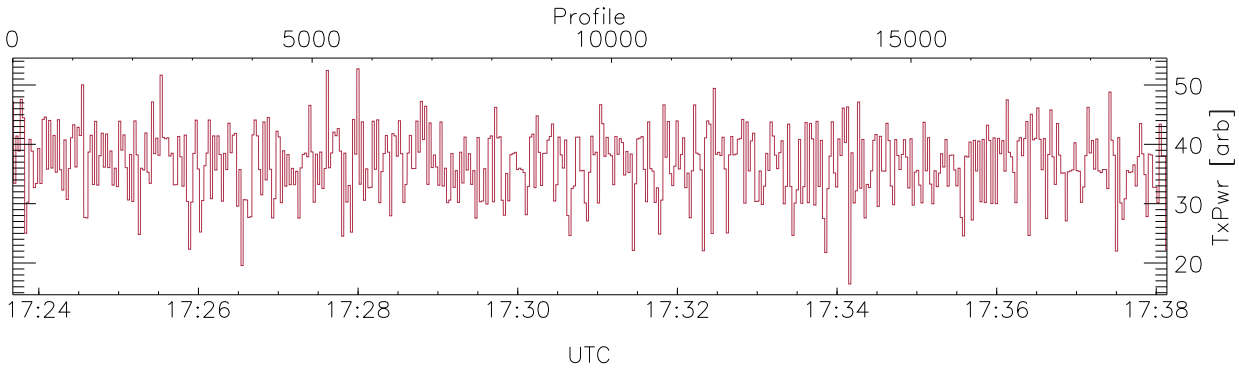
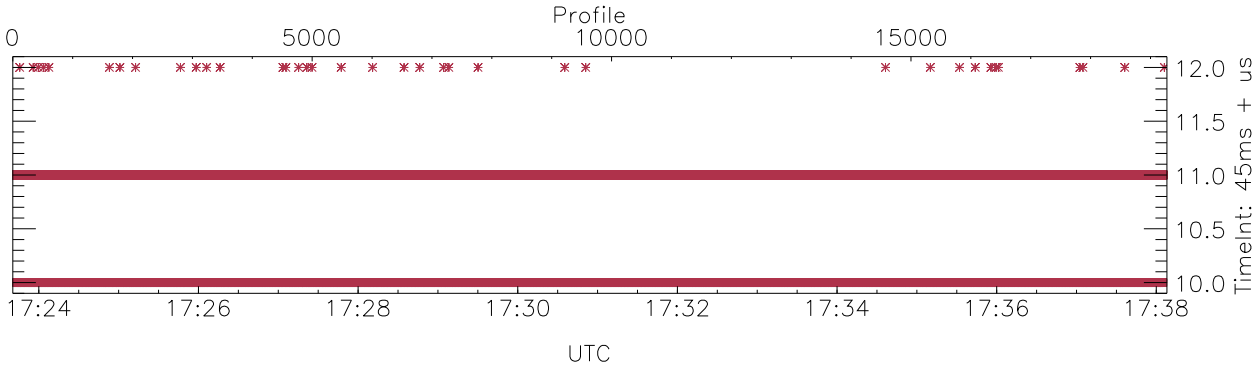
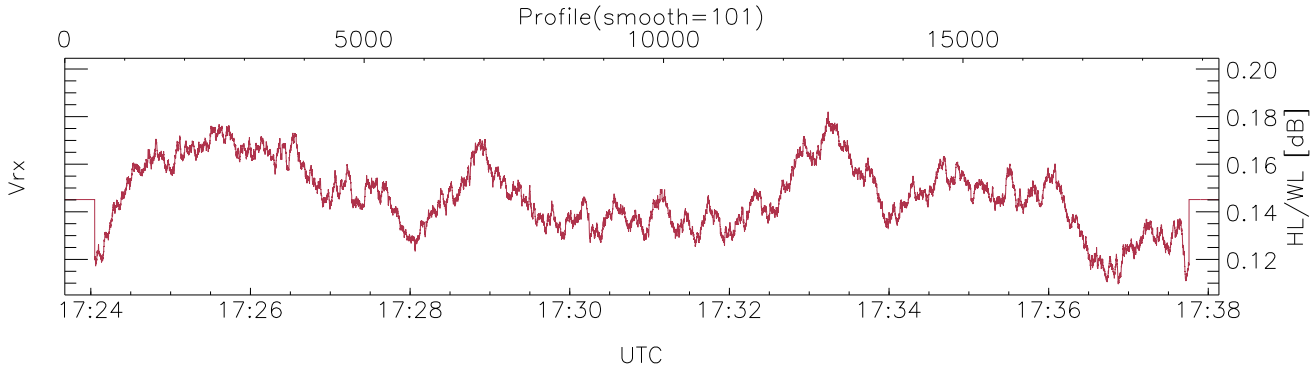
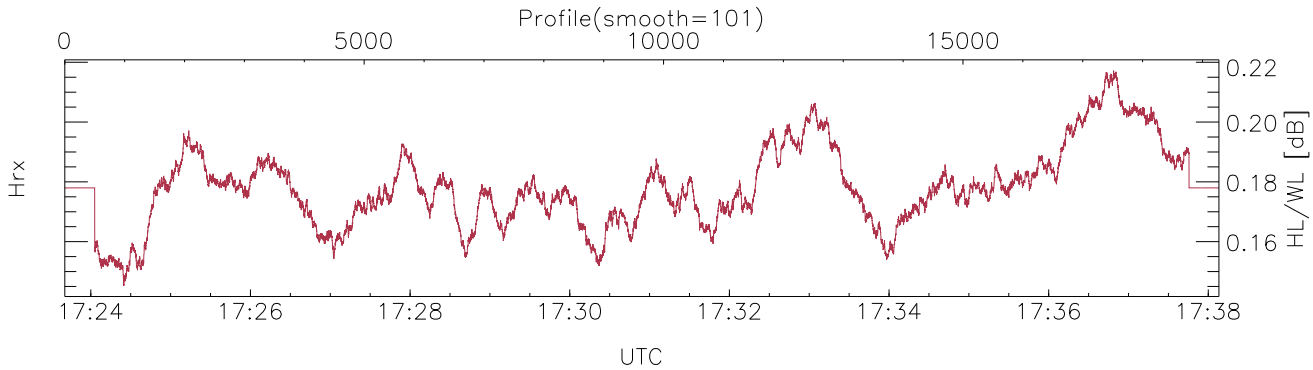


