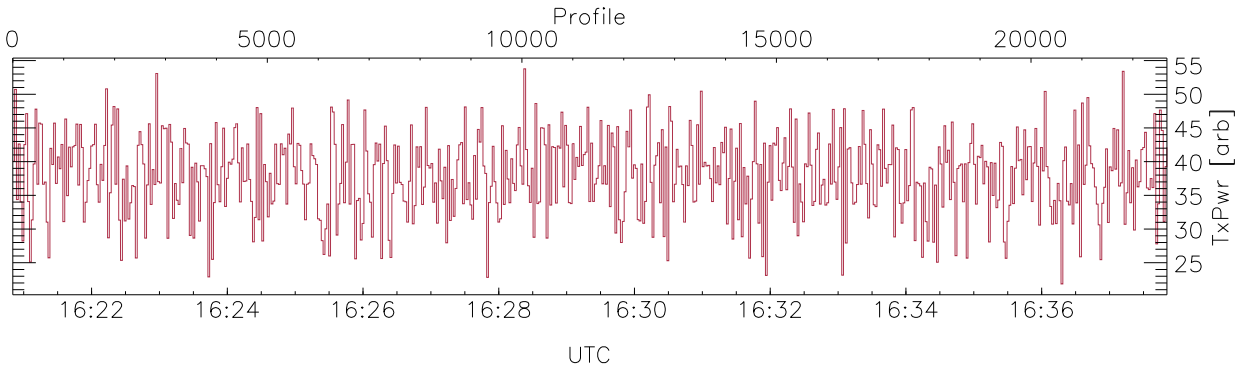
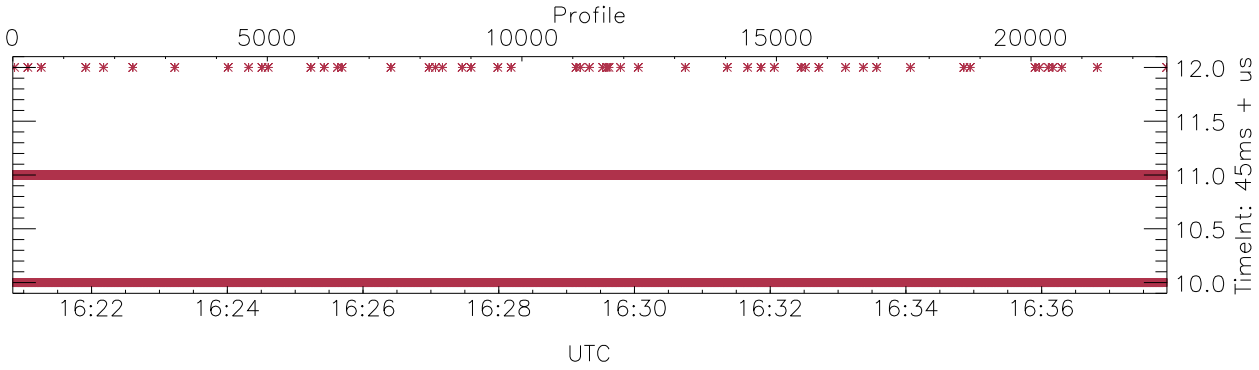
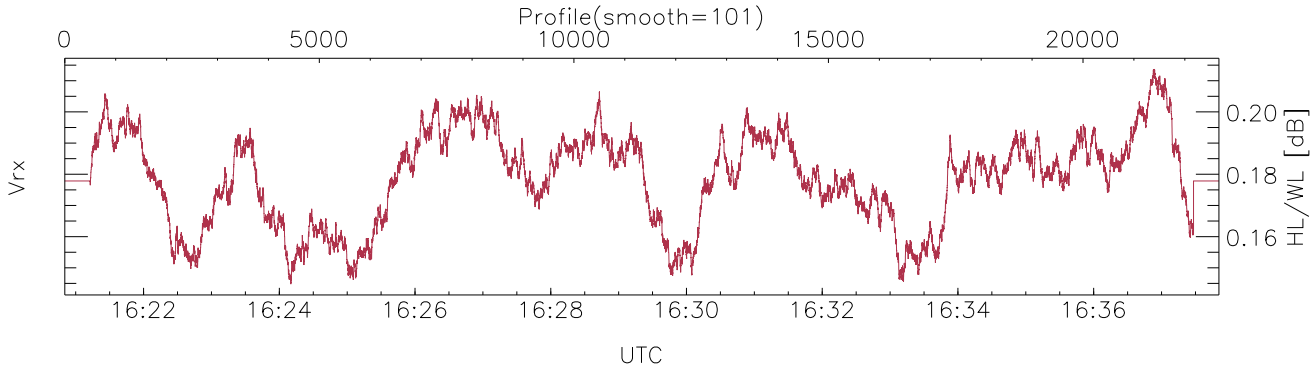
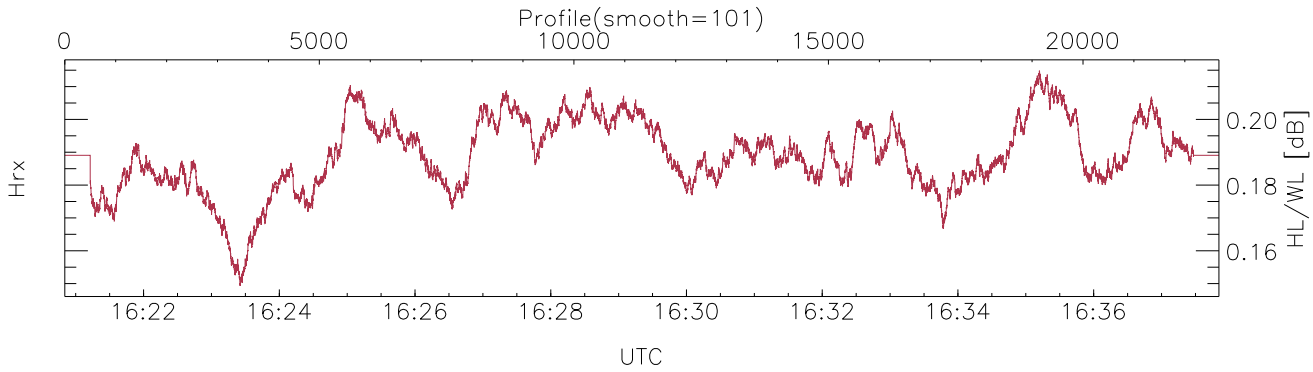


