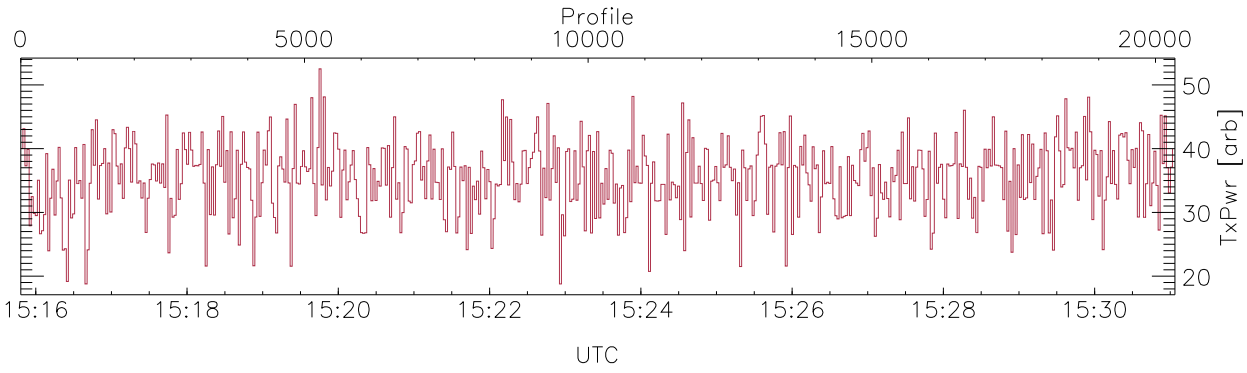
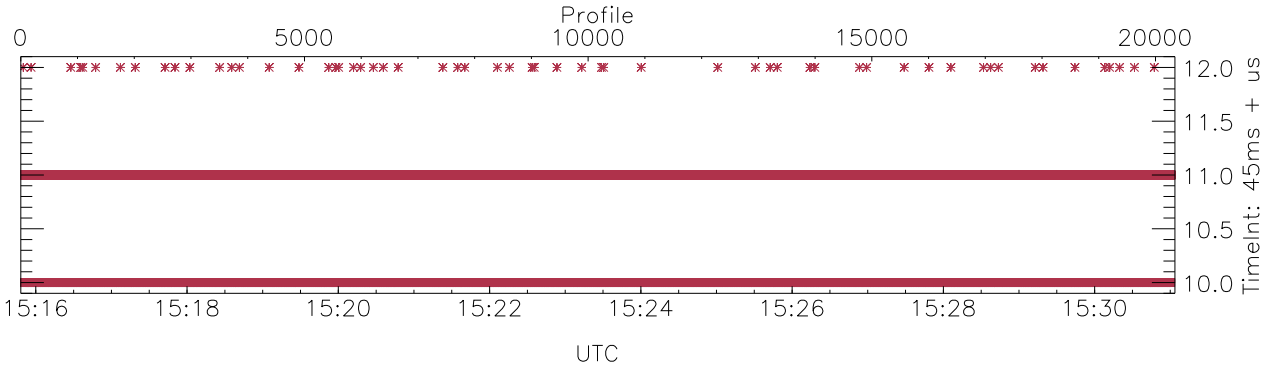
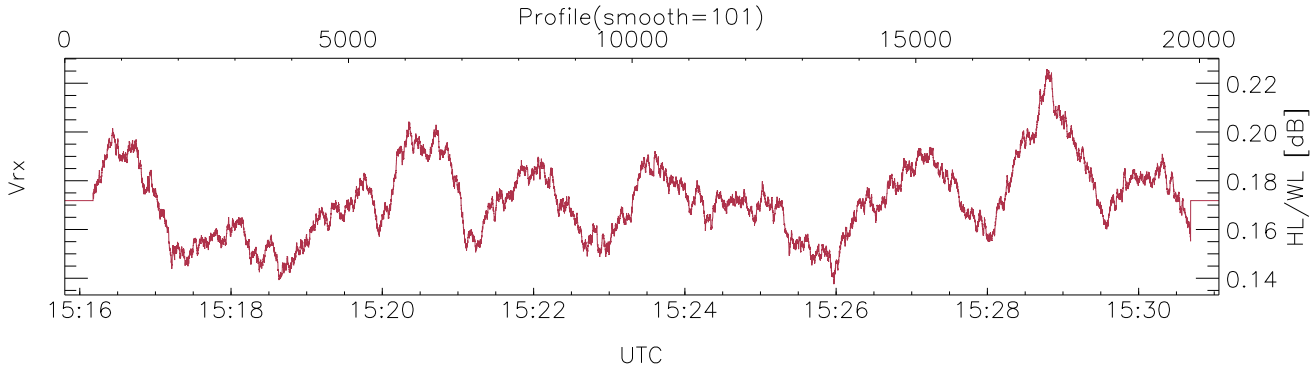
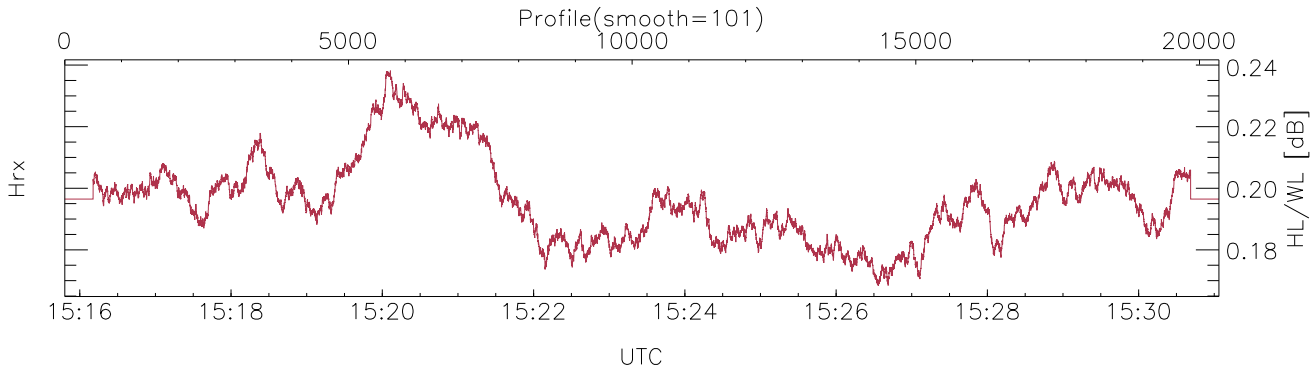