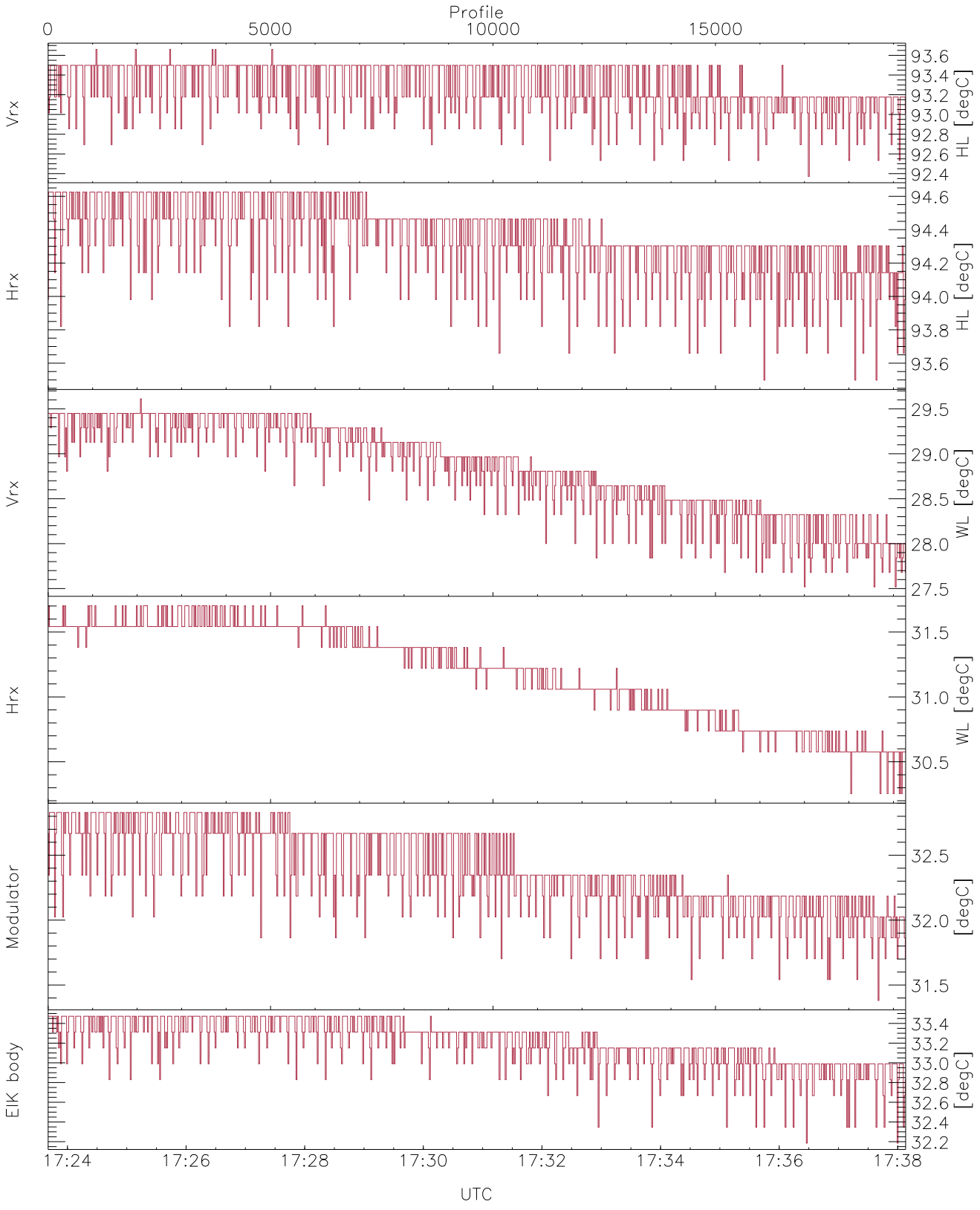






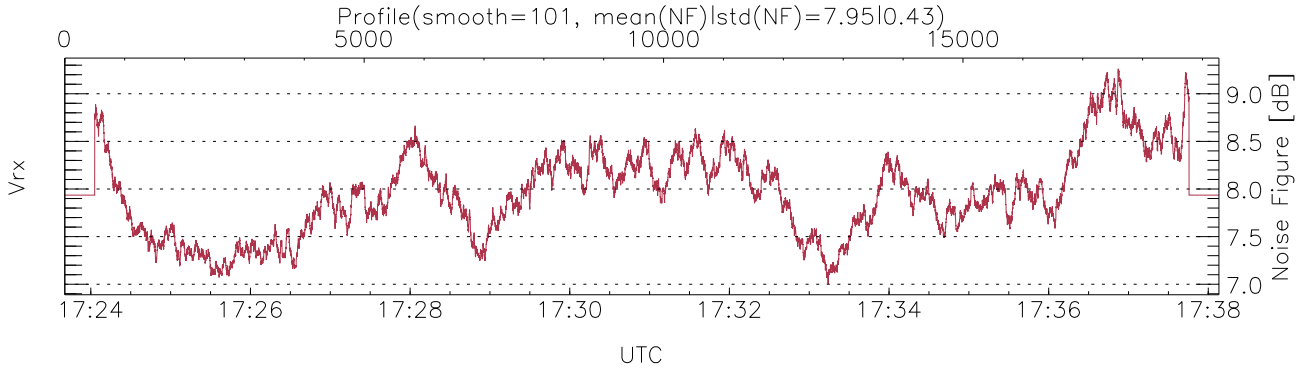
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

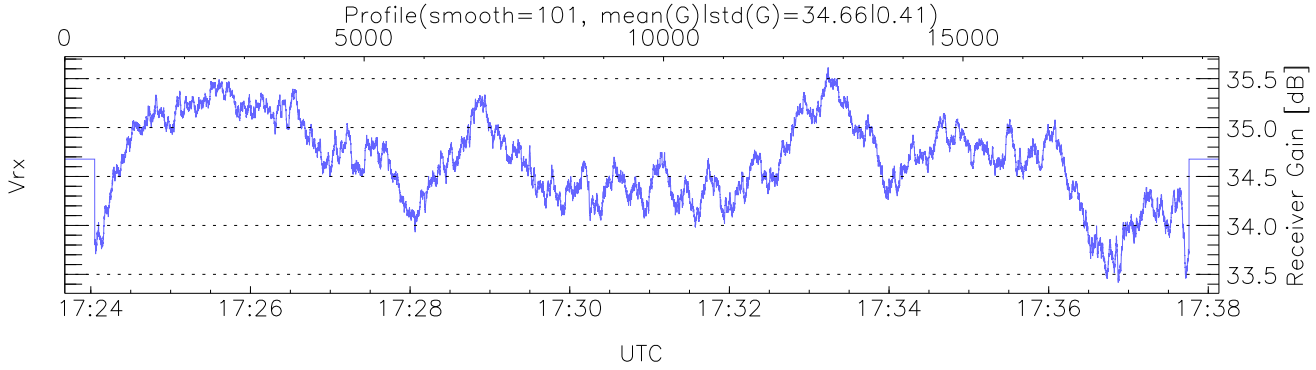
UTC: 17:23:40-17:38:08, TimeCor: 0.00s, Dur: 867.59s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 19276/19276, 0-19275/17:23:40-17:38:08
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

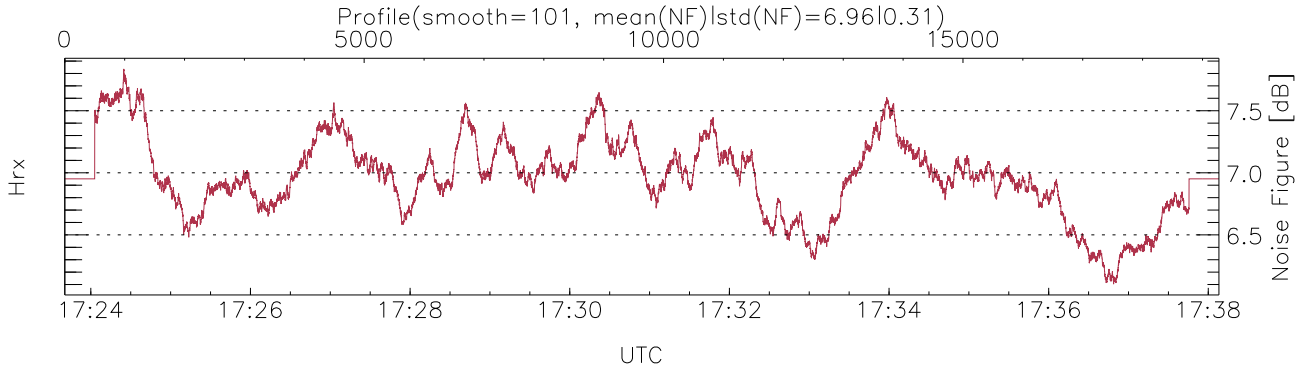


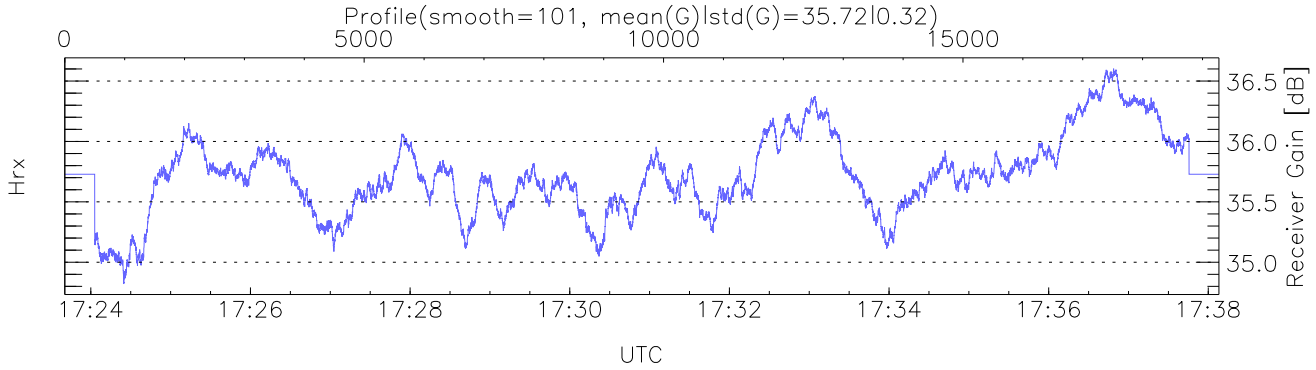
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,30,31,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,31,32,33
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK/Modulator Faults: None



