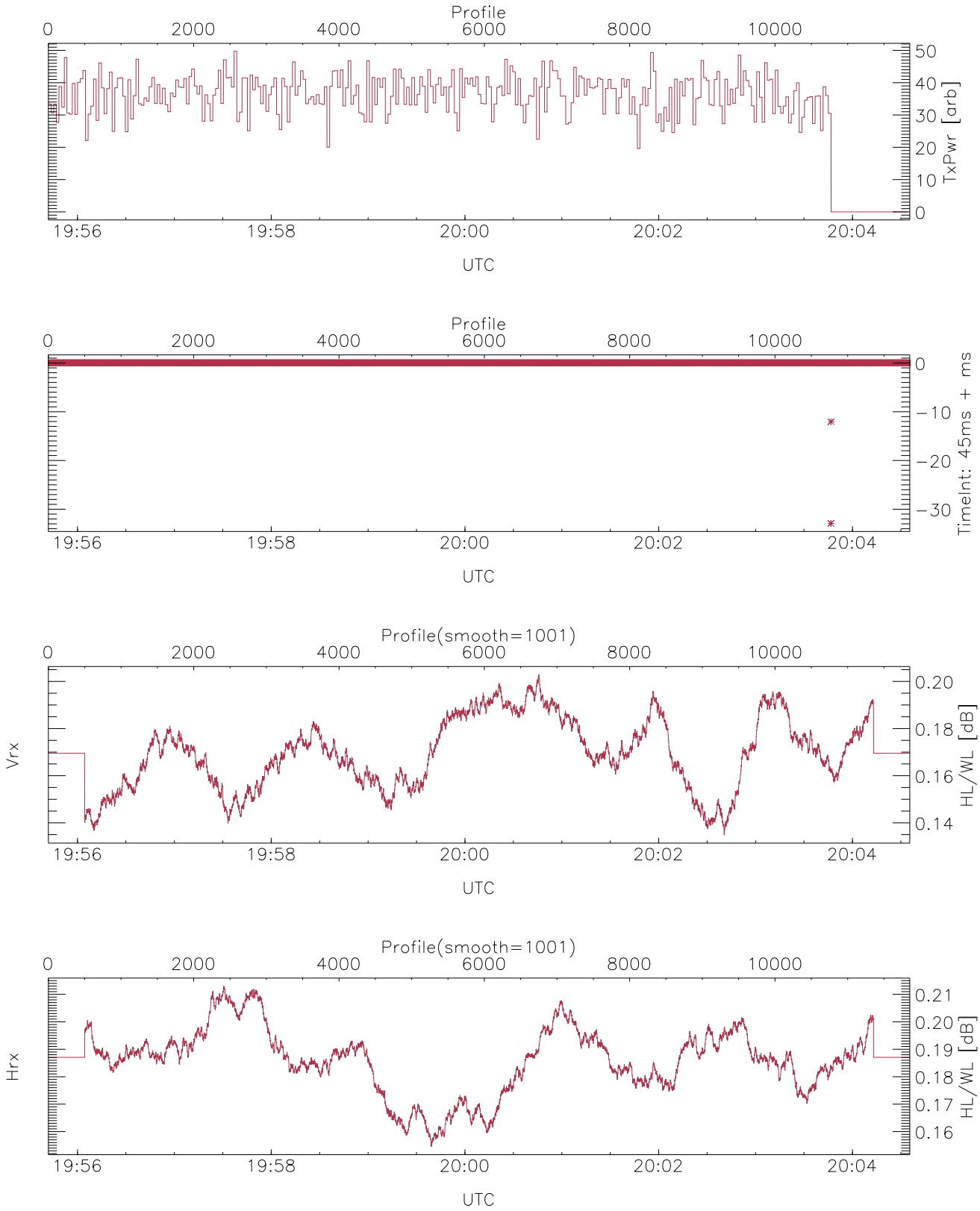
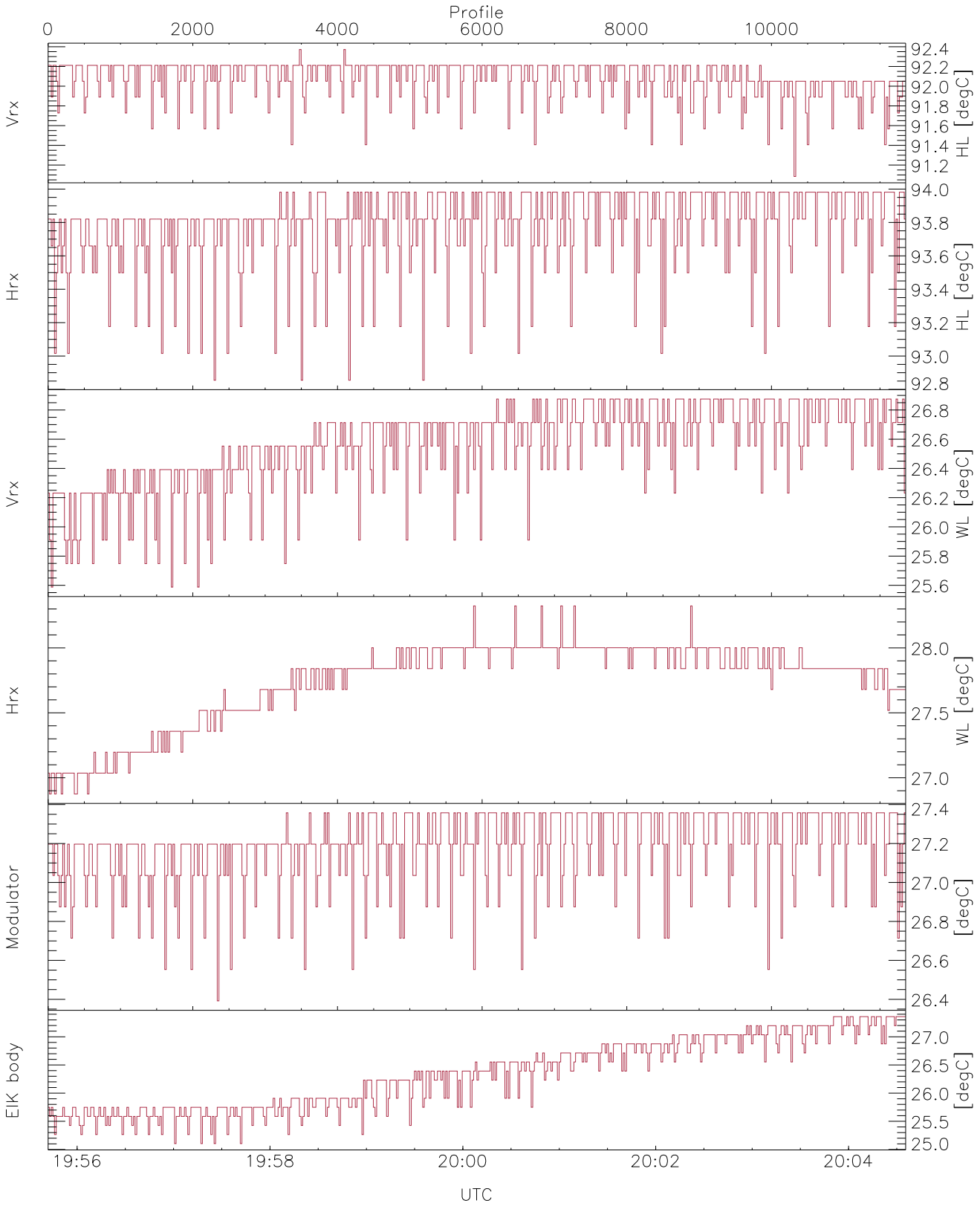