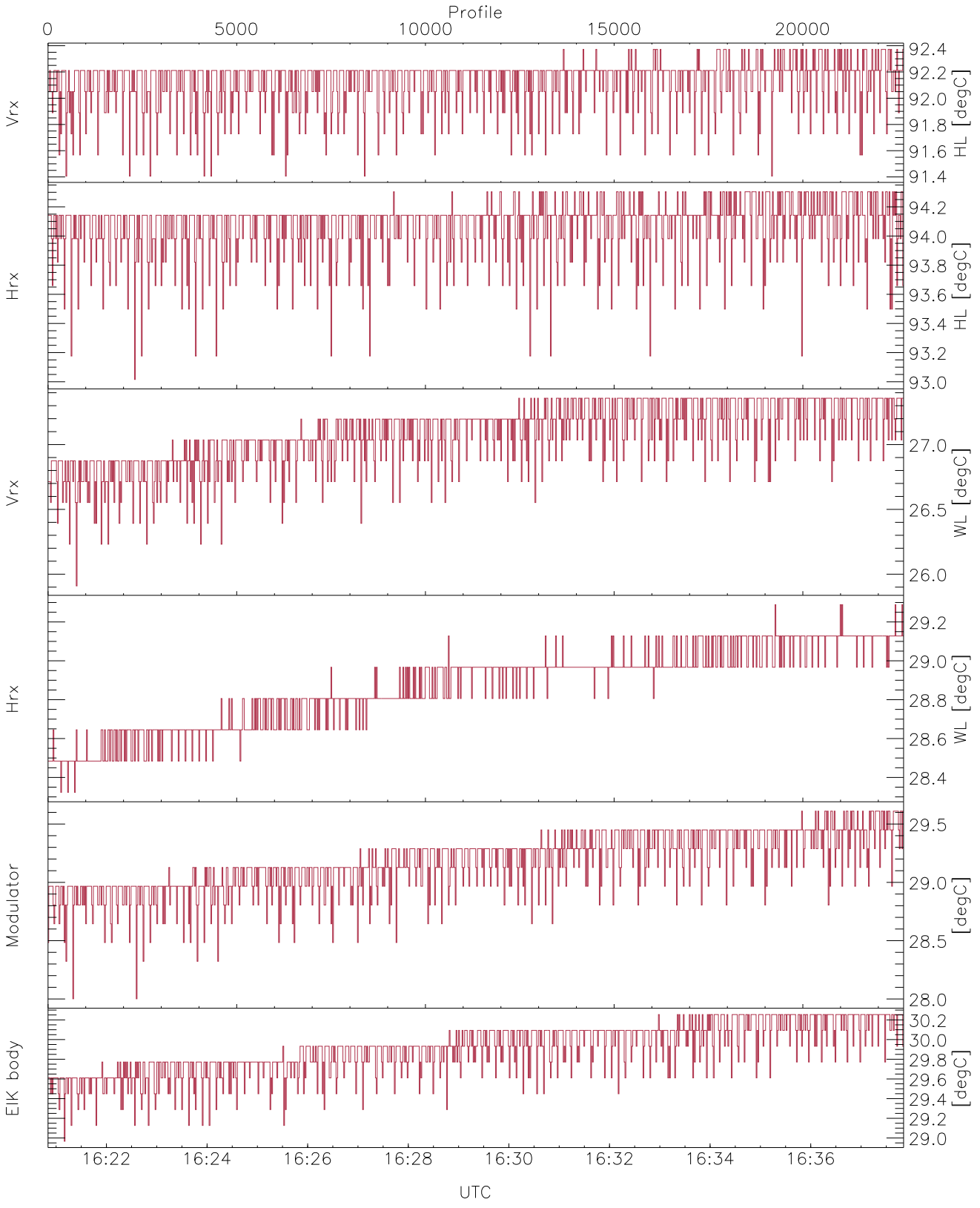






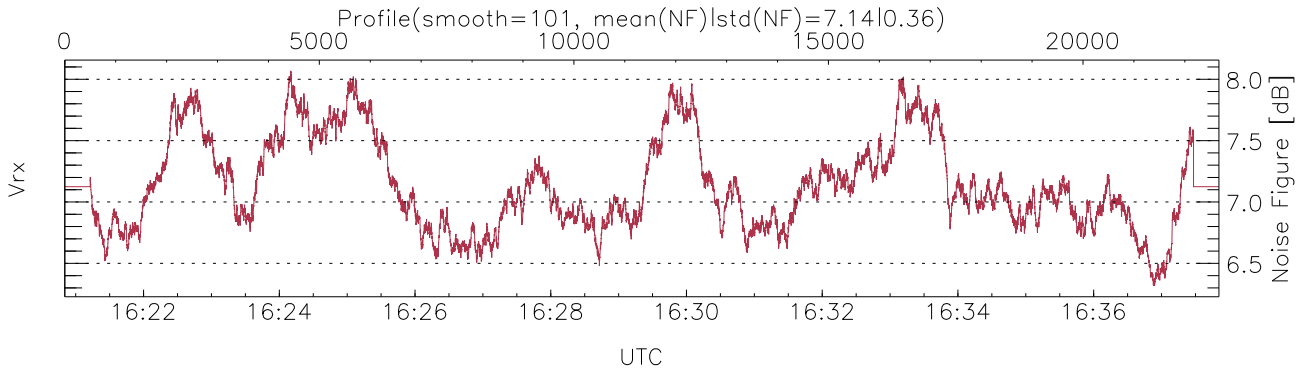
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

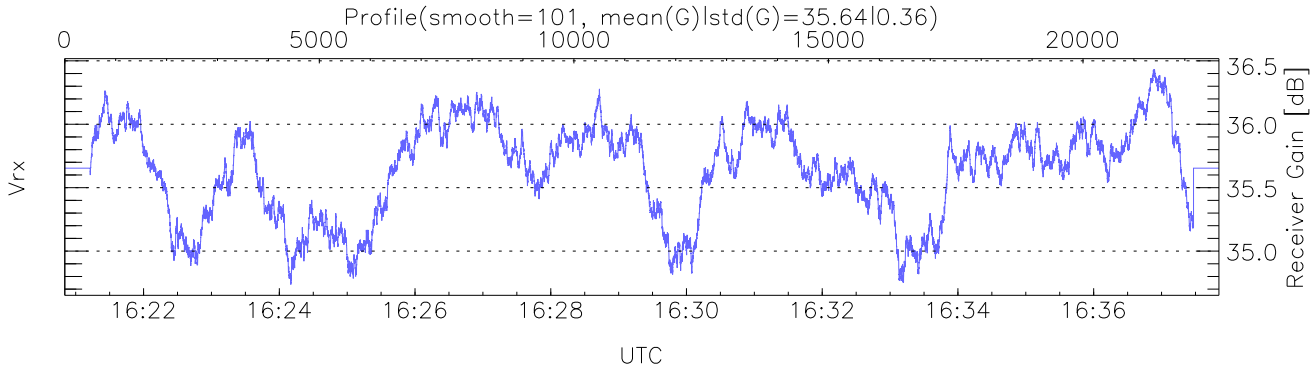
UTC: 16:20:50-16:37:51, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/16:20:50-16:37:51
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

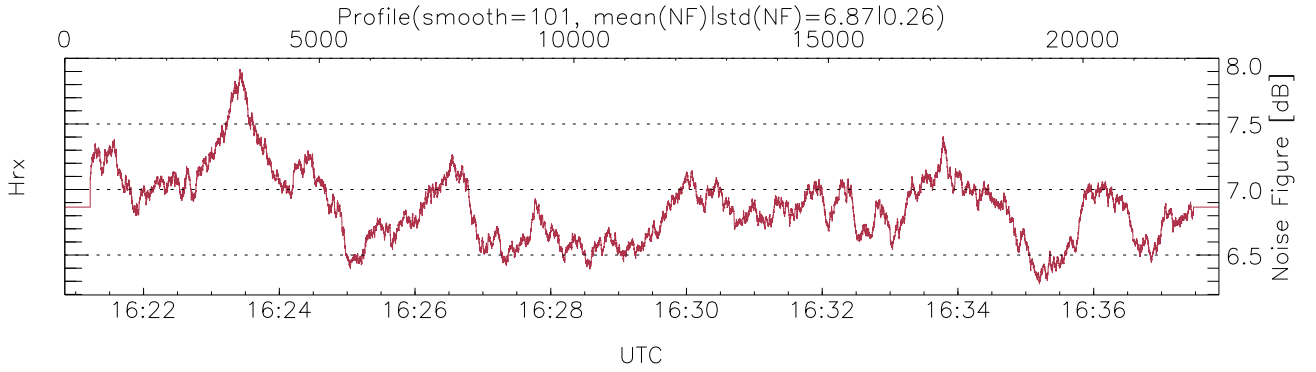


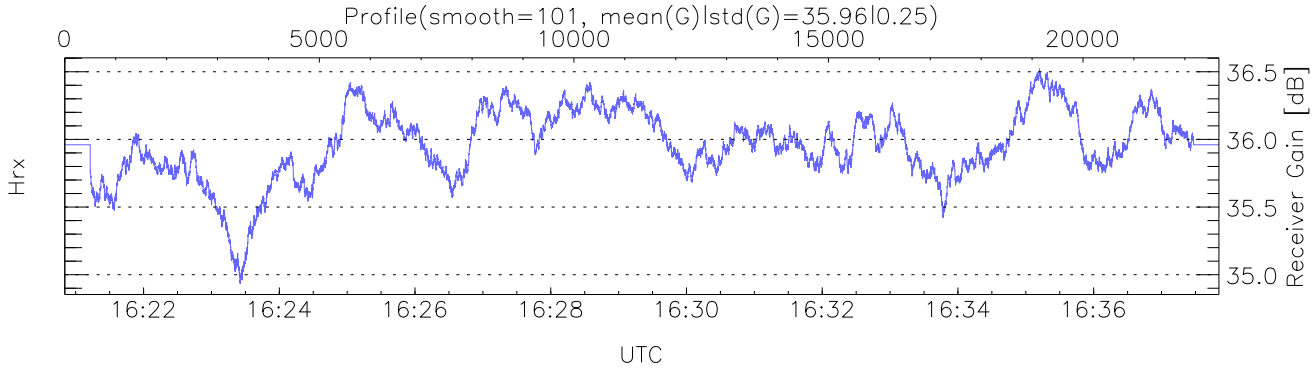
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,28,28,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,27,29,29,30
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



