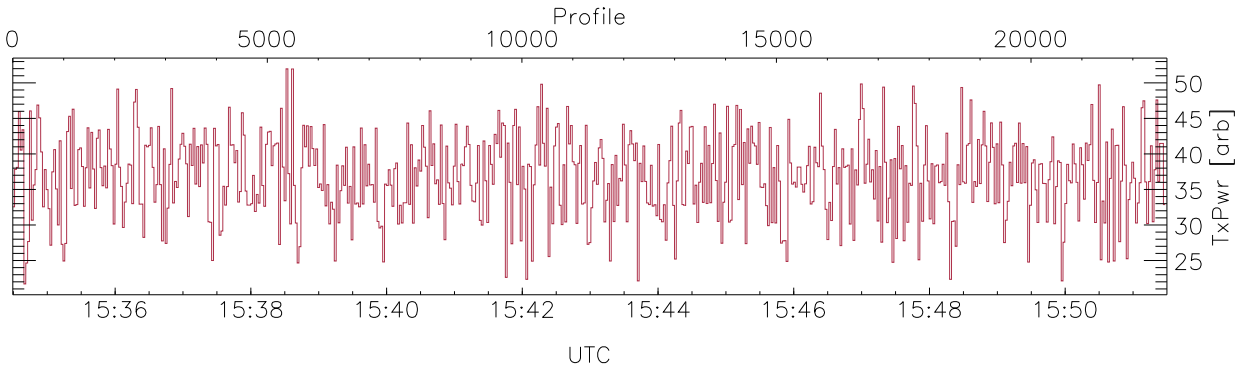
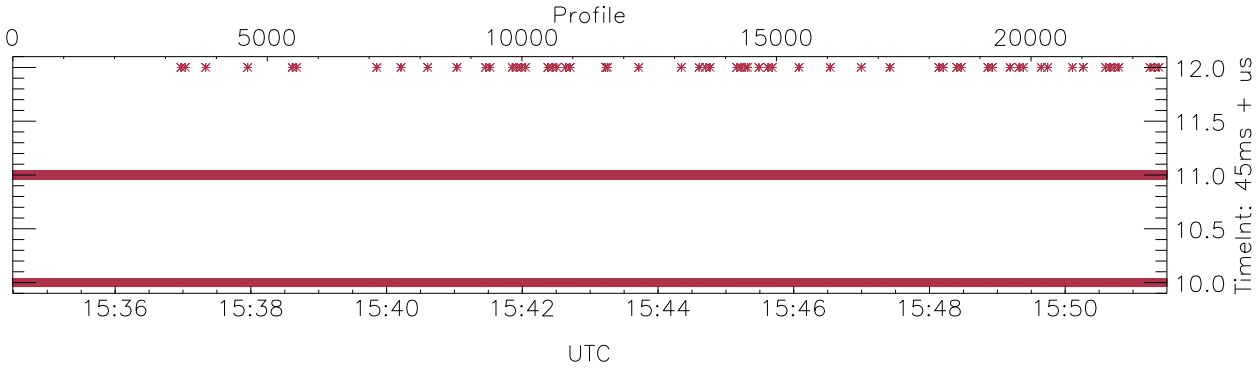
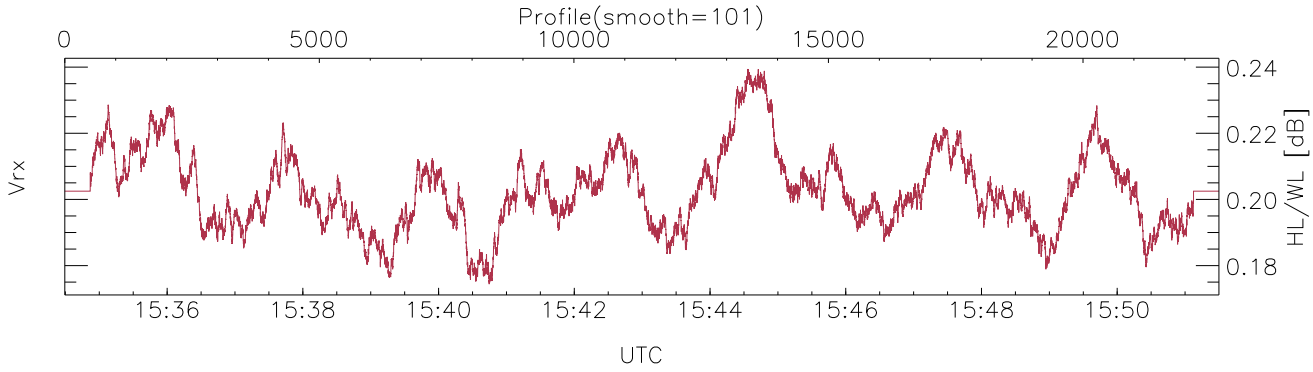
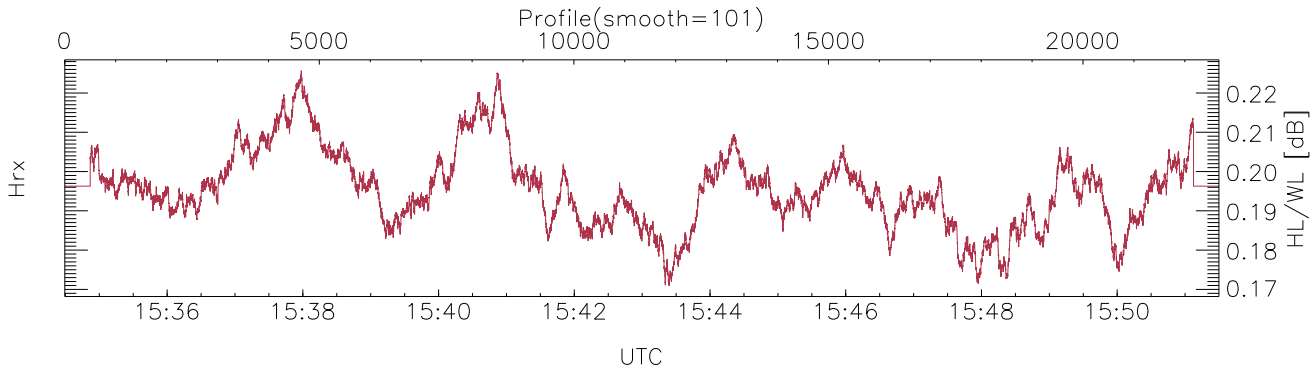