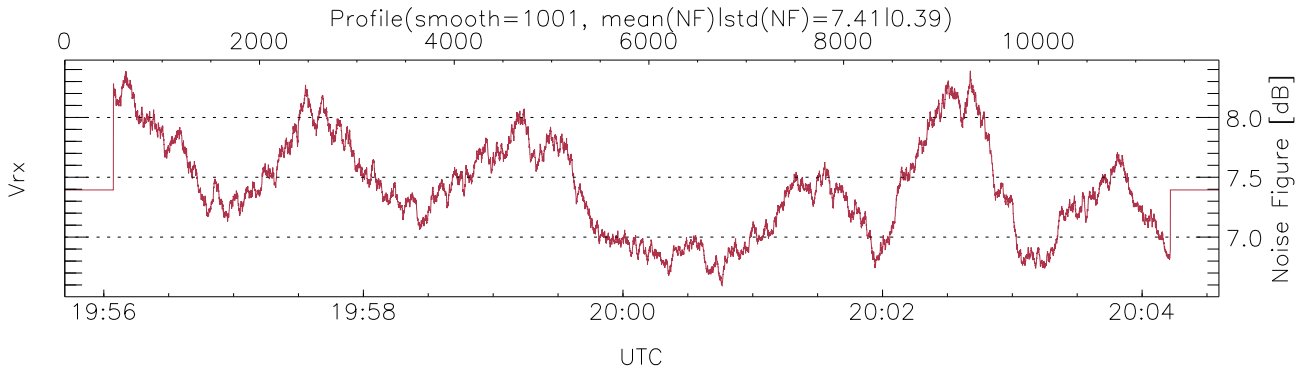
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

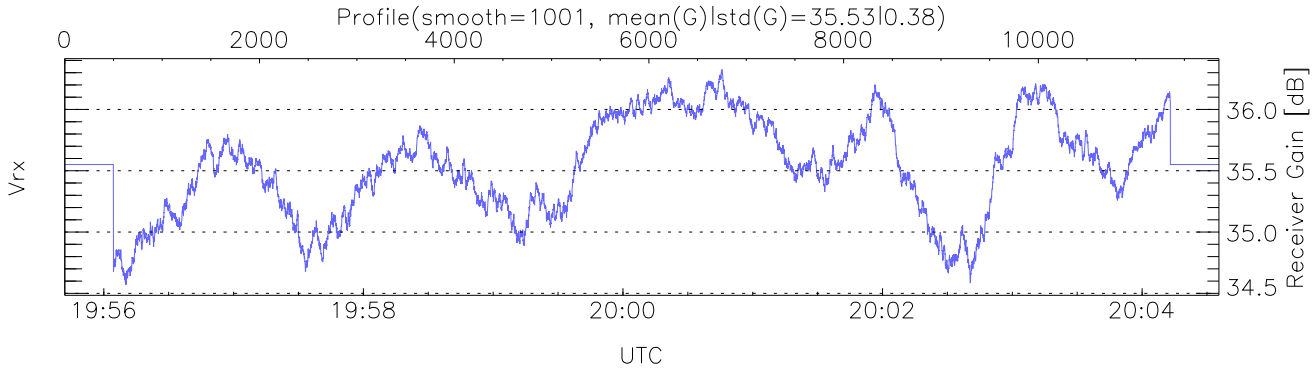
UTC: 19:55:42-20:04:36, TimeCor: 0.00s, Dur: 533.56s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 12.1,45.0,45.0,0.3 ms / 82.8,22.2,22.2
NumRec(r/t): 11856/11856, 0-11855/19:55:42-20:04:36
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

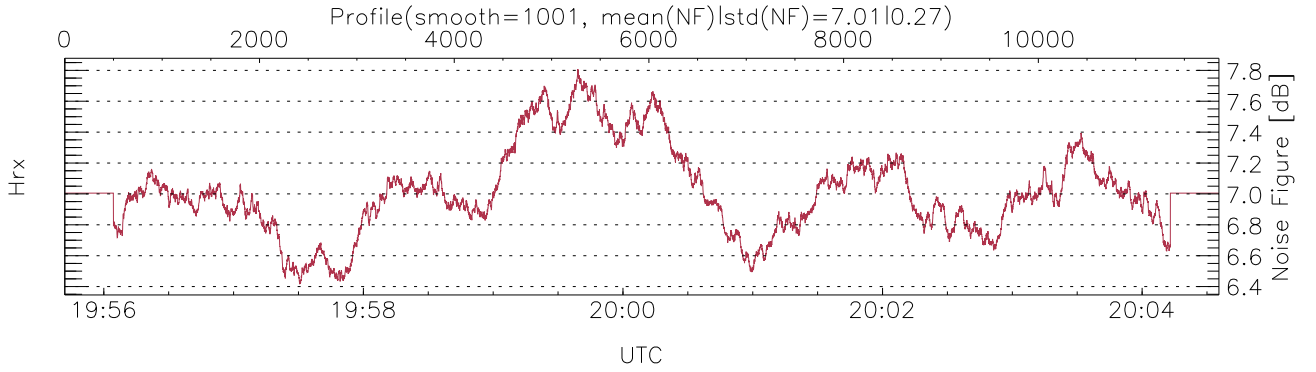


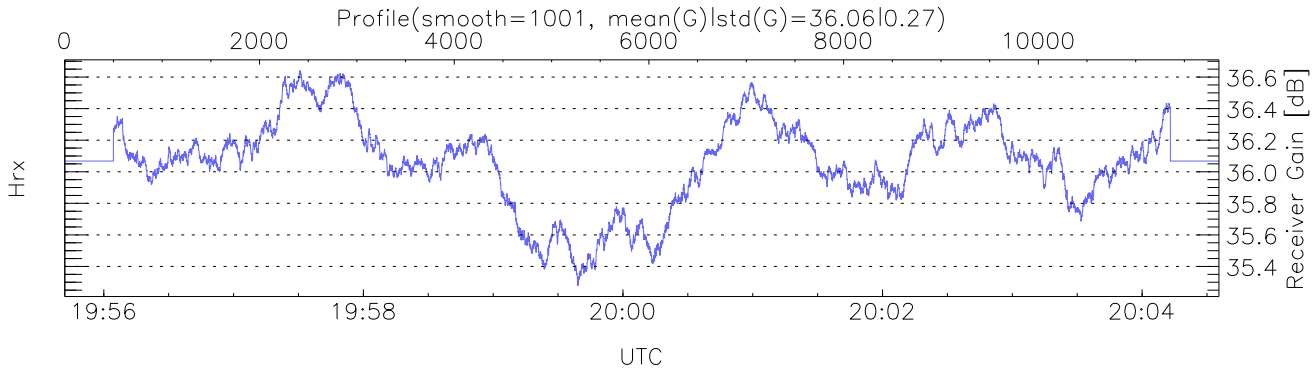
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,26,26,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,27,27
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (46,46,46,1090,1112,46,46,24)