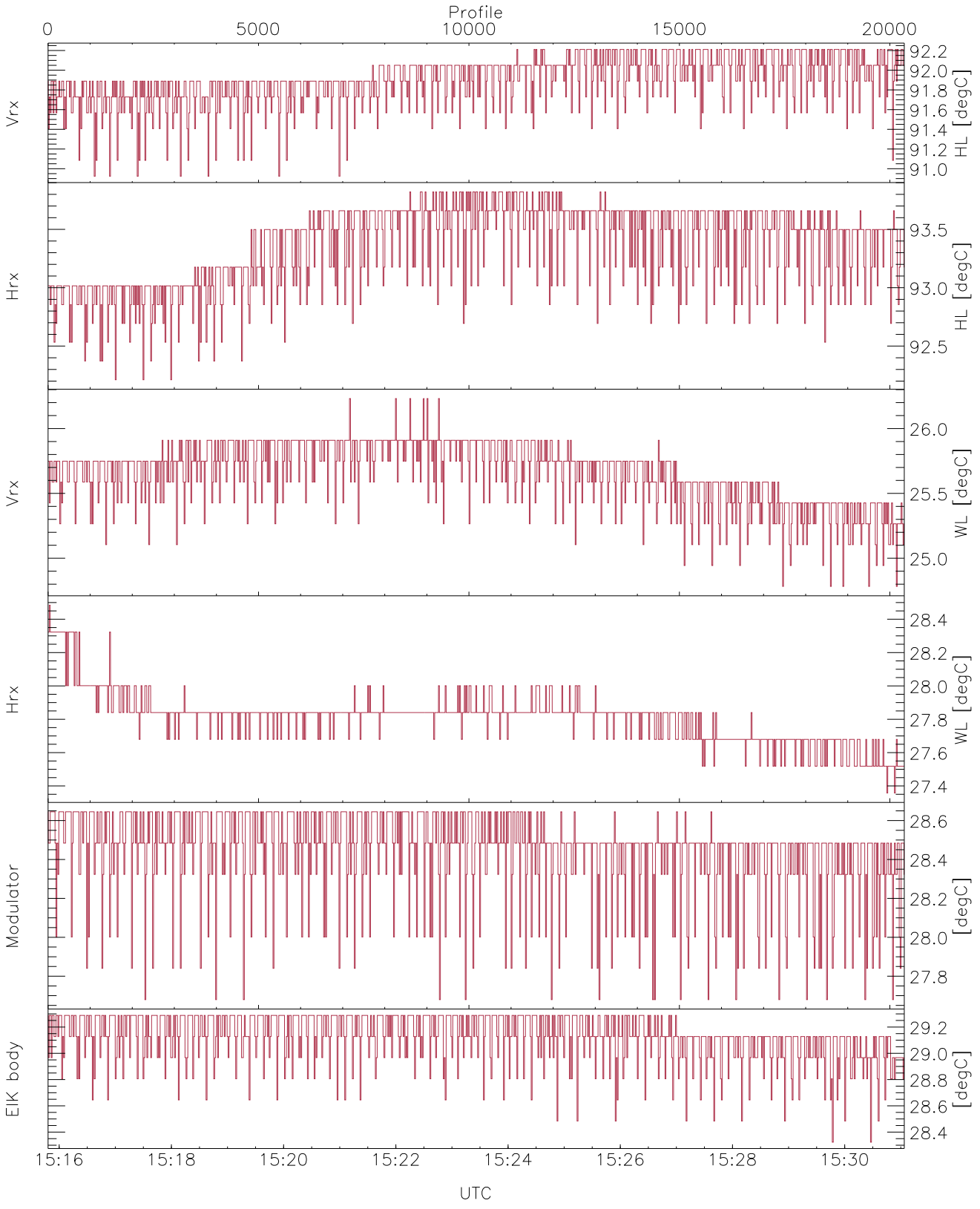






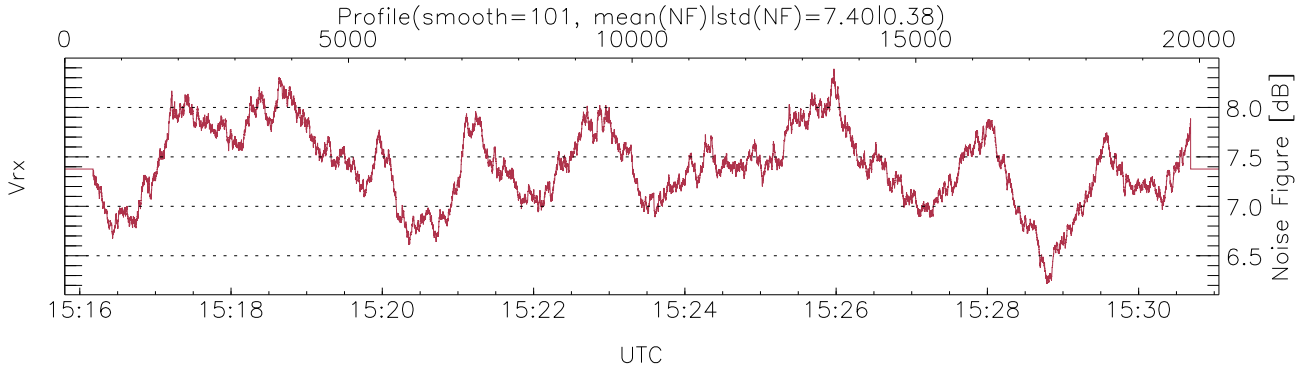
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

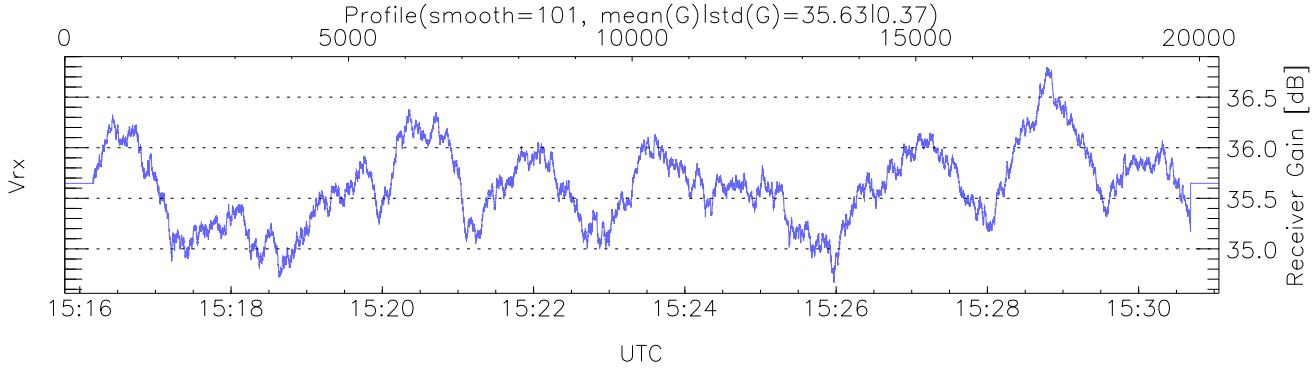
UTC: 15:15:48-15:31:04, TimeCor: 0.00s, Dur: 915.66s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 20344/20344, 0-20343/15:15:48-15:31:04
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

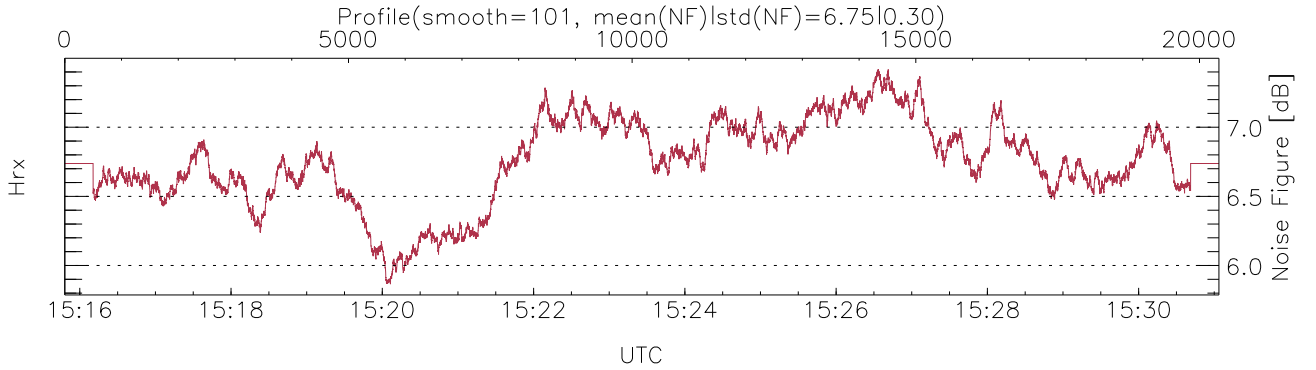


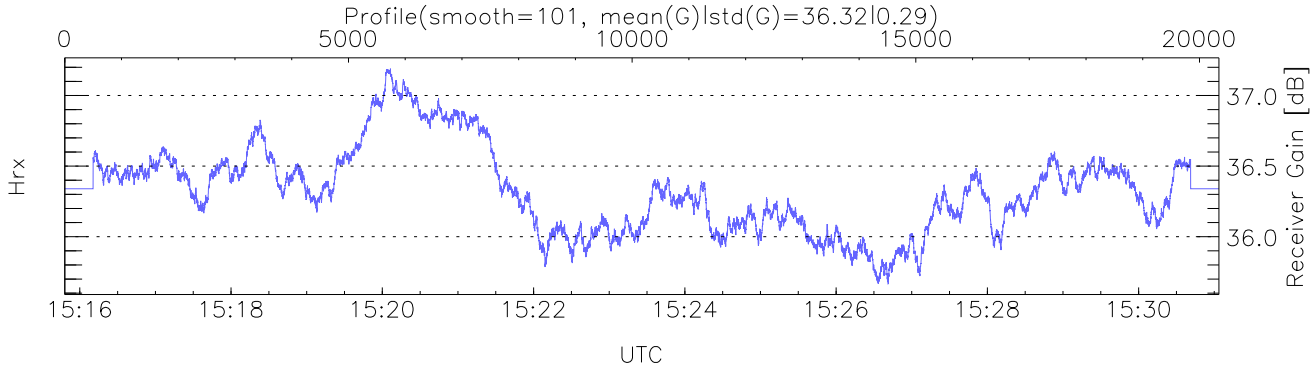
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,27,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,28,29
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK/Modulator Faults: None



