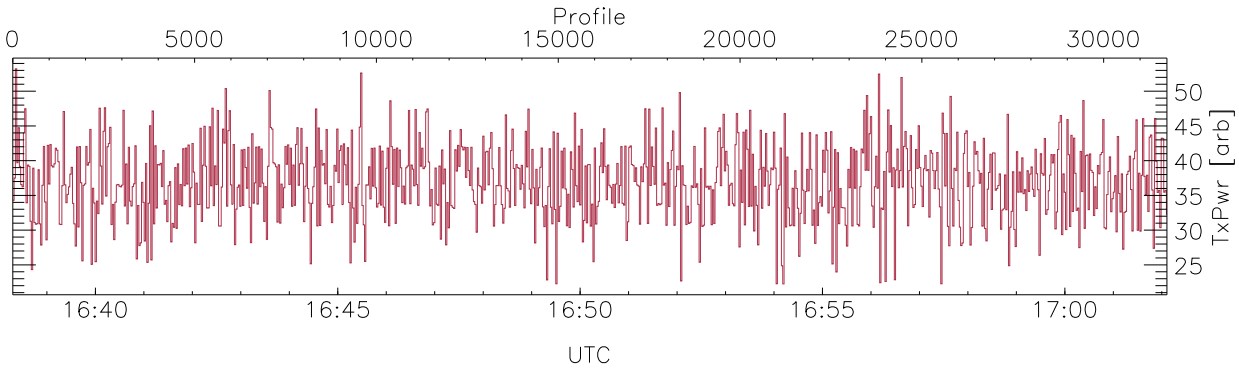
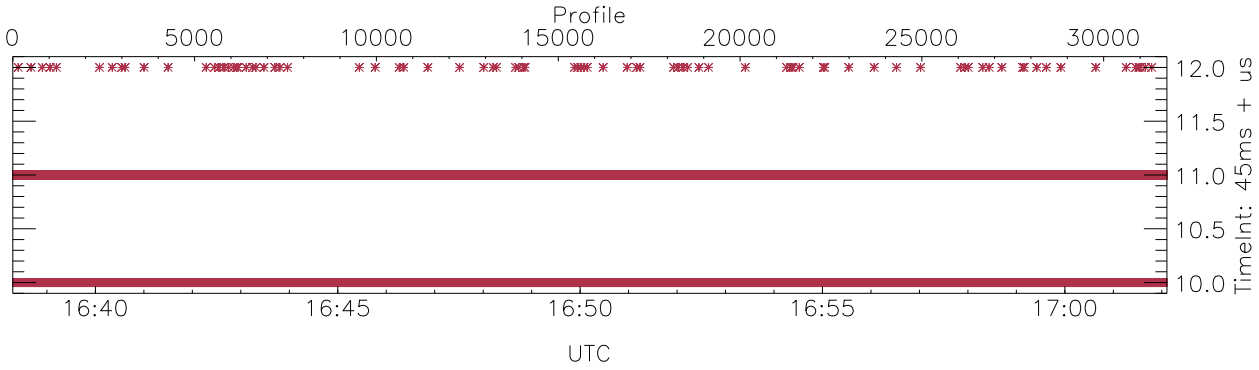
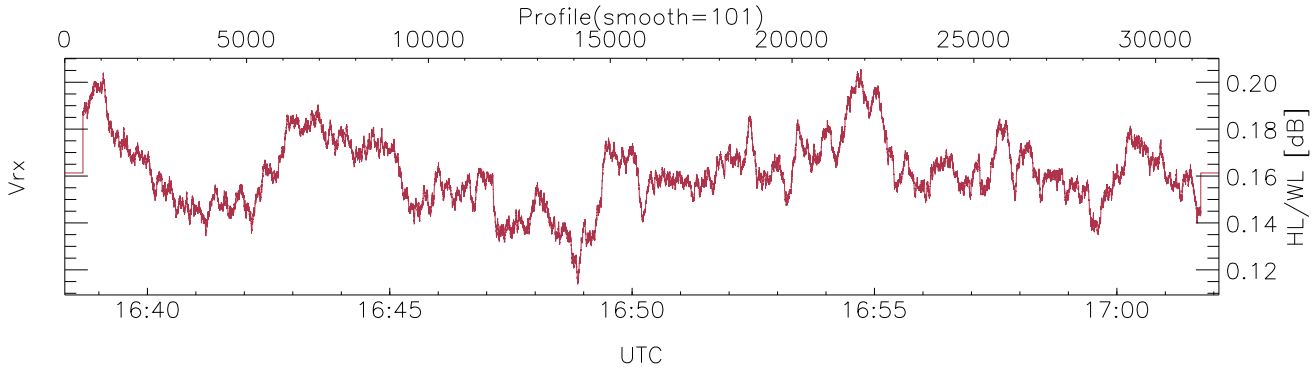
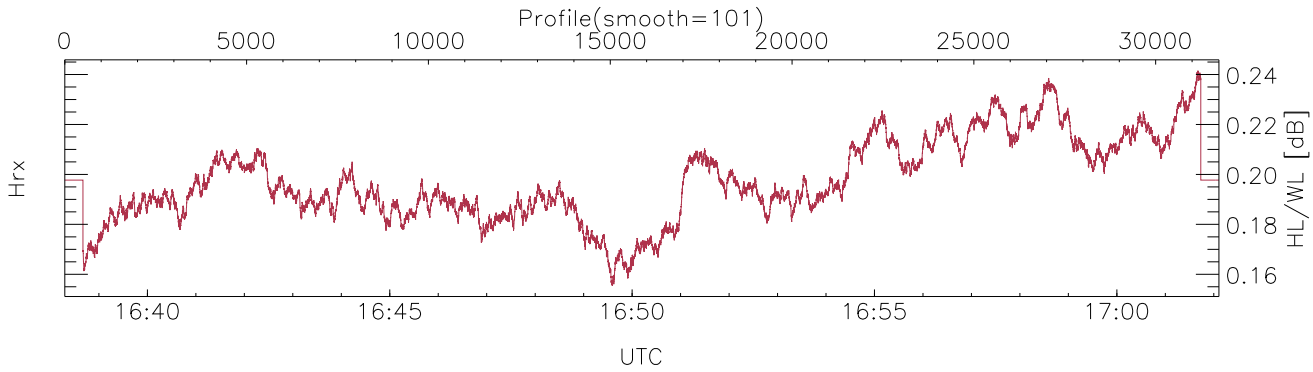


