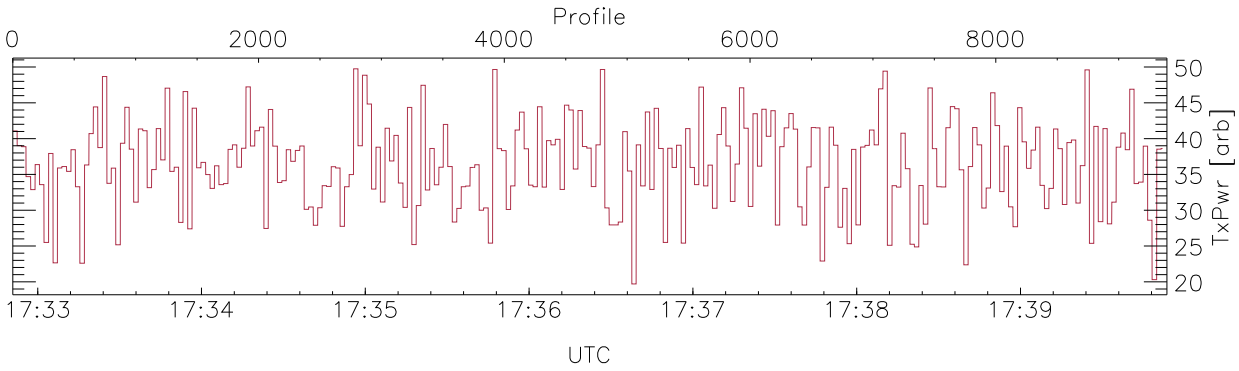
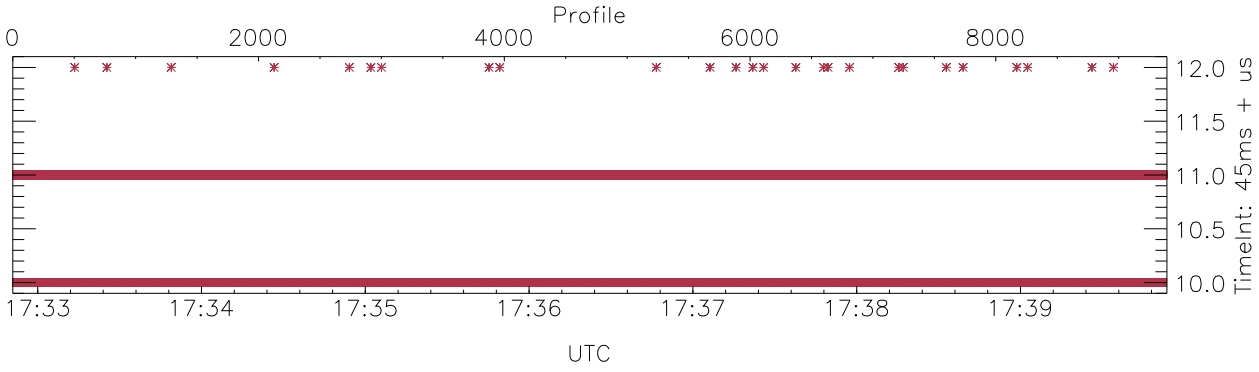
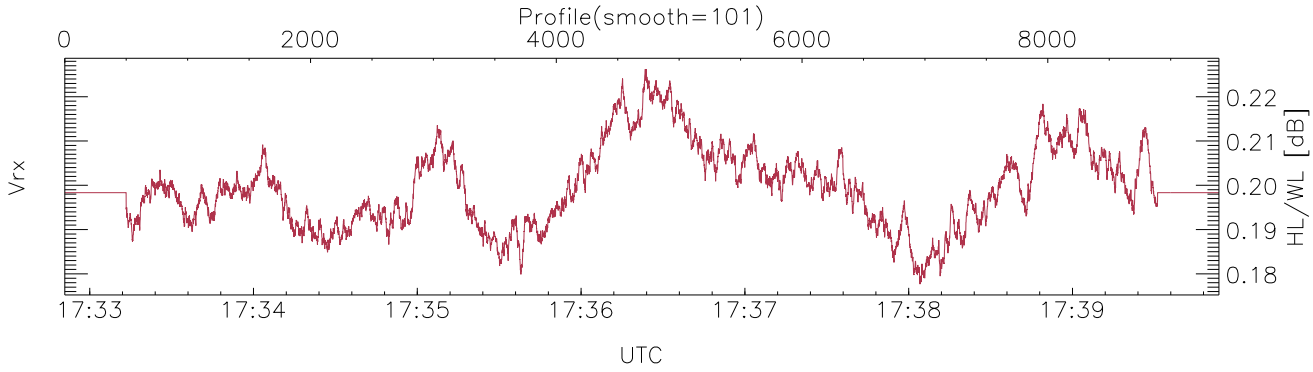
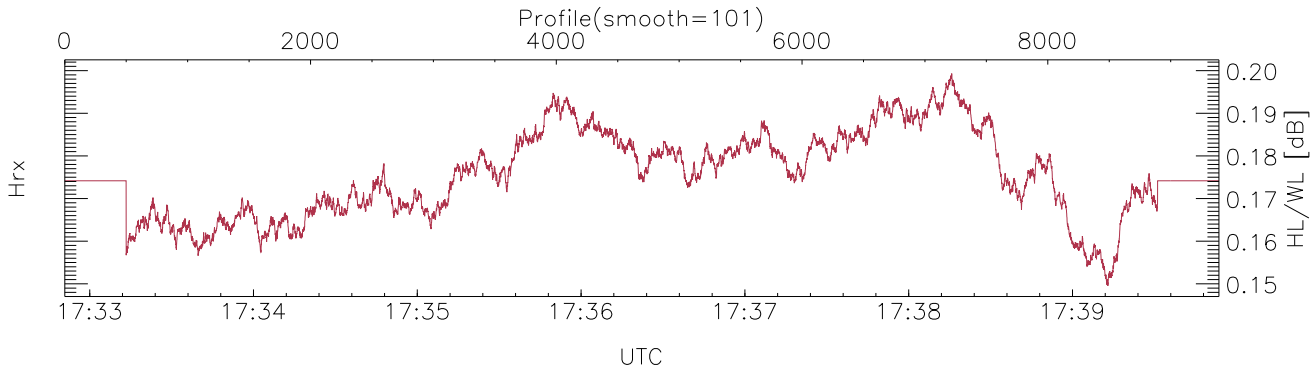