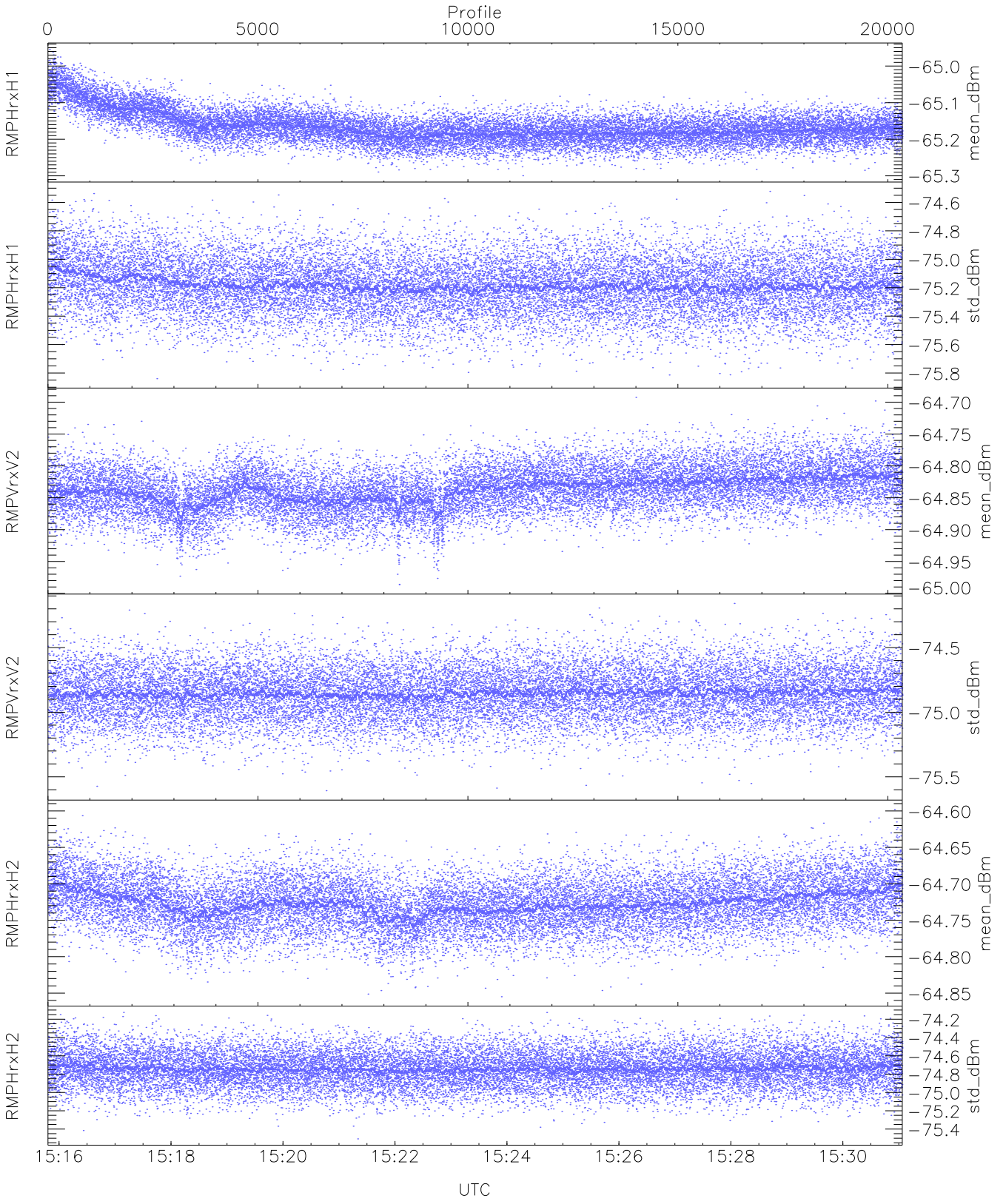






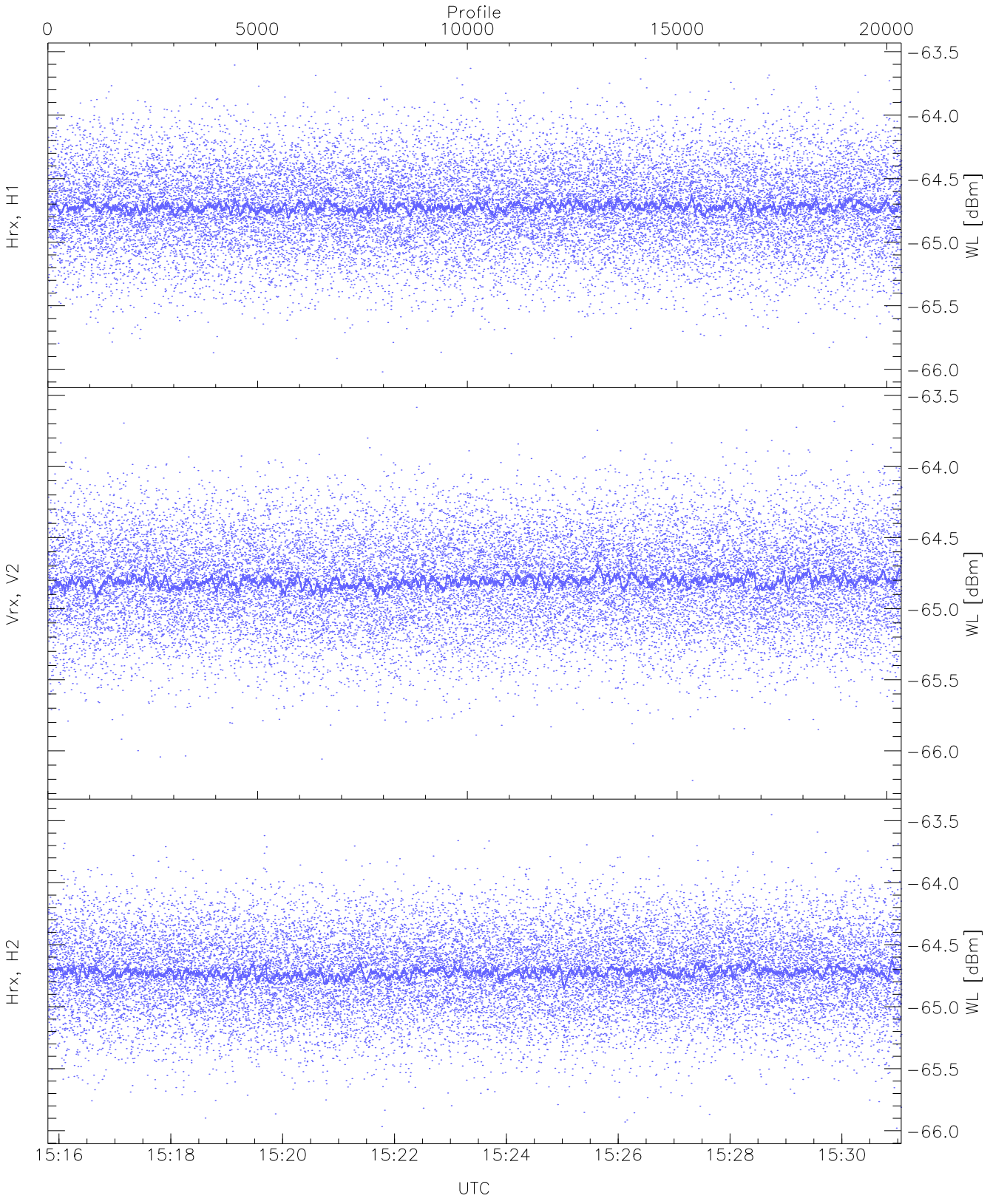
WCR3 CPP Receivers Gain and Noise Figure

