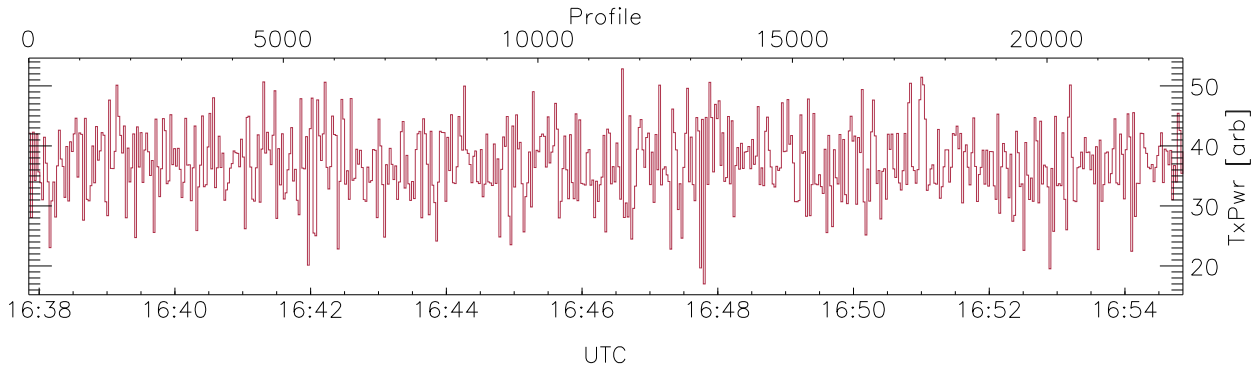
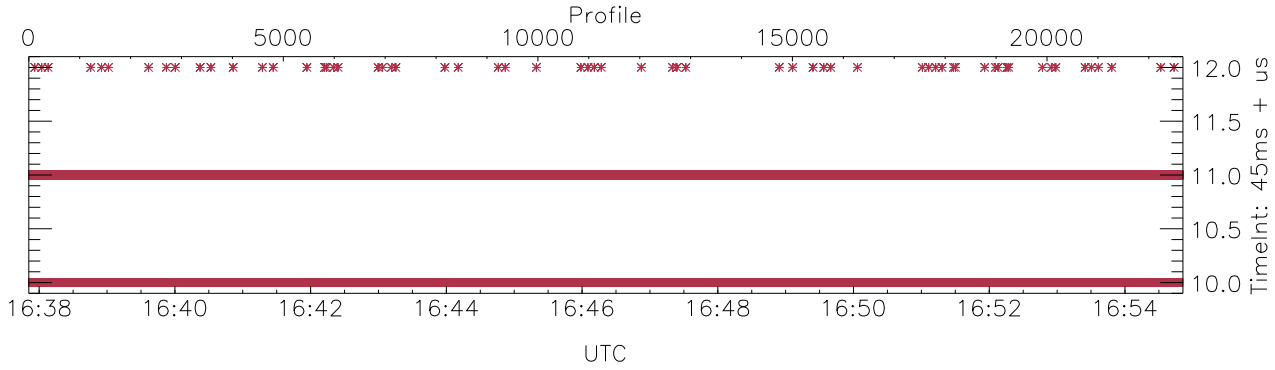
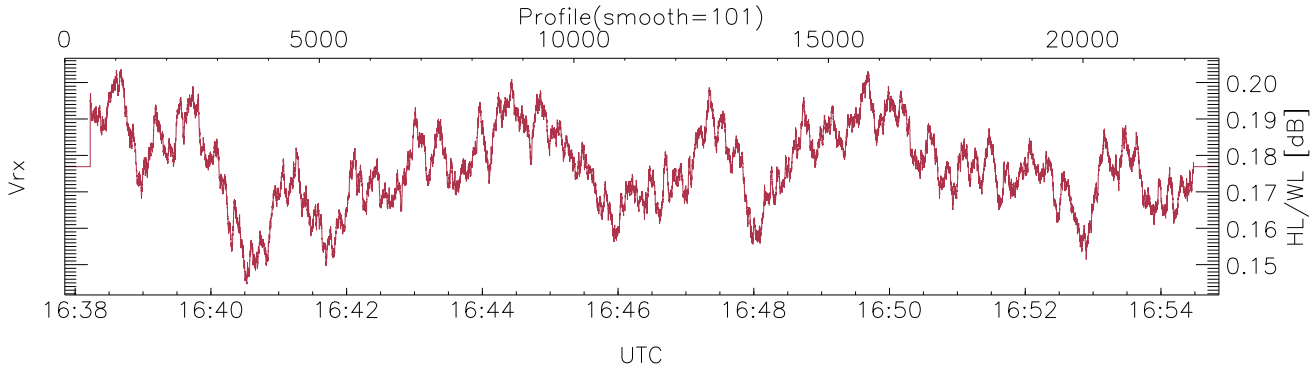
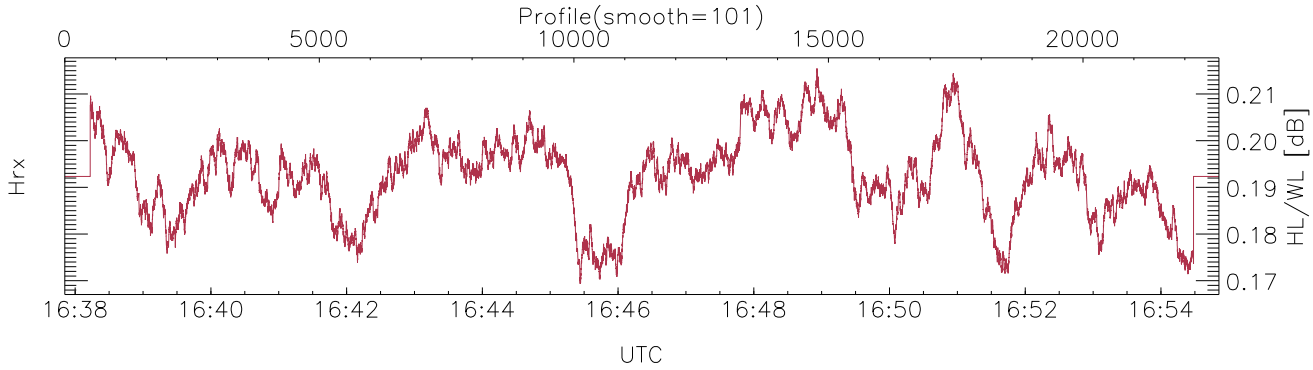