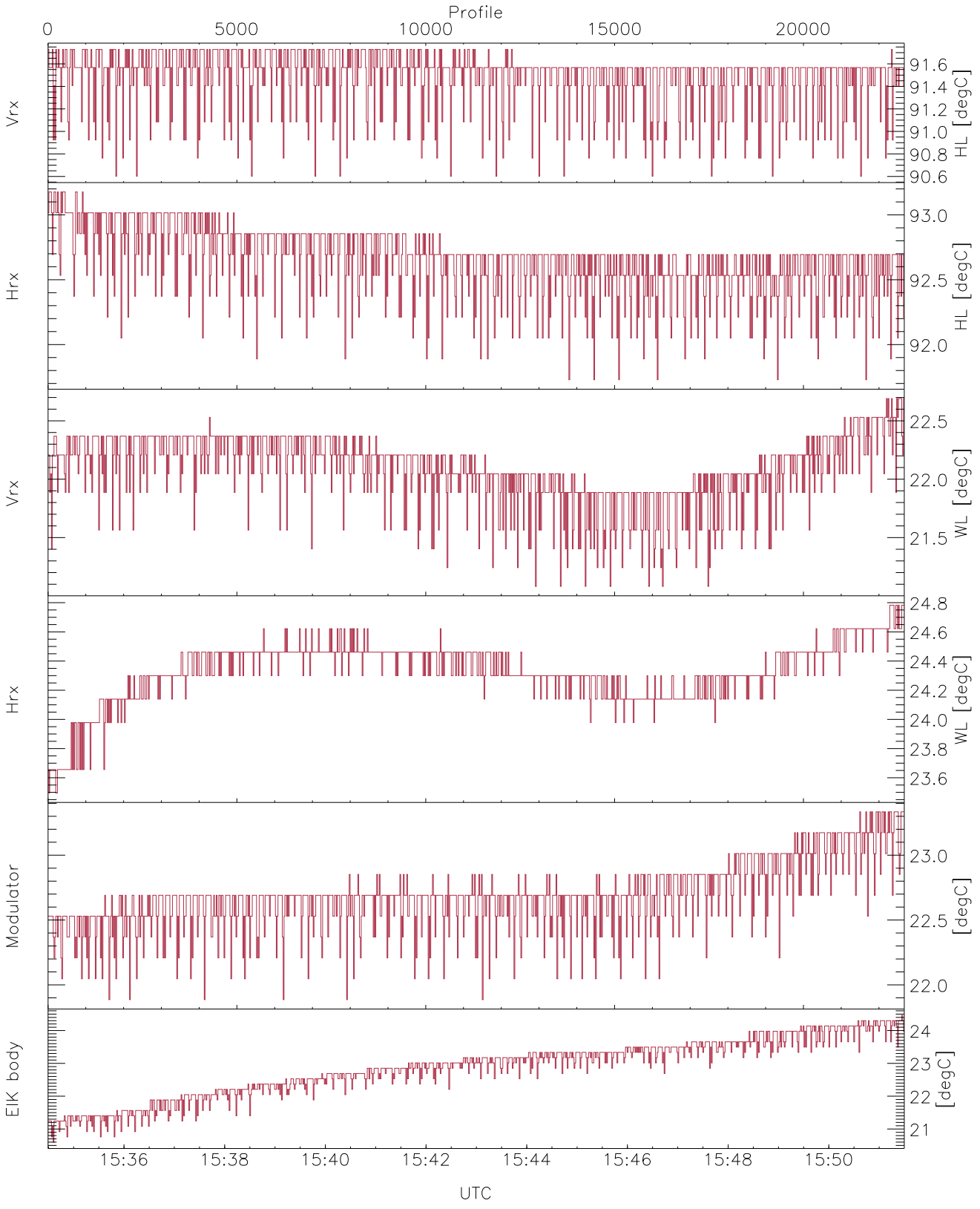






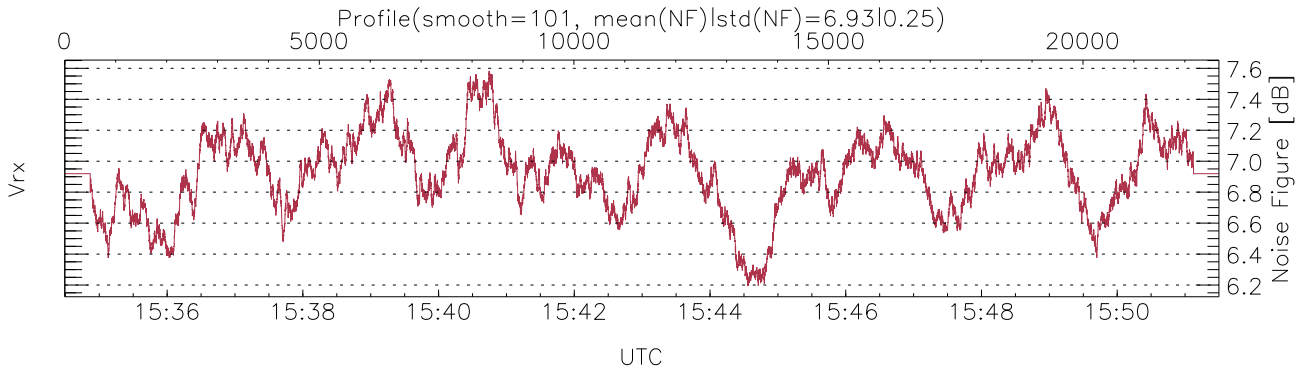
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

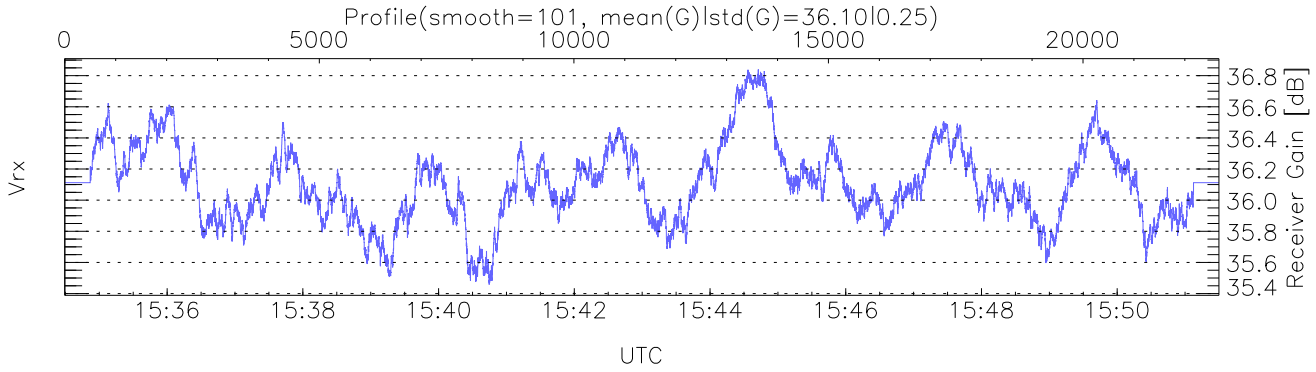
UTC: 15:34:30-15:51:30, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/15:34:30-15:51:30
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

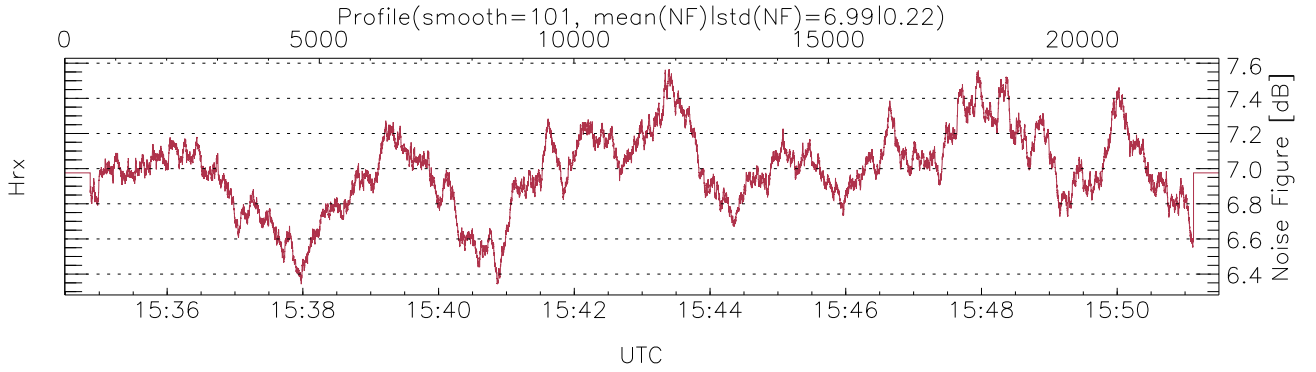


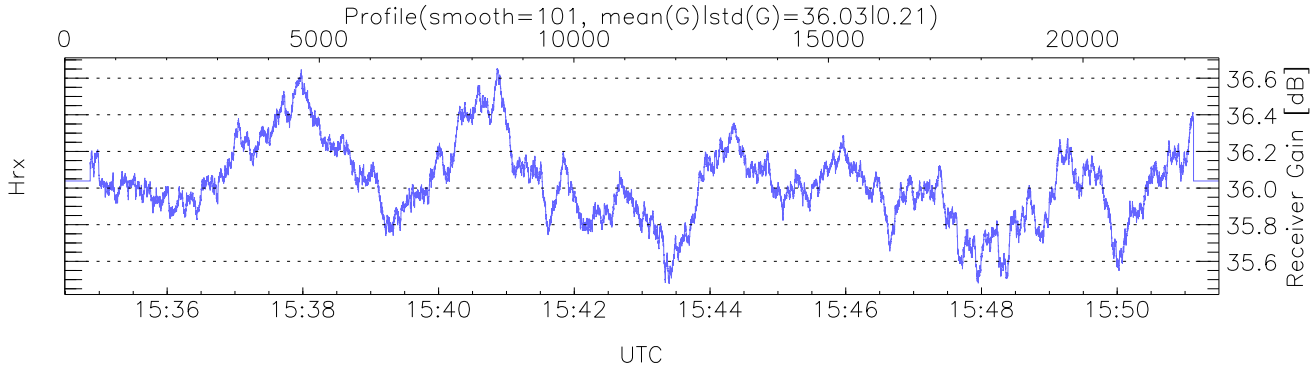
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,21,20
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,22,24,23,24
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