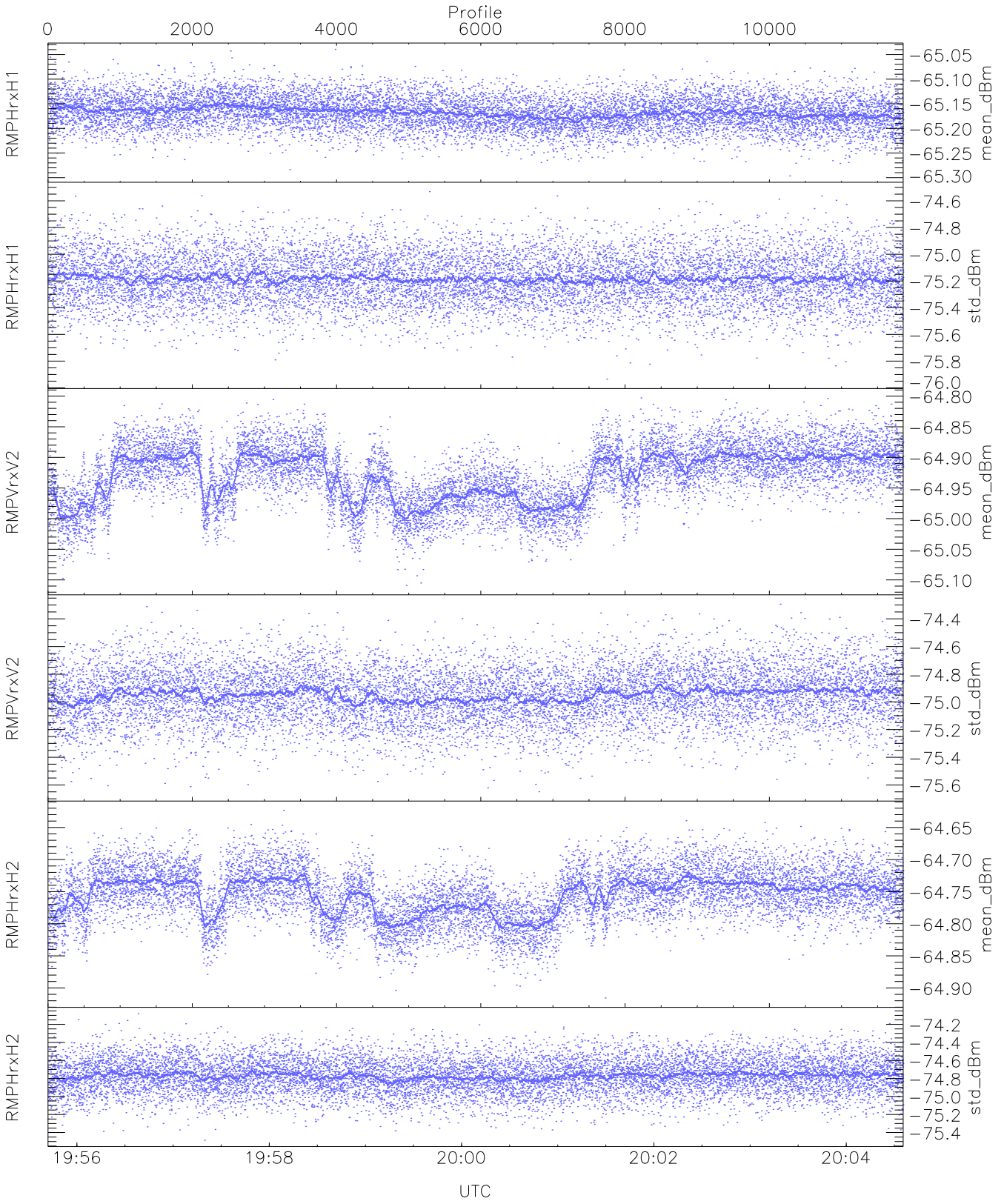






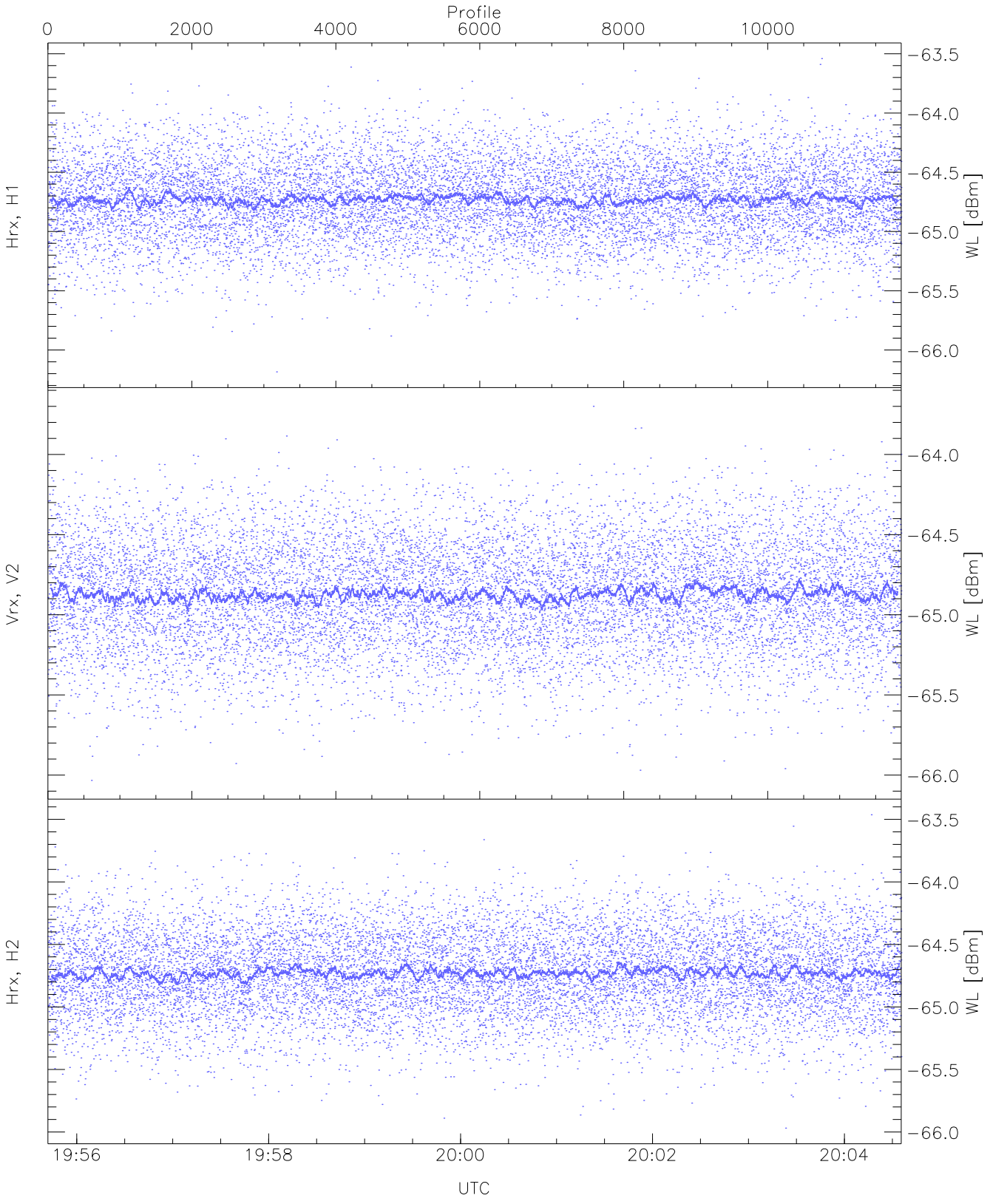
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 42 pixs, 1 gates, 42 profs, 1 prod(s)



