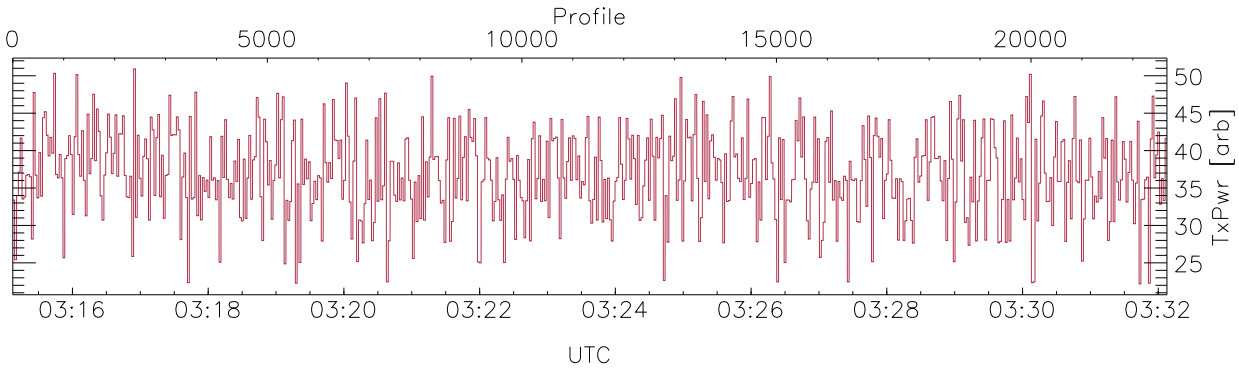
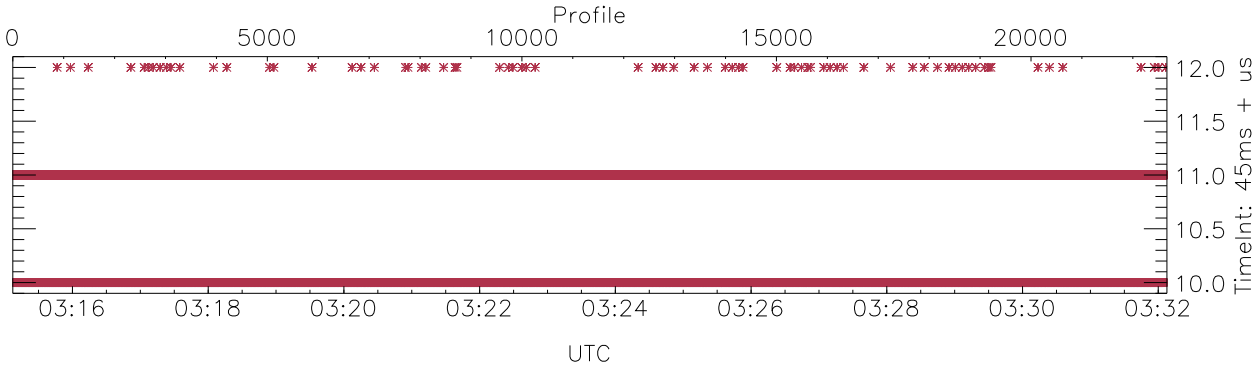
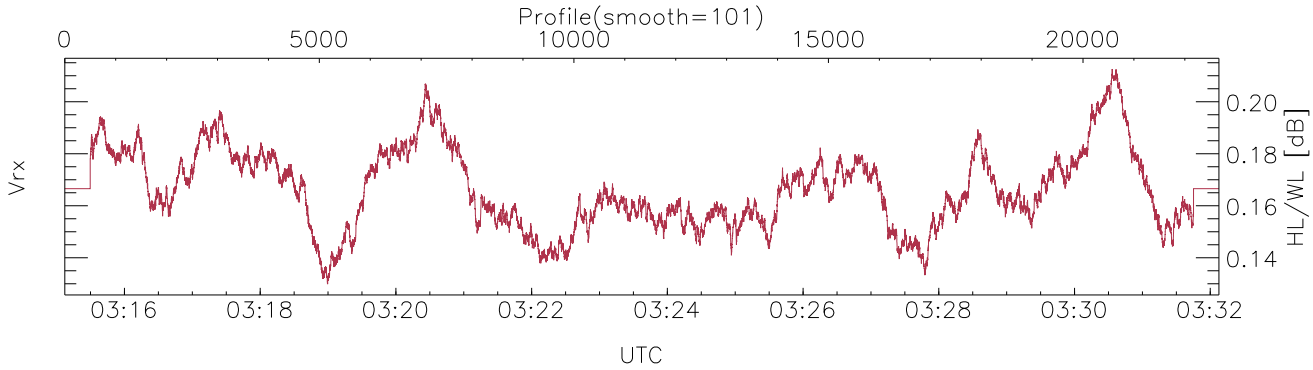
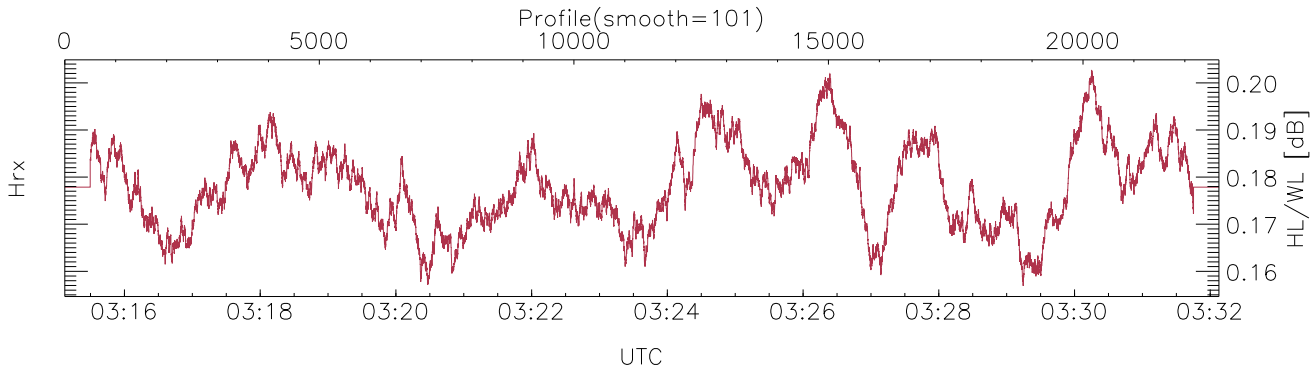