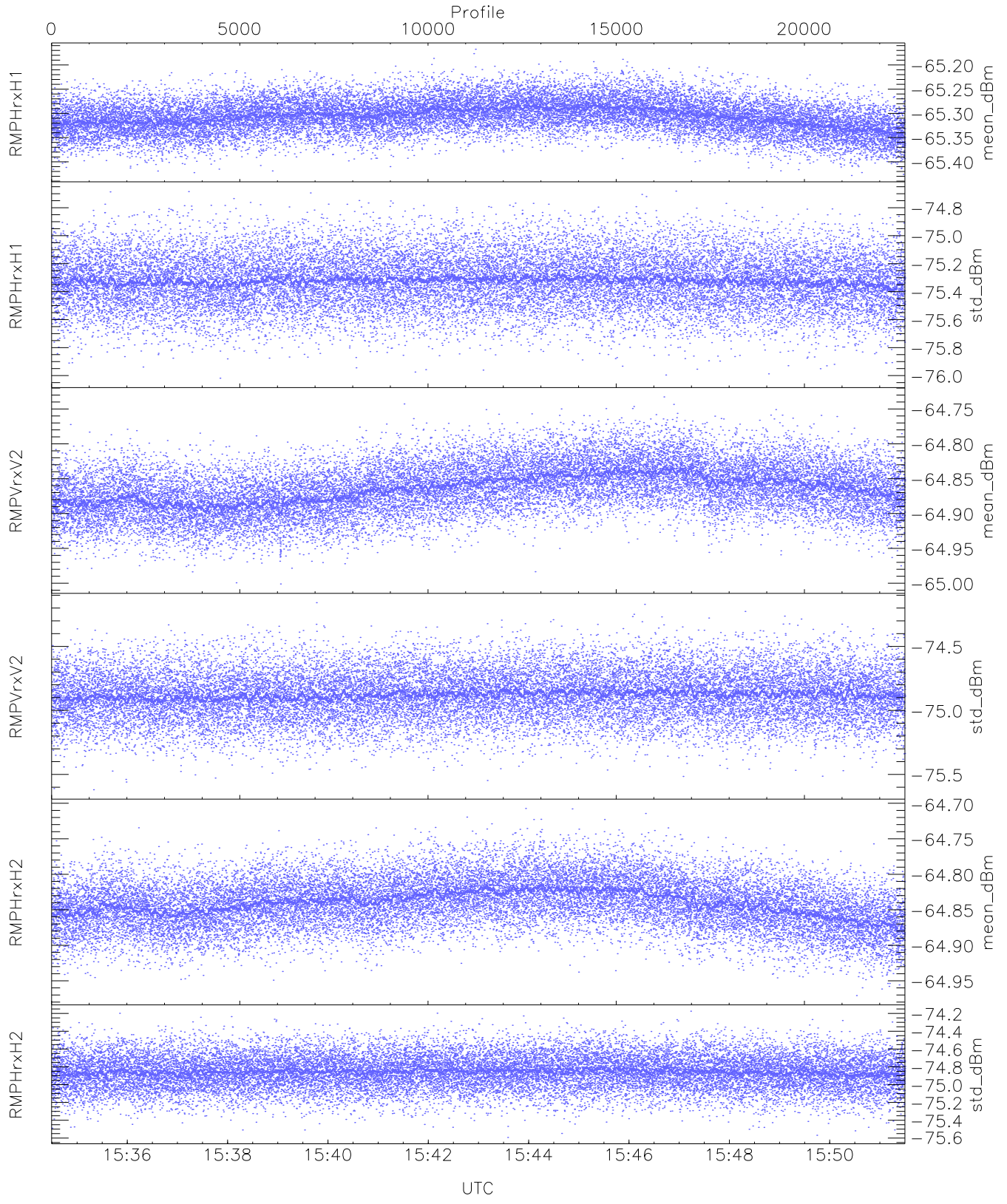






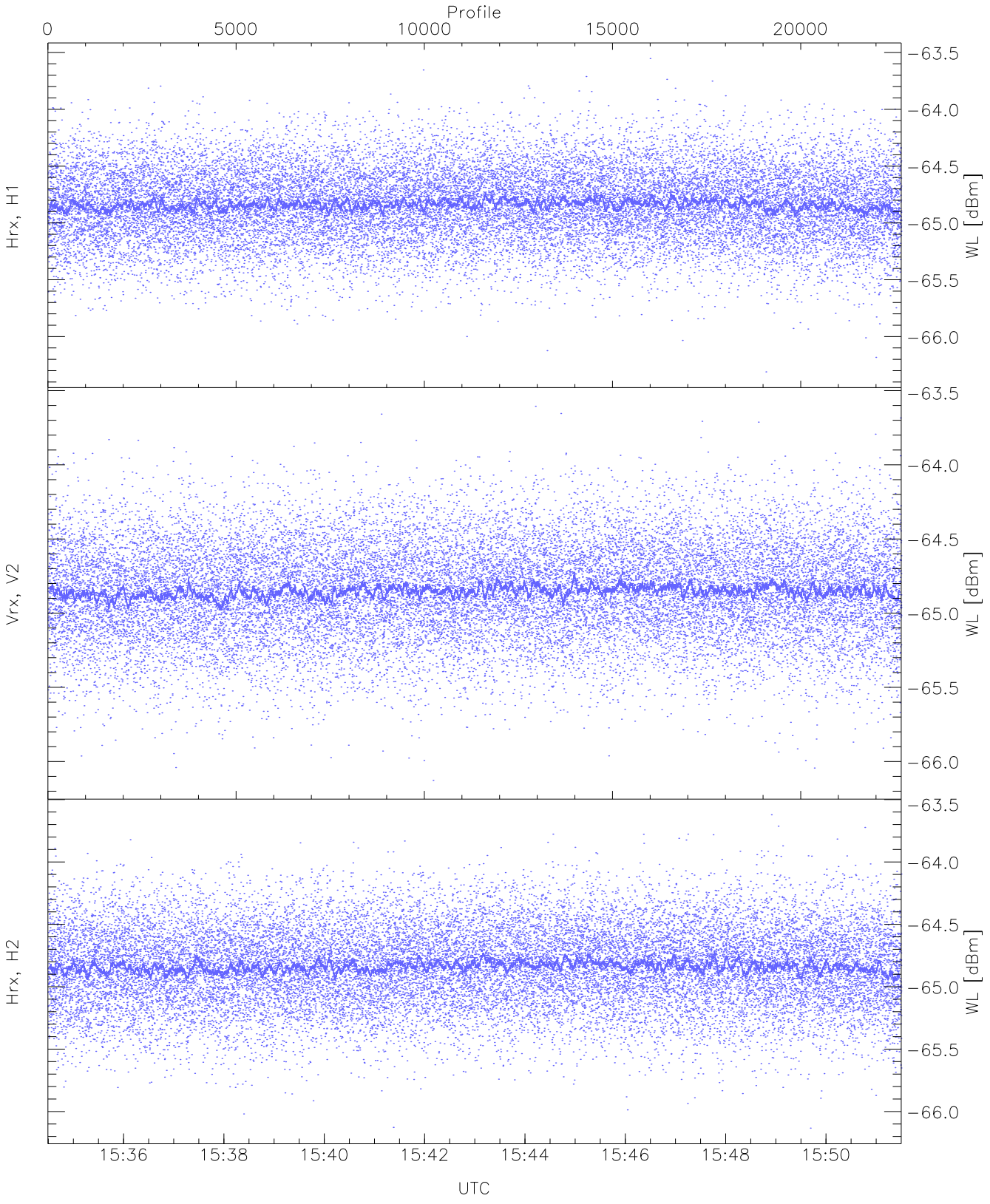
WCR3 CPP Receivers Gain and Noise Figure

