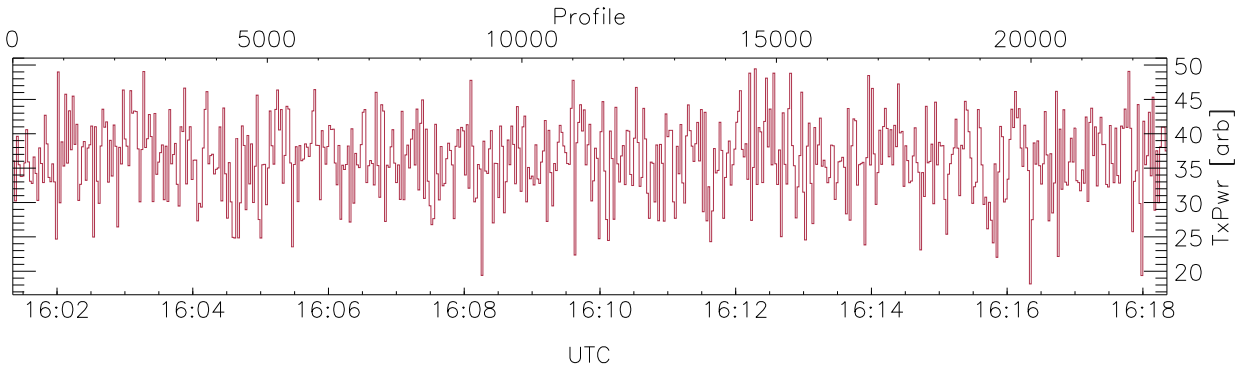
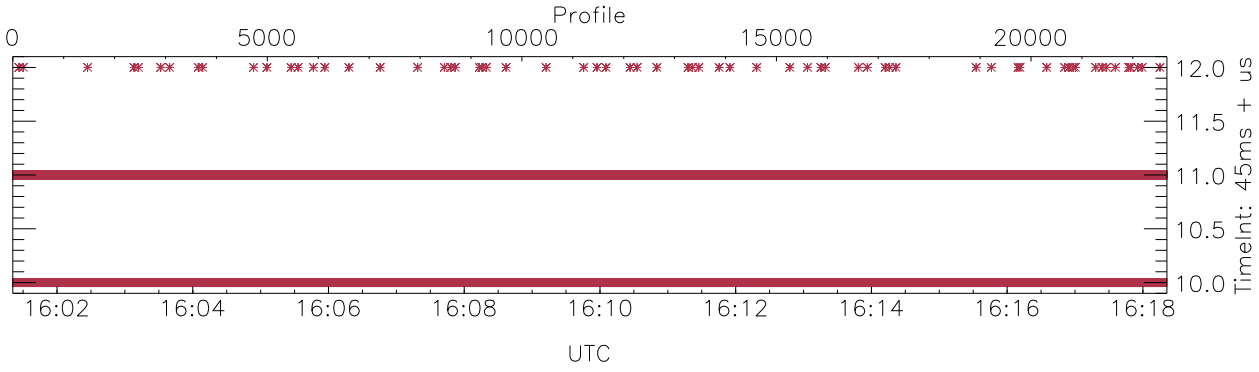
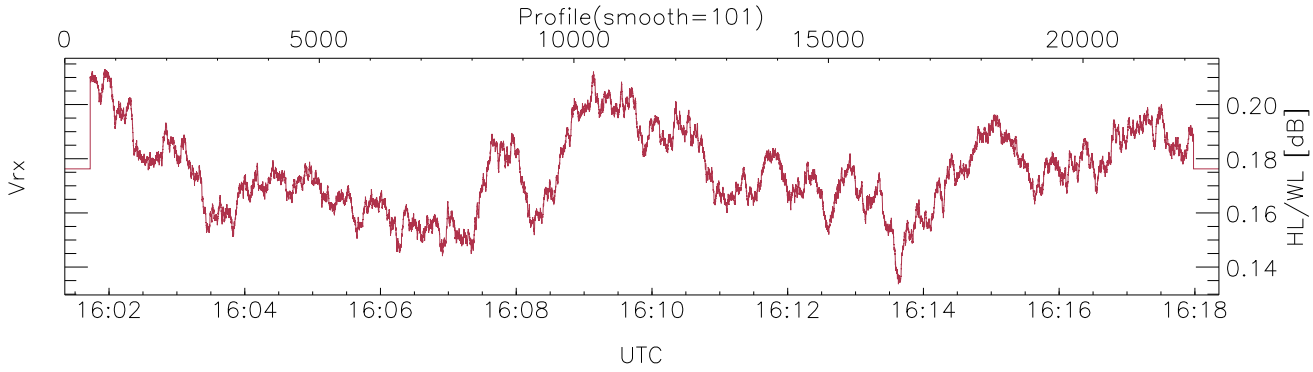
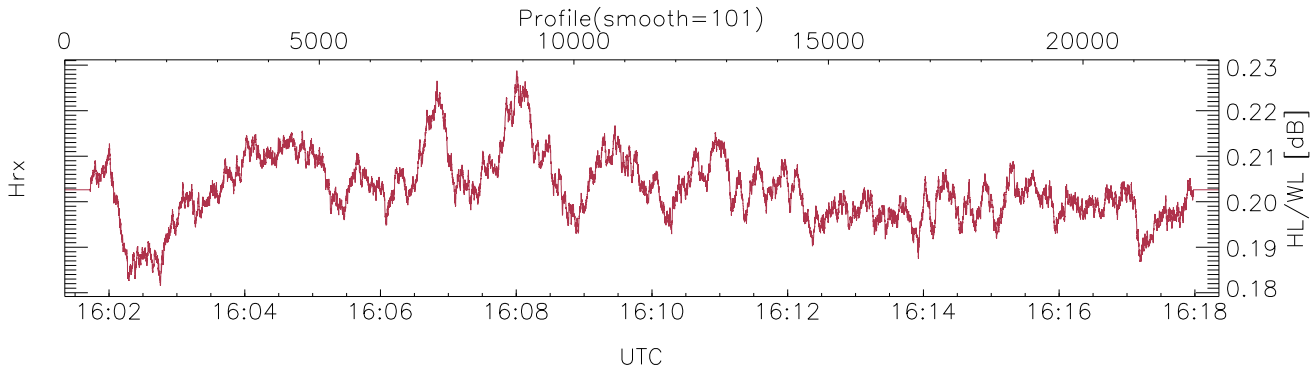