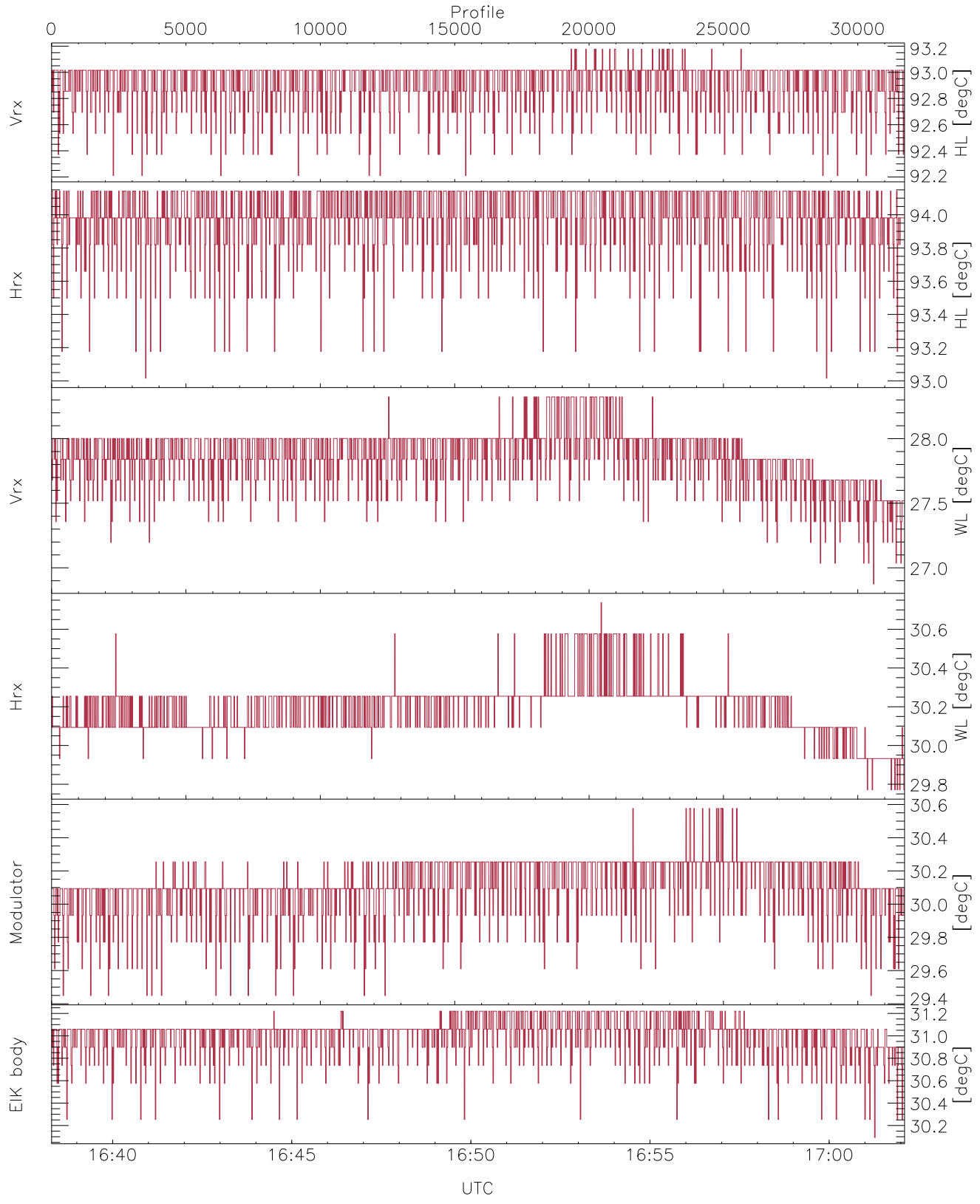






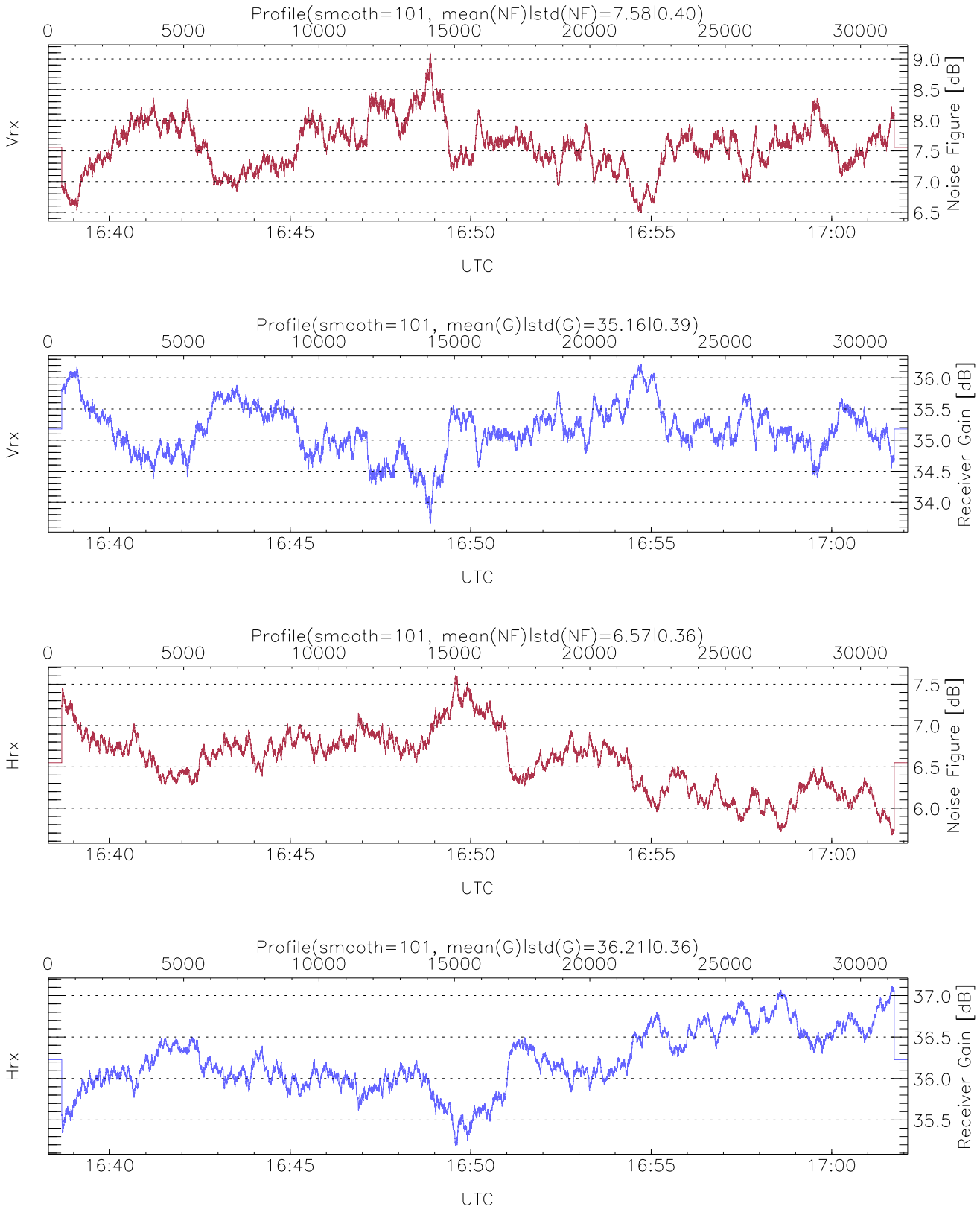
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:38:18-17:02:06, TimeCor: 0.00s, Dur: 1428.66s
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): 31741/31741, 0-31740/16:38:18-17:02:06
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