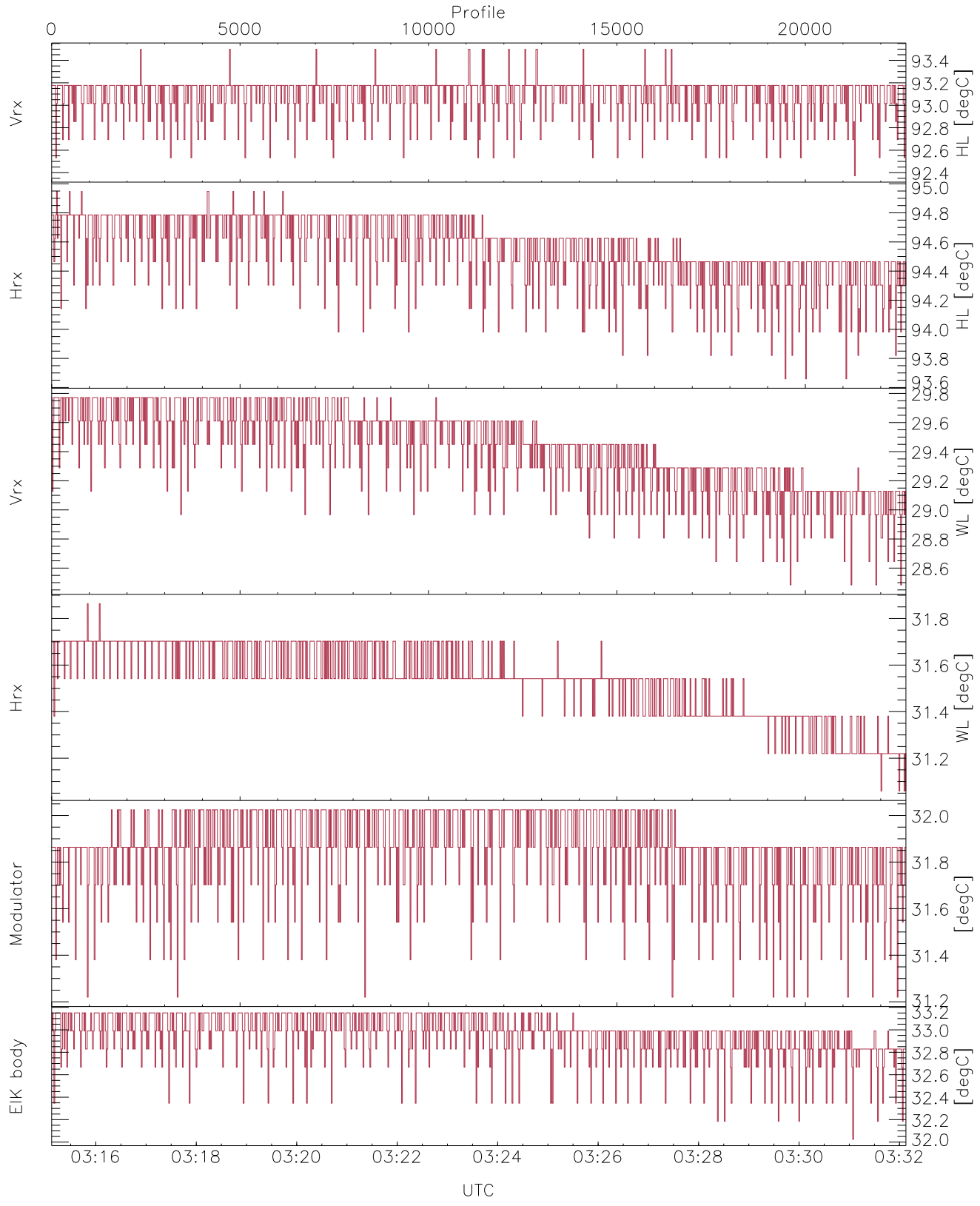






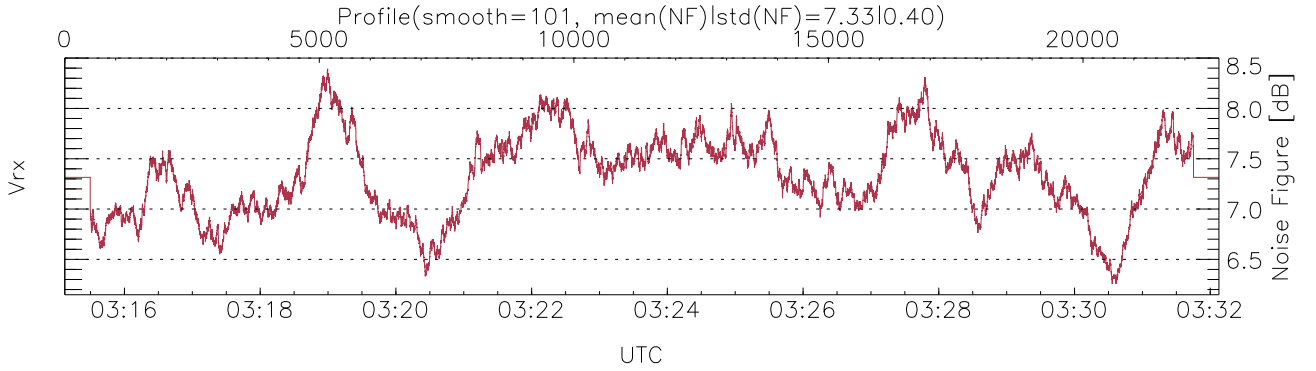
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

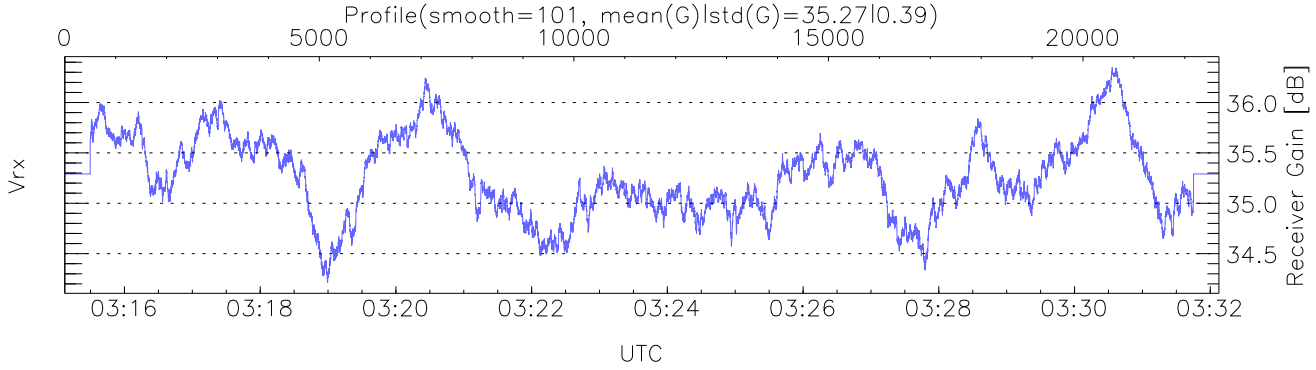
UTC: 03:15:07-03:32:08, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/03:15:07-03:32:08
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

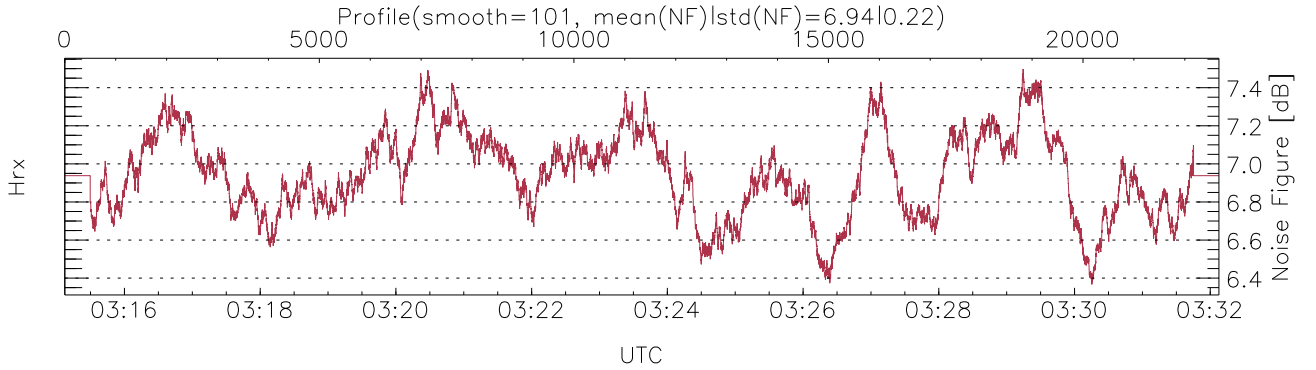


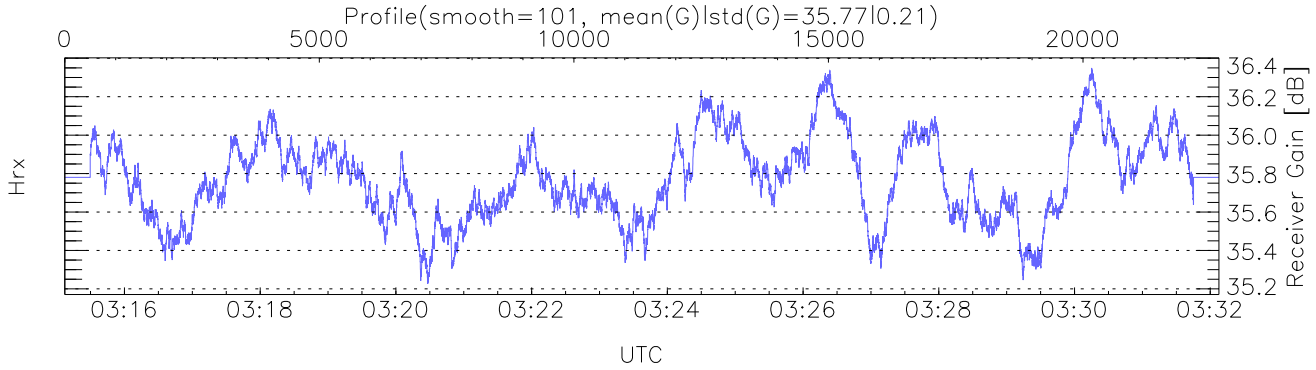
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,31,31,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,31,32,33
LOalarm(20,240,2817,14861 MHz): 0,0,44,0
EIK Faults(# prof affected):
DeckF (24)