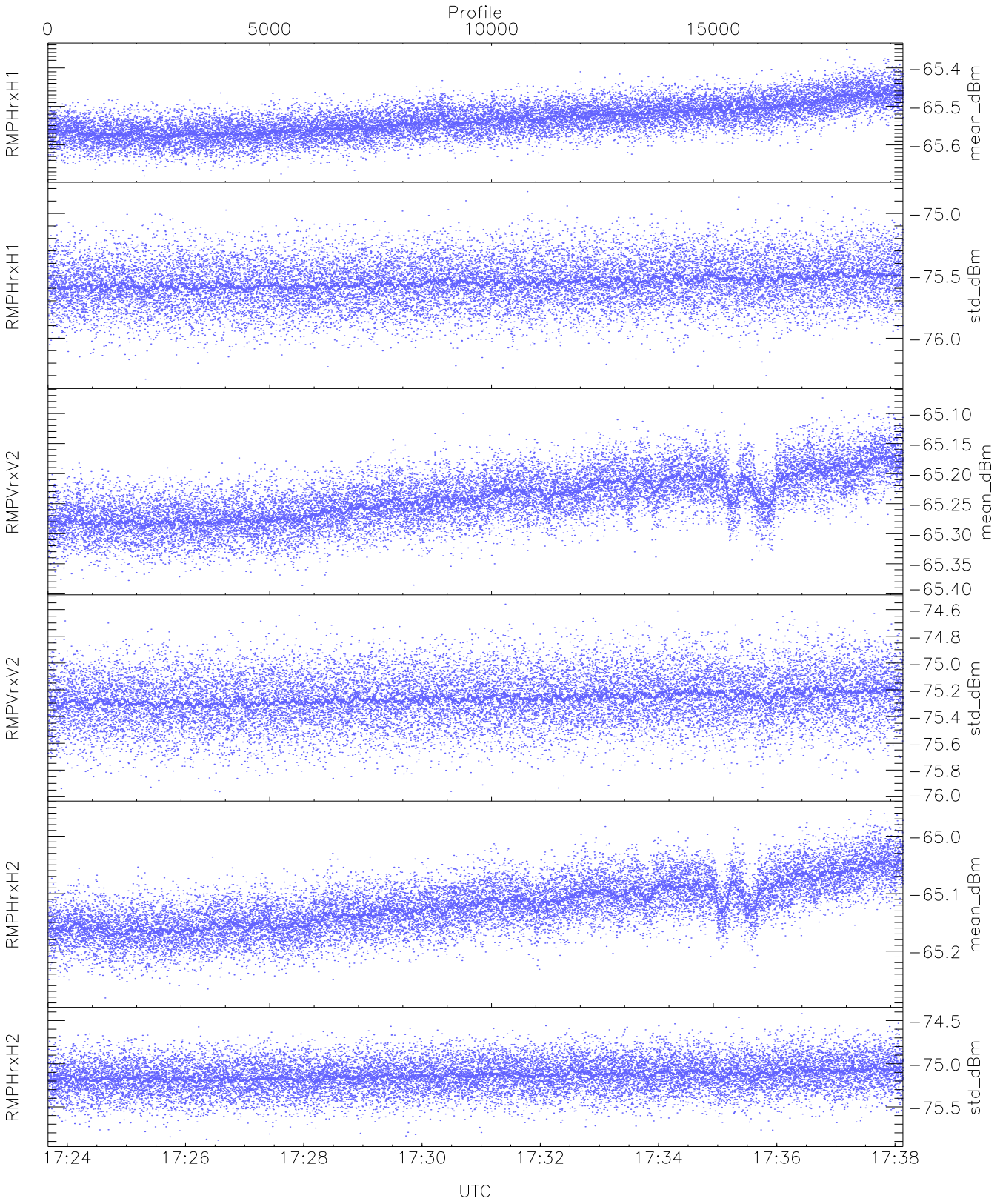






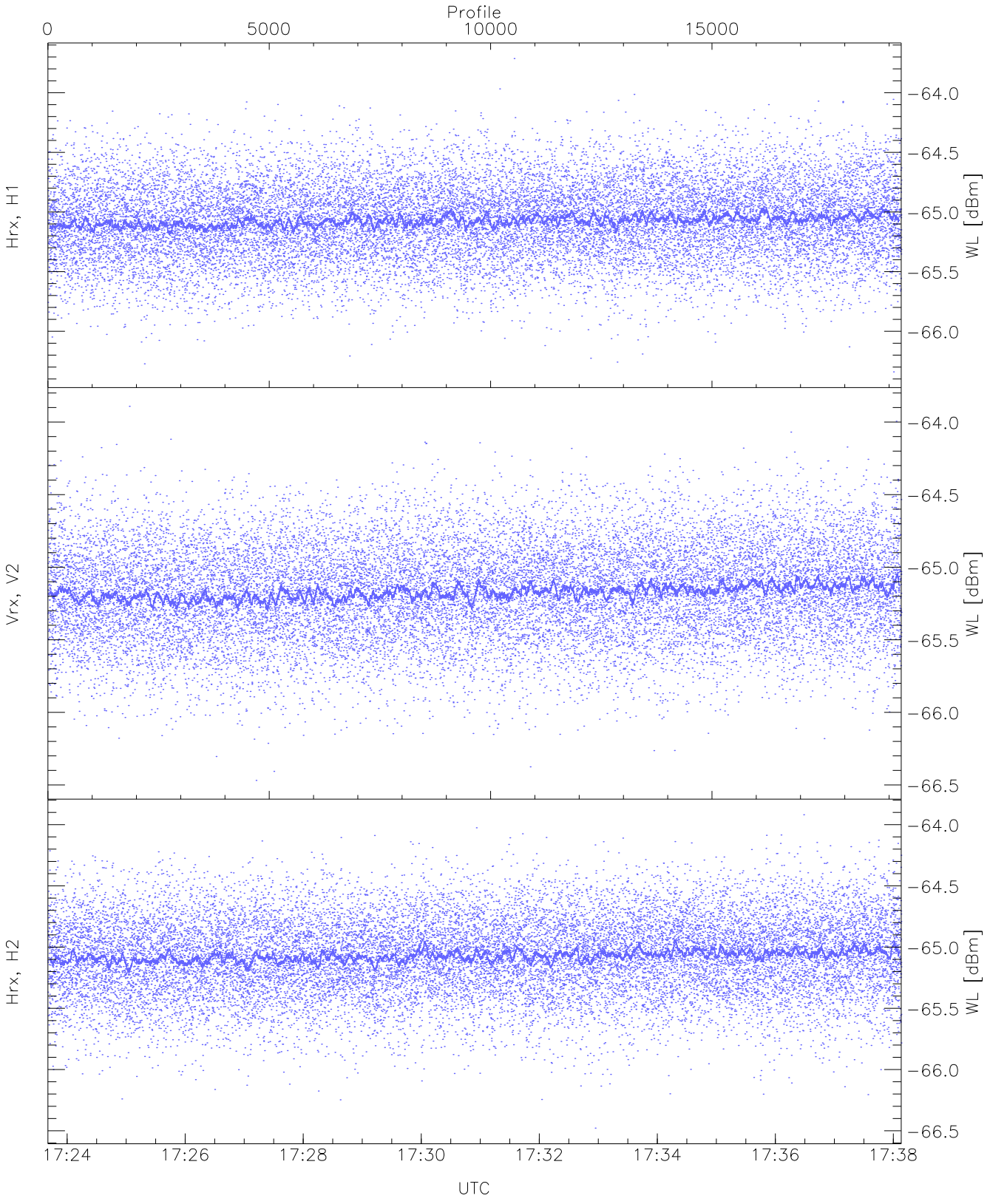
WCR3 CPP Receivers Gain and Noise Figure

