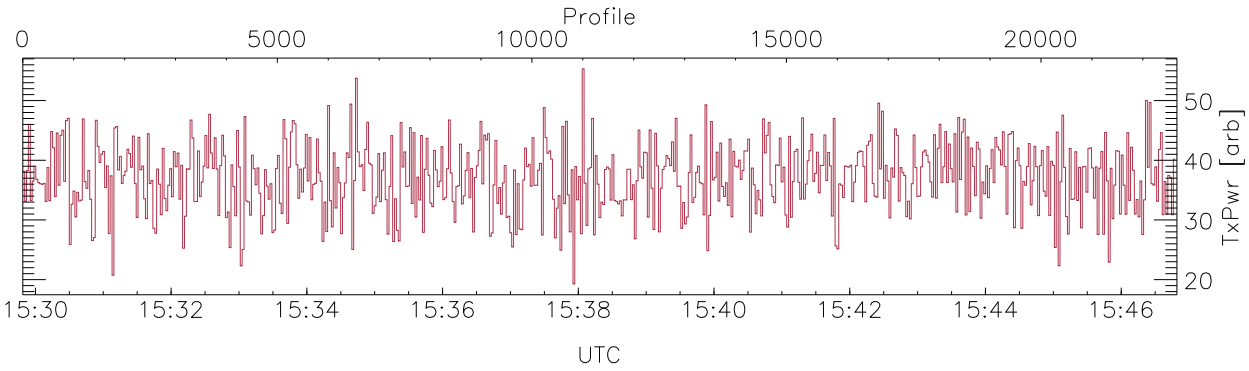
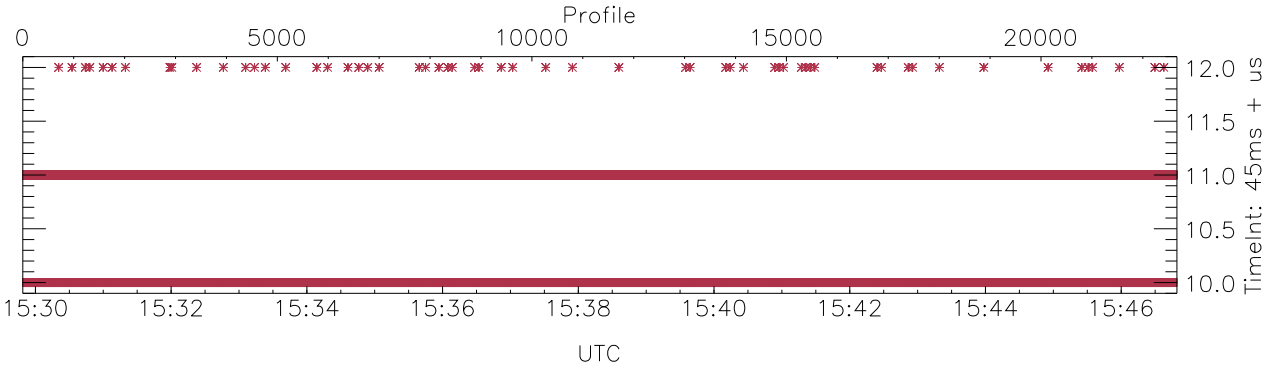
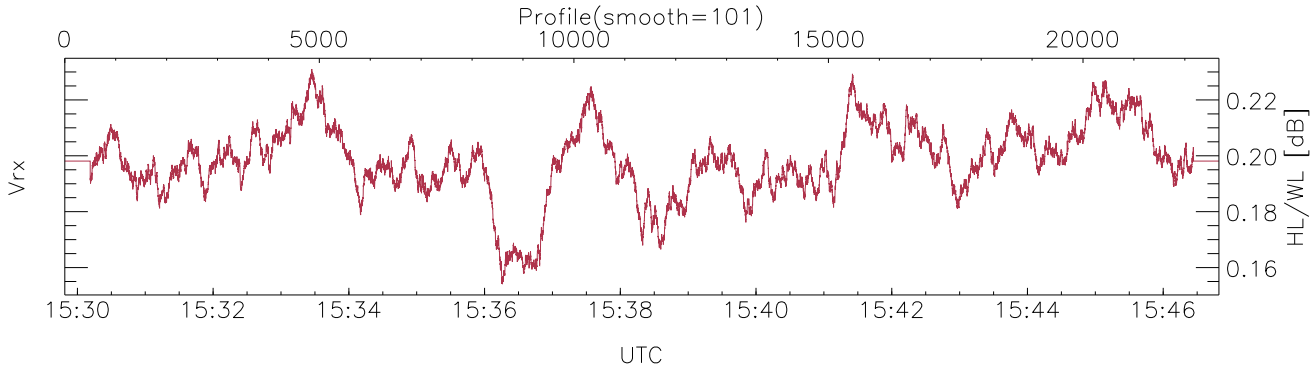
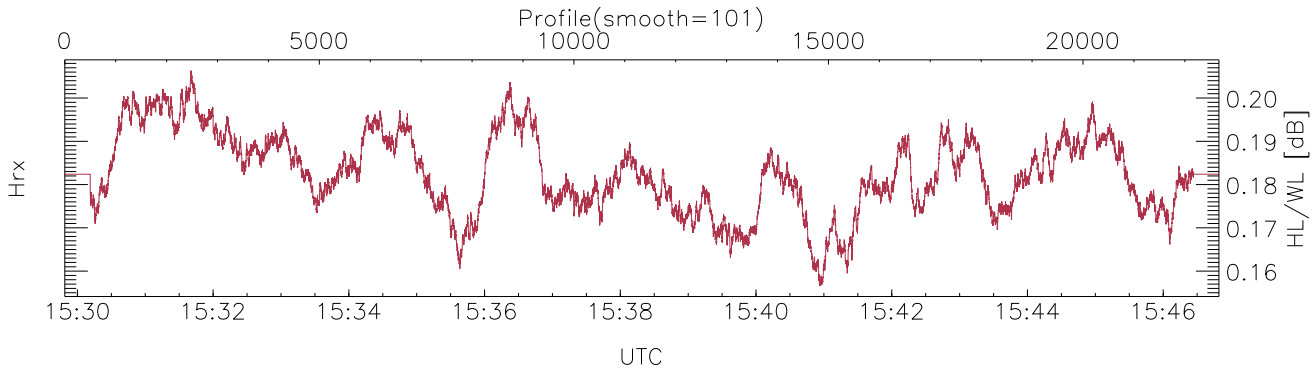