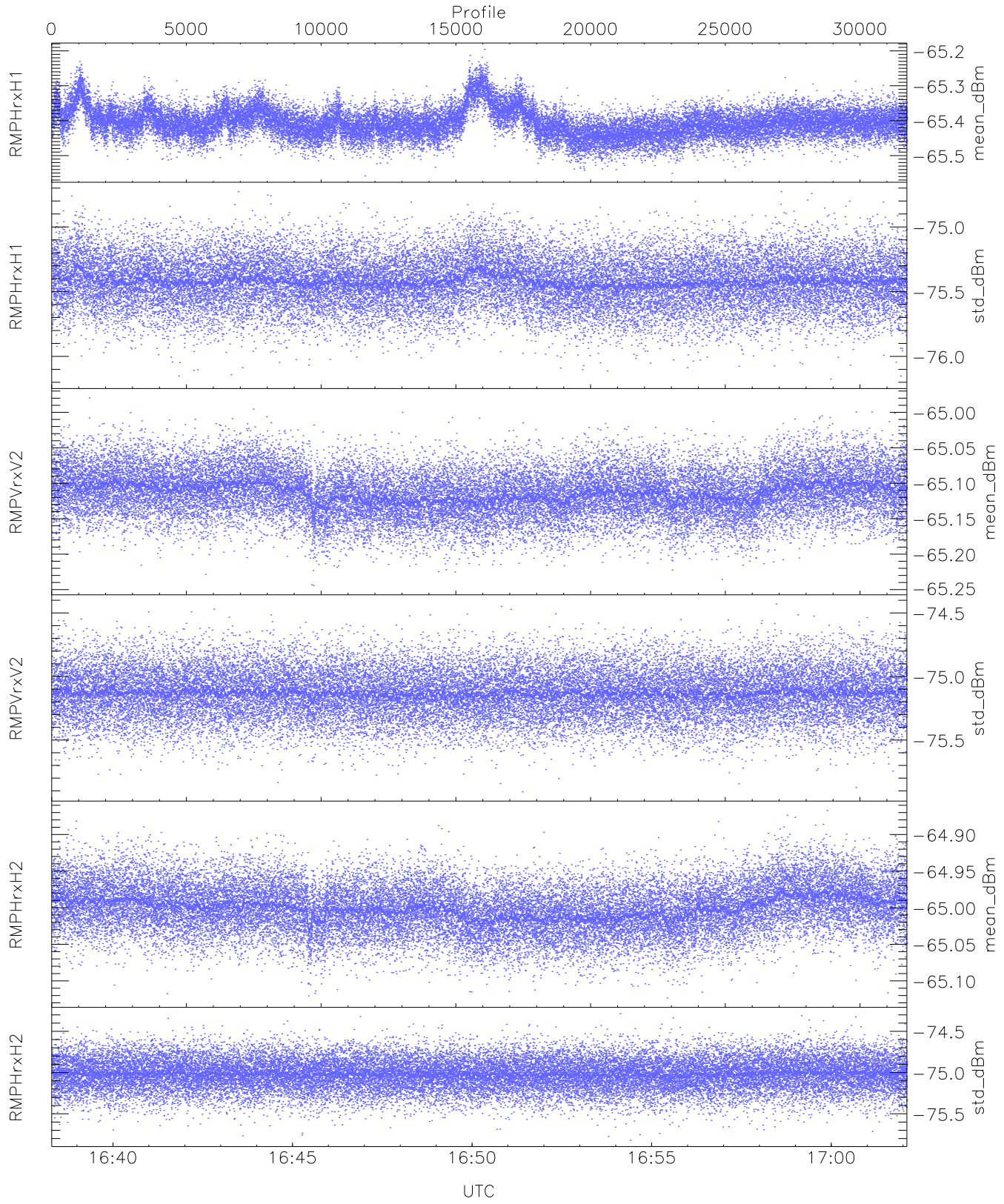
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,29,29,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,30,31
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



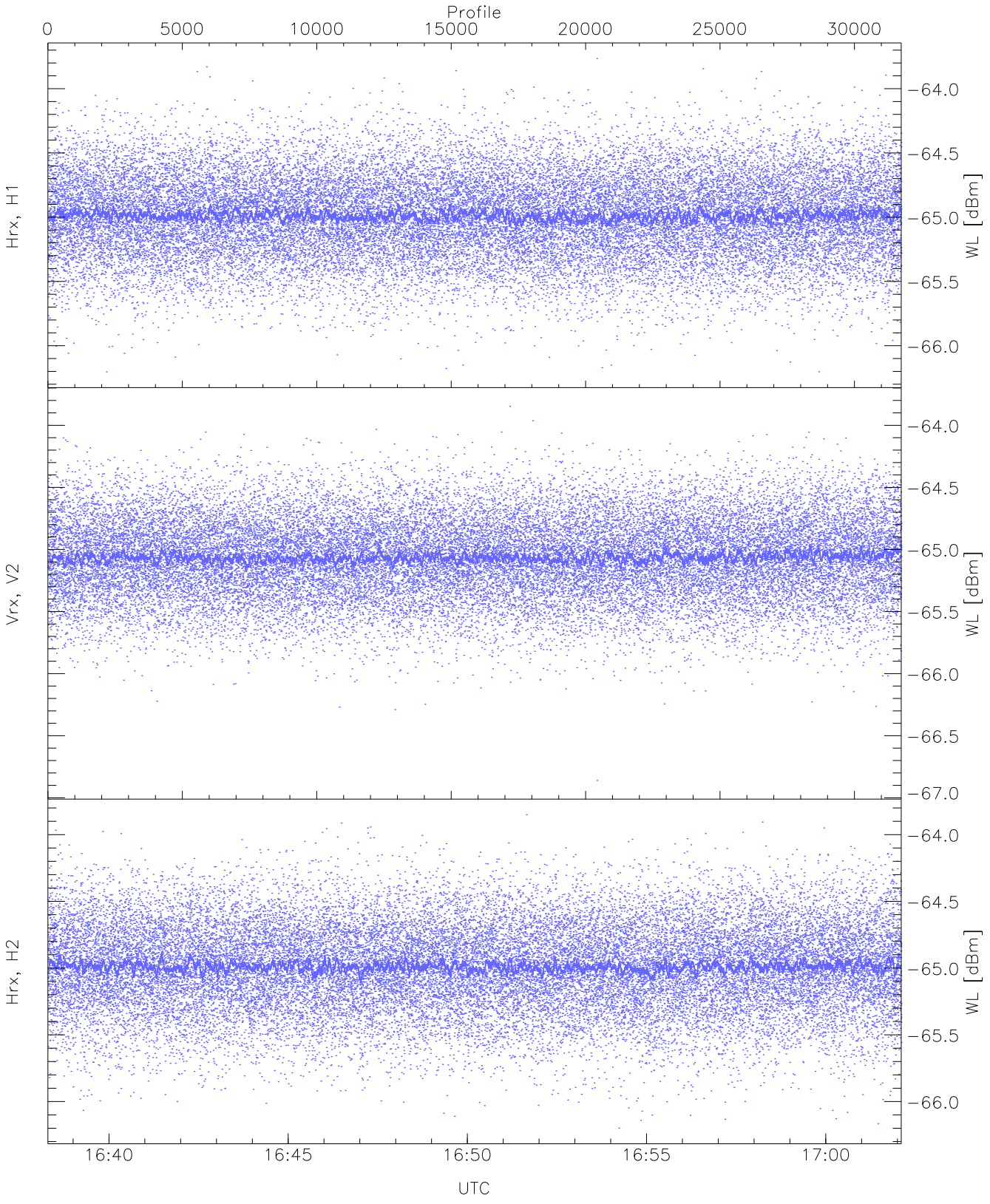
WCR3 CPP Receivers Gain and Noise Figure

