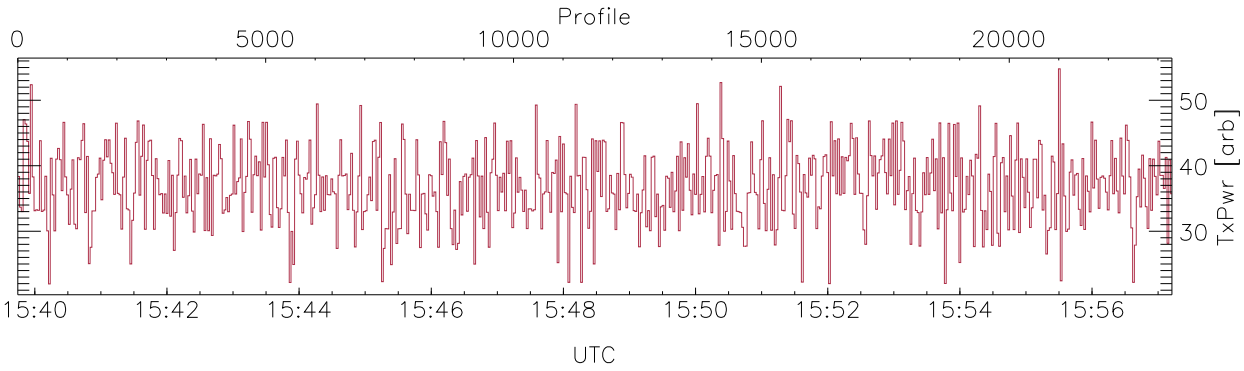
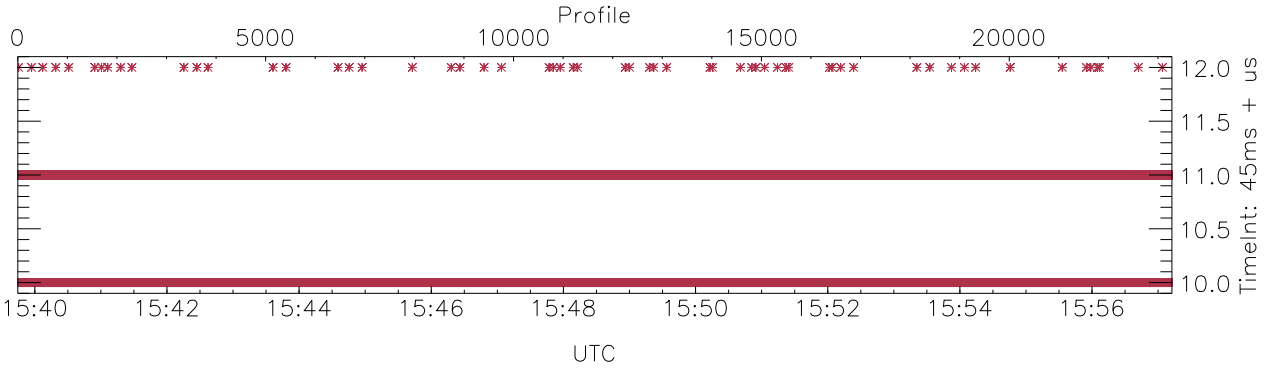
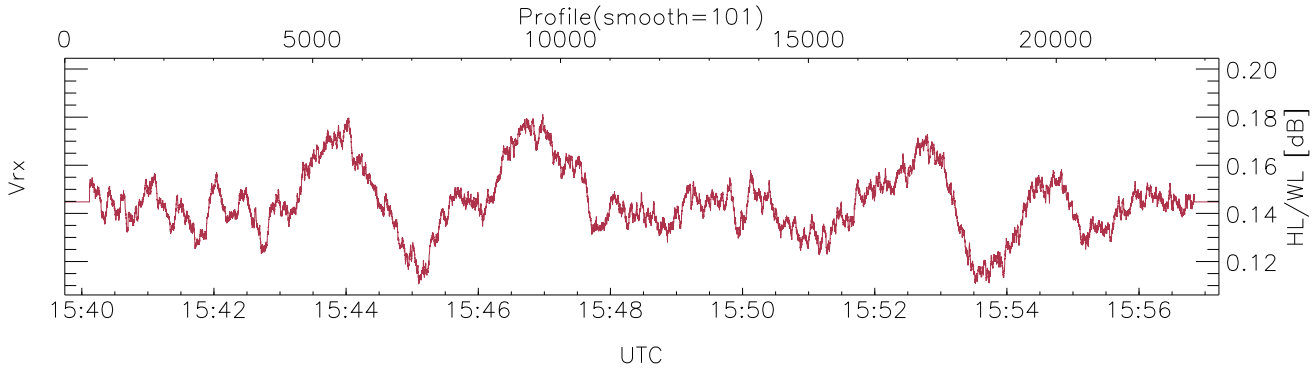
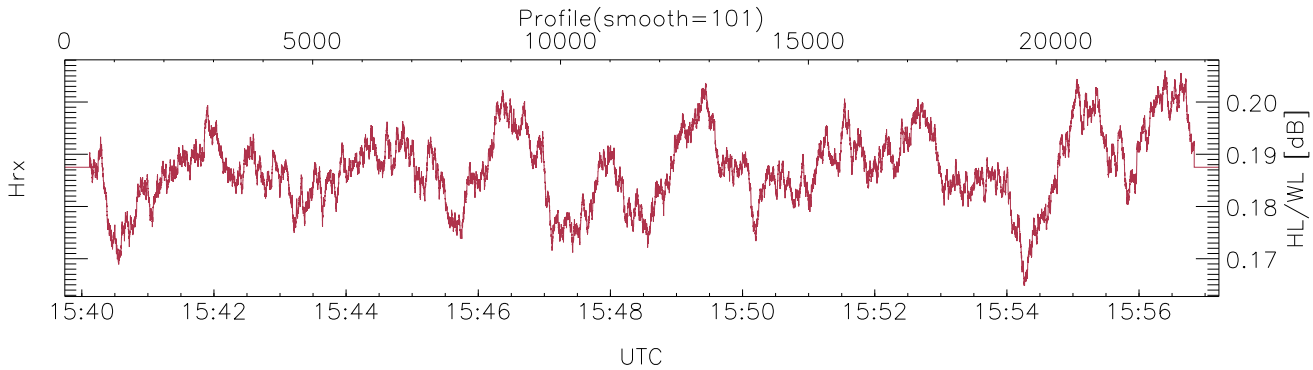


