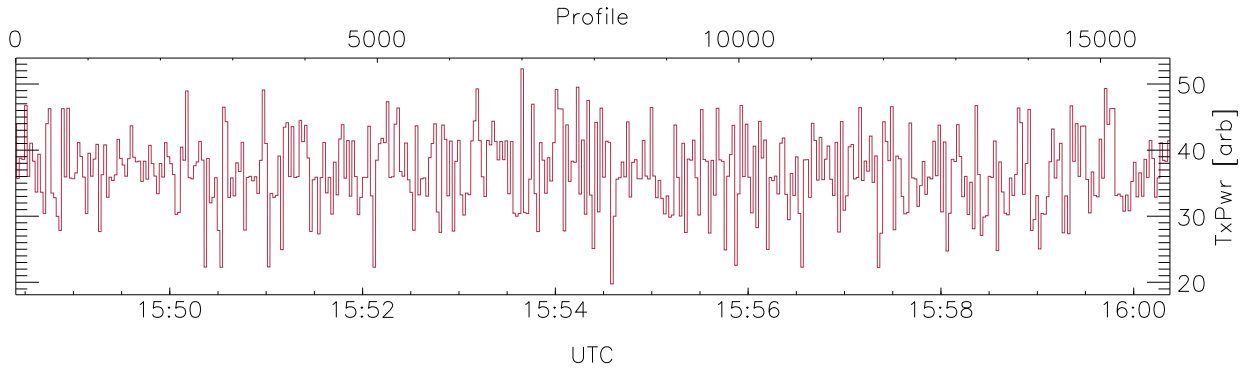
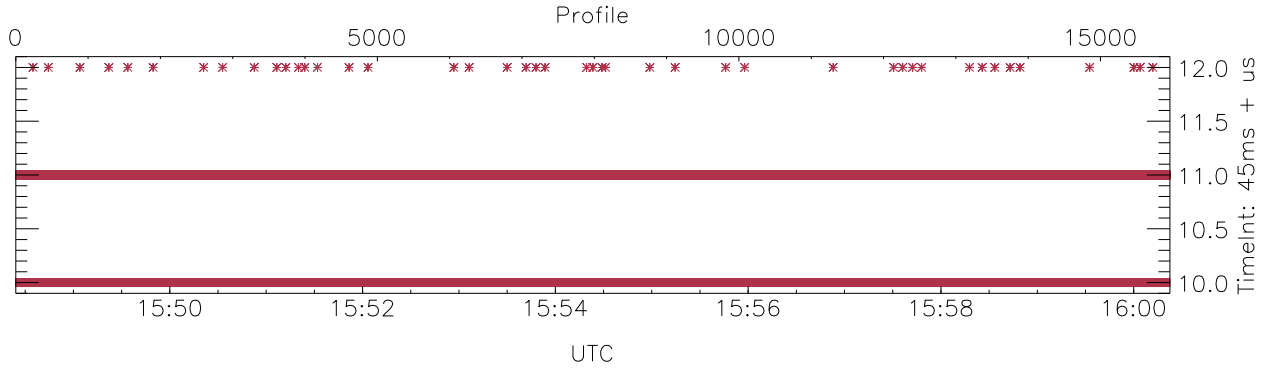
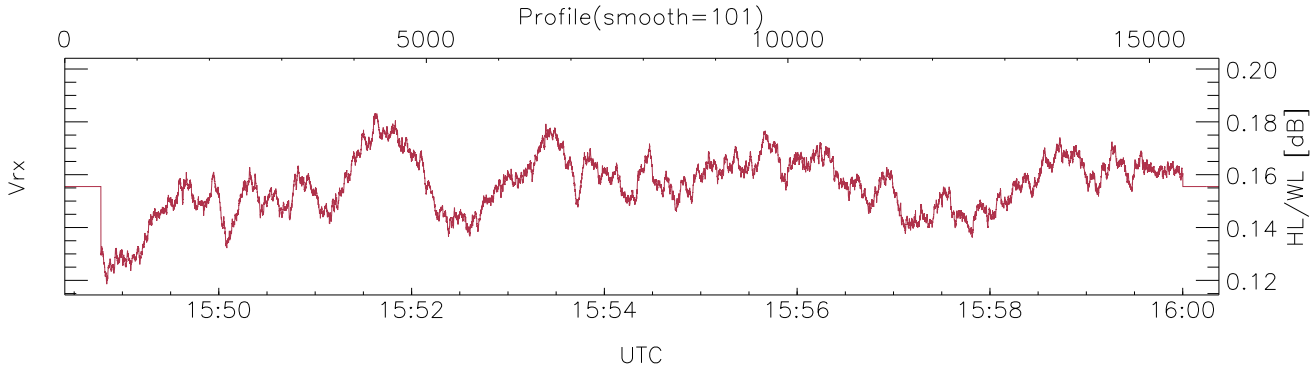
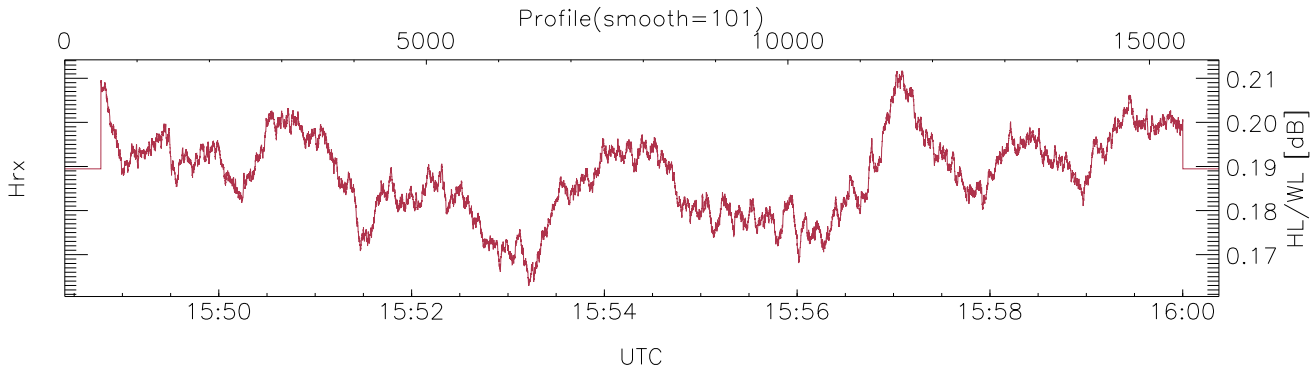