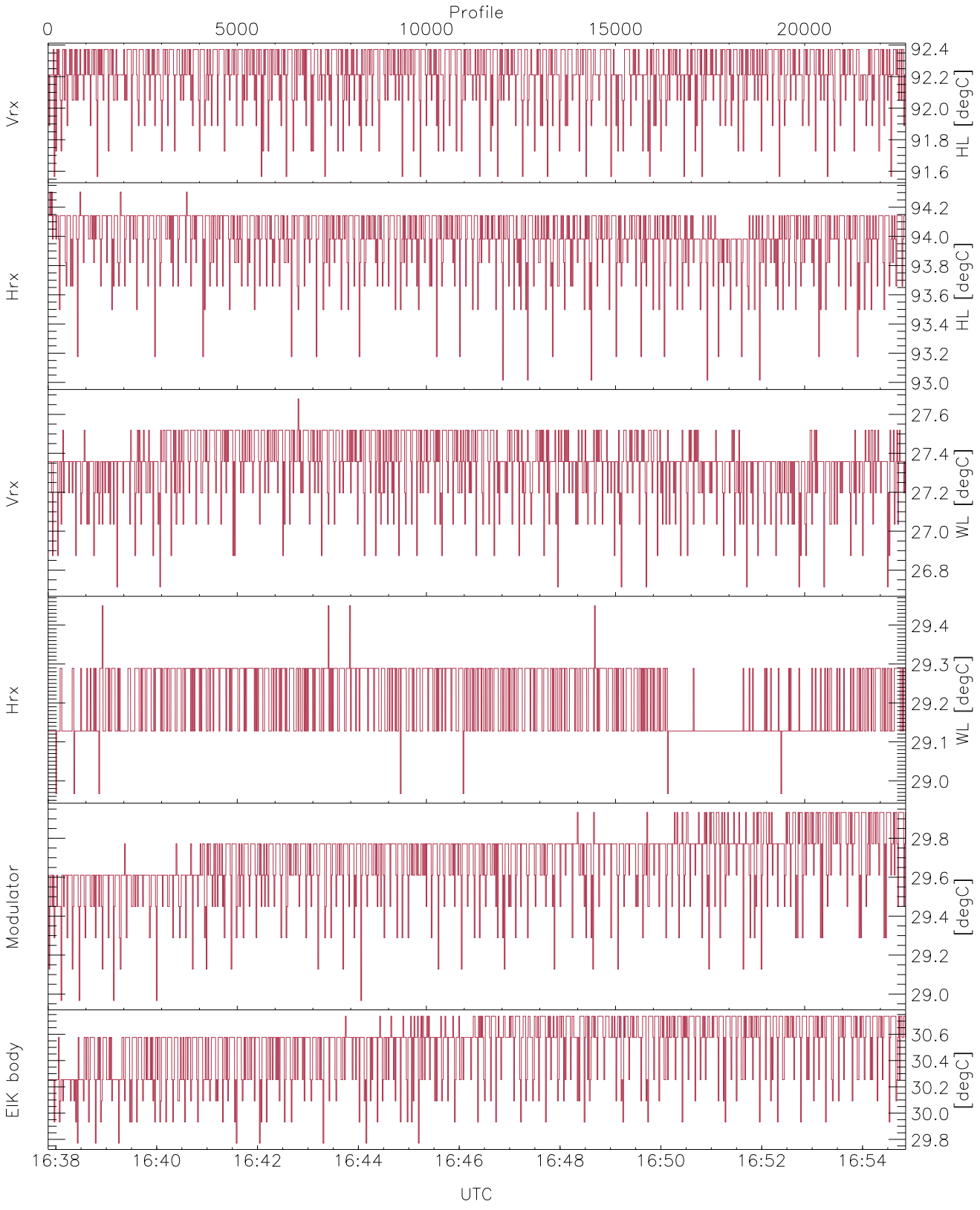






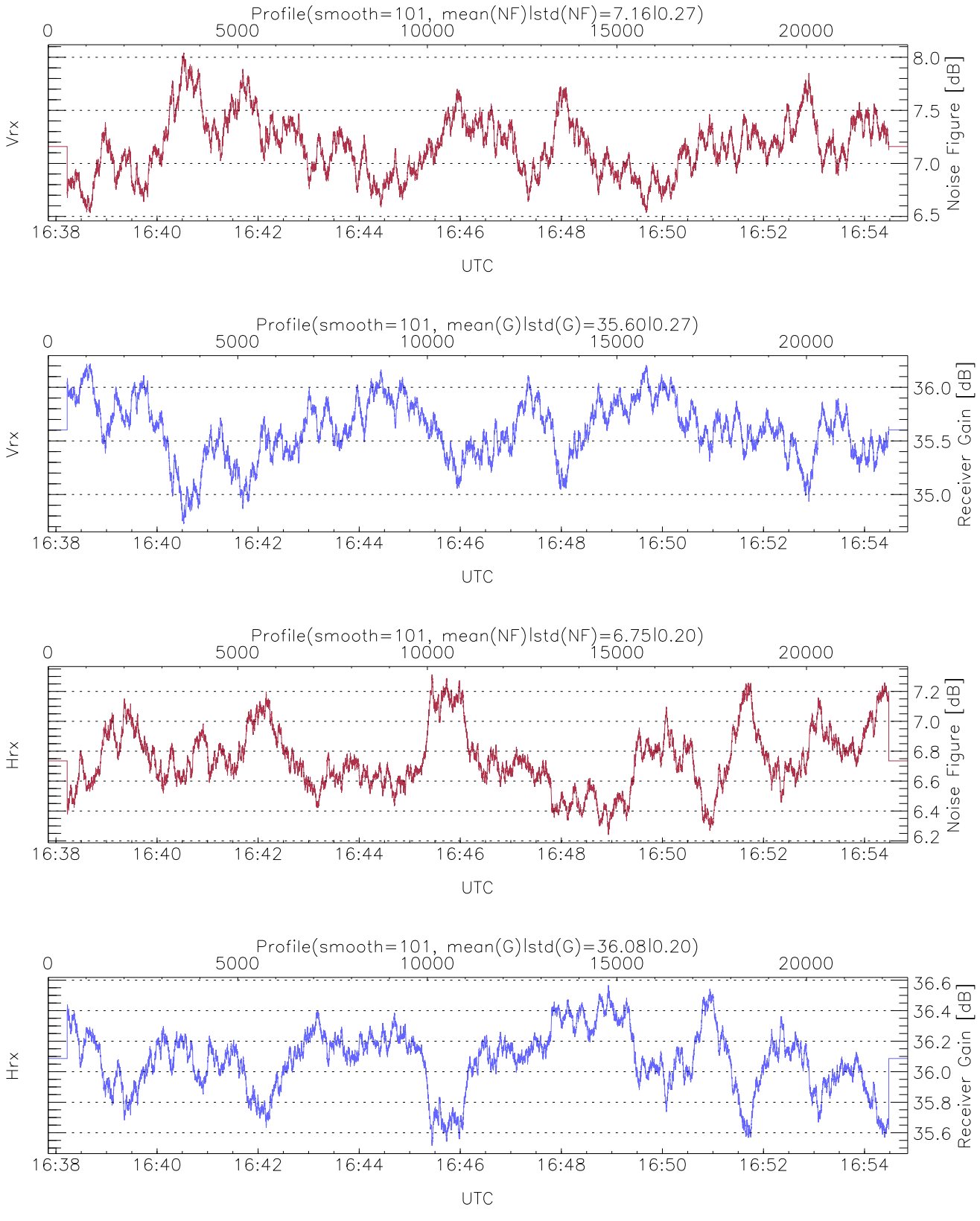
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:37:51-16:54:51, 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, 0-22671/16:37:51-16:54:51
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