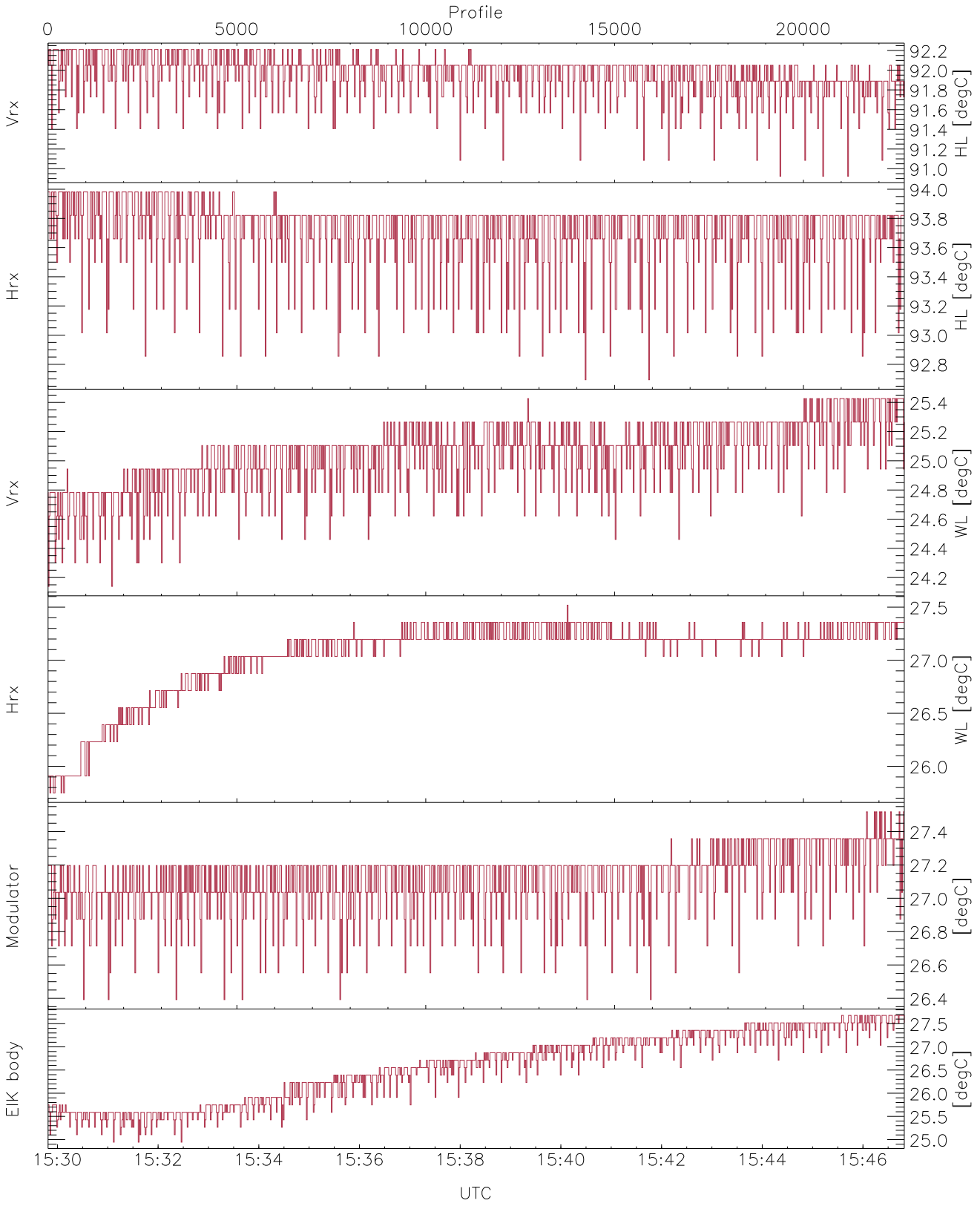






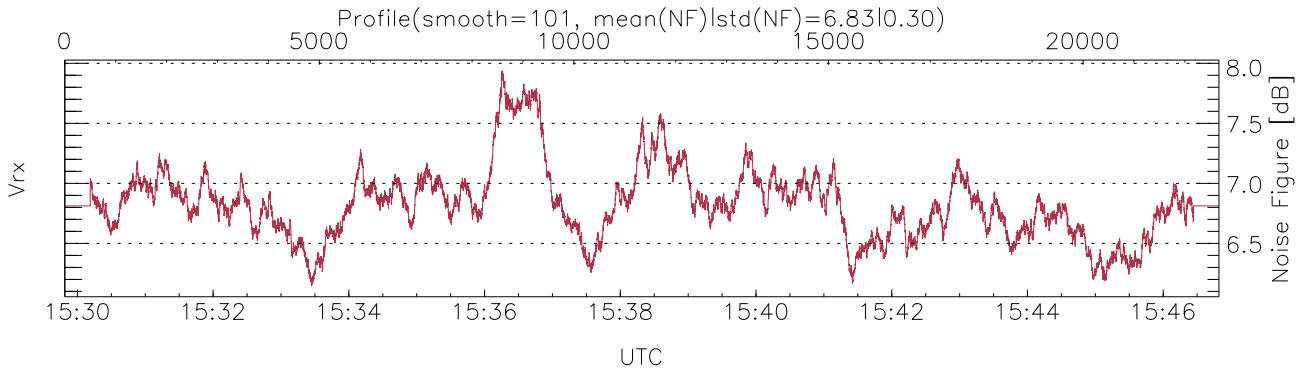
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

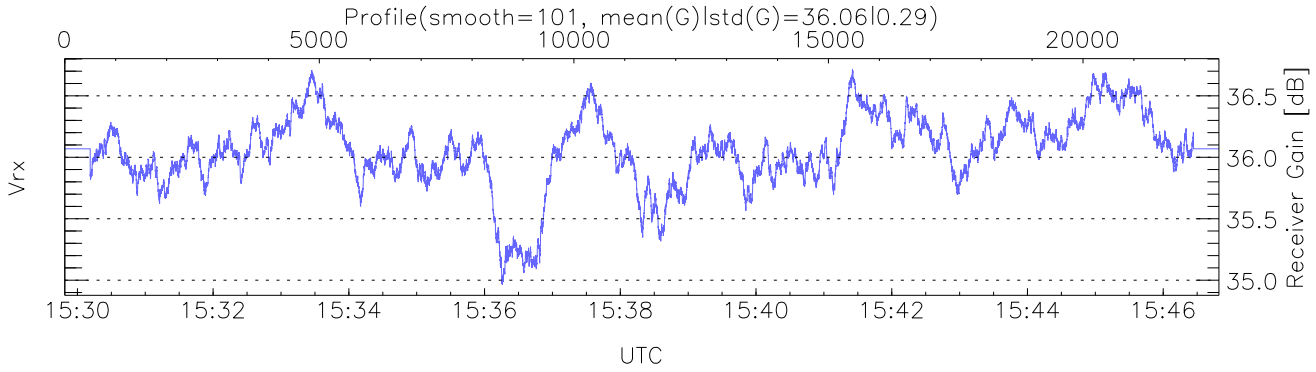
UTC: 15:29:49-15:46:49, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/15:29:49-15:46:49
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

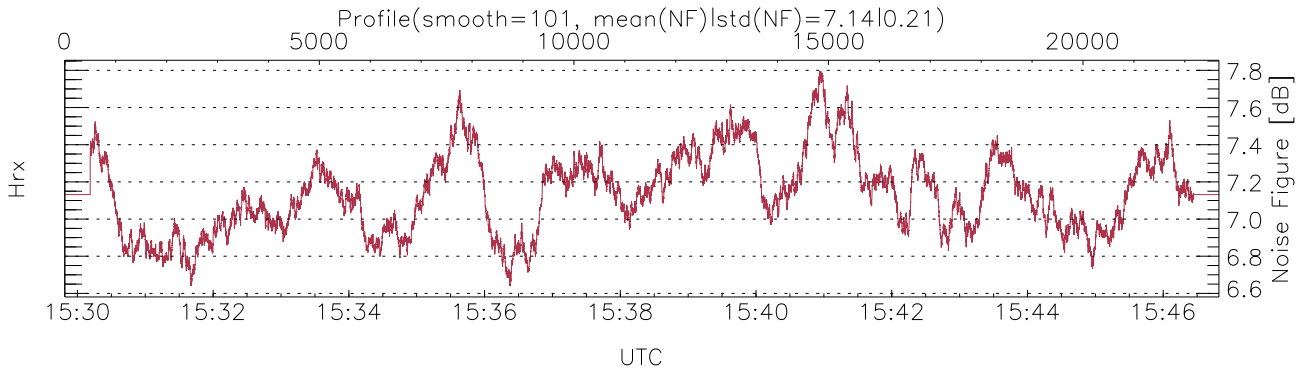


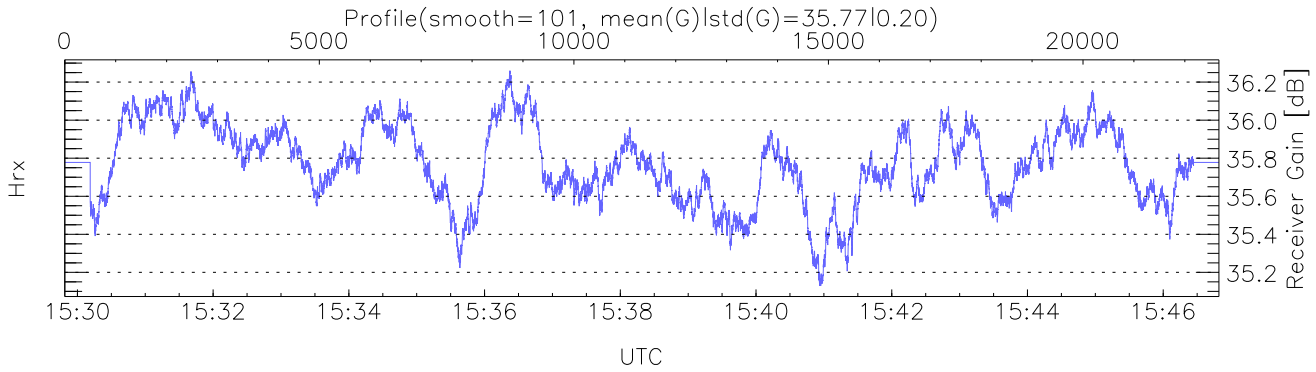
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,26,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,27,27
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckF (22)