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



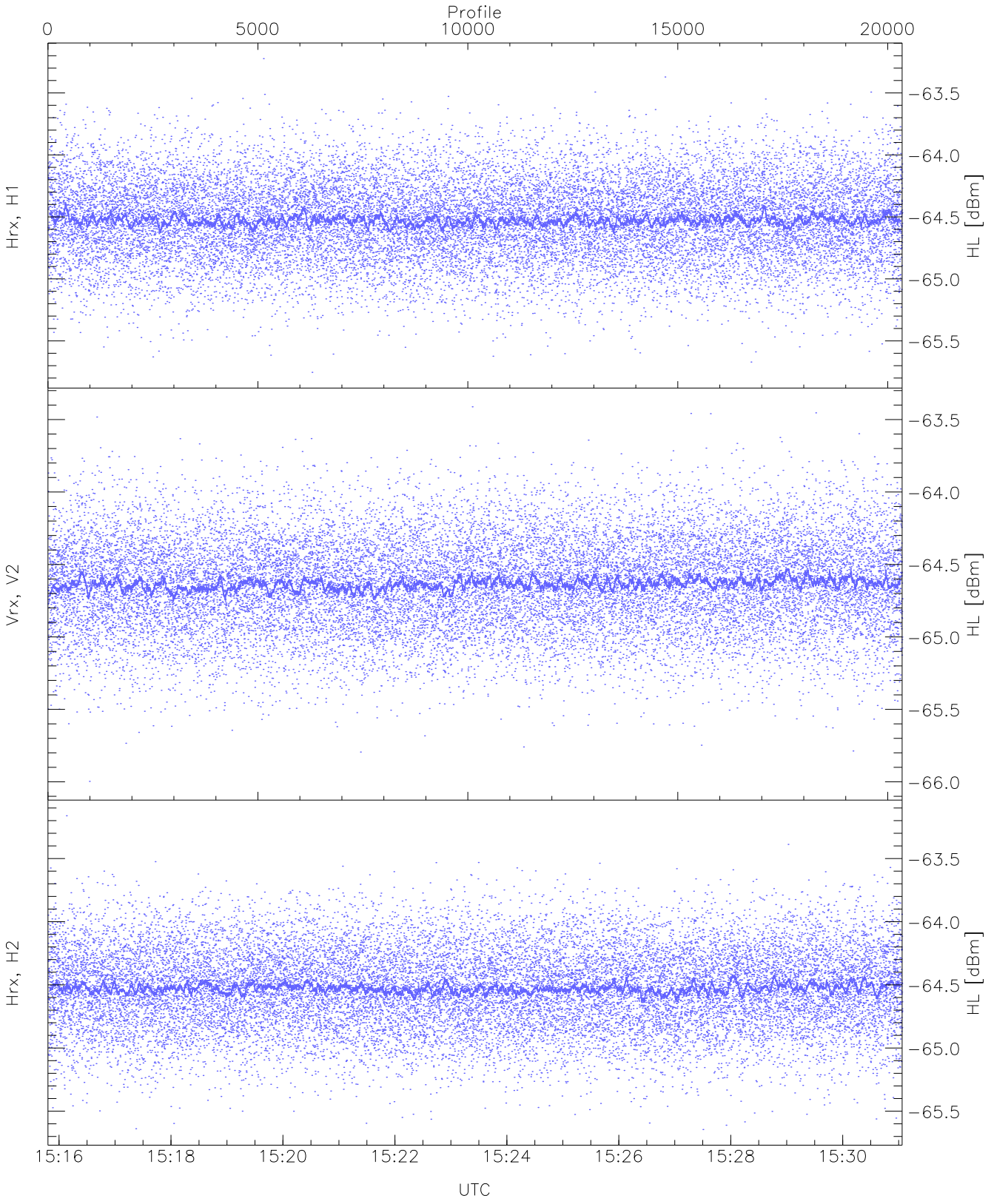
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.30	-64.95	-65.17	-65.17	-85.13
RMPHrxH1(std_dBm)	-75.84	-74.52	-75.18	-75.18	-88.93
RMPVrxV2(mean_dBm)	-64.99	-64.69	-64.84	-64.84	-85.93
RMPVrxV2(std_dBm)	-75.61	-74.16	-74.85	-74.86	-88.62
RMPHrxH2(mean_dBm)	-64.85	-64.60	-64.73	-64.73	-86.06
RMPHrxH2(std_dBm)	-75.51	-74.13	-74.74	-74.74	-88.56



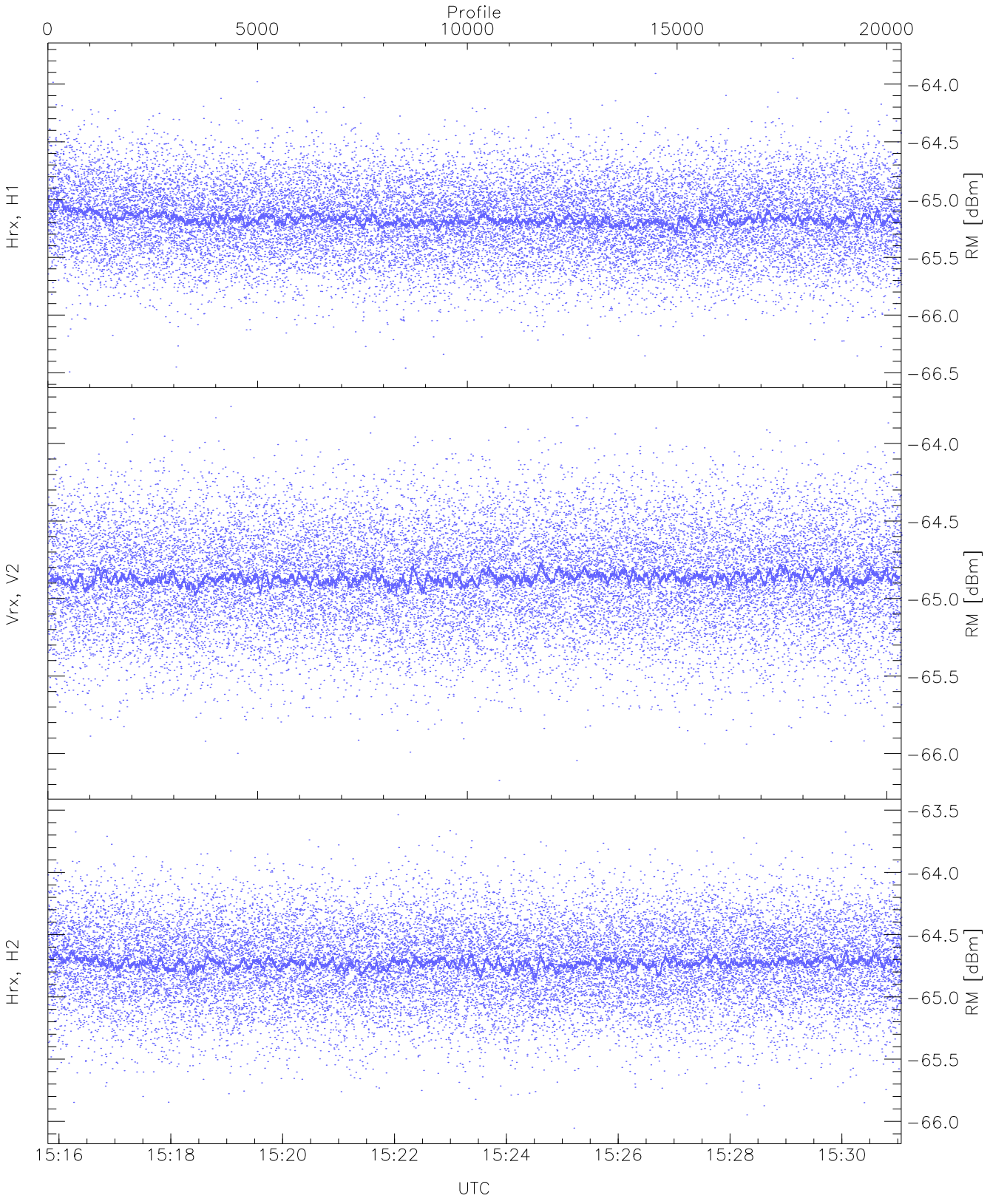
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.02	-63.55	-64.71	-64.72	-76.17
Vrx, V2(WL [dBm])	-66.21	-63.58	-64.80	-64.81	-76.31
Hrx, H2(WL [dBm])	-65.98	-63.45	-64.72	-64.72	-76.22