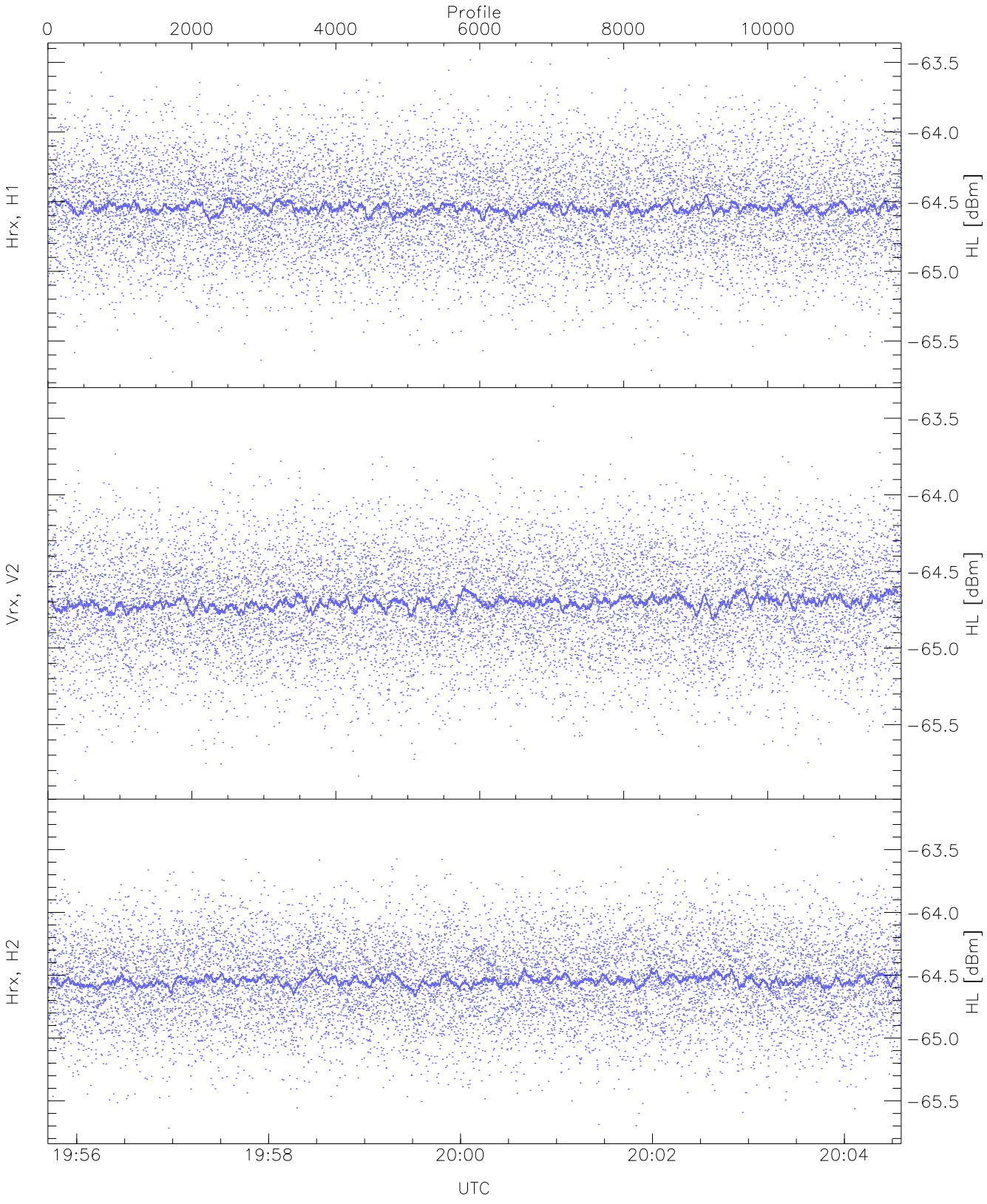
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.30	-65.04	-65.17	-65.17	-86.59
RMPHrxH1(std_dBm)	-75.94	-74.53	-75.18	-75.19	-88.97
RMPVrxV2(mean_dBm)	-65.11	-64.80	-64.93	-64.93	-84.57
RMPVrxV2(std_dBm)	-75.65	-74.29	-74.95	-74.95	-88.65
RMPHrxH2(mean_dBm)	-64.92	-64.62	-64.76	-64.75	-85.22
RMPHrxH2(std_dBm)	-75.49	-74.08	-74.77	-74.77	-88.51



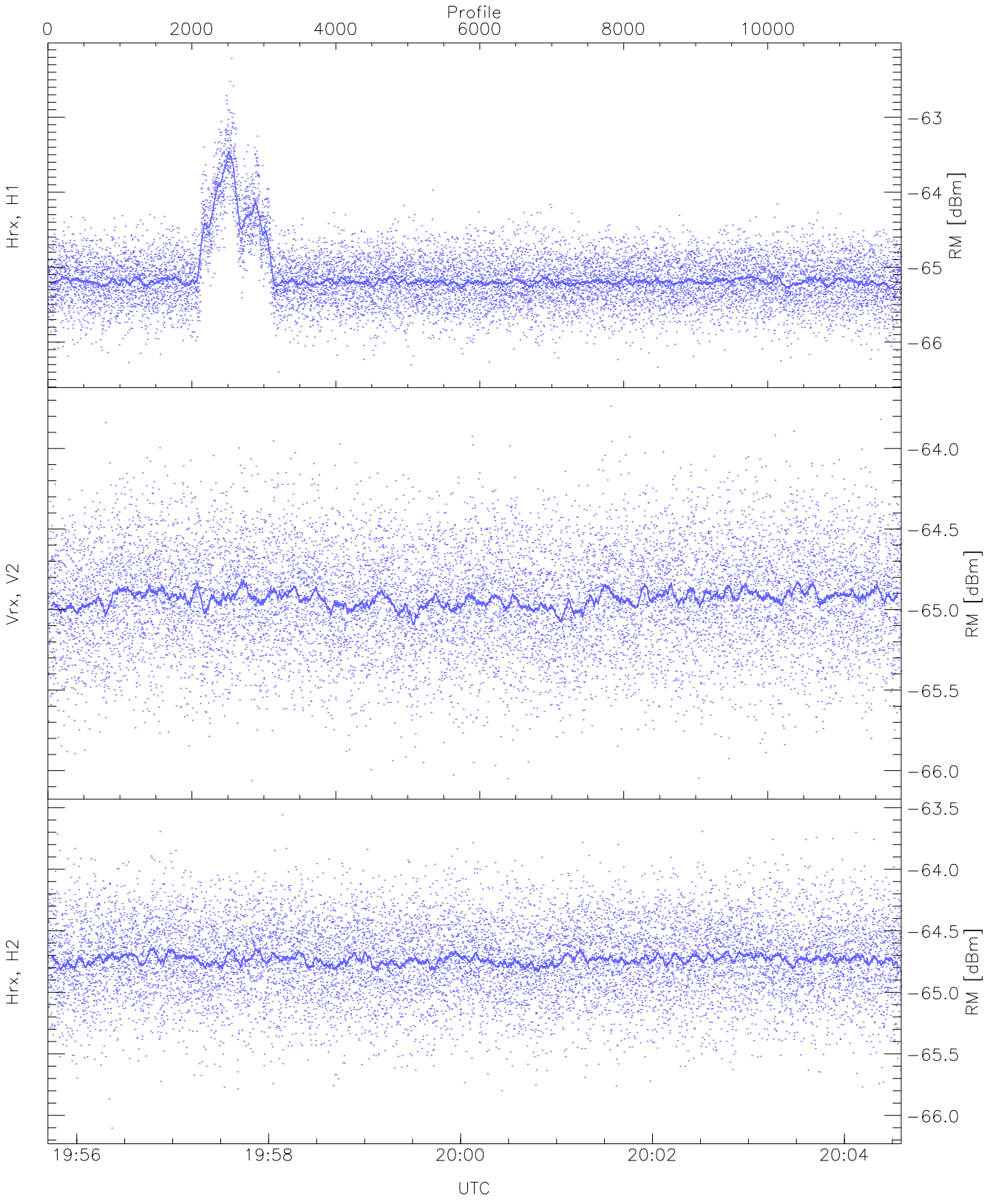
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.19	-63.54	-64.72	-64.73	-76.23
Vrx, V2(WL [dBm])	-66.03	-63.70	-64.87	-64.87	-76.38
Hrx, H2(WL [dBm])	-65.97	-63.46	-64.72	-64.73	-76.19