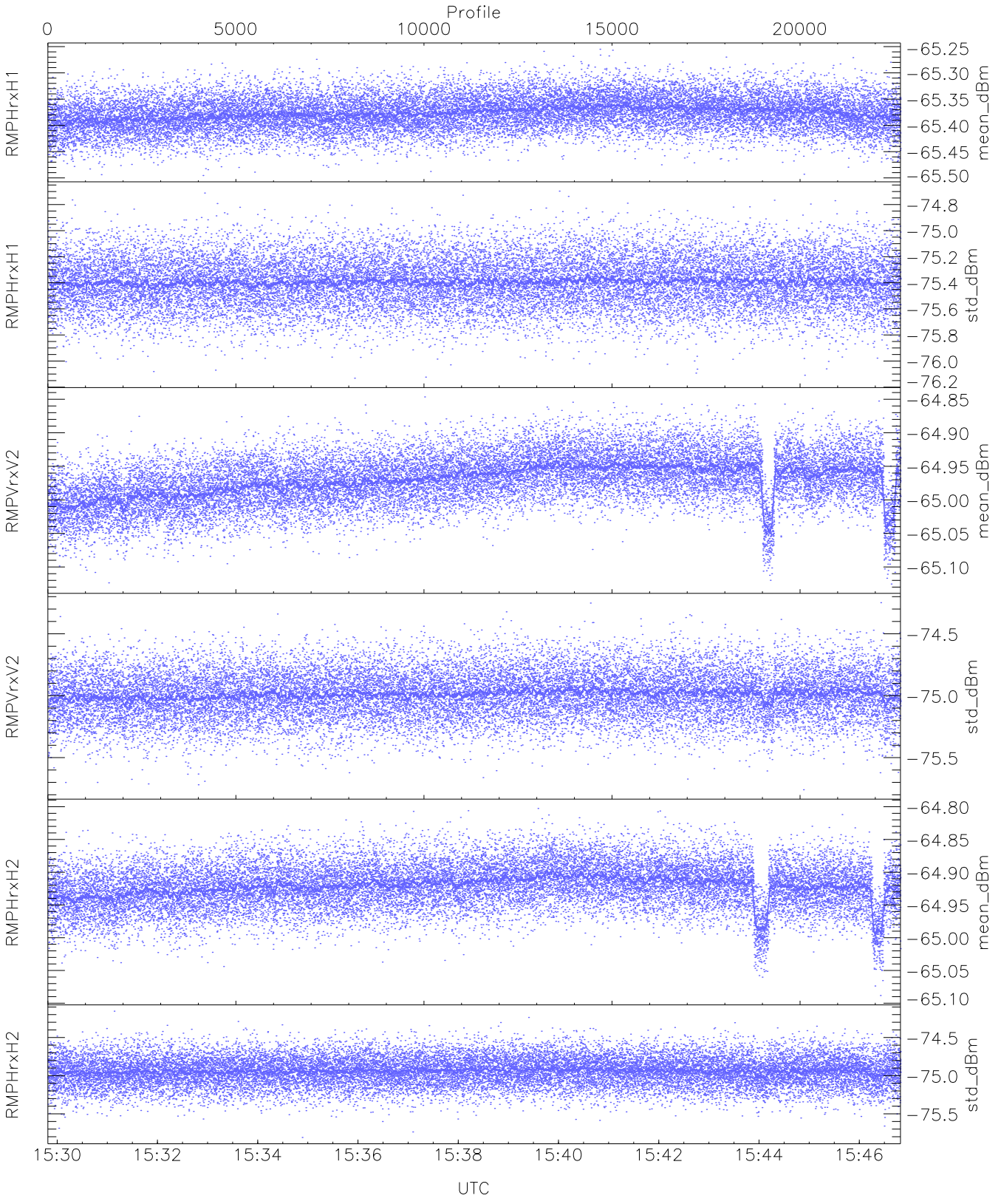






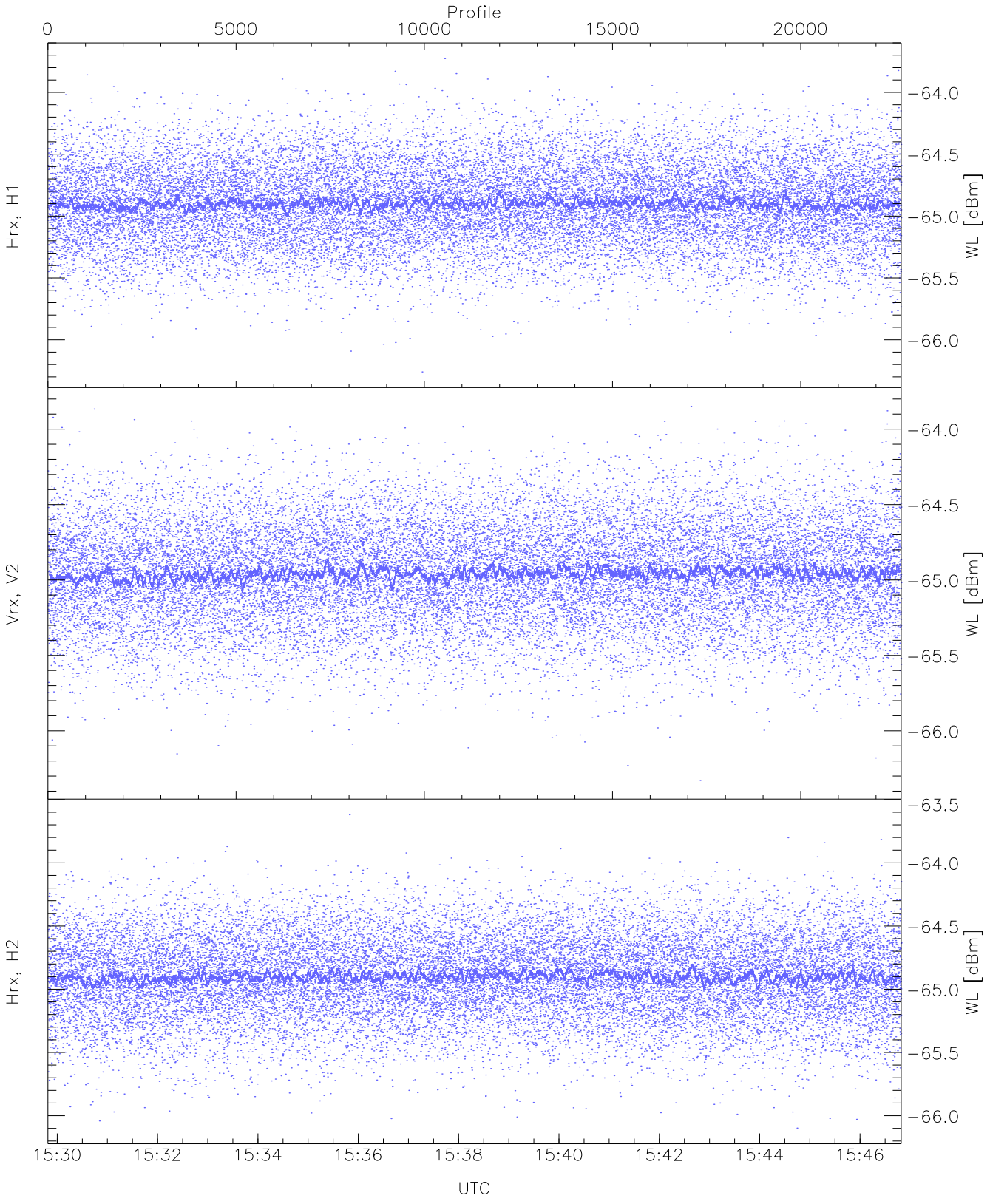
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 239 pixs, 1 gates, 239 profs, 1 prod(s)