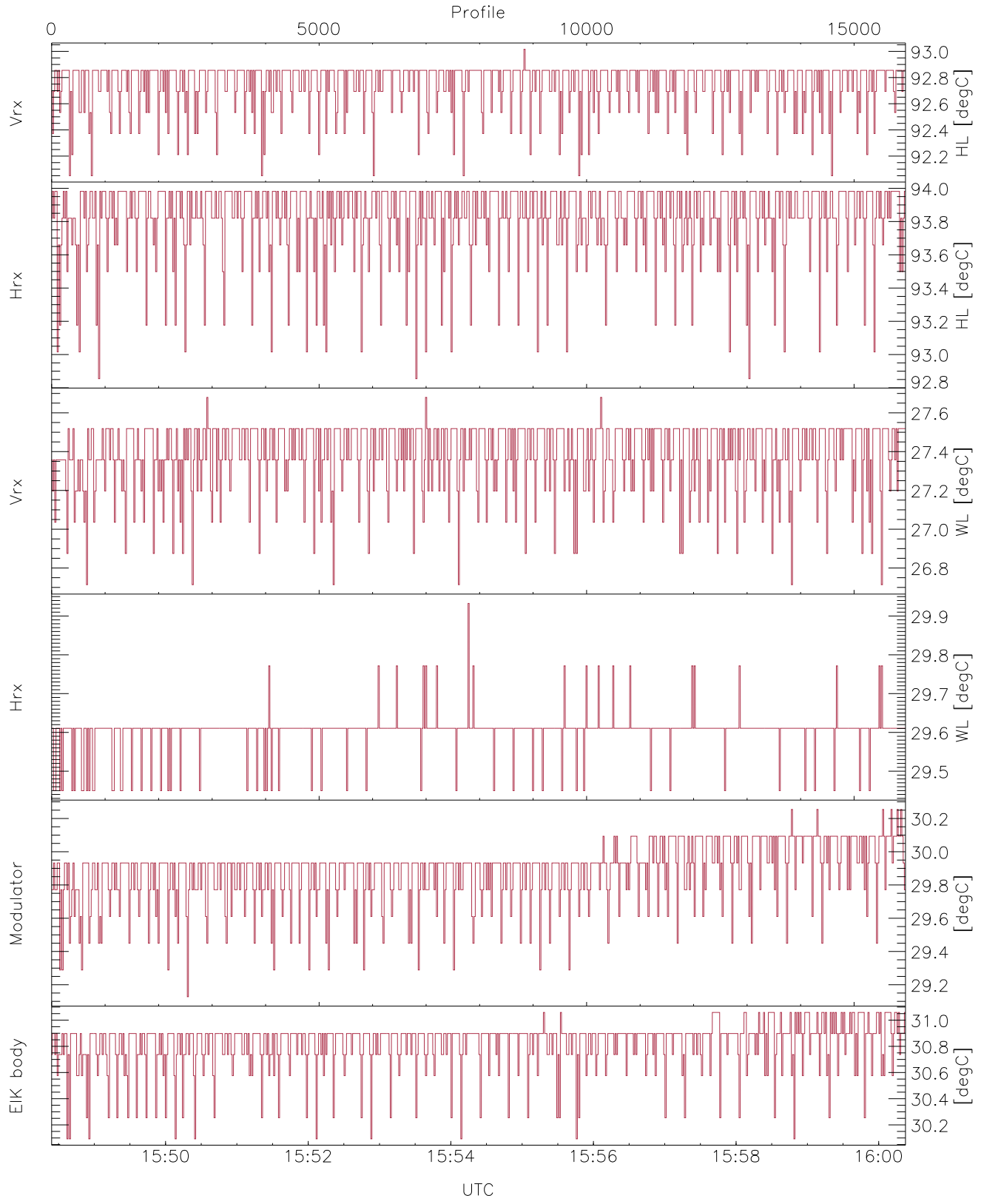






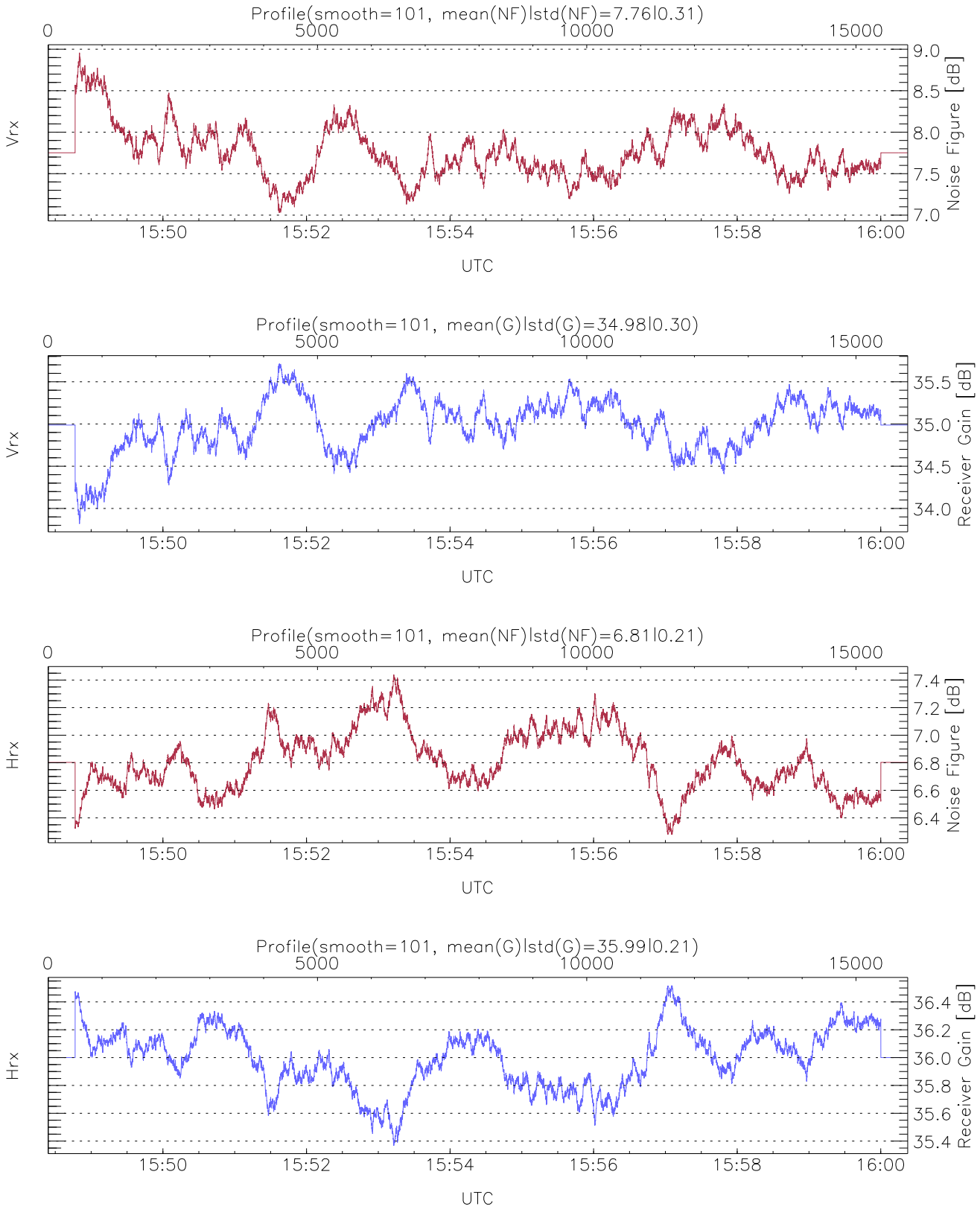
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:48:24-16:00:23, TimeCor: 0.00s, Dur: 718.42s
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): 15962/15962, 0-15961/15:48:24-16:00:23
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