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



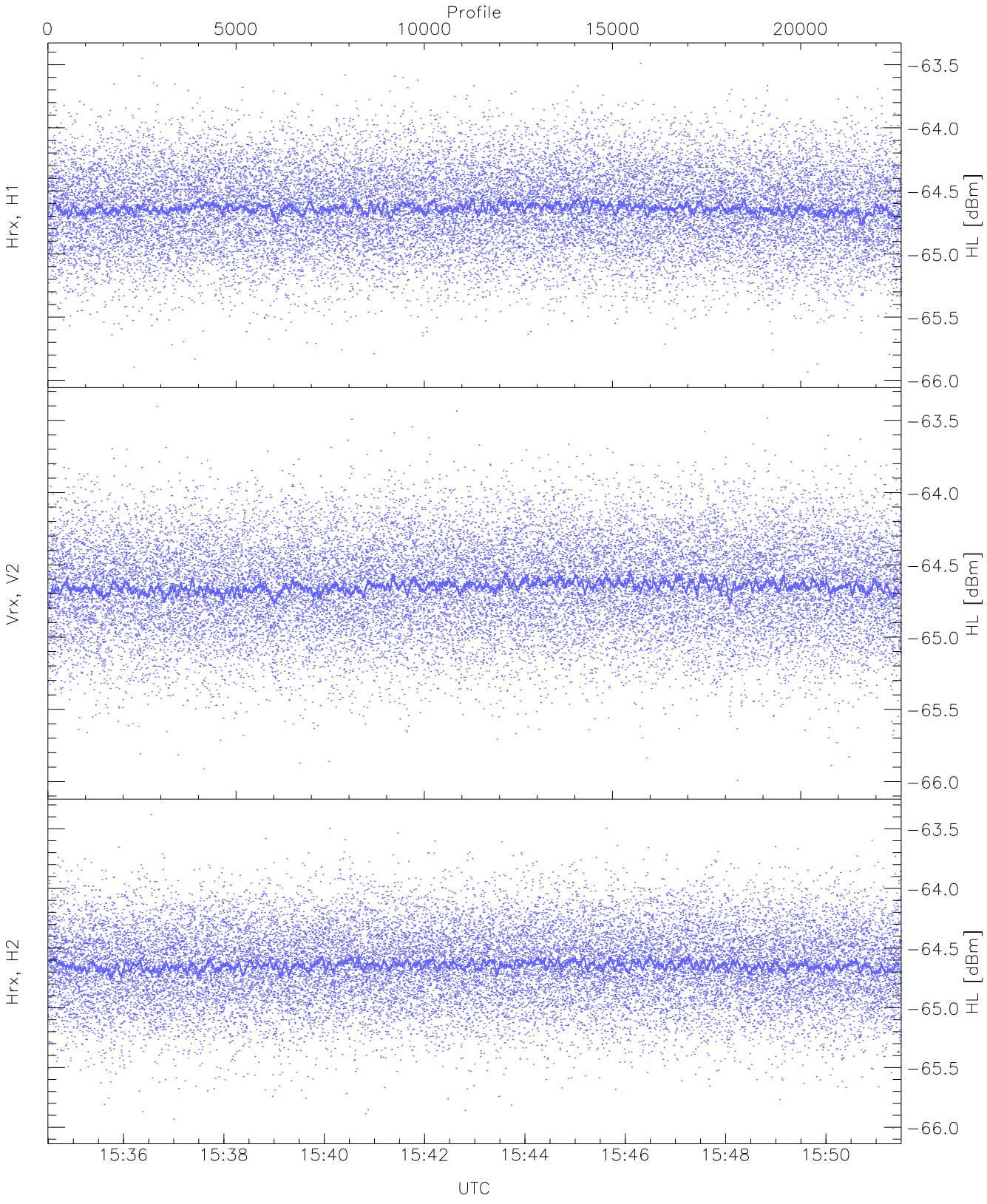
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.17	-65.31	-65.31	-86.48
RMPHrxH1(std_dBm)	-76.02	-74.68	-75.32	-75.32	-89.12
RMPVrxV2(mean_dBm)	-65.00	-64.73	-64.87	-64.87	-85.83
RMPVrxV2(std_dBm)	-75.62	-74.16	-74.88	-74.88	-88.66
RMPHrxH2(mean_dBm)	-64.97	-64.71	-64.84	-64.84	-85.98
RMPHrxH2(std_dBm)	-75.59	-74.17	-74.86	-74.86	-88.62



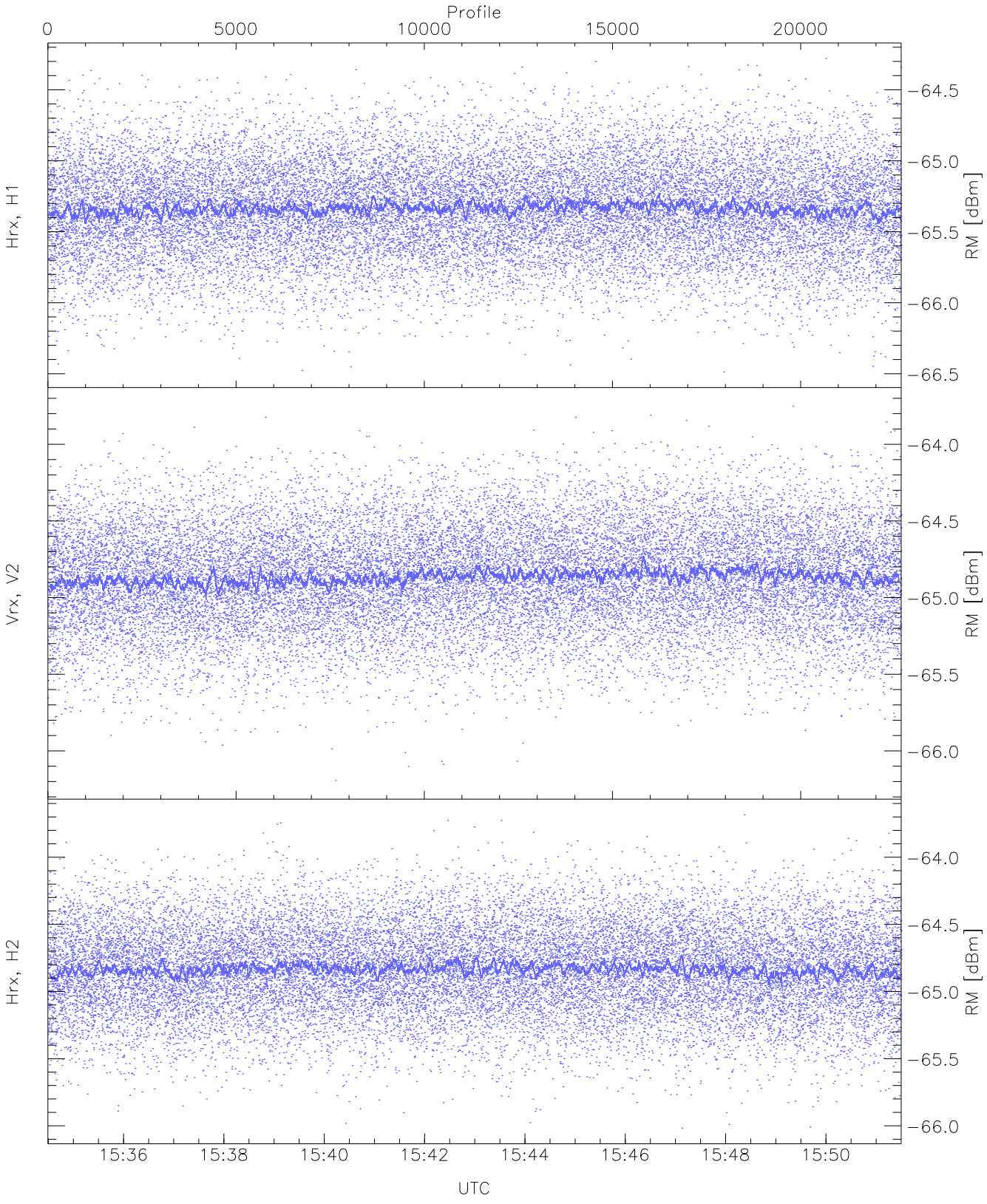
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.31	-63.55	-64.83	-64.84	-76.33
Vrx, V2(WL [dBm])	-66.13	-63.61	-64.85	-64.85	-76.37
Hrx, H2(WL [dBm])	-66.13	-63.62	-64.83	-64.84	-76.34