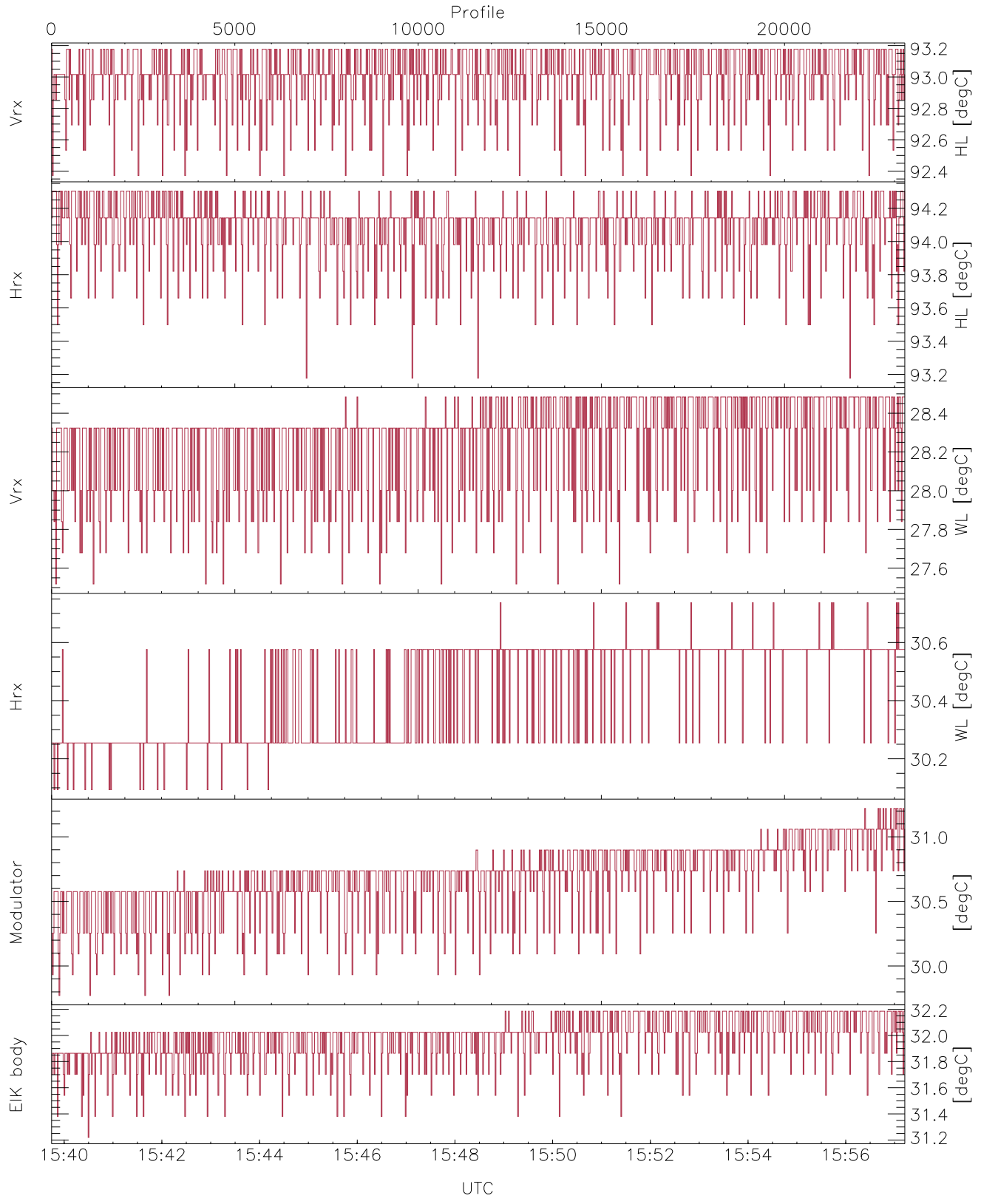






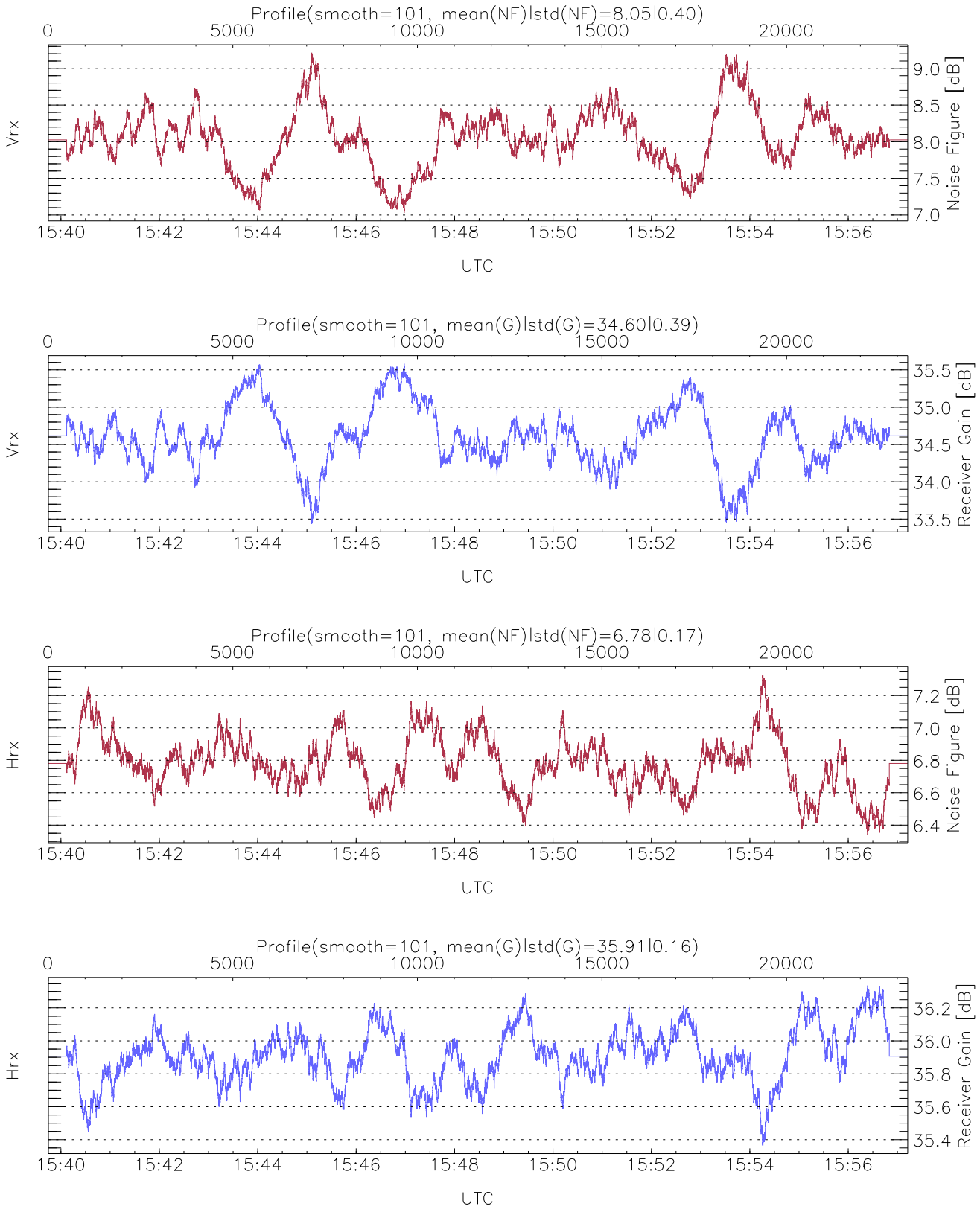
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:39:45-15:57:13, TimeCor: 0.00s, Dur: 1048.00s
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): 23284/23284, 0-23283/15:39:45-15:57:13
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