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



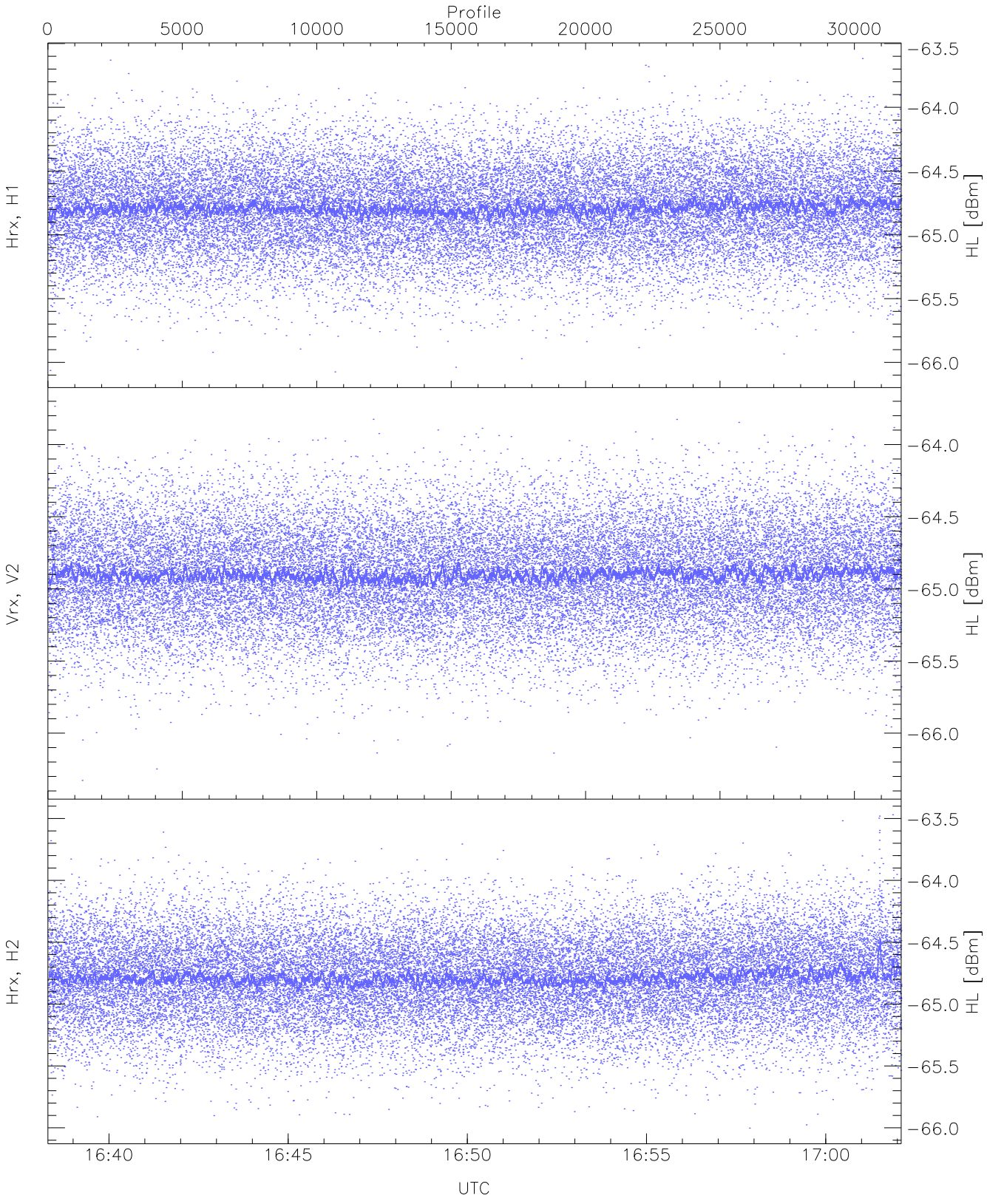
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.56	-65.20	-65.41	-65.41	-85.61
RMPHrxH1(std_dBm)	-76.18	-74.73	-75.42	-75.42	-89.16
RMPVrxV2(mean_dBm)	-65.24	-64.98	-65.11	-65.11	-86.47
RMPVrxV2(std_dBm)	-75.91	-74.43	-75.13	-75.13	-88.93
RMPHrxH2(mean_dBm)	-65.12	-64.87	-65.00	-65.00	-86.33
RMPHrxH2(std_dBm)	-75.82	-74.29	-75.02	-75.02	-88.80



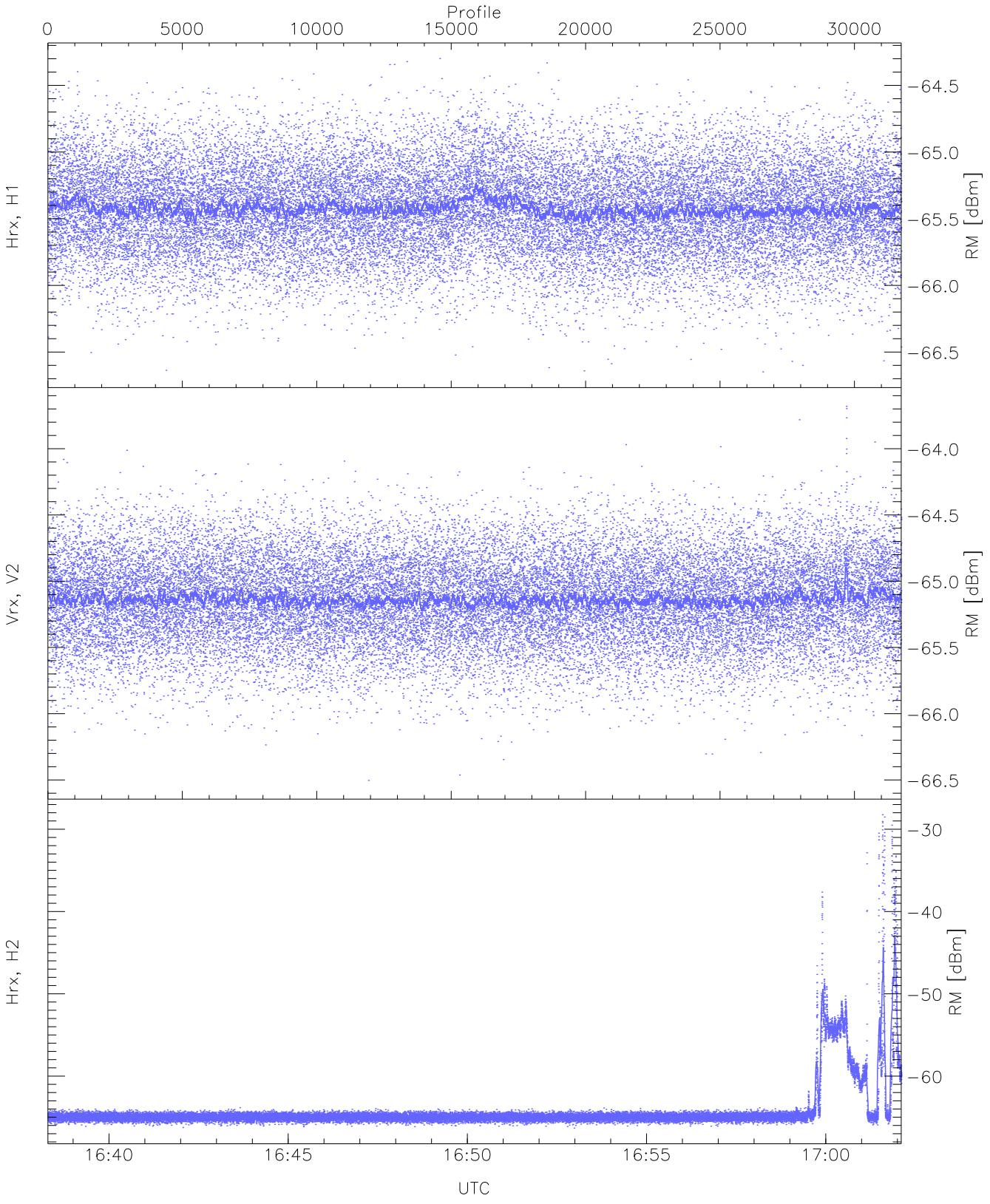
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.20	-63.77	-64.98	-64.99	-76.49
Vrx, V2(WL [dBm])	-66.86	-63.85	-65.06	-65.07	-76.57
Hrx, H2(WL [dBm])	-66.20	-63.85	-64.98	-64.99	-76.49