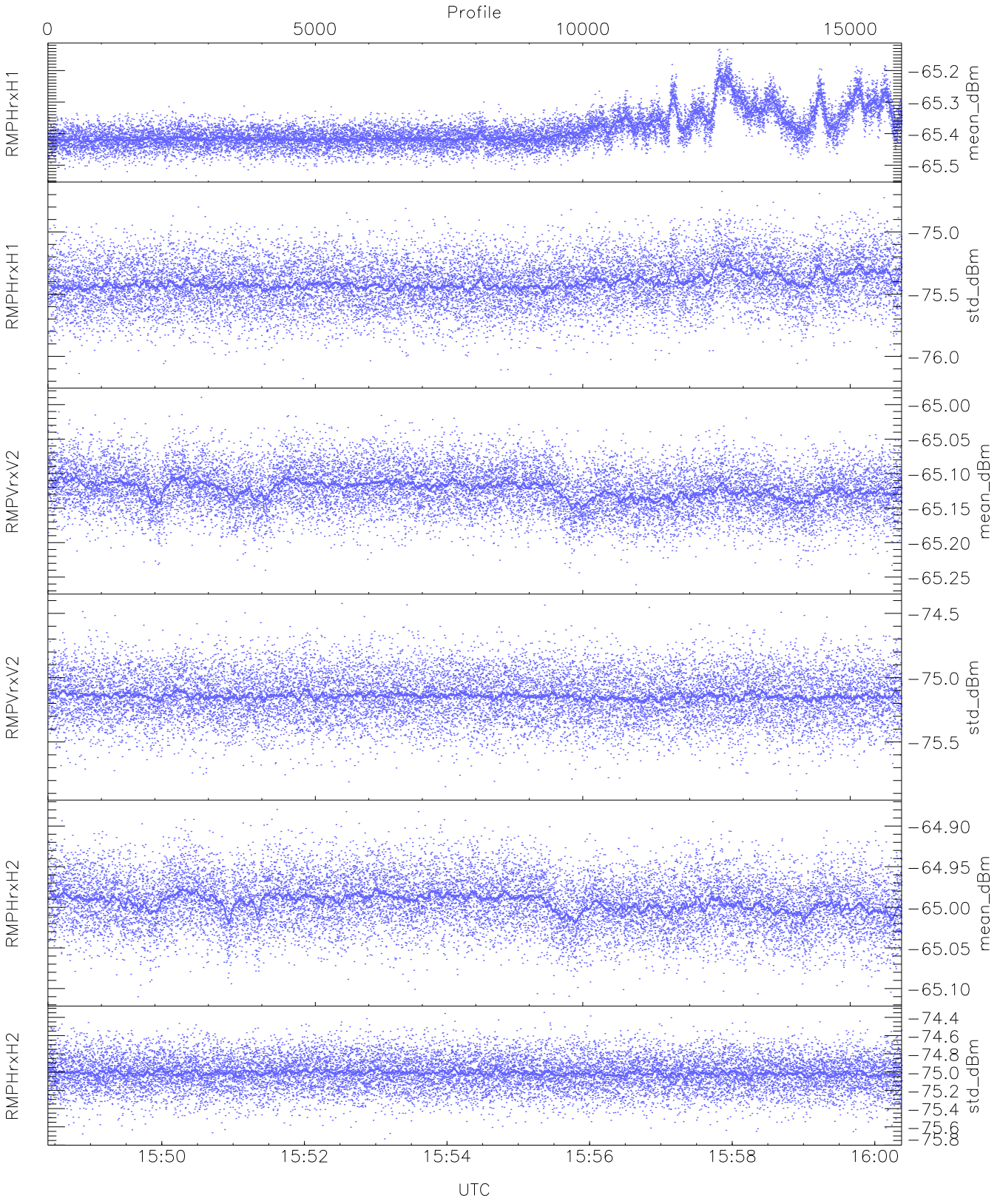
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,26,29,29,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,93,27,29,30,31
LOalarm(20,240,2817,14861 MHz): 0,0,44,0
EIK/Modulator Faults: None



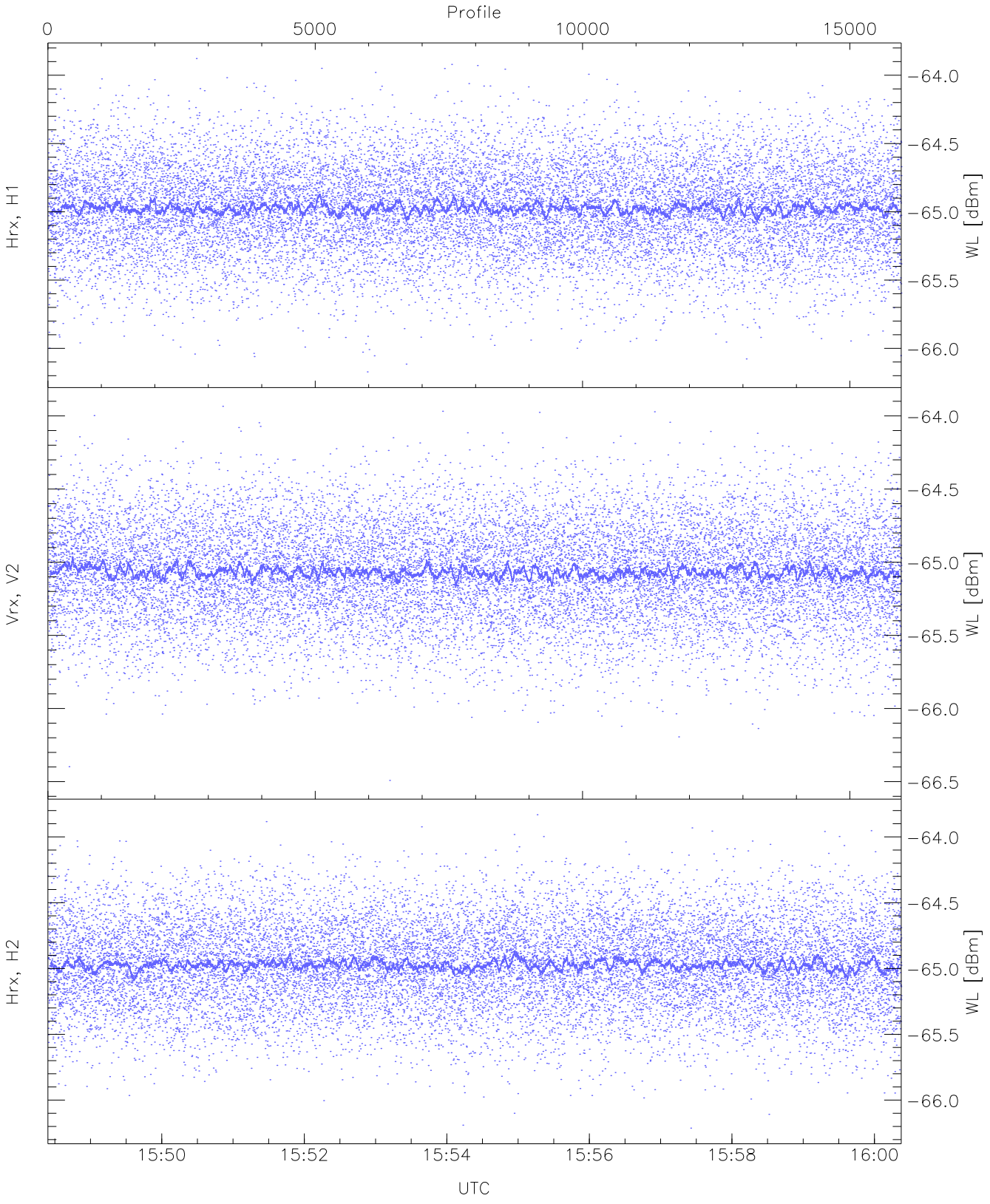
WCR3 CPP Receivers Gain and Noise Figure