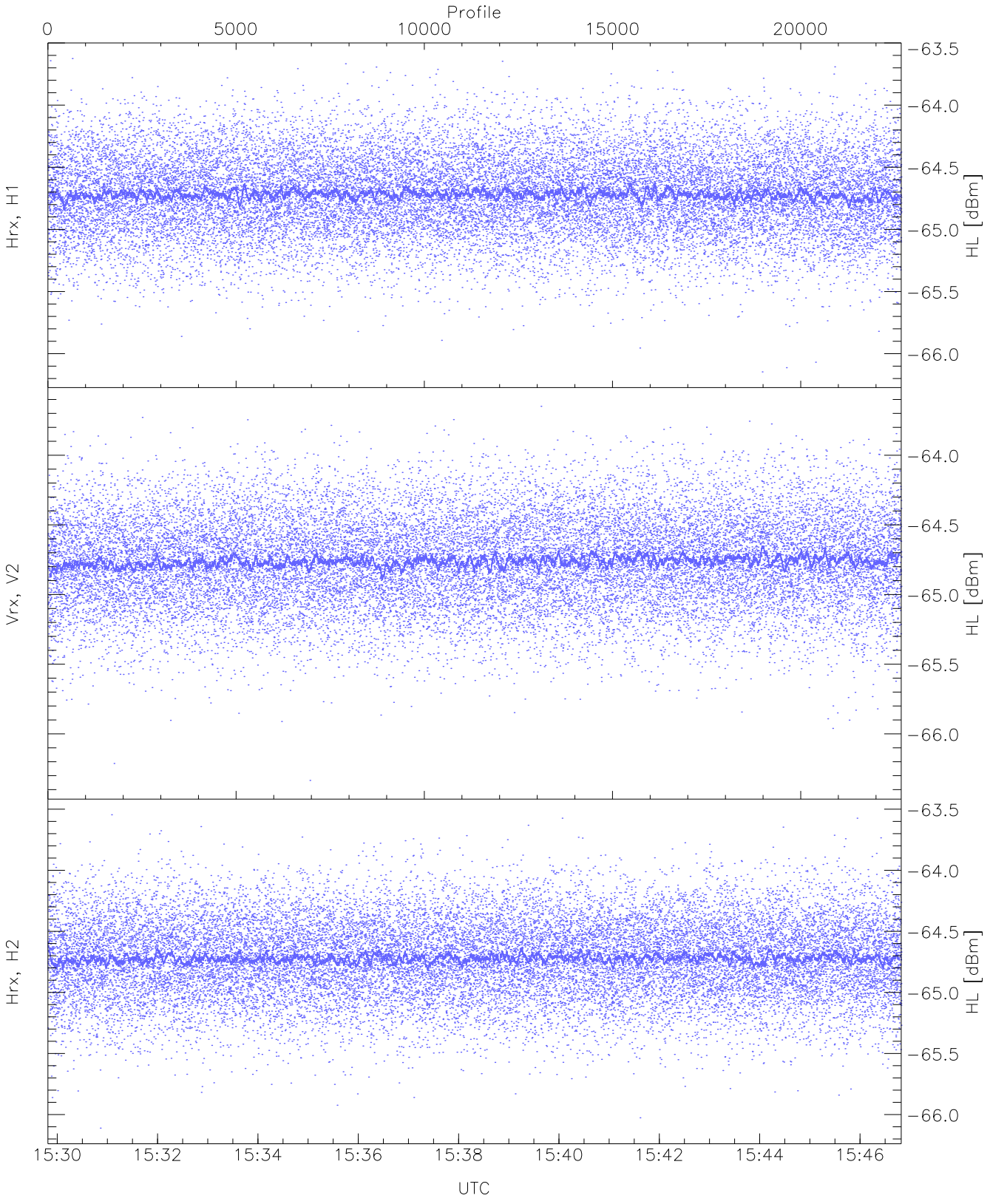
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.26	-65.38	-65.38	-86.83
RMPHrxH1(std_dBm)	-76.13	-74.70	-75.39	-75.40	-89.18
RMPVrxV2(mean_dBm)	-65.13	-64.85	-64.97	-64.97	-85.69
RMPVrxV2(std_dBm)	-75.76	-74.25	-74.99	-74.99	-88.77
RMPHrxH2(mean_dBm)	-65.09	-64.80	-64.92	-64.92	-86.07
RMPHrxH2(std_dBm)	-75.81	-74.15	-74.94	-74.94	-88.68



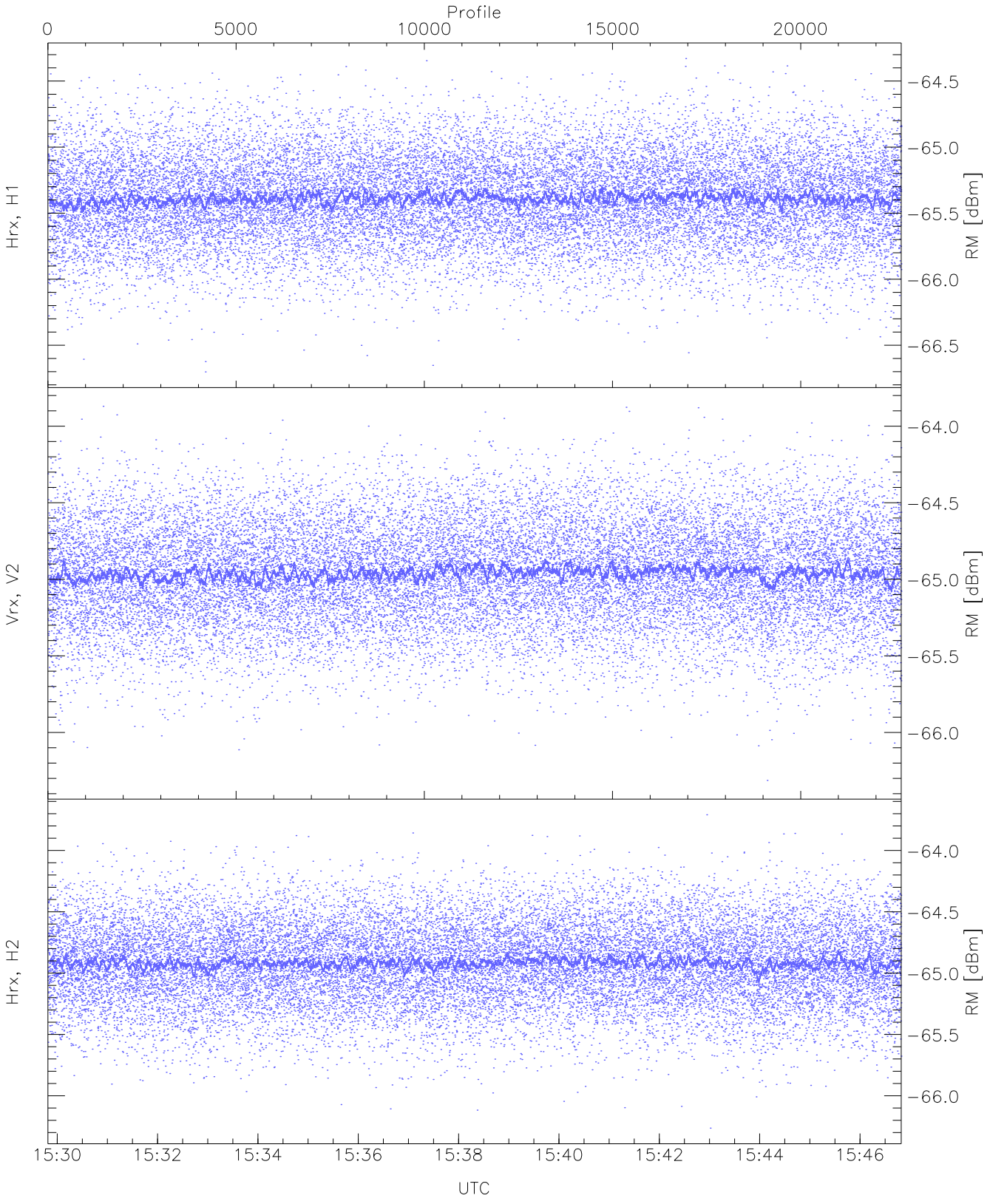
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.26	-63.73	-64.89	-64.90	-76.43
Vrx, V2(WL [dBm])	-66.33	-63.85	-64.95	-64.96	-76.47
Hrx, H2(WL [dBm])	-66.10	-63.62	-64.90	-64.90	-76.44