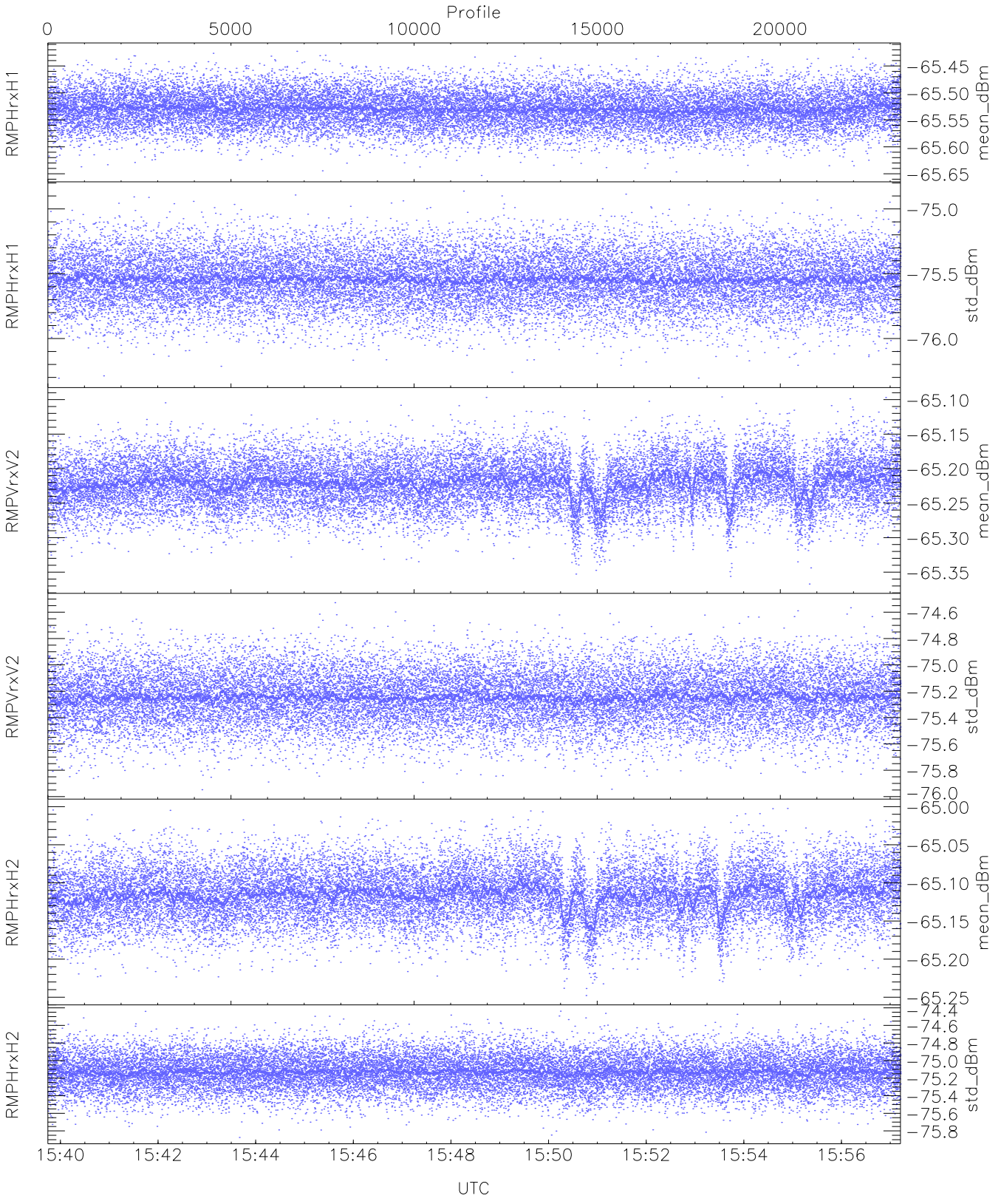
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,30,29,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,31,32
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)



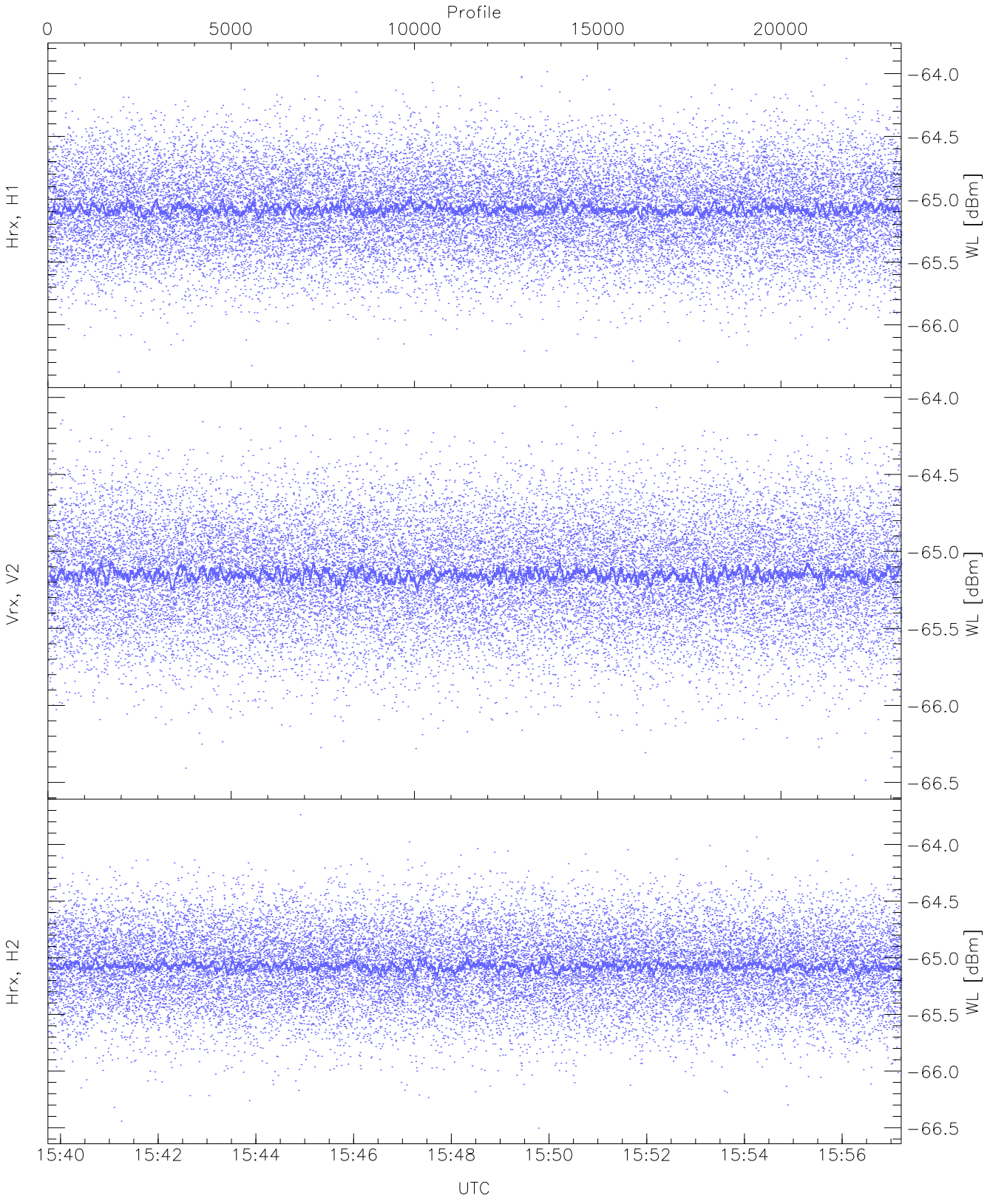
WCR3 CPP Receivers Gain and Noise Figure