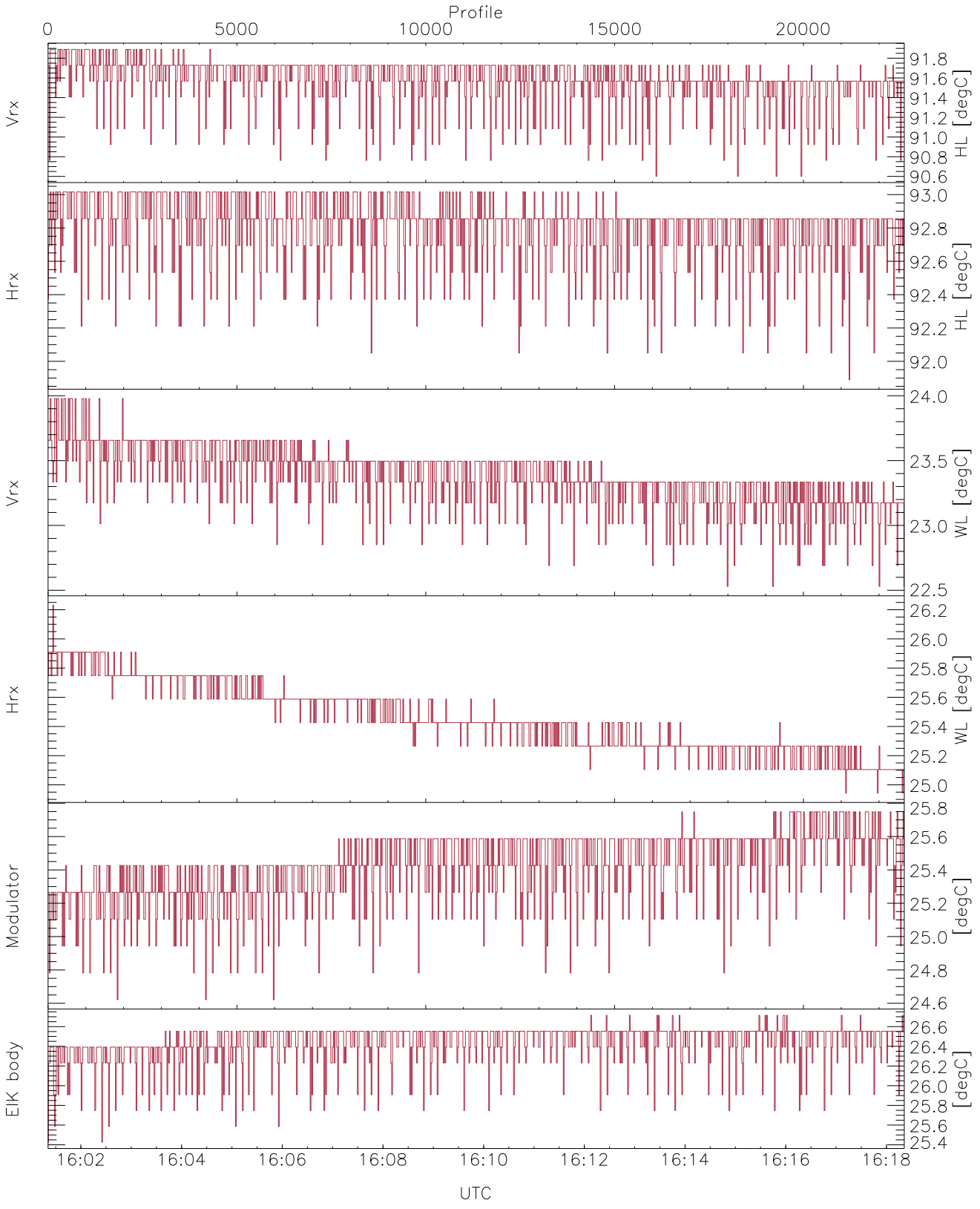






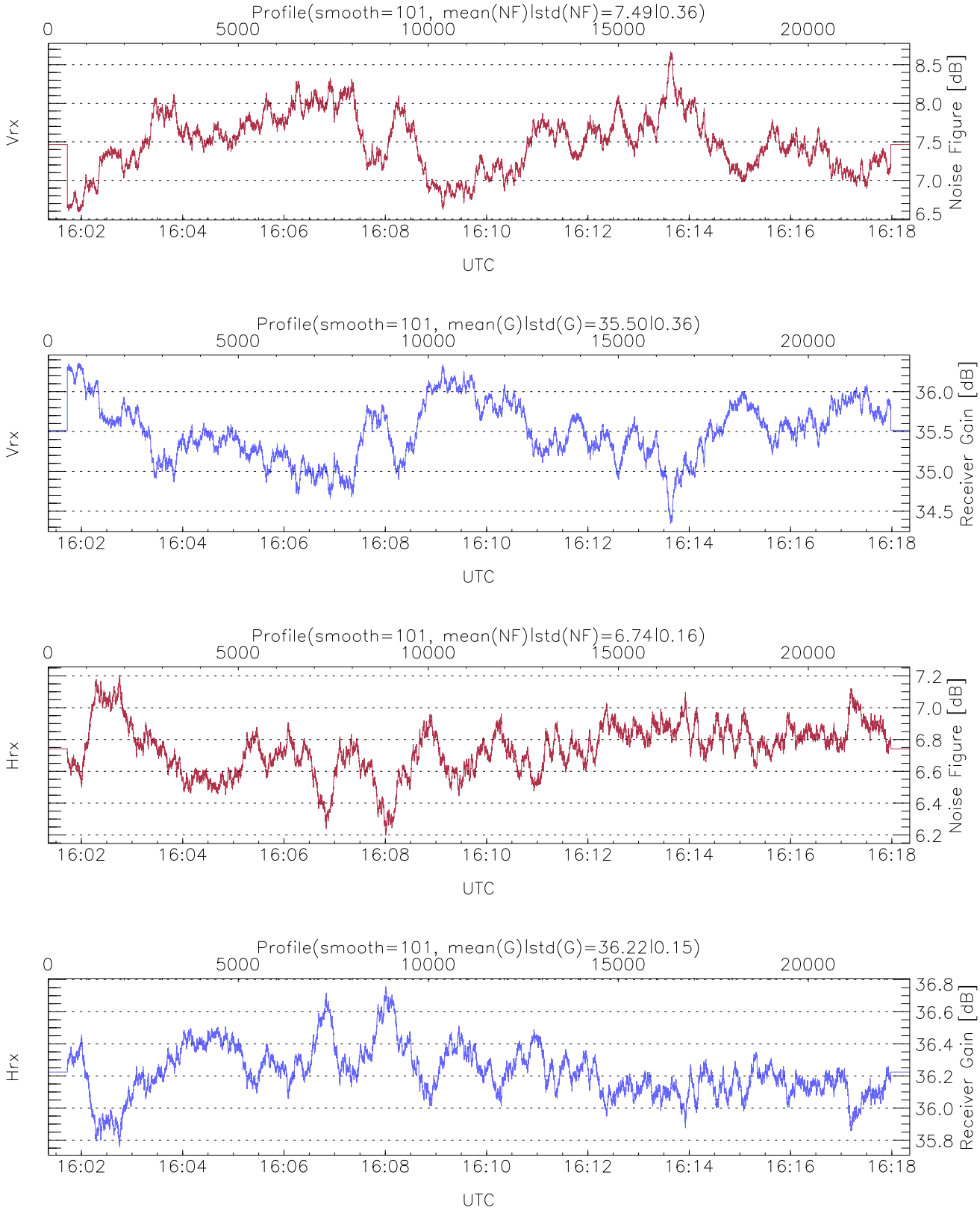
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:01:21-16:18:21, 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, 0-22671/16:01:21-16:18:21
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