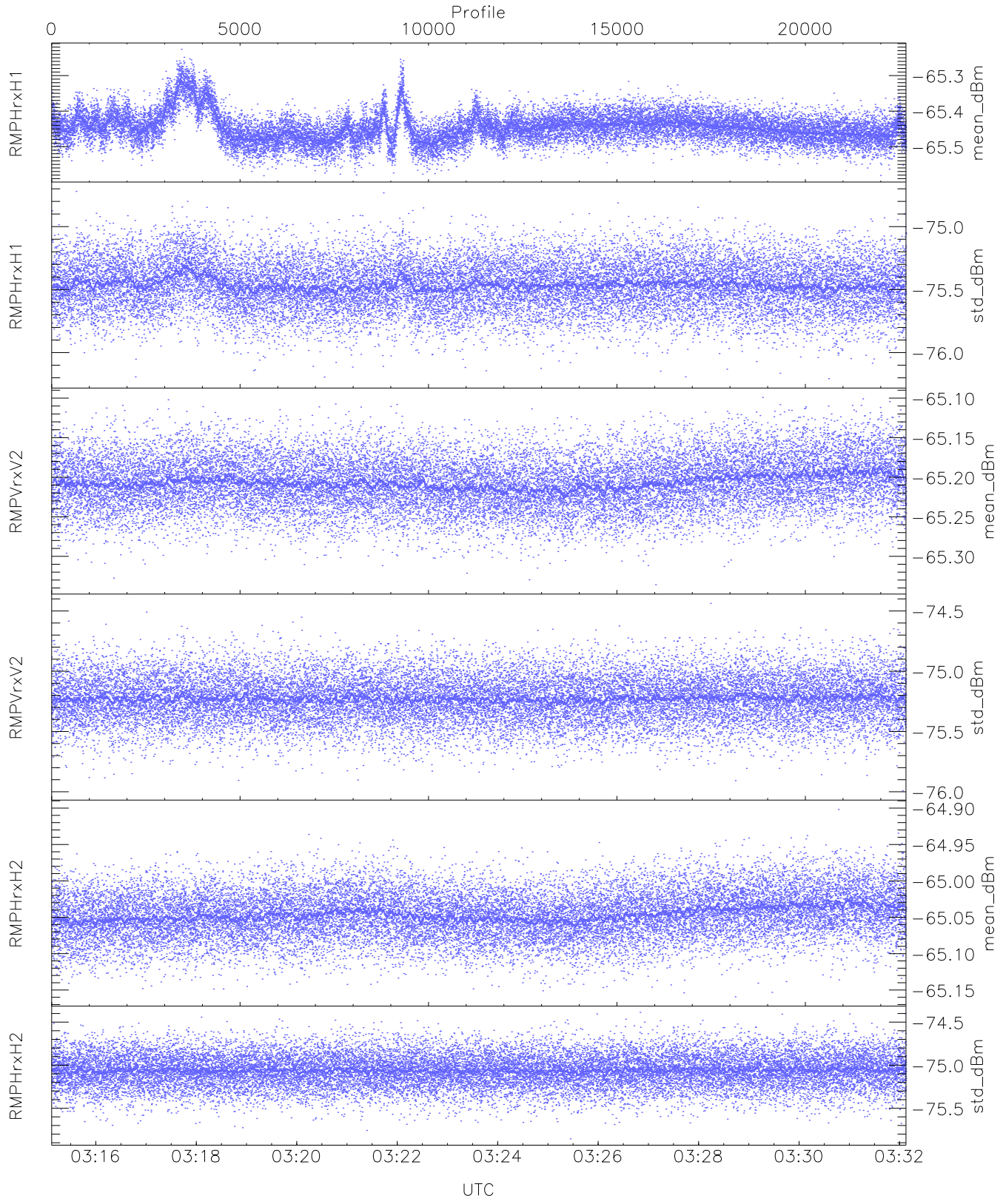






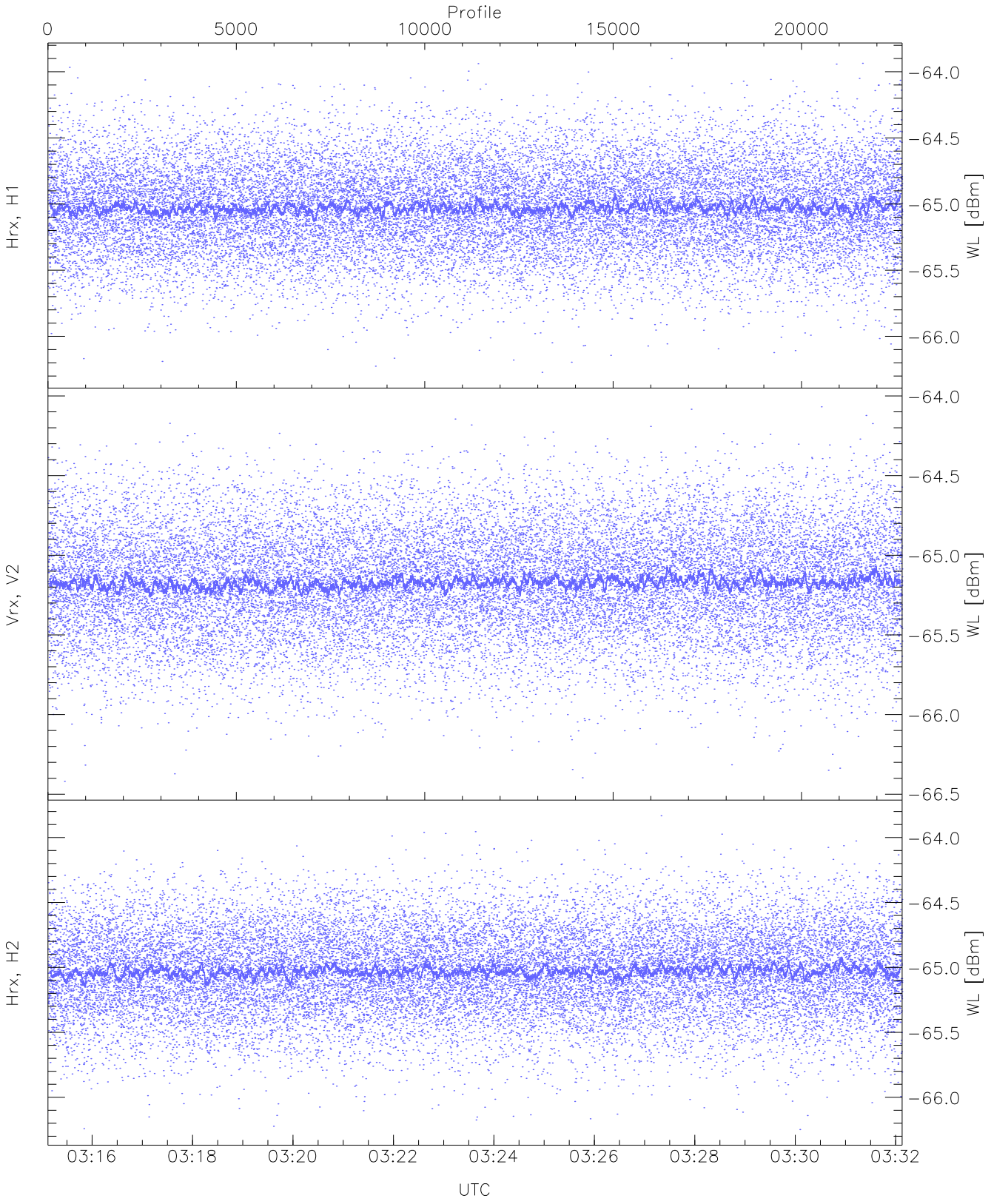
WCR3 CPP Receivers Gain and Noise Figure