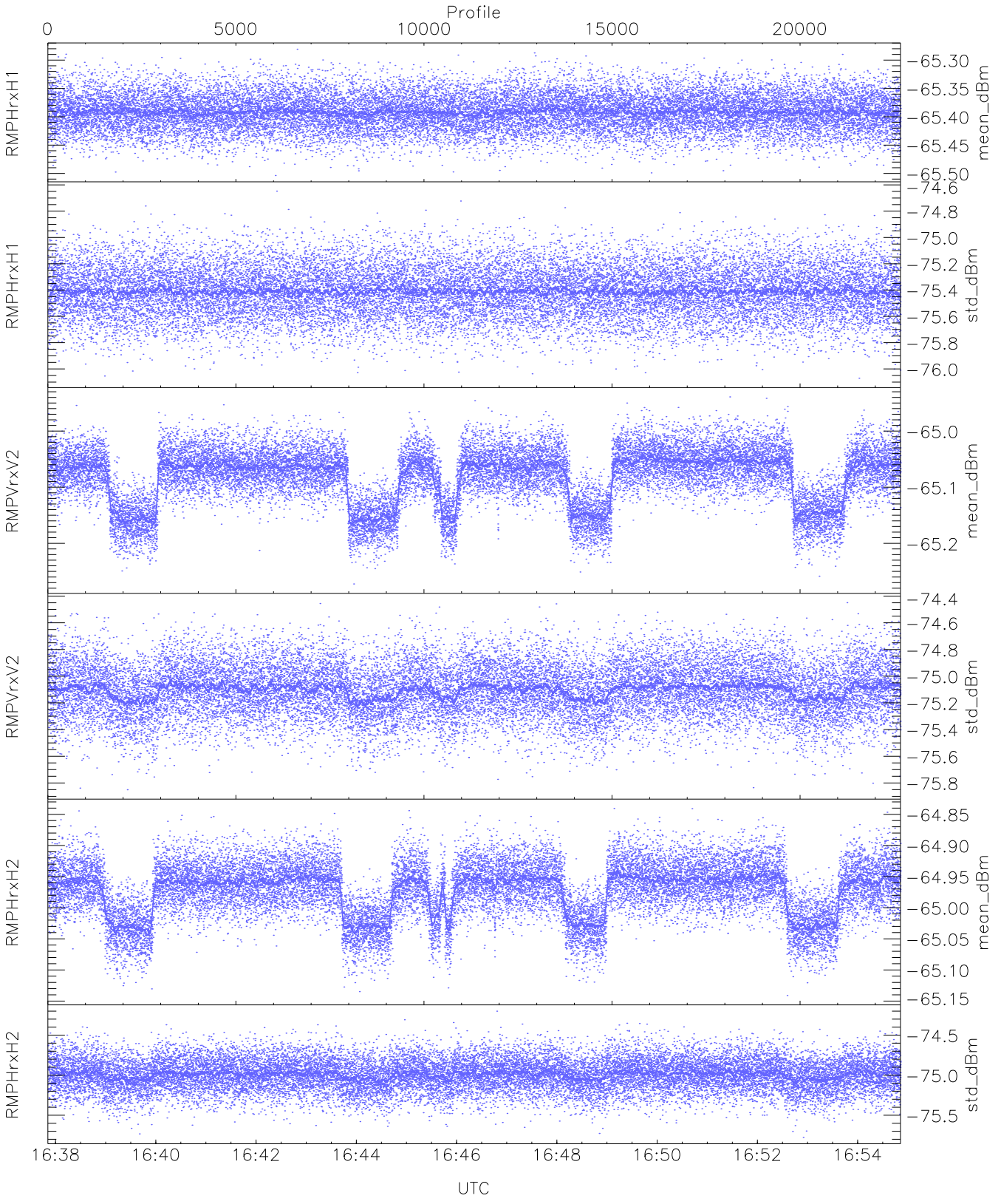
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,26,28,28,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,27,29,29,30
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK/Modulator Faults: None



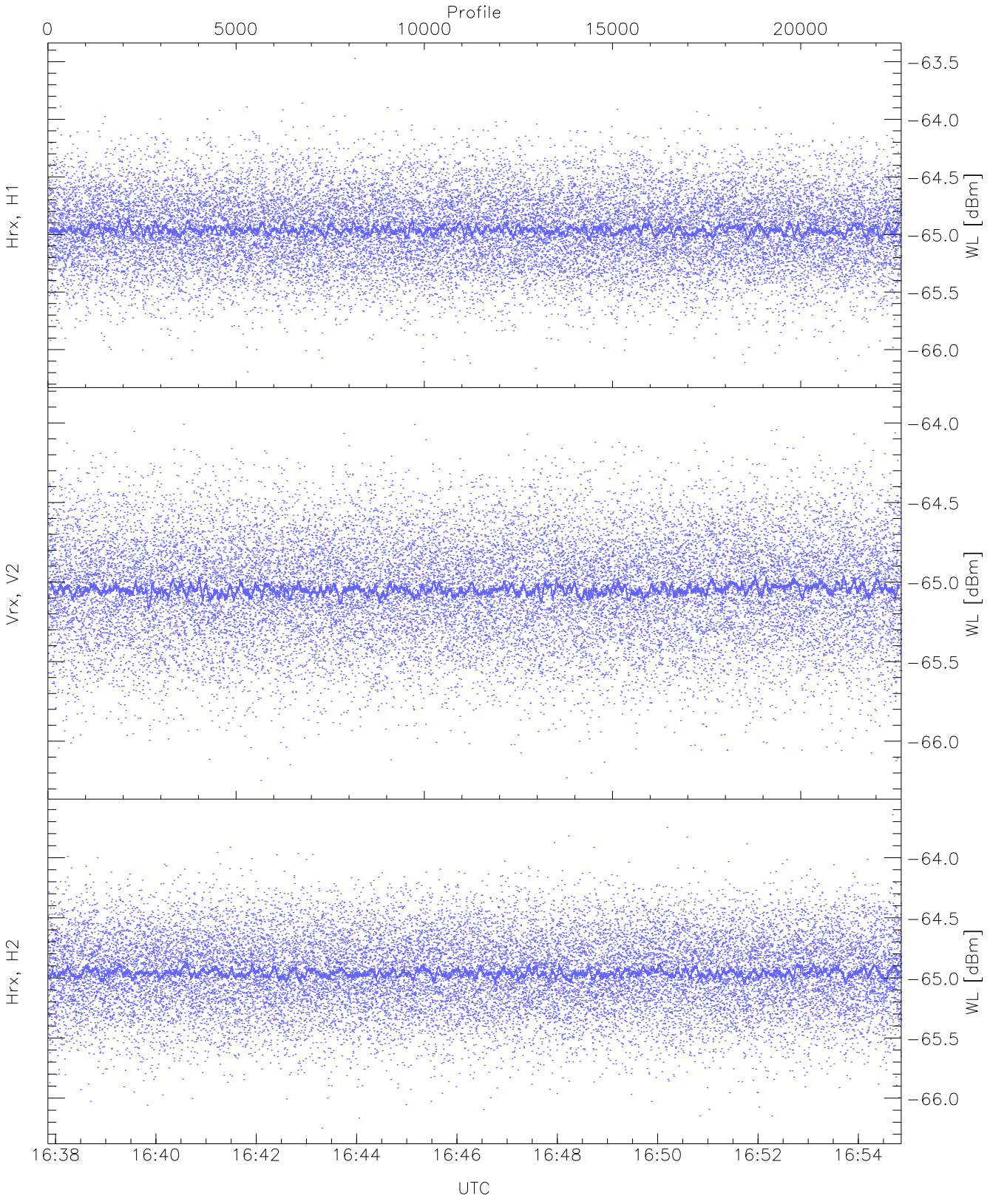
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3271 pixs, 2 gates, 3271 profs, 1 prod(s)