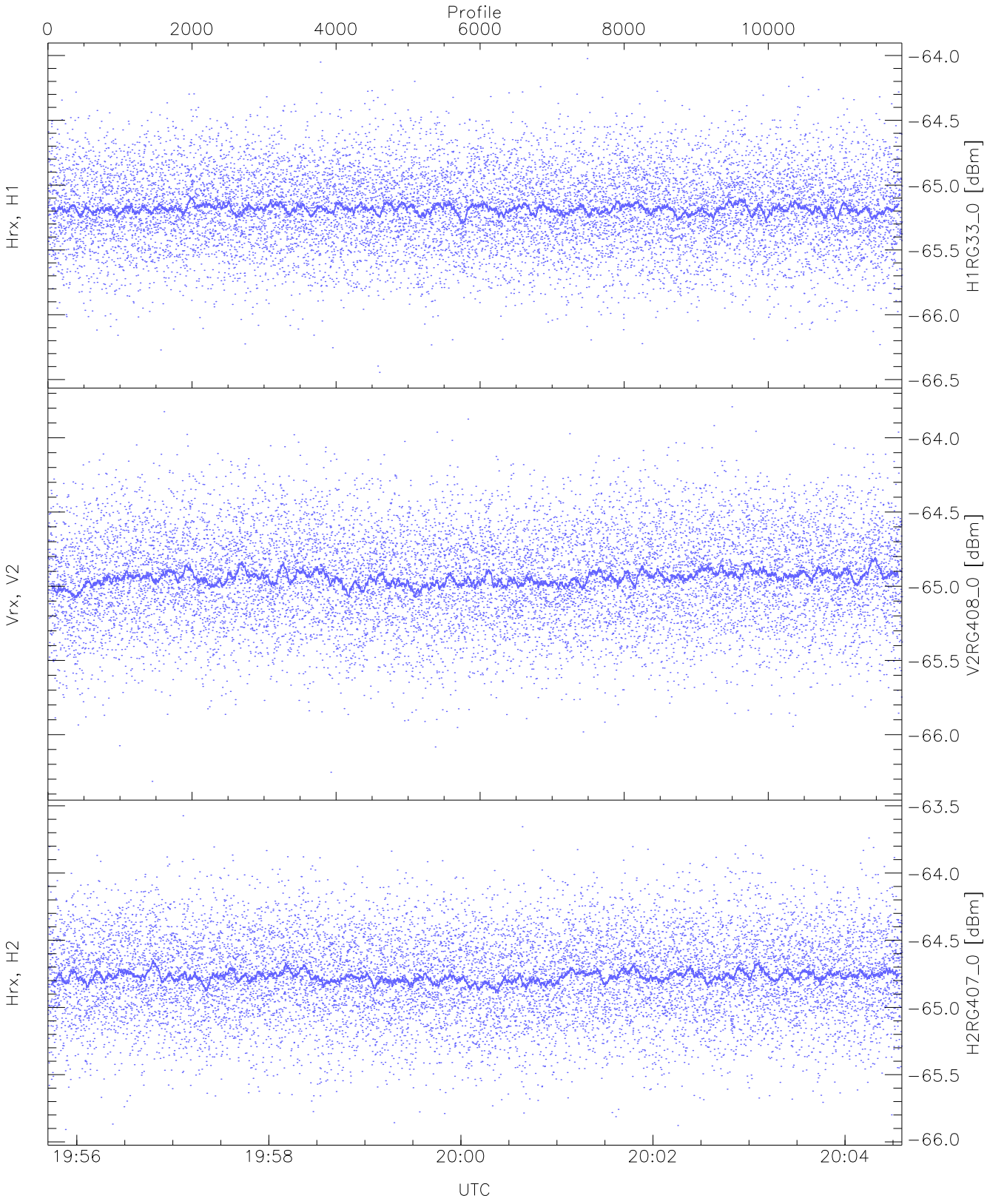
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.72	-63.47	-64.54	-64.54	-76.01
Vrx, V2(HL [dBm])	-65.86	-63.42	-64.70	-64.70	-76.24
Hrx, H2(HL [dBm])	-65.72	-63.22	-64.54	-64.54	-76.02