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



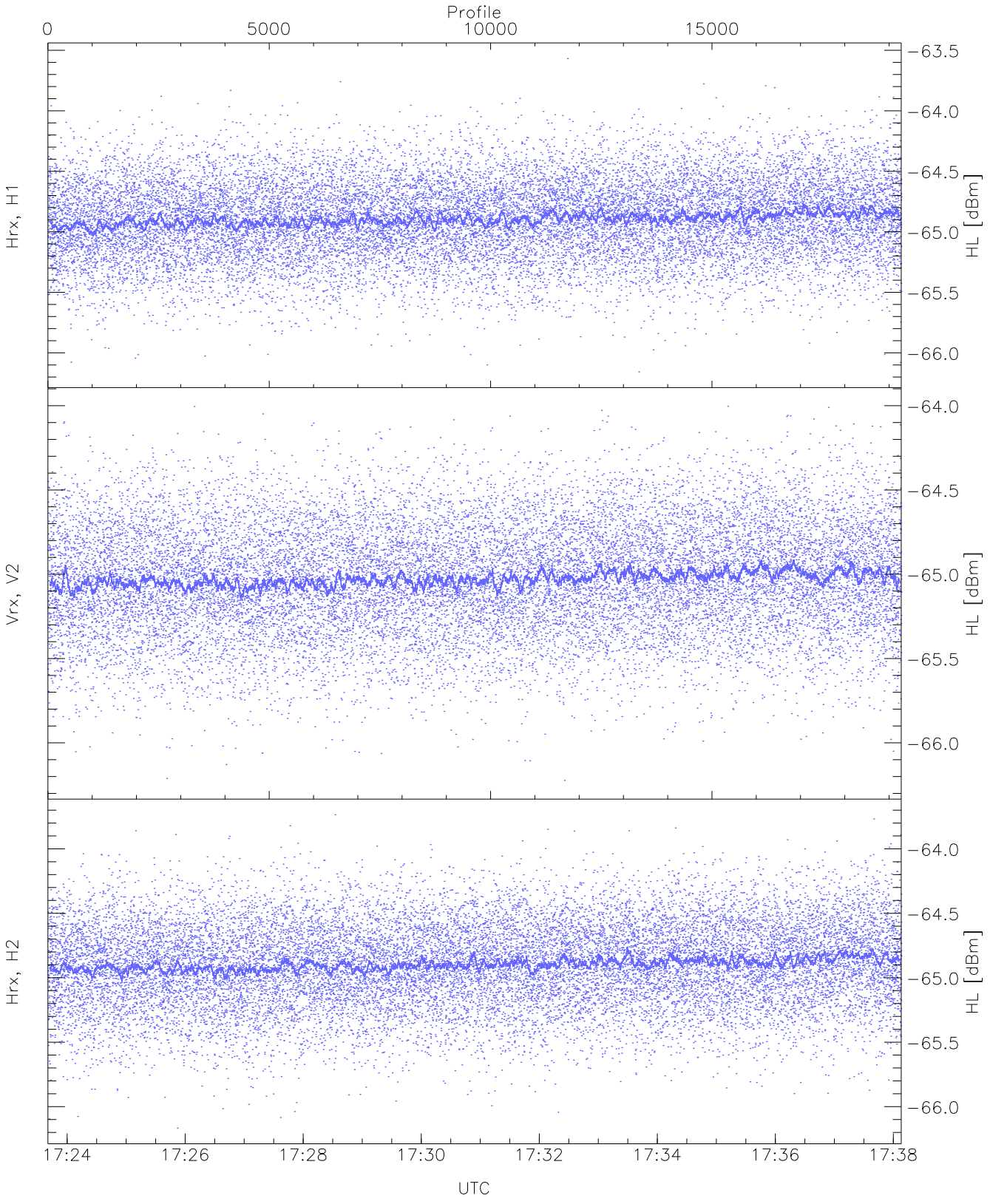
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.68	-65.35	-65.53	-65.54	-85.42
RMPHrxH1(std_dBm)	-76.33	-74.82	-75.55	-75.55	-89.32
RMPVrxV2(mean_dBm)	-65.39	-65.07	-65.24	-65.24	-85.11
RMPVrxV2(std_dBm)	-75.96	-74.56	-75.26	-75.26	-88.93
RMPHrxH2(mean_dBm)	-65.28	-64.96	-65.12	-65.12	-84.82
RMPHrxH2(std_dBm)	-75.89	-74.42	-75.13	-75.14	-88.84



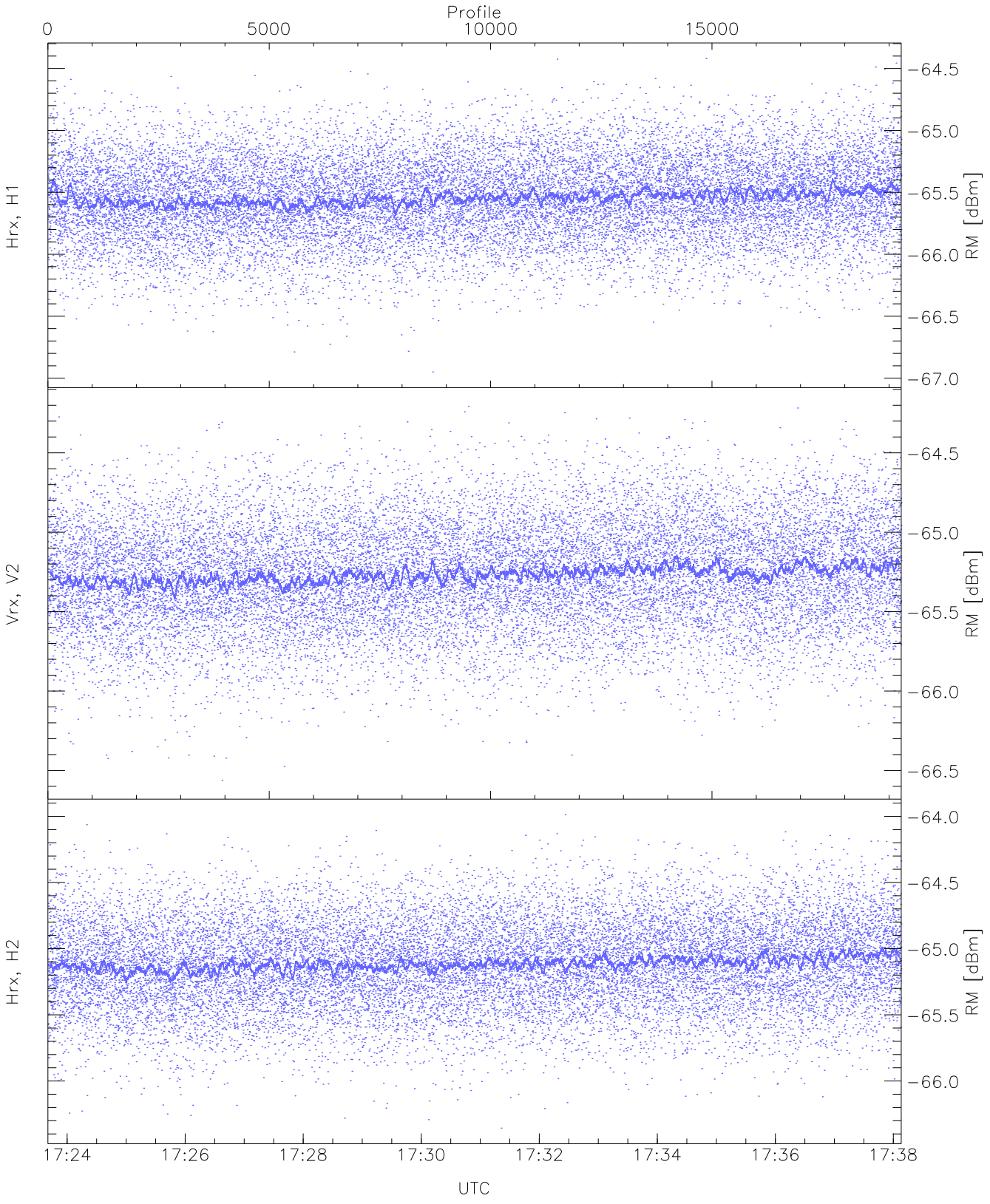
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.34	-63.71	-65.07	-65.07	-76.58
Vrx, V2(WL [dBm])	-66.47	-63.89	-65.16	-65.17	-76.62
Hrx, H2(WL [dBm])	-66.48	-63.92	-65.06	-65.07	-76.56