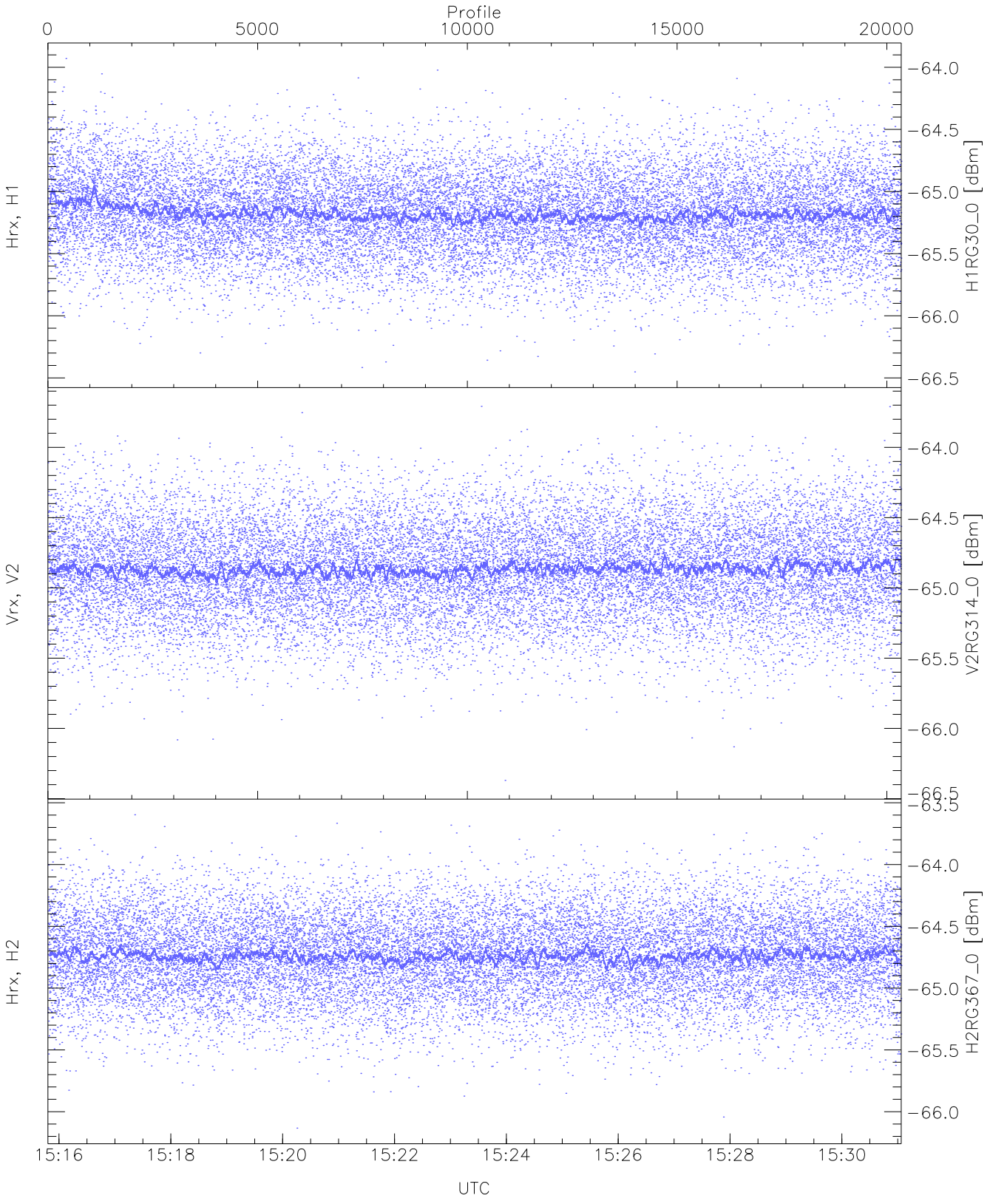
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.75	-63.22	-64.52	-64.52	-76.01
Vrx, V2(HL [dBm])	-66.00	-63.41	-64.63	-64.63	-76.16
Hrx, H2(HL [dBm])	-65.64	-63.16	-64.52	-64.53	-76.03



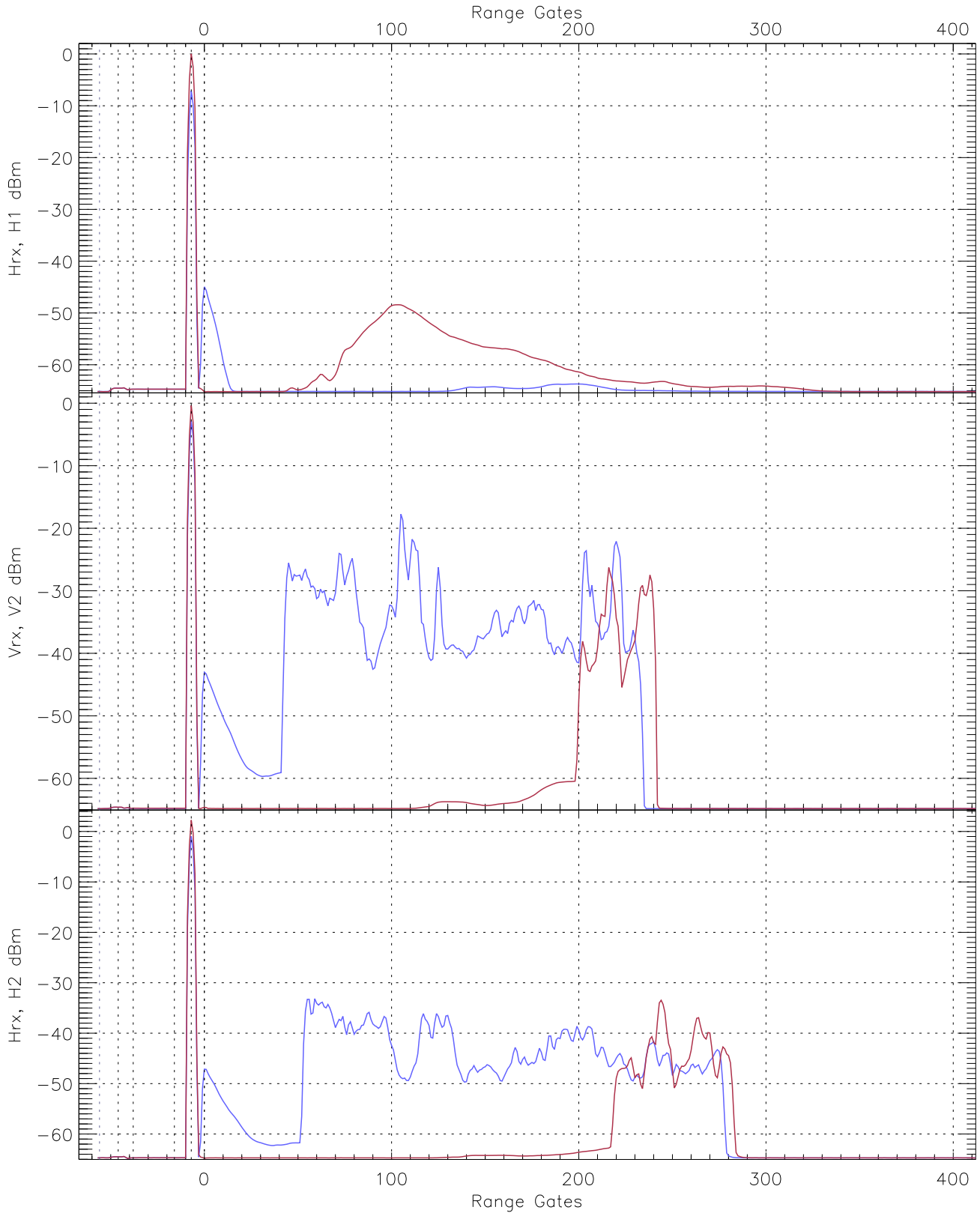
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.49	-63.78	-65.16	-65.17	-76.64
Vrx, V2(RM [dBm])	-66.17	-63.76	-64.86	-64.87	-76.39
Hrx, H2(RM [dBm])	-66.05	-63.54	-64.72	-64.73	-76.21