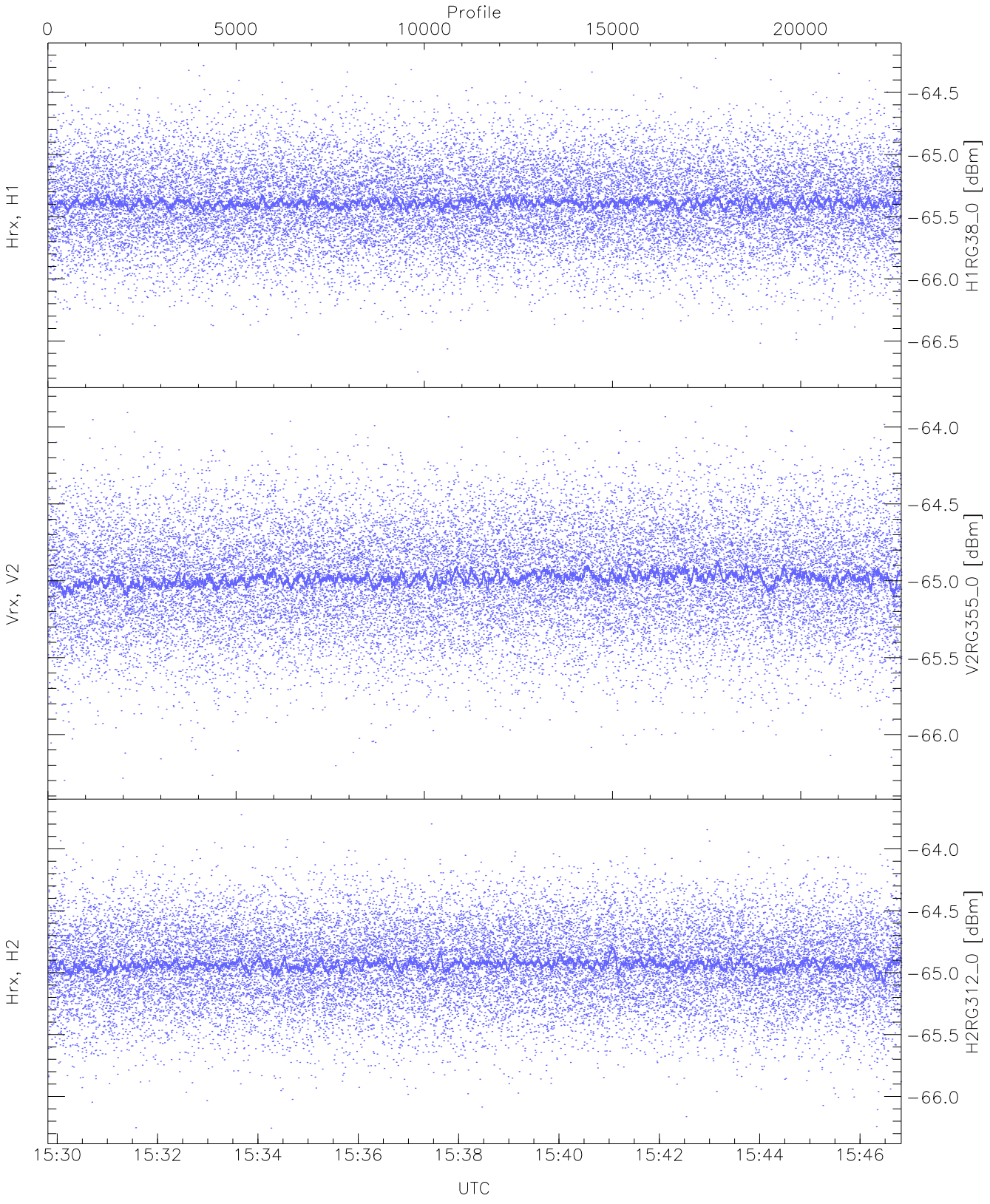
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.15	-63.63	-64.71	-64.72	-76.21
Vrx, V2(HL [dBm])	-66.33	-63.65	-64.75	-64.76	-76.27
Hrx, H2(HL [dBm])	-66.11	-63.55	-64.71	-64.72	-76.21



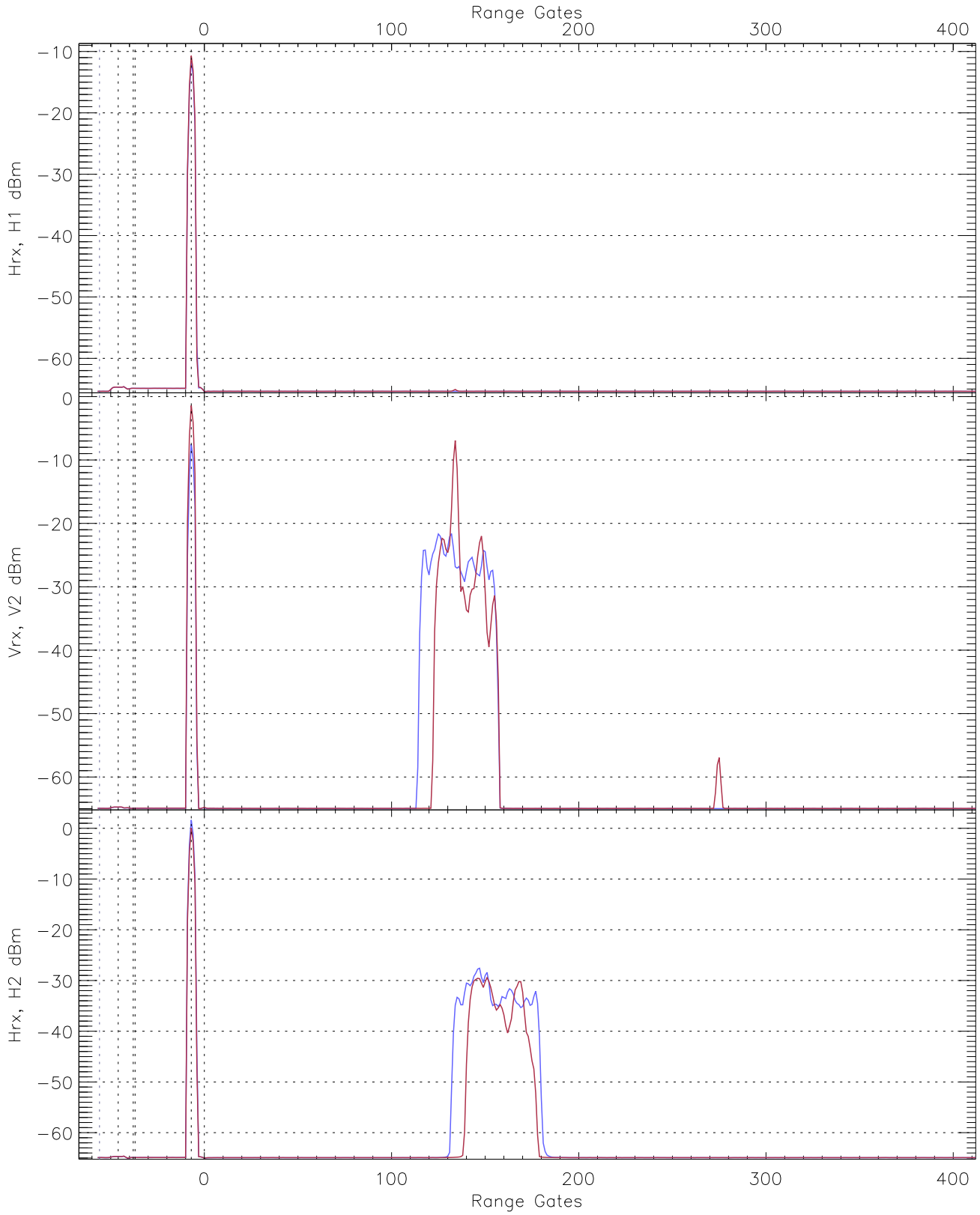
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.70	-64.33	-65.38	-65.39	-76.89
Vrx, V2(RM [dBm])	-66.31	-63.87	-64.95	-64.96	-76.48
Hrx, H2(RM [dBm])	-66.26	-63.71	-64.91	-64.92	-76.40