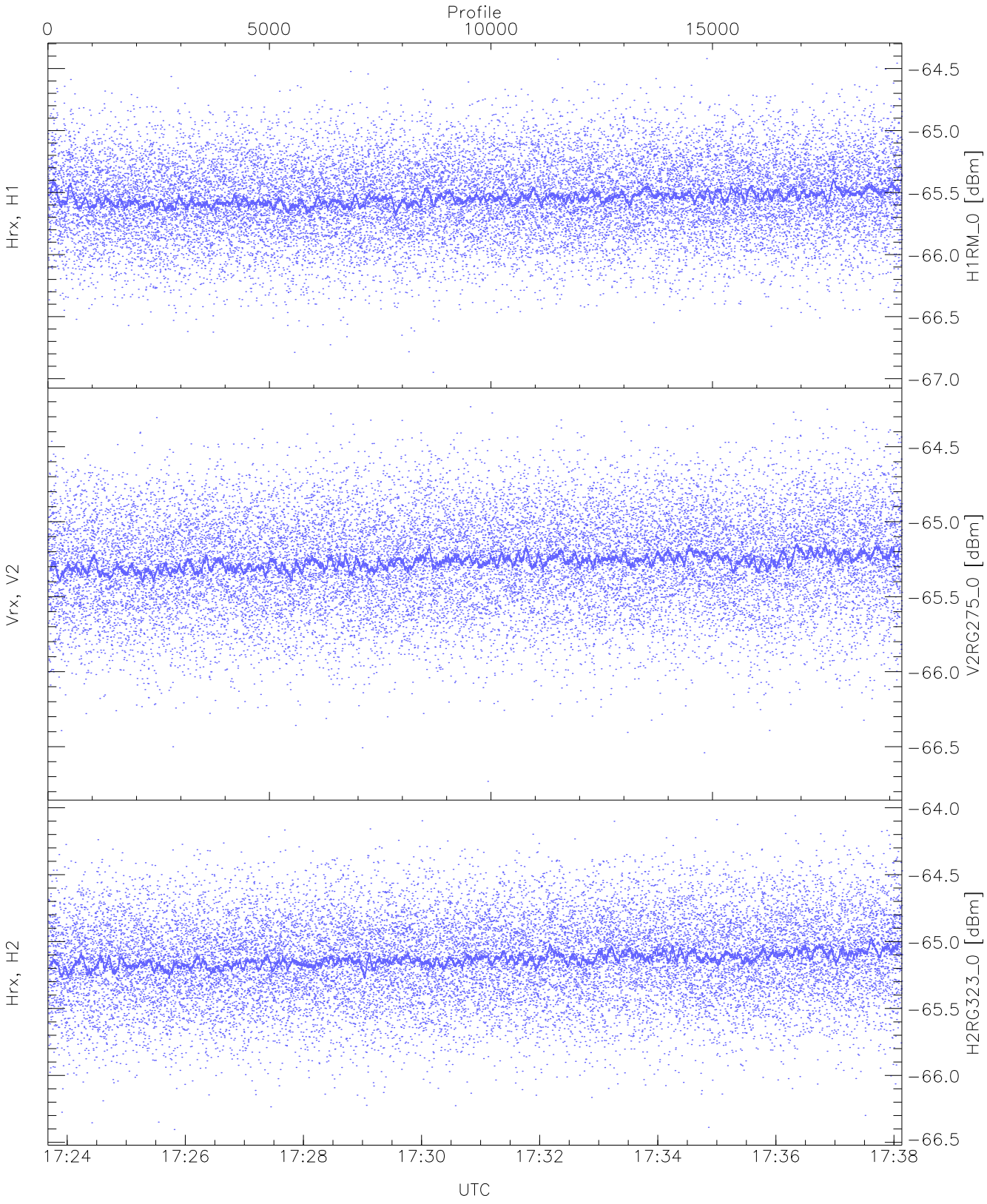
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.16	-63.57	-64.89	-64.89	-76.38
Vrx, V2(HL [dBm])	-66.22	-64.00	-65.02	-65.03	-76.54
Hrx, H2(HL [dBm])	-66.17	-63.74	-64.89	-64.89	-76.34



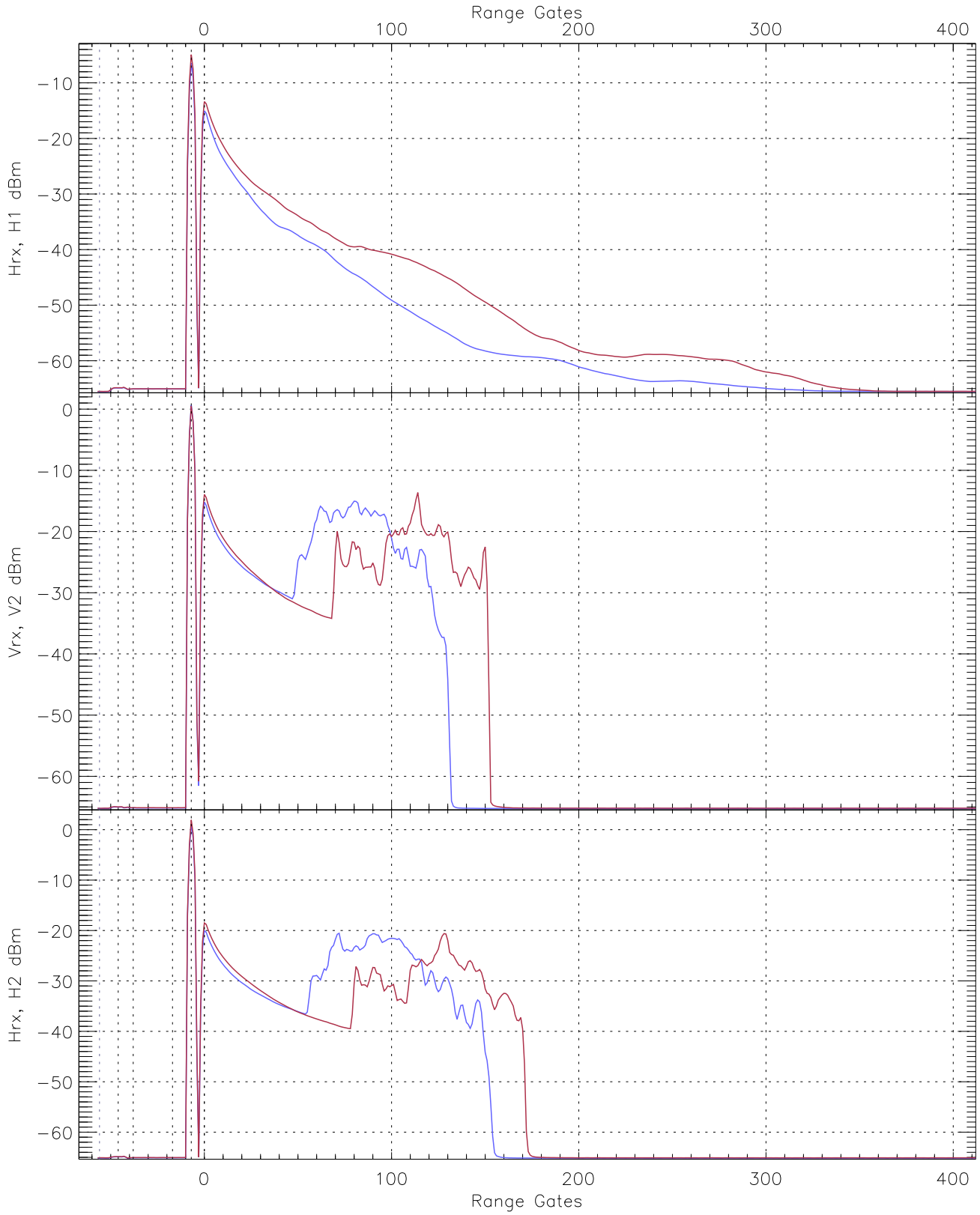
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.95	-64.42	-65.54	-65.55	-76.98
Vrx, V2(RM [dBm])	-66.56	-64.21	-65.26	-65.27	-76.72
Hrx, H2(RM [dBm])	-66.36	-63.99	-65.11	-65.12	-76.57