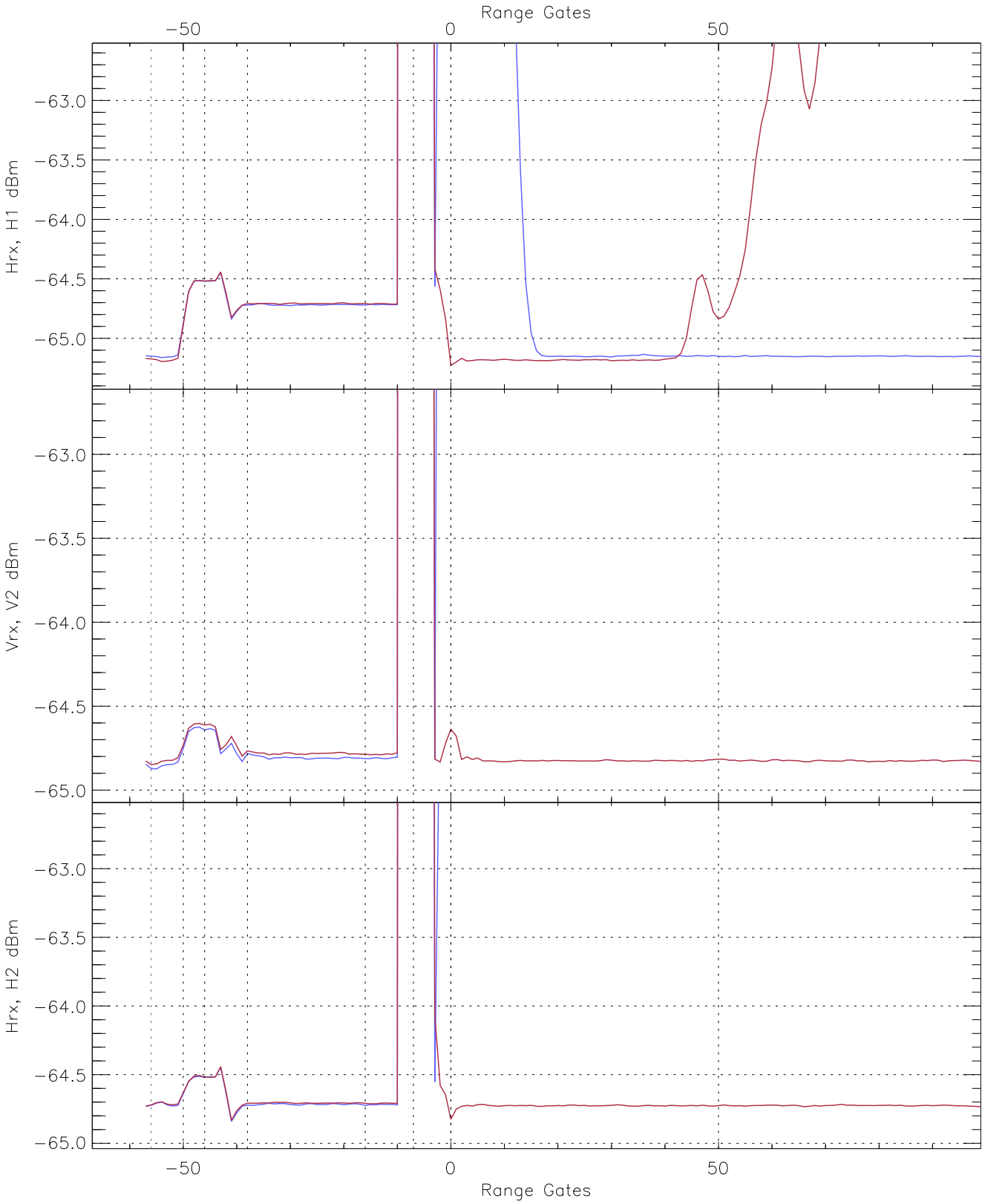


WCR3 CPP "Best" estimate Receivers Noise Power

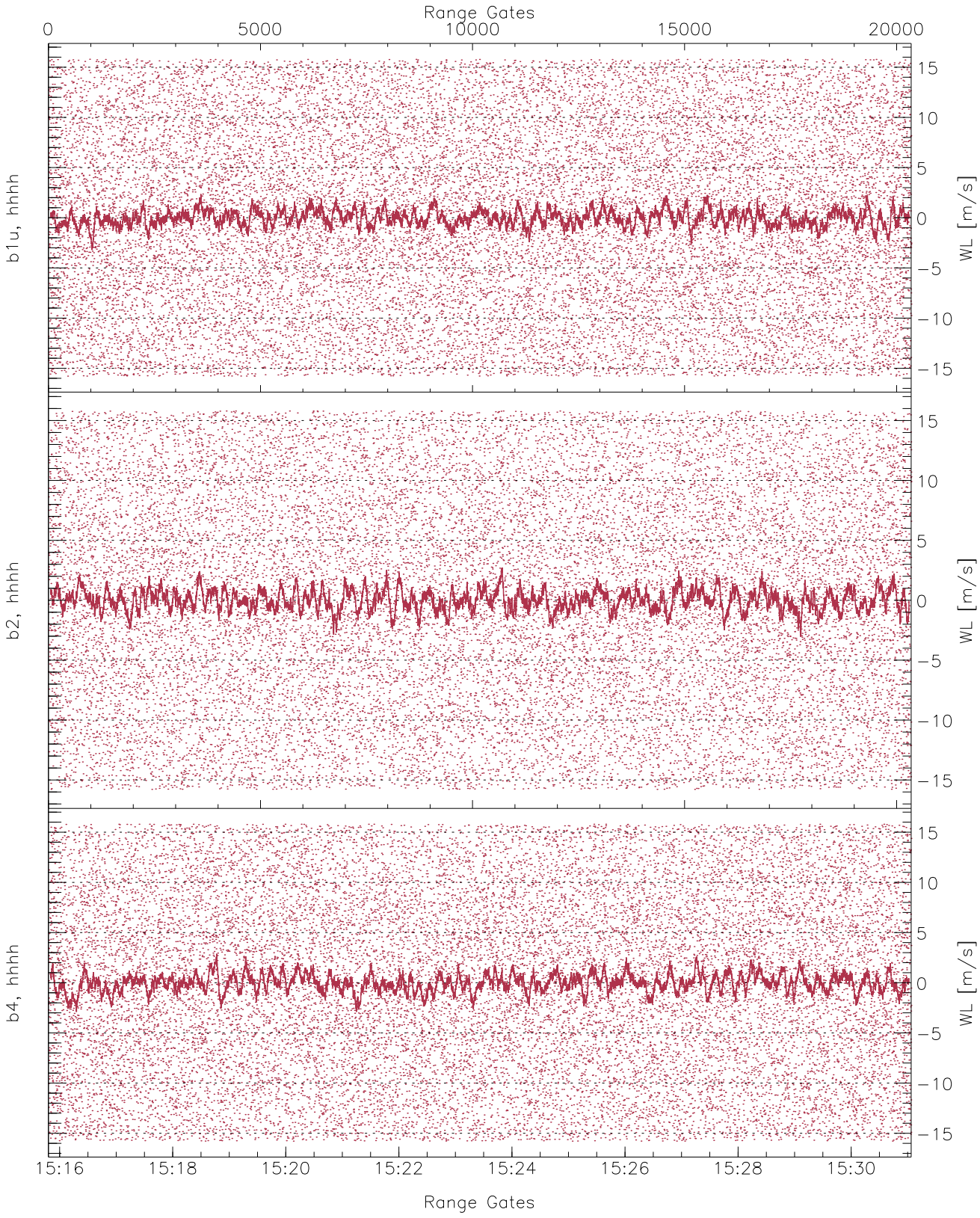
	Min	Max	Mean	Median	StDev
H1RG30_0 [dBm]	-66.45	-63.93	-65.17	-65.18	-76.67
V2RG314_0 [dBm]	-66.37	-63.71	-64.86	-64.87	-76.34
H2RG367_0 [dBm]	-66.13	-63.60	-64.73	-64.74	-76.26