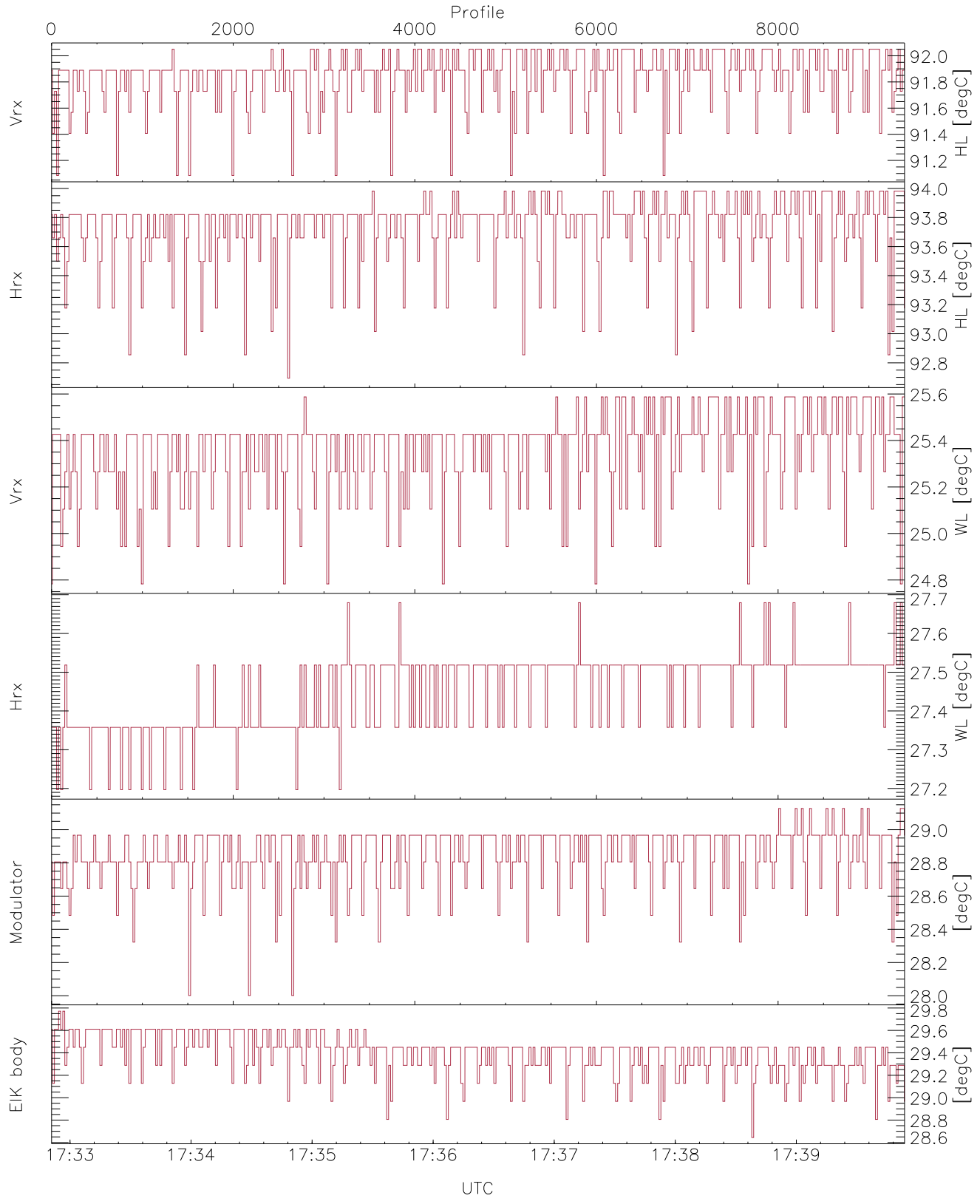






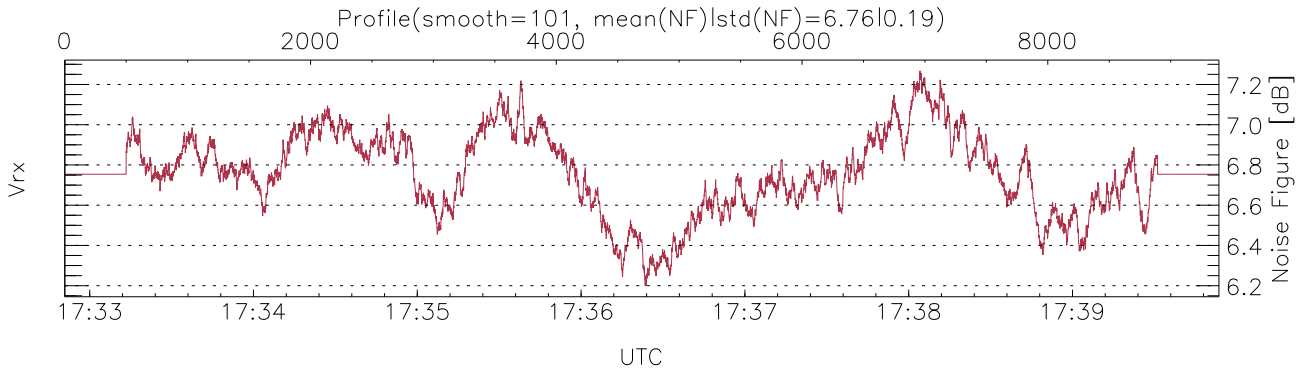
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

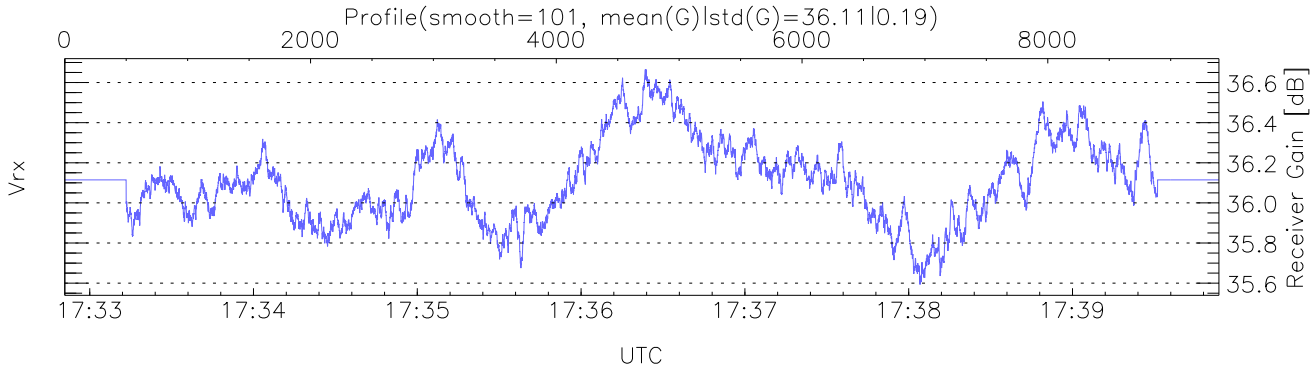
UTC: 17:32:51-17:39:54, TimeCor: 0.00s, Dur: 422.79s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 9394/9394, 0-9393/17:32:51-17:39:54
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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

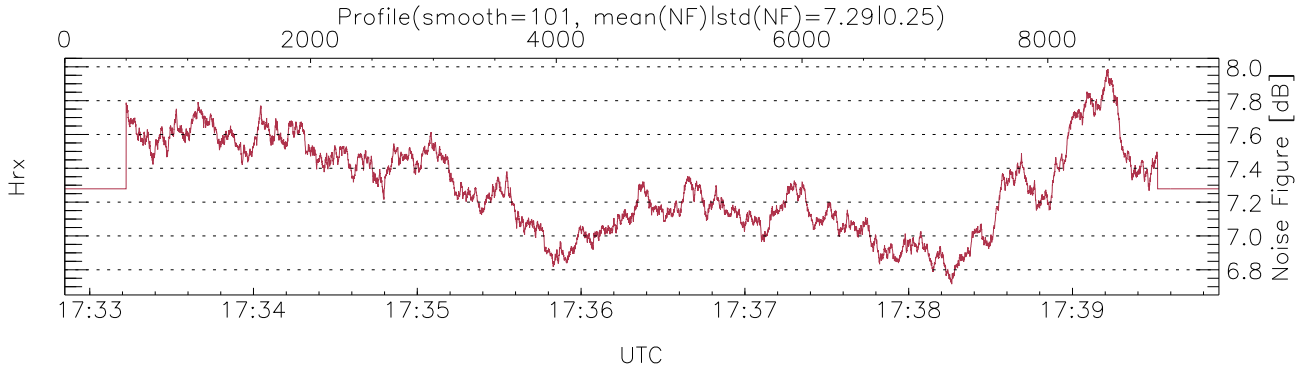


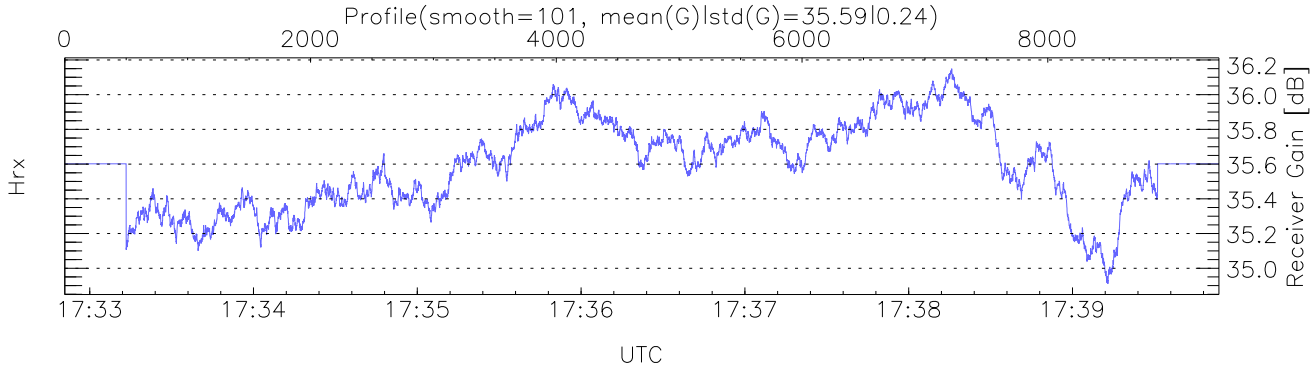
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



