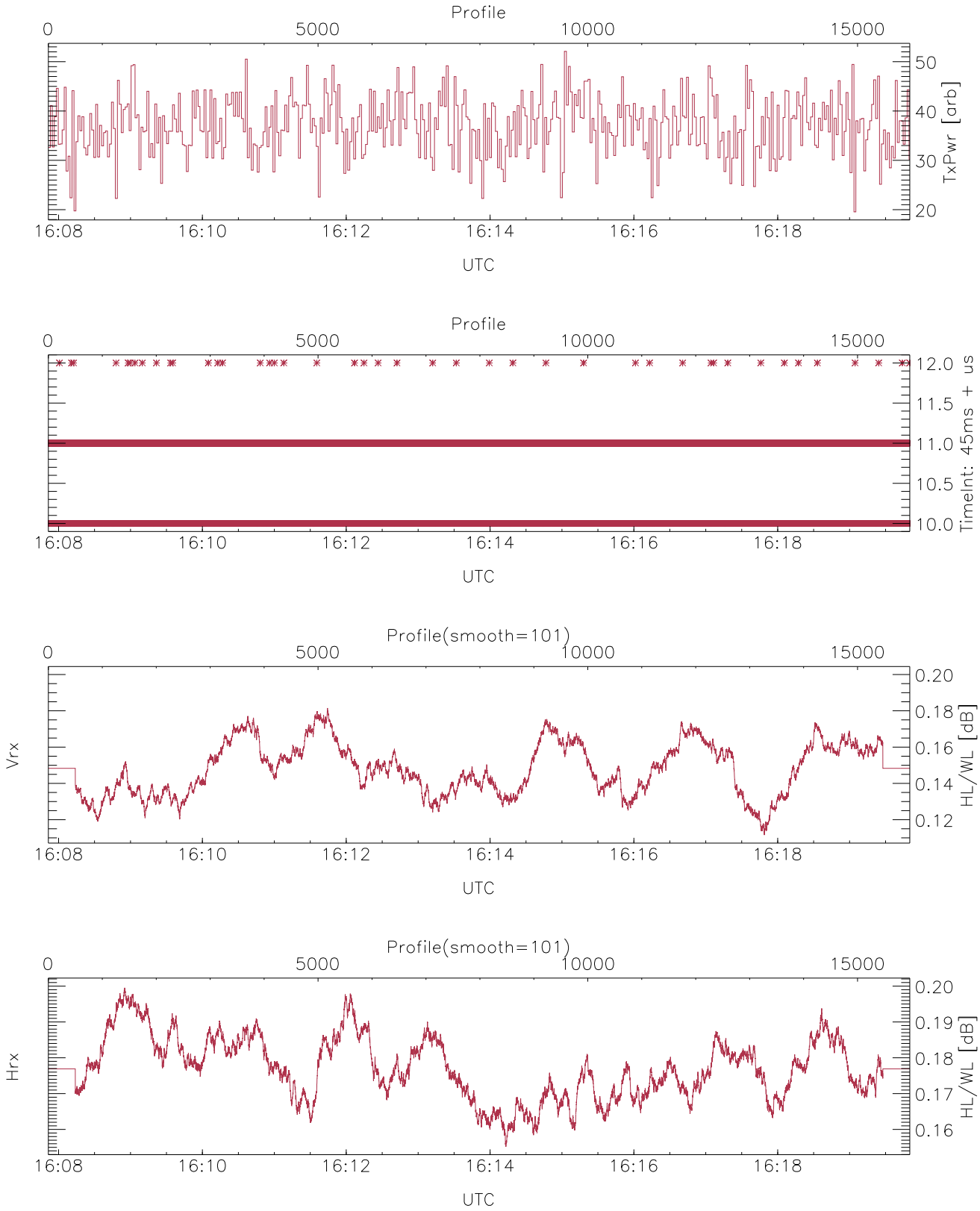
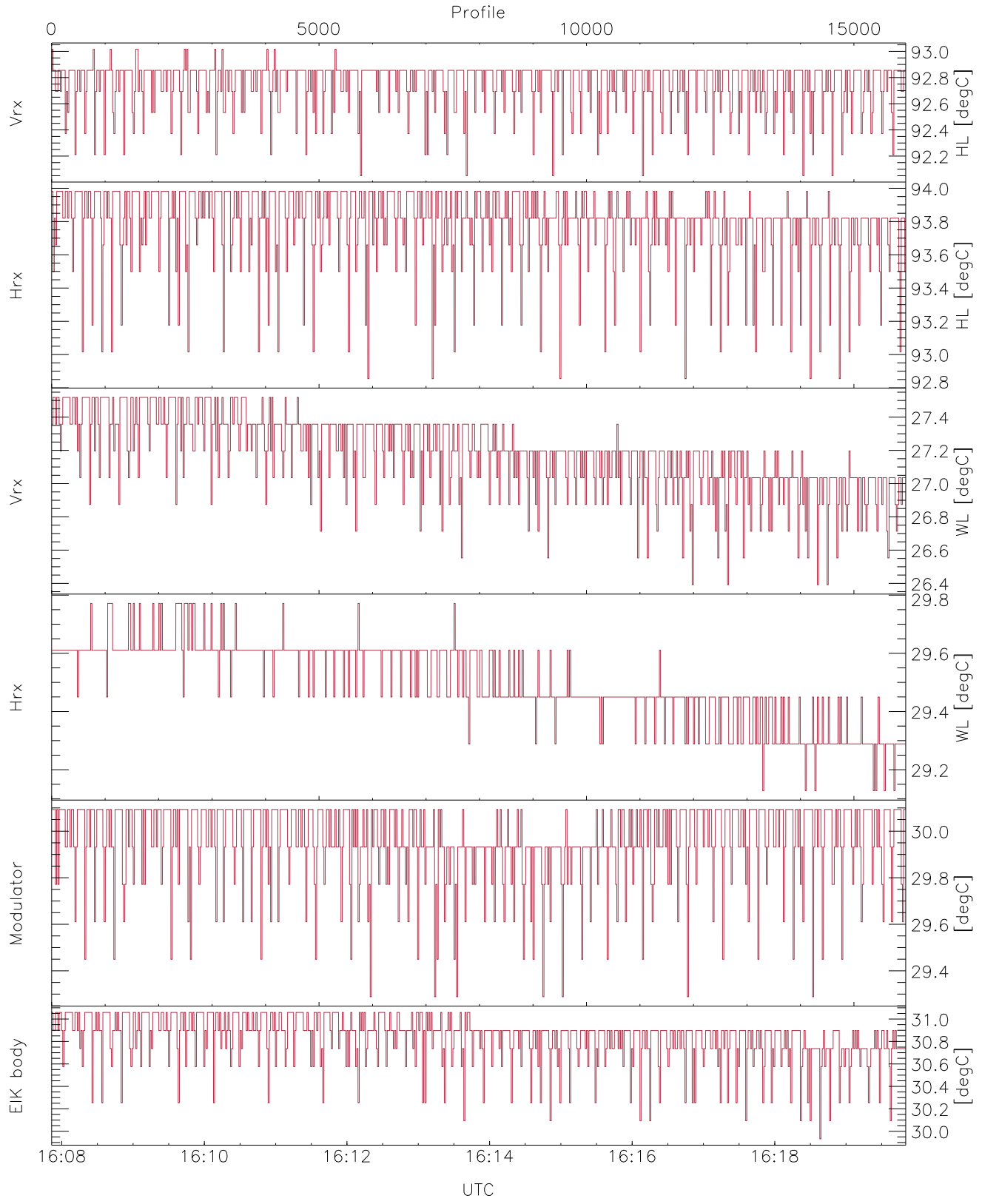


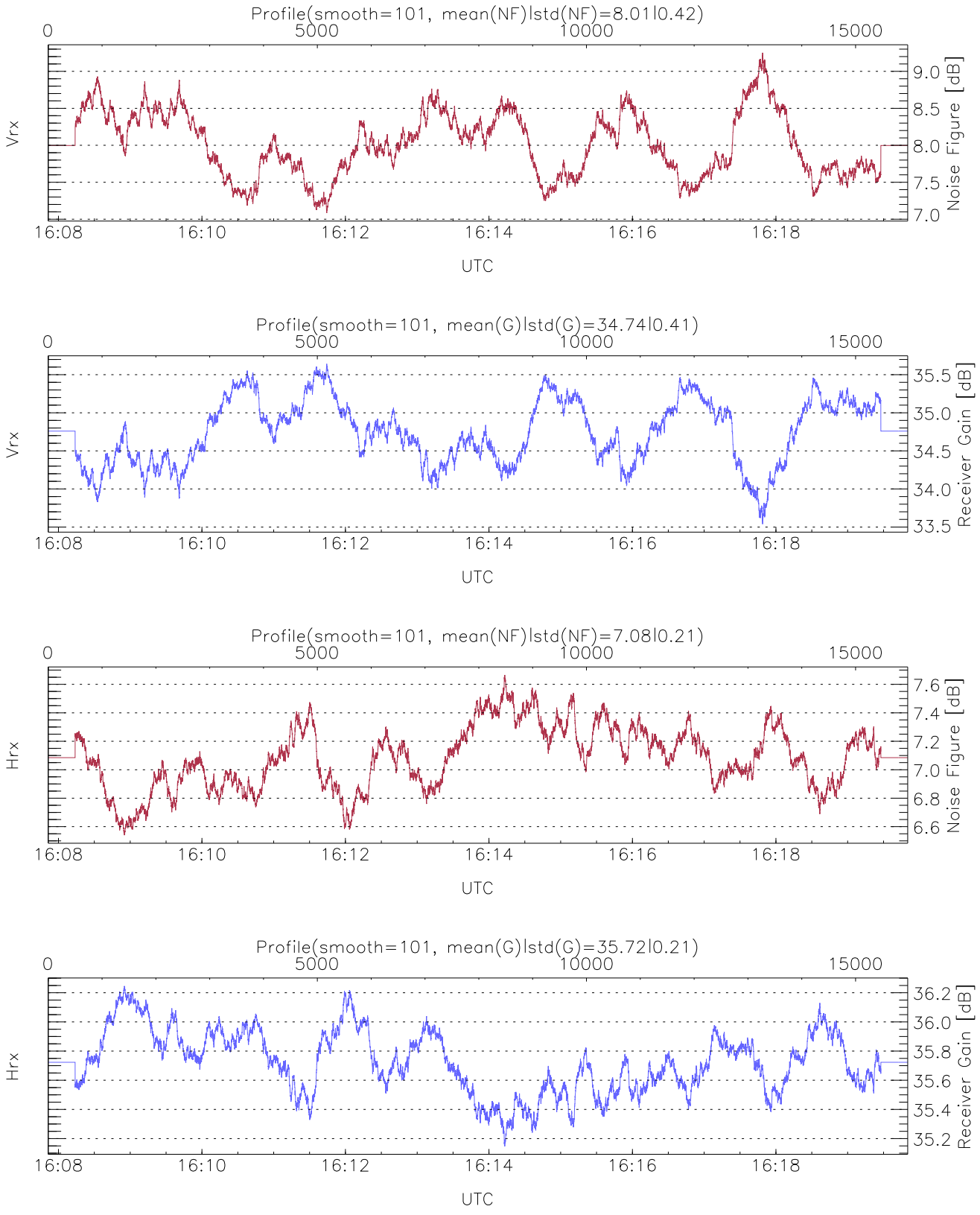
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:07:51-16:19:50, TimeCor: 0.00s, Dur: 718.78s
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): 15970/15970, 0-15969/16:07:51-16:19:50