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



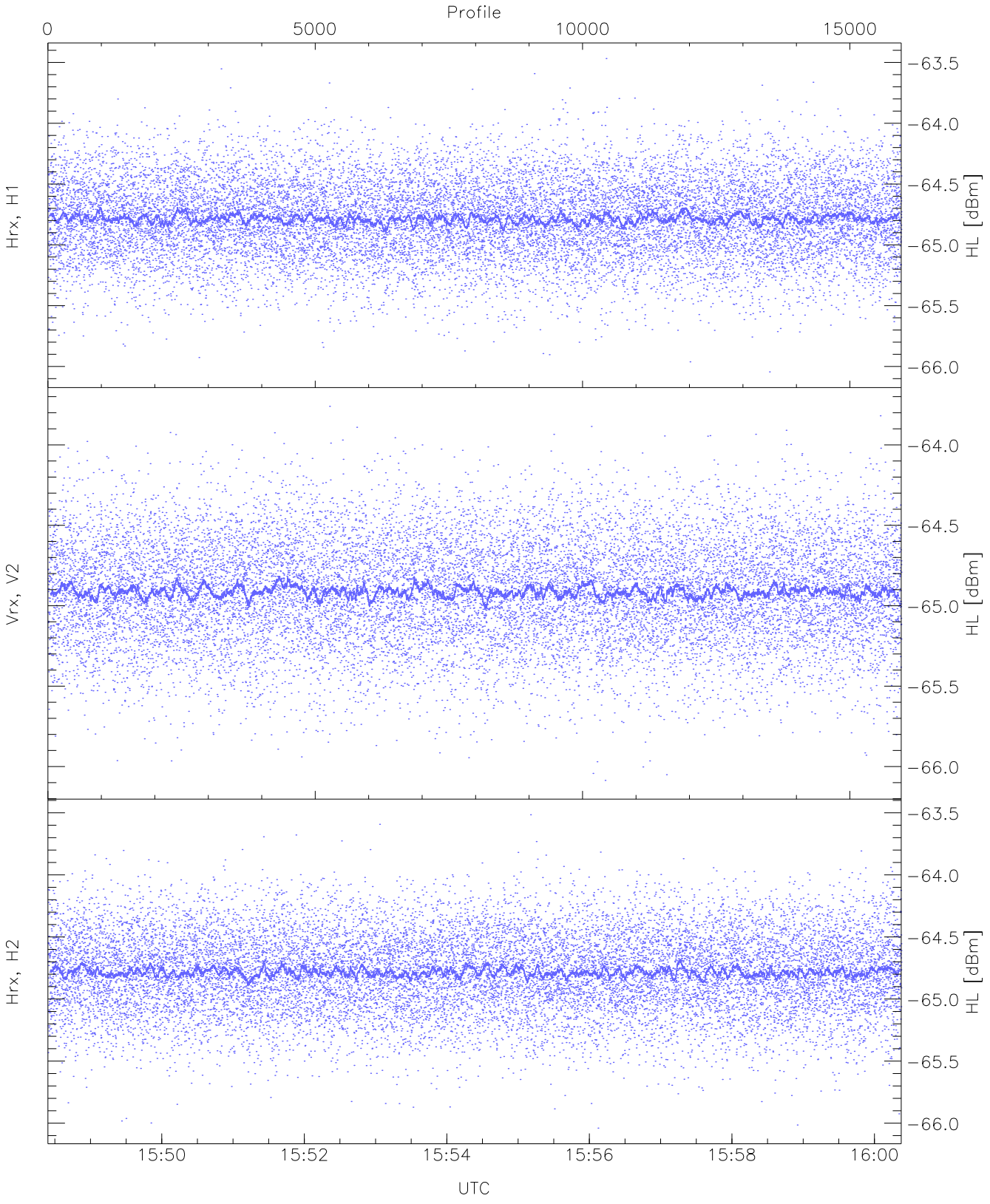
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.53	-65.13	-65.39	-65.40	-84.21
RMPHrxH1(std_dBm)	-76.18	-74.67	-75.40	-75.41	-89.04
RMPVrxV2(mean_dBm)	-65.26	-64.99	-65.12	-65.12	-86.47
RMPVrxV2(std_dBm)	-75.88	-74.42	-75.14	-75.14	-88.91
RMPHrxH2(mean_dBm)	-65.11	-64.88	-64.99	-64.99	-86.44
RMPHrxH2(std_dBm)	-75.73	-74.35	-75.01	-75.01	-88.83



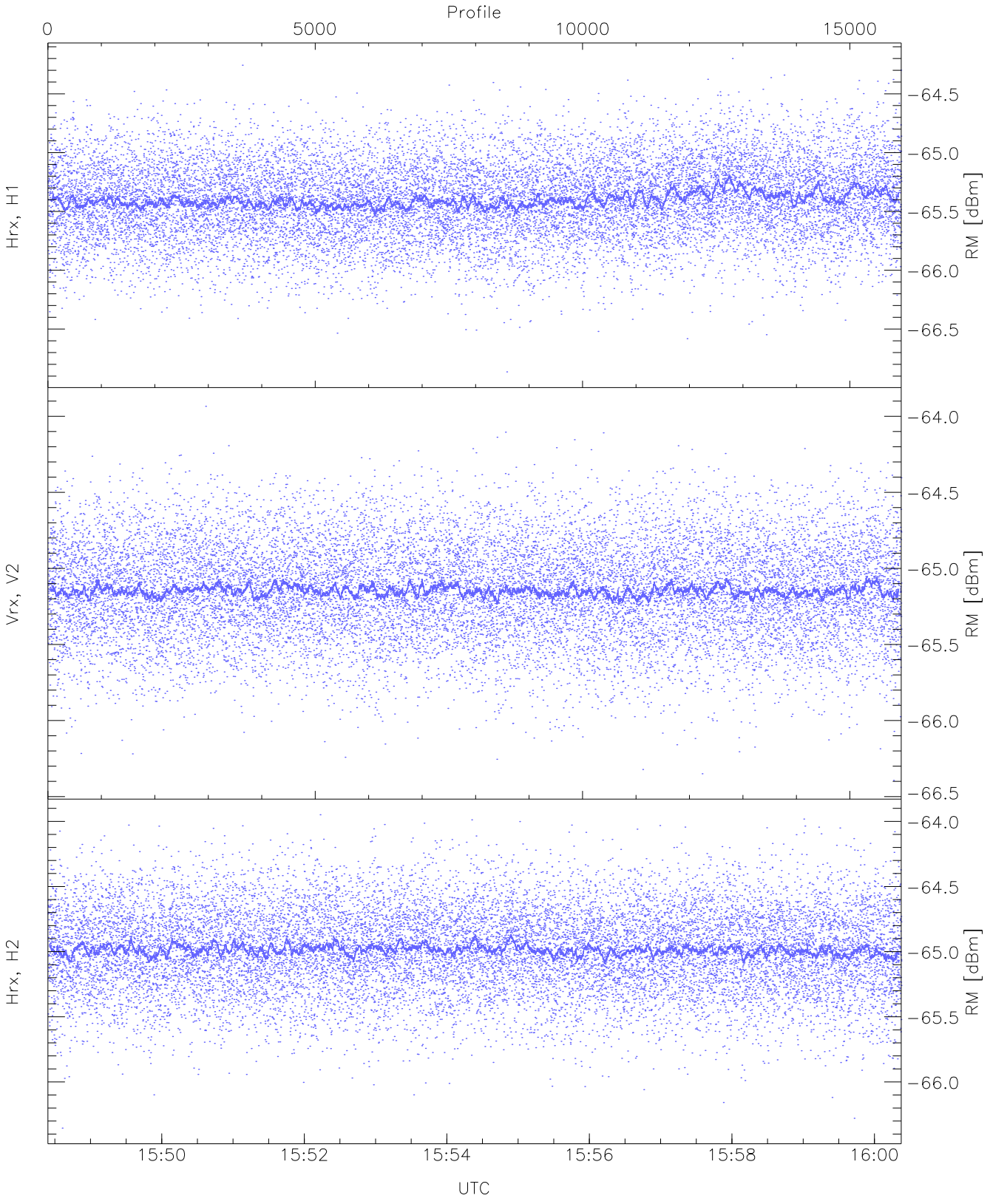
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.17	-63.88	-64.97	-64.97	-76.48
Vrx, V2(WL [dBm])	-66.49	-63.93	-65.06	-65.07	-76.55
Hrx, H2(WL [dBm])	-66.21	-63.83	-64.96	-64.97	-76.46