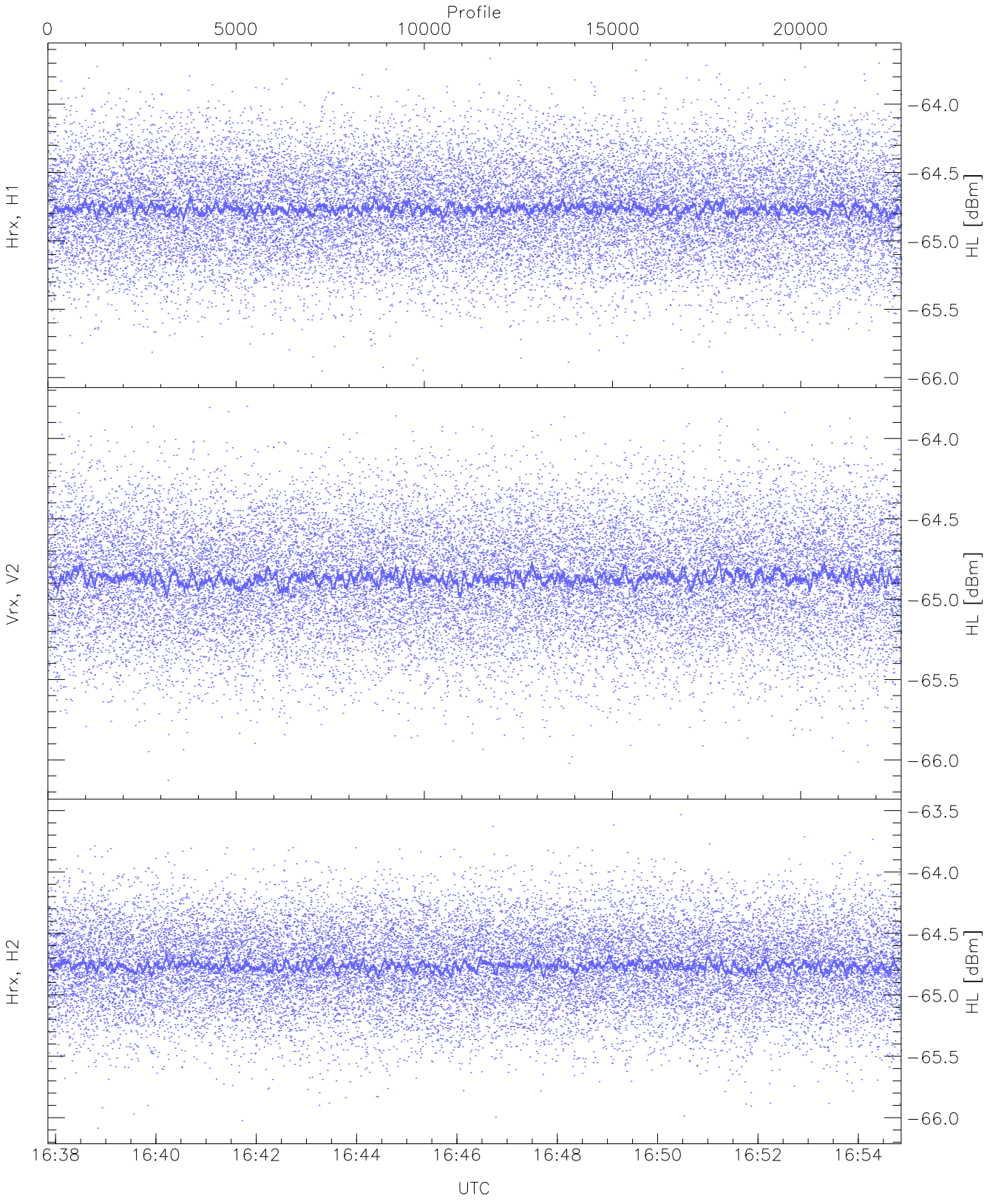
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.28	-65.39	-65.39	-86.98
RMPHrxH1(std_dBm)	-76.07	-74.65	-75.41	-75.41	-89.21
RMPVrxV2(mean_dBm)	-65.27	-64.94	-65.08	-65.07	-84.47
RMPVrxV2(std_dBm)	-75.85	-74.45	-75.10	-75.10	-88.78
RMPHrxH2(mean_dBm)	-65.14	-64.84	-64.97	-64.97	-84.96
RMPHrxH2(std_dBm)	-75.78	-74.20	-74.99	-74.99	-88.68



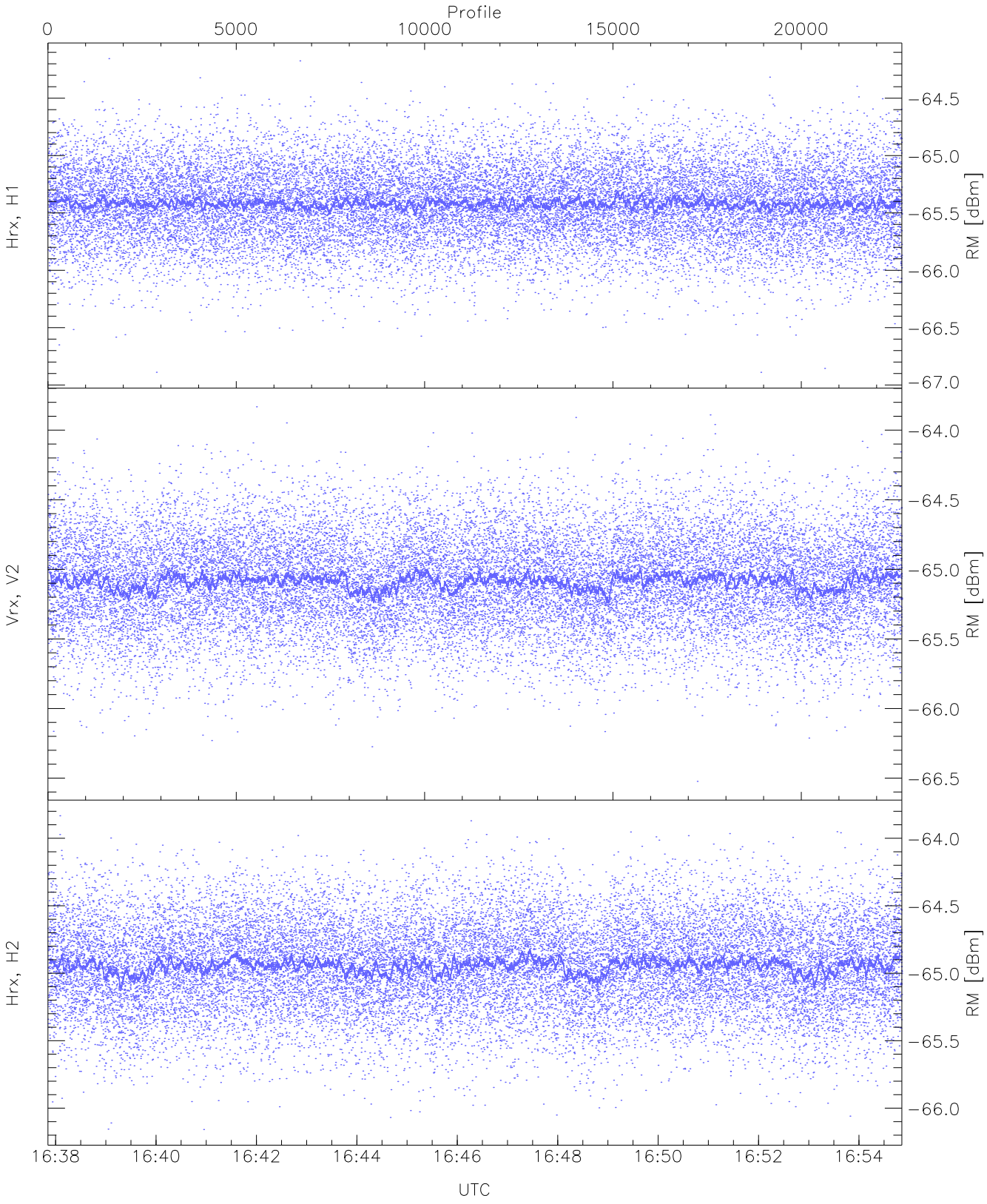
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.19	-63.47	-64.95	-64.96	-76.44
Vrx, V2(WL [dBm])	-66.25	-63.90	-65.04	-65.05	-76.55
Hrx, H2(WL [dBm])	-66.25	-63.64	-64.95	-64.96	-76.44



