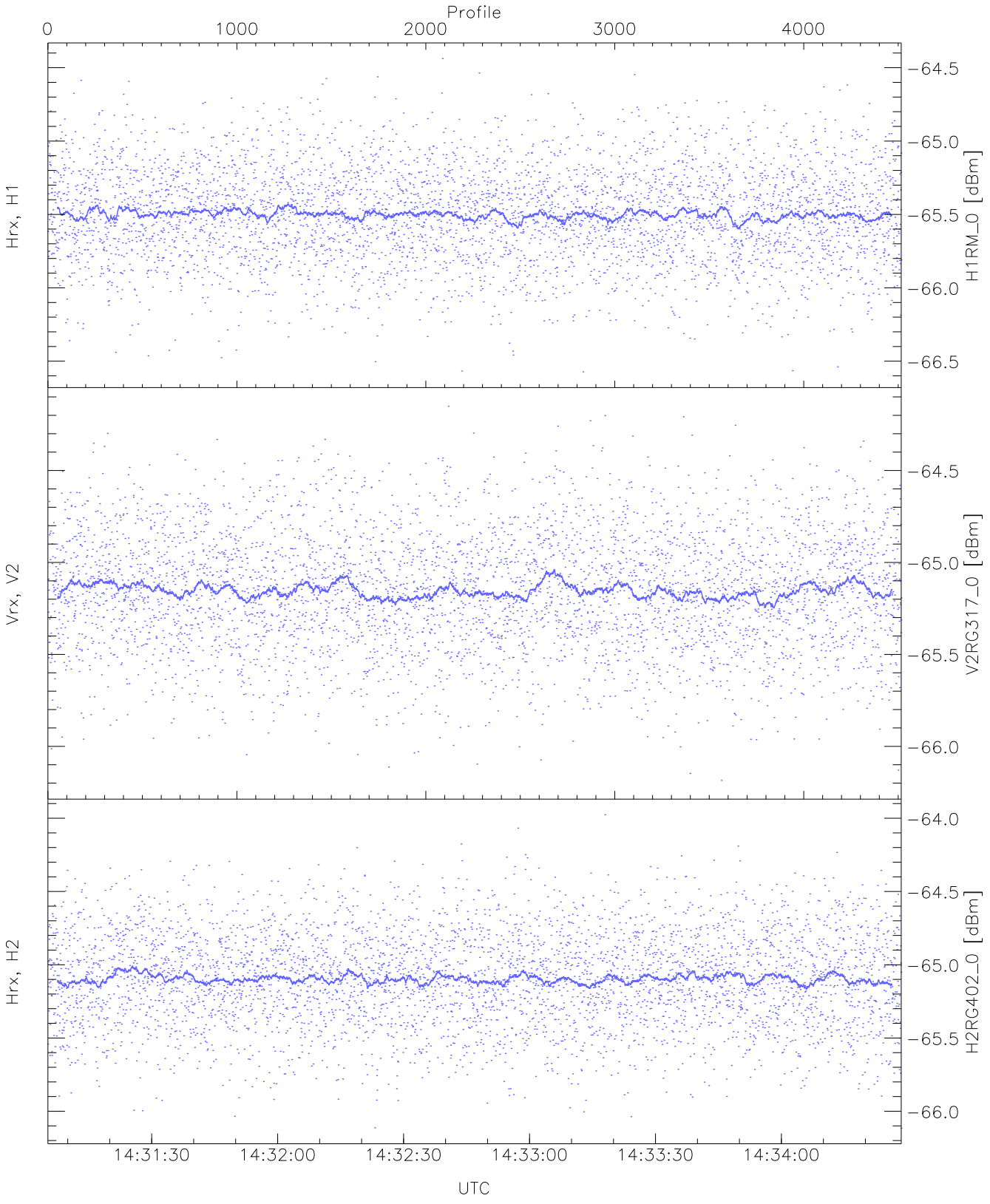
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.84	-63.80	-64.82	-64.83	-76.36
Vrx, V2(HL [dBm])	-66.02	-63.86	-64.89	-64.89	-76.41
Hrx, H2(HL [dBm])	-65.93	-63.75	-64.82	-64.83	-76.32