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



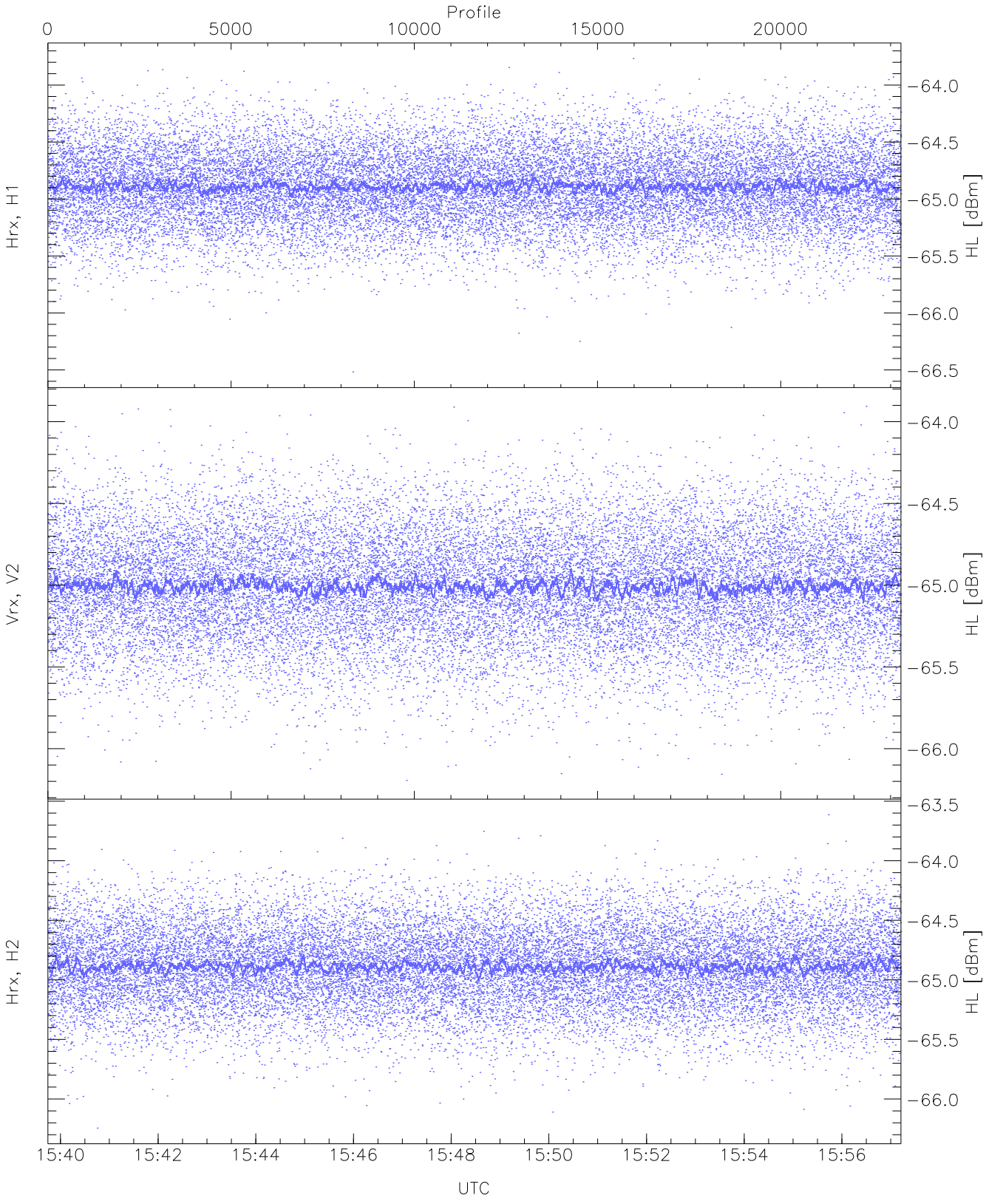
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.65	-65.42	-65.53	-65.53	-87.11
RMPHrxH1(std_dBm)	-76.31	-74.86	-75.54	-75.54	-89.32
RMPVrxV2(mean_dBm)	-65.37	-65.10	-65.22	-65.22	-86.49
RMPVrxV2(std_dBm)	-75.95	-74.53	-75.24	-75.25	-89.02
RMPHrxH2(mean_dBm)	-65.25	-65.00	-65.12	-65.12	-86.44
RMPHrxH2(std_dBm)	-75.87	-74.44	-75.13	-75.13	-88.93



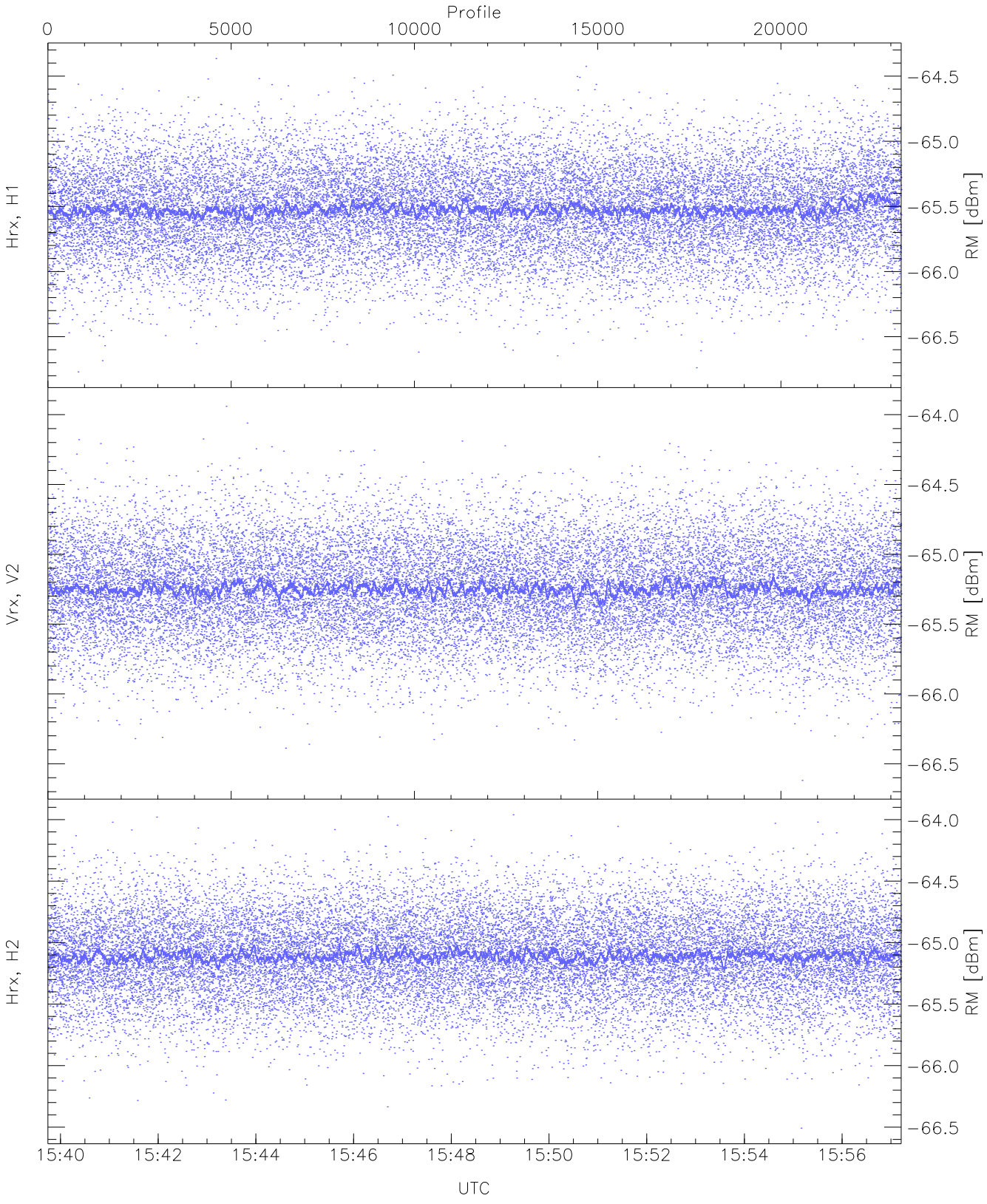
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.37	-63.88	-65.07	-65.08	-76.58
Vrx, V2(WL [dBm])	-66.49	-64.06	-65.14	-65.15	-76.65
Hrx, H2(WL [dBm])	-66.50	-63.74	-65.07	-65.07	-76.58