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



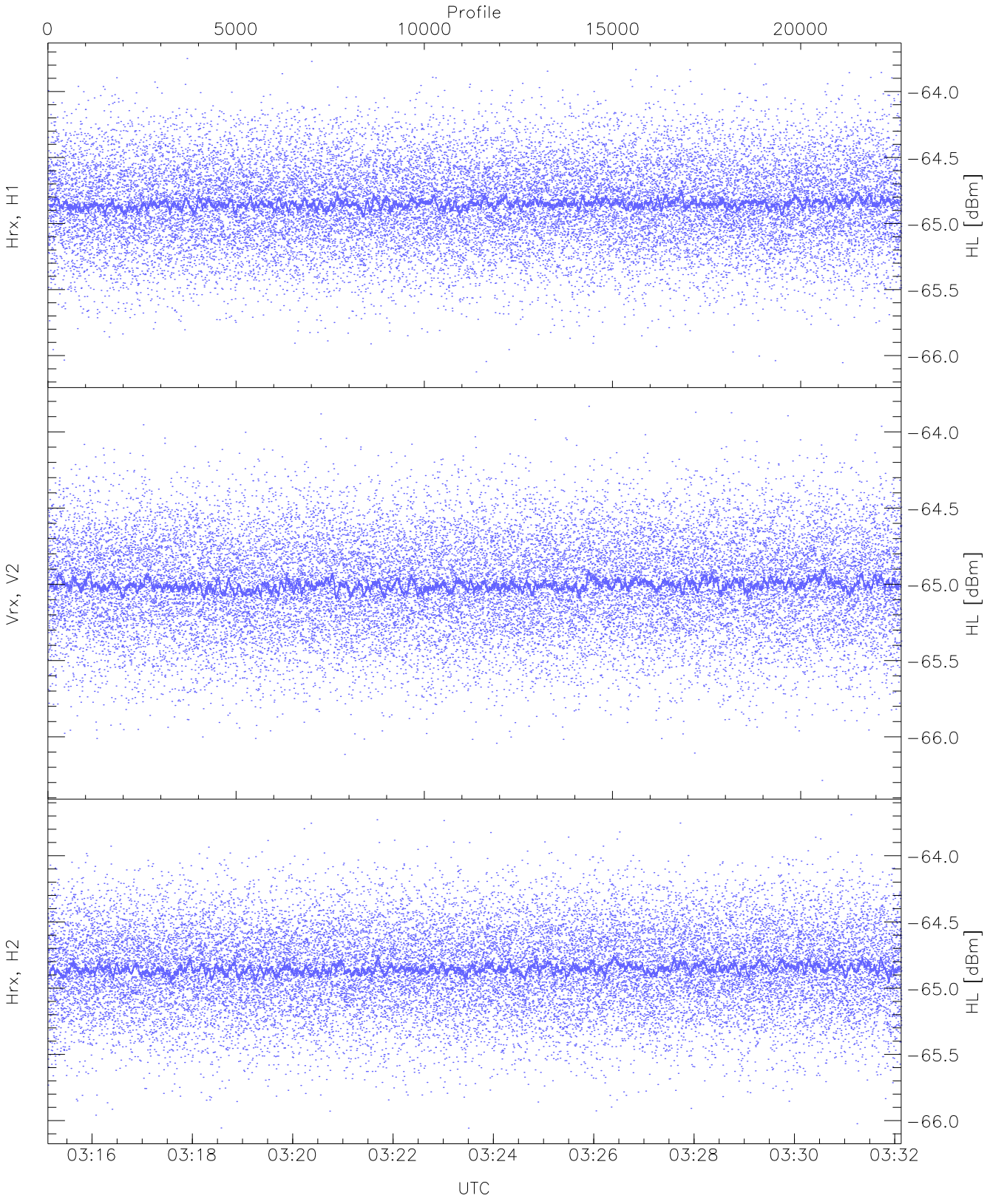
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.58	-65.23	-65.45	-65.45	-85.45
RMPHrxH1(std_dBm)	-76.21	-74.72	-75.46	-75.47	-89.19
RMPVrxV2(mean_dBm)	-65.34	-65.10	-65.21	-65.21	-86.70
RMPVrxV2(std_dBm)	-75.99	-74.44	-75.23	-75.23	-89.03
RMPHrxH2(mean_dBm)	-65.16	-64.90	-65.05	-65.05	-86.56
RMPHrxH2(std_dBm)	-75.85	-74.39	-75.06	-75.06	-88.84



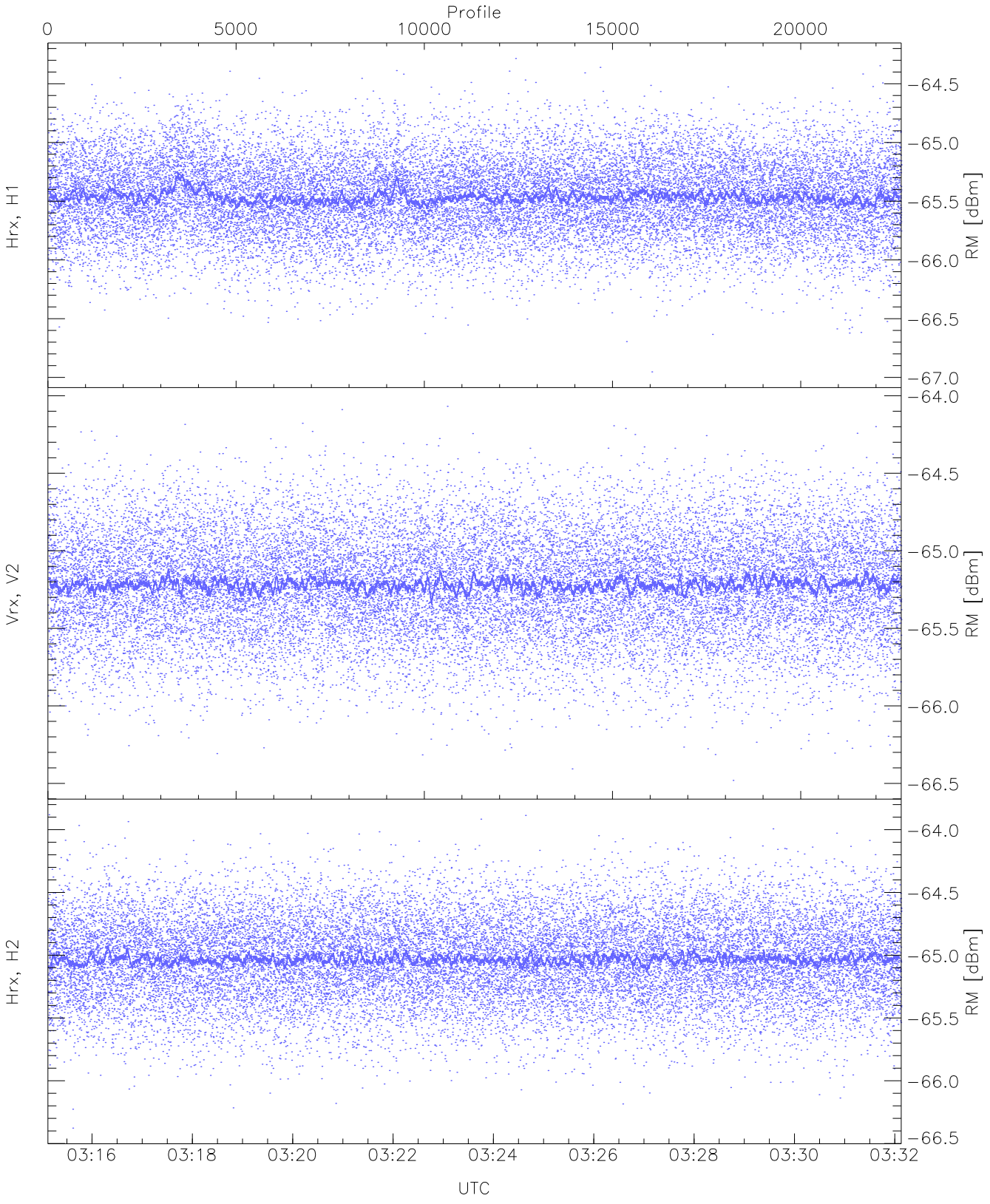
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.27	-63.90	-65.02	-65.03	-76.52
Vrx, V2(WL [dBm])	-66.42	-64.07	-65.16	-65.17	-76.66
Hrx, H2(WL [dBm])	-66.25	-63.83	-65.02	-65.03	-76.54