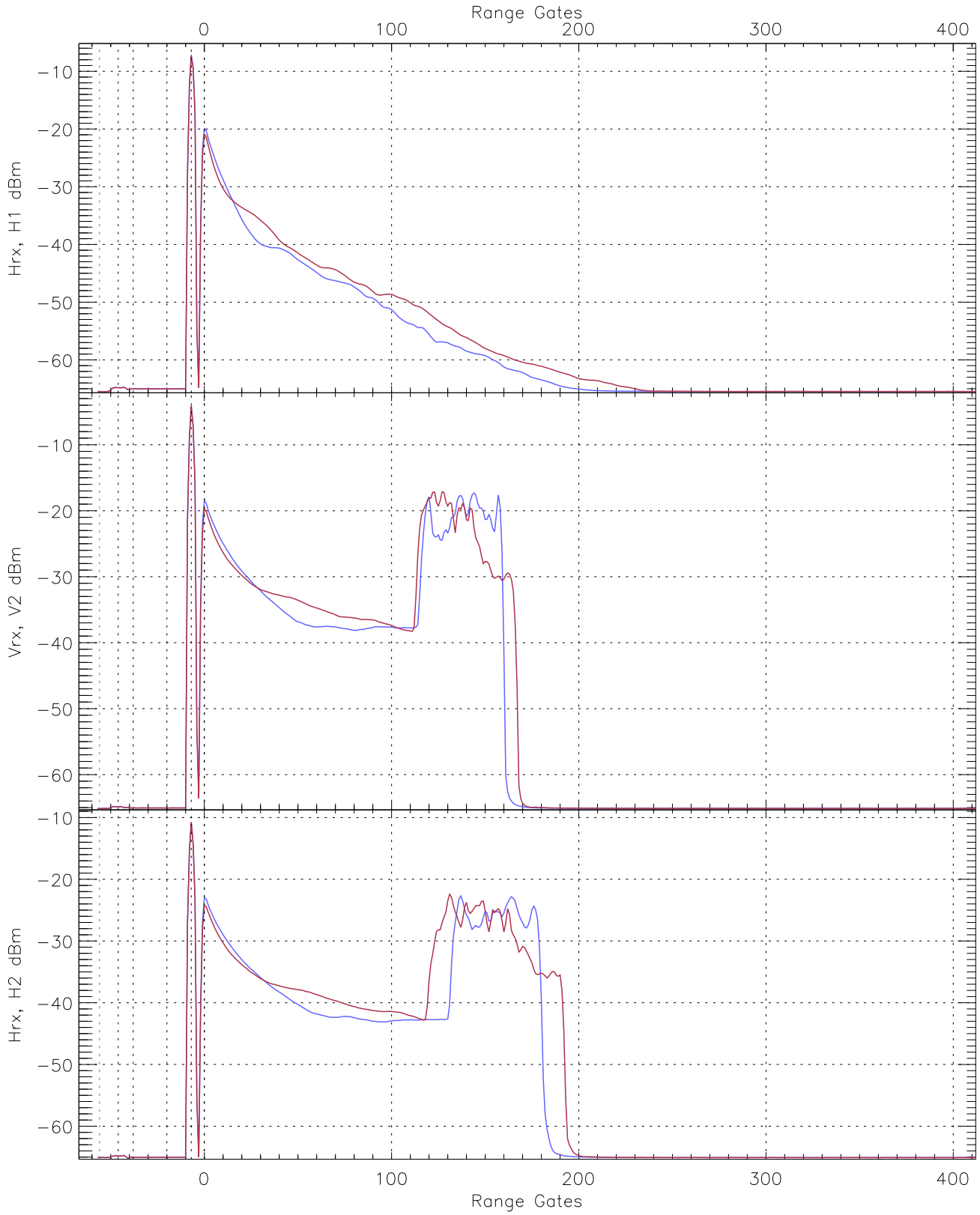
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.57	-64.43	-65.49	-65.50	-76.94
Vrx, V2(RM [dBm])	-66.22	-64.15	-65.15	-65.15	-76.69