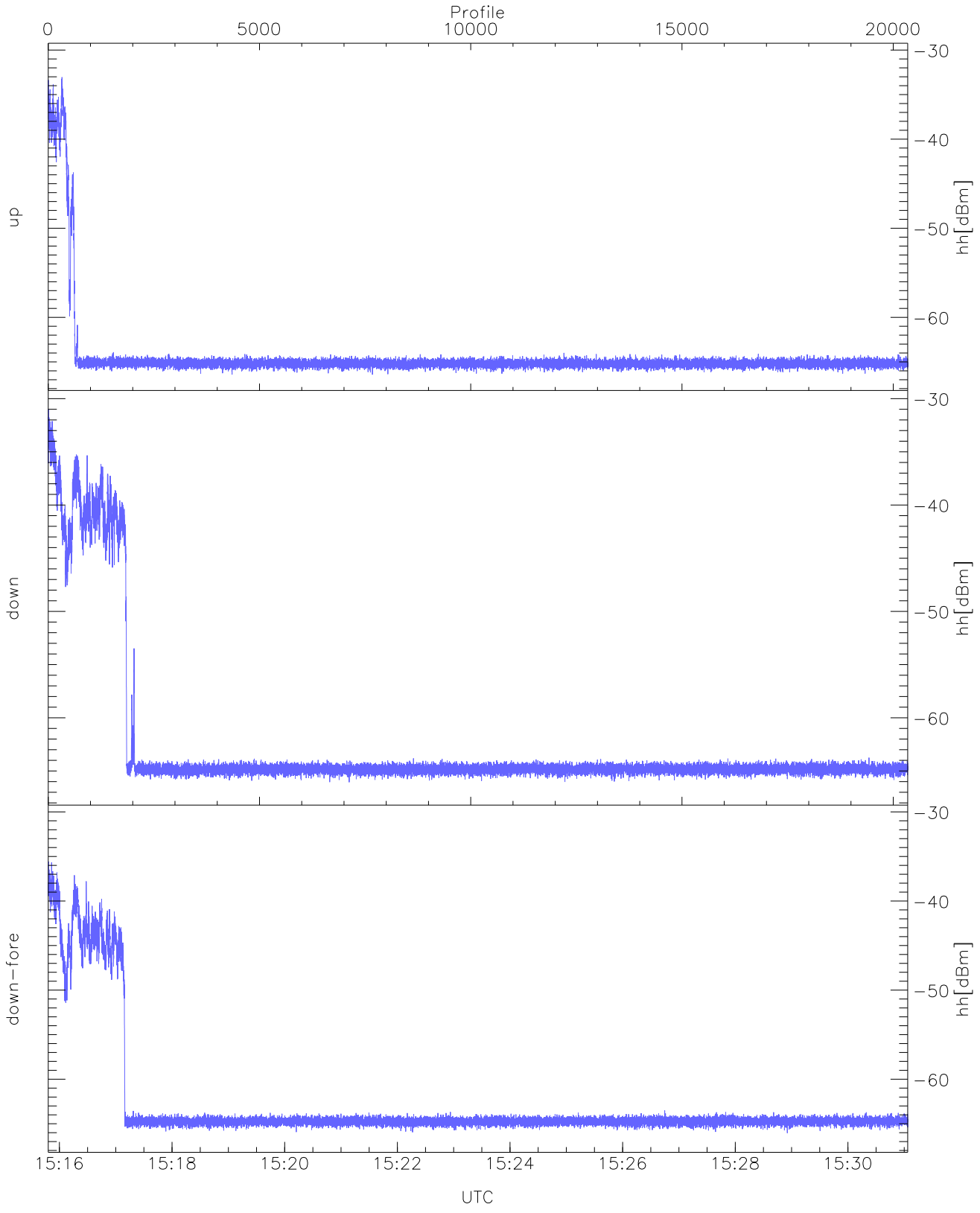
WCR3 CPP Averaged Received power for all recorded gates
blue: 151548-152326, 10173 profiles averaged
red: 152326-153104, 10172 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 151548-152326, 10173 profiles averaged
red: 152326-153104, 10172 profiles averaged