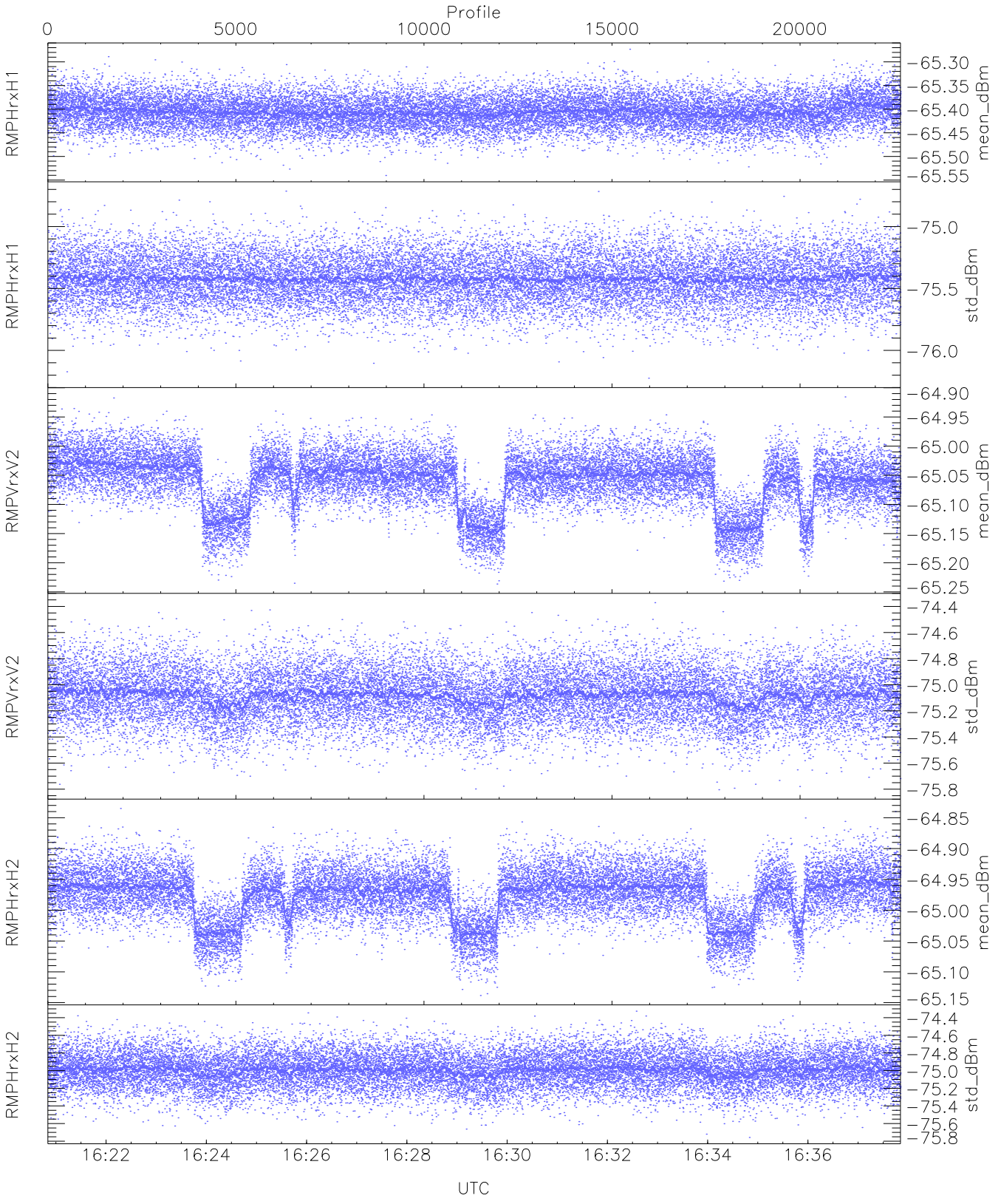






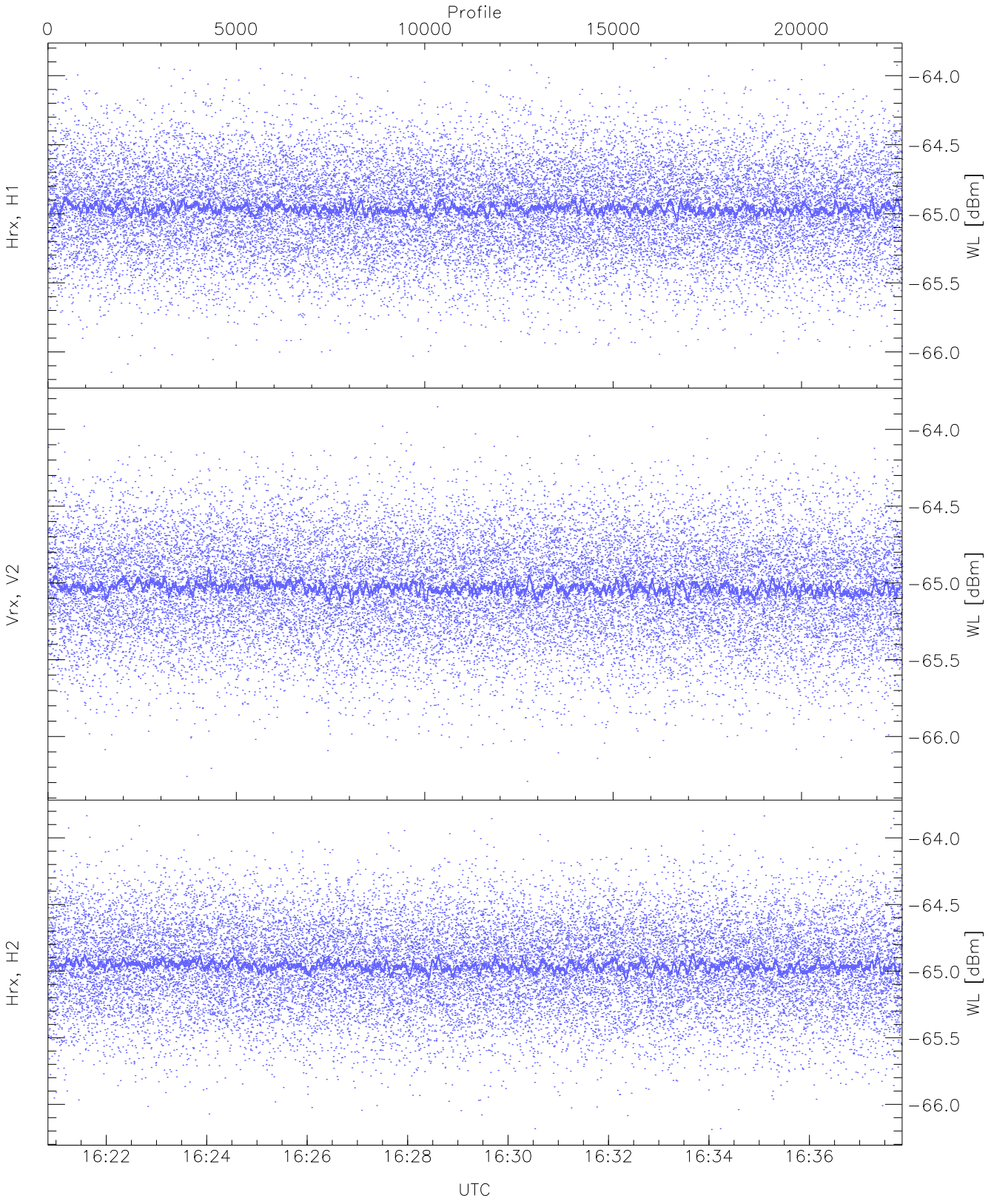
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 905 pixs, 3 gates, 816 profs, 1 prod(s)