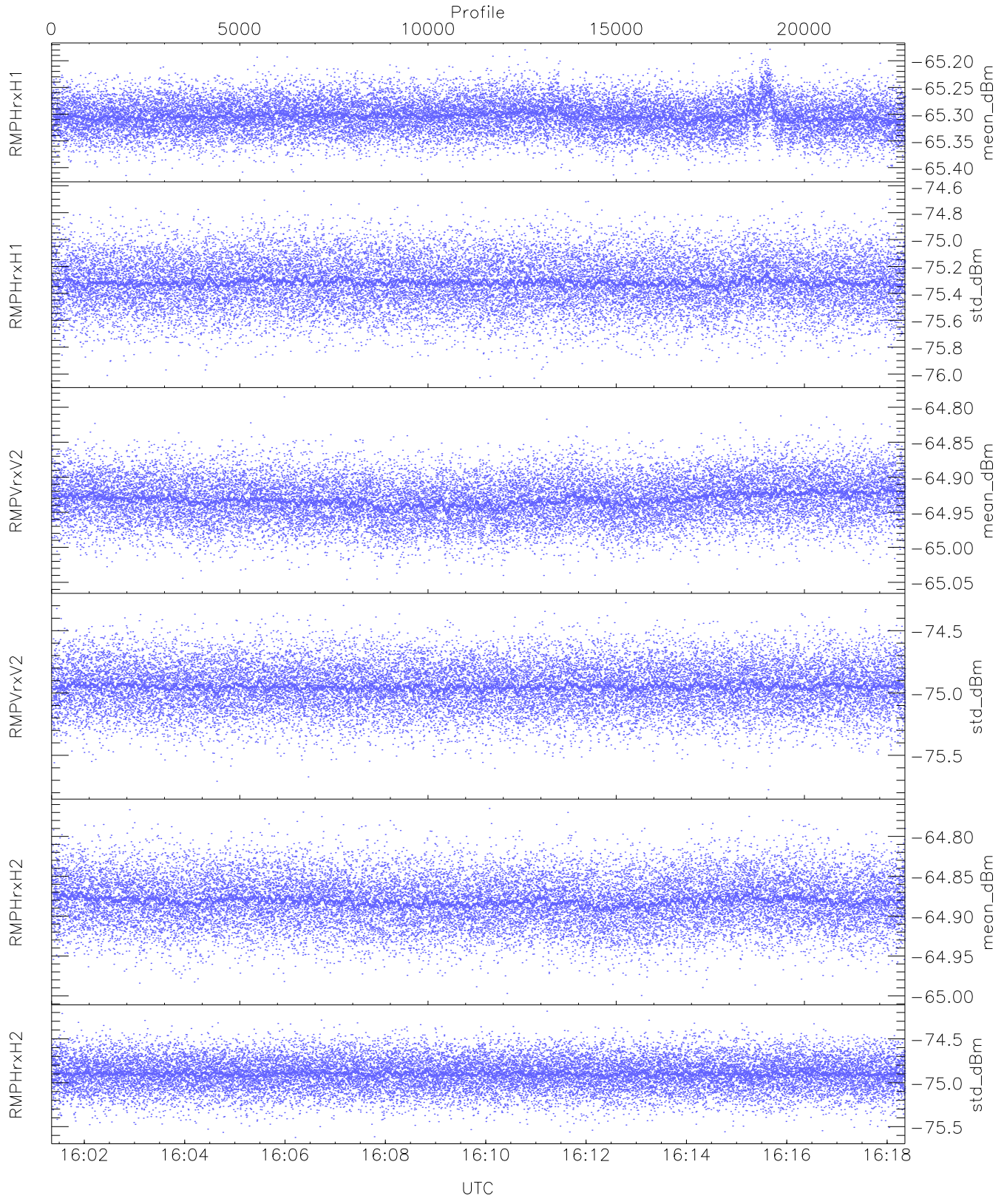
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,26,25,26
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,44,44,22,22)



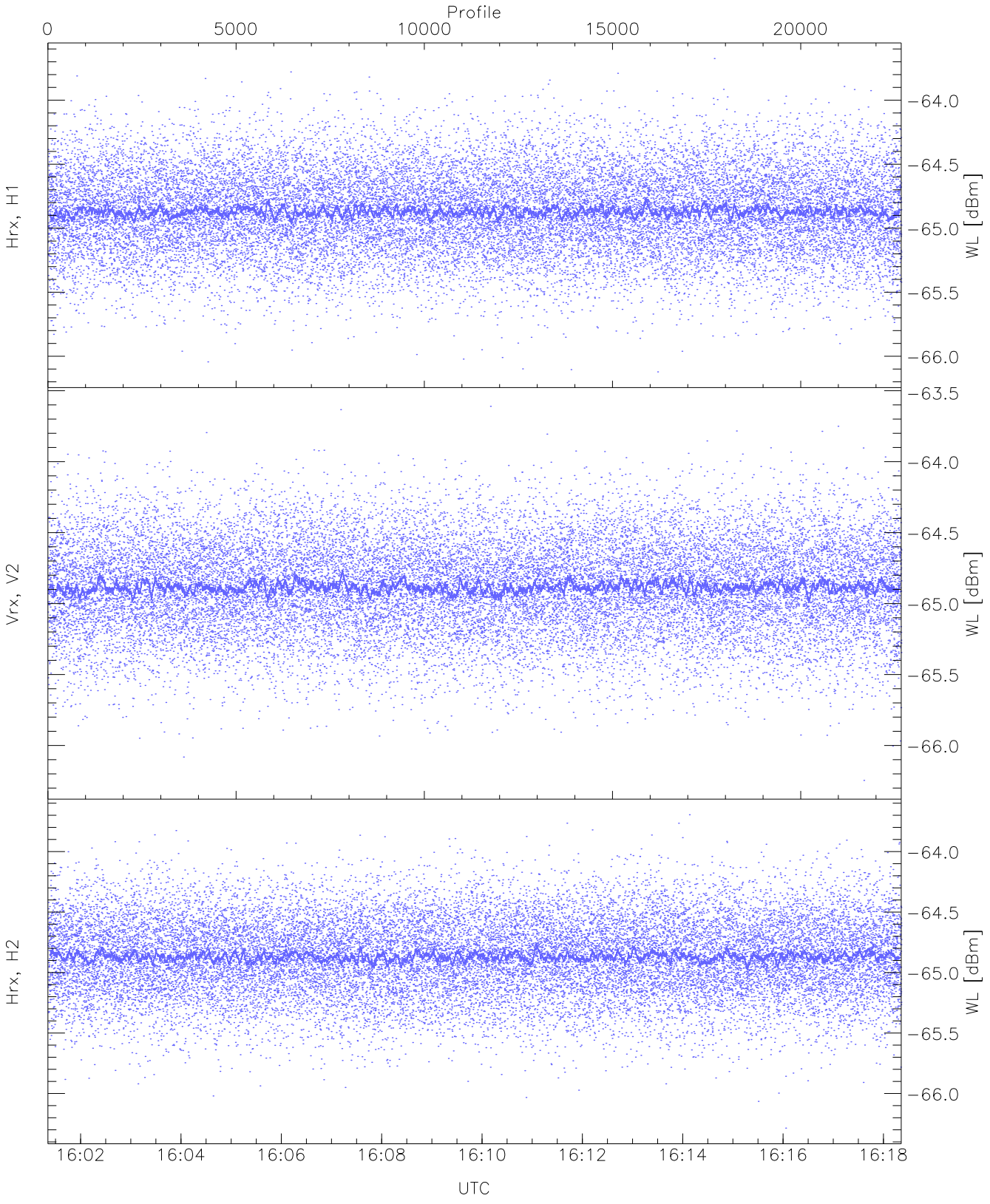
WCR3 CPP Receivers Gain and Noise Figure