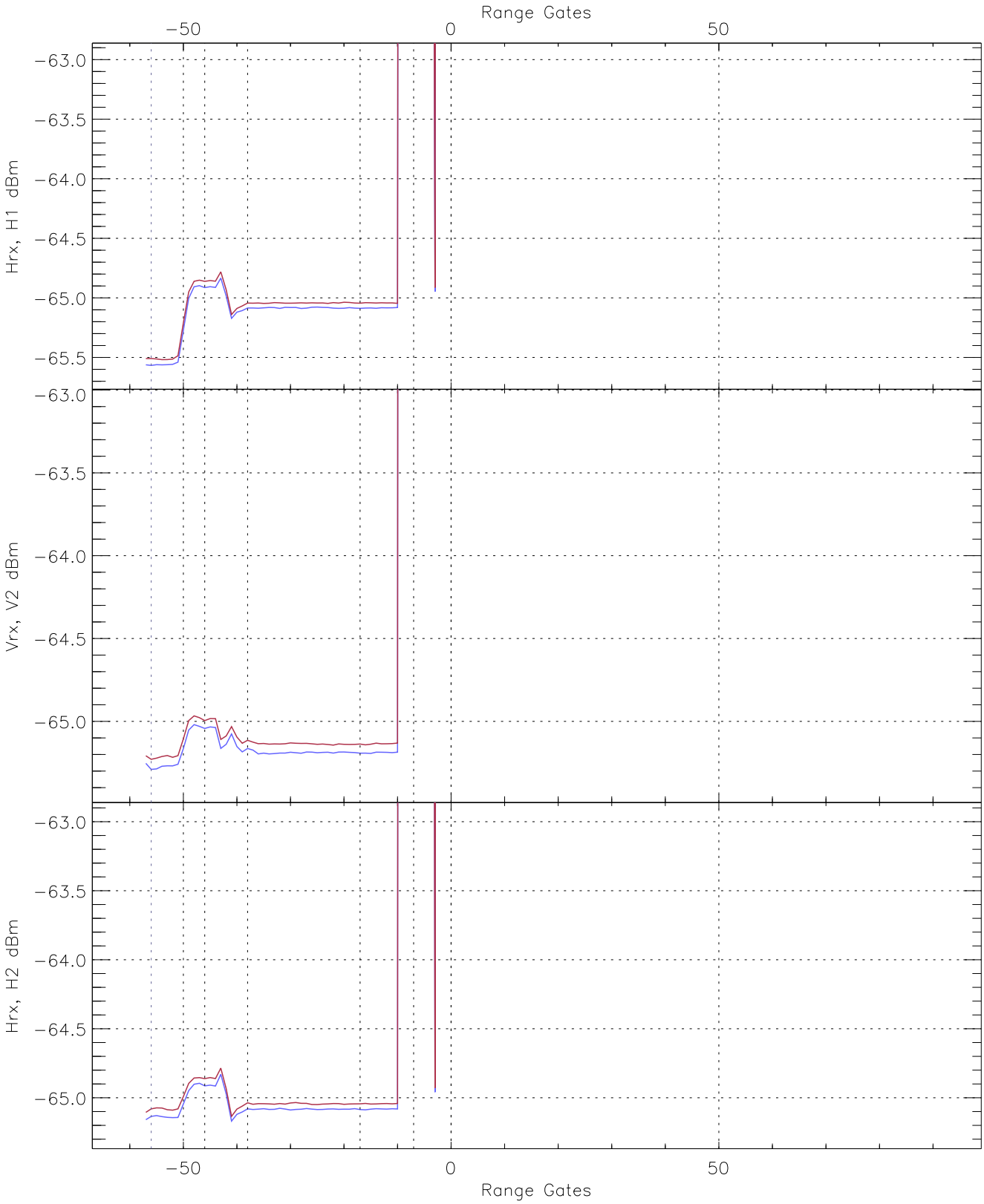


WCR3 CPP "Best" estimate Receivers Noise Power

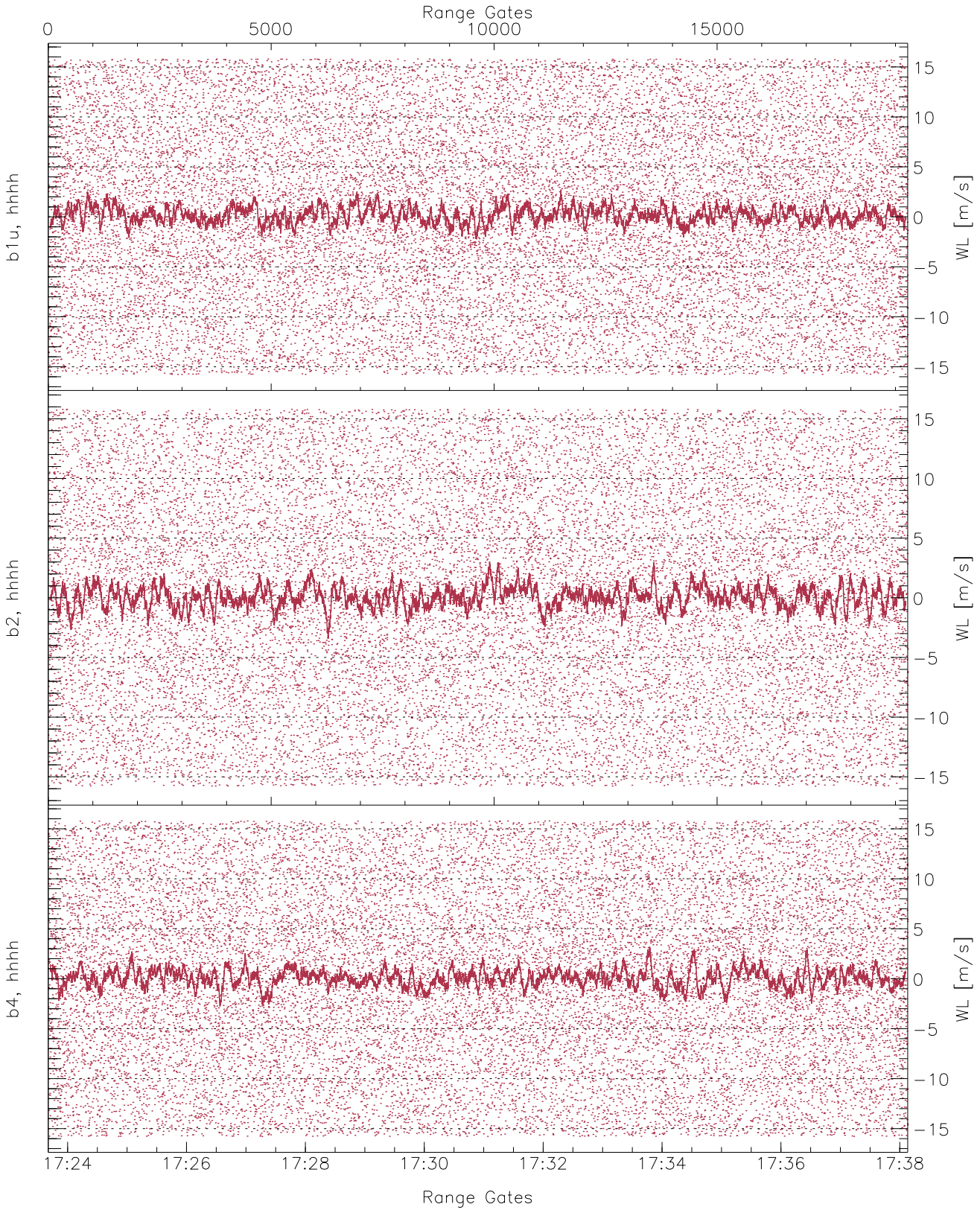
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.95	-64.42	-65.54	-65.55	-76.98
V2RG275_0 [dBm]	-66.73	-64.23	-65.26	-65.26	-76.70
H2RG323_0 [dBm]	-66.40	-64.06	-65.12	-65.13	-76.57