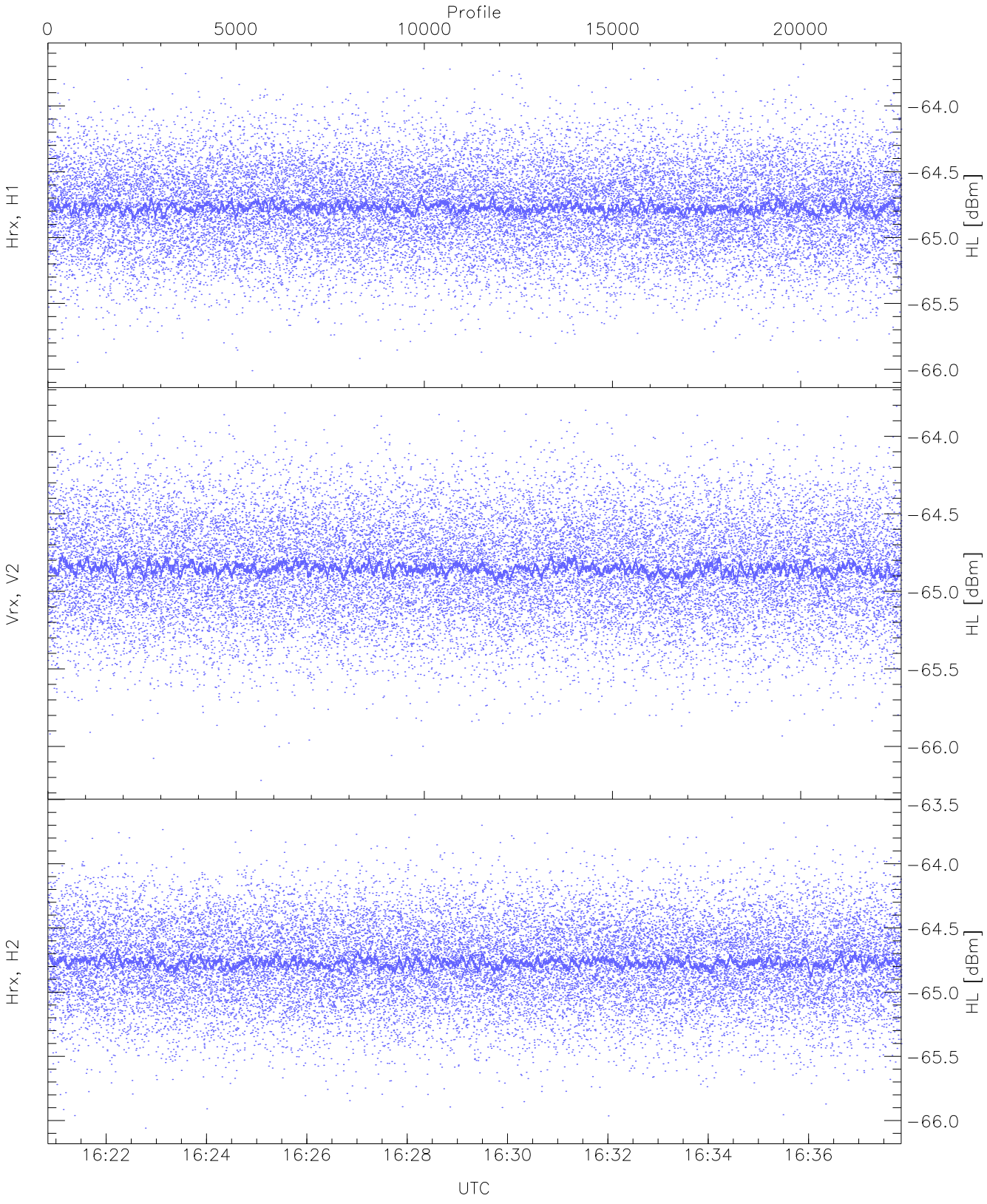
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.54	-65.27	-65.41	-65.41	-86.92
RMPHrxH1(std_dBm)	-76.22	-74.71	-75.42	-75.42	-89.24
RMPVrxV2(mean_dBm)	-65.24	-64.92	-65.06	-65.06	-84.73
RMPVrxV2(std_dBm)	-75.80	-74.37	-75.08	-75.08	-88.81
RMPHrxH2(mean_dBm)	-65.14	-64.83	-64.98	-64.97	-85.19
RMPHrxH2(std_dBm)	-75.76	-74.33	-74.99	-74.99	-88.76



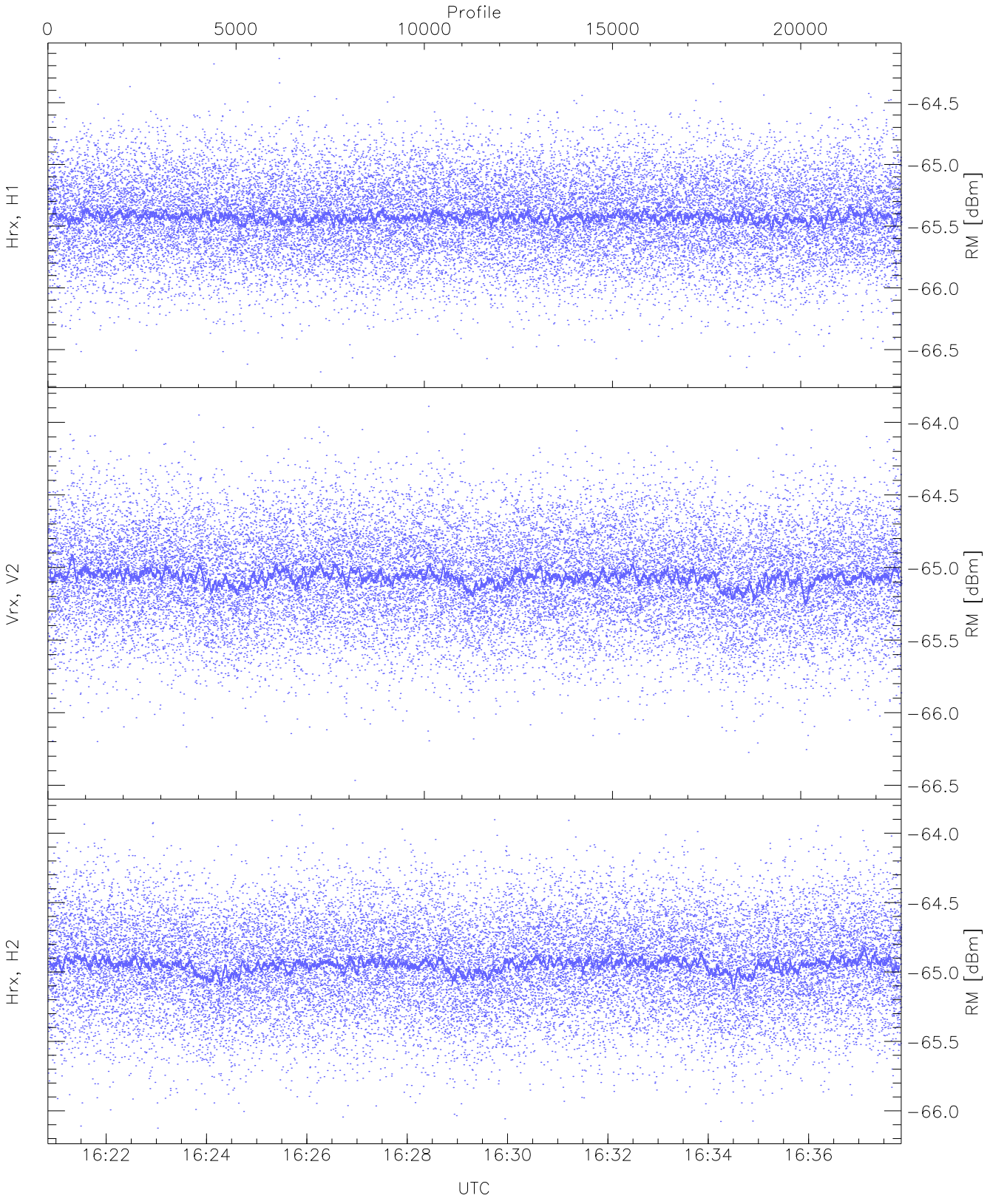
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.15	-63.88	-64.95	-64.96	-76.47
Vrx, V2(WL [dBm])	-66.29	-63.85	-65.02	-65.03	-76.54
Hrx, H2(WL [dBm])	-66.19	-63.83	-64.95	-64.96	-76.44