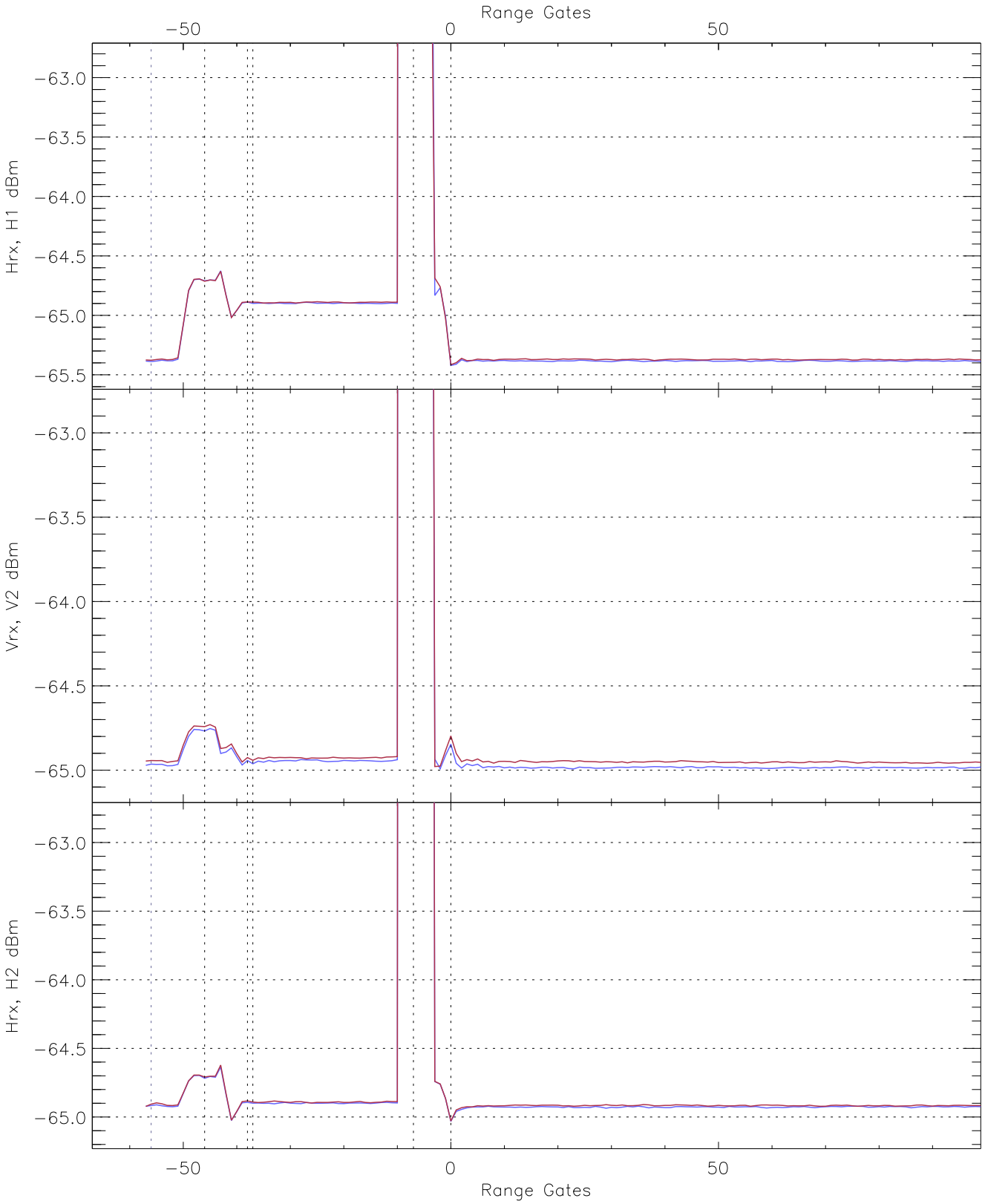


WCR3 CPP "Best" estimate Receivers Noise Power

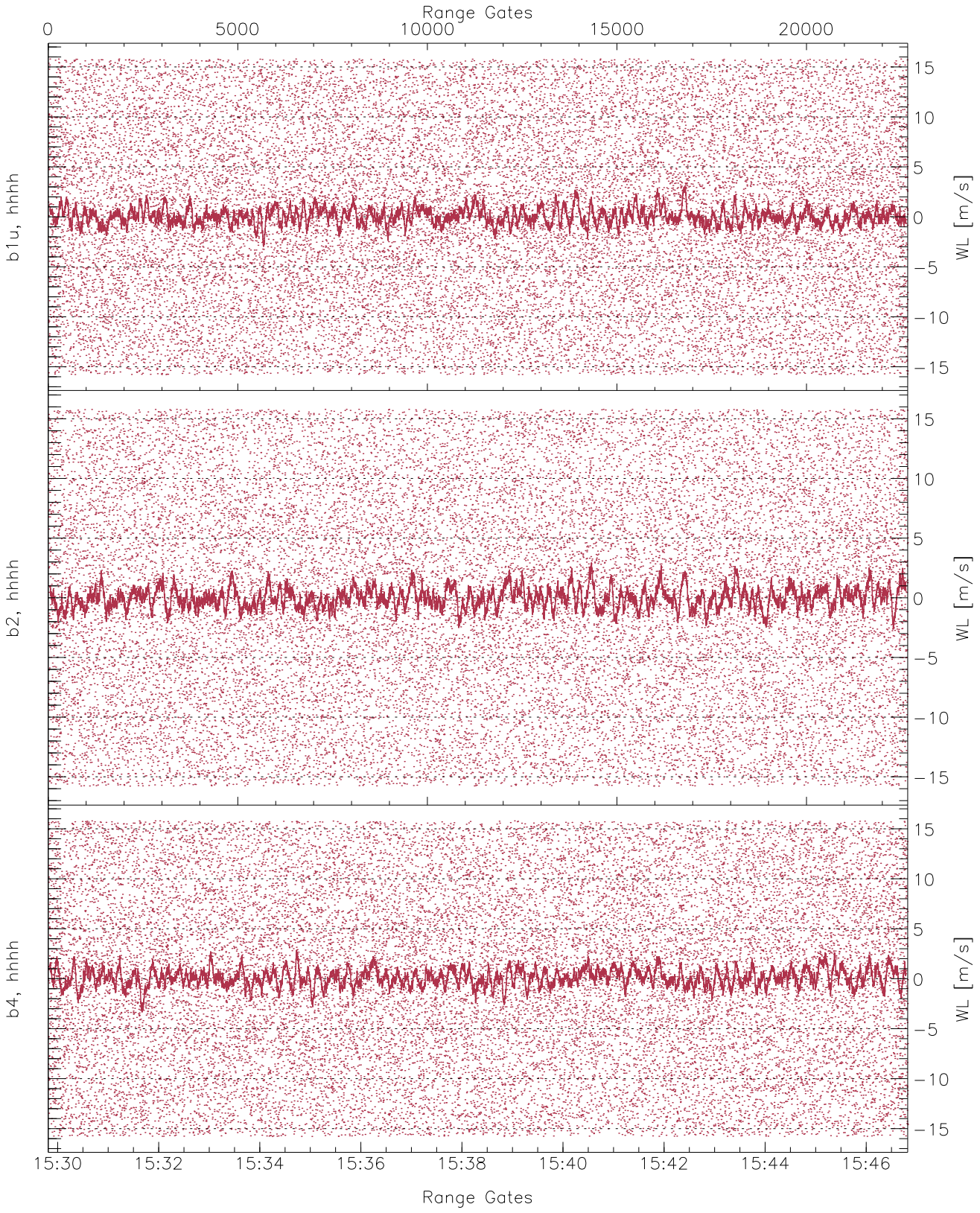
	Min	Max	Mean	Median	StDev
H1RG38_0 [dBm]	-66.75	-64.23	-65.38	-65.39	-76.88
V2RG355_0 [dBm]	-66.30	-63.86	-64.98	-64.98	-76.46
H2RG312_0 [dBm]	-66.26	-63.72	-64.93	-64.94	-76.43