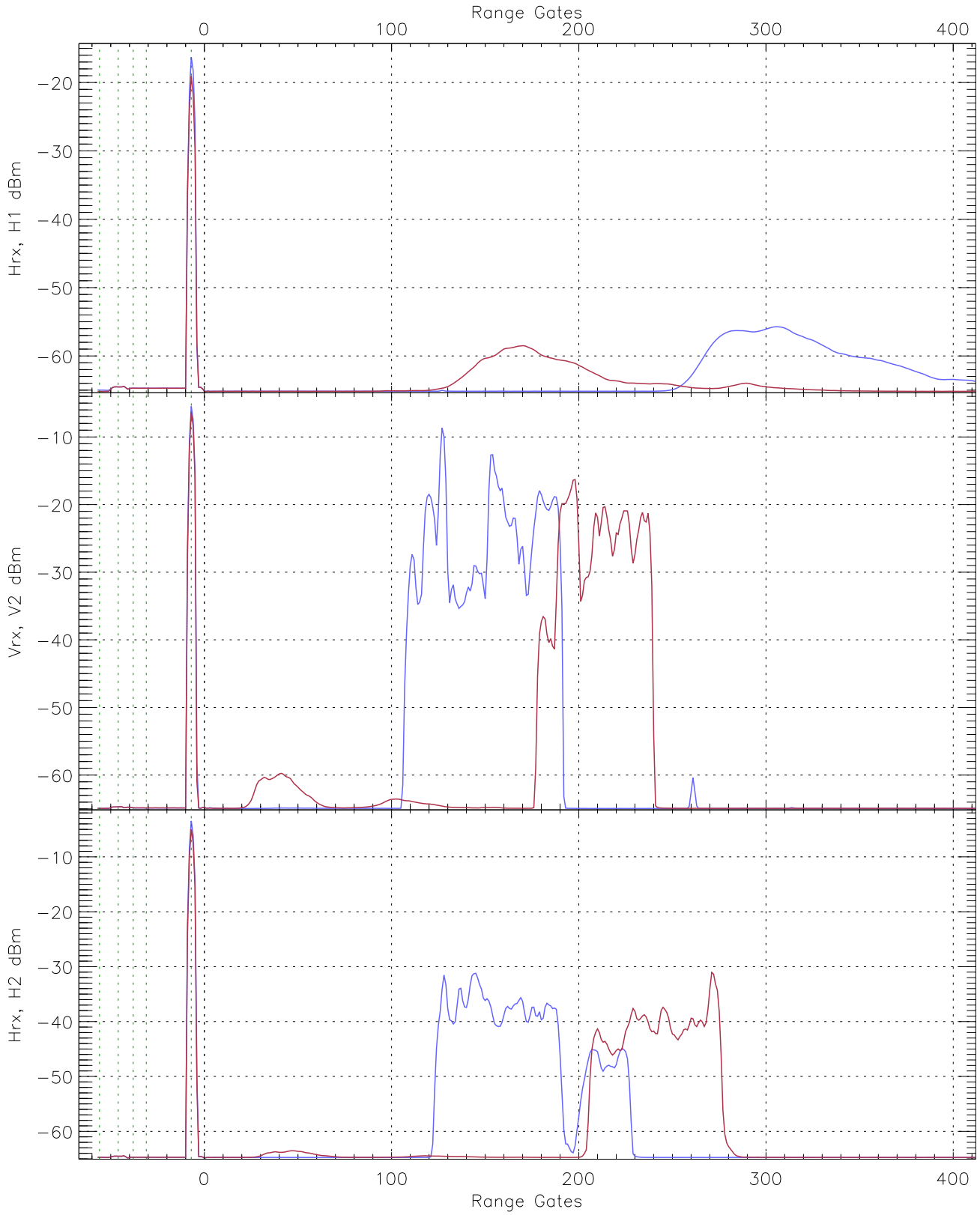
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.40	-62.22	-65.09	-65.16	-74.84
Vrx, V2(RM [dBm])	-66.06	-63.74	-64.93	-64.93	-76.40
Hrx, H2(RM [dBm])	-66.10	-63.56	-64.73	-64.74	-76.23