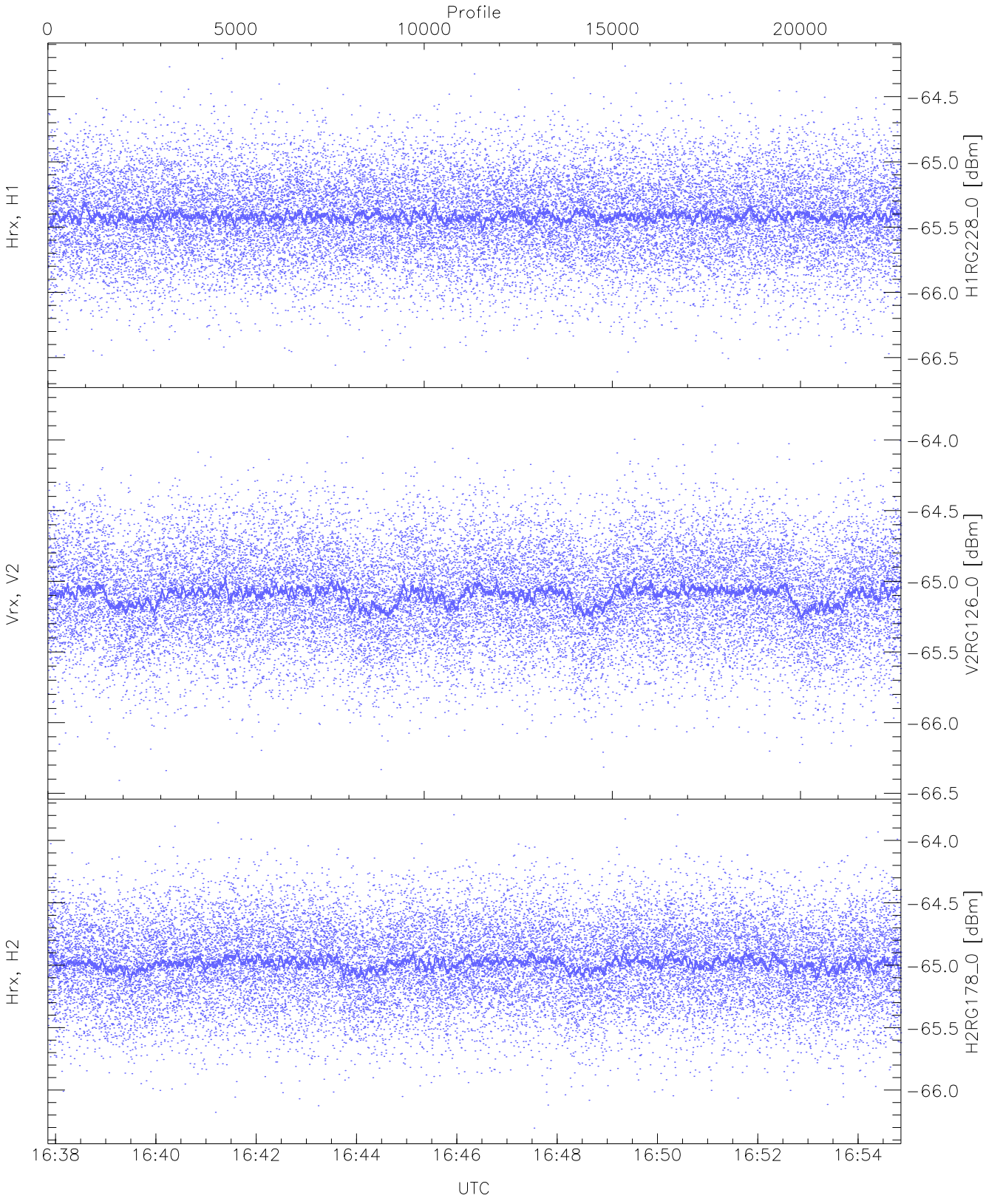
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.96	-63.67	-64.76	-64.77	-76.26
Vrx, V2(HL [dBm])	-66.13	-63.80	-64.86	-64.87	-76.37
Hrx, H2(HL [dBm])	-66.09	-63.53	-64.76	-64.77	-76.26



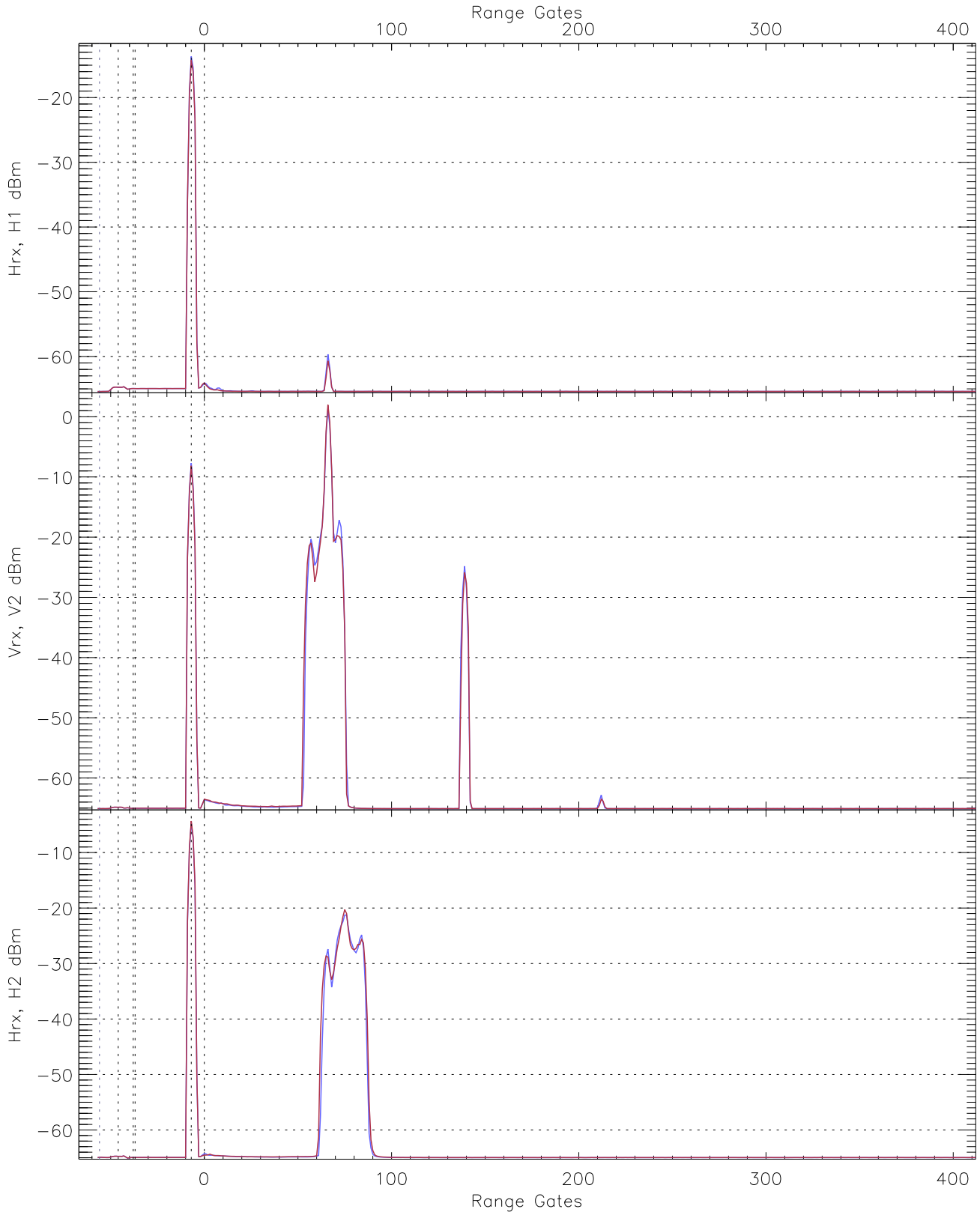
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.89	-64.16	-65.41	-65.42	-76.90
Vrx, V2(RM [dBm])	-66.52	-63.83	-65.08	-65.09	-76.55
Hrx, H2(RM [dBm])	-66.16	-63.83	-64.94	-64.95	-76.42