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



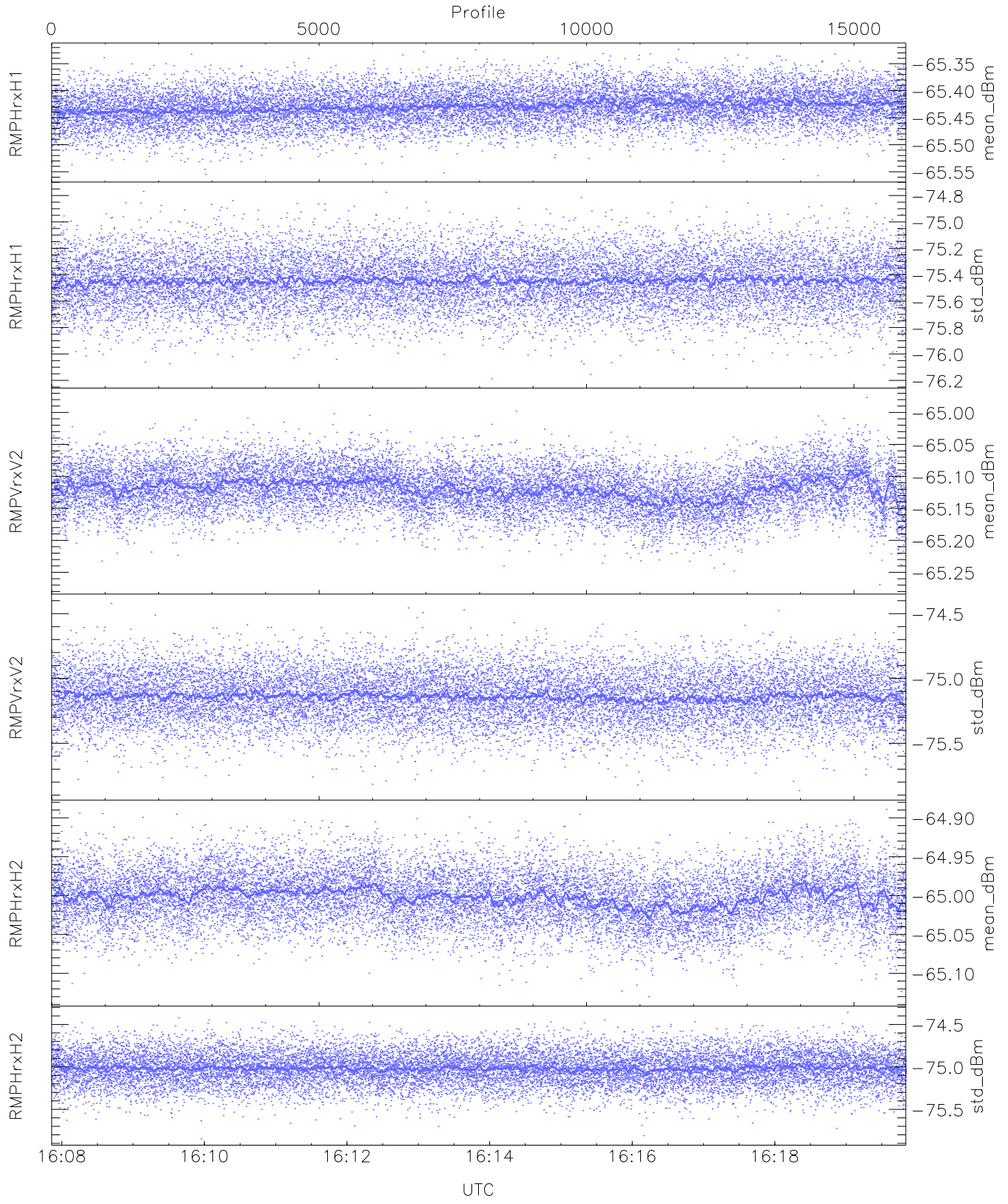
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,26,29,29,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,93,27,29,30,31
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
BodyCurr,DeckF (22,22)