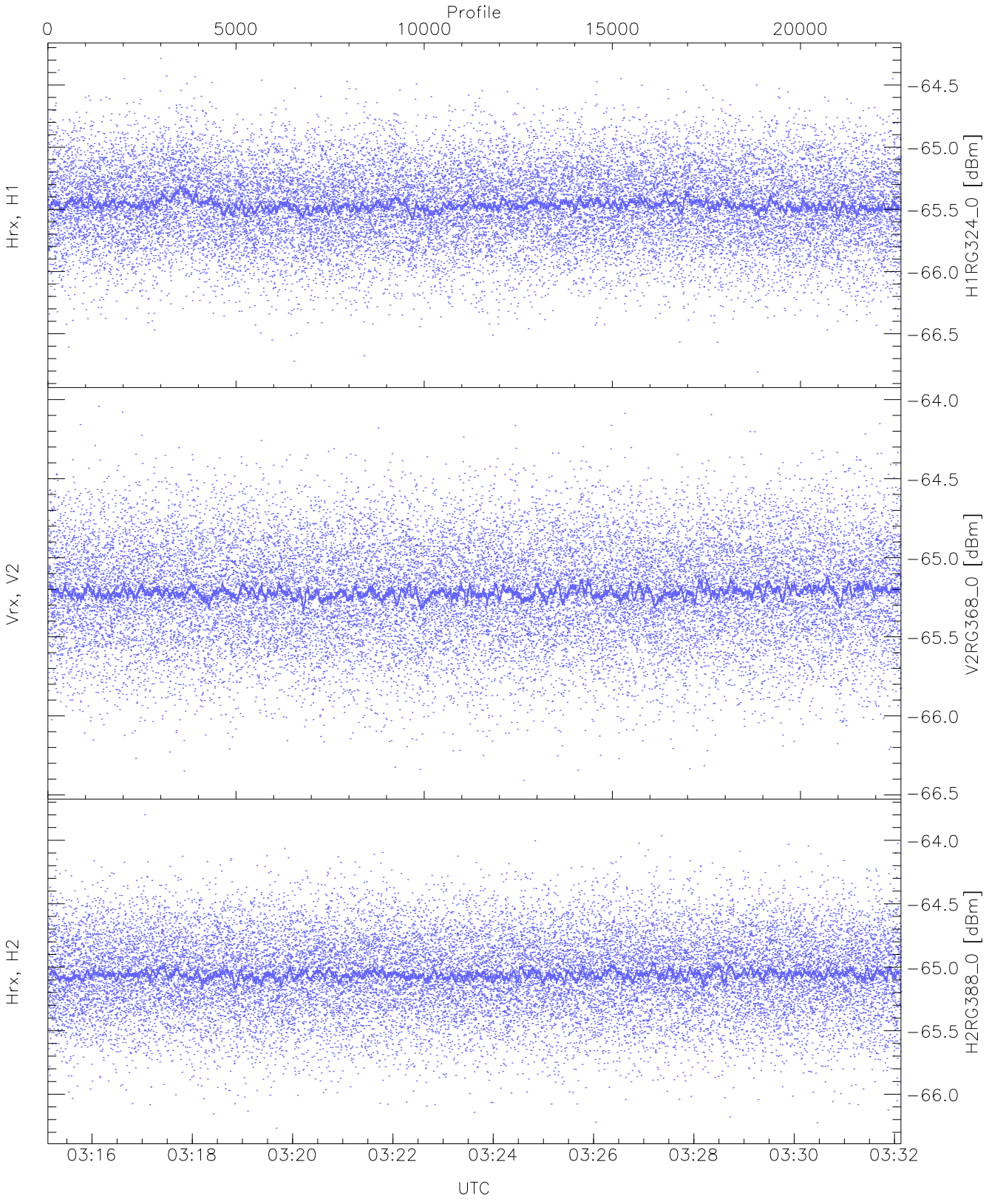
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.12	-63.75	-64.84	-64.85	-76.33
Vrx, V2(HL [dBm])	-66.29	-63.83	-65.00	-65.00	-76.51
Hrx, H2(HL [dBm])	-66.06	-63.69	-64.85	-64.85	-76.35



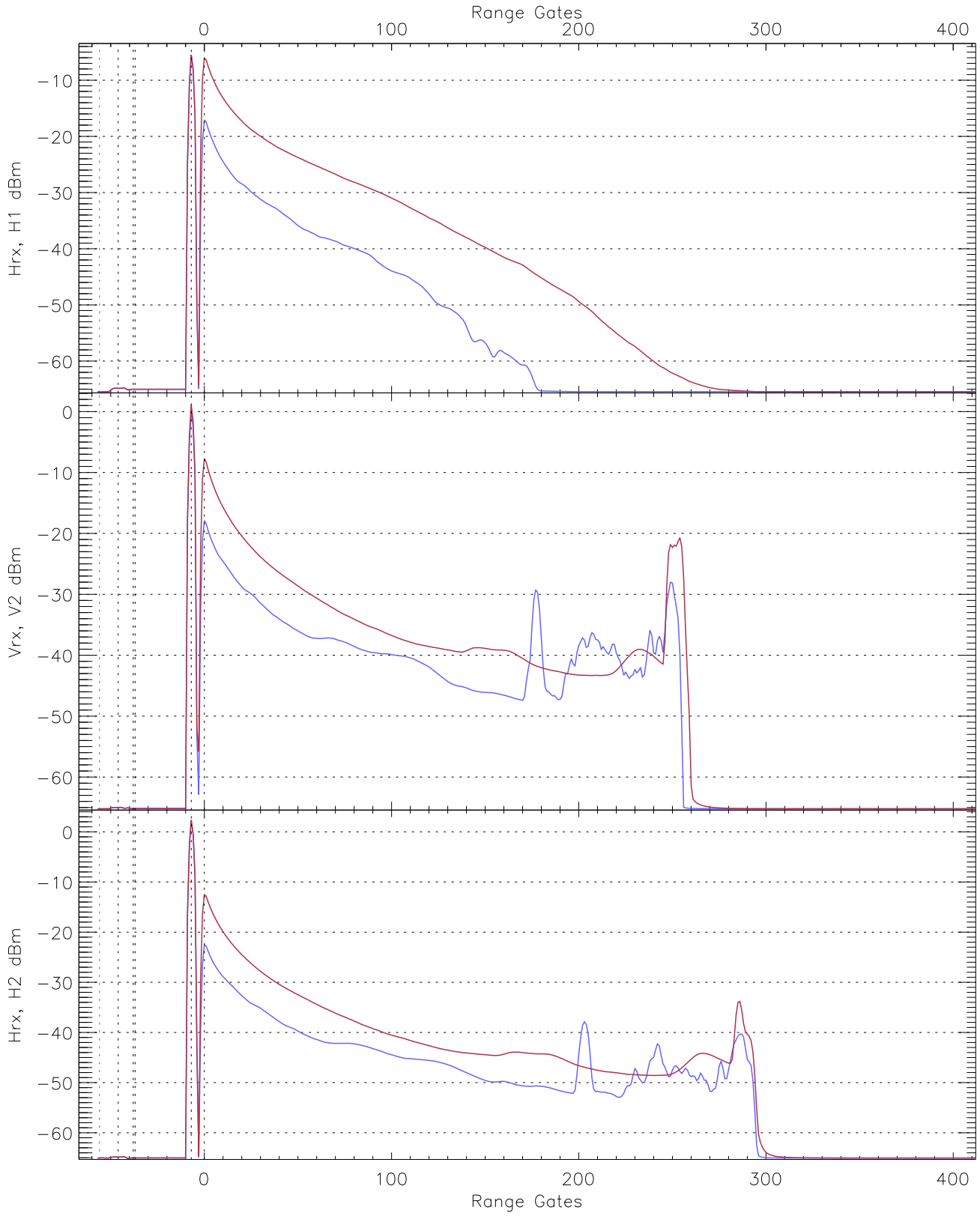
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.95	-64.29	-65.46	-65.46	-76.94
Vrx, V2(RM [dBm])	-66.48	-64.07	-65.21	-65.22	-76.71
Hrx, H2(RM [dBm])	-66.38	-63.88	-65.03	-65.03	-76.50