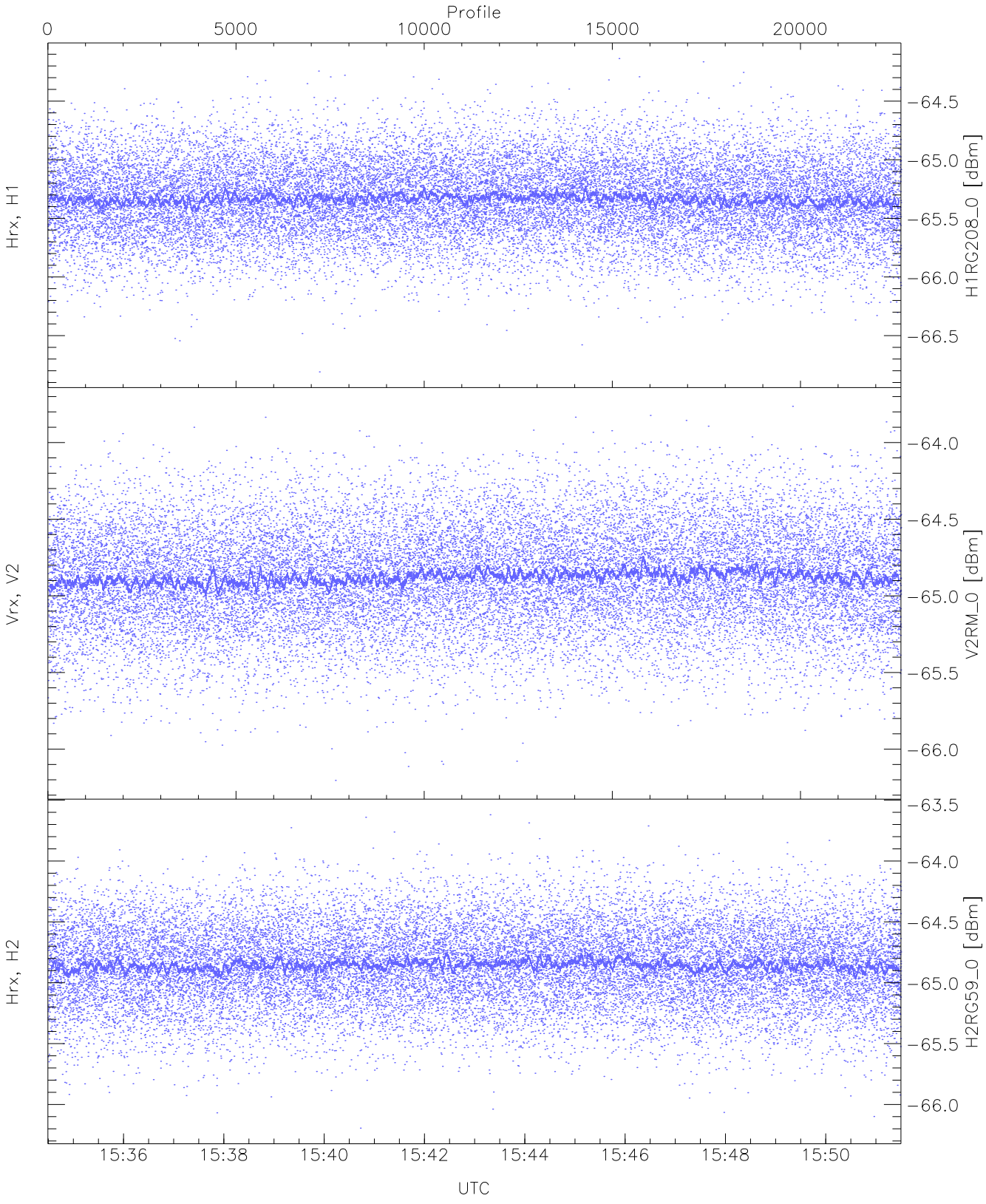
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.93	-63.45	-64.63	-64.64	-76.15
Vrx, V2(HL [dBm])	-65.99	-63.40	-64.64	-64.65	-76.13
Hrx, H2(HL [dBm])	-66.01	-63.38	-64.64	-64.65	-76.11



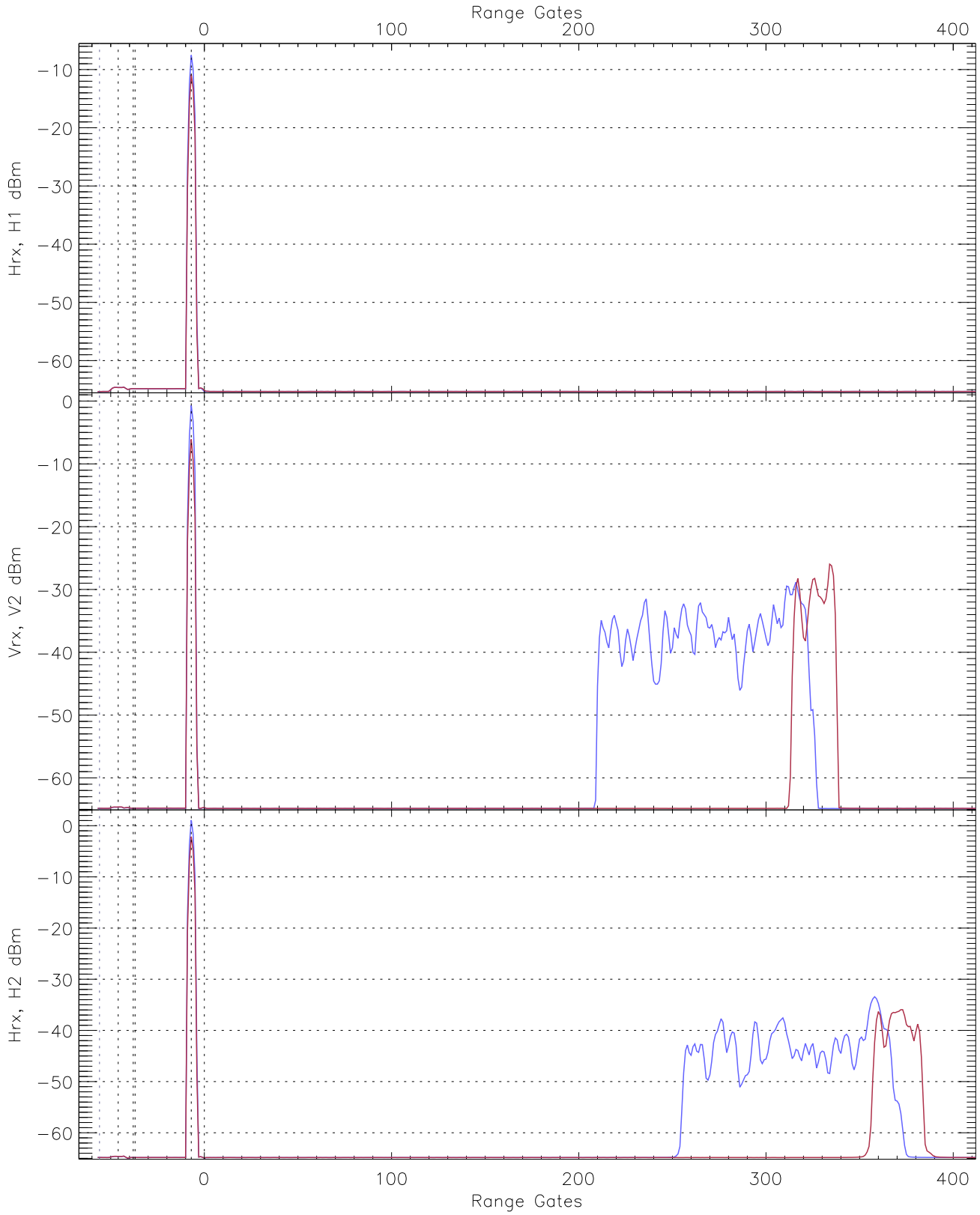
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.49	-64.28	-65.33	-65.34	-76.82
Vrx, V2(RM [dBm])	-66.19	-63.75	-64.86	-64.87	-76.38
Hrx, H2(RM [dBm])	-66.02	-63.68	-64.83	-64.84	-76.35