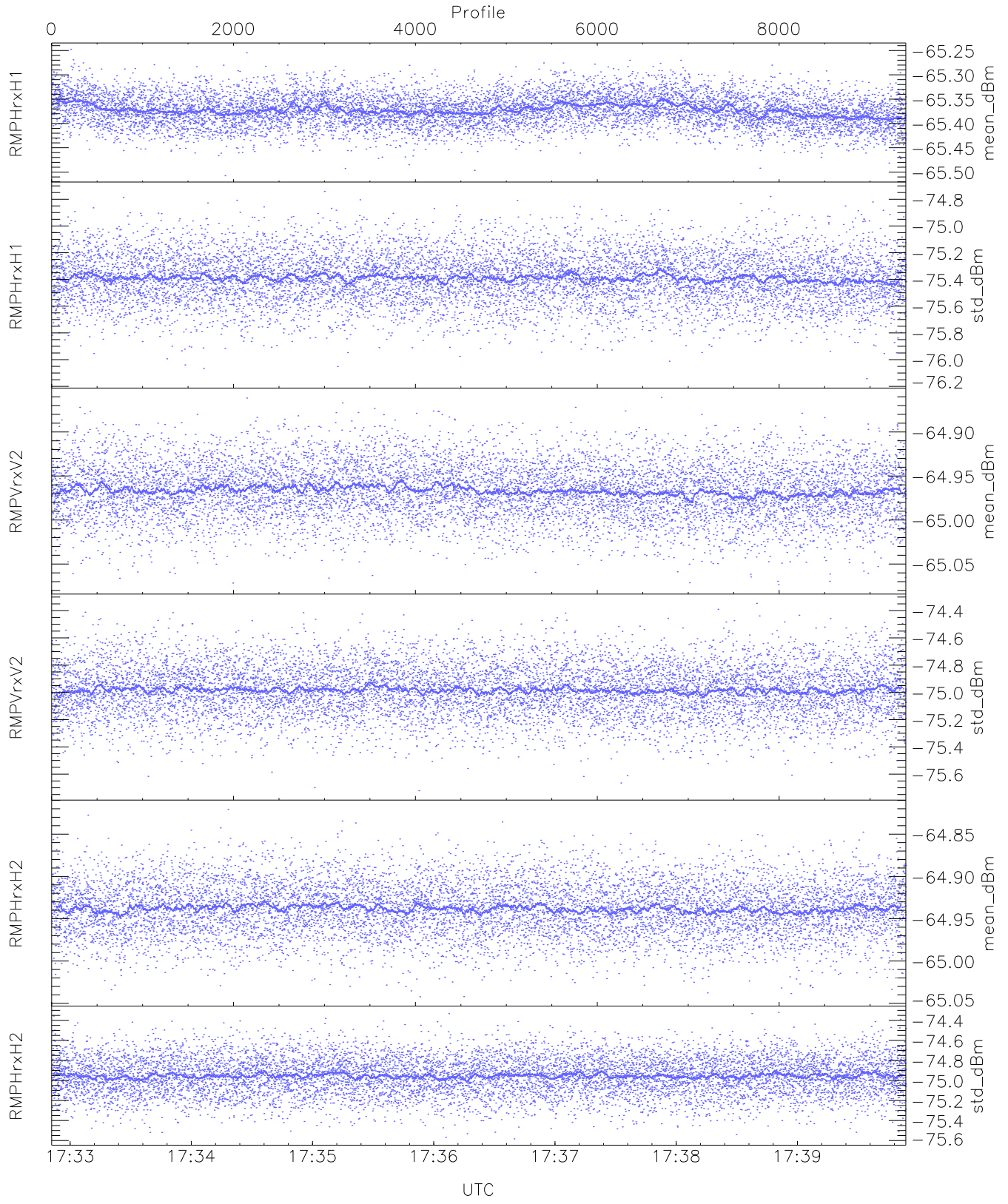






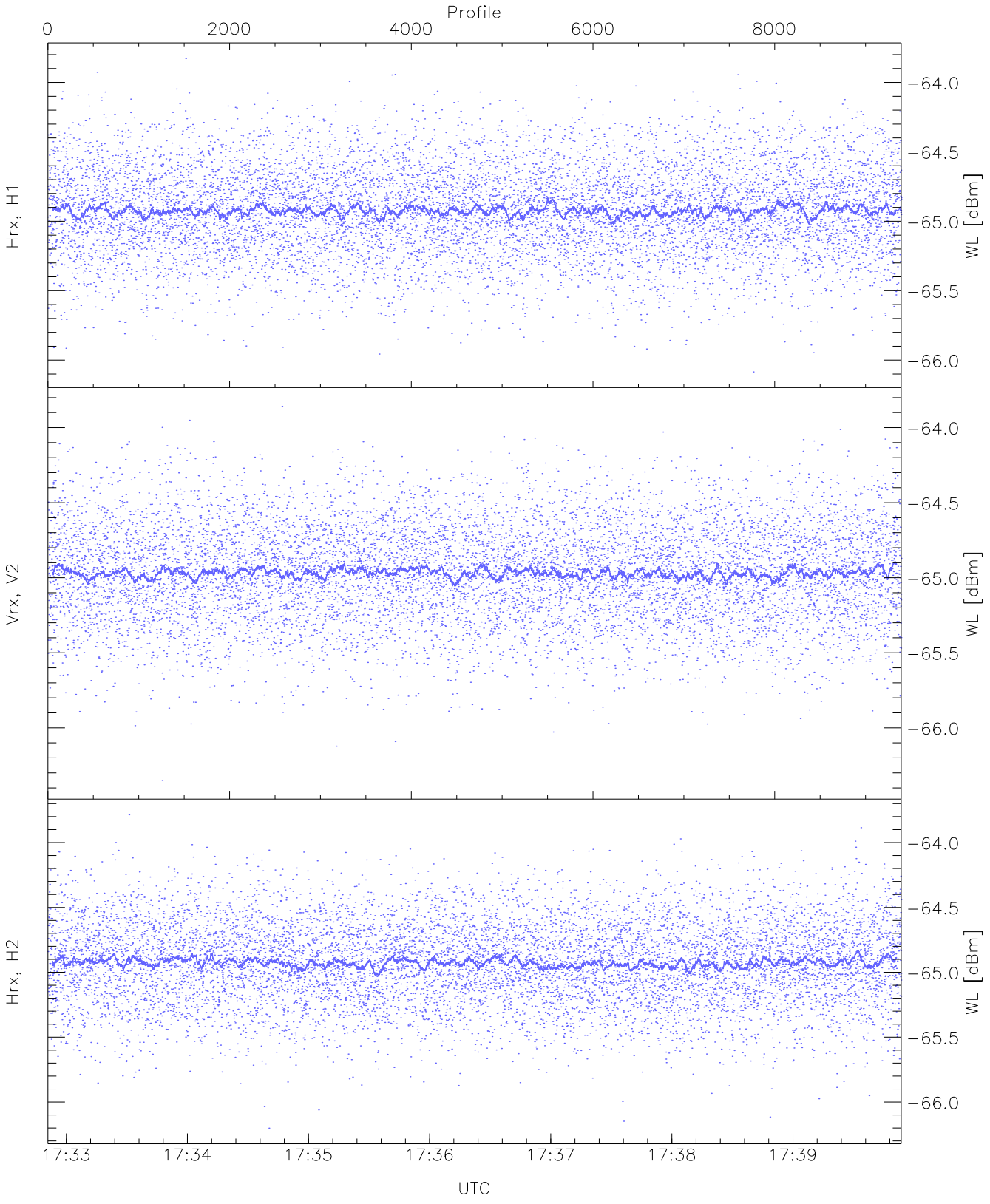
WCR3 CPP Receivers Gain and Noise Figure