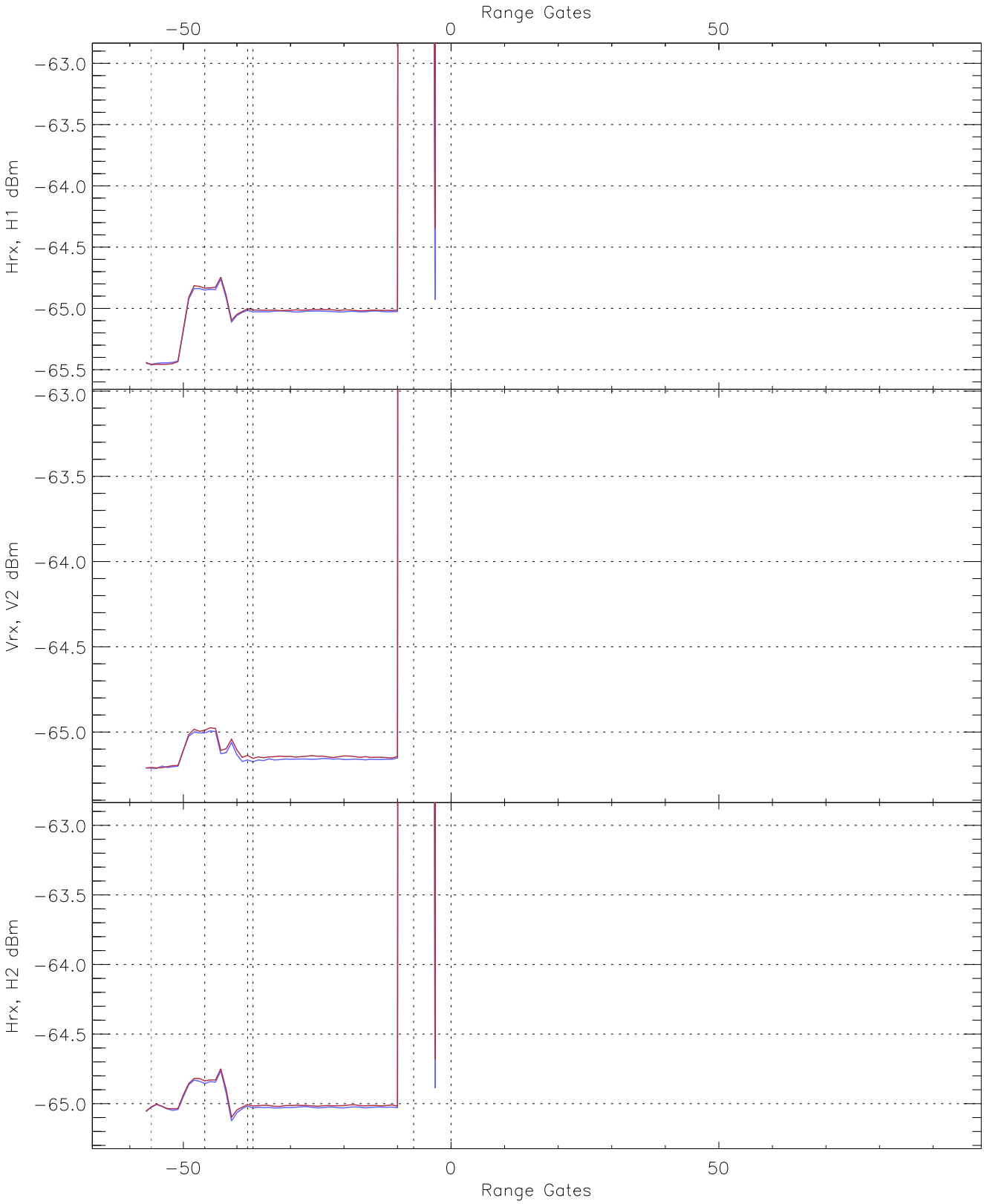


WCR3 CPP "Best" estimate Receivers Noise Power

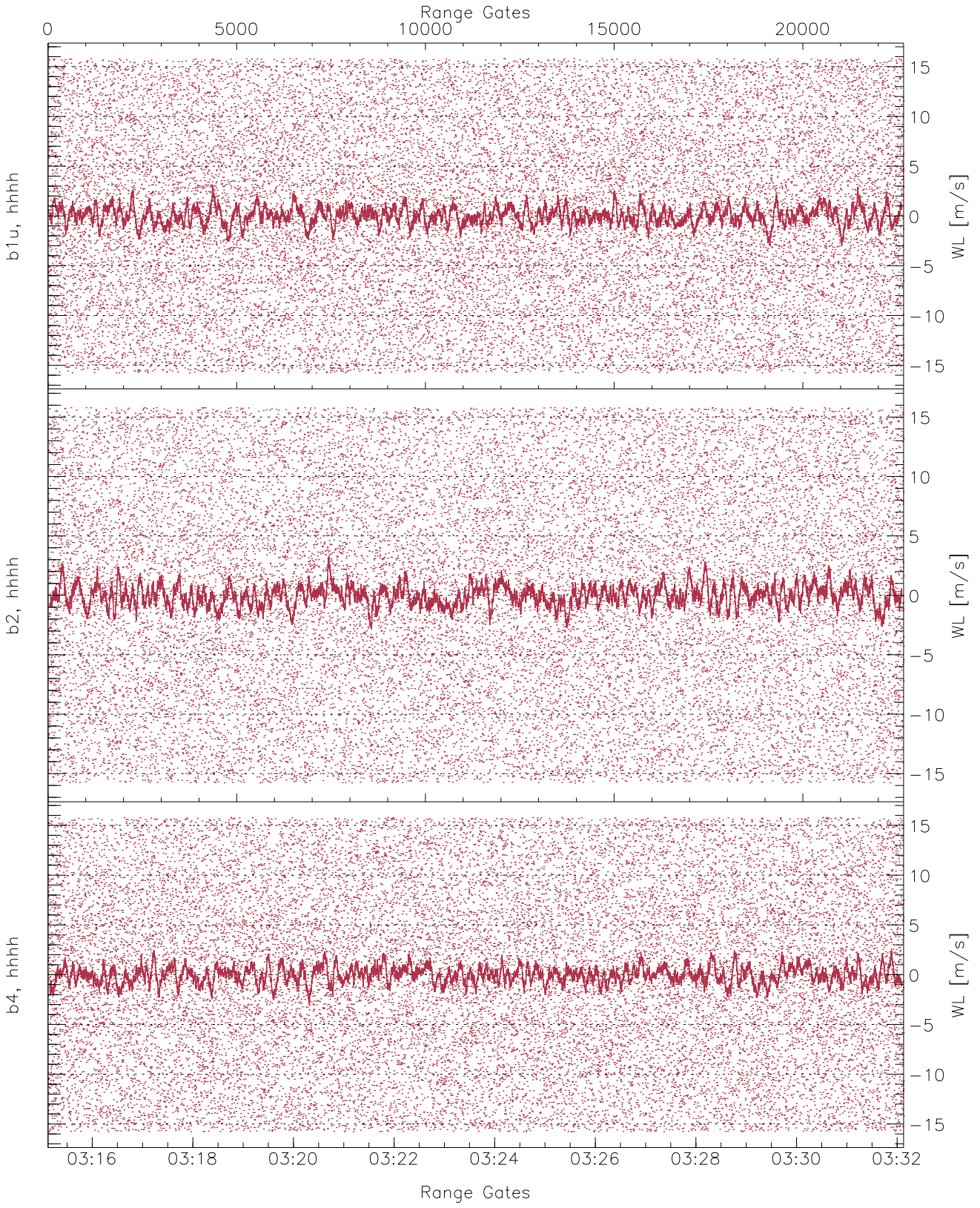
	Min	Max	Mean	Median	StDev
H1RG324_0 [dBm]	-66.81	-64.29	-65.46	-65.46	-76.97
V2RG368_0 [dBm]	-66.41	-64.04	-65.21	-65.22	-76.69
H2RG388_0 [dBm]	-66.27	-63.80	-65.05	-65.06	-76.57