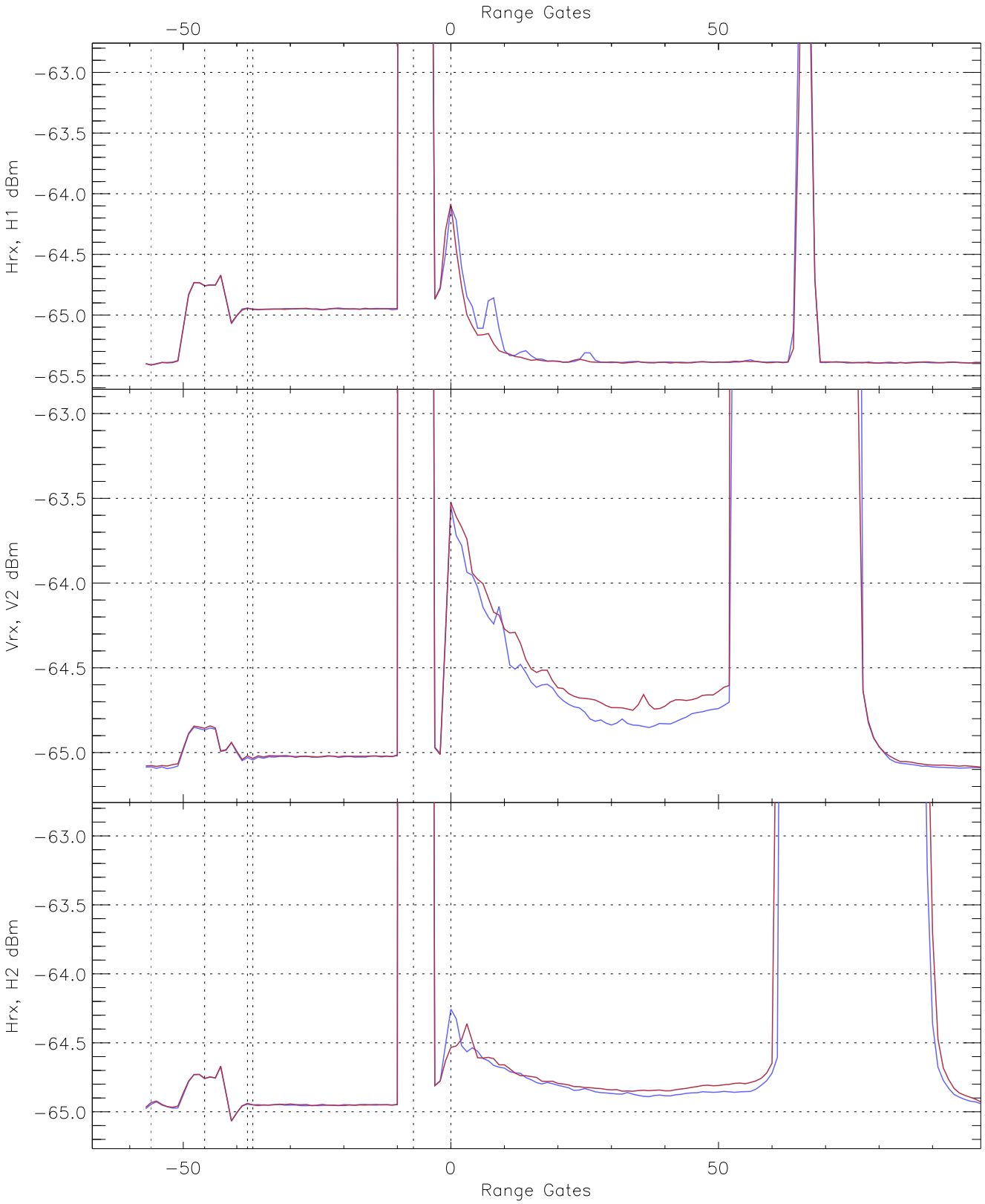


WCR3 CPP "Best" estimate Receivers Noise Power

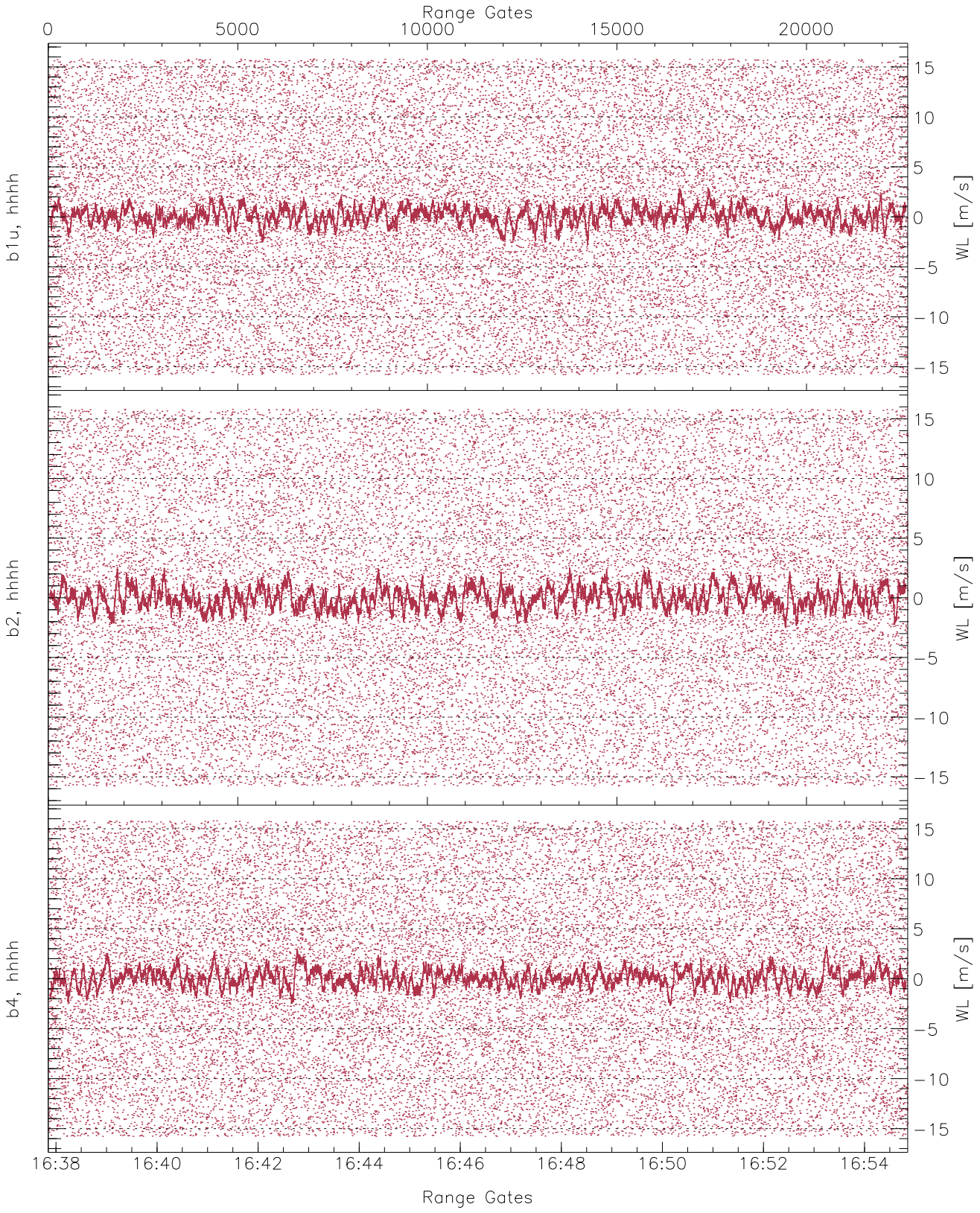
	Min	Max	Mean	Median	StDev
H1RG228_0 [dBm]	-66.61	-64.21	-65.41	-65.42	-76.96
V2RG126_0 [dBm]	-66.41	-63.76	-65.09	-65.10	-76.53
H2RG178_0 [dBm]	-66.30	-63.79	-64.98	-64.99	-76.49