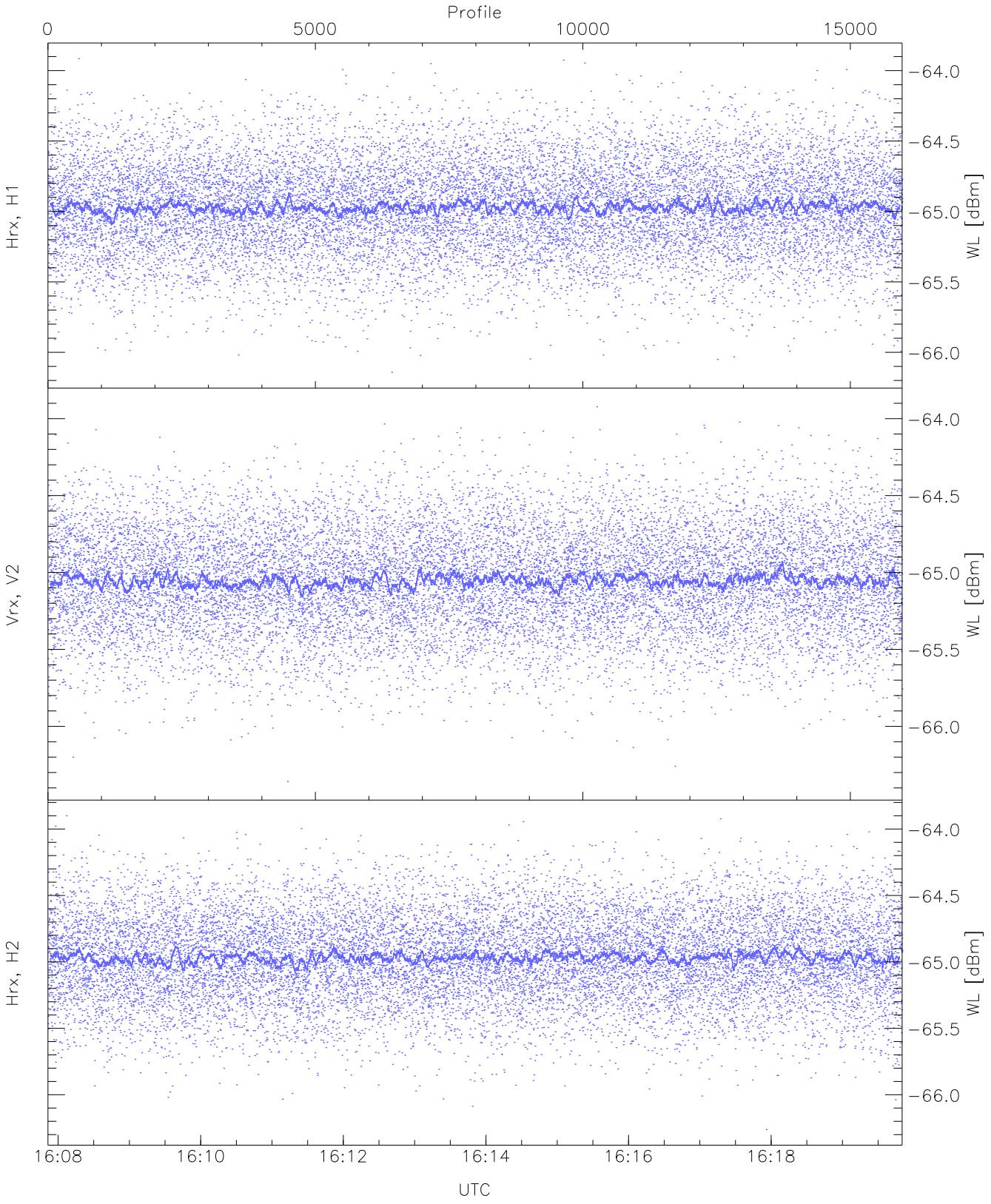
WCR3 CPP Receivers Gain and Noise Figure

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



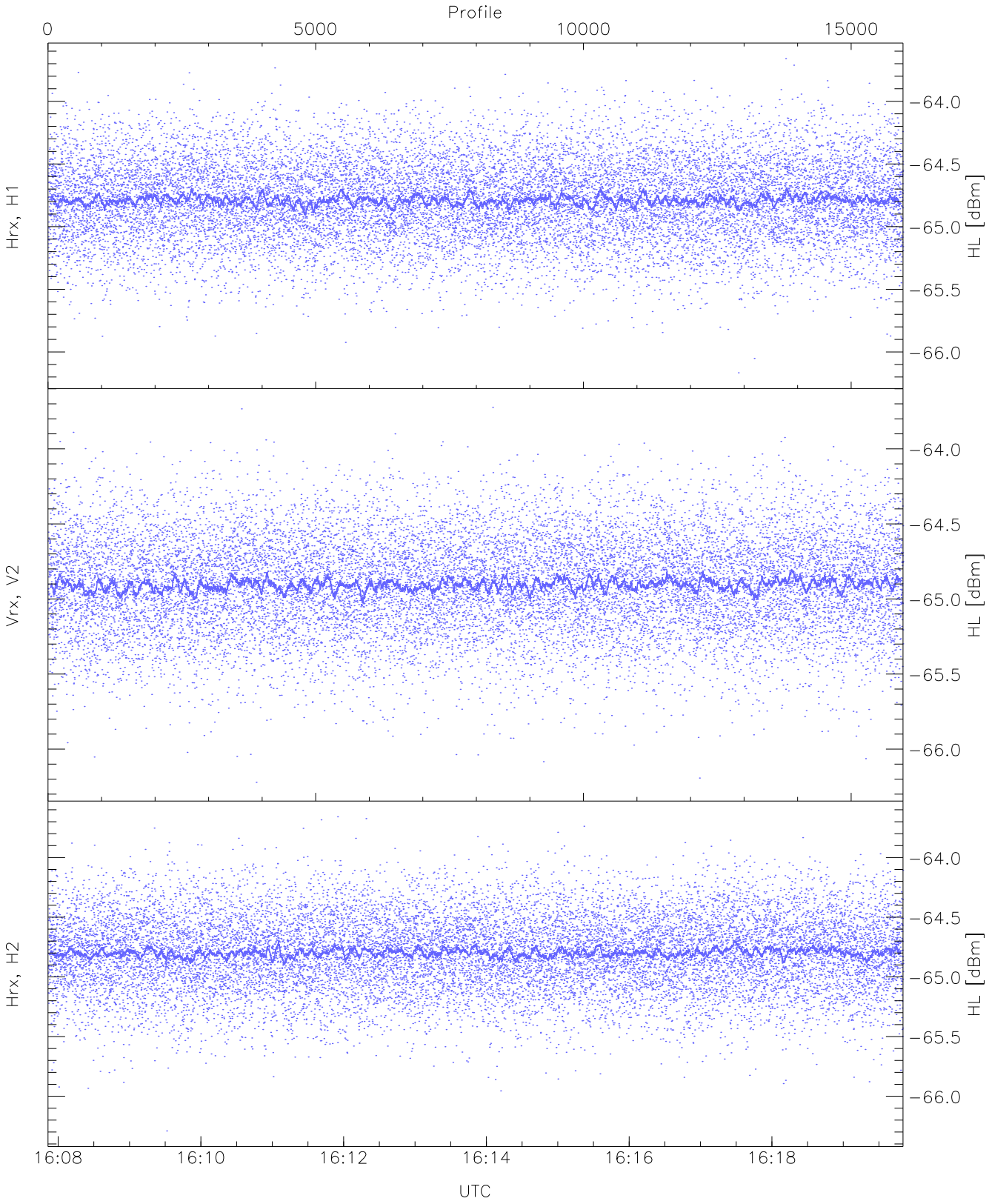
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.56	-65.32	-65.43	-65.43	-86.98
RMPHrxH1(std_dBm)	-76.19	-74.77	-75.45	-75.45	-89.21