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



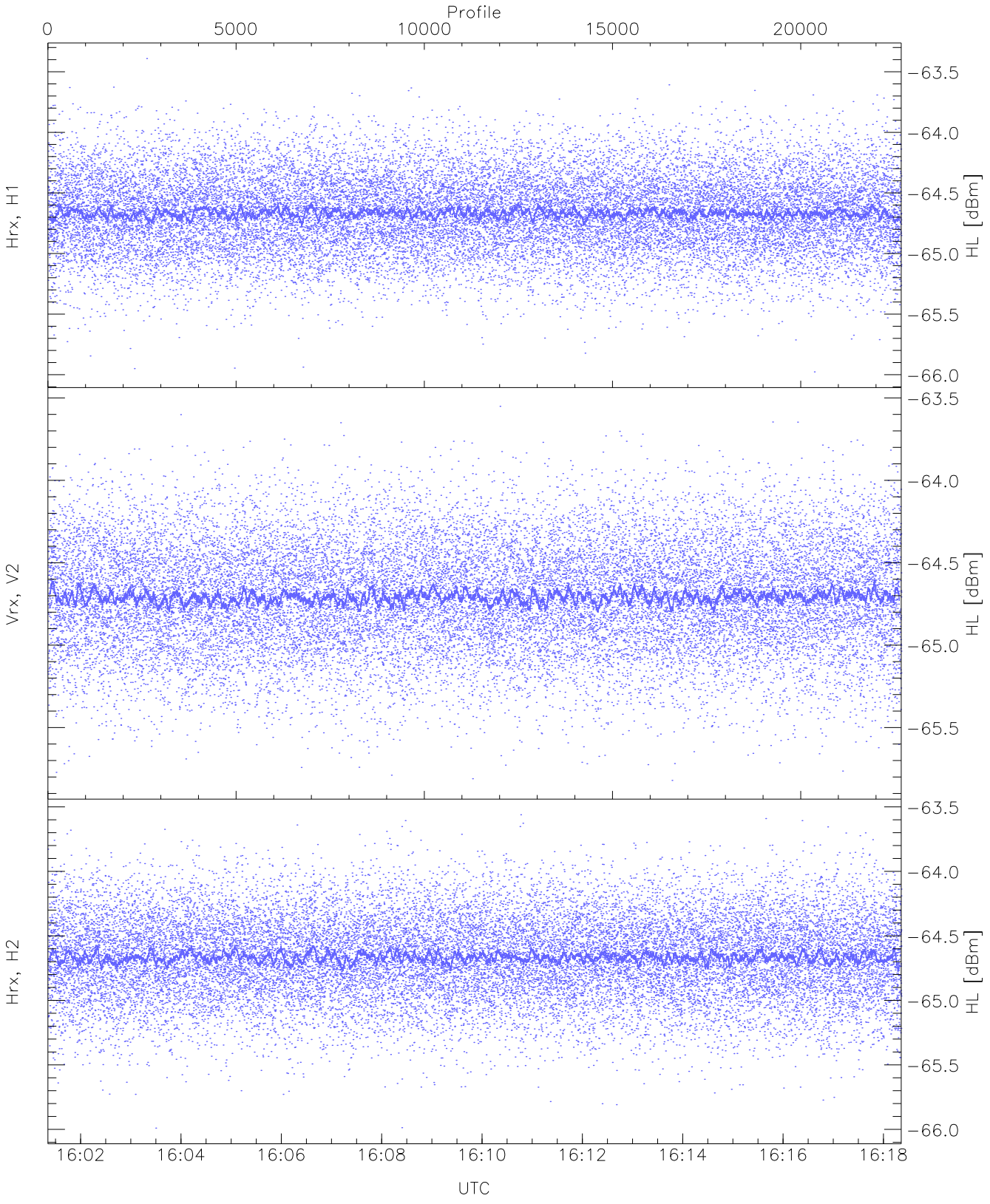
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.18	-65.30	-65.30	-86.82
RMPHrxH1(std_dBm)	-76.03	-74.64	-75.32	-75.32	-89.11
RMPVrxV2(mean_dBm)	-65.05	-64.79	-64.93	-64.93	-86.42
RMPVrxV2(std_dBm)	-75.78	-74.28	-74.95	-74.95	-88.73
RMPHrxH2(mean_dBm)	-65.00	-64.76	-64.88	-64.88	-86.51
RMPHrxH2(std_dBm)	-75.62	-74.19	-74.90	-74.90	-88.70



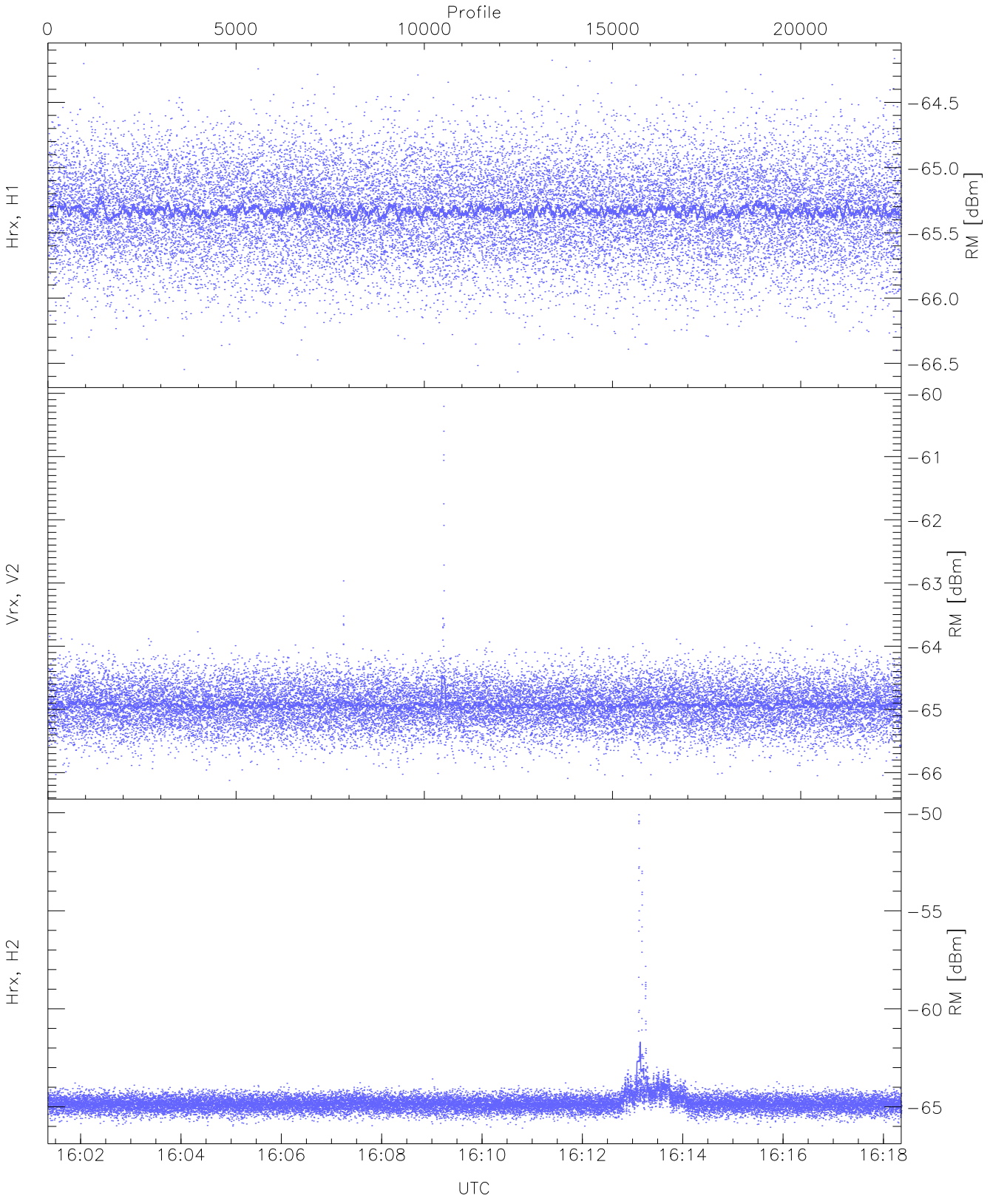
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.12	-63.67	-64.86	-64.87	-76.36
Vrx, V2(WL [dBm])	-66.25	-63.61	-64.88	-64.88	-76.38
Hrx, H2(WL [dBm])	-66.29	-63.70	-64.86	-64.87	-76.38