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



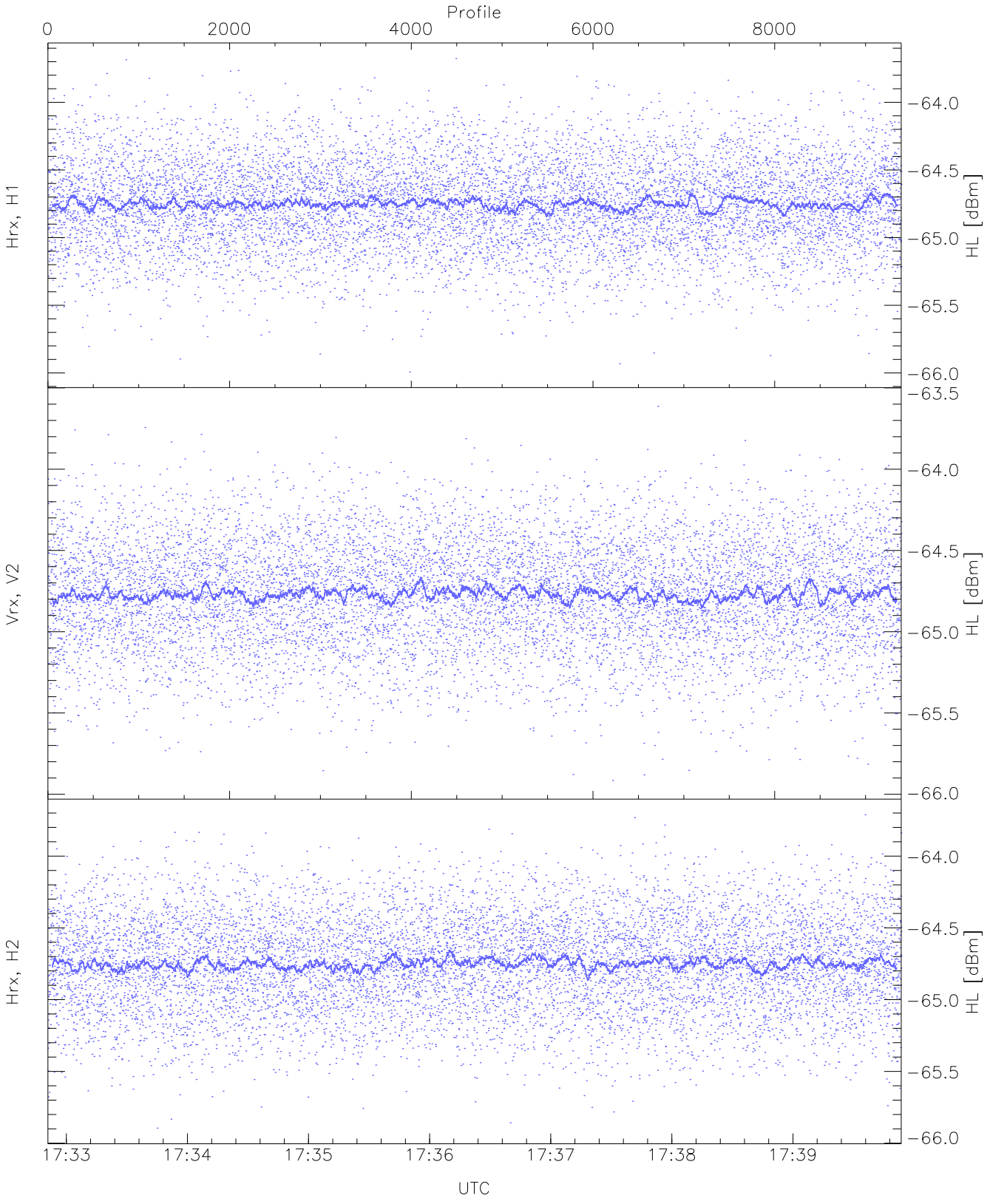
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.25	-65.37	-65.37	-86.77
RMPHrxH1(std_dBm)	-76.14	-74.74	-75.39	-75.39	-89.15
RMPVrxV2(mean_dBm)	-65.07	-64.86	-64.97	-64.97	-86.55
RMPVrxV2(std_dBm)	-75.72	-74.35	-74.98	-74.98	-88.77
RMPHrxH2(mean_dBm)	-65.04	-64.82	-64.94	-64.94	-86.55
RMPHrxH2(std_dBm)	-75.58	-74.32	-74.95	-74.95	-88.77



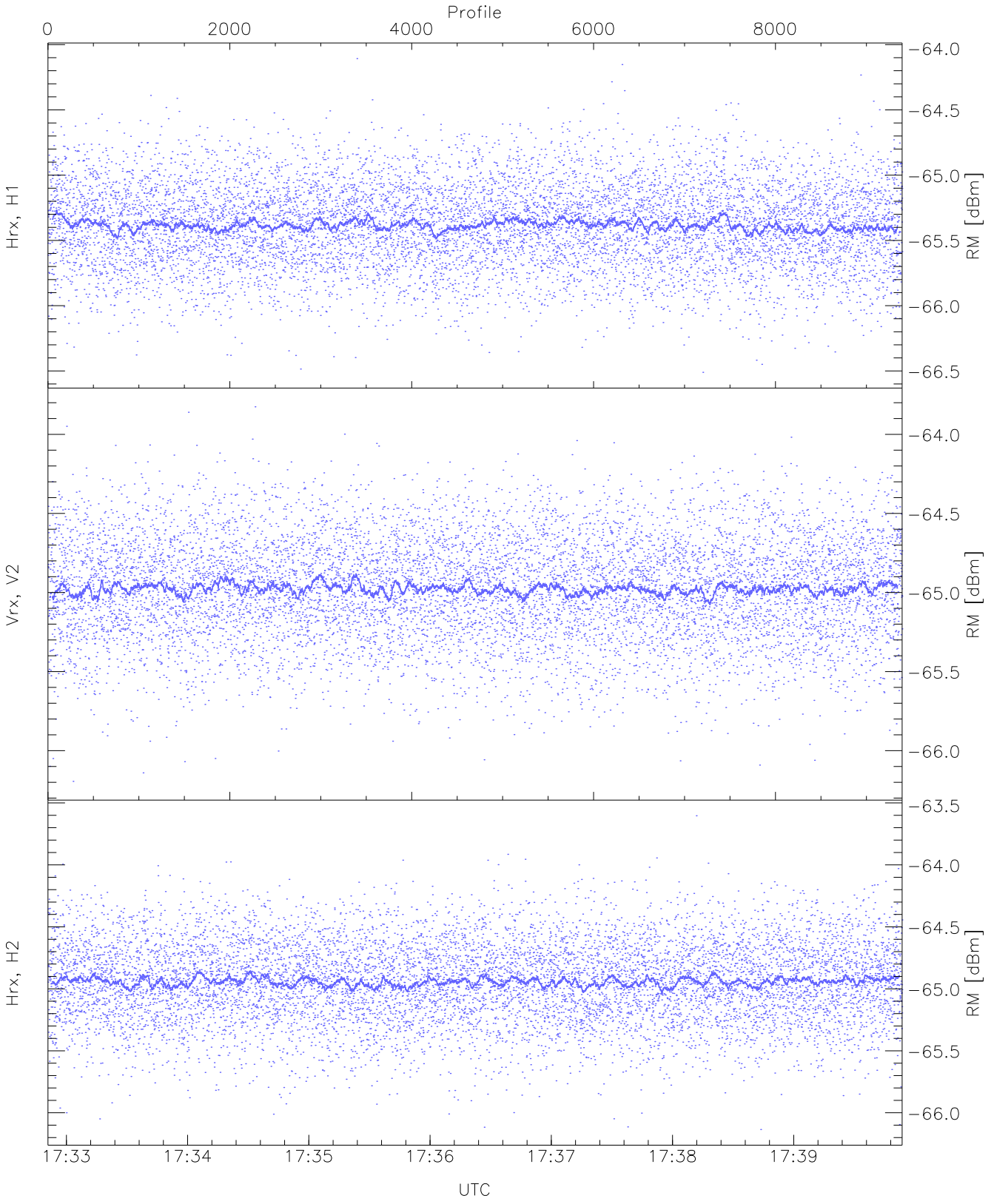
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.09	-63.83	-64.92	-64.92	-76.45
Vrx, V2(WL [dBm])	-66.35	-63.86	-64.96	-64.97	-76.43
Hrx, H2(WL [dBm])	-66.20	-63.79	-64.92	-64.92	-76.48