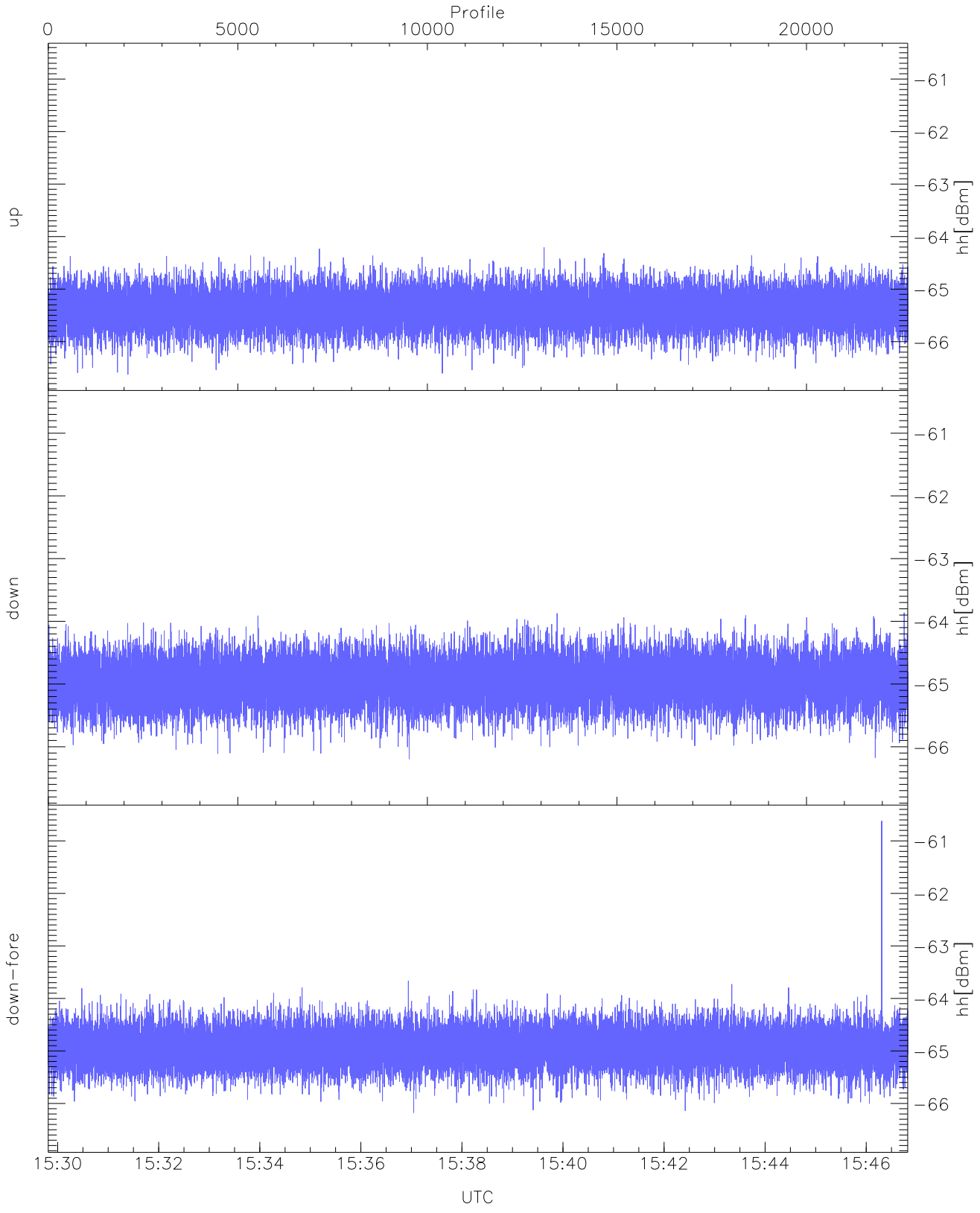
WCR3 CPP Averaged Received power for all recorded gates
blue: 152949-153819, 11337 profiles averaged
red: 153819-154649, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 152949-153819, 11337 profiles averaged
red: 153819-154649, 11336 profiles averaged