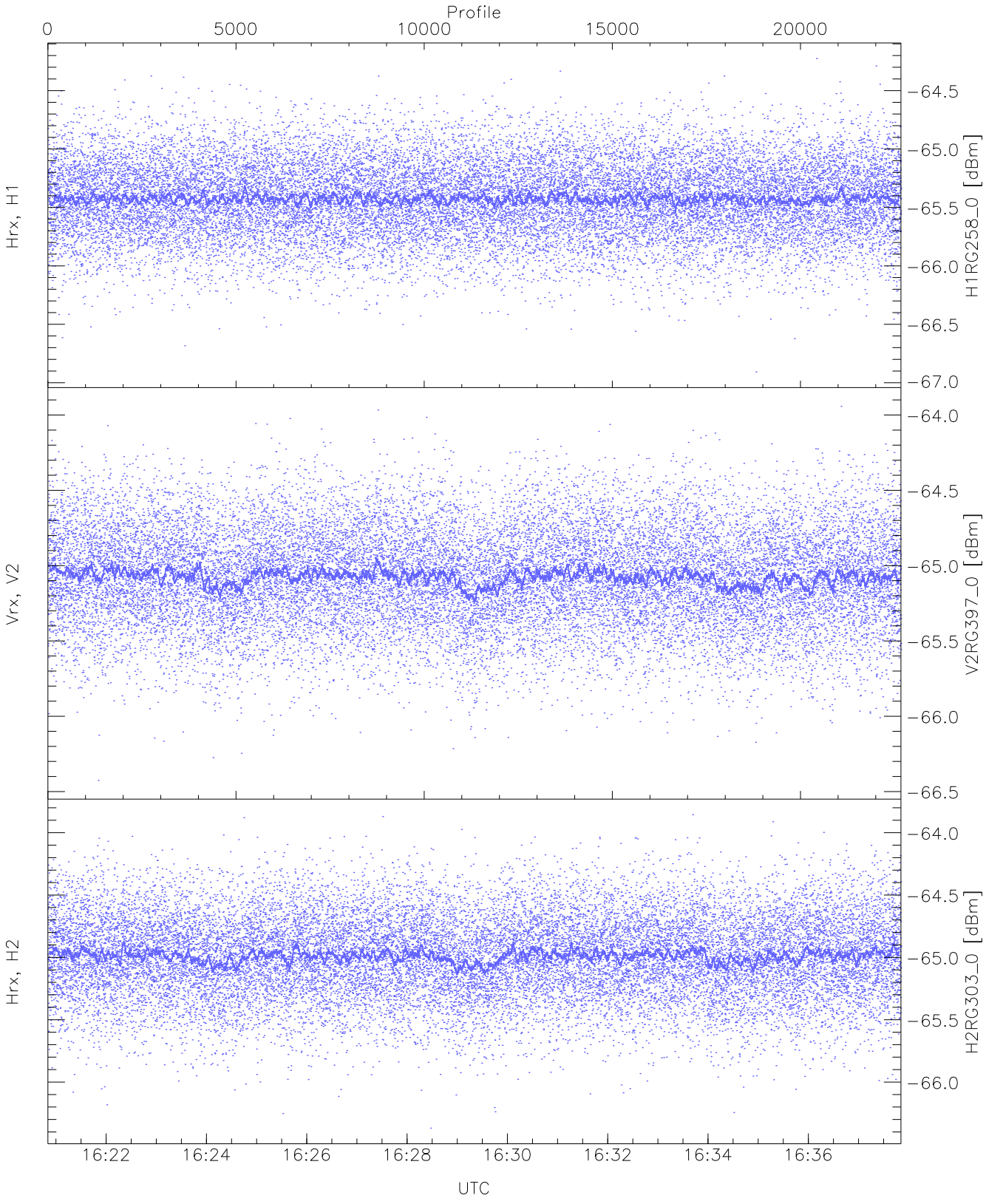
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.02	-63.64	-64.77	-64.77	-76.29
Vrx, V2(HL [dBm])	-66.22	-63.81	-64.85	-64.85	-76.40
Hrx, H2(HL [dBm])	-66.06	-63.62	-64.76	-64.77	-76.29



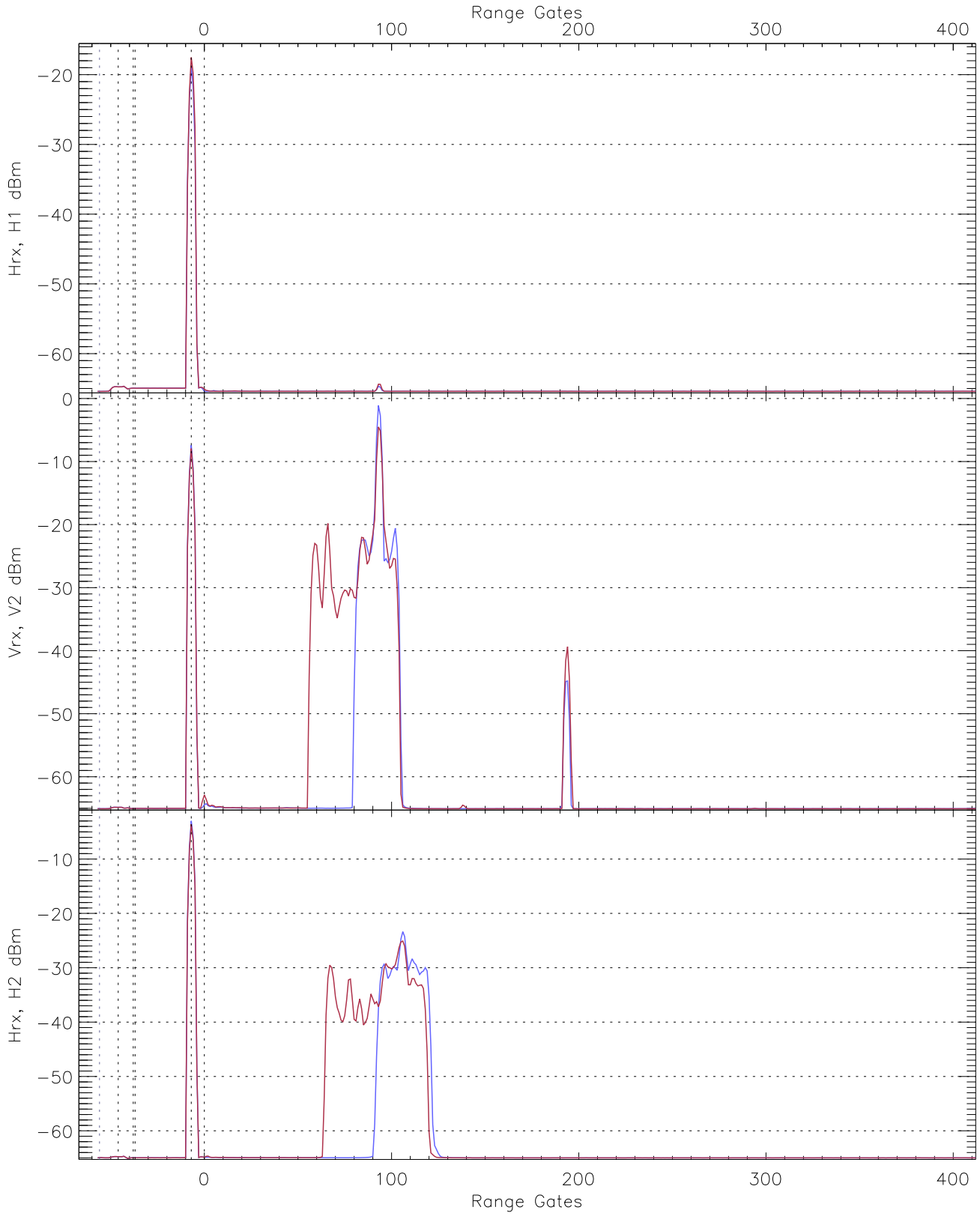
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.68	-64.14	-65.42	-65.42	-76.91
Vrx, V2(RM [dBm])	-66.47	-63.89	-65.06	-65.07	-76.55
Hrx, H2(RM [dBm])	-66.12	-63.87	-64.94	-64.95	-76.43