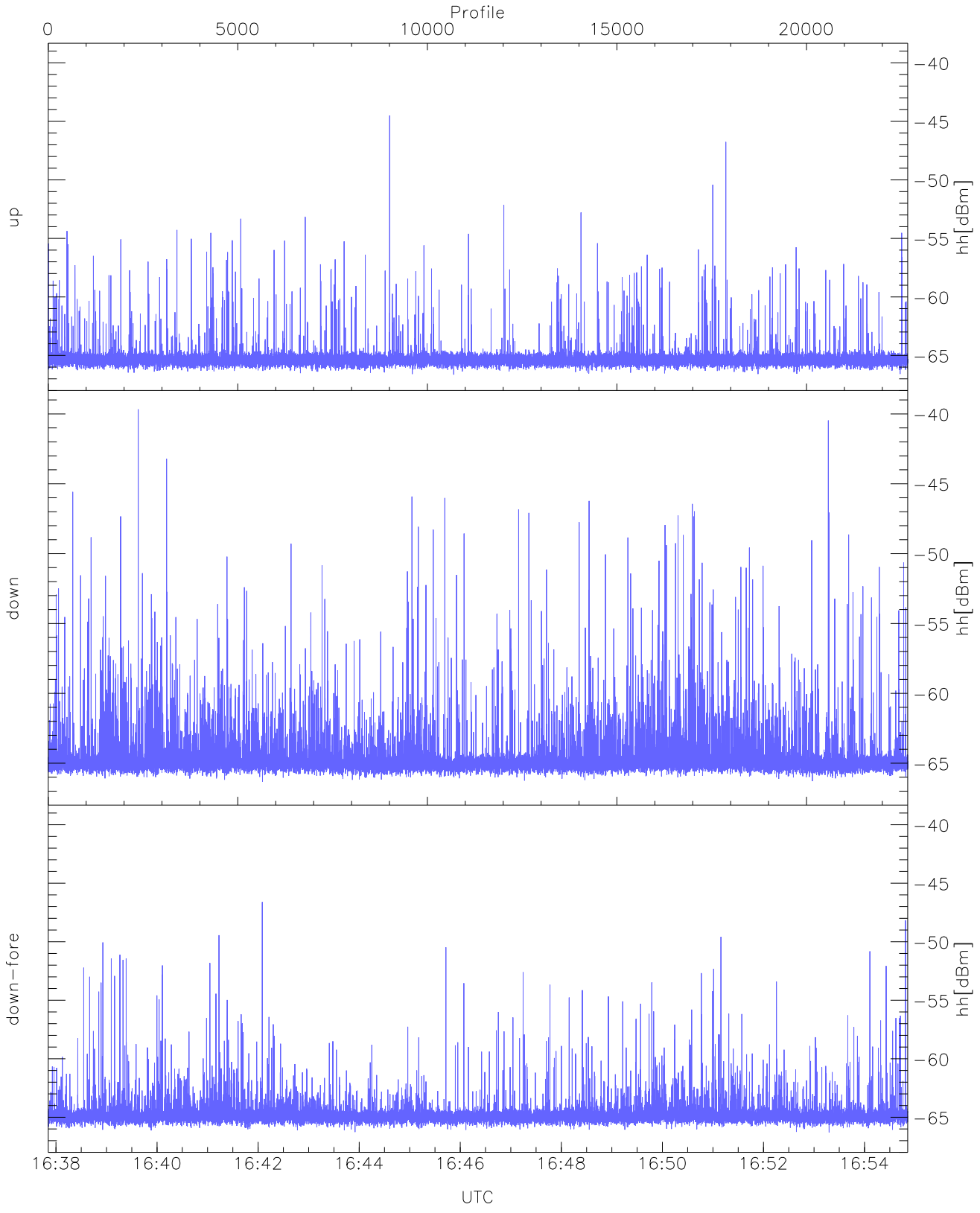
WCR3 CPP Averaged Received power for all recorded gates
blue: 163751-164621, 11337 profiles averaged
red: 164621-165451, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 163751-164621, 11337 profiles averaged
red: 164621-165451, 11336 profiles averaged