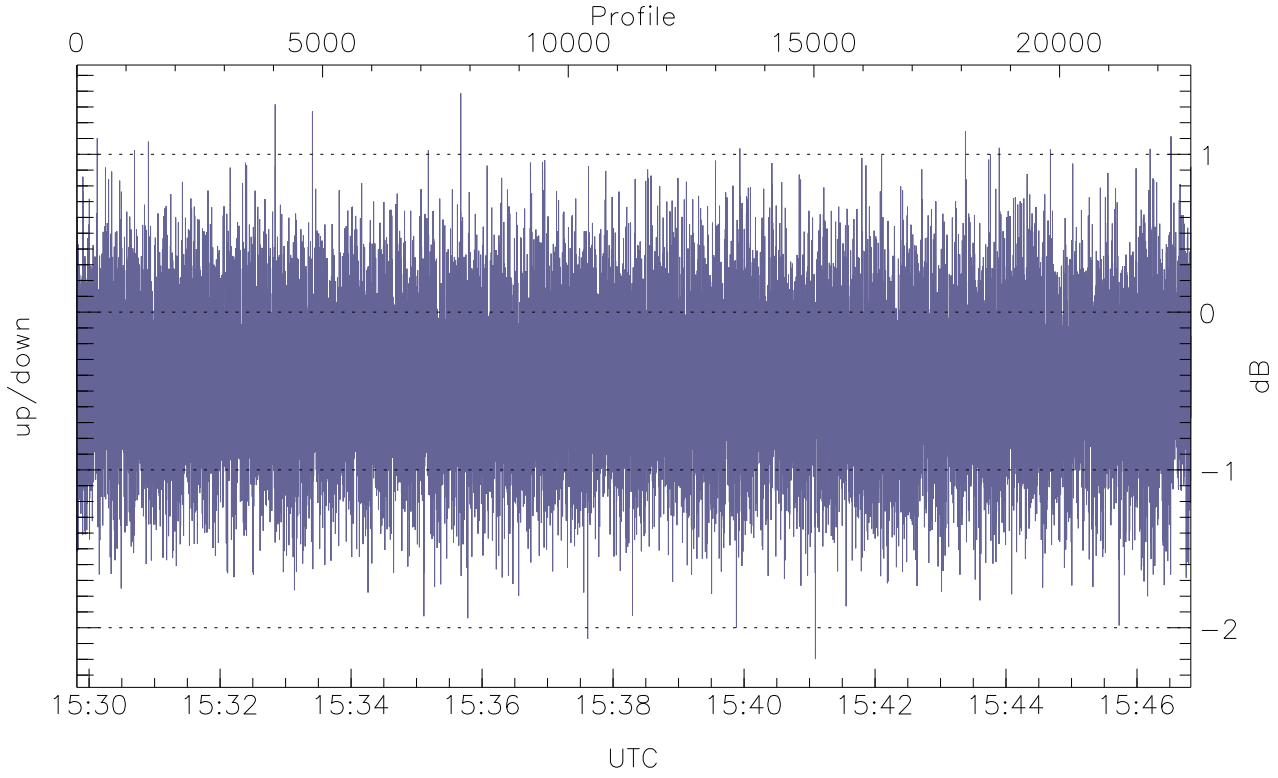


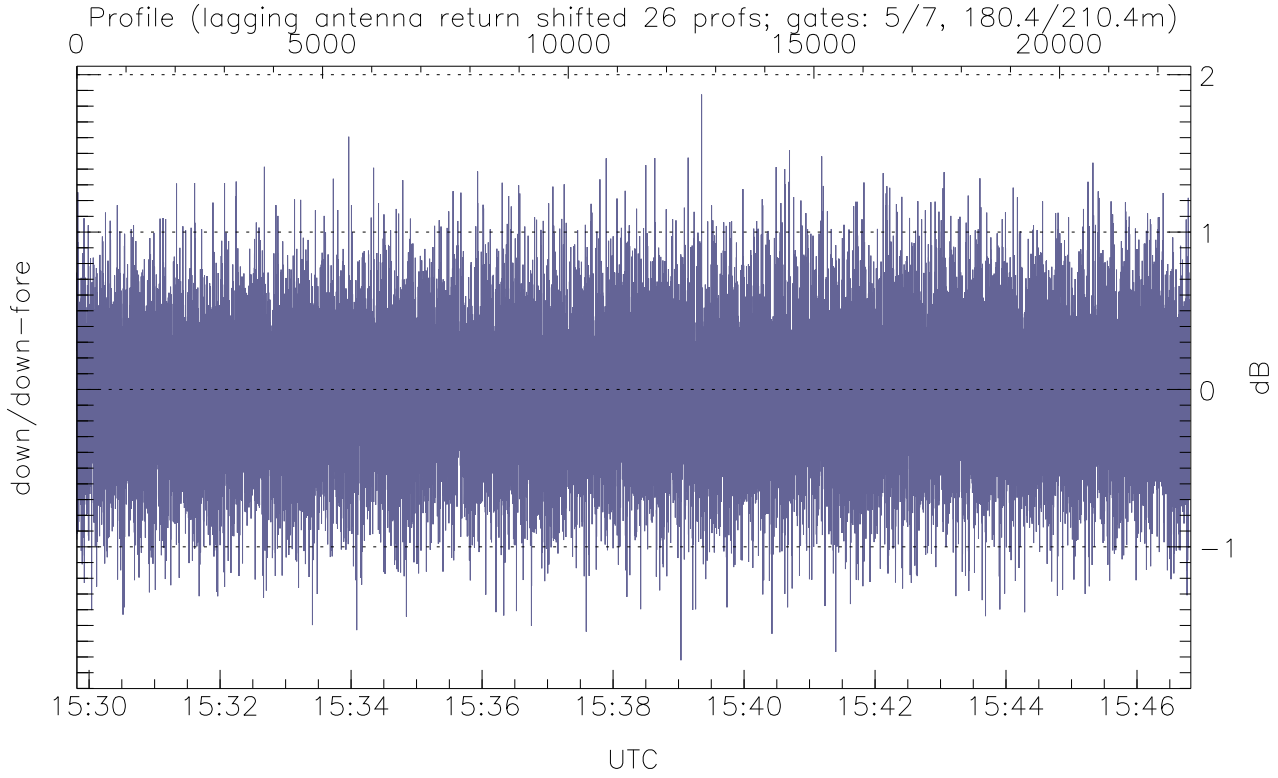
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

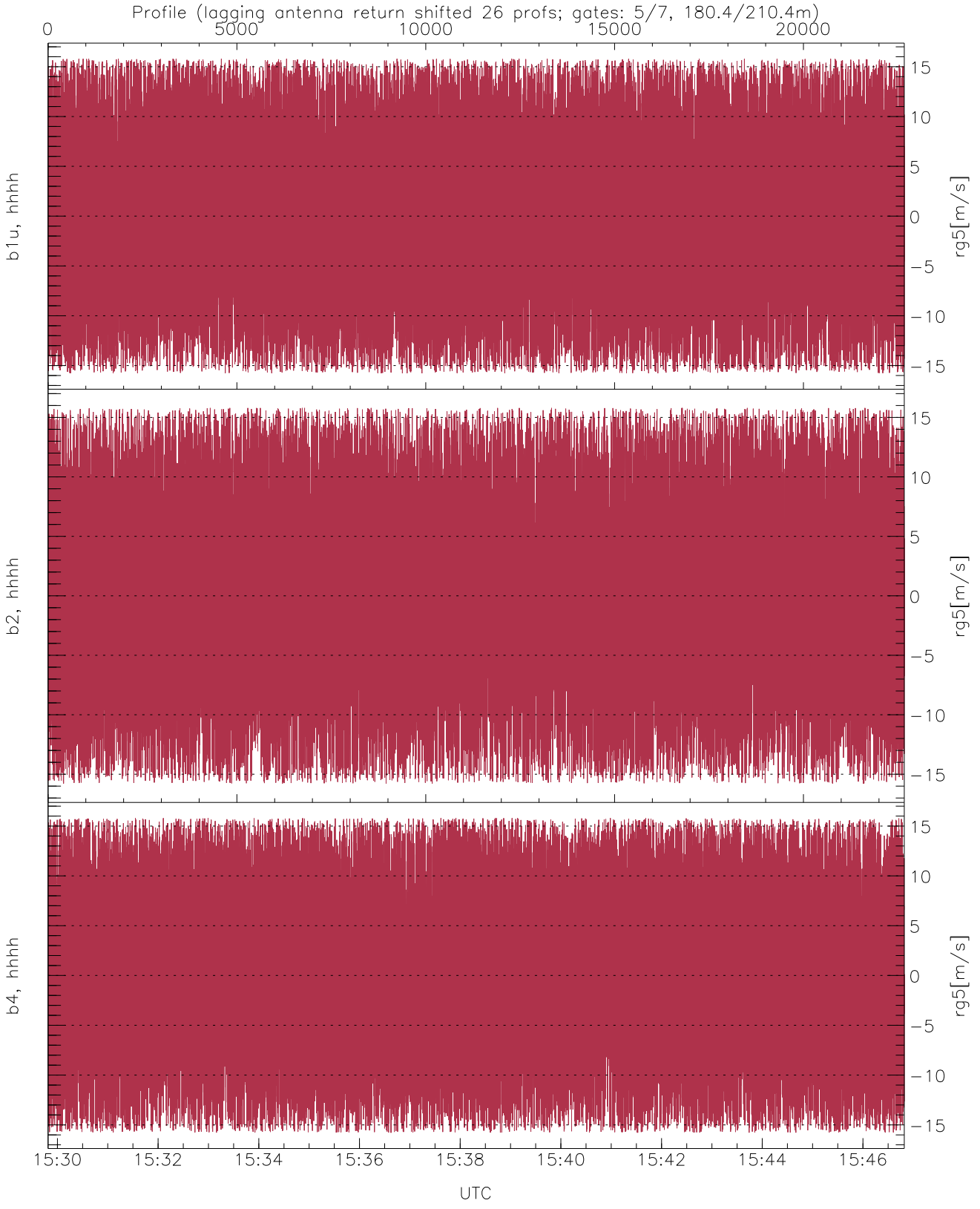
	Min	Max	Mean
up(hh[dBm])	-66.63	-64.21	-65.37
down(hh[dBm])	-66.20	-63.86	-64.95
down-fore(hh[dBm])	-66.18	-60.62	-64.92





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

	Min	Max	Mean
up/down(dB)	-2.20	1.39	-0.42
down/down-fore(dB)	-1.72	1.87	-0.03



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.02	8.73
b2, hhhh(rg5[m/s])	-15.78	15.79	0.05	8.29
b4, hhhh(rg5[m/s])	-15.79	15.79	0.06	8.85