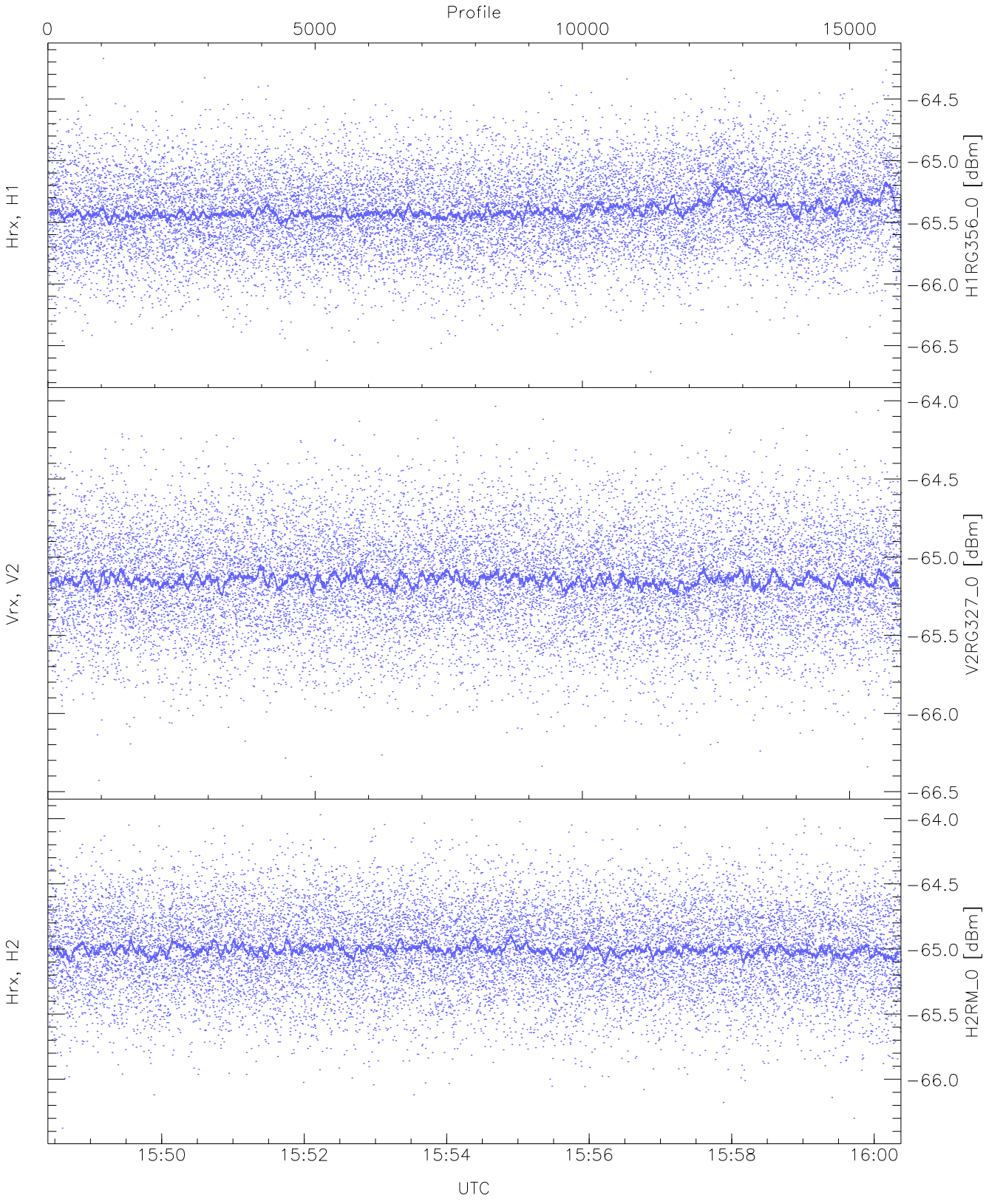
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.04	-63.47	-64.78	-64.78	-76.28
Vrx, V2(HL [dBm])	-66.09	-63.76	-64.90	-64.91	-76.43
Hrx, H2(HL [dBm])	-66.04	-63.52	-64.78	-64.78	-76.29



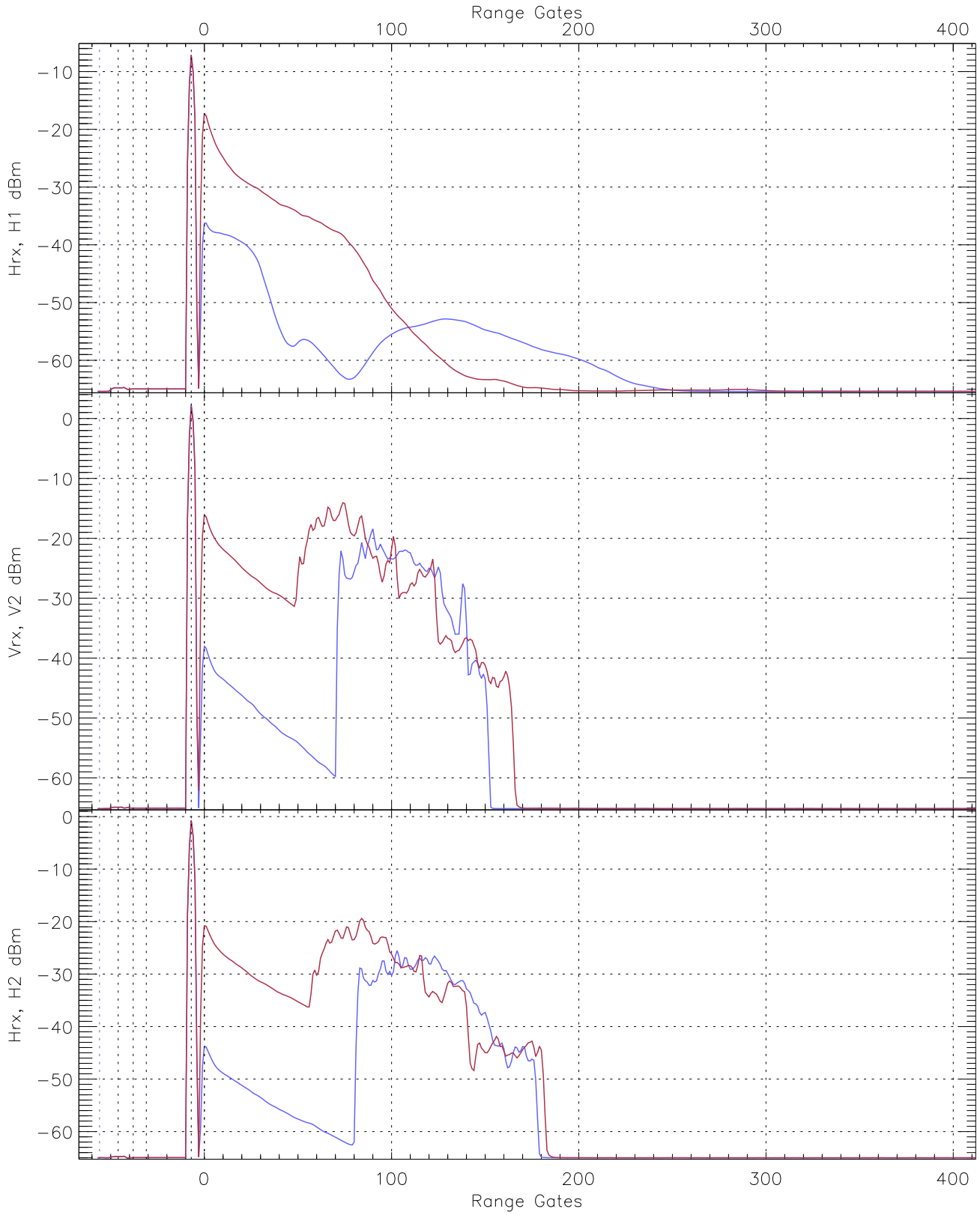
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.86	-64.20	-65.39	-65.40	-76.80
Vrx, V2(RM [dBm])	-66.39	-63.93	-65.14	-65.15	-76.71
Hrx, H2(RM [dBm])	-66.35	-63.95	-64.98	-64.99	-76.49