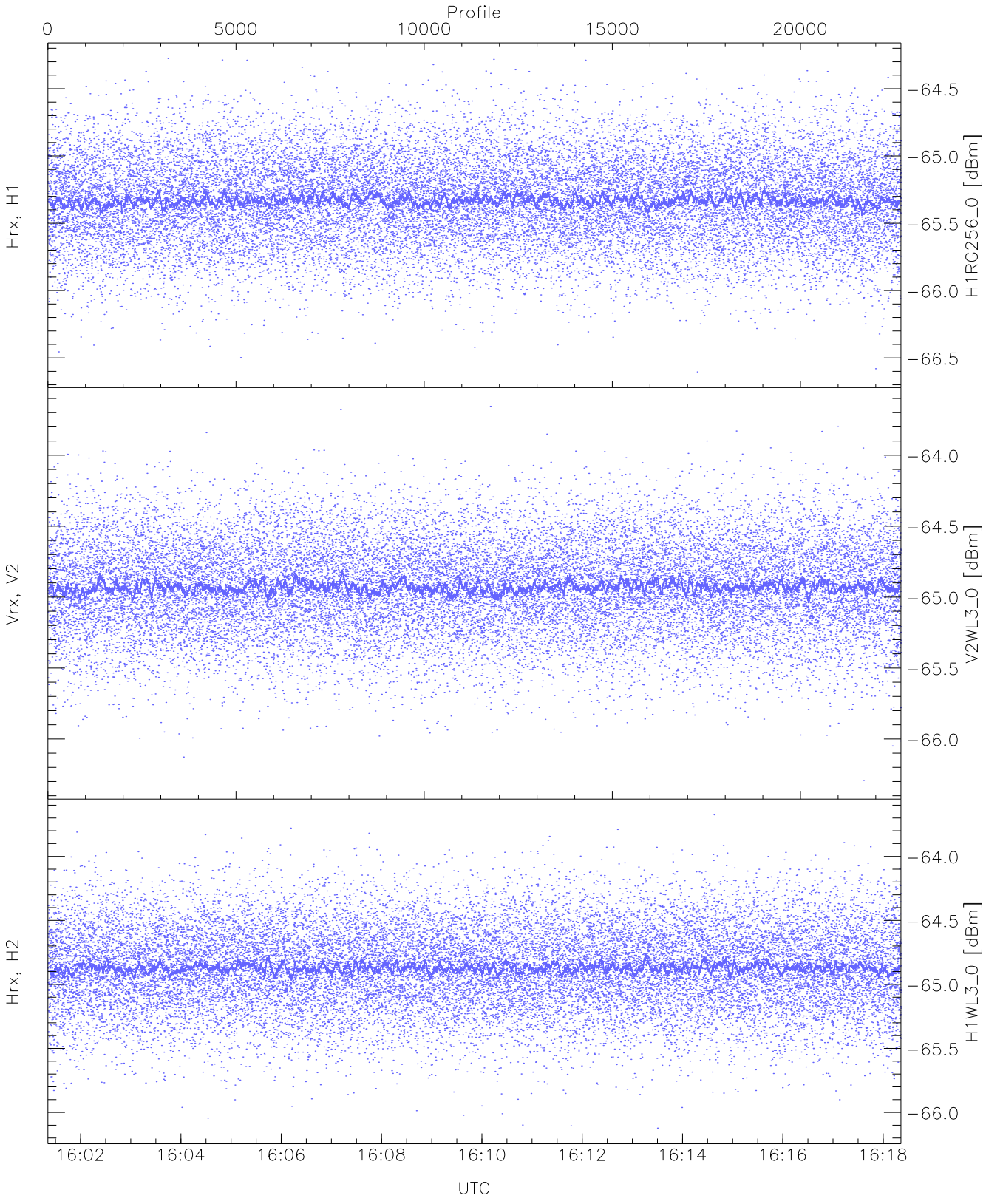
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.98	-63.39	-64.66	-64.67	-76.20
Vrx, V2(HL [dBm])	-65.82	-63.55	-64.70	-64.71	-76.22
Hrx, H2(HL [dBm])	-65.99	-63.56	-64.66	-64.67	-76.18



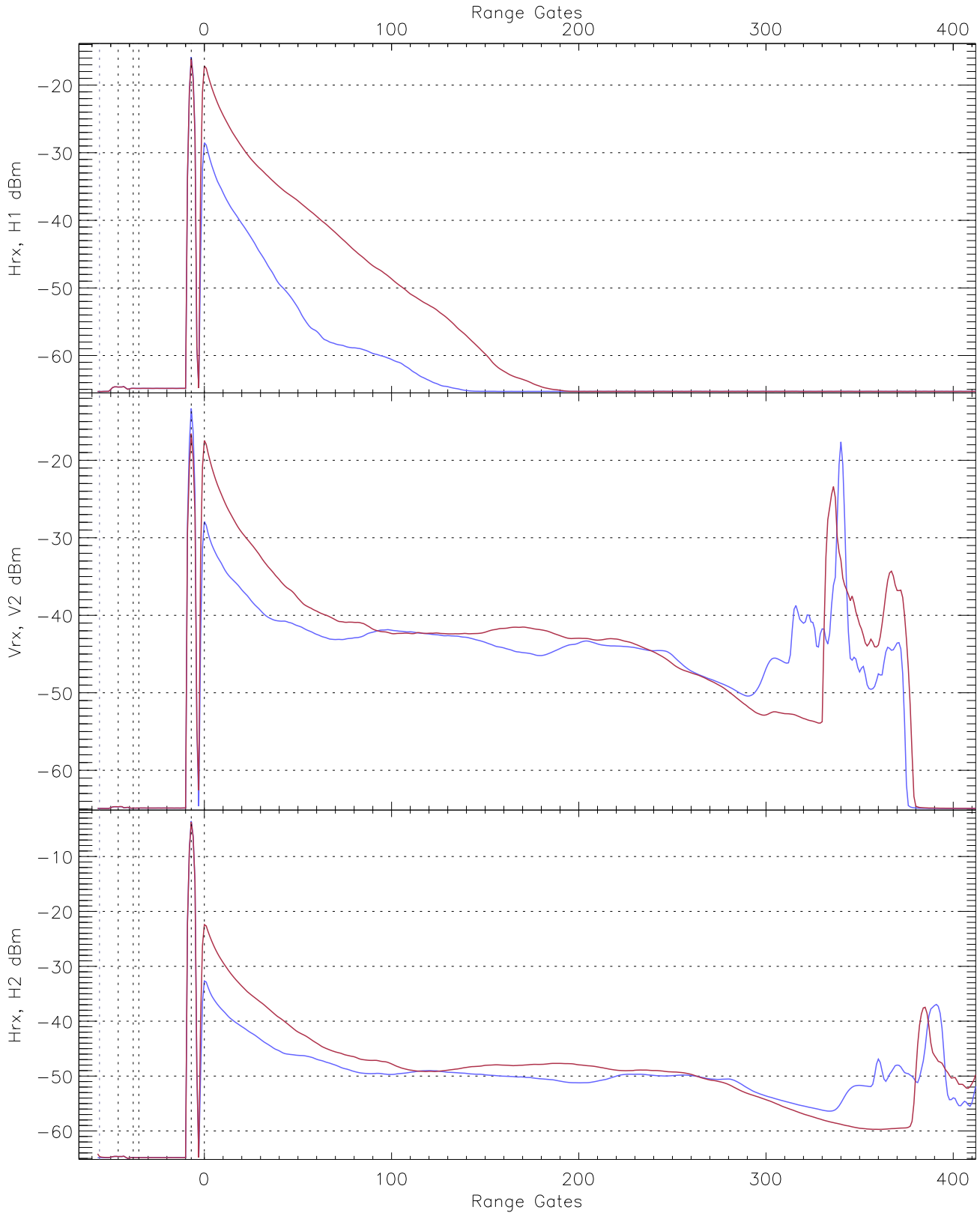
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.57	-64.16	-65.32	-65.33	-76.85
Vrx, V2(RM [dBm])	-66.12	-60.20	-64.92	-64.93	-76.13
Hrx, H2(RM [dBm])	-66.09	-50.10	-64.75	-64.84	-68.06