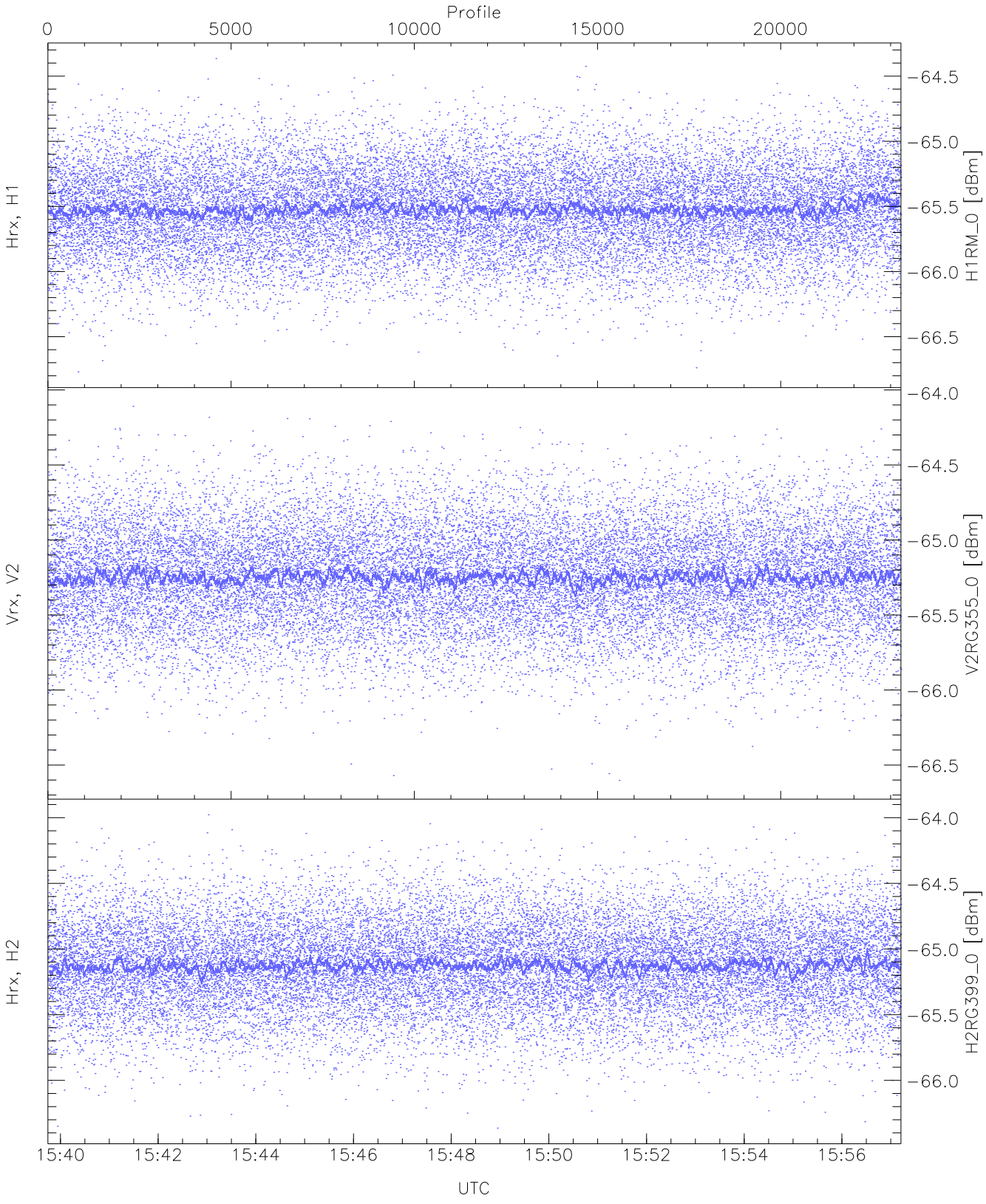
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.52	-63.77	-64.88	-64.89	-76.40
Vrx, V2(HL [dBm])	-66.19	-63.91	-65.00	-65.01	-76.53
Hrx, H2(HL [dBm])	-66.24	-63.61	-64.88	-64.89	-76.38



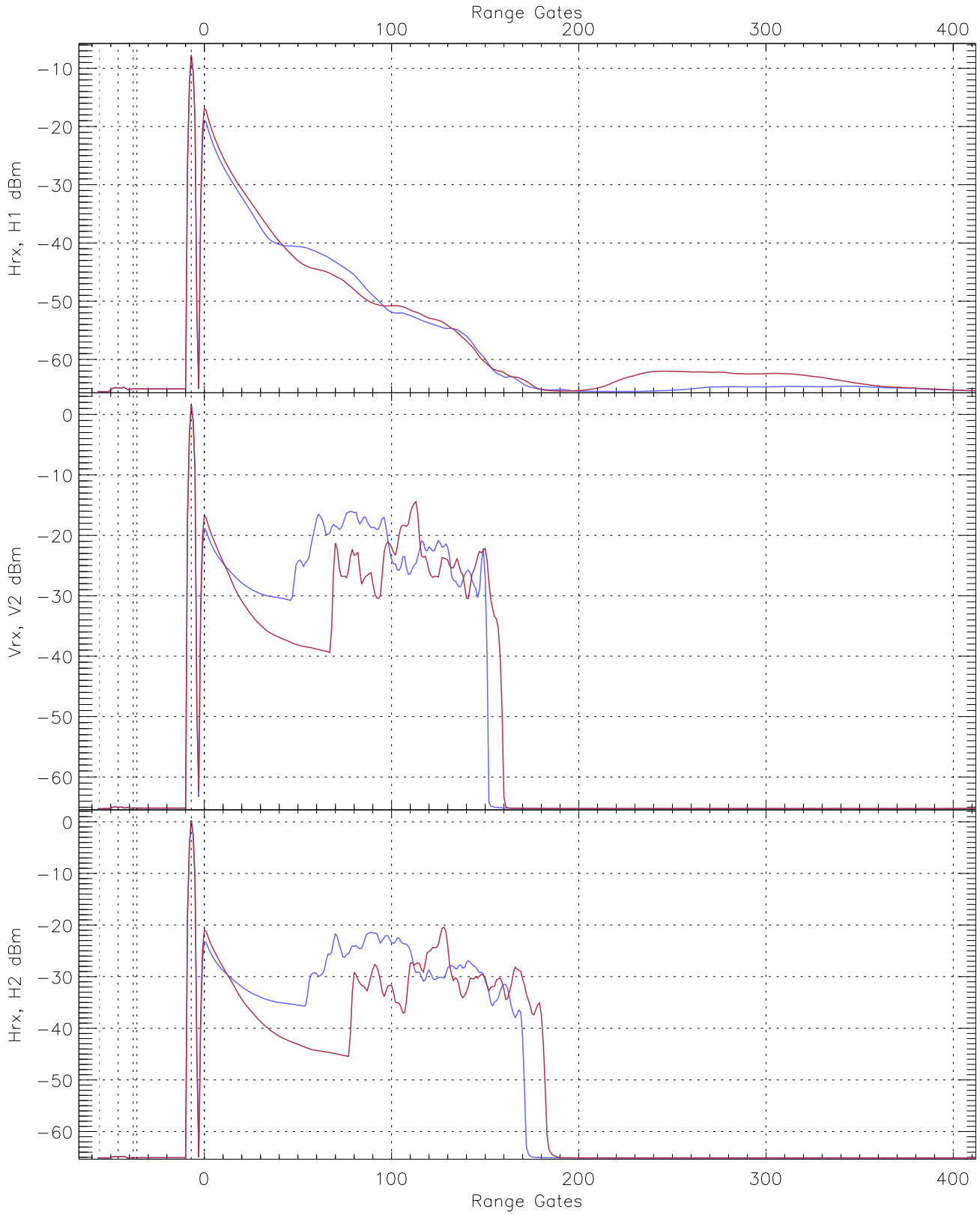
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.77	-64.37	-65.52	-65.52	-77.03
Vrx, V2(RM [dBm])	-66.62	-63.94	-65.24	-65.25	-76.76
Hrx, H2(RM [dBm])	-66.51	-63.96	-65.10	-65.11	-76.60