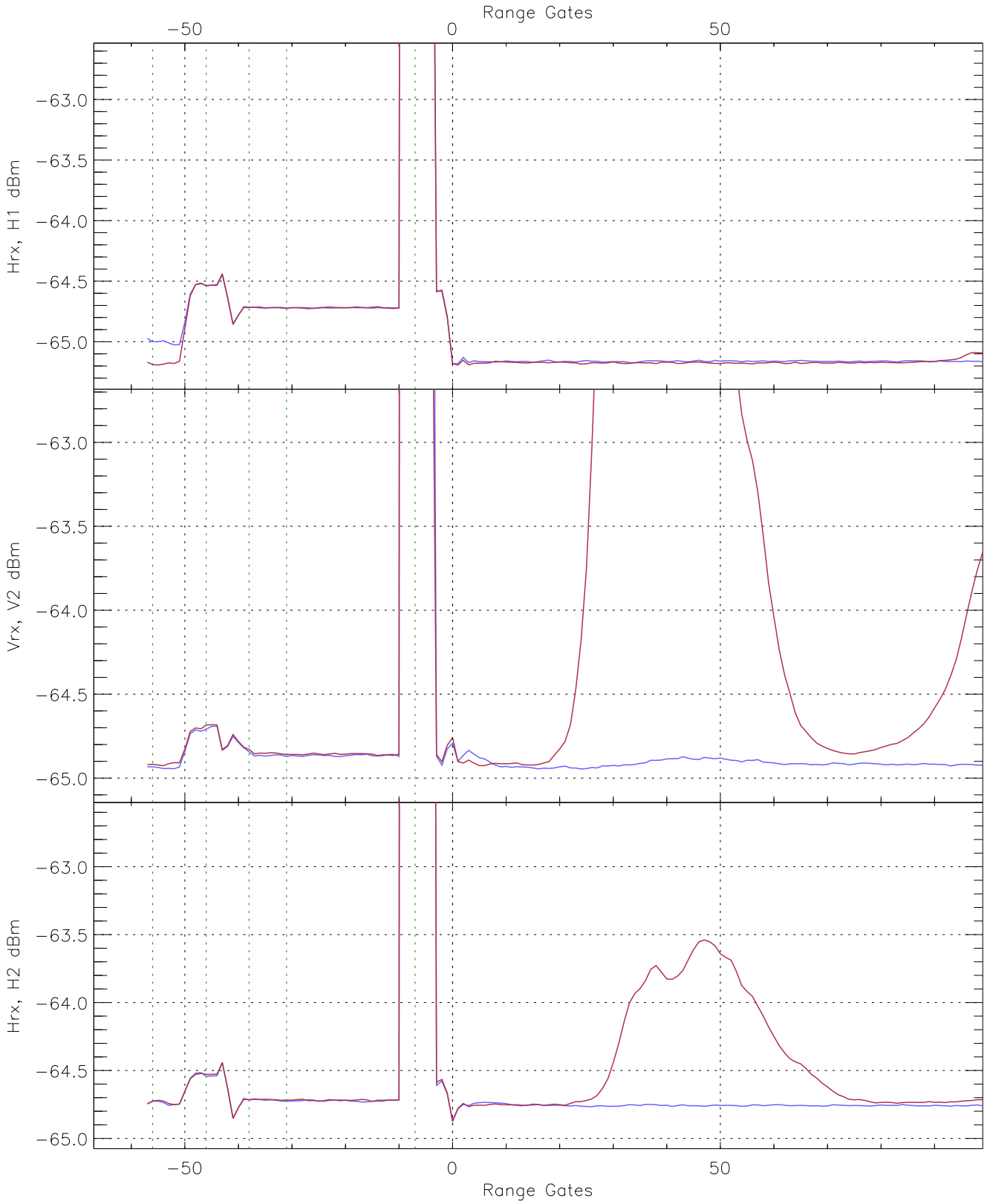


WCR3 CPP "Best" estimate Receivers Noise Power

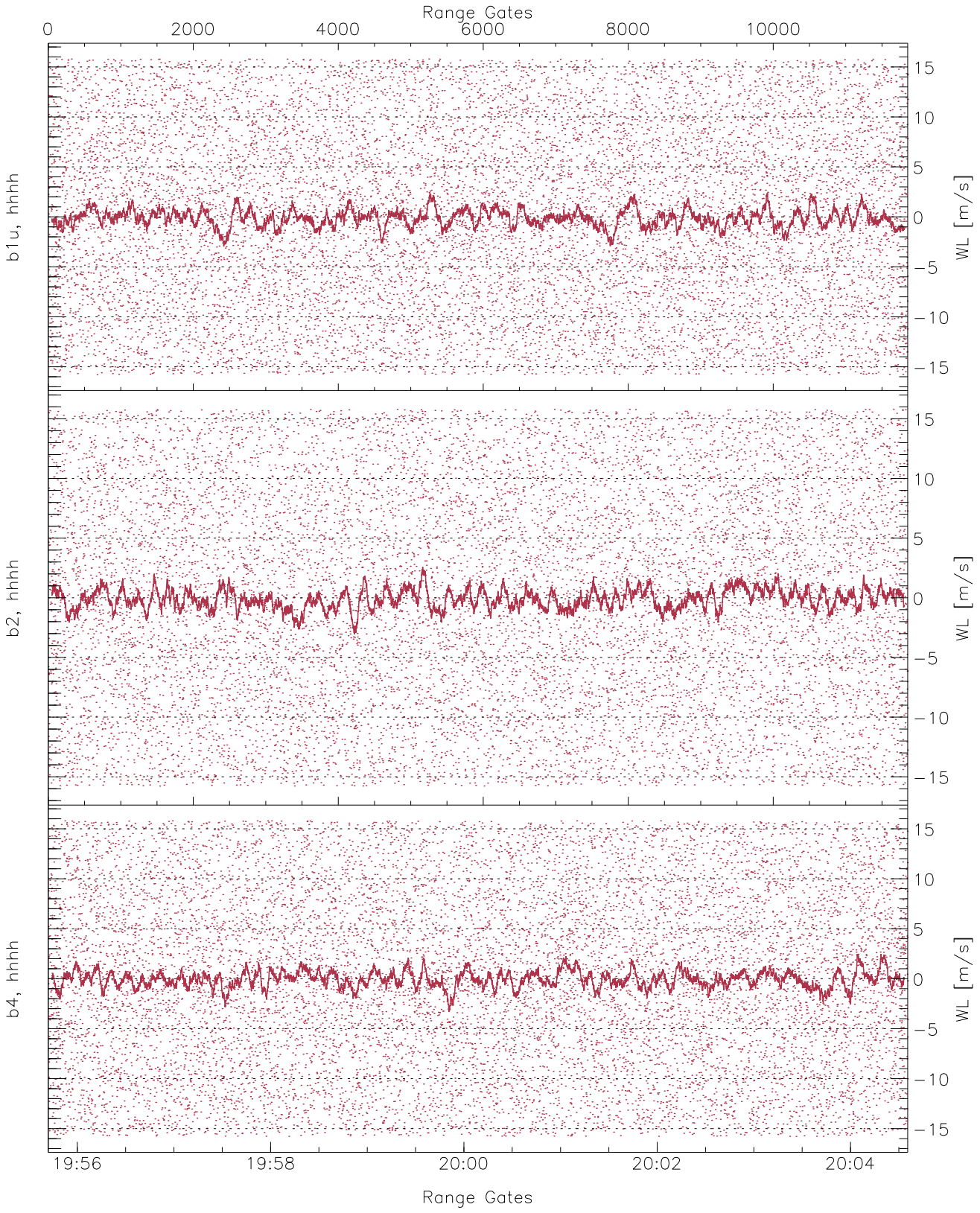
	Min	Max	Mean	Median	StDev
H1RG33_0 [dBm]	-66.44	-64.02	-65.18	-65.18	-76.72
V2RG408_0 [dBm]	-66.31	-63.79	-64.94	-64.95	-76.42
H2RG407_0 [dBm]	-65.91	-63.57	-64.76	-64.77	-76.22



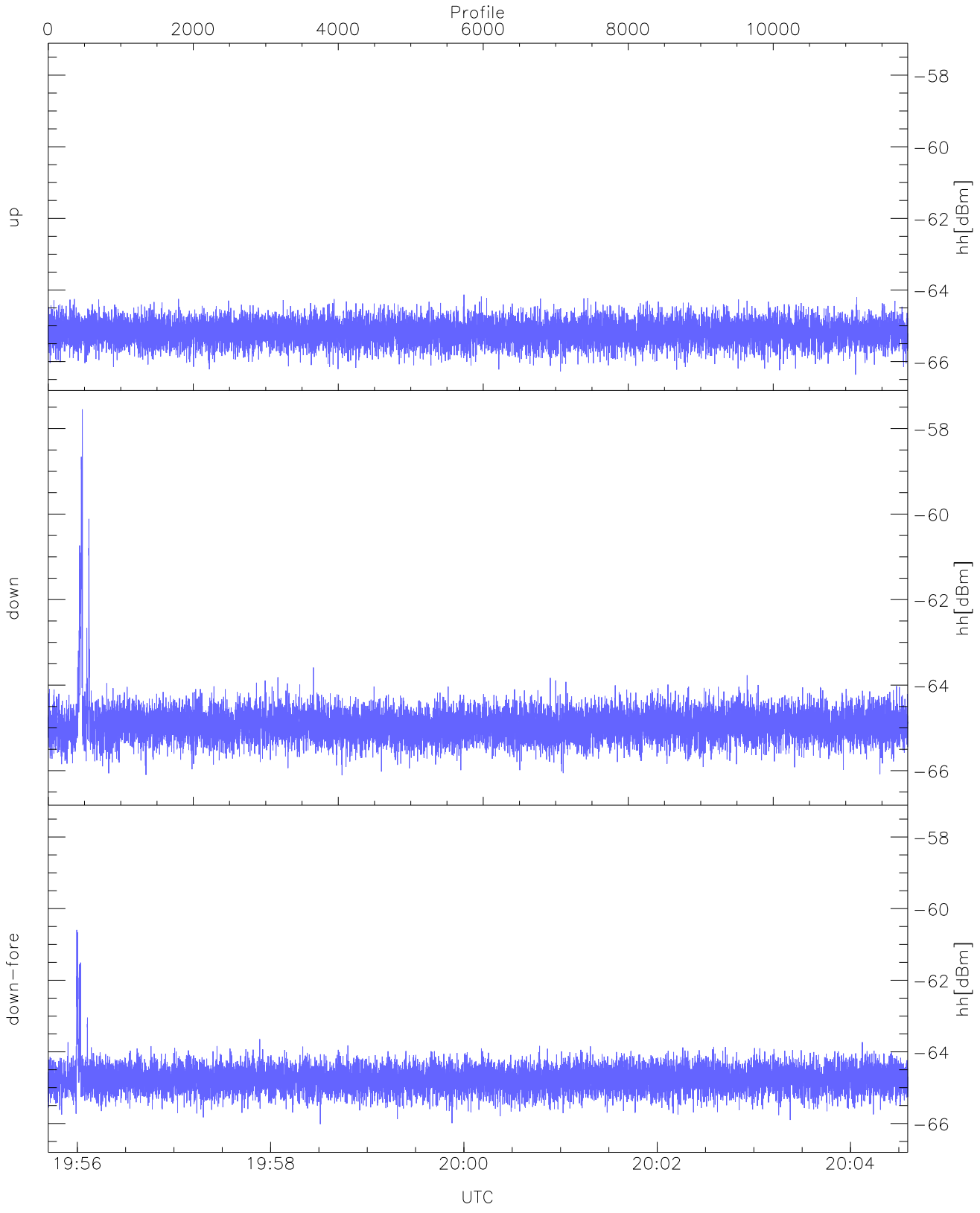
WCR3 CPP Averaged Received power for all recorded gates
blue: 195542-200009, 5929 profiles averaged
red: 200009-200436, 5928 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 195542-200009, 5929 profiles averaged
red: 200009-200436, 5928 profiles averaged