Hrx, H2(RM [dBm])	-66.10	-63.91	-65.06	-65.07	-76.55

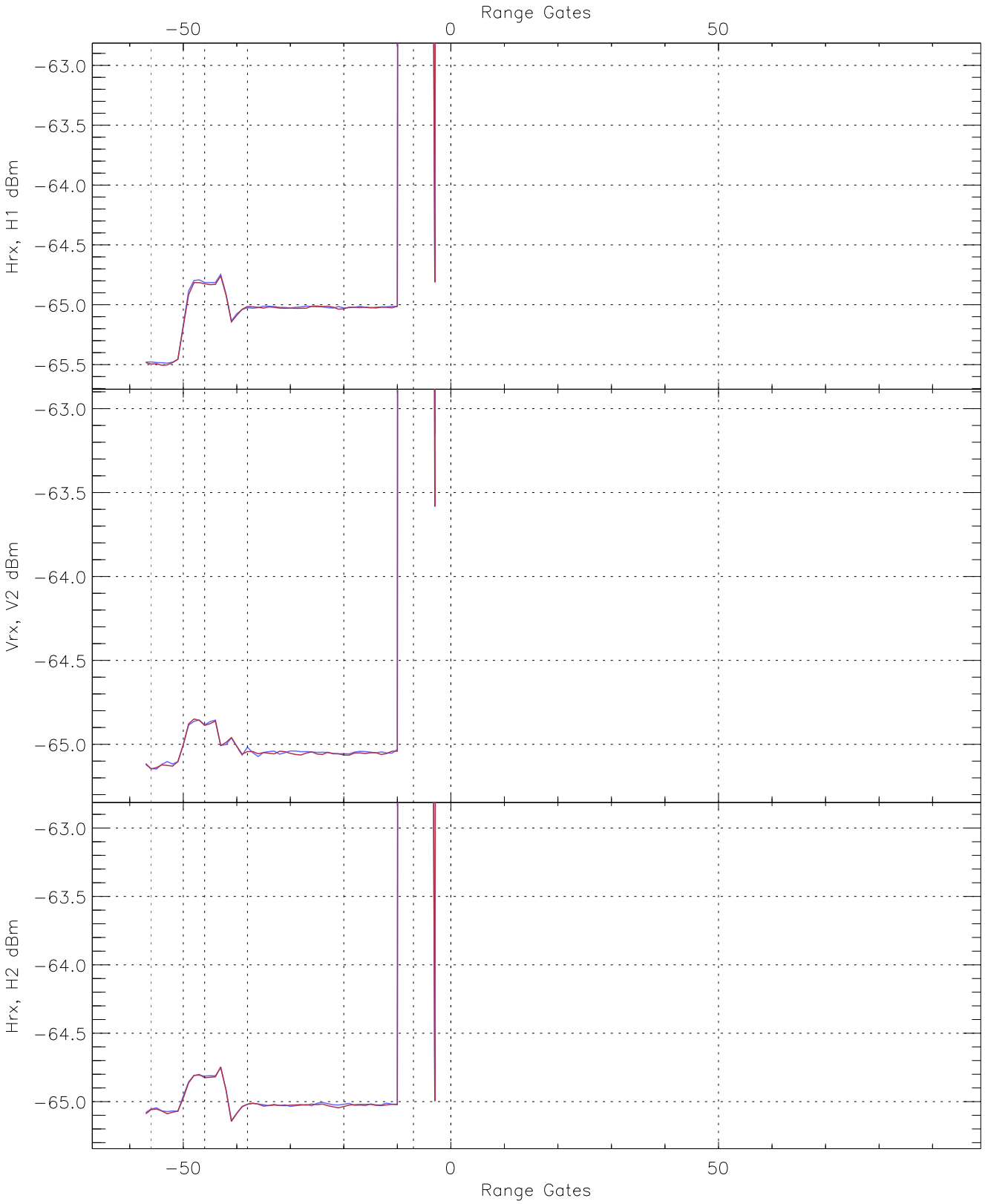


WCR3 CPP "Best" estimate Receivers Noise Power

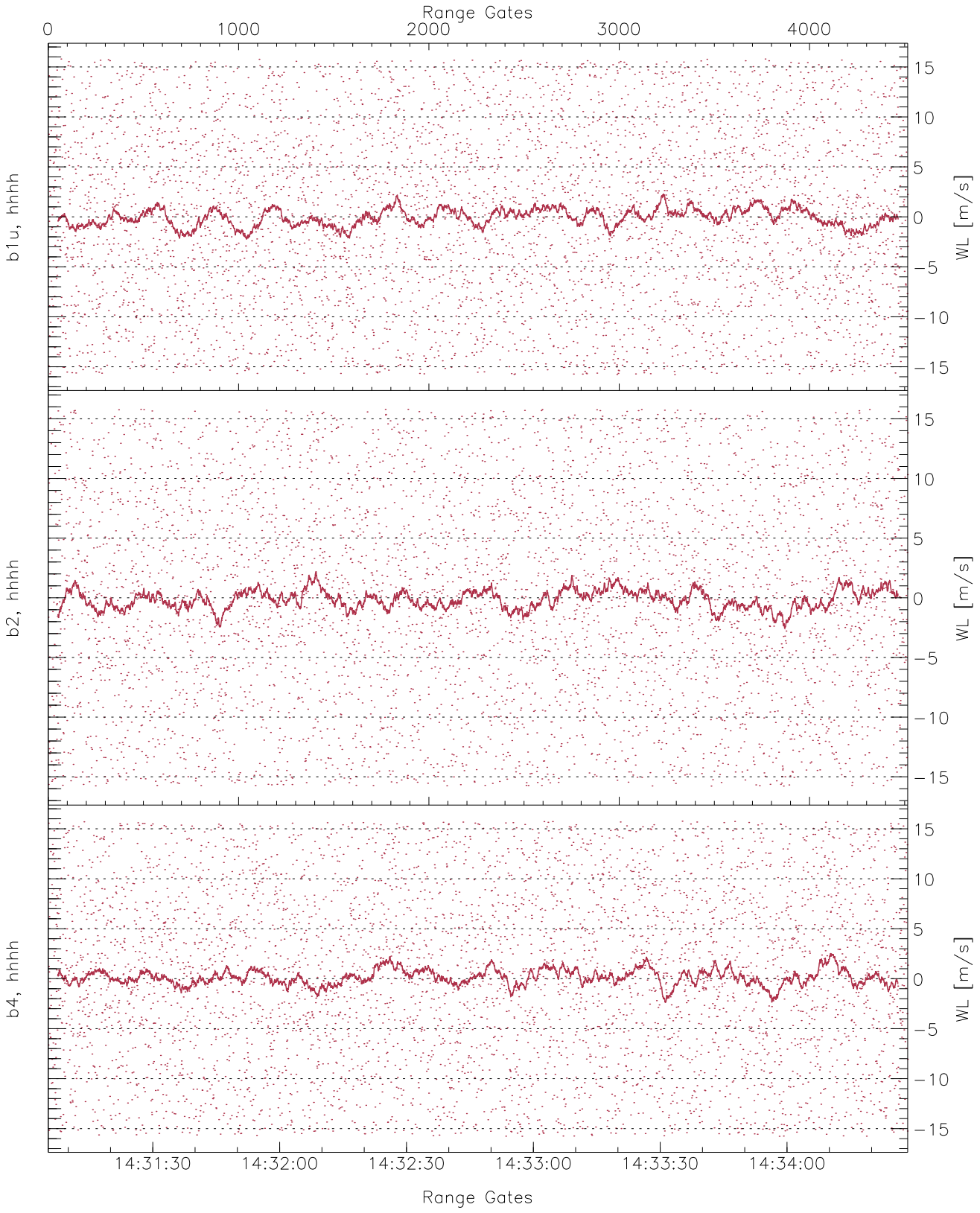
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.57	