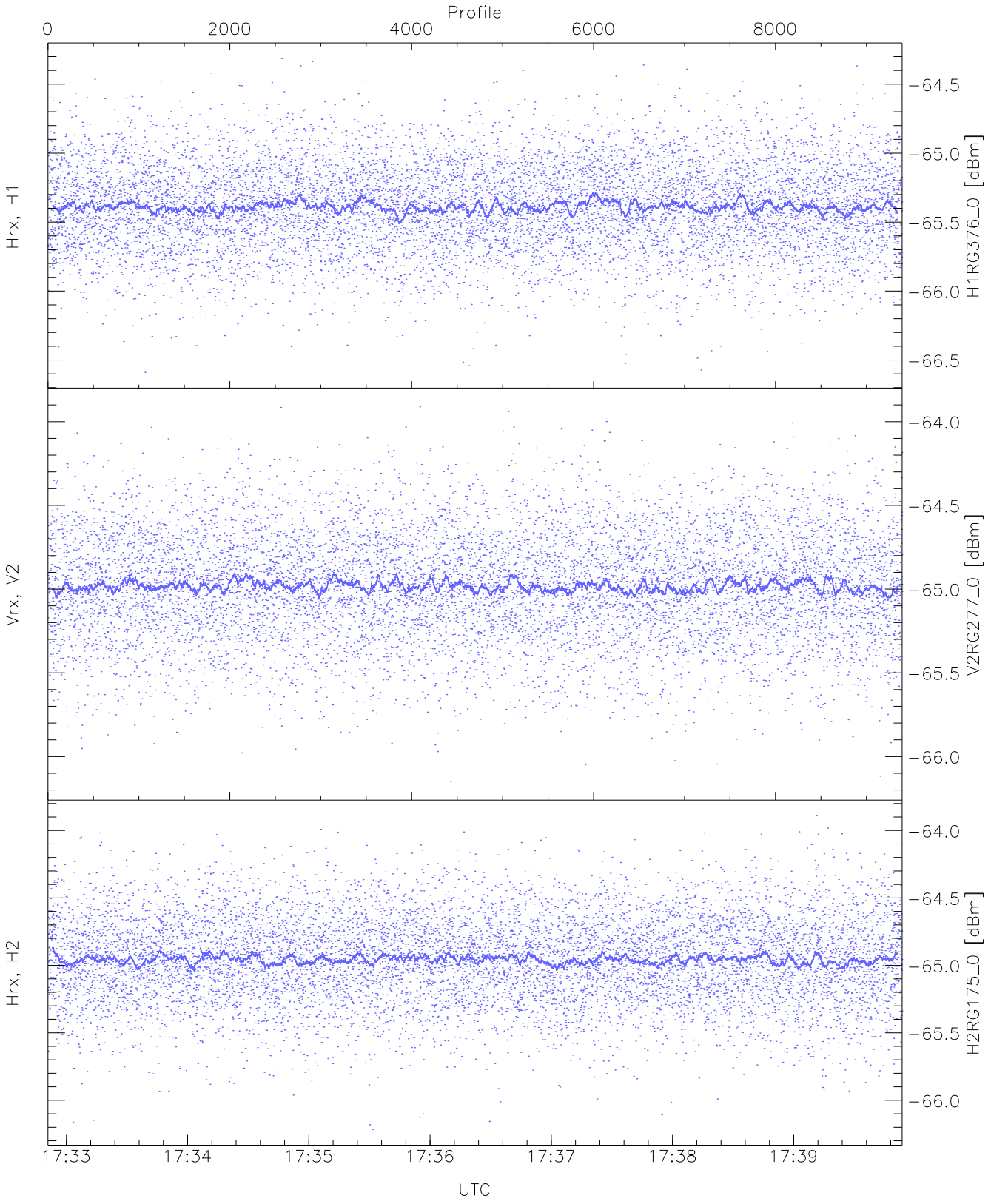
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.99	-63.68	-64.74	-64.75	-76.26
Vrx, V2(HL [dBm])	-65.91	-63.61	-64.76	-64.76	-76.24
Hrx, H2(HL [dBm])	-65.89	-63.71	-64.74	-64.75	-76.21



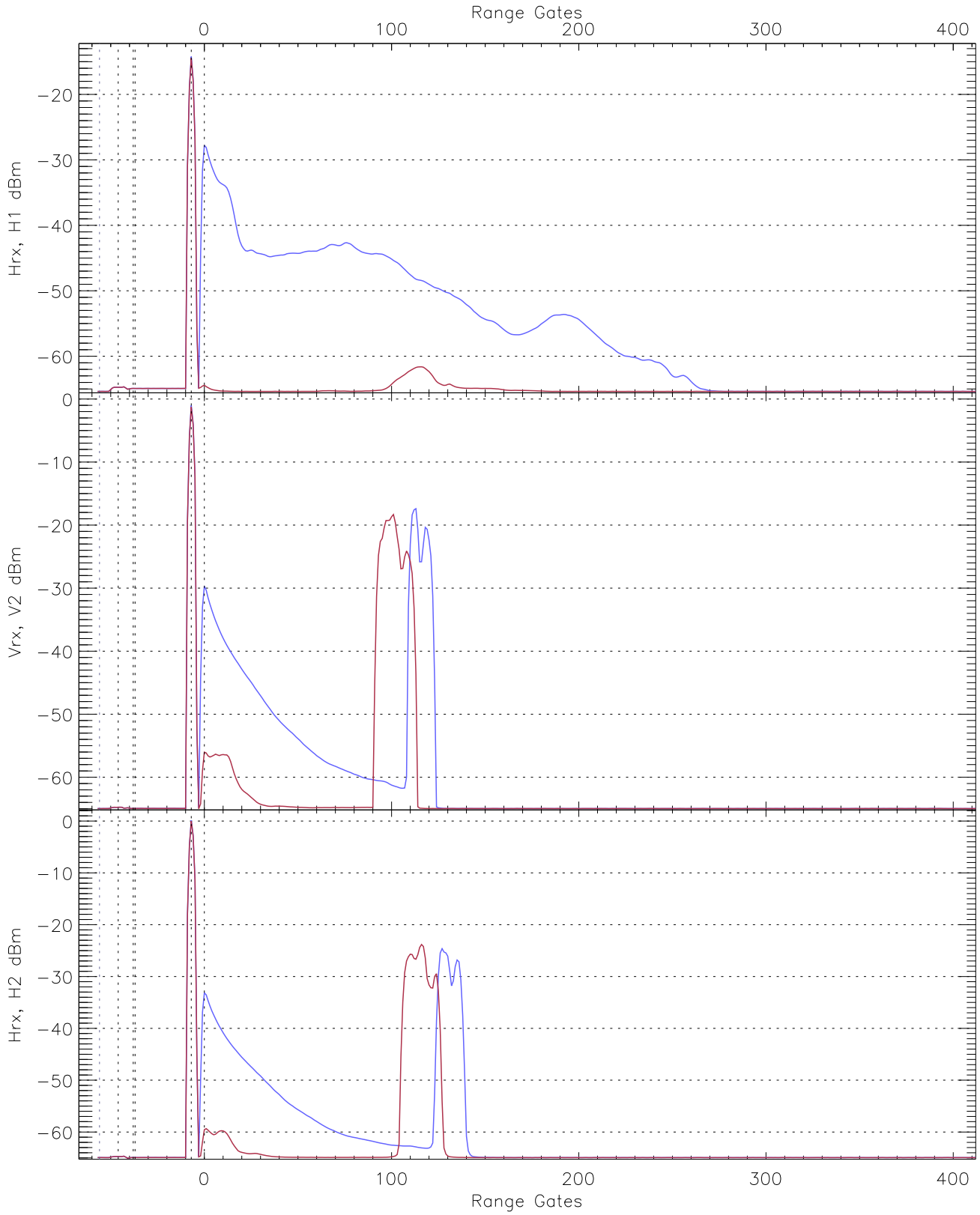
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.51	-64.11	-65.38	-65.38	-76.87
Vrx, V2(RM [dBm])	-66.19	-63.83	-64.97	-64.97	-76.45
Hrx, H2(RM [dBm])	-66.14	-63.60	-64.93	-64.94	-76.36