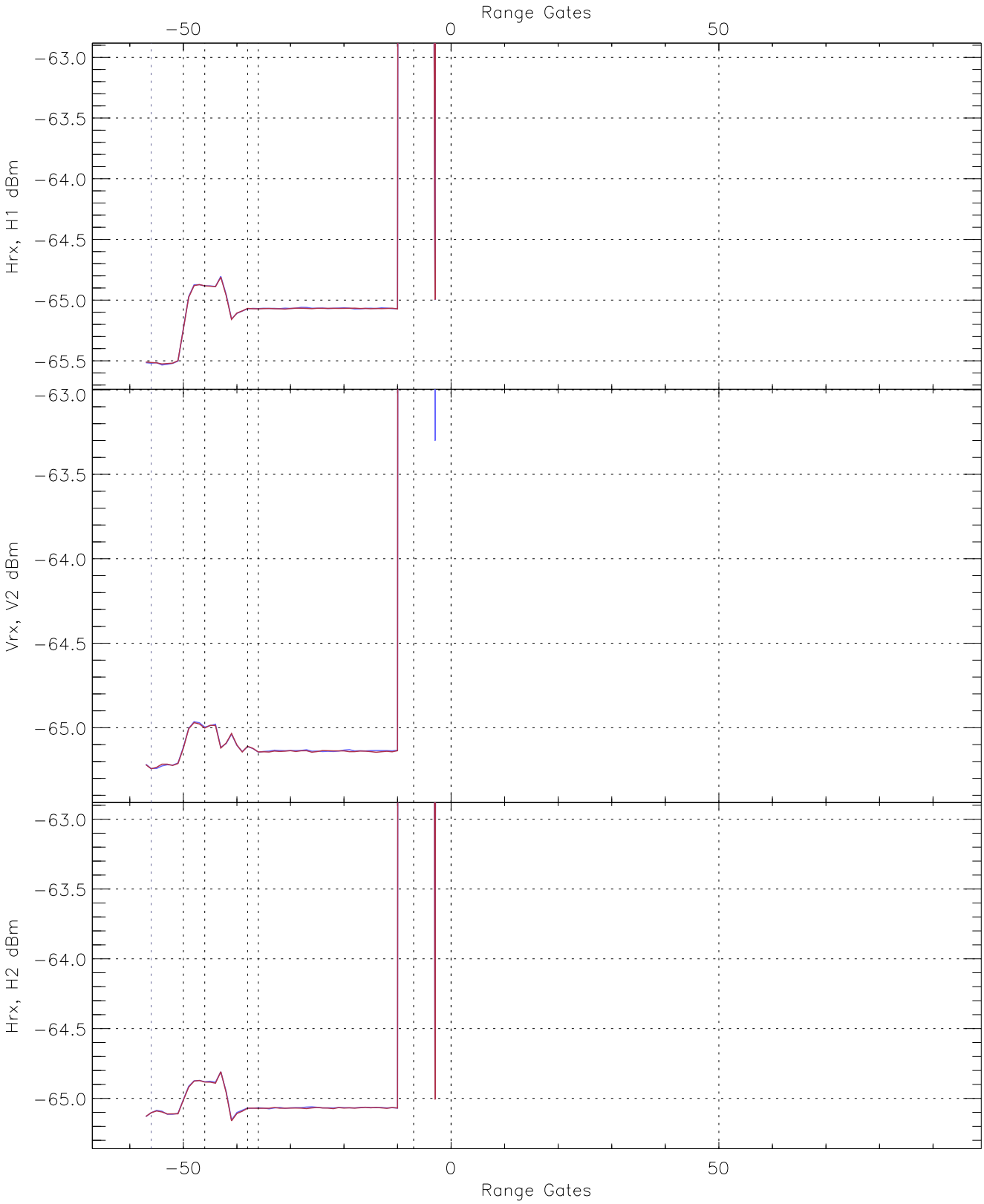


WCR3 CPP "Best" estimate Receivers Noise Power

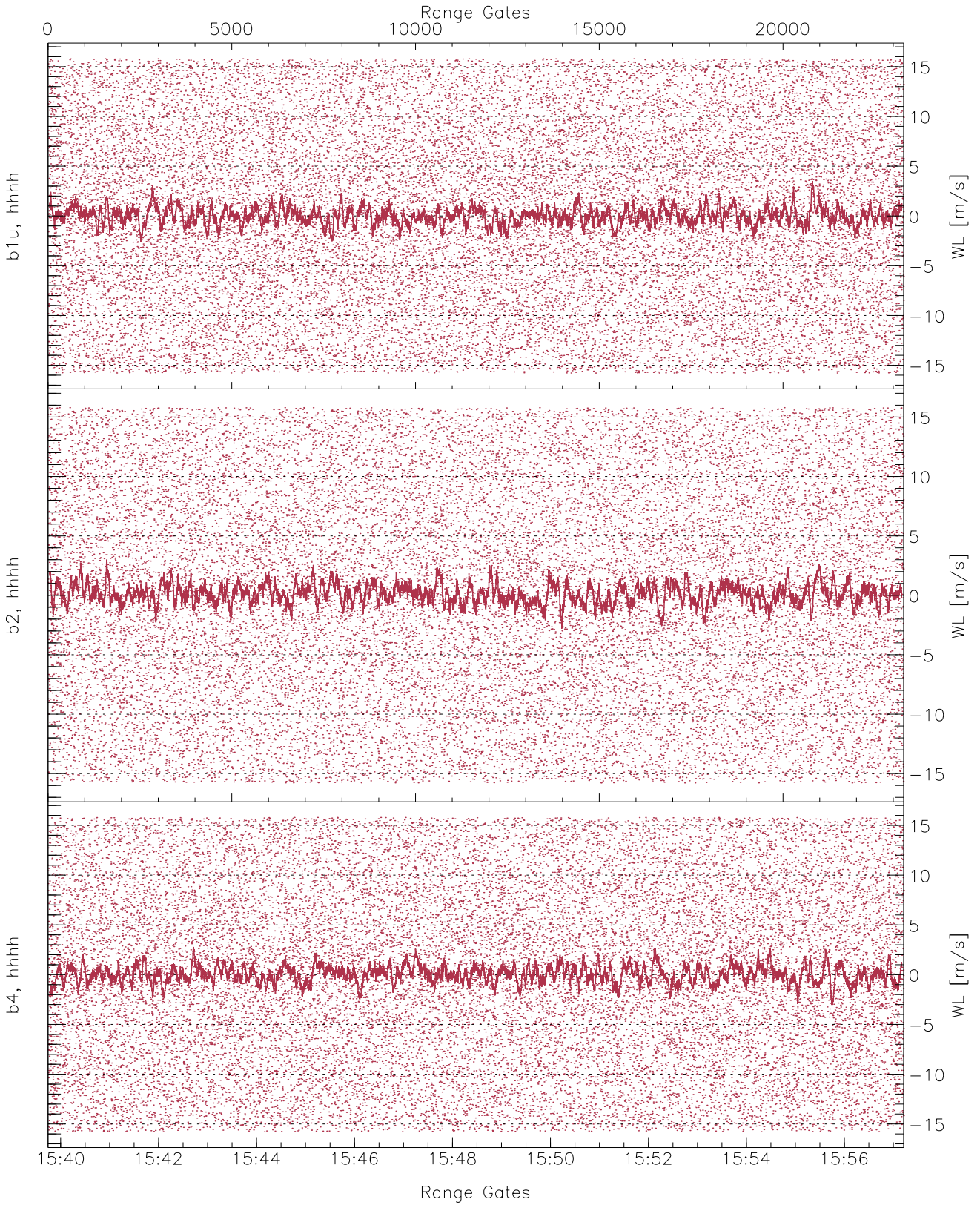
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.77	-64.37	-65.52	-65.52	-77.03
V2RG355_0 [dBm]	-66.60	-64.11	-65.24	-65.25	-76.72
H2RG399_0 [dBm]	-66.36	-63.98	-65.12	-65.13	-76.62