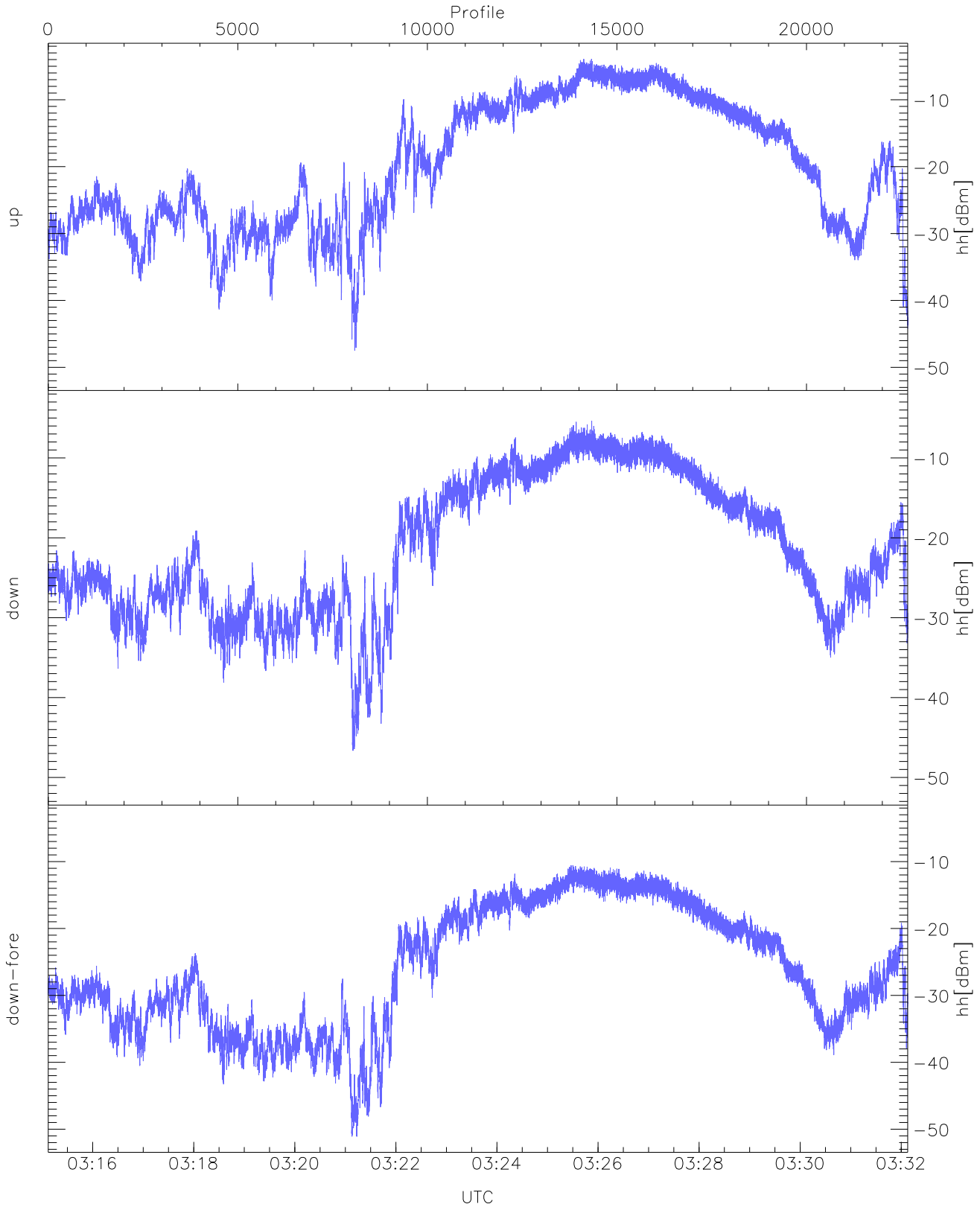
WCR3 CPP Averaged Received power for all recorded gates
blue: 031507-032337, 11337 profiles averaged
red: 032337-033208, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 031507-032337, 11337 profiles averaged
red: 032337-033208, 11336 profiles averaged