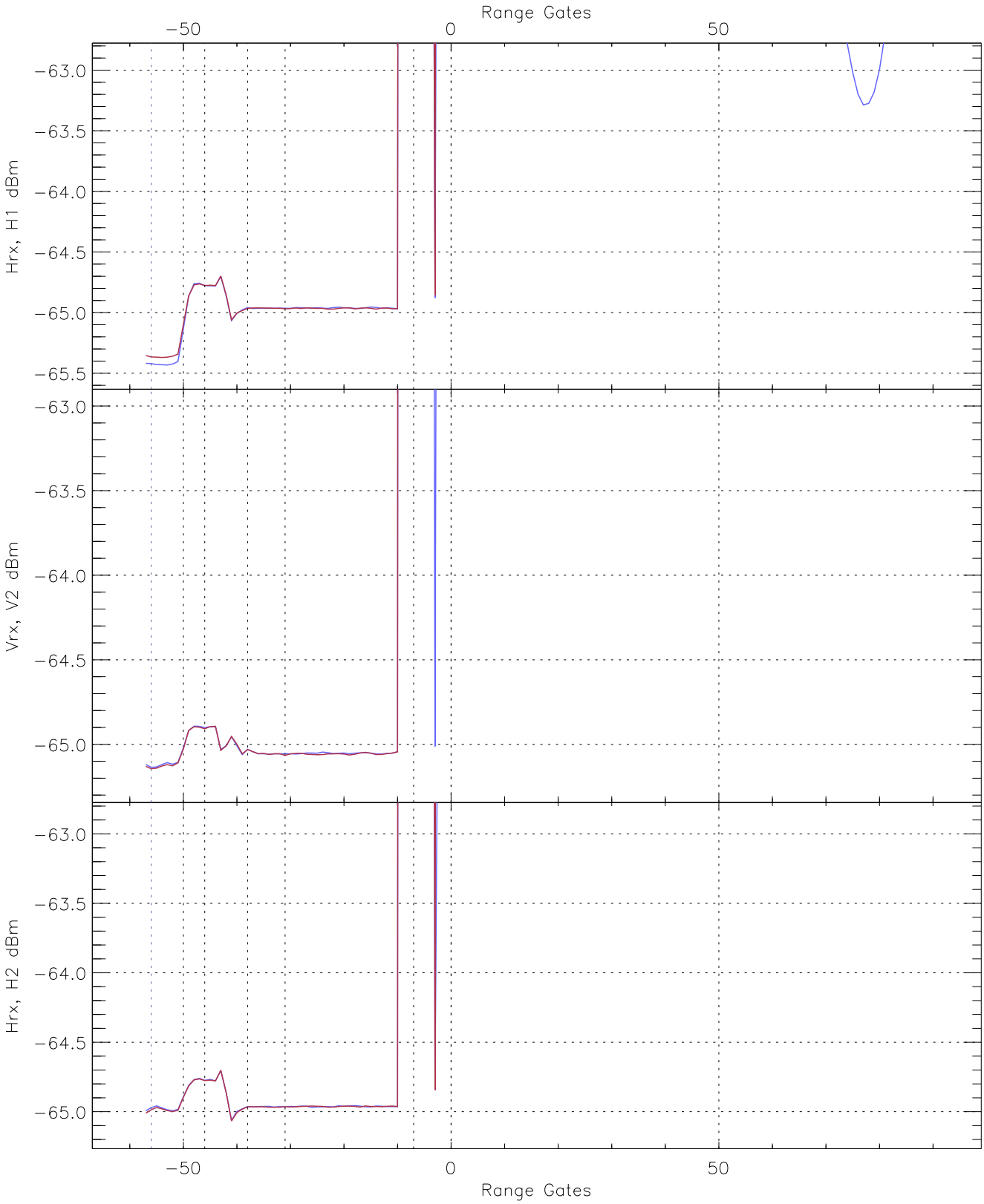


WCR3 CPP "Best" estimate Receivers Noise Power

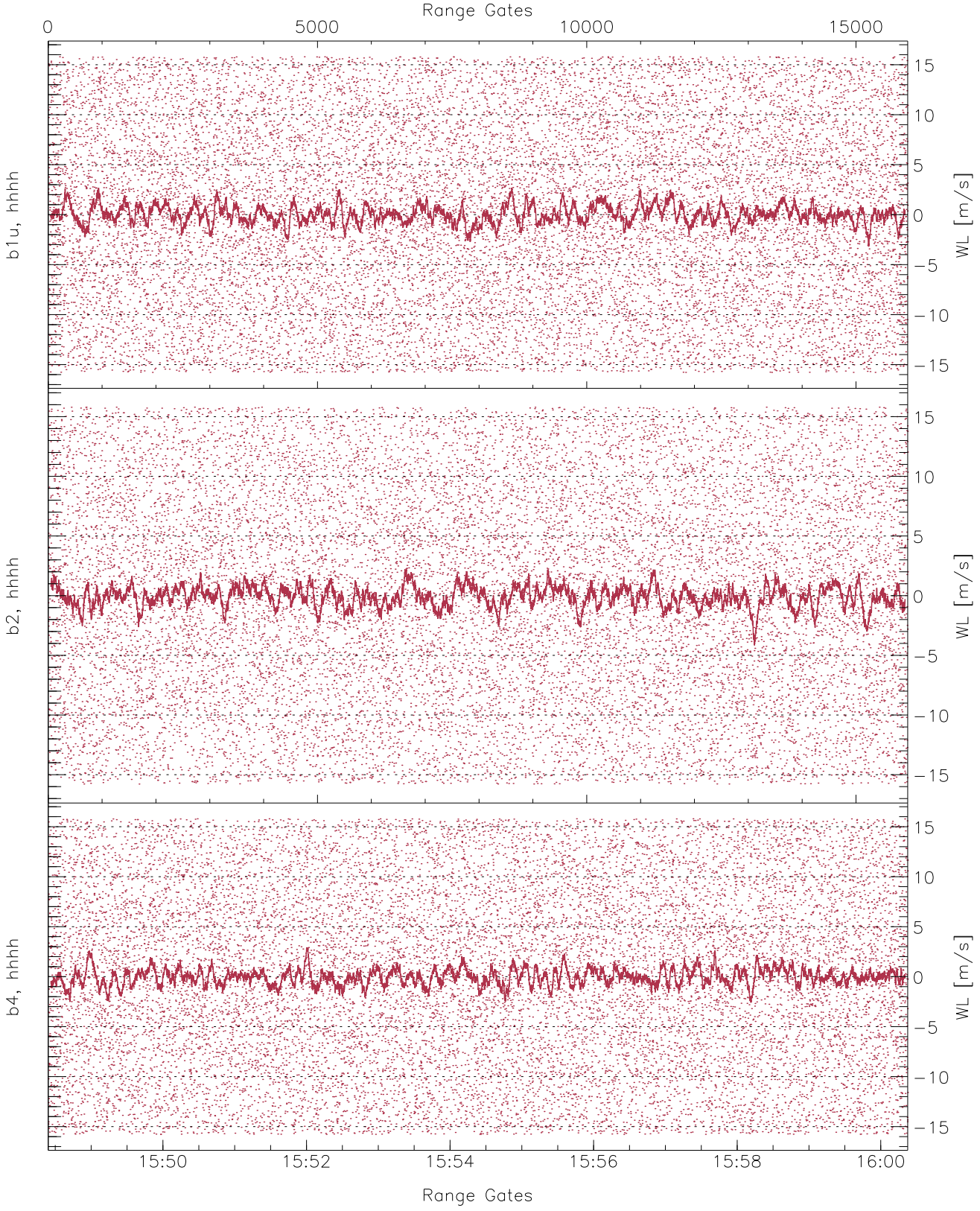
	Min	Max	Mean	Median	StDev
H1RG356_0 [dBm]	-66.71	-64.17	-65.39	-65.40	-76.83
V2RG327_0 [dBm]	-66.43	-64.04	-65.14	-65.15	-76.69
H2RM_0 [dBm]	-66.37	-63.97	-65.00	-65.01	-76.51