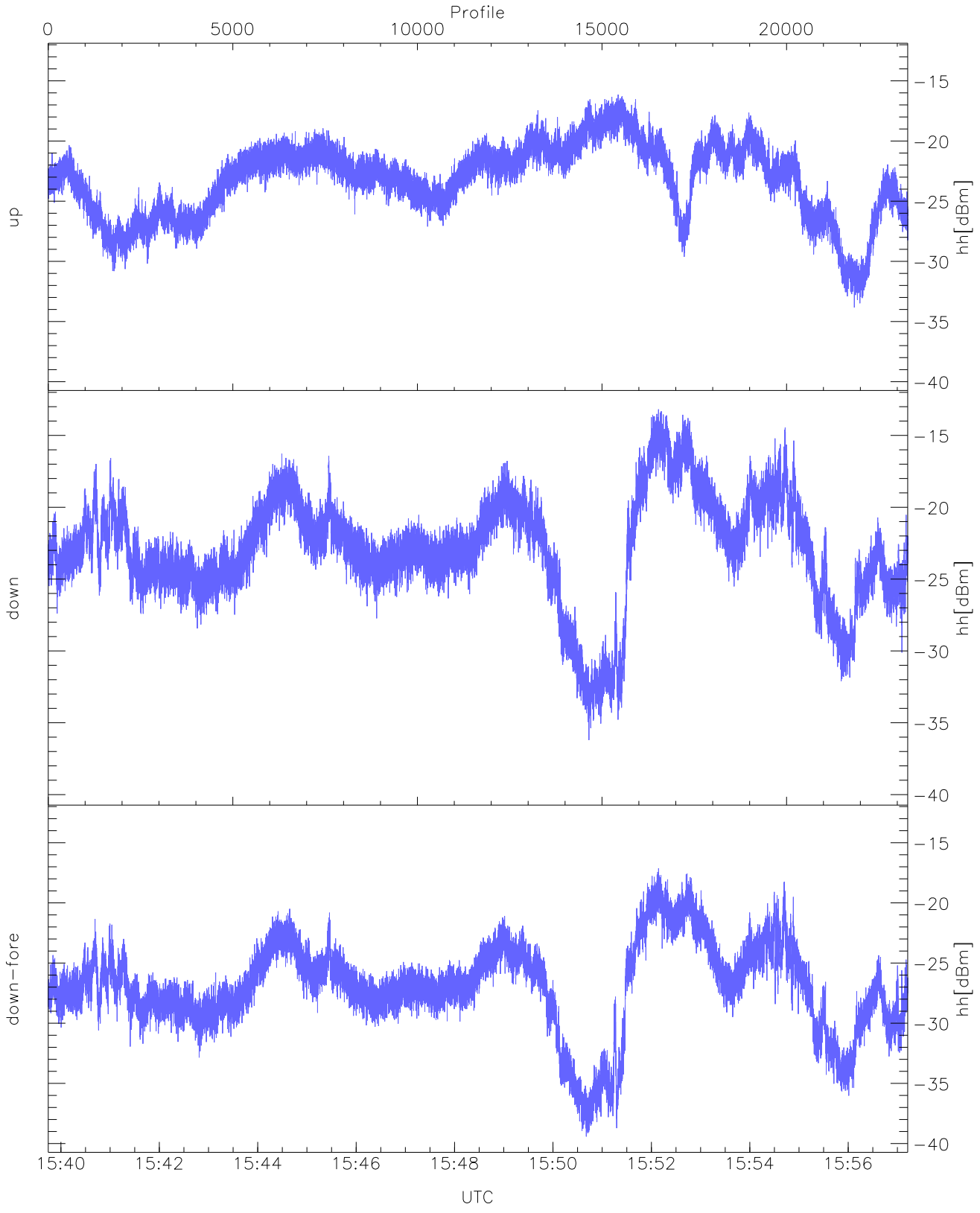
WCR3 CPP Averaged Received power for all recorded gates
blue: 153945-154829, 11643 profiles averaged
red: 154829-155713, 11642 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 153945-154829, 11643 profiles averaged
red: 154829-155713, 11642 profiles averaged