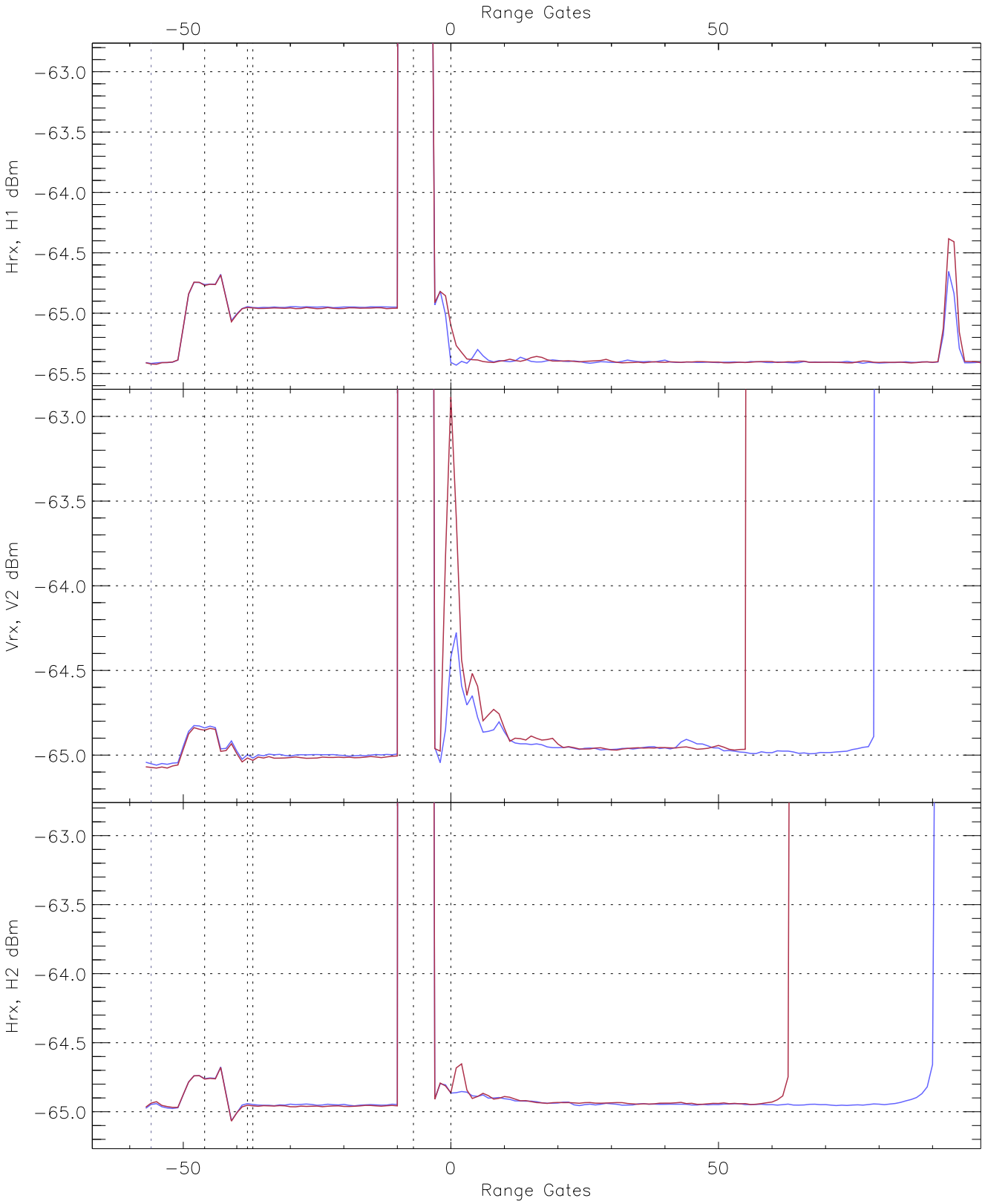


WCR3 CPP "Best" estimate Receivers Noise Power

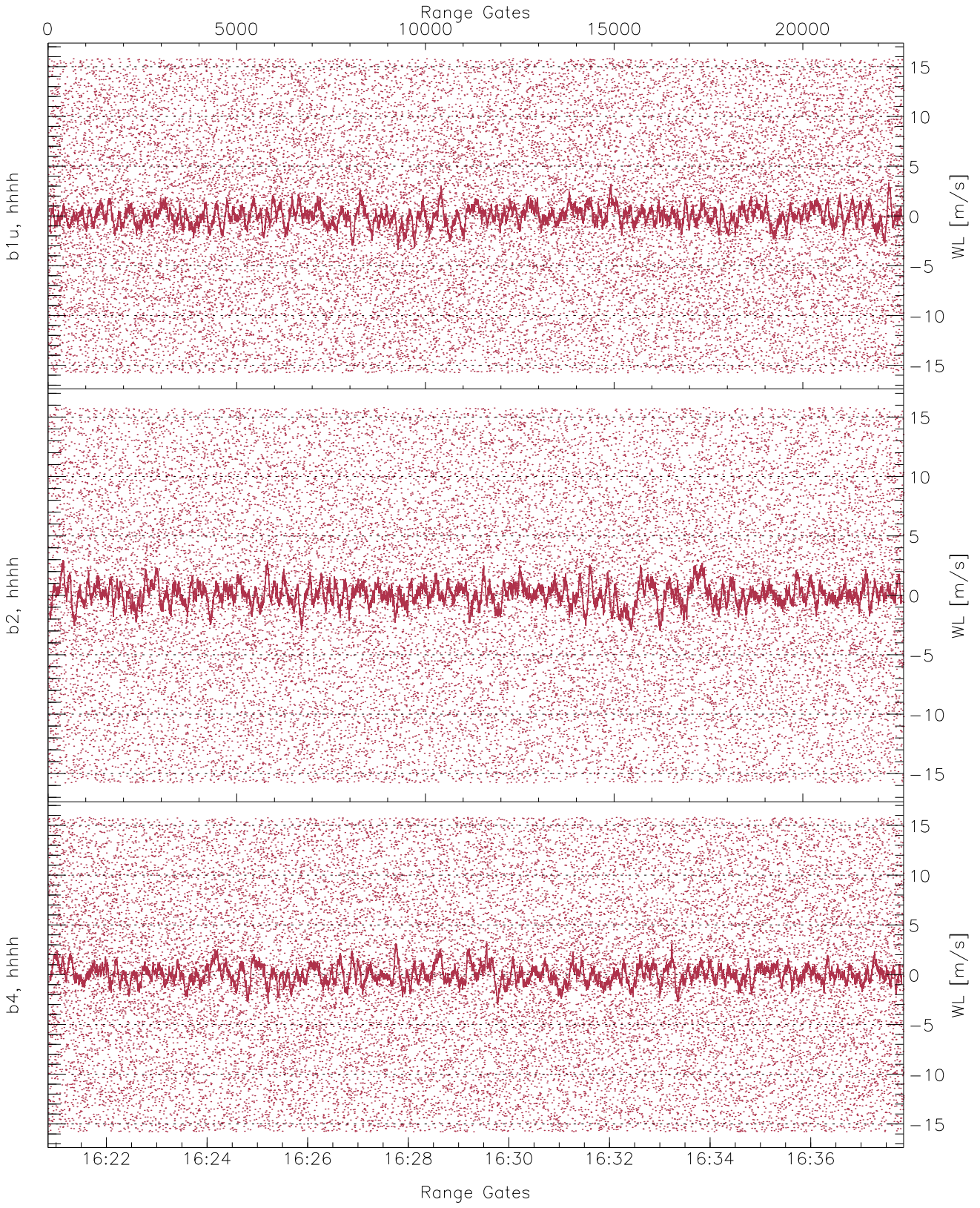
	Min	Max	Mean	Median	StDev
H1RG258_0 [dBm]	-66.91	-64.23	-65.42	-65.42	-76.95
V2RG397_0 [dBm]	-66.43	-63.94	-65.07	-65.08	-76.60
H2RG303_0 [dBm]	-66.37	-63.86	-64.98	-64.99	-76.44