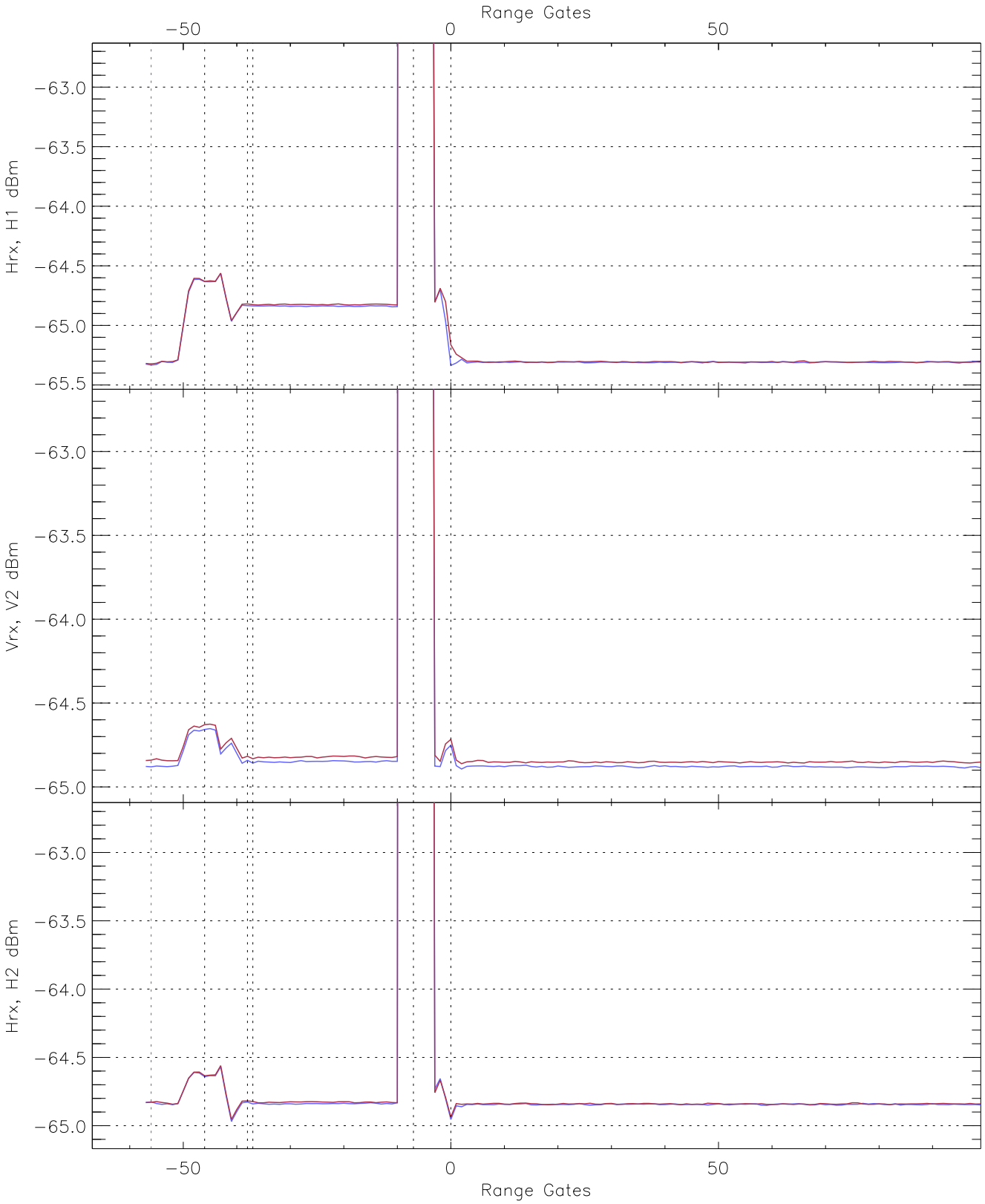


WCR3 CPP "Best" estimate Receivers Noise Power

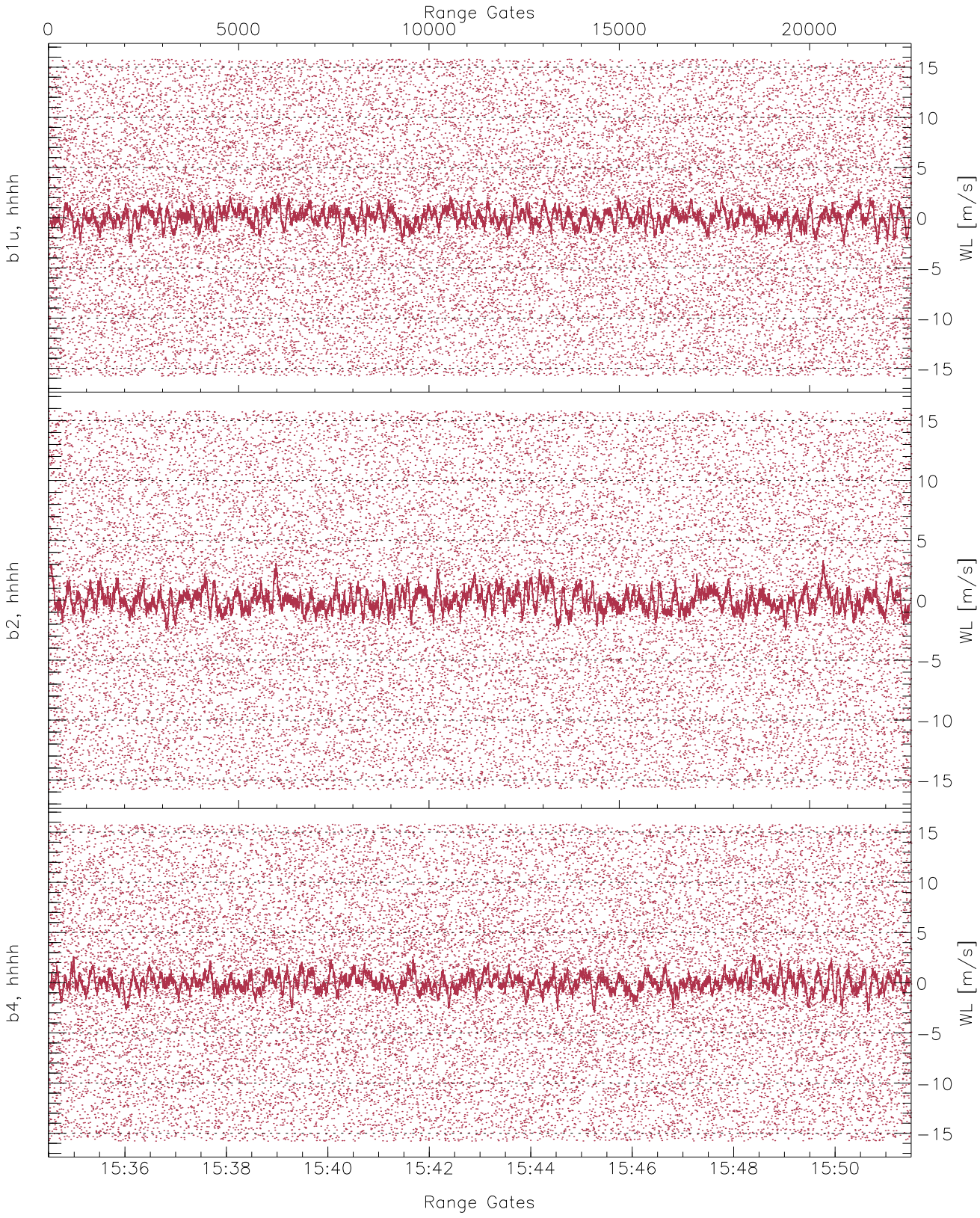
	Min	Max	Mean	Median	StDev
H1RG208_0 [dBm]	-66.81	-64.14	-65.33	-65.34	-76.83
V2RM_0 [dBm]	-66.20	-63.76	-64.87	-64.88	-76.39
H2RG59_0 [dBm]	-66.19	-63.62	-64.85	-64.85	-76.33