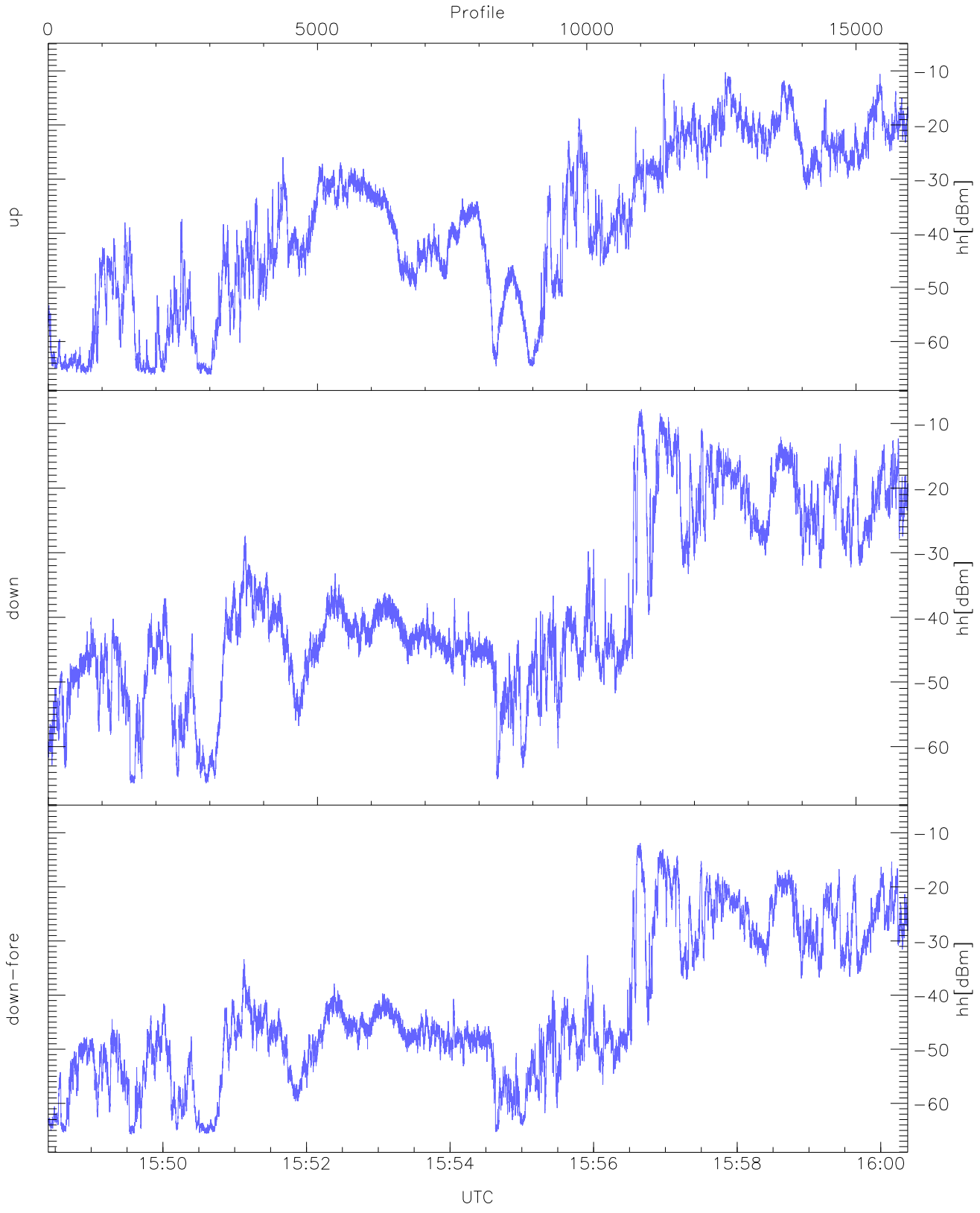
WCR3 CPP Averaged Received power for all recorded gates
blue: 154824-155423, 7982 profiles averaged
red: 155423-160023, 7981 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 154824-155423, 7982 profiles averaged
red: 155423-160023, 7981 profiles averaged