RMPVrxV2(mean_dBm)	-65.27	-64.98	-65.12	-65.12	-86.40
RMPVrxV2(std_dBm)	-75.87	-74.42	-75.14	-75.14	-88.94
RMPHrxH2(mean_dBm)	-65.13	-64.89	-65.00	-65.00	-86.41
RMPHrxH2(std_dBm)	-75.85	-74.36	-75.02	-75.02	-88.84



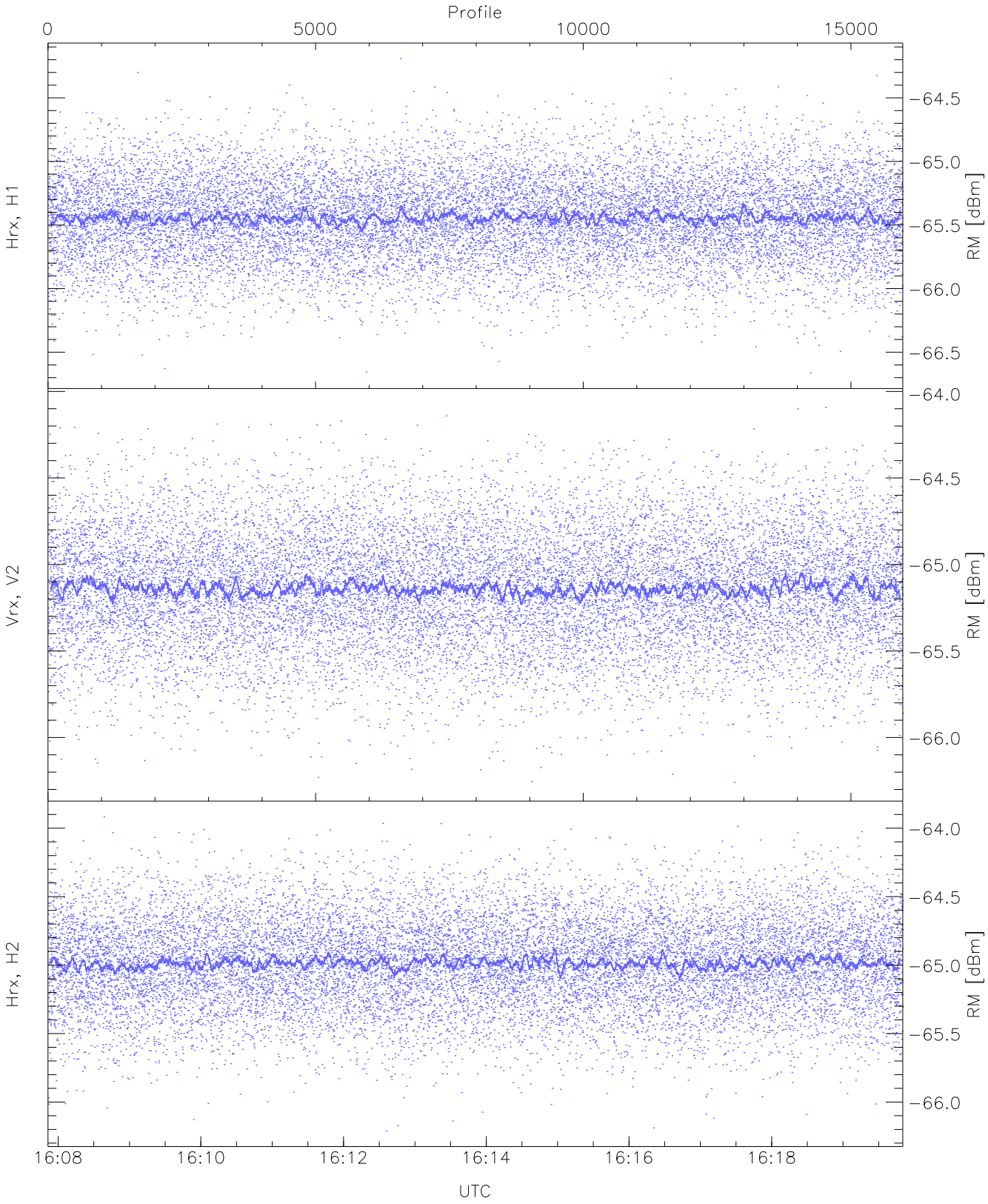
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.14	-63.91	-64.96	-64.97	-76.50