-64.44	-65.49	-65.51	-76.94
V2RG317_0 [dBm]	-66.19	-64.15	-65.15	-65.15	-76.67
H2RG402_0 [dBm]	-66.12	-63.98	-65.09	-65.10	-76.57



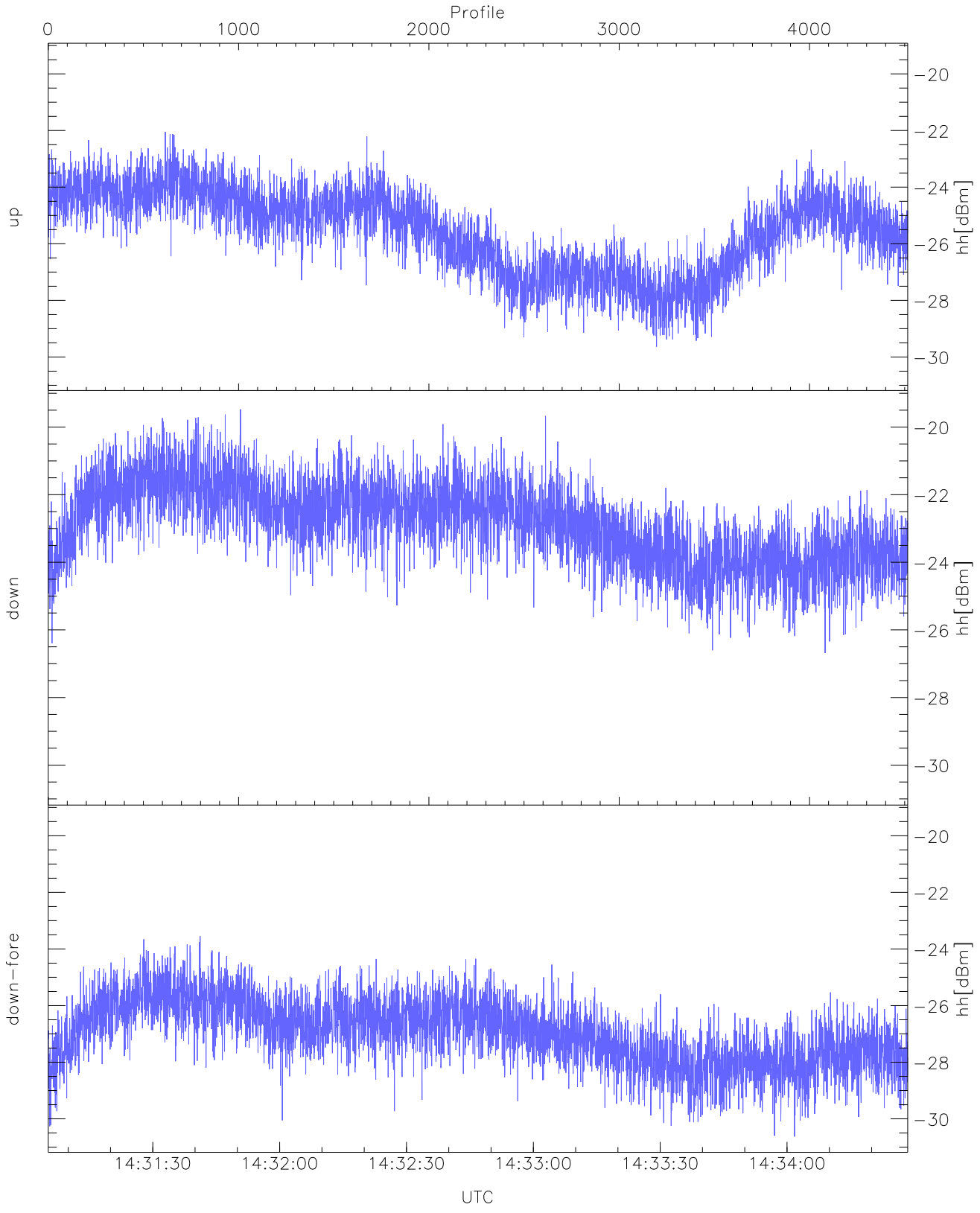