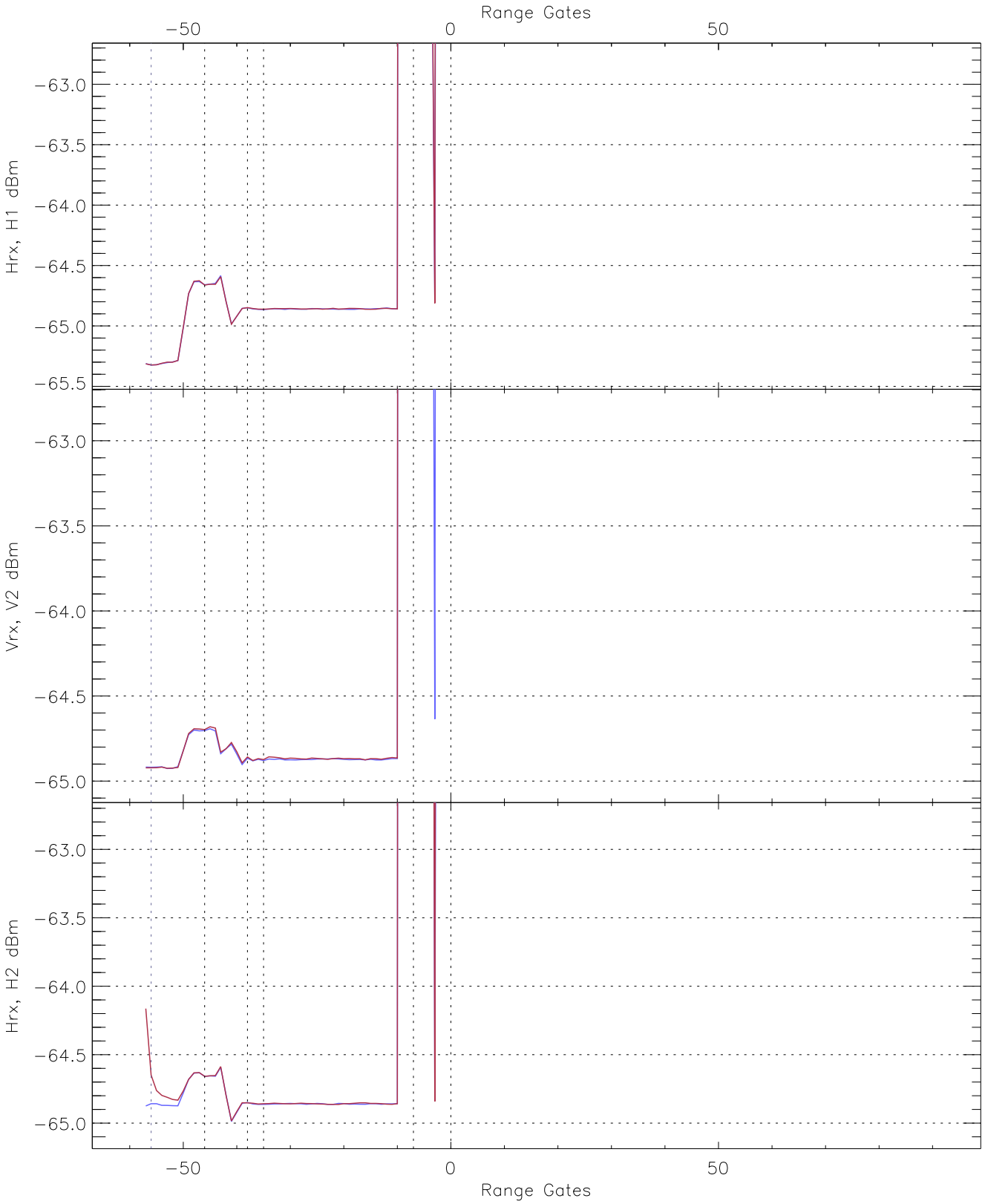


WCR3 CPP "Best" estimate Receivers Noise Power

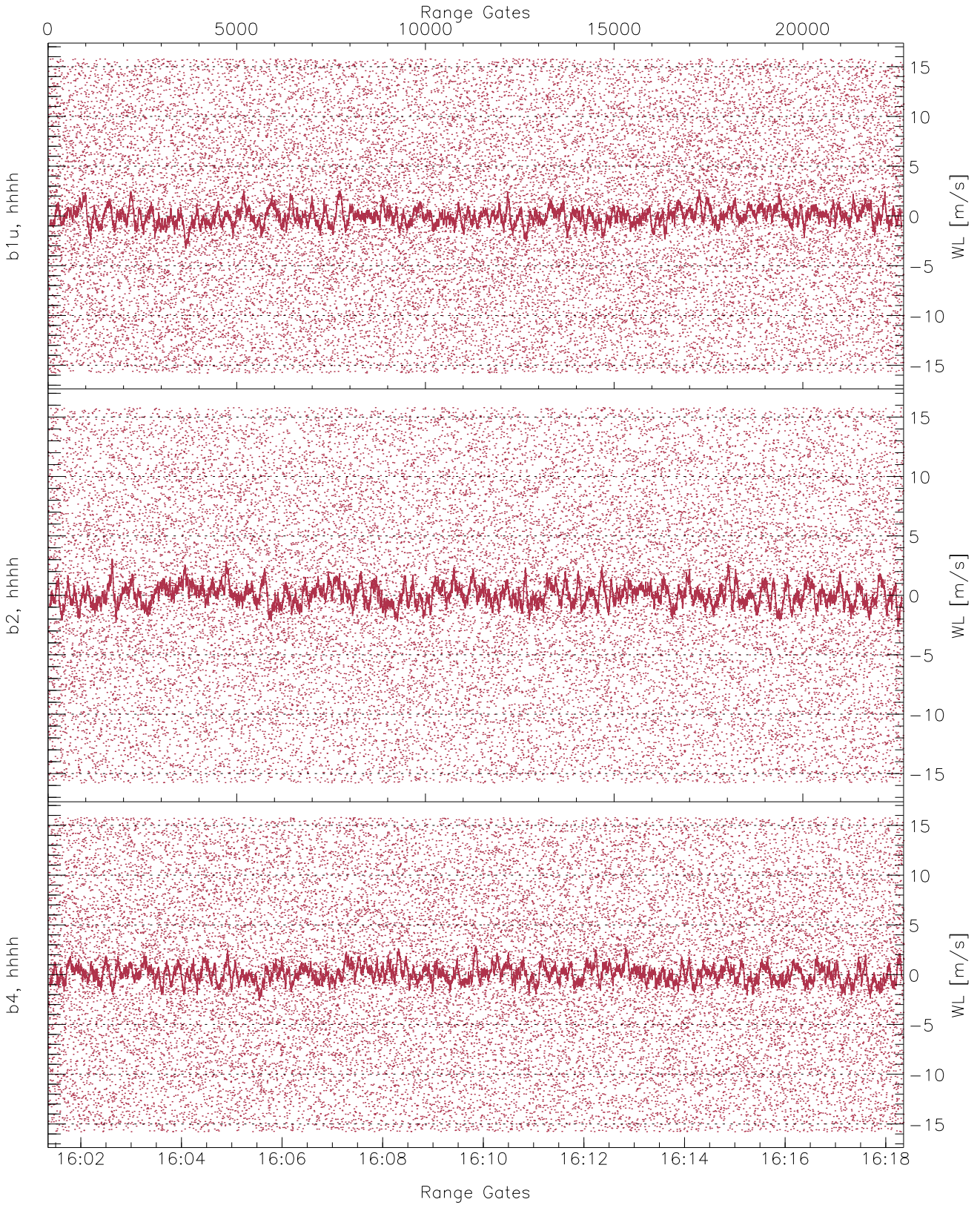
	Min	Max	Mean	Median	StDev
H1RG256_0 [dBm]	-66.60	-64.28	-65.32	-65.33	-76.86
V2WL3_0 [dBm]	-66.29	-63.66	-64.92	-64.93	-76.42
H1WL3_0 [dBm]	-66.12	-63.67	-64.86	-64.87	-76.36