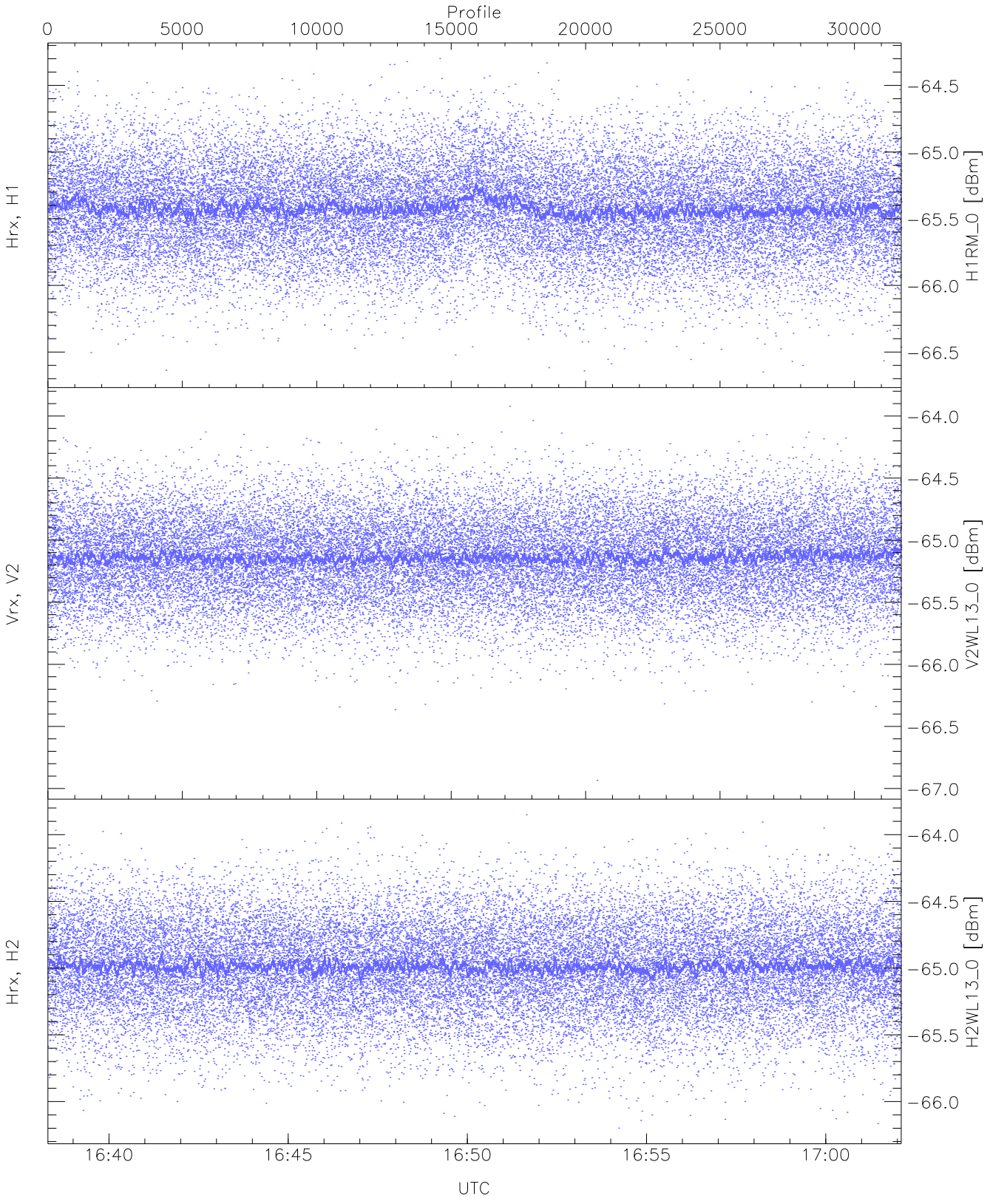
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.07	-63.62	-64.78	-64.79	-76.32
Vrx, V2(HL [dBm])	-66.33	-63.73	-64.90	-64.90	-76.40
Hrx, H2(HL [dBm])	-66.00	-63.47	-64.78	-64.79	-76.26



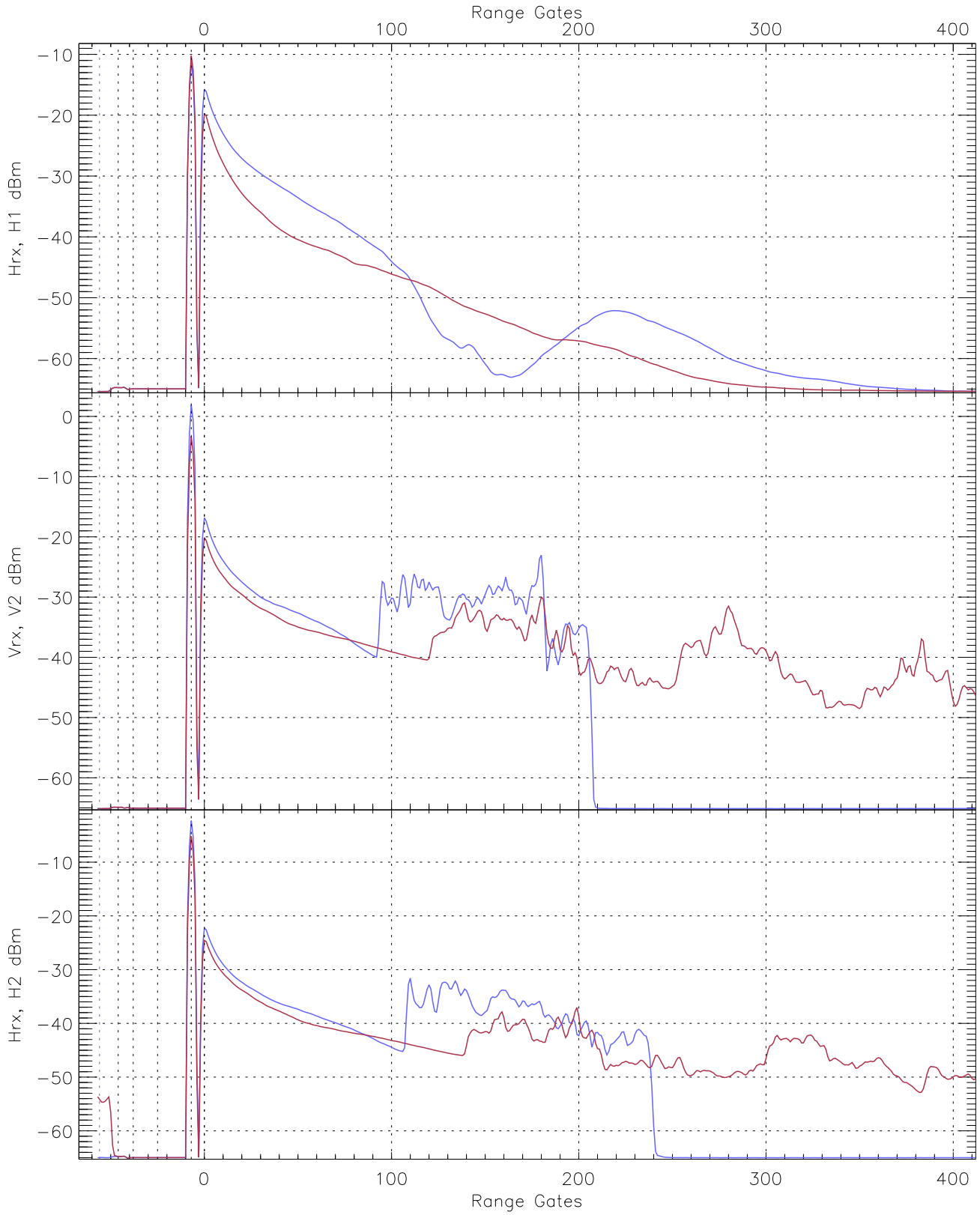
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.65	-64.30	-65.42	-65.43	-76.90
Vrx, V2(RM [dBm])	-66.50	-63.68	-65.13	-65.14	-76.62
Hrx, H2(RM [dBm])	-66.32	-28.25	-56.79	-64.95	-45.21