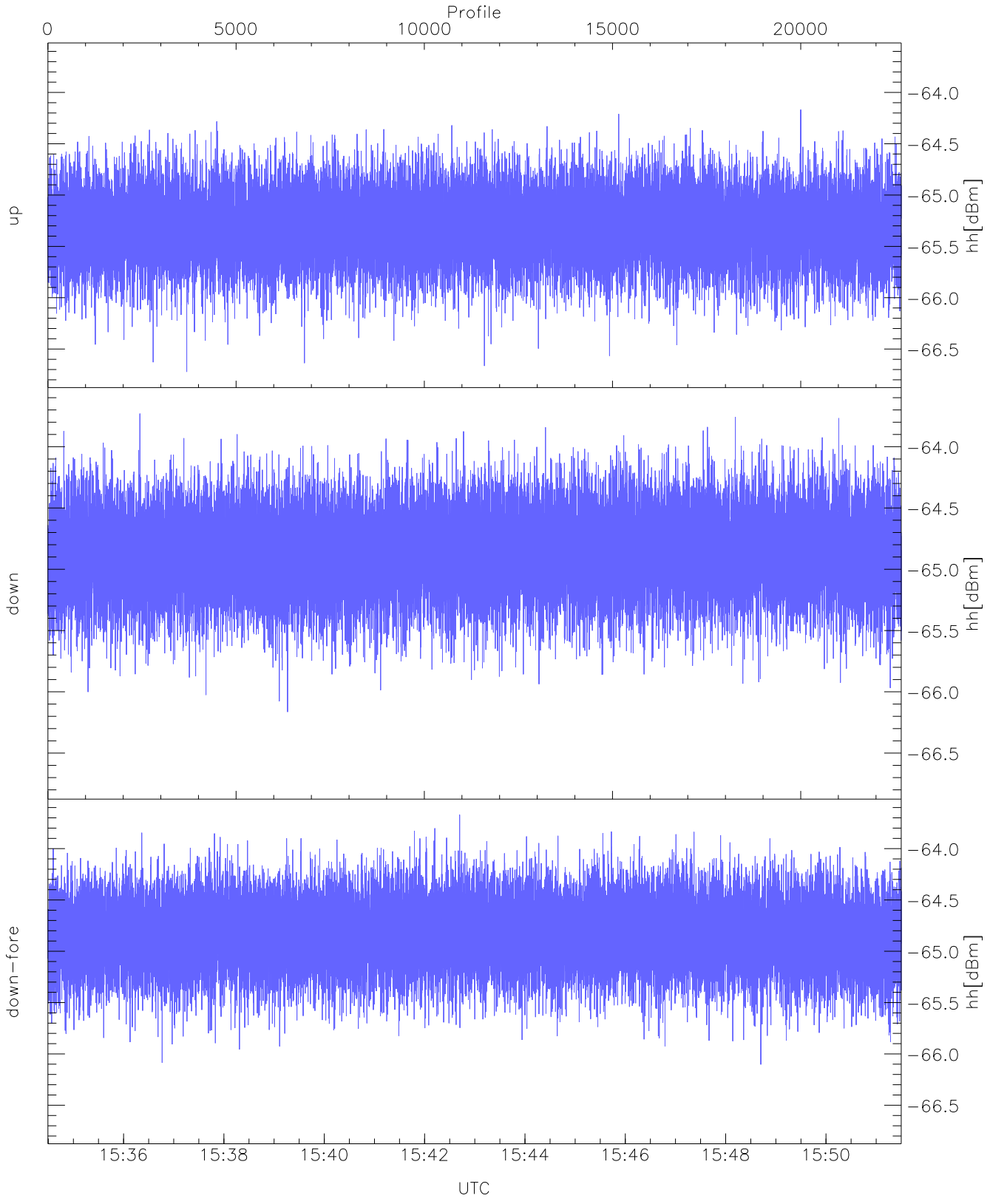
WCR3 CPP Averaged Received power for all recorded gates
blue: 153430-154300, 11337 profiles averaged
red: 154300-155130, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 153430-154300, 11337 profiles averaged
red: 154300-155130, 11336 profiles averaged