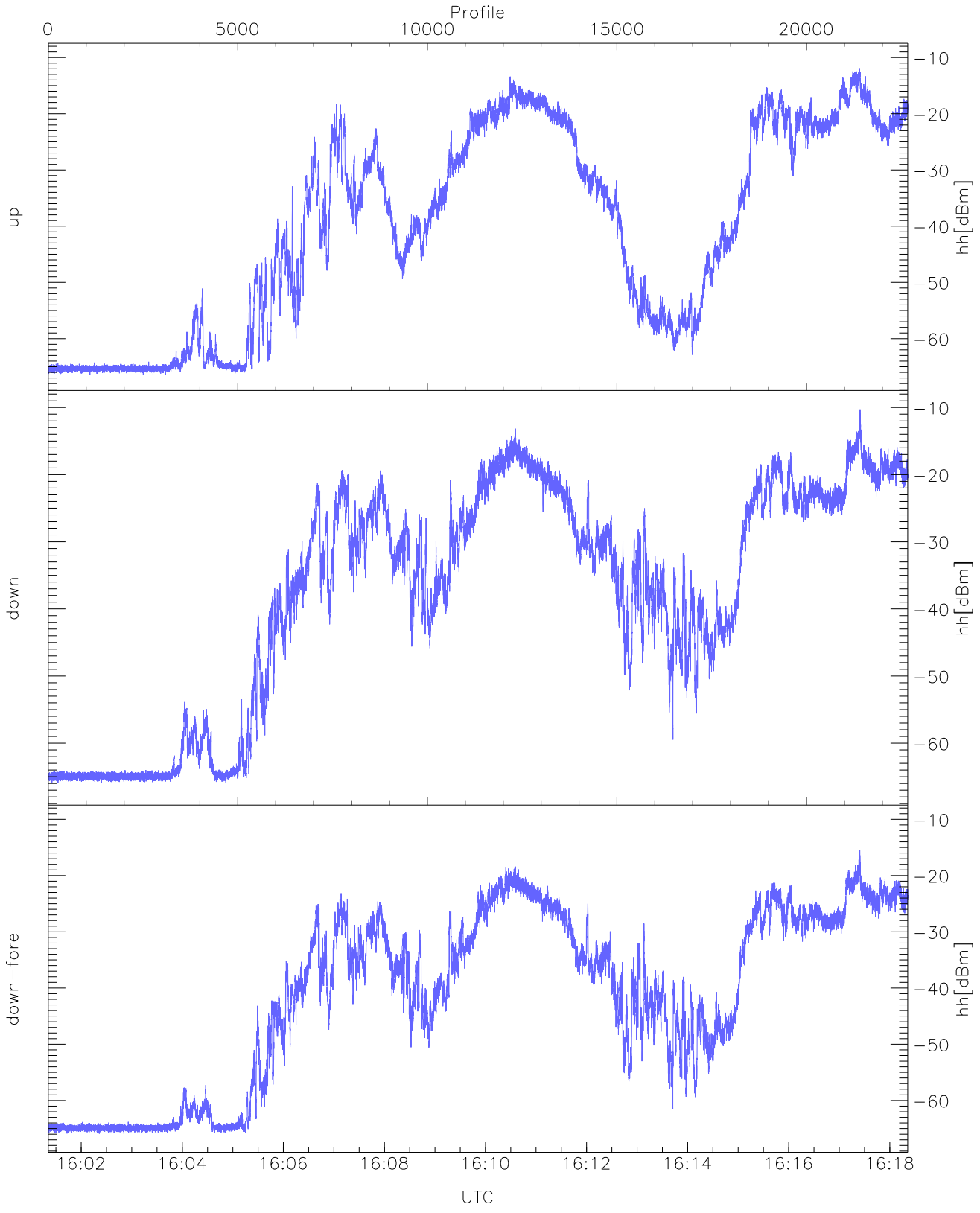
WCR3 CPP Averaged Received power for all recorded gates
blue: 160121-160951, 11337 profiles averaged
red: 160951-161821, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 160121-160951, 11337 profiles averaged
red: 160951-161821, 11336 profiles averaged