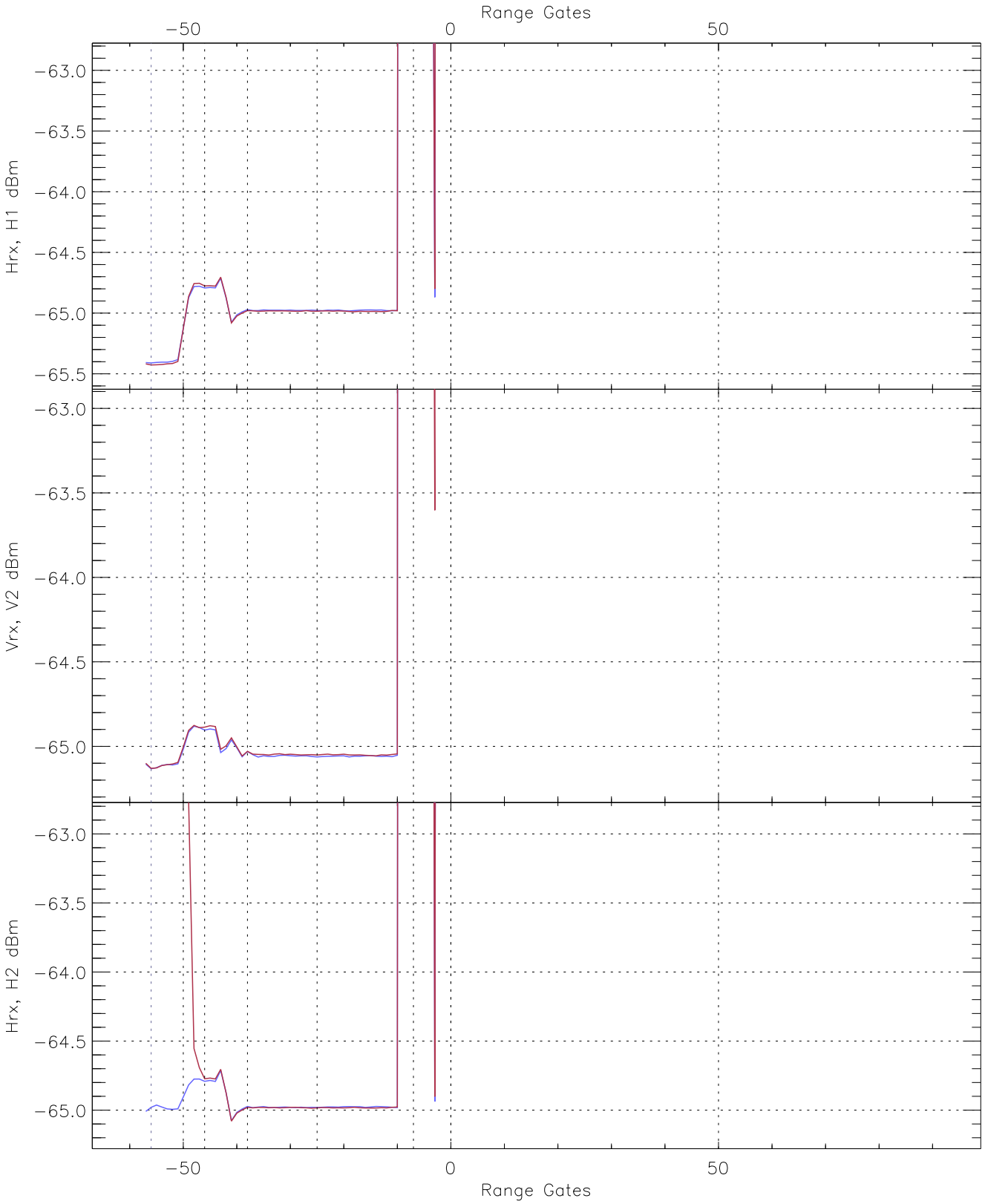


WCR3 CPP "Best" estimate Receivers Noise Power

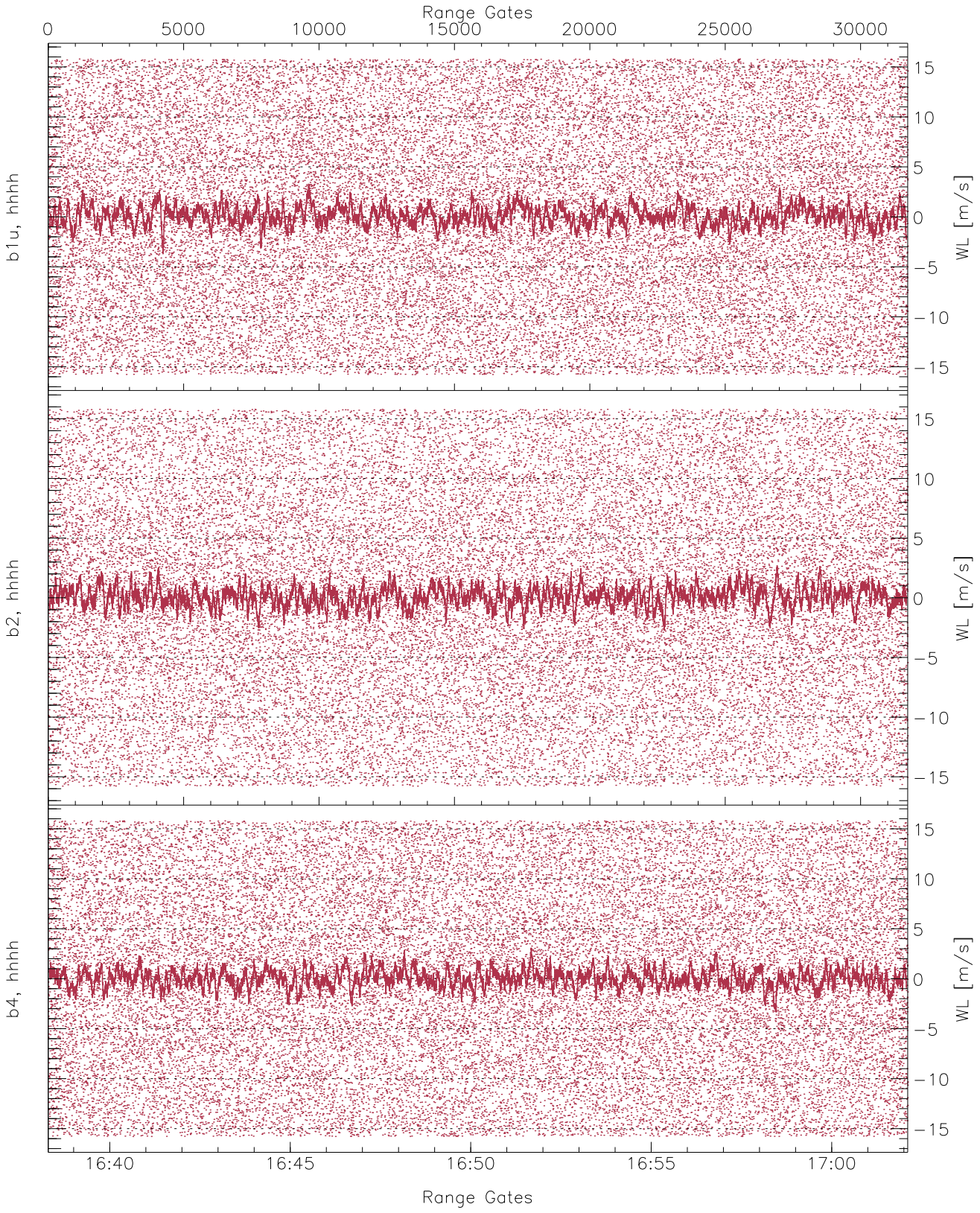
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.65	-64.30	-65.42	-65.43	-76.90
V2WL13_0 [dBm]	-66.93	-63.92	-65.13	-65.14	-76.64
H2WL13_0 [dBm]	-66.20	-63.85	-64.98	-64.99	-76.49