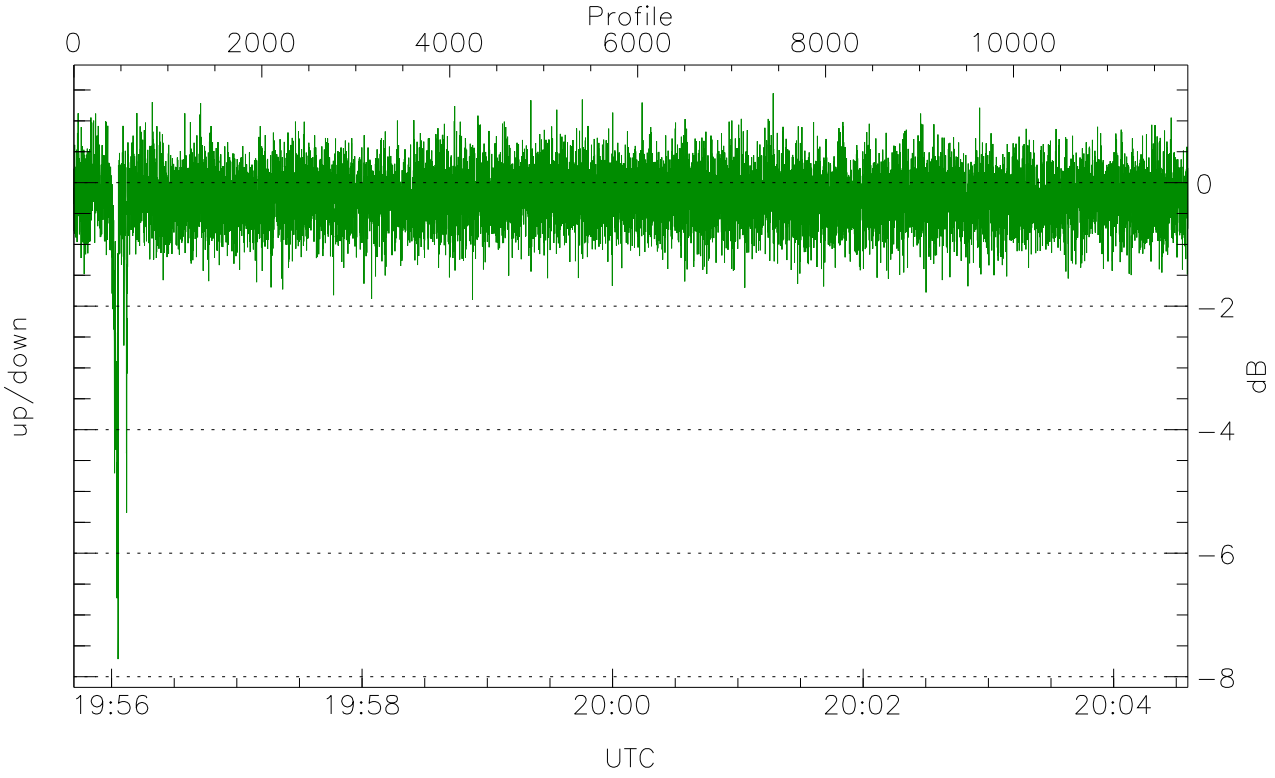


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



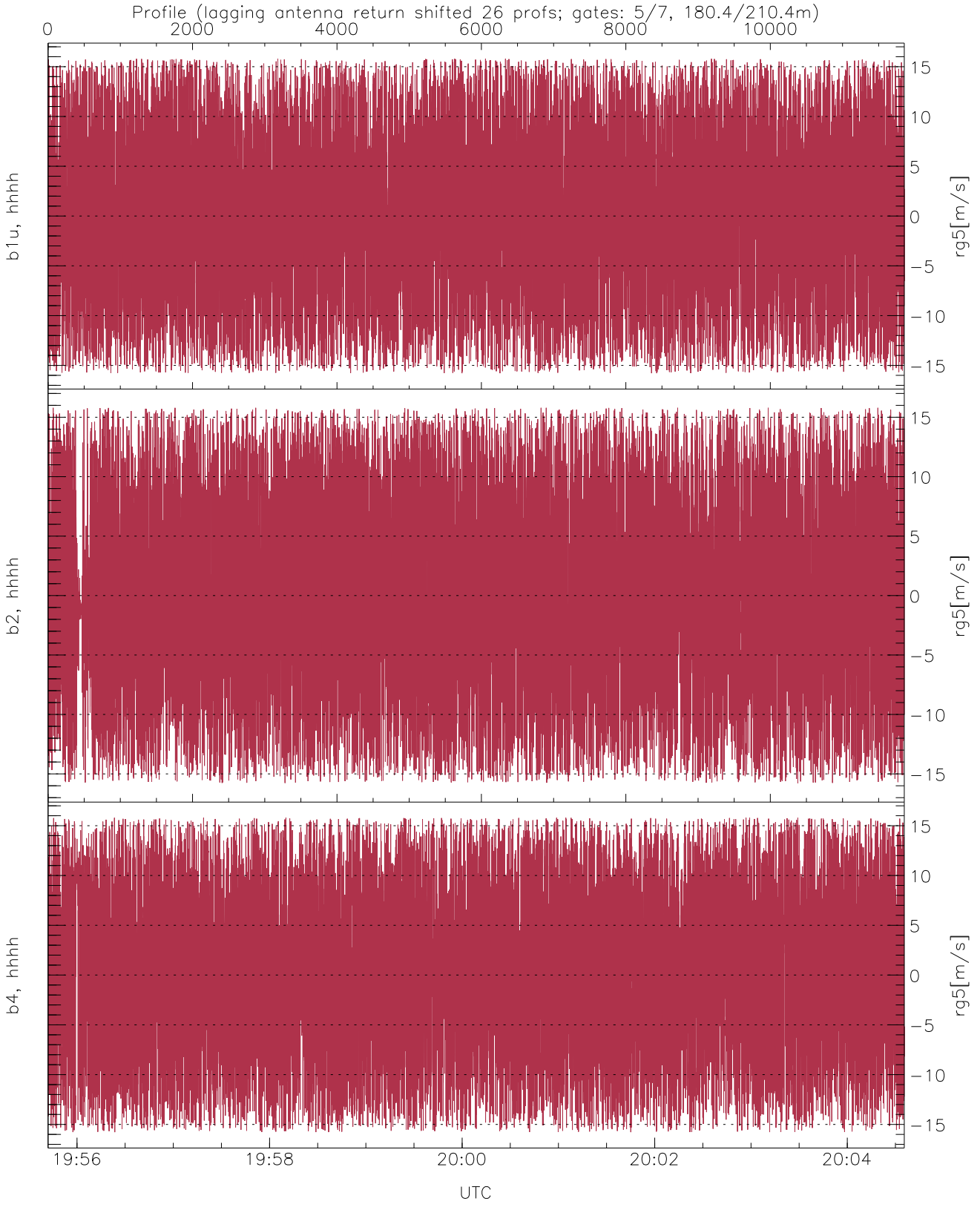
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.36	-64.13	-65.17
down(hh[dBm])	-66.11	-57.55	-64.90
down-fore(hh[dBm])	-66.02	-60.60	-64.75



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

	Min	Max	Mean
up/down(dB)	-7.71	1.45	-0.26
down/down-fore(dB)	-3.64	6.25	-0.17



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.09	8.70
b2, hhhh(rg5[m/s])	-15.77	15.79	0.01	8.74
b4, hhhh(rg5[m/s])	-15.78	15.79	0.09	8.67