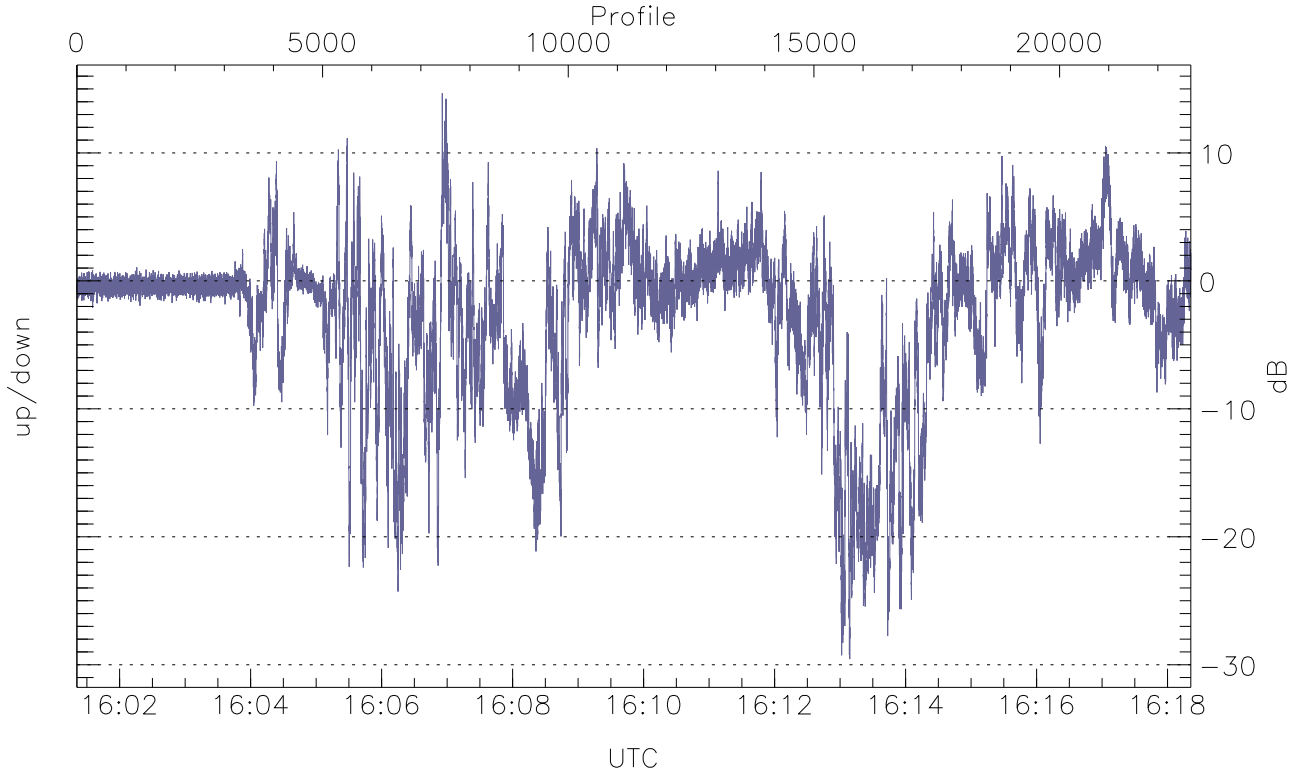


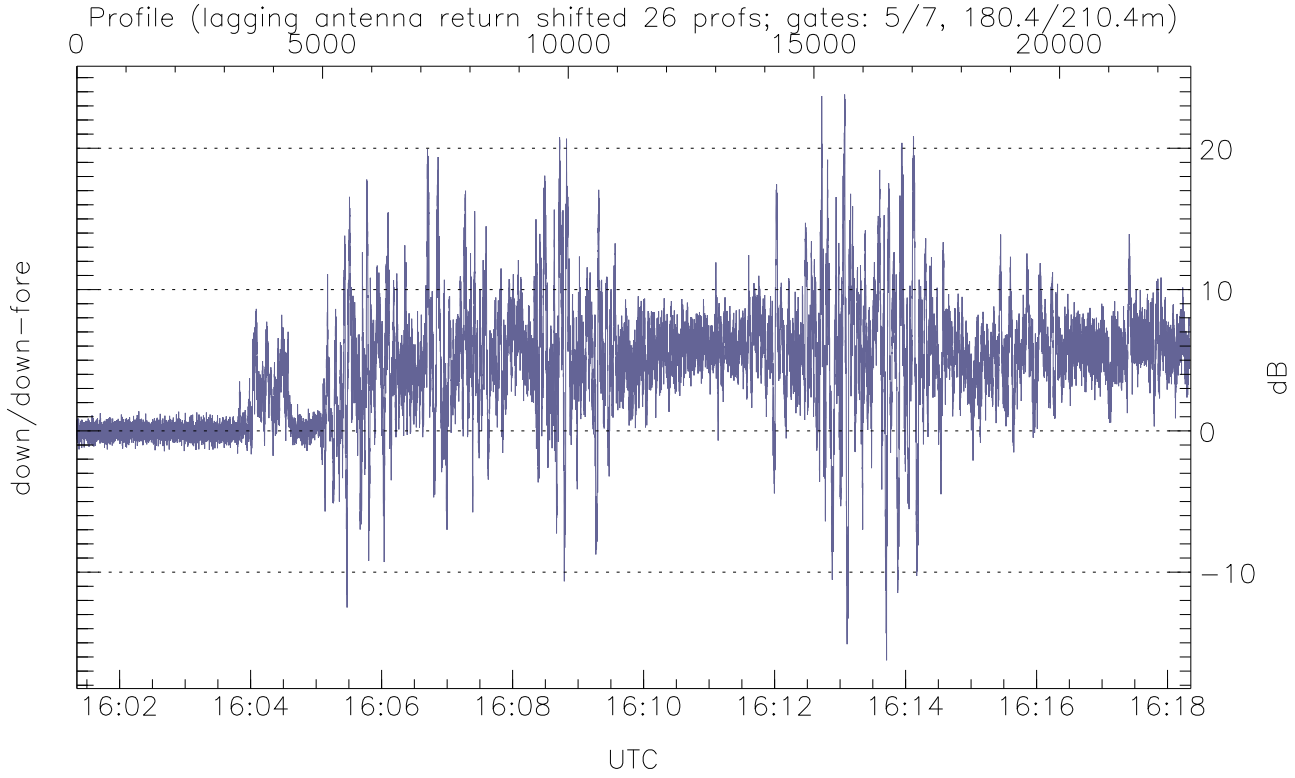
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

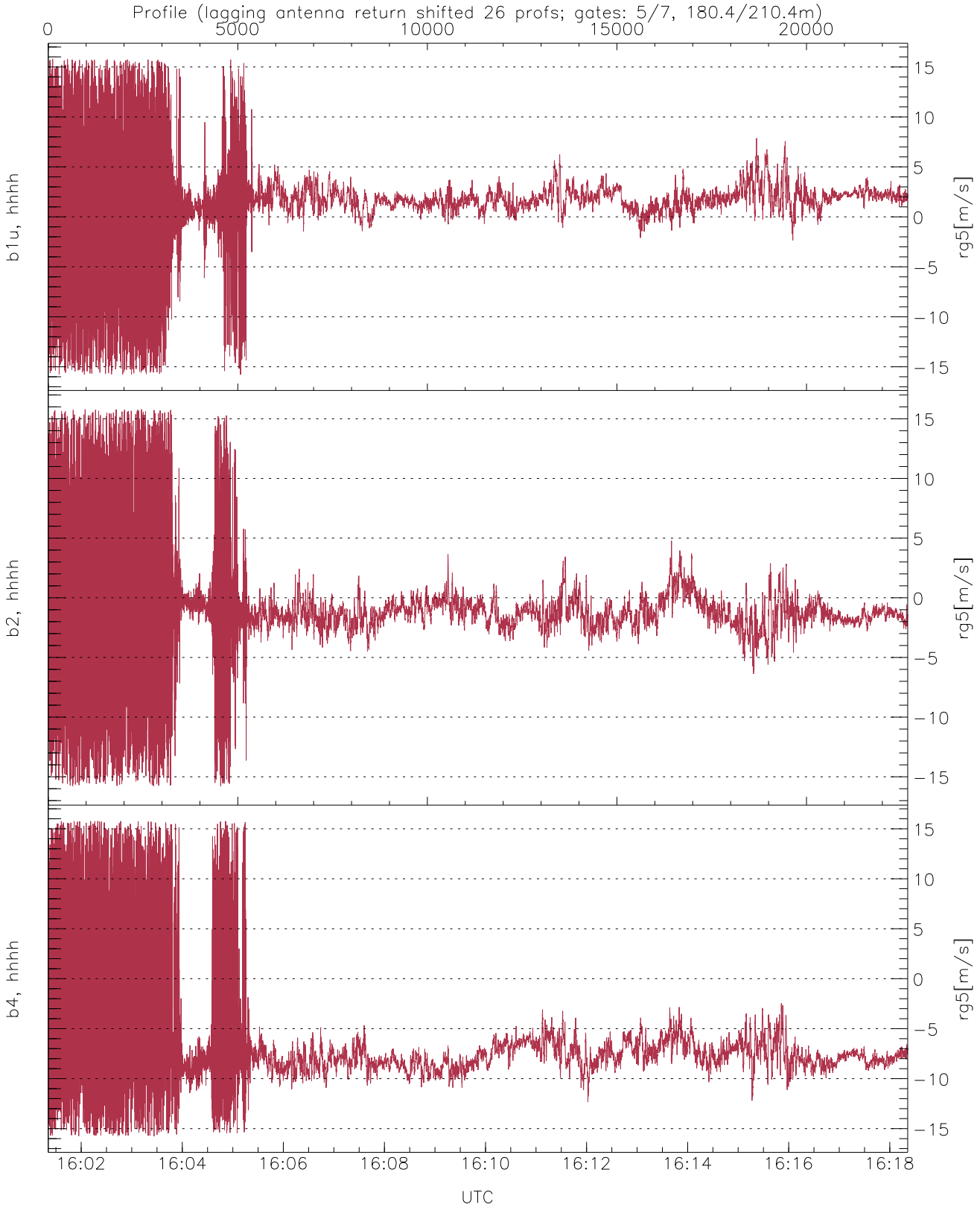
	Min	Max	Mean
up(hh[dBm])	-66.41	-11.91	-23.91
down(hh[dBm])	-65.95	-10.27	-24.29
down-fore(hh[dBm])	-65.92	-15.50	-28.80





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

	Min	Max	Mean
up/down(dB)	-29.56	14.66	-2.66
down/down-fore(dB)	-16.23	23.80	4.36



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.48	3.54
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.00	3.61
b4, hhhh(rg5[m/s])	-15.76	15.78	-6.42	4.71