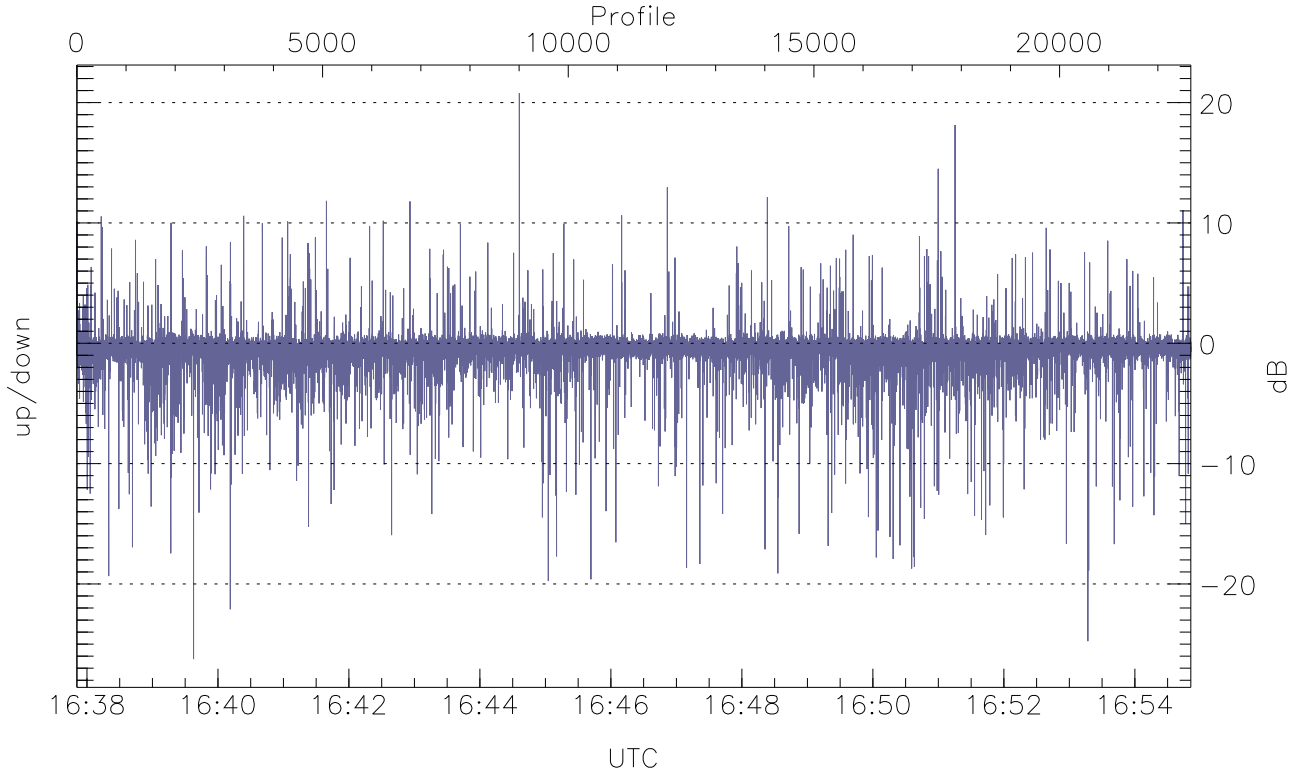


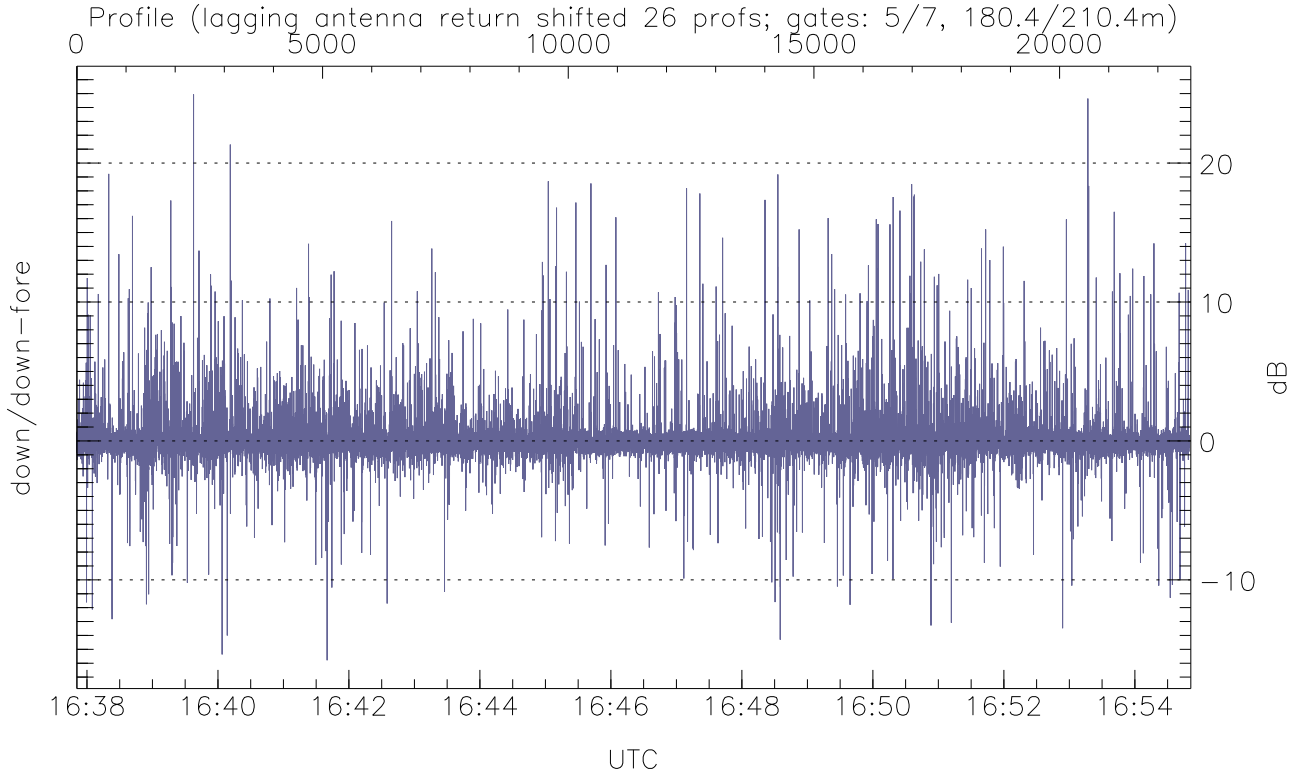
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

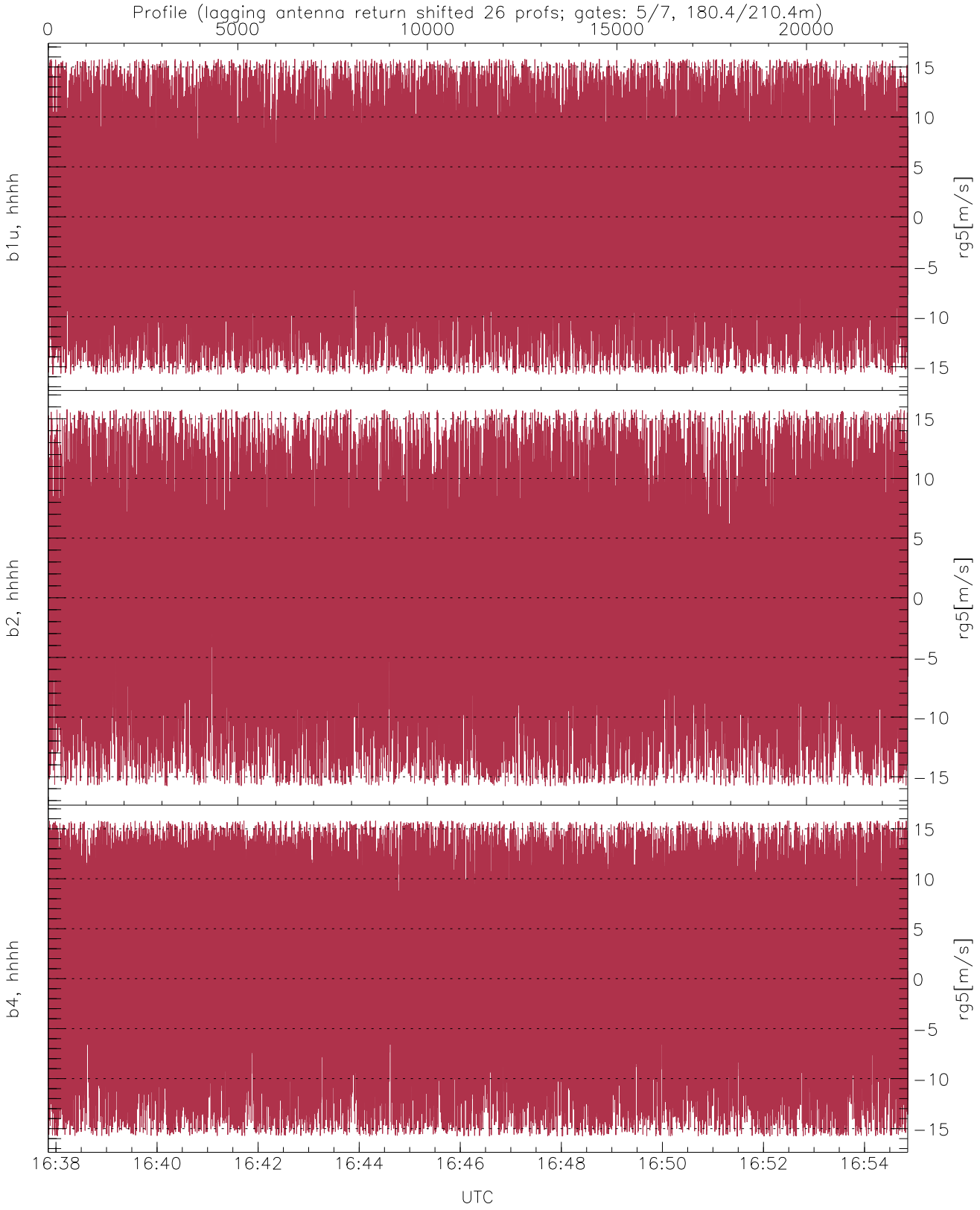
	Min	Max	Mean
up(hh[dBm])	-66.65	-44.50	-65.14
down(hh[dBm])	-66.31	-39.67	-64.00
down-fore(hh[dBm])	-66.30	-46.60	-64.58





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

	Min	Max	Mean
up/down(dB)	-26.24	20.77	-0.60
down/down-fore(dB)	-15.79	24.93	0.08



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.01	8.41
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.19	7.80
b4, hhhh(rg5[m/s])	-15.78	15.79	1.34	9.05