Vrx, V2(WL [dBm])	-66.36	-63.92	-65.05	-65.05	-76.55
Hrx, H2(WL [dBm])	-66.26	-63.90	-64.96	-64.97	-76.47



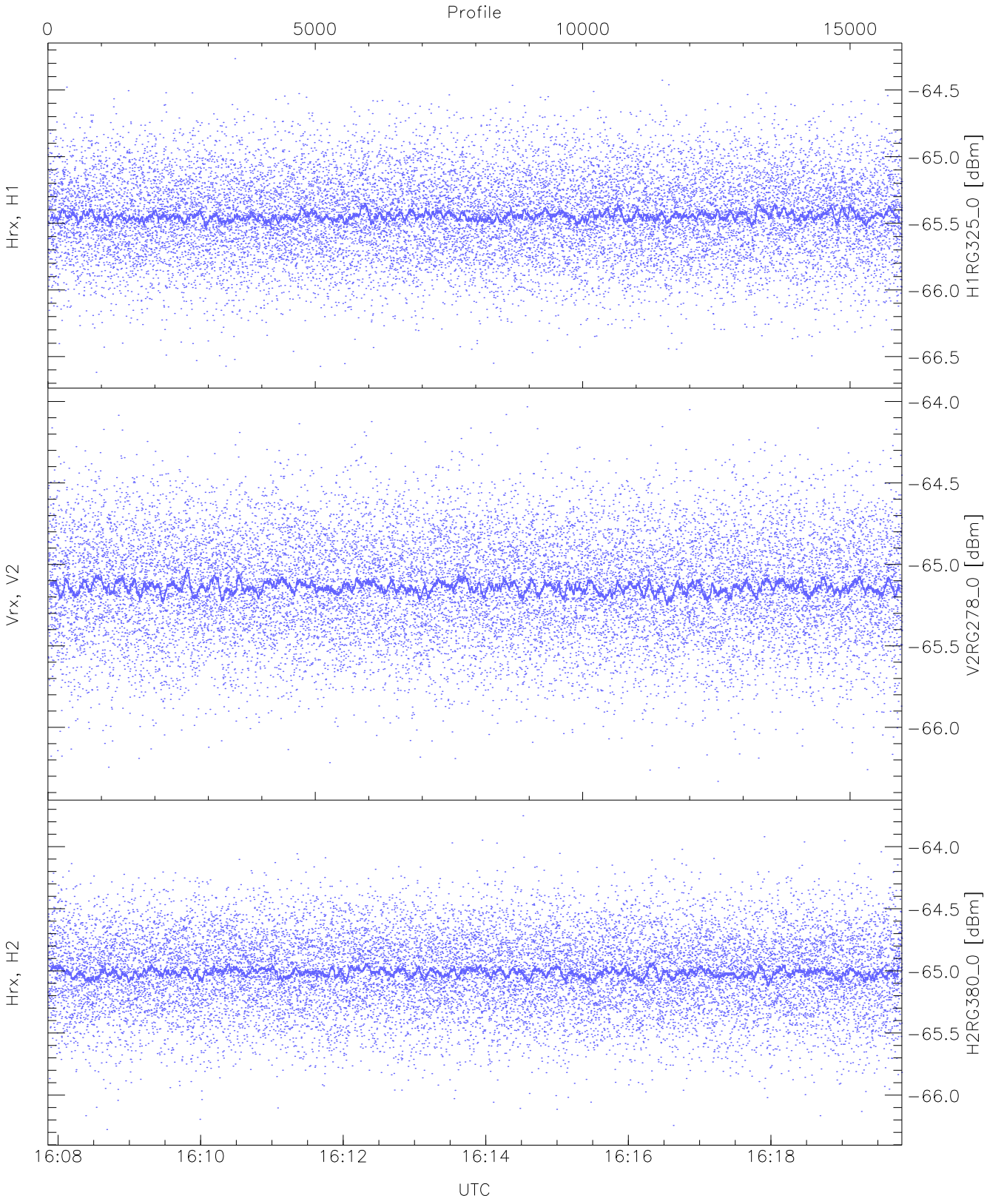
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.17	-63.66	-64.78	-64.79	-76.26
Vrx, V2(HL [dBm])	-66.22	-63.72	-64.90	-64.90	-76.39