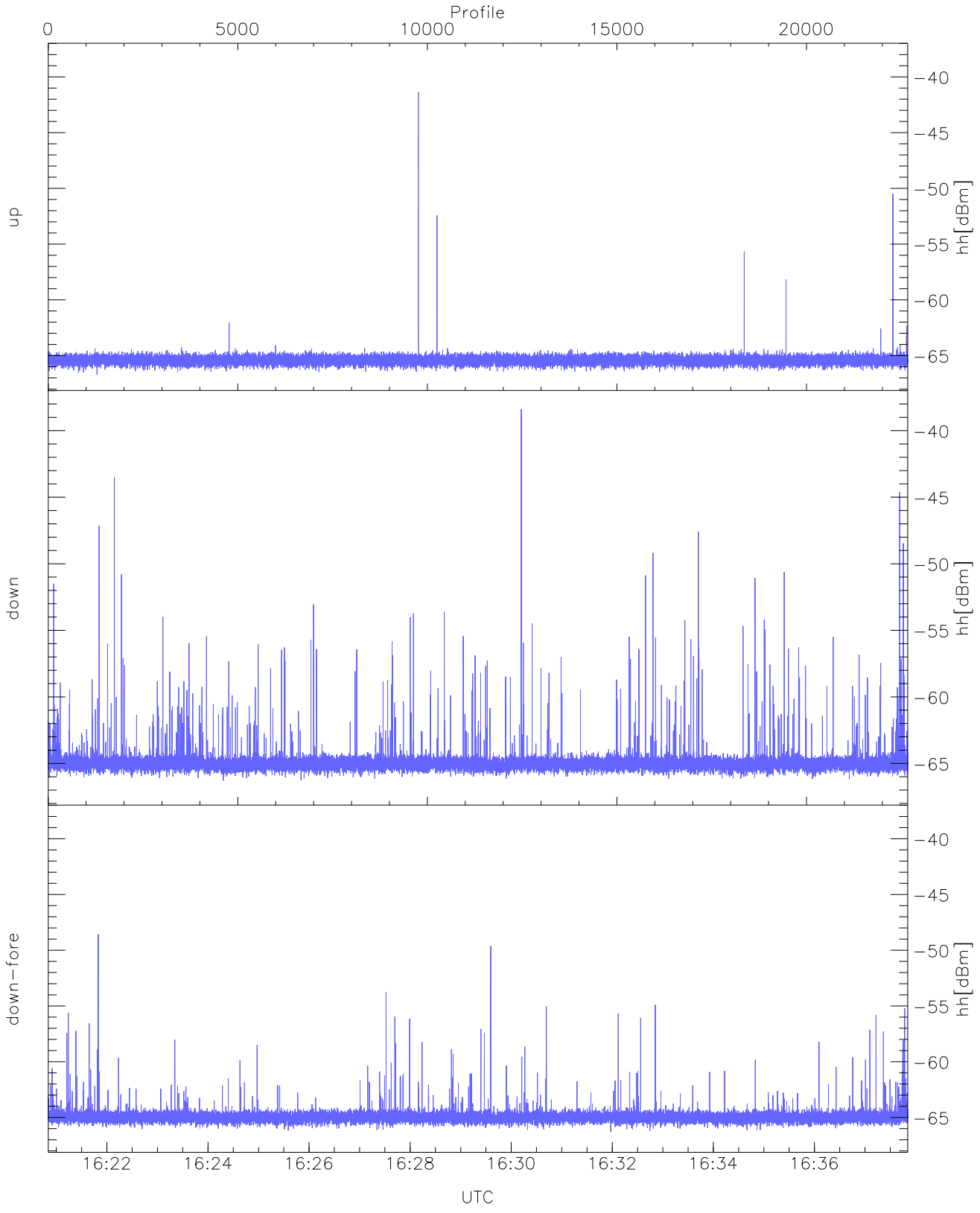
WCR3 CPP Averaged Received power for all recorded gates
blue: 162050-162921, 11337 profiles averaged
red: 162921-163751, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 162050-162921, 11337 profiles averaged
red: 162921-163751, 11336 profiles averaged