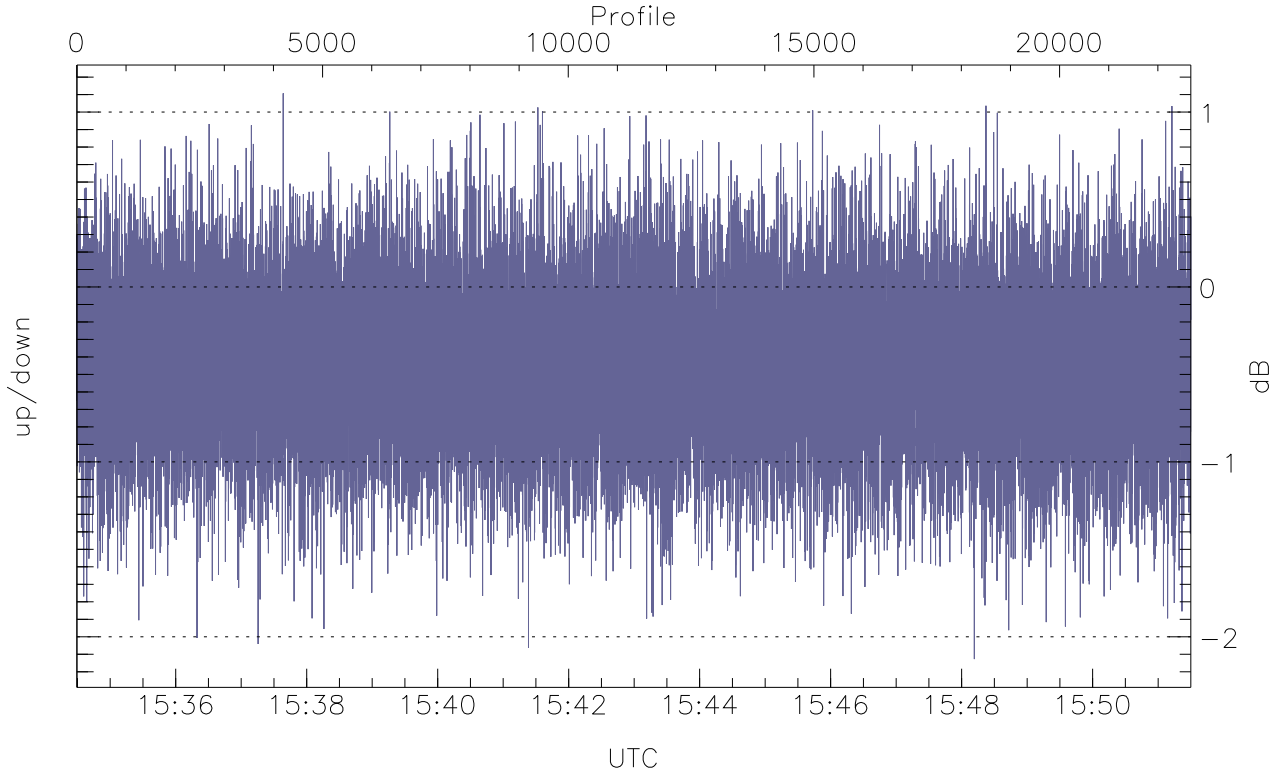


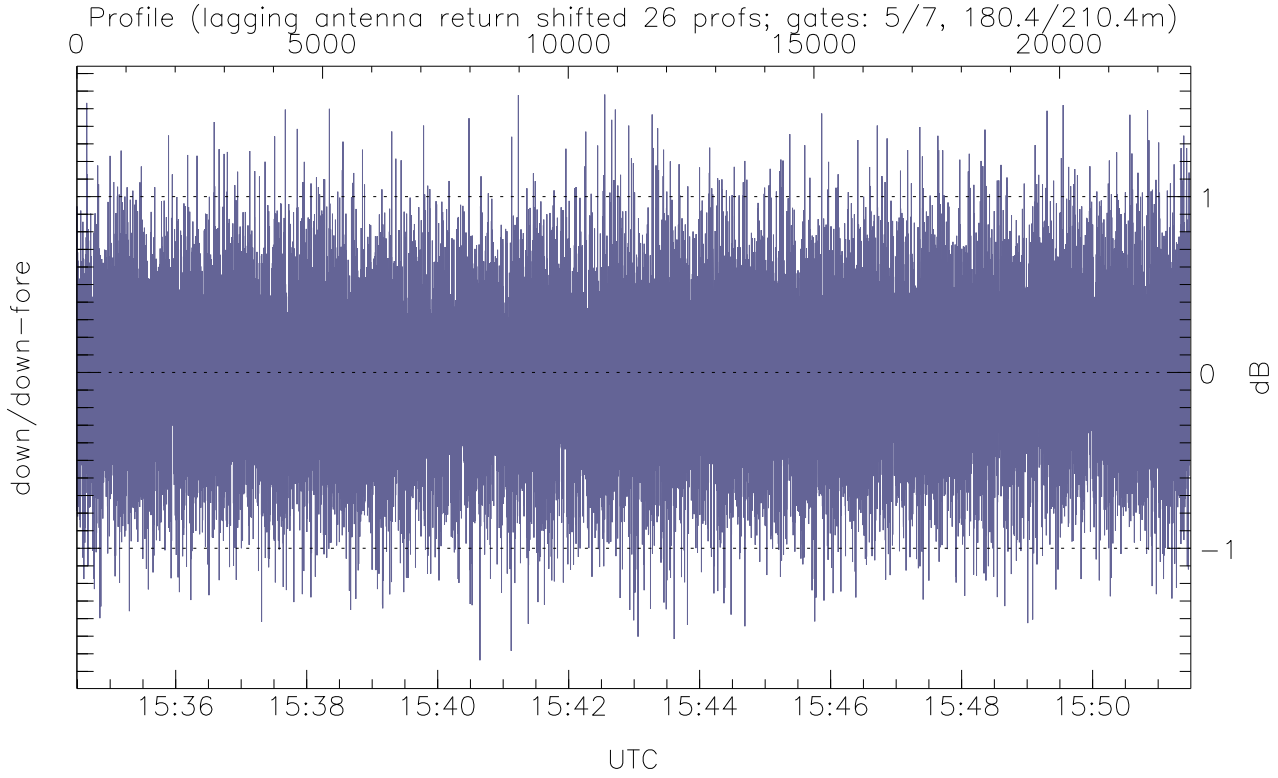
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

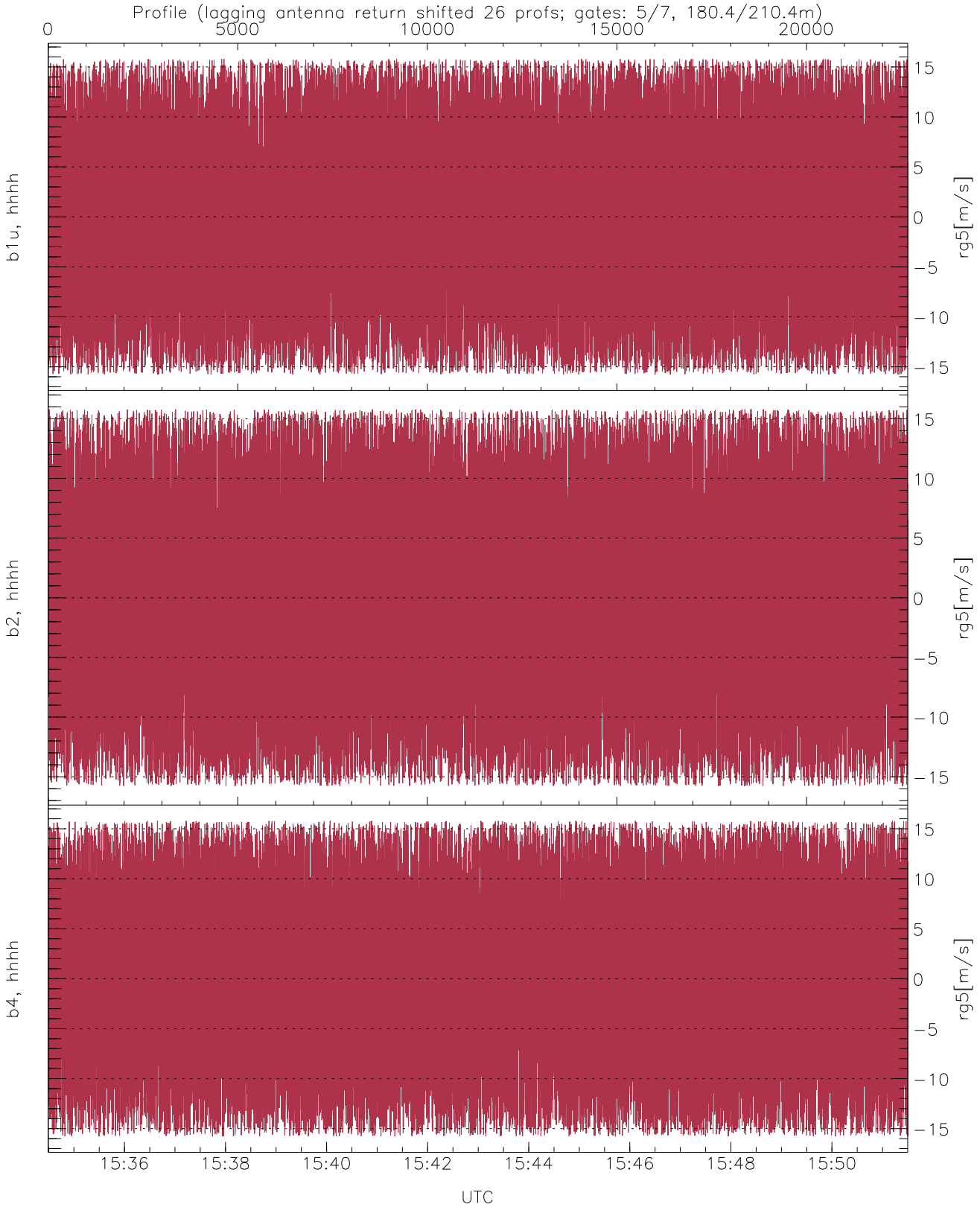
	Min	Max	Mean
up(hh[dBm])	-66.72	-64.17	-65.30
down(hh[dBm])	-66.17	-63.73	-64.86
down-fore(hh[dBm])	-66.10	-63.67	-64.84





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

	Min	Max	Mean
up/down(dB)	-2.13	1.11	-0.44
down/down-fore(dB)	-1.64	1.58	-0.02



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.12	8.60
b2, hhhh(rg5[m/s])	-15.79	15.79	0.11	8.82
b4, hhhh(rg5[m/s])	-15.78	15.79	0.04	8.65