Hrx, H2(HL [dBm])	-66.29	-63.66	-64.79	-64.79	-76.33



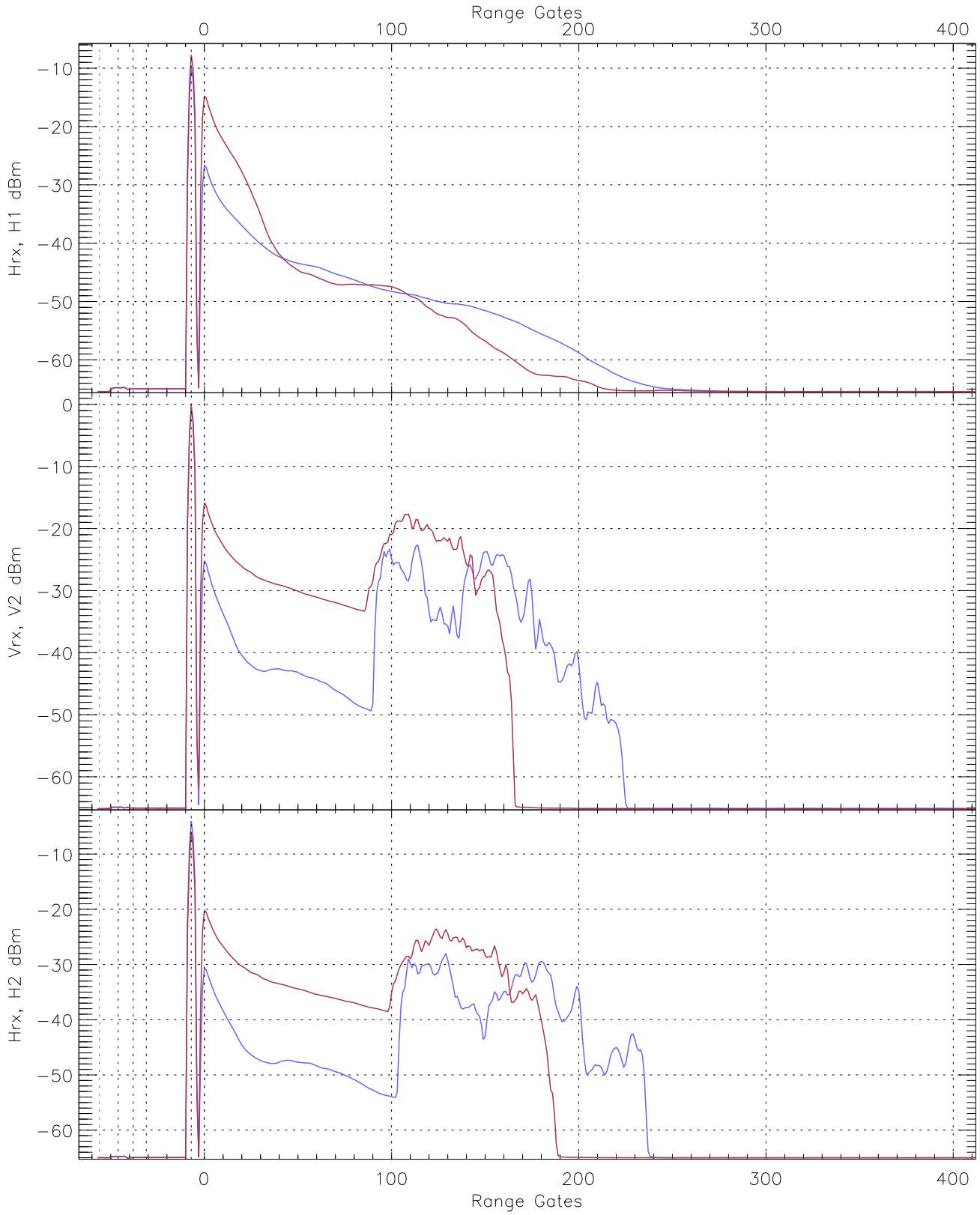
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.66	-64.19	-65.44	-65.44	-76.92
Vrx, V2(RM [dBm])	-66.26	-64.09	-65.13	-65.14	-76.64
Hrx, H2(RM [dBm])	-66.21	-63.92	-64.98	-64.99	-76.46

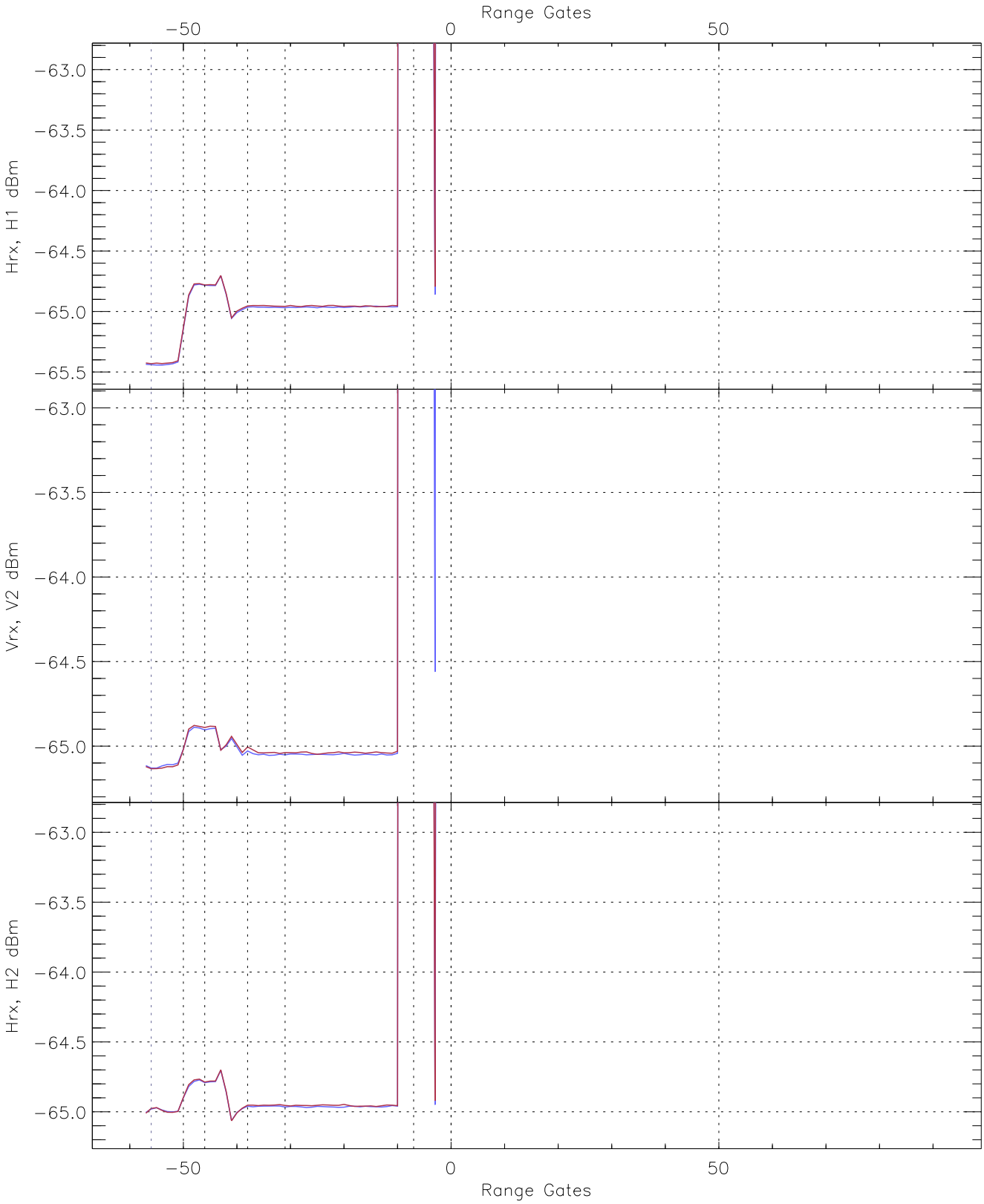