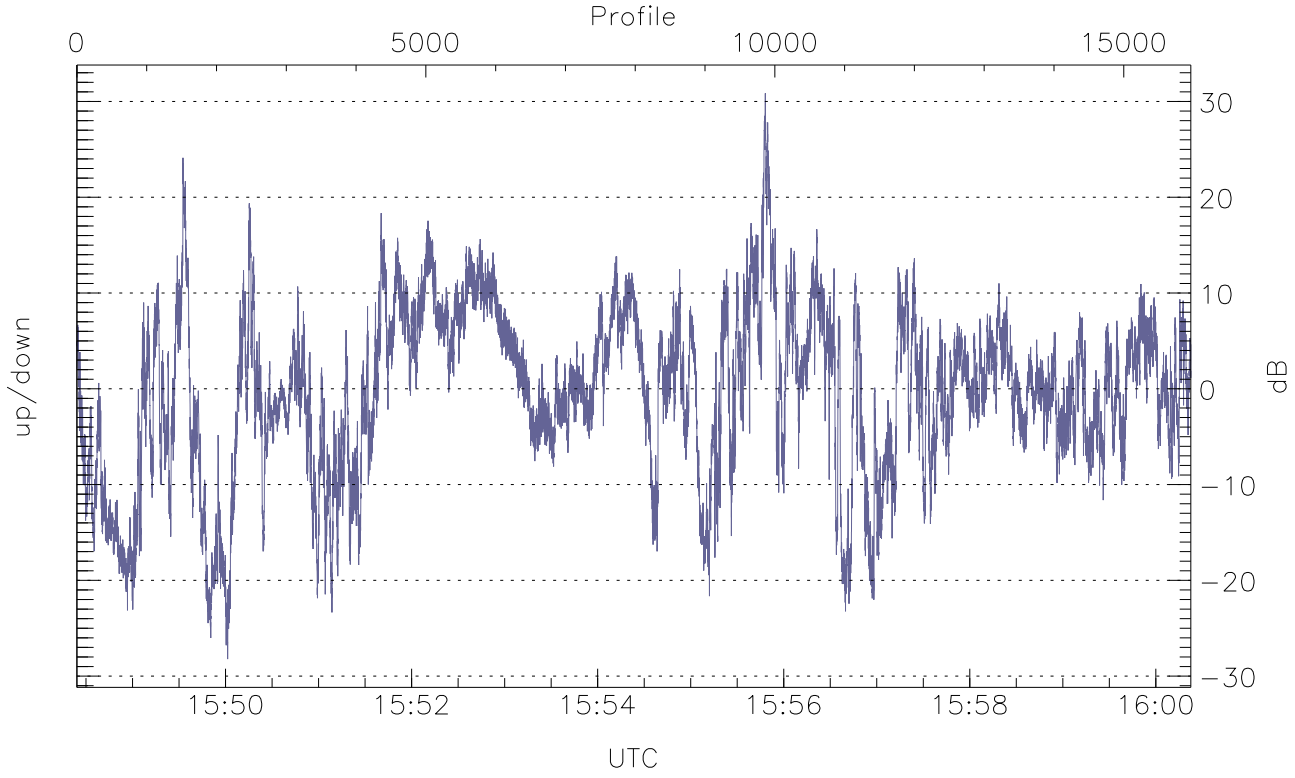


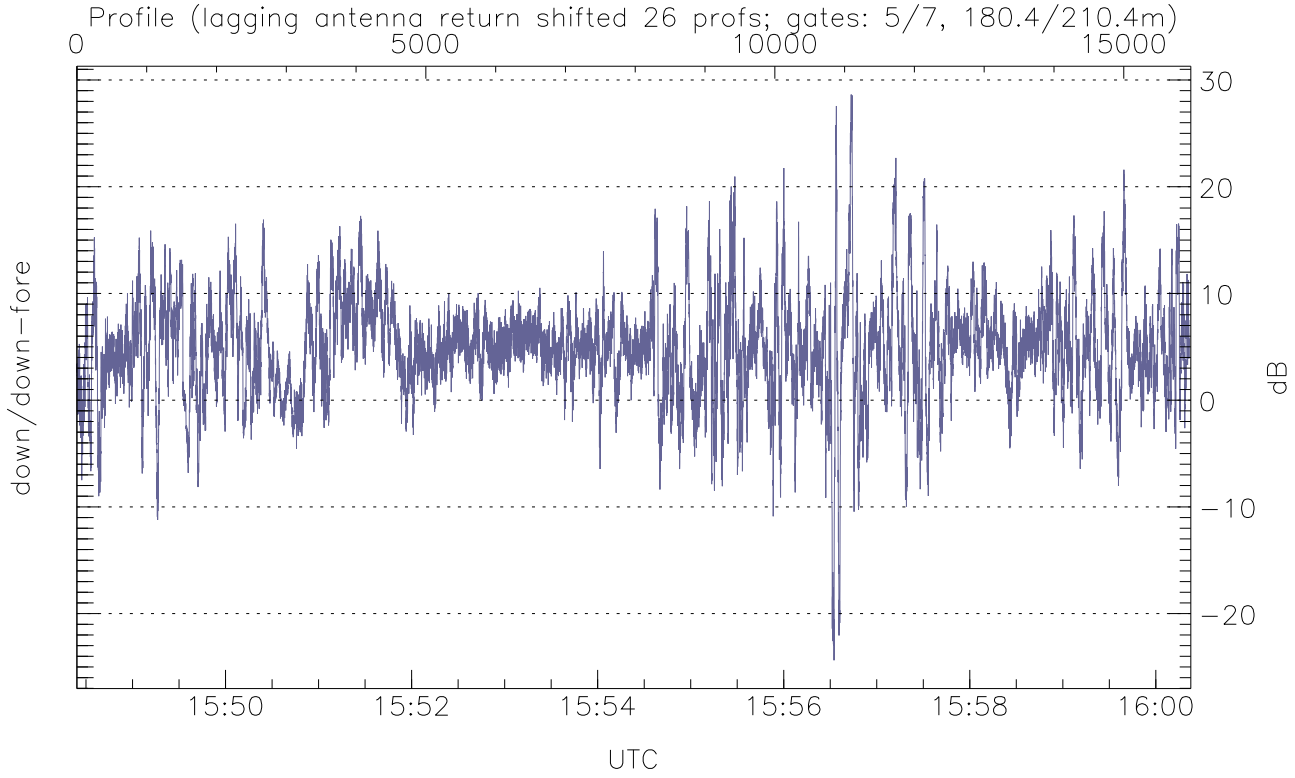
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

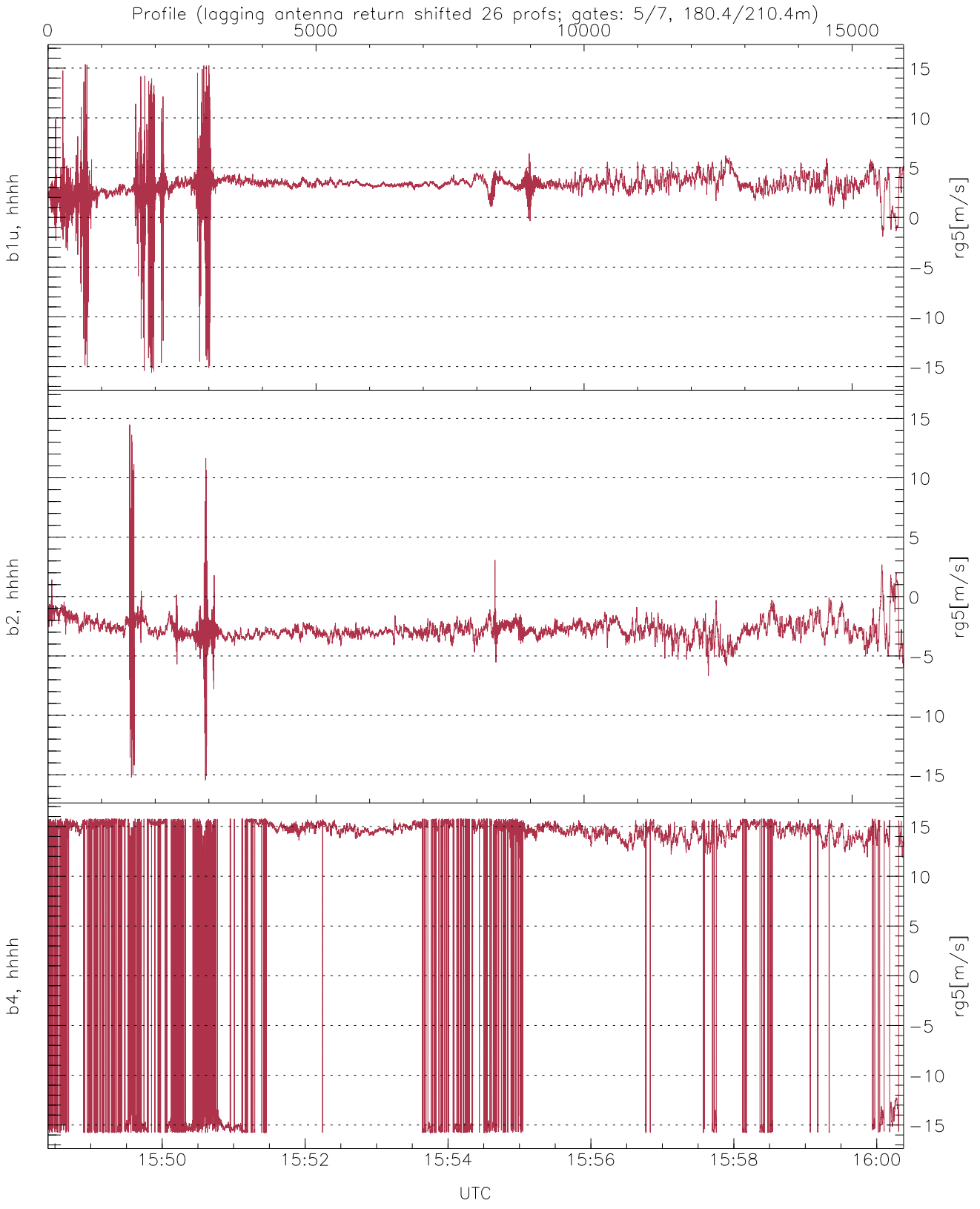
	Min	Max	Mean
up(hh[dBm])	-66.13	-10.28	-24.65
down(hh[dBm])	-65.67	-7.81	-22.72
down-fore(hh[dBm])	-65.72	-11.91	-27.02





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

	Min	Max	Mean
up/down(dB)	-28.22	30.85	-0.39
down/down-fore(dB)	-24.37	28.64	4.88



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.59	15.39	3.23	1.59
b2, hhhh(rg5[m/s])	-15.45	14.47	-2.75	1.08
b4, hhhh(rg5[m/s])	-15.79	15.79	8.70	11.86