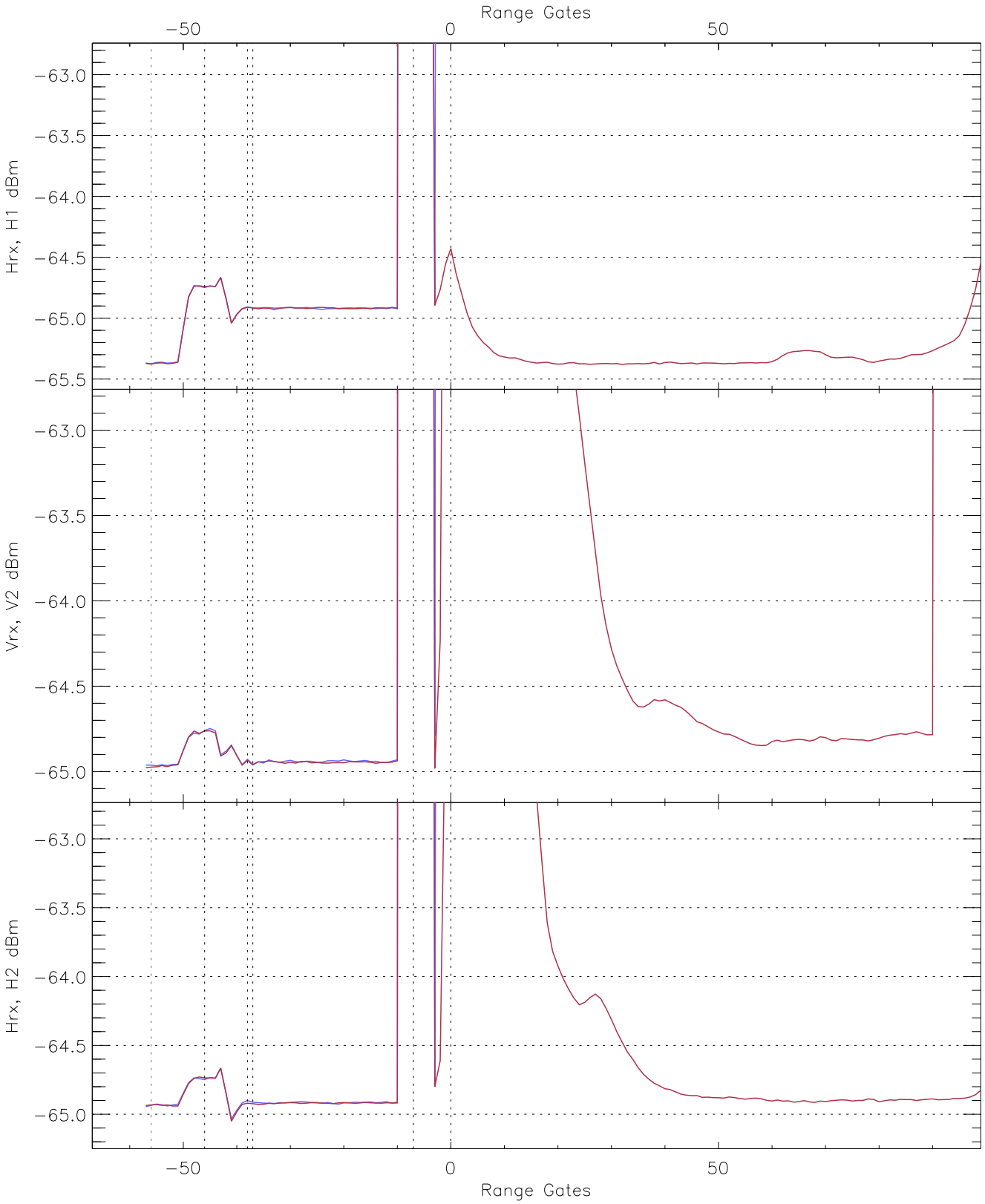


WCR3 CPP "Best" estimate Receivers Noise Power

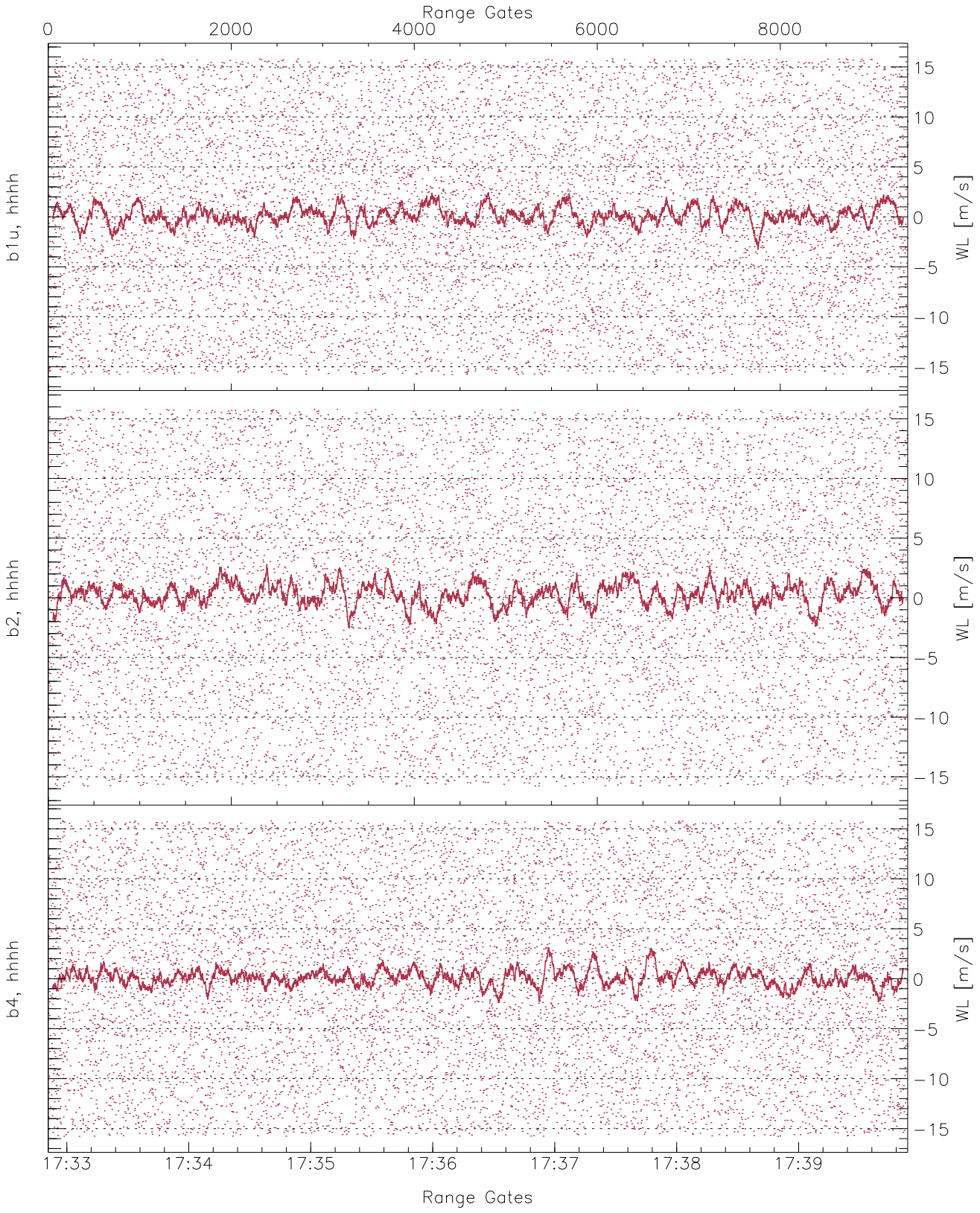
	Min	Max	Mean	Median	StDev
H1RG376_0 [dBm]	-66.59	-64.31	-65.38	-65.39	-76.92
V2RG277_0 [dBm]	-66.15	-63.91	-64.97	-64.98	-76.48
H2RG175_0 [dBm]	-66.22	-63.89	-64.95	-64.96	-76.47