WCR3 CPP "Best" estimate Receivers Noise Power

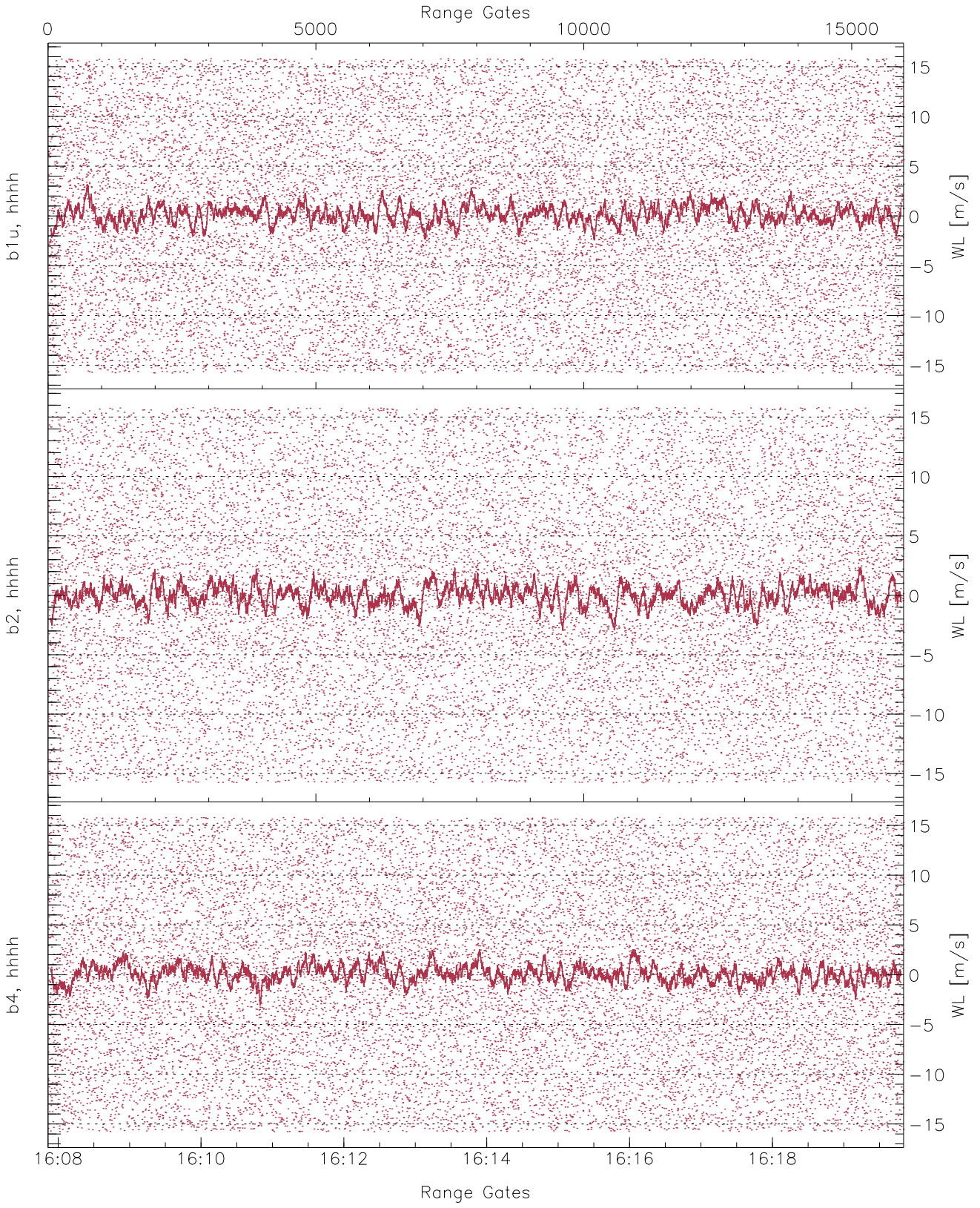
	Min	Max	Mean	Median	StDev
H1RG325_0 [dBm]	-66.62	-64.26	-65.44	-65.45	-76.95
V2RG278_0 [dBm]	-66.33	-64.03	-65.13	-65.14	-76.61
H2RG380_0 [dBm]	-66.28	-63.75	-65.01	-65.01	-76.49



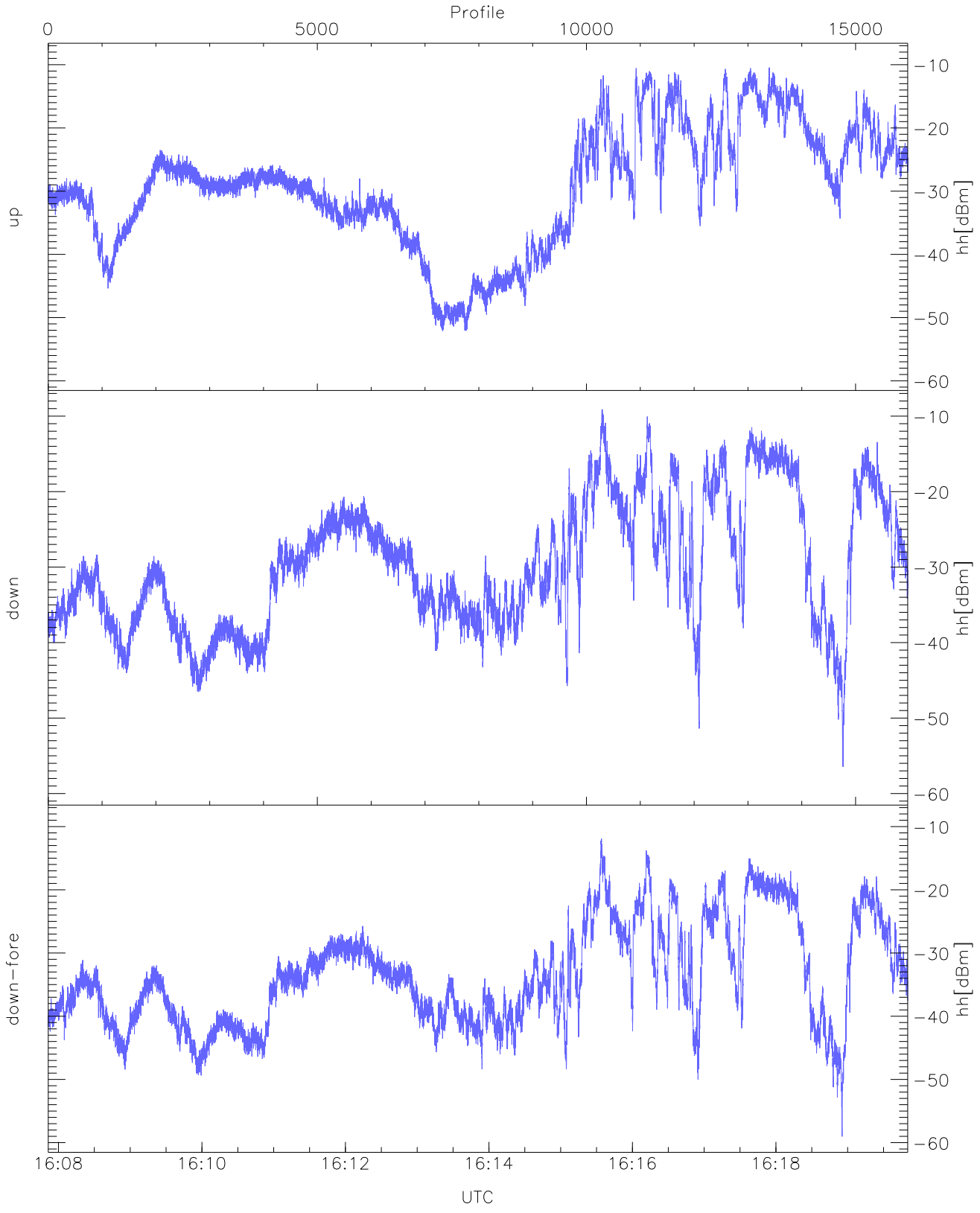