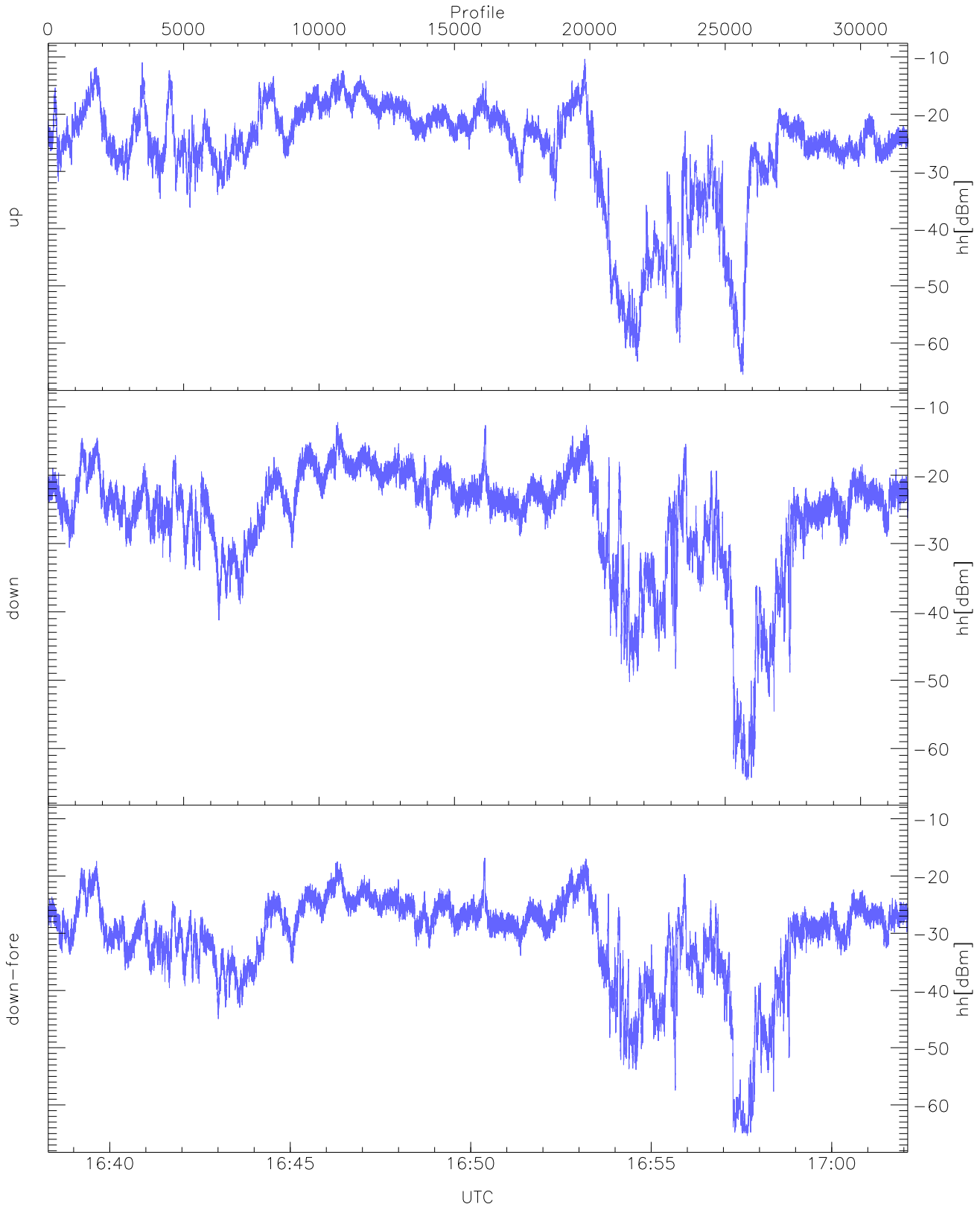
WCR3 CPP Averaged Received power for all recorded gates
blue: 163818-165012, 15871 profiles averaged
red: 165012-170206, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 163818-165012, 15871 profiles averaged
red: 165012-170206, 15871 profiles averaged