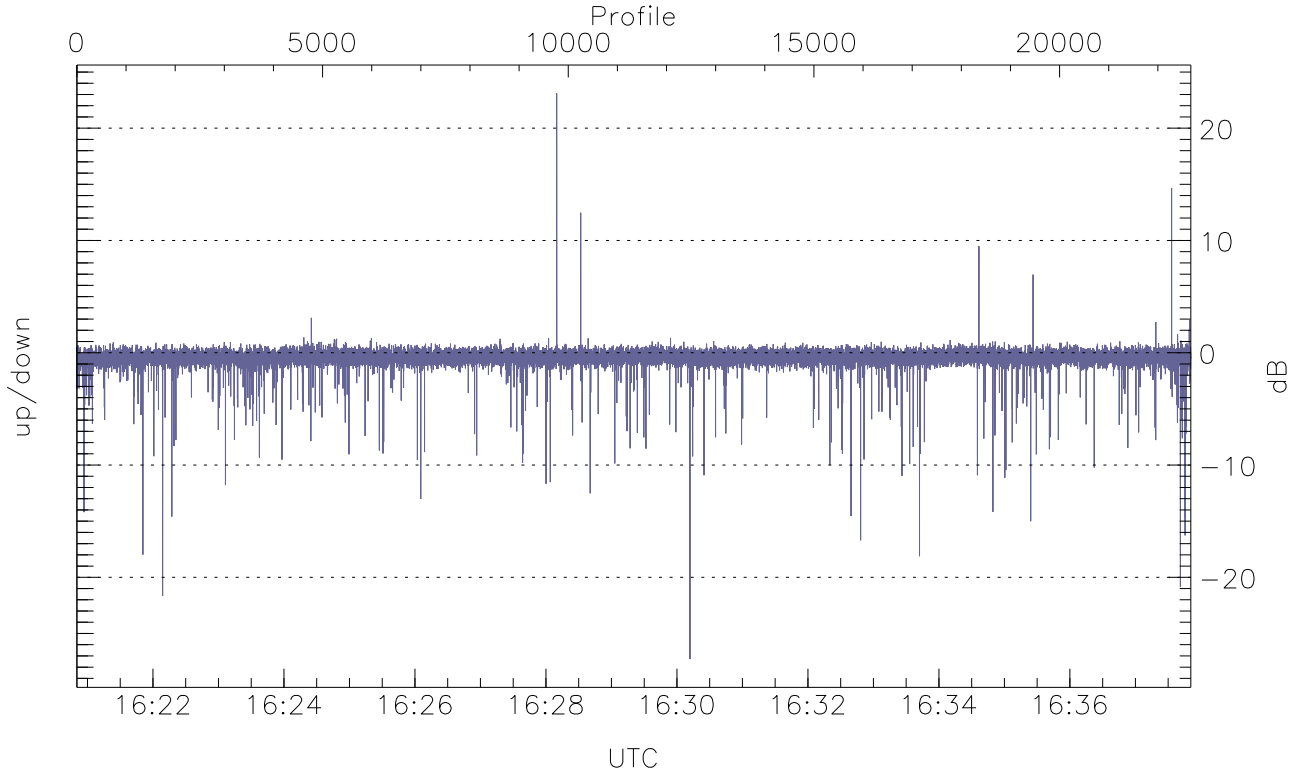


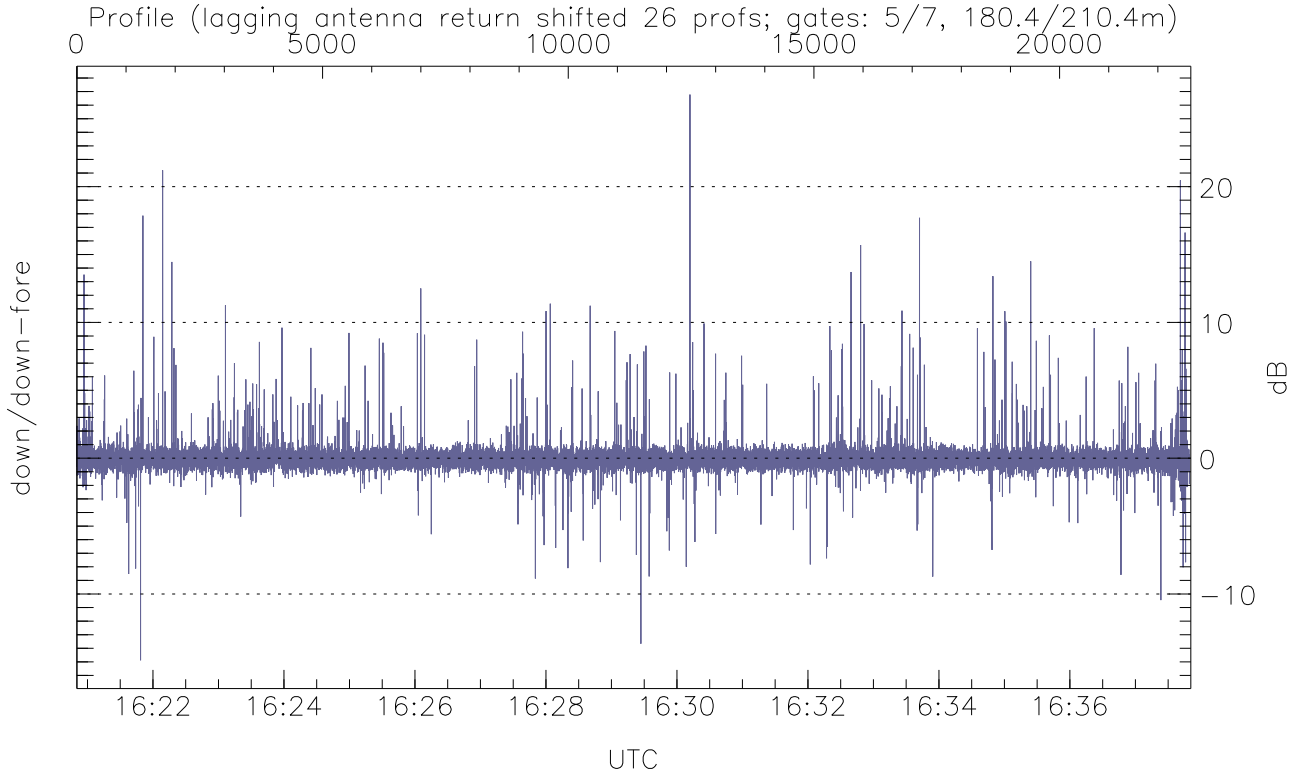
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

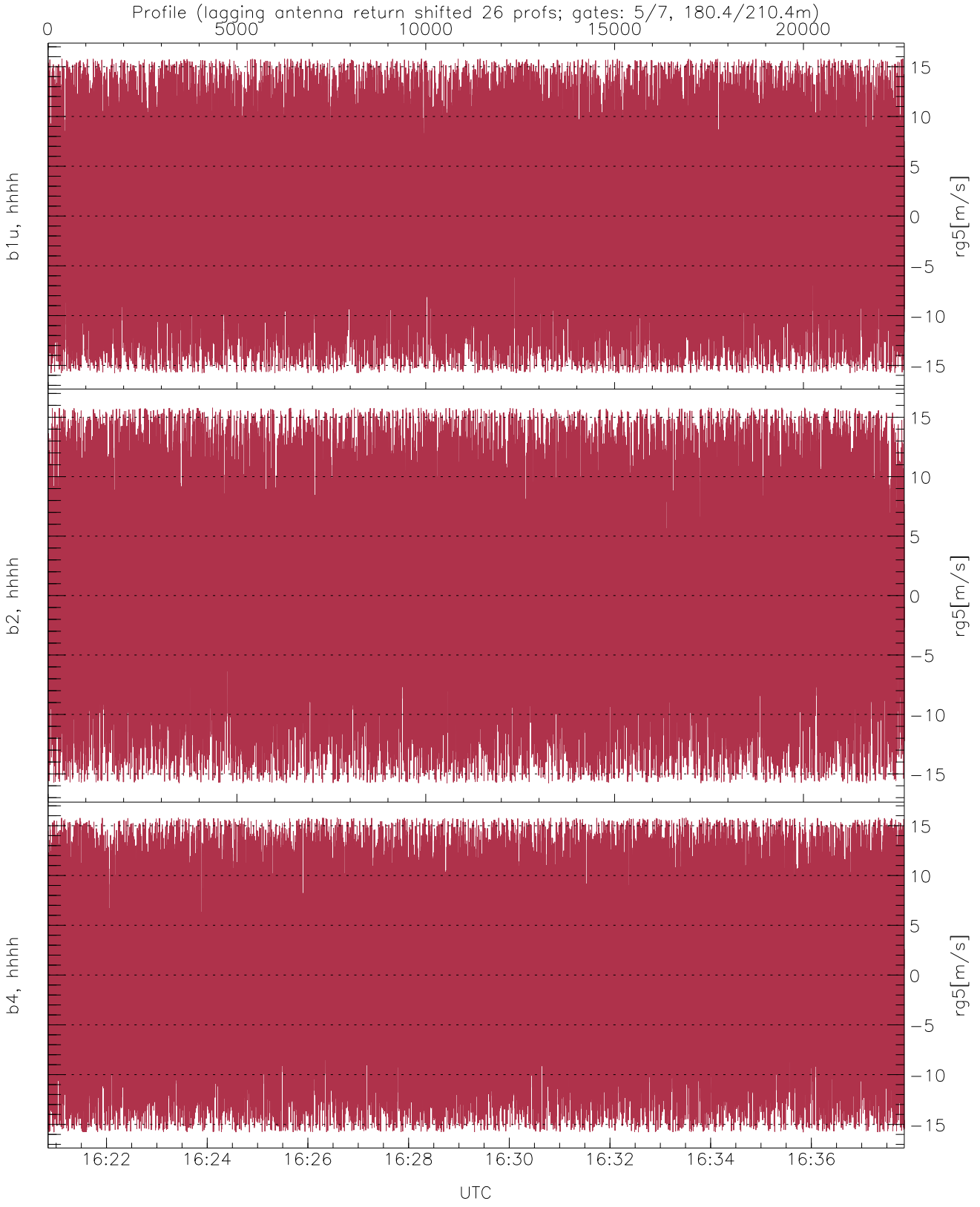
	Min	Max	Mean
up(hh[dBm])	-66.71	-41.33	-65.34
down(hh[dBm])	-66.30	-38.40	-64.68
down-fore(hh[dBm])	-66.30	-48.58	-64.89





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

	Min	Max	Mean
up/down(dB)	-27.28	23.11	-0.45
down/down-fore(dB)	-14.88	26.78	-0.03



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.05	8.61
b2, hhhh(rg5[m/s])	-15.79	15.79	0.04	8.32
b4, hhhh(rg5[m/s])	-15.78	15.79	0.14	8.91