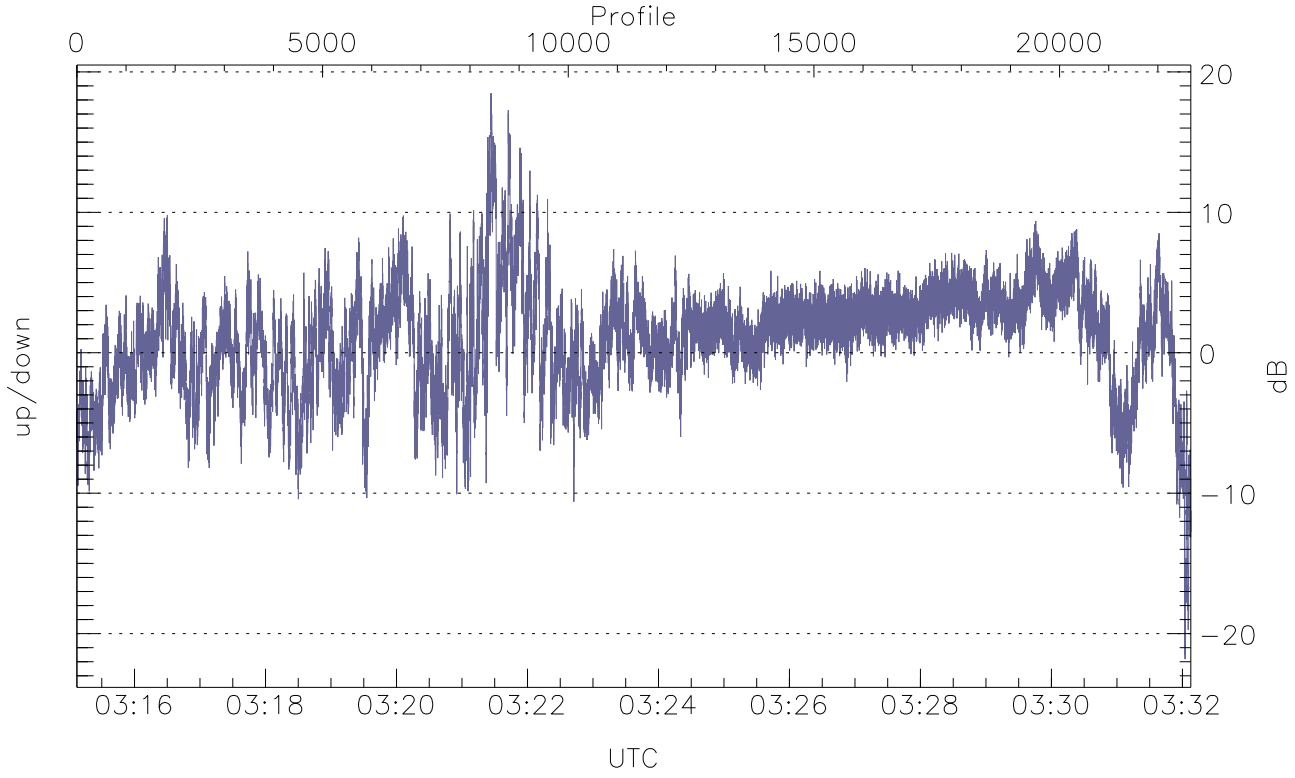


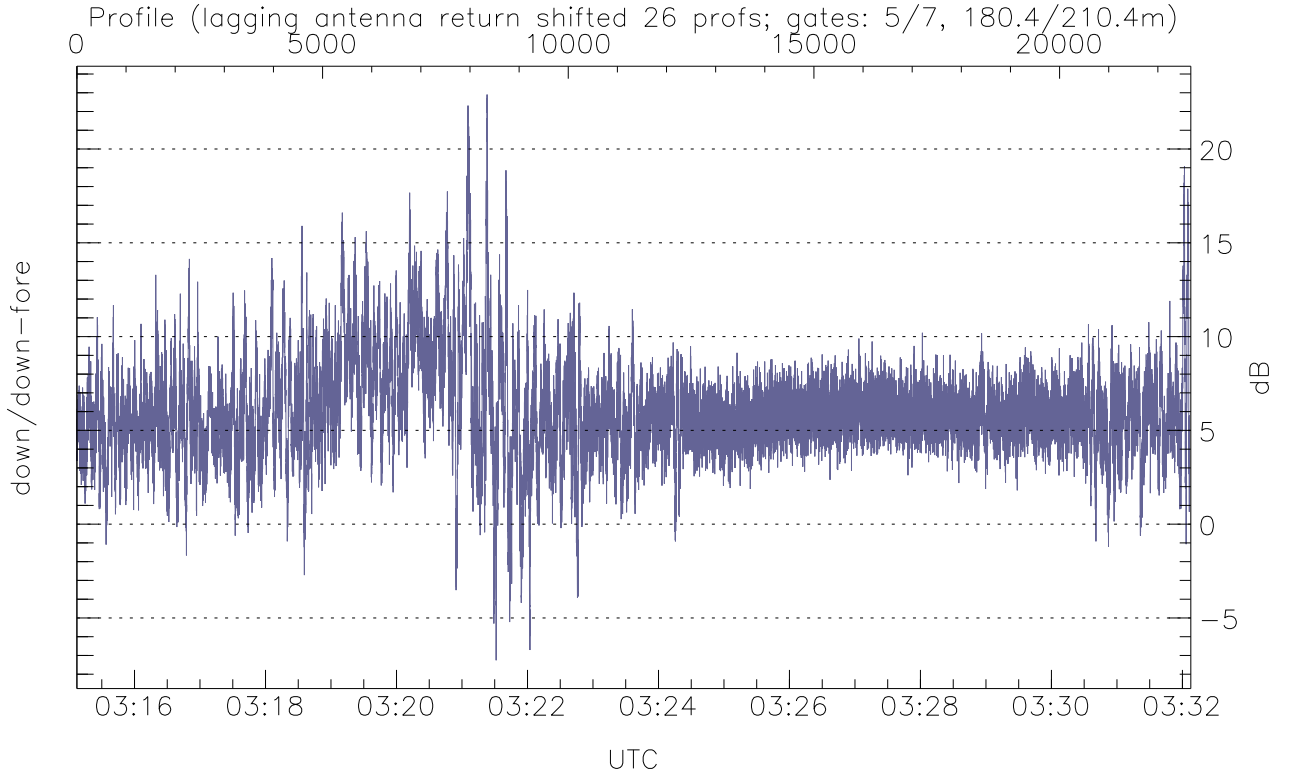
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

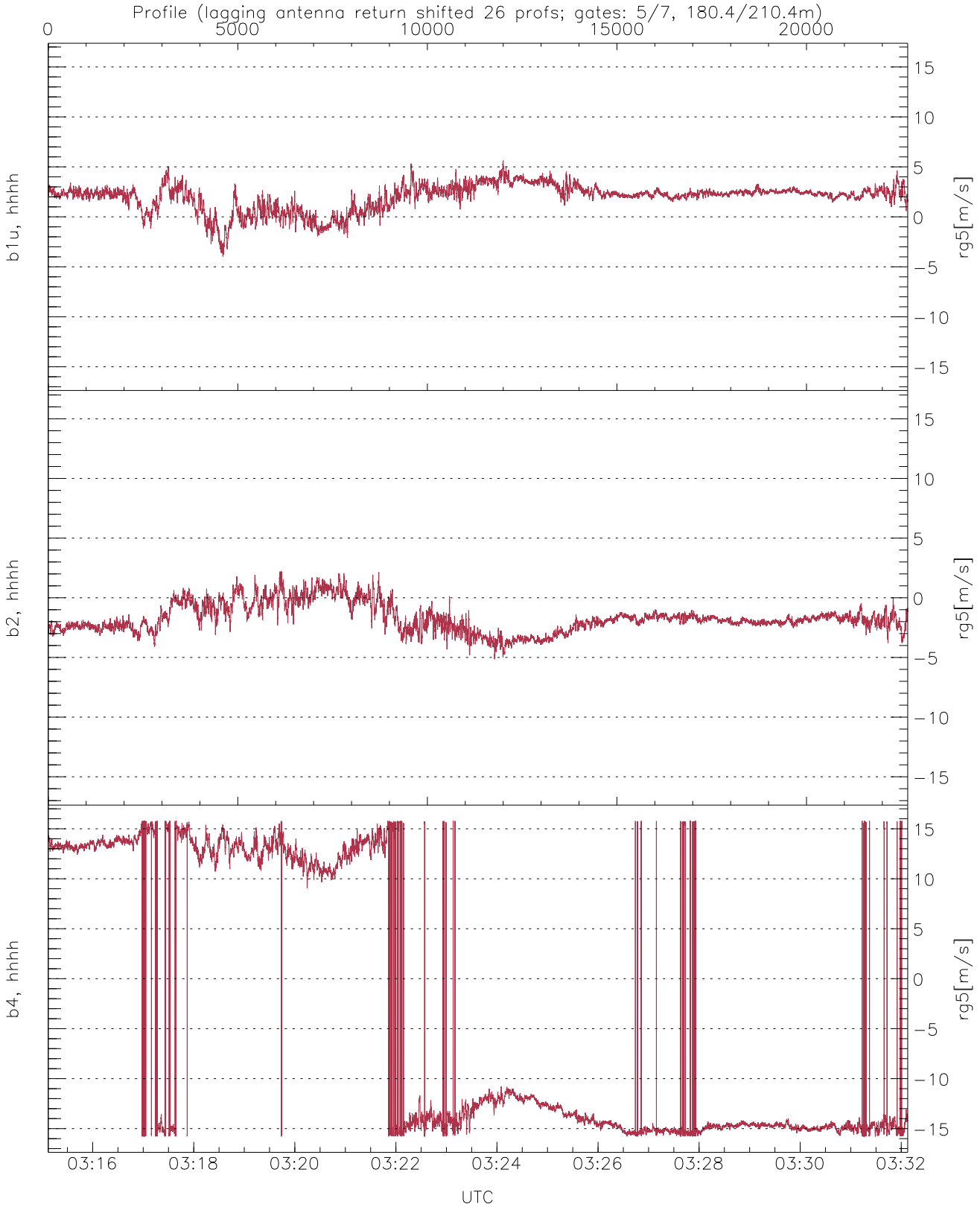
	Min	Max	Mean
up(hh[dBm])	-47.49	-3.91	-12.78
down(hh[dBm])	-46.65	-5.35	-14.85
down-fore(hh[dBm])	-51.10	-10.54	-19.17





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

	Min	Max	Mean
up/down(dB)	-21.81	18.47	1.12
down/down-fore(dB)	-7.26	22.91	6.08



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.97	5.63	1.96	1.33
b2, hhhh(rg5[m/s])	-5.15	2.25	-1.71	1.20
b4, hhhh(rg5[m/s])	-15.79	15.79	-3.43	13.53