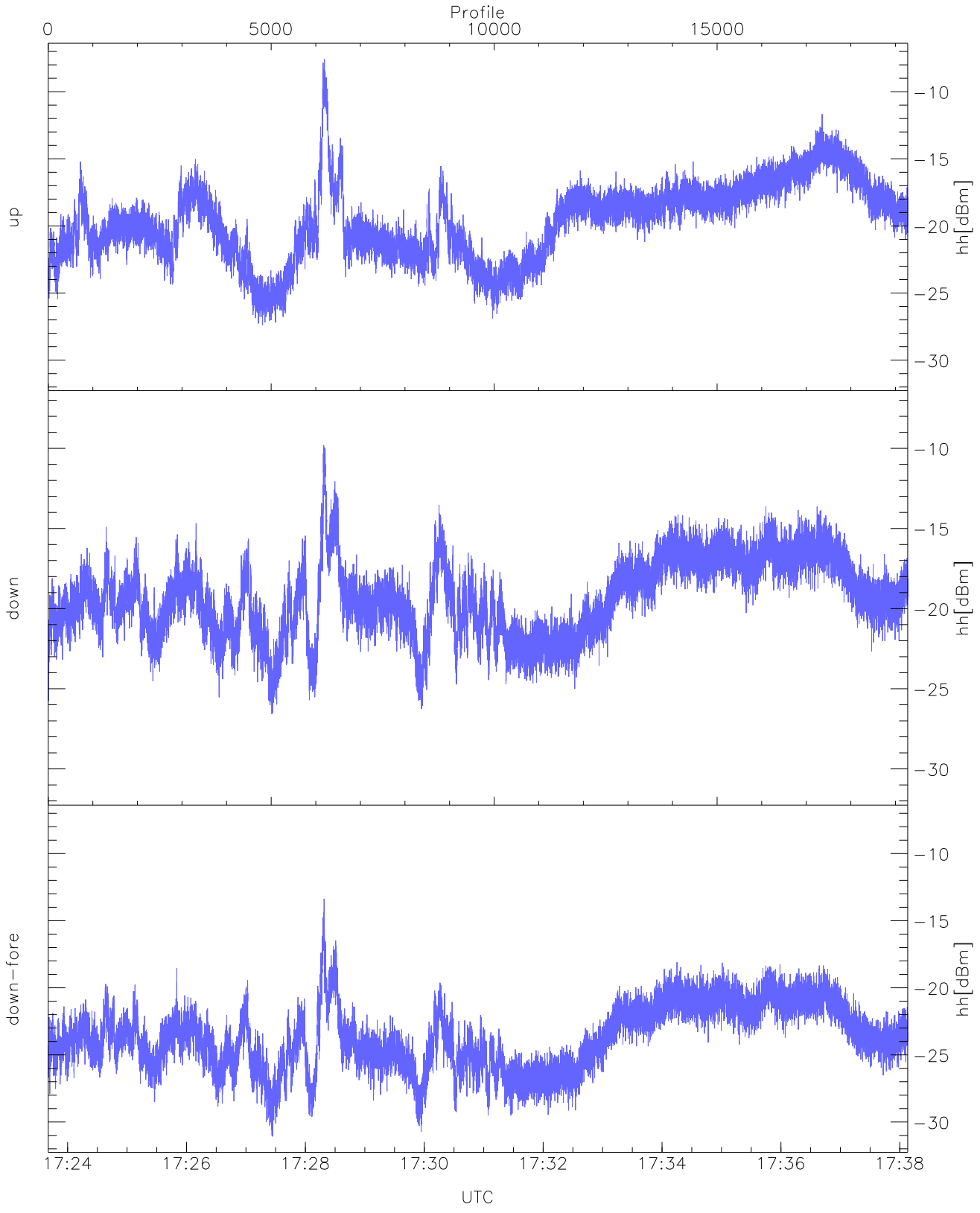
WCR3 CPP Averaged Received power for all recorded gates
blue: 172340-173054, 9639 profiles averaged
red: 173054-173808, 9638 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 172340-173054, 9639 profiles averaged
red: 173054-173808, 9638 profiles averaged