WCR3 CPP Averaged Received power for all recorded gates
blue: 160751-161351, 7986 profiles averaged
red: 161351-161950, 7985 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 160751-161351, 7986 profiles averaged
red: 161351-161950, 7985 profiles averaged

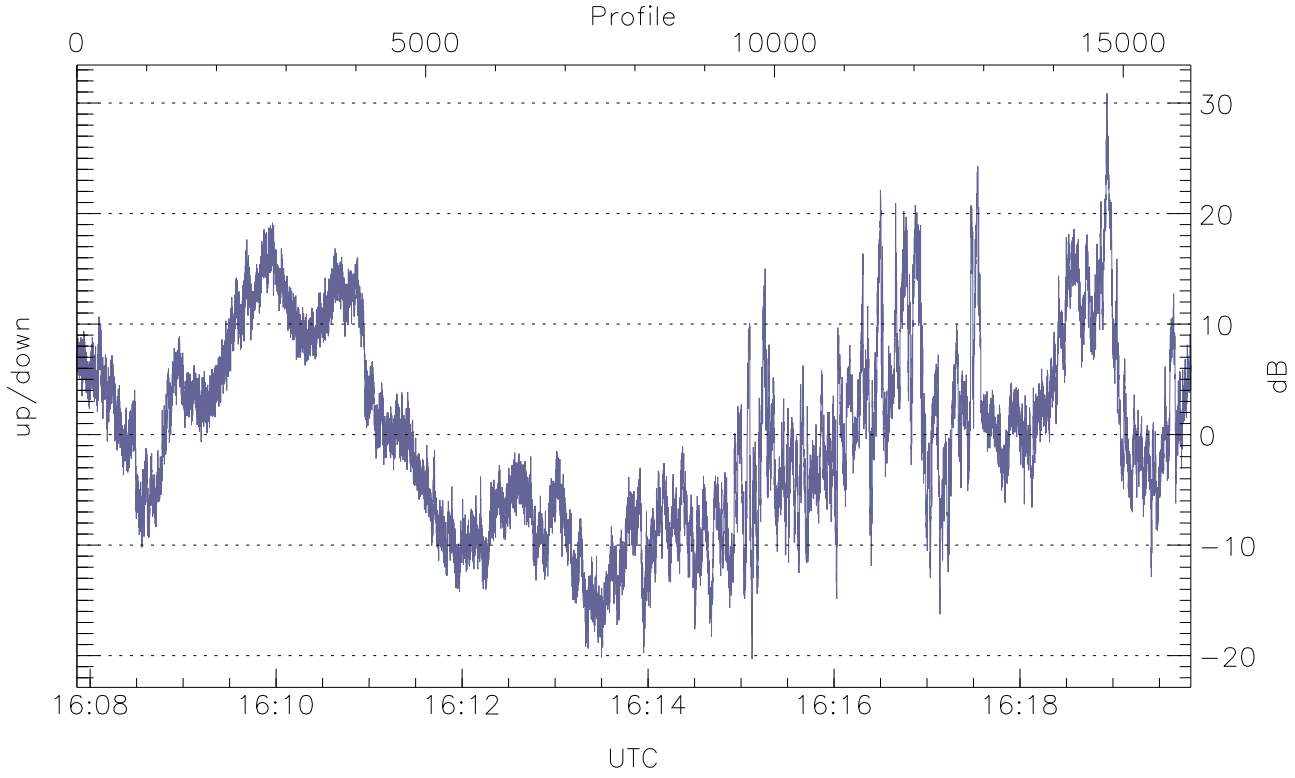