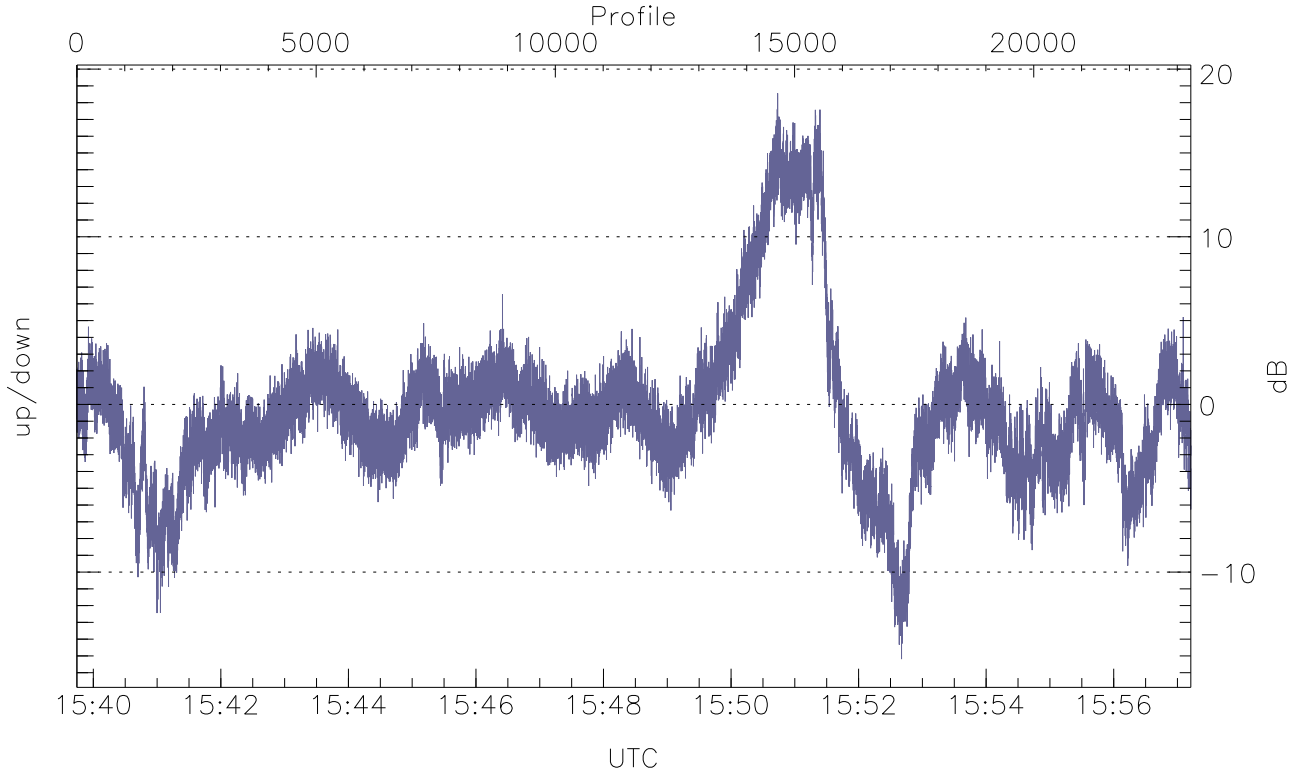


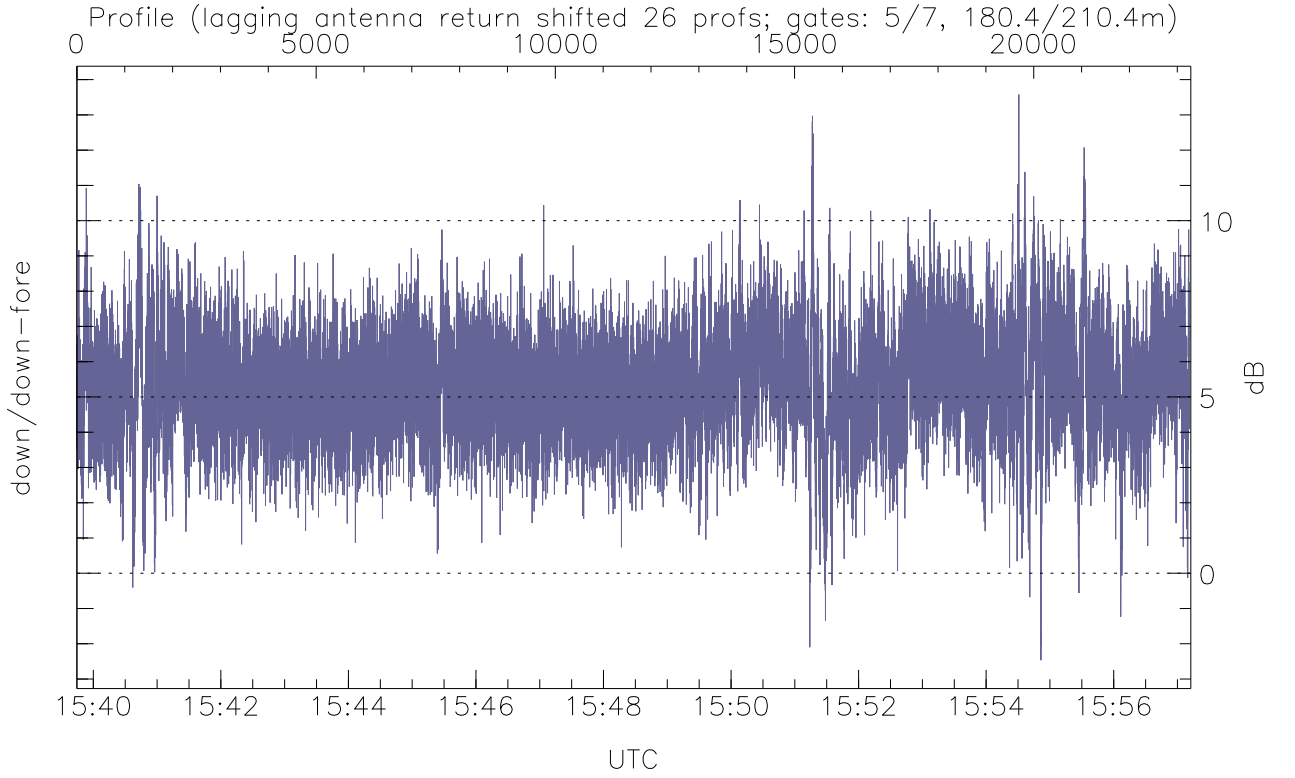
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

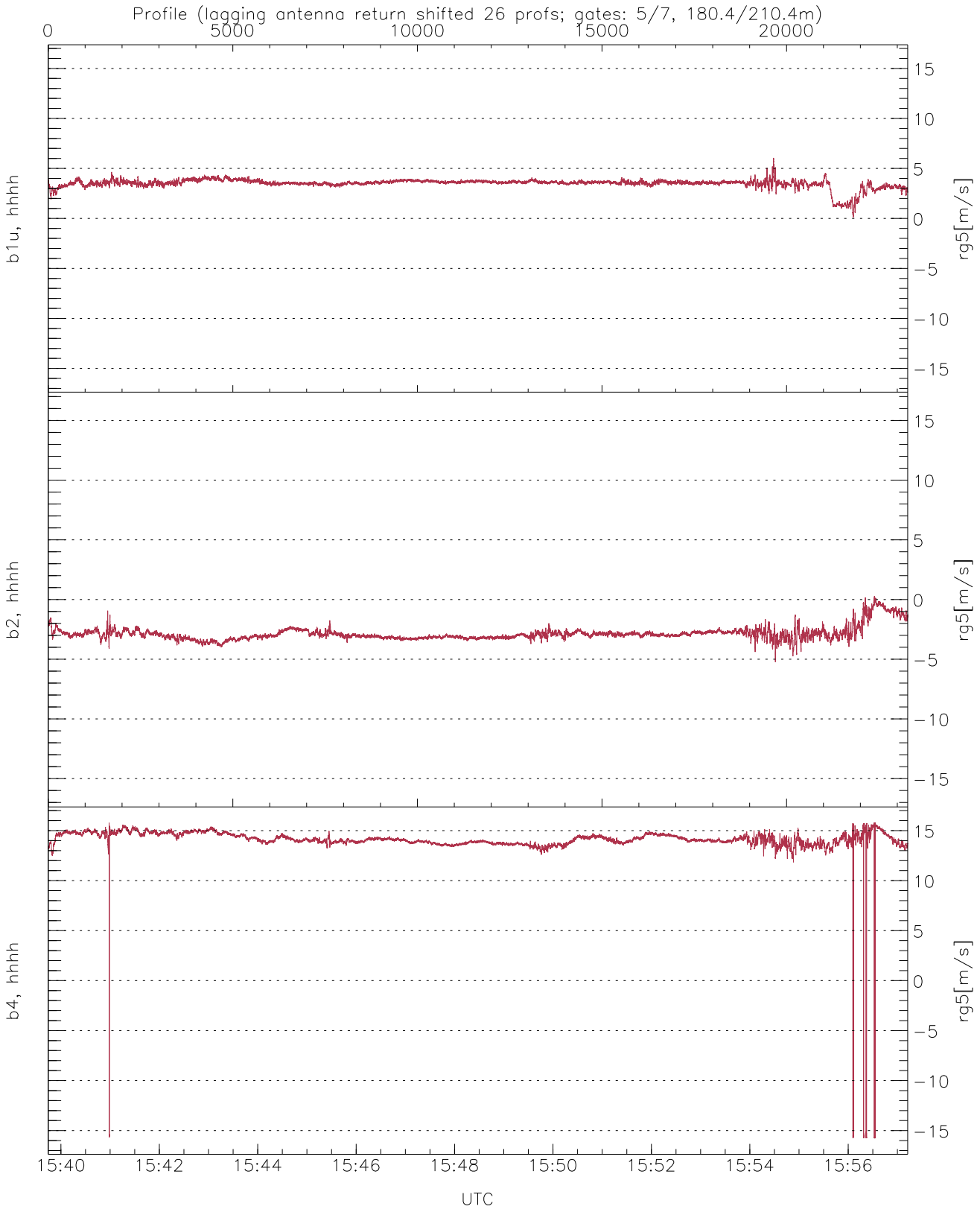
	Min	Max	Mean
up(hh[dBm])	-33.84	-16.14	-22.31
down(hh[dBm])	-36.21	-13.18	-21.48
down-fore(hh[dBm])	-39.42	-17.12	-25.57





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

	Min	Max	Mean
up/down(dB)	-15.19	18.56	-0.33
down/down-fore(dB)	-2.47	13.58	5.37



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.09	6.05	3.49	0.47
b2, hhhh(rg5[m/s])	-5.23	0.29	-2.86	0.58
b4, hhhh(rg5[m/s])	-15.78	15.79	14.08	1.62