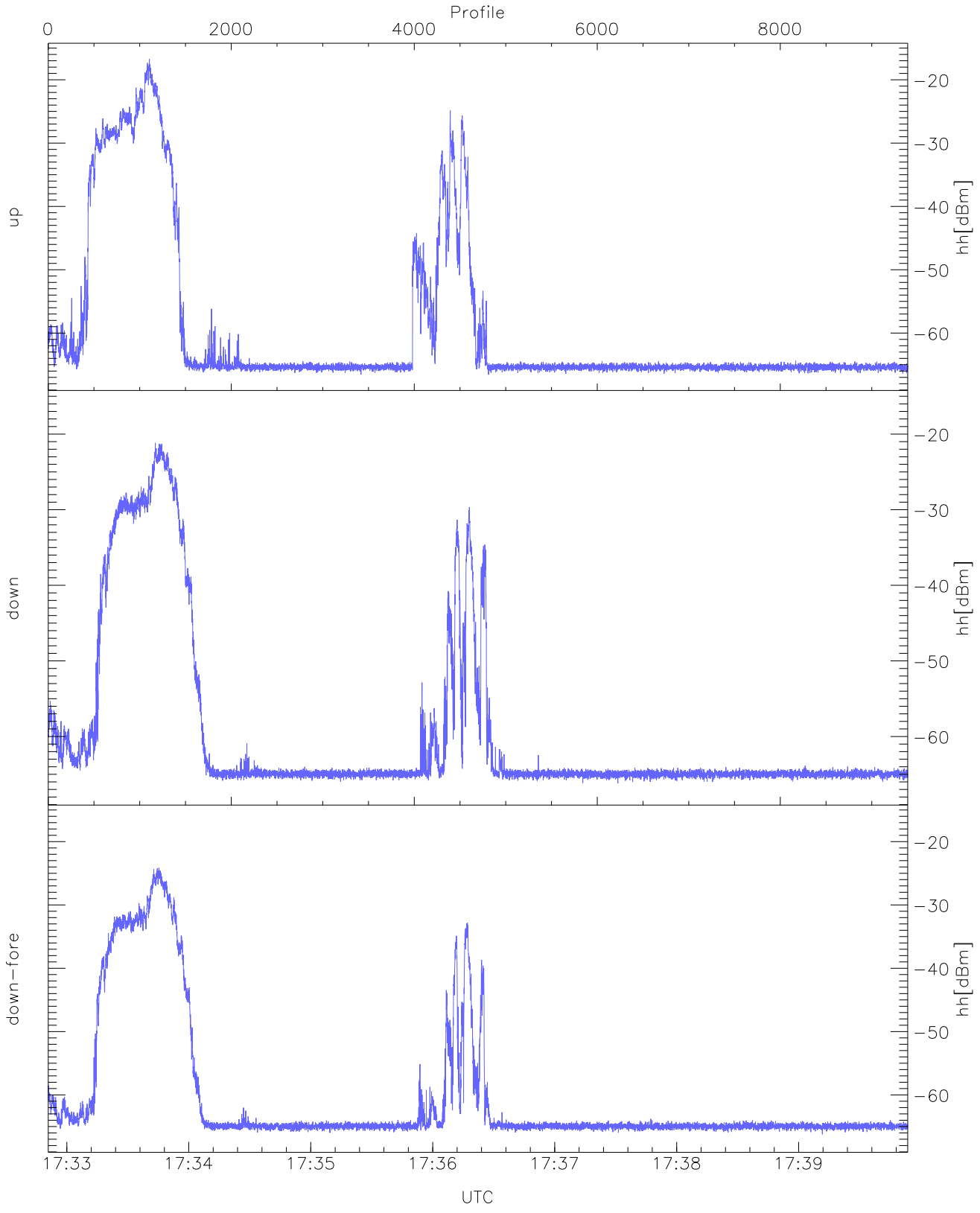
WCR3 CPP Averaged Received power for all recorded gates
blue: 173251-173622, 4698 profiles averaged
red: 173622-173954, 4697 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 173251-173622, 4698 profiles averaged
red: 173622-173954, 4697 profiles averaged