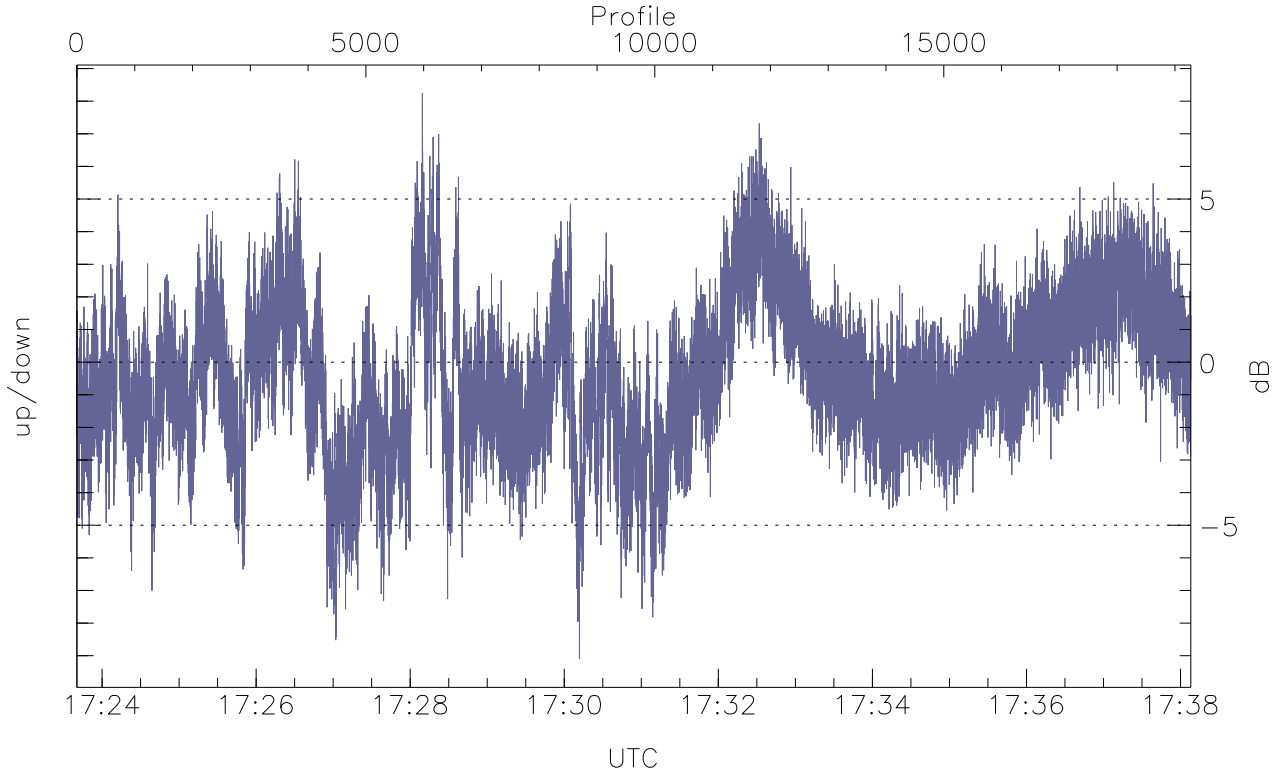


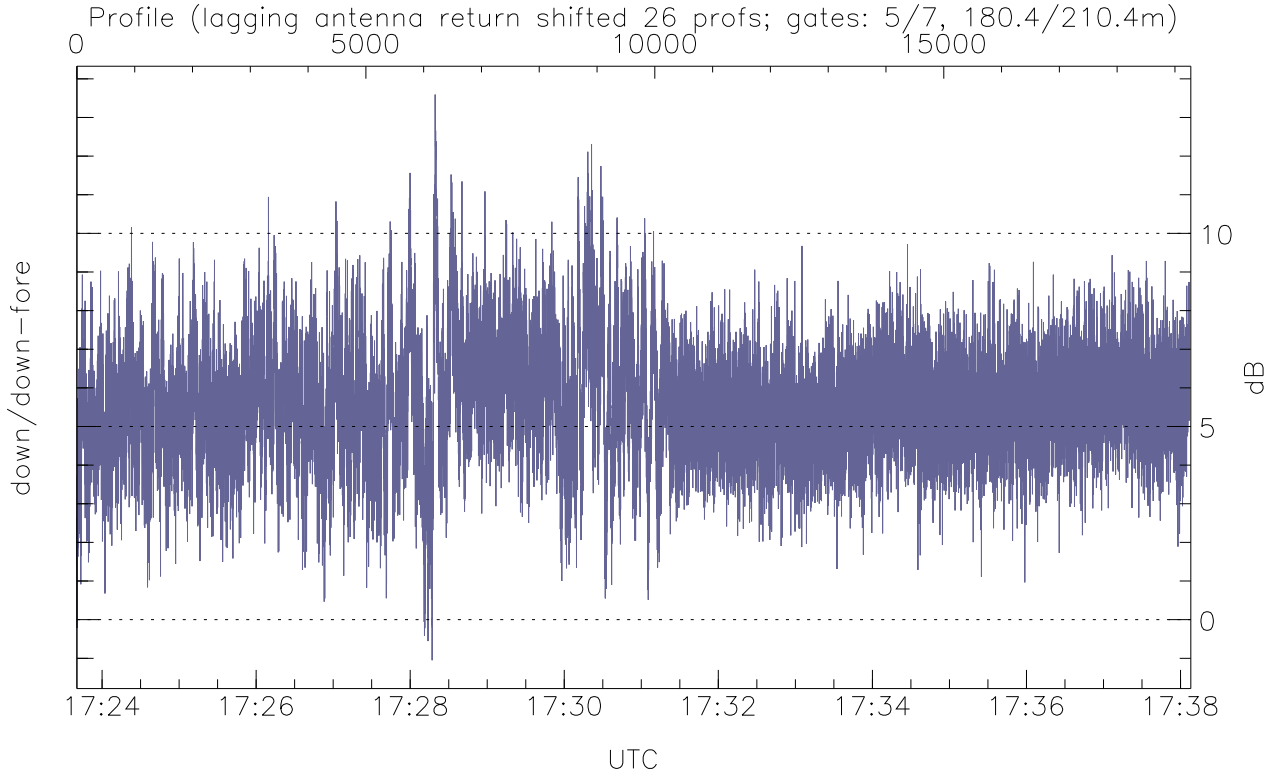
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

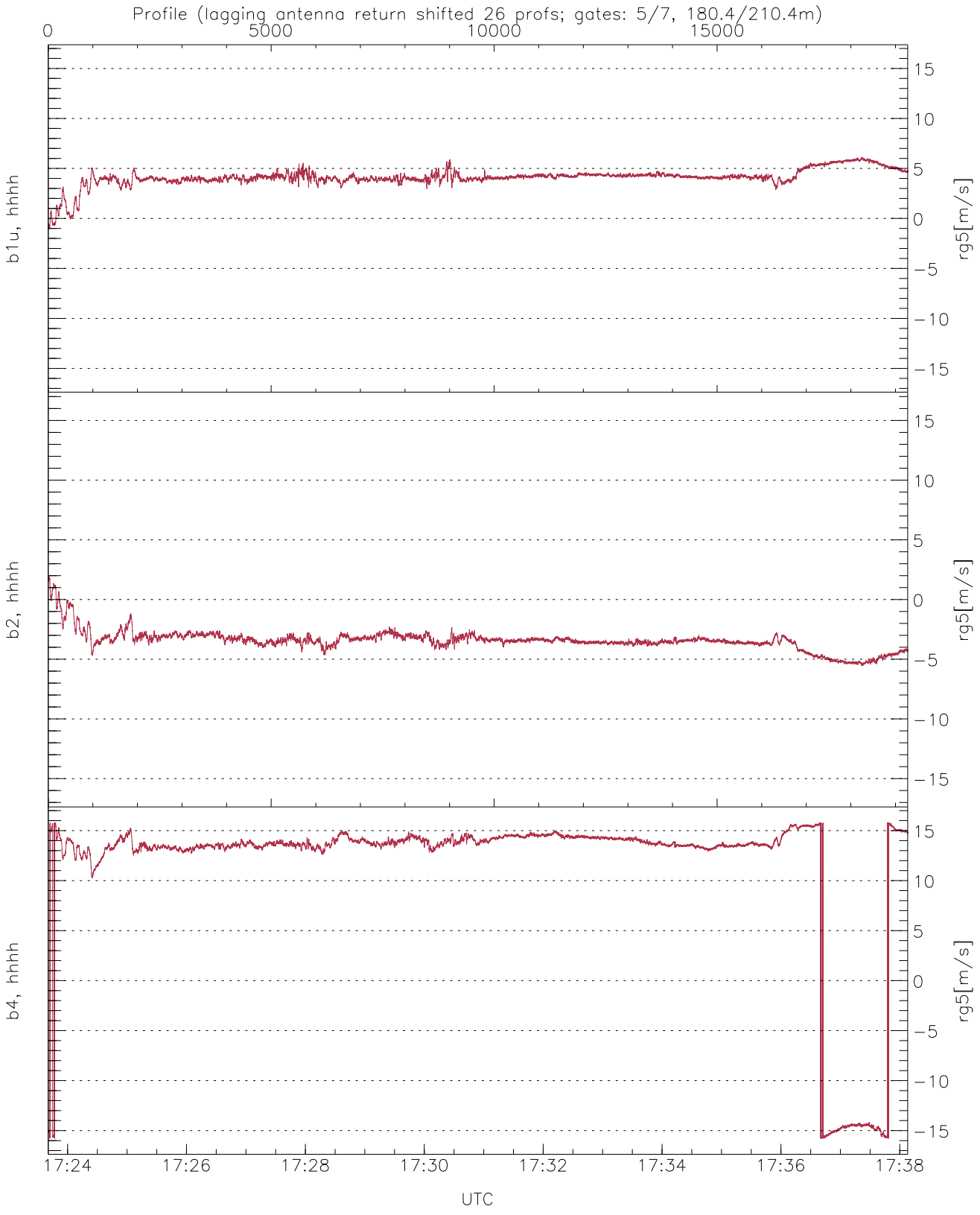
	Min	Max	Mean
up(hh[dBm])	-27.40	-7.56	-18.70
down(hh[dBm])	-26.57	-9.79	-18.67
down-fore(hh[dBm])	-31.08	-13.37	-23.03





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

	Min	Max	Mean
up/down(dB)	-9.10	8.24	-0.35
down/down-fore(dB)	-1.05	13.59	5.61



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.04	6.15	4.11	0.88
b2, hhhh(rg5[m/s])	-5.58	1.91	-3.44	0.87
b4, hhhh(rg5[m/s])	-15.79	15.79	11.49	7.95