WCR3 CPP Averaged Received power for all recorded gates
blue: 143105-143247, 2259 profiles averaged
red: 143247-143429, 2259 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 143105-143247, 2259 profiles averaged
red: 143247-143429, 2259 profiles averaged

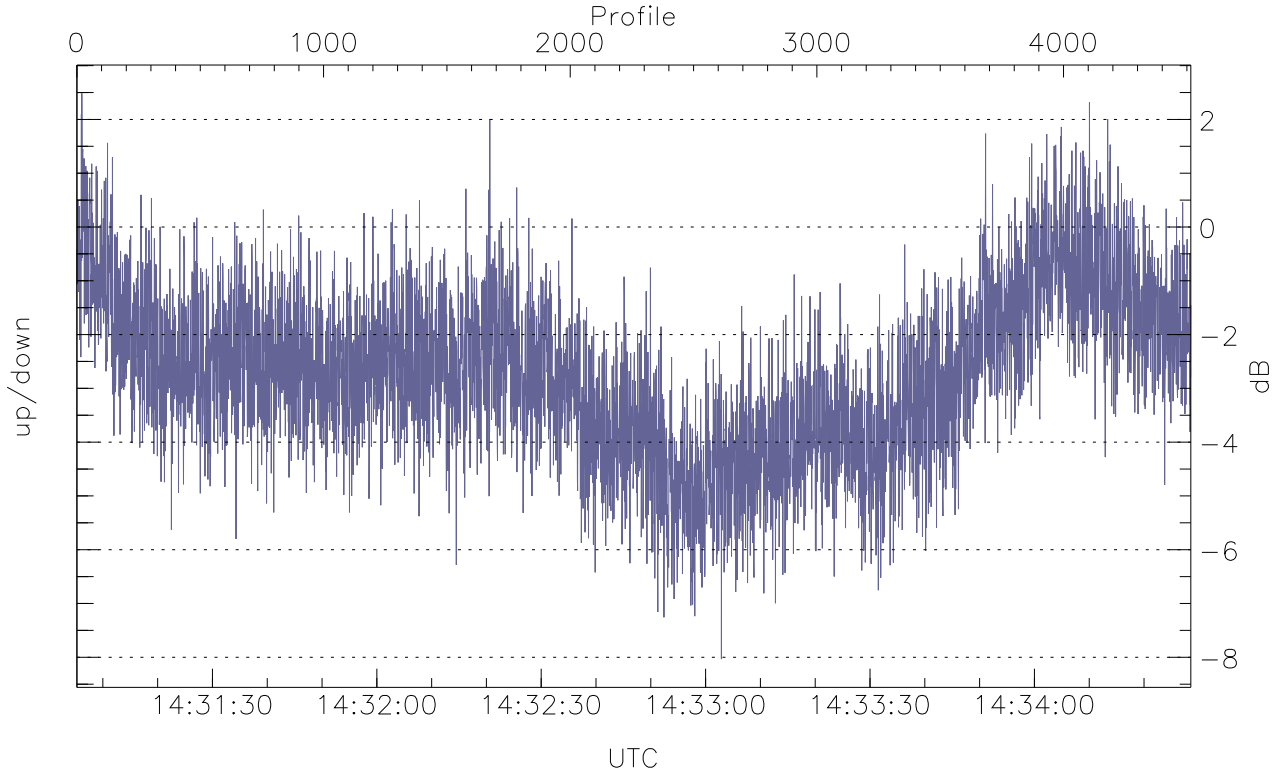


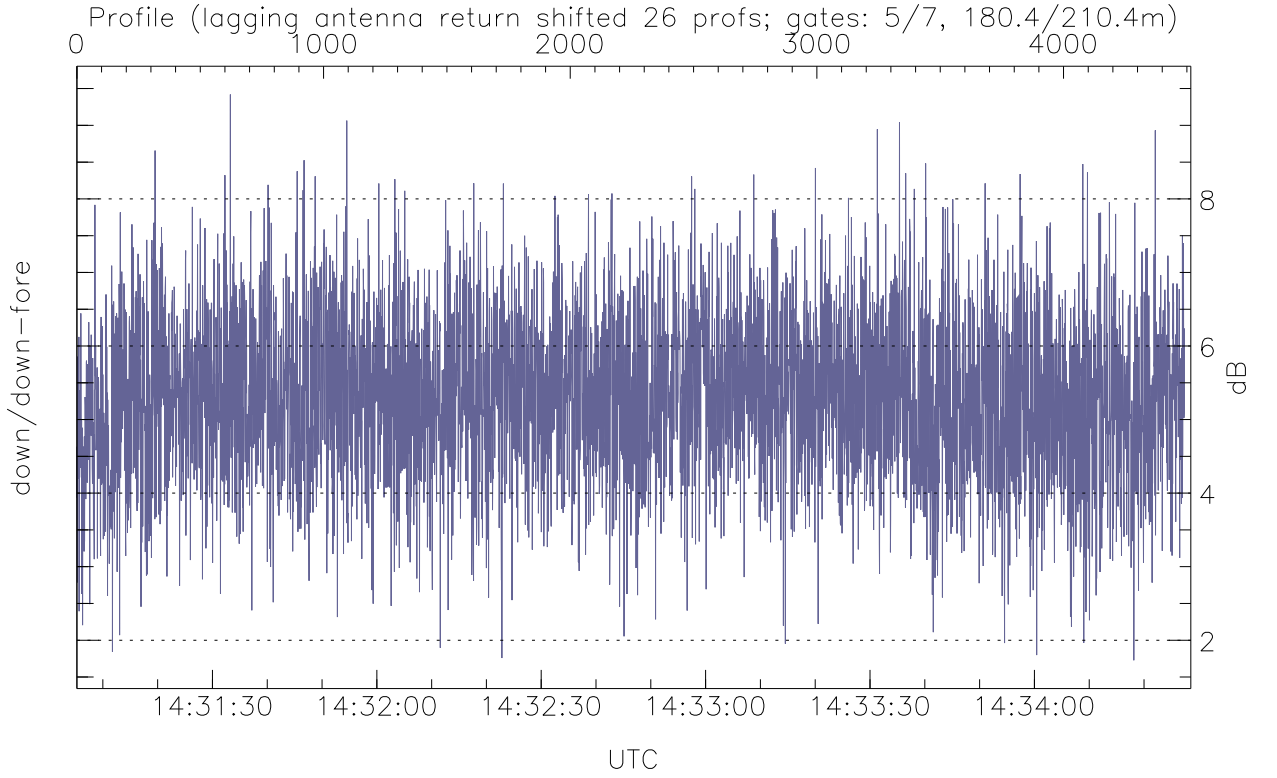
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

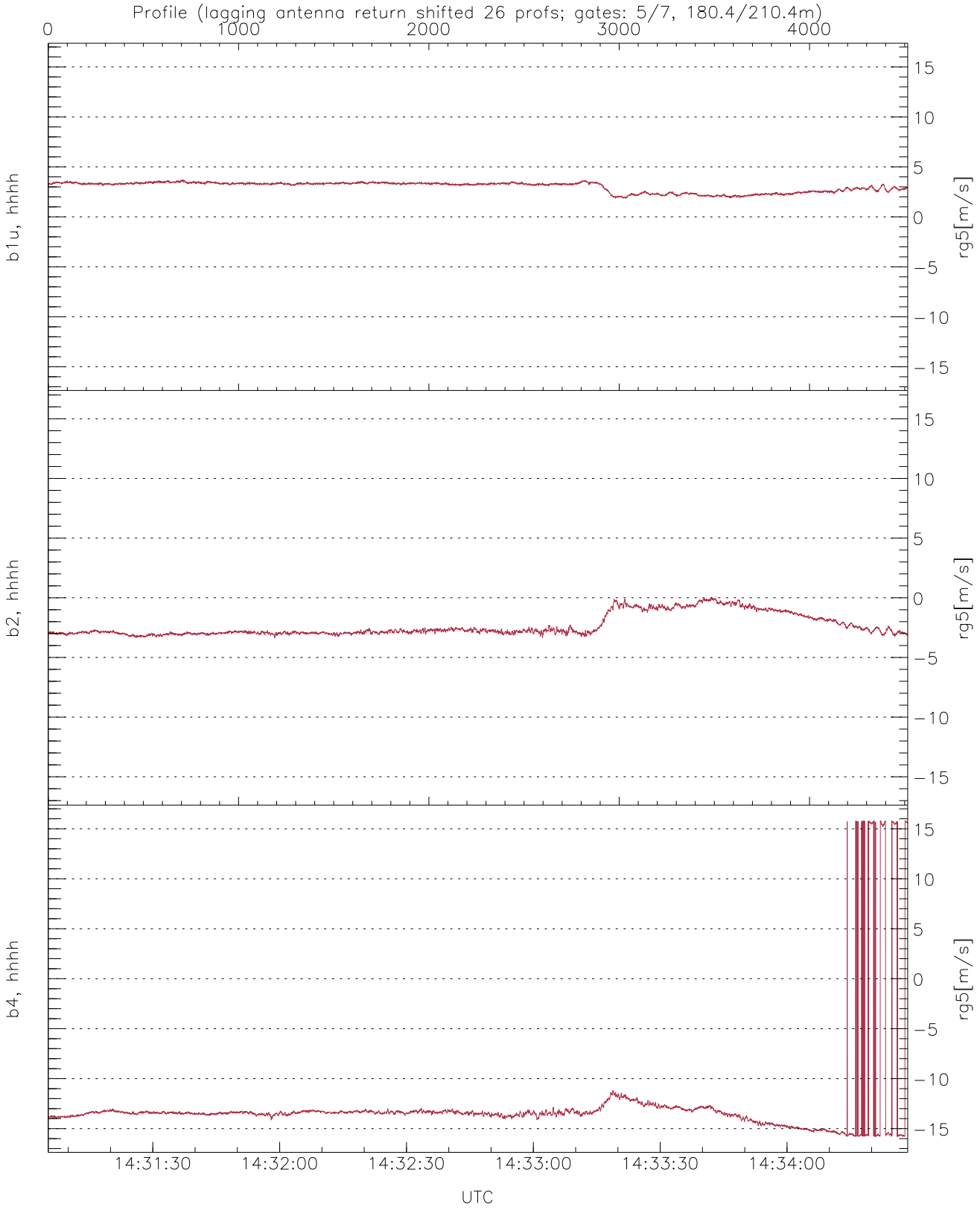
	Min	Max	Mean
up(hh[dBm])	-29.64	-22.05	-25.35
down(hh[dBm])	-26.68	-19.47	-22.70
down-fore(hh[dBm])	-30.63	-23.55	-26.83





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

	Min	Max	Mean
up/down(dB)	-8.03	2.49	-2.71
down/down-fore(dB)	1.73	9.42	5.31



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.85	3.72	3.01	0.49
b2, hhhh(rg5[m/s])	-3.36	0.02	-2.33	0.92
b4, hhhh(rg5[m/s])	-15.79	15.79	-12.81	4.80