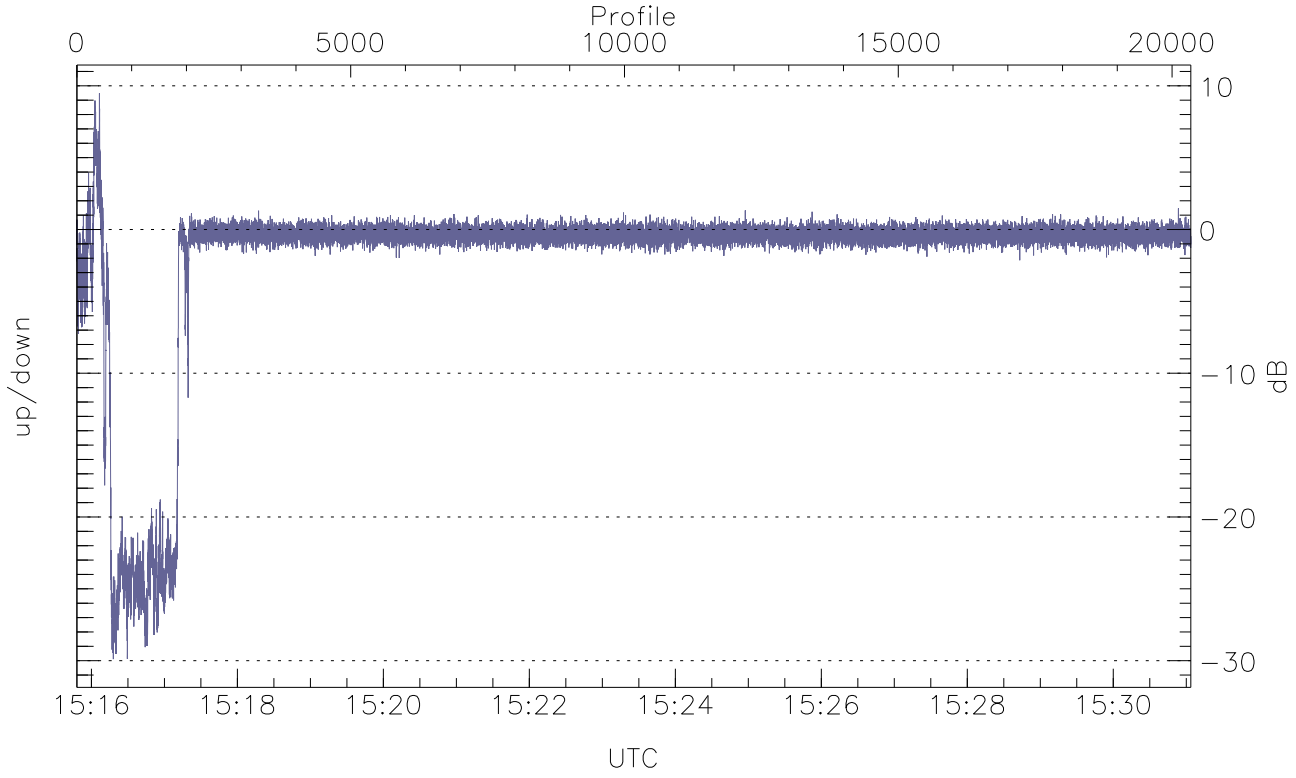


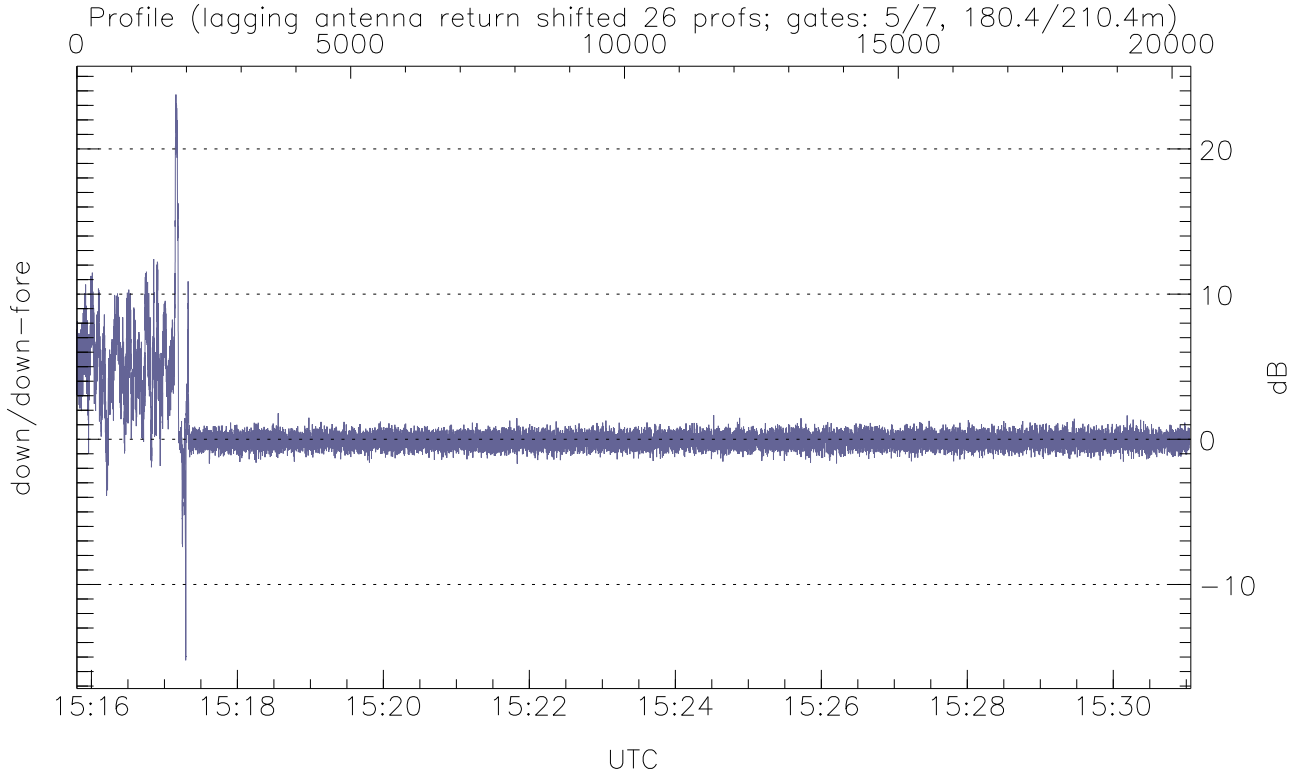
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

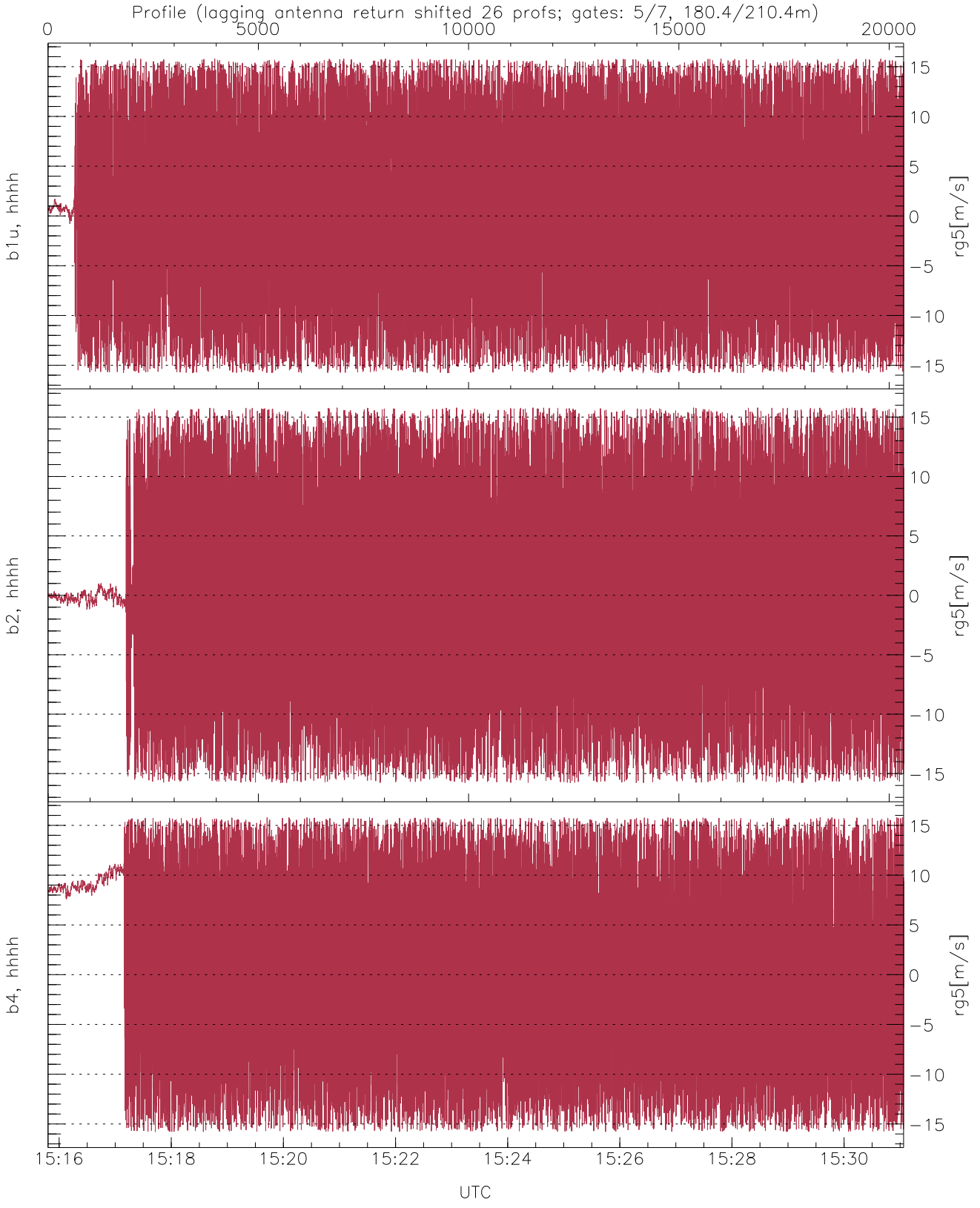
	Min	Max	Mean
up(hh[dBm])	-66.44	-33.04	-53.72
down(hh[dBm])	-66.06	-31.01	-49.37
down-fore(hh[dBm])	-66.04	-35.58	-52.80





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

	Min	Max	Mean
up/down(dB)	-29.89	9.48	-1.87
down/down-fore(dB)	-15.22	23.75	0.42



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	8.55
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.02	8.21
b4, hhhh(rg5[m/s])	-15.79	15.79	0.90	8.72