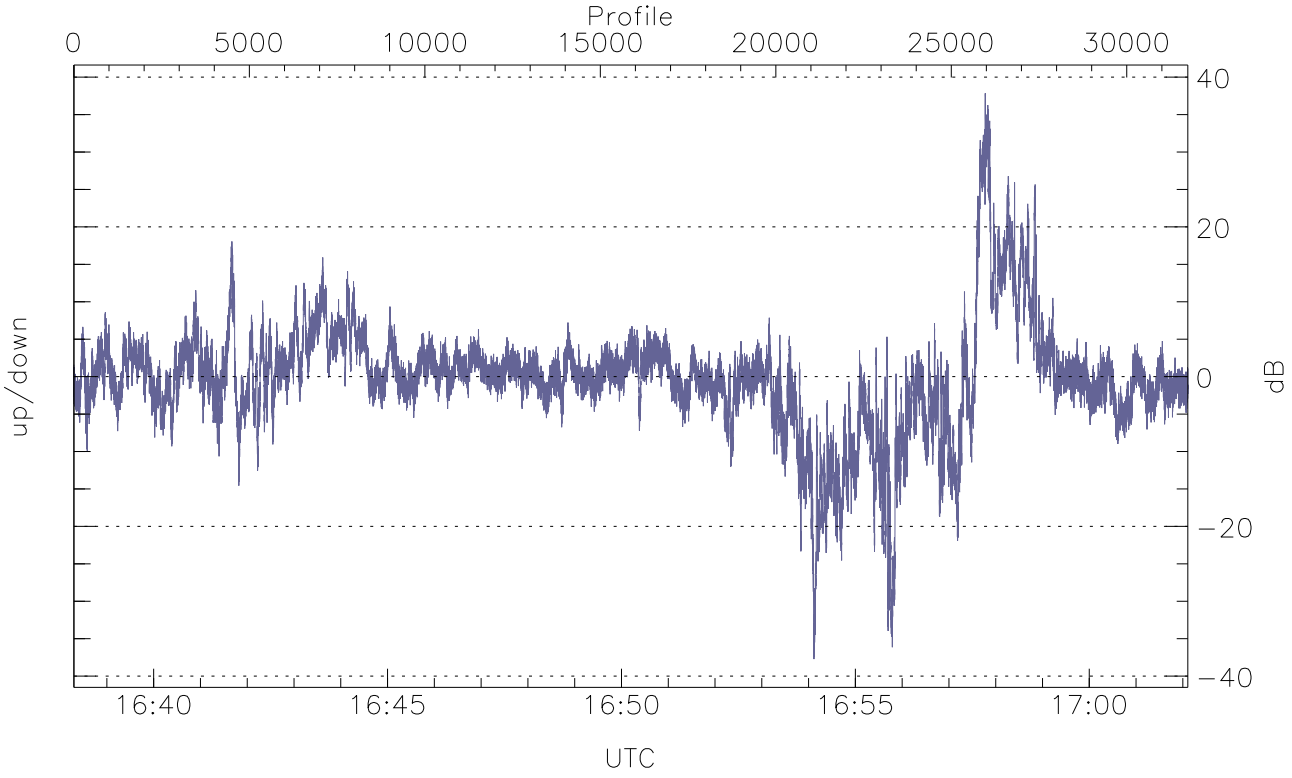


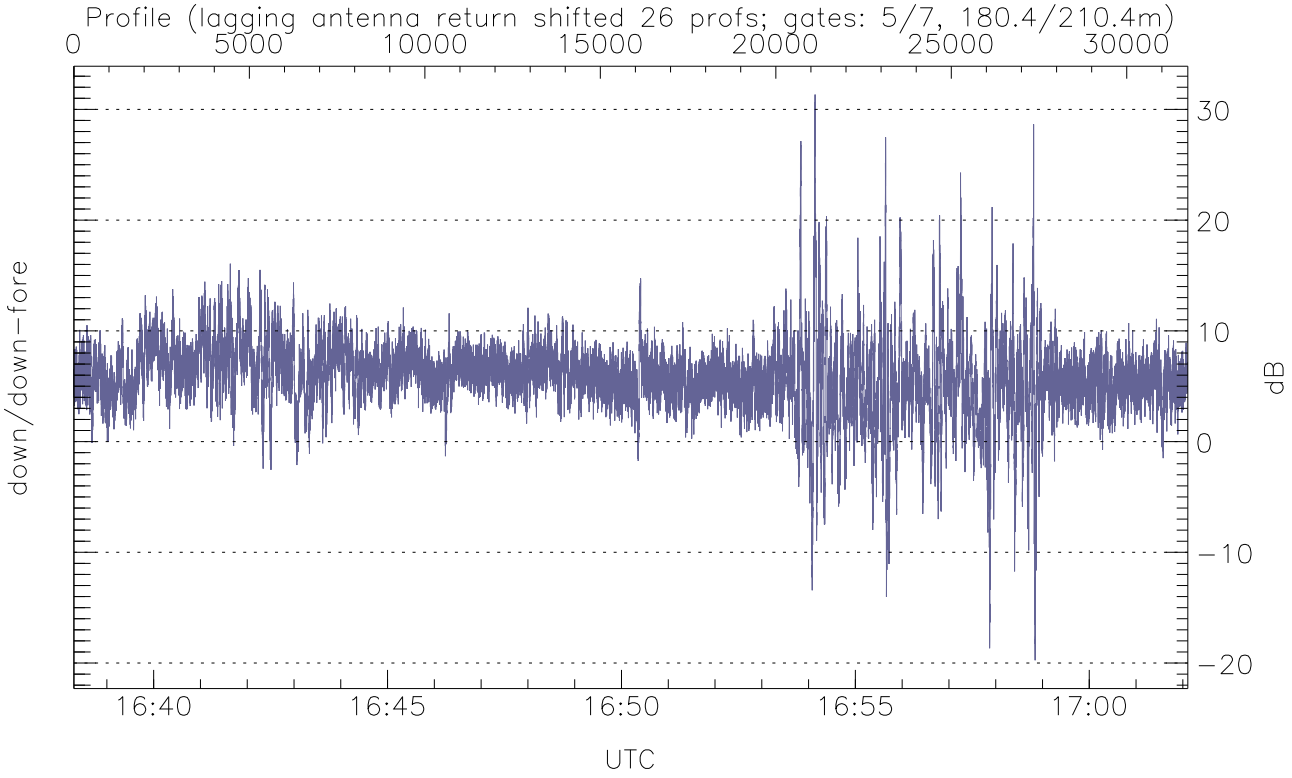
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

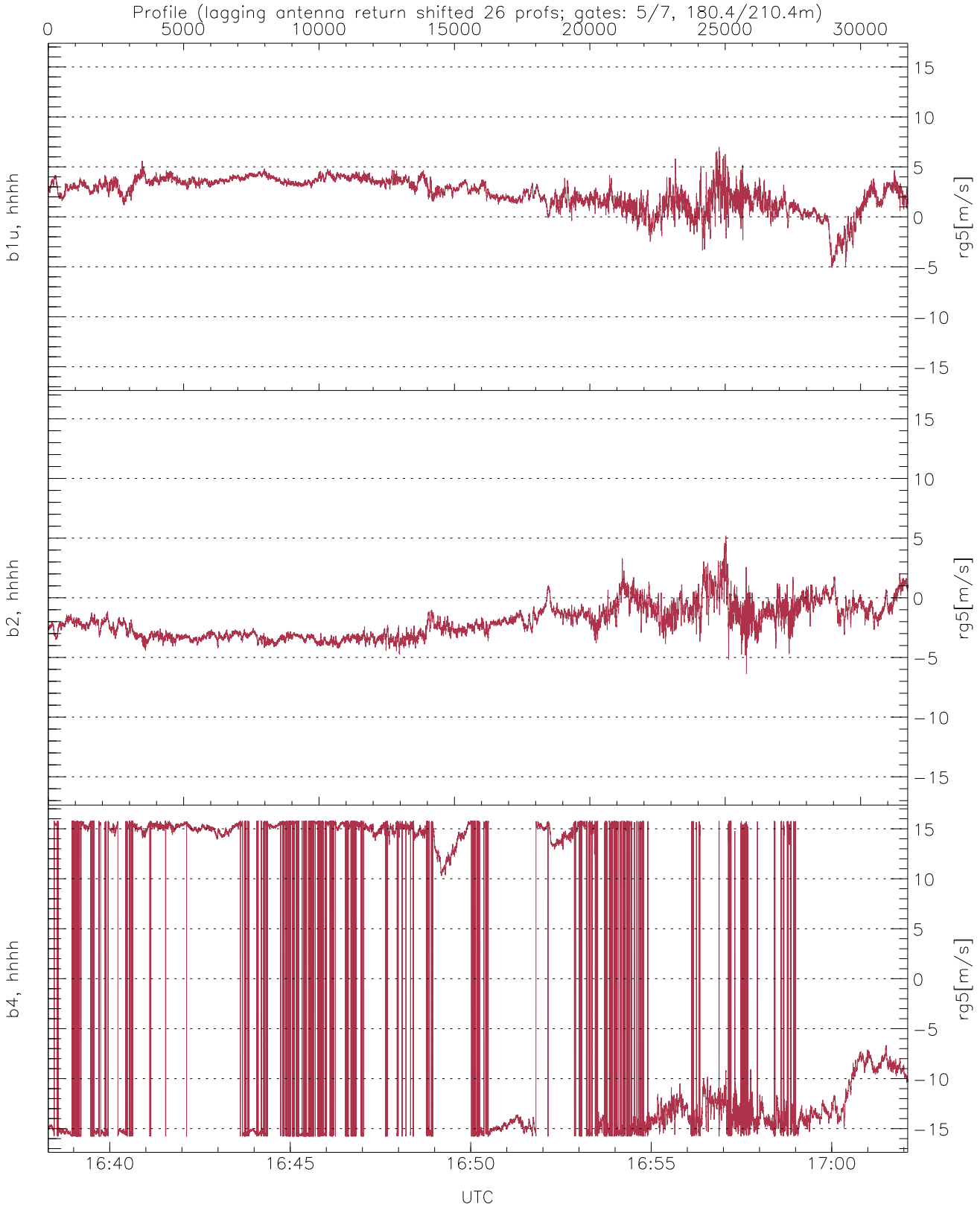
	Min	Max	Mean
up(hh[dBm])	-65.52	-10.36	-21.53
down(hh[dBm])	-64.60	-12.23	-22.33
down-fore(hh[dBm])	-65.38	-16.85	-27.01





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

	Min	Max	Mean
up/down(dB)	-37.72	37.84	-0.25
down/down-fore(dB)	-19.75	31.34	5.83



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-5.09	6.98	2.34	1.59
b2, hhhh(rg5[m/s])	-6.36	5.19	-1.98	1.42
b4, hhhh(rg5[m/s])	-15.79	15.79	0.03	14.38