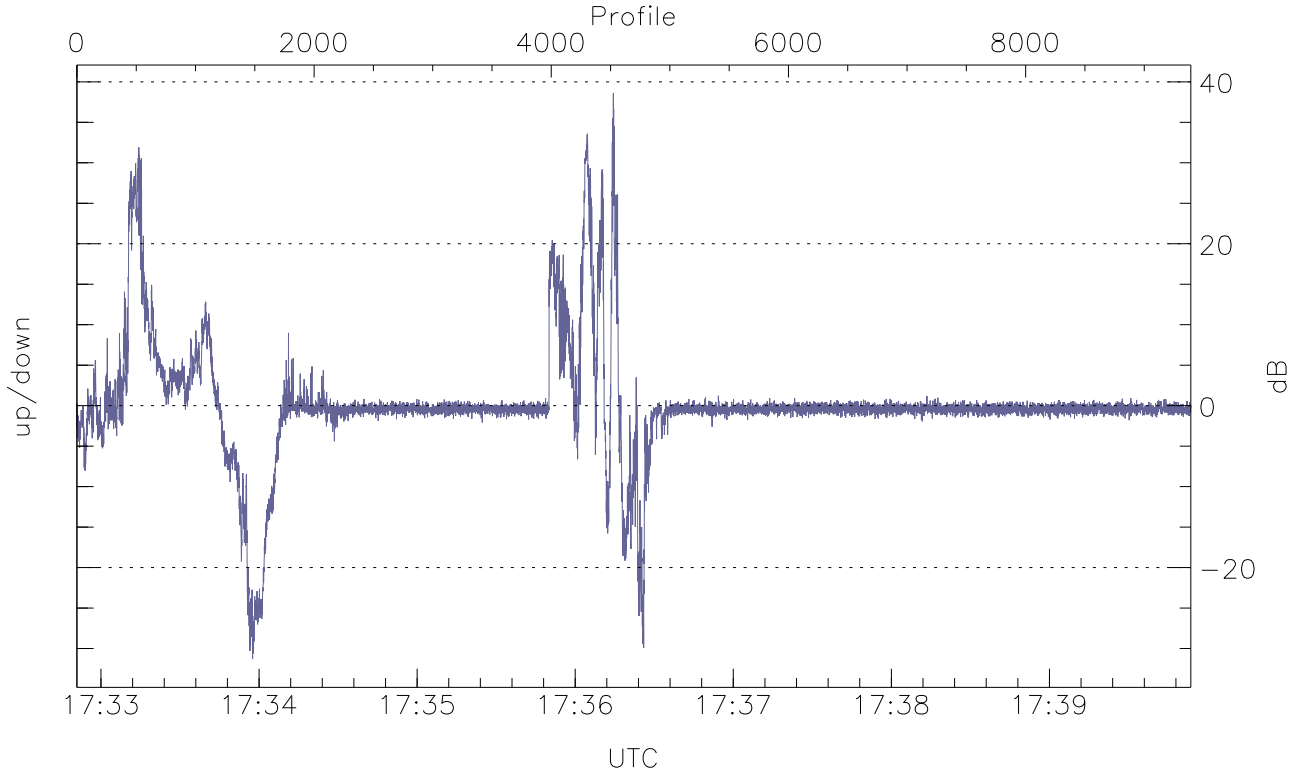


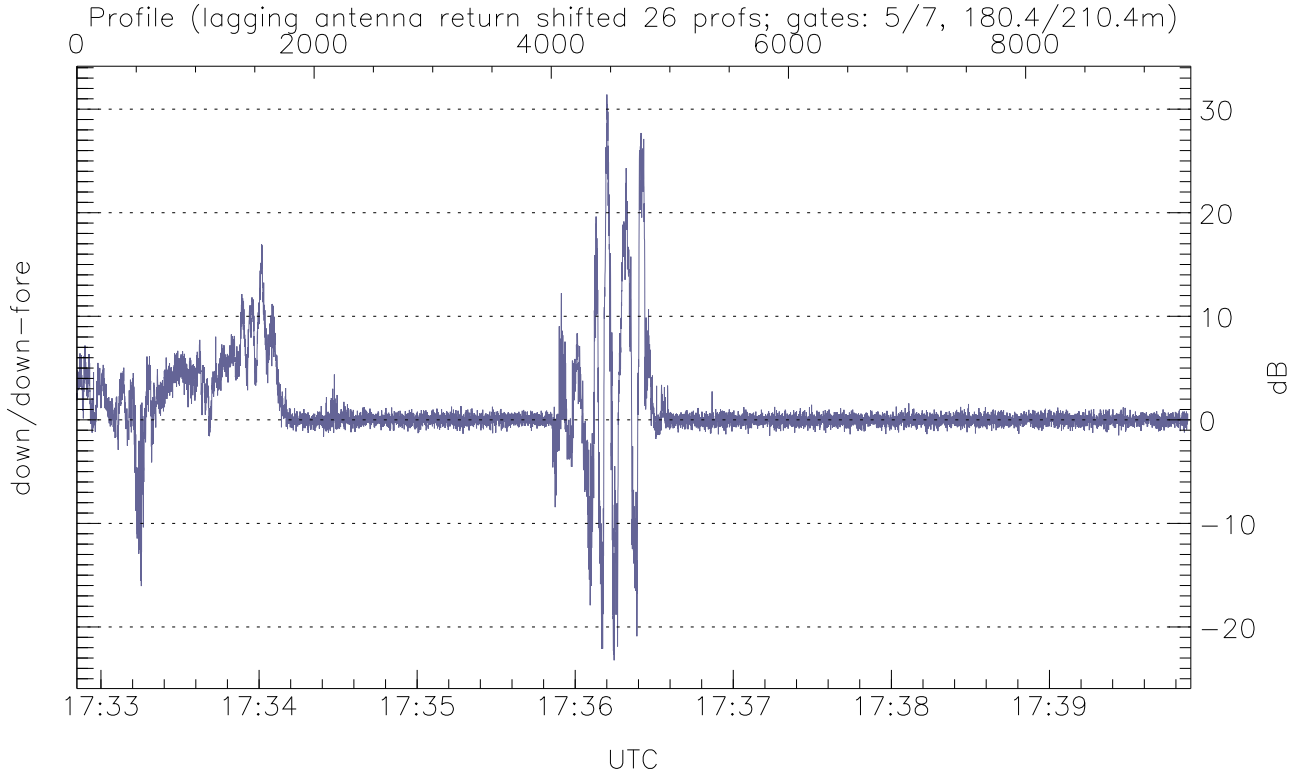
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

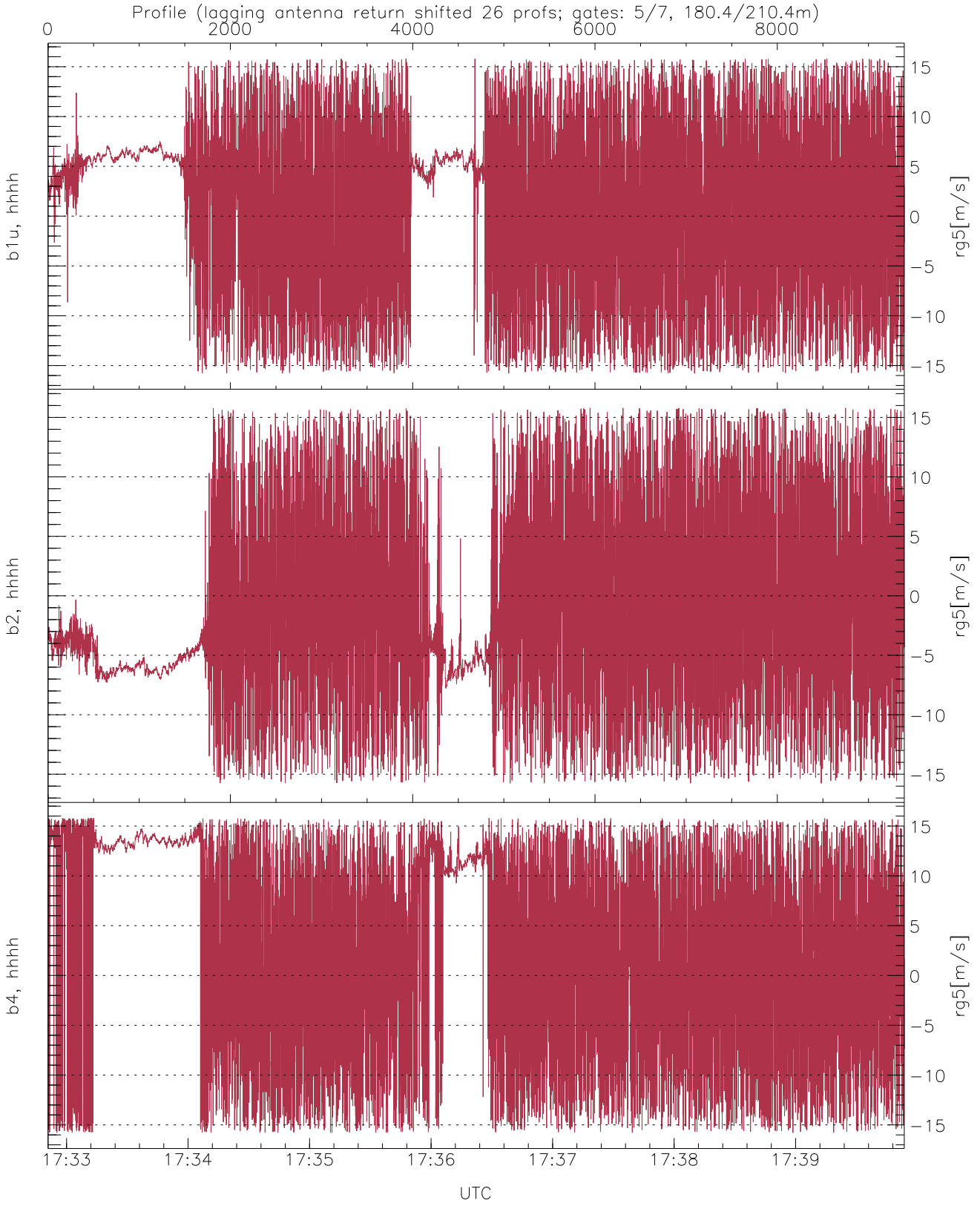
	Min	Max	Mean
up(hh[dBm])	-66.58	-16.72	-34.80
down(hh[dBm])	-66.17	-21.16	-37.33
down-fore(hh[dBm])	-66.23	-24.14	-40.40





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

	Min	Max	Mean
up/down(dB)	-31.30	38.58	0.08
down/down-fore(dB)	-23.22	31.42	0.94



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.38	7.95
b2, hhhh(rg5[m/s])	-15.76	15.79	-1.48	7.44
b4, hhhh(rg5[m/s])	-15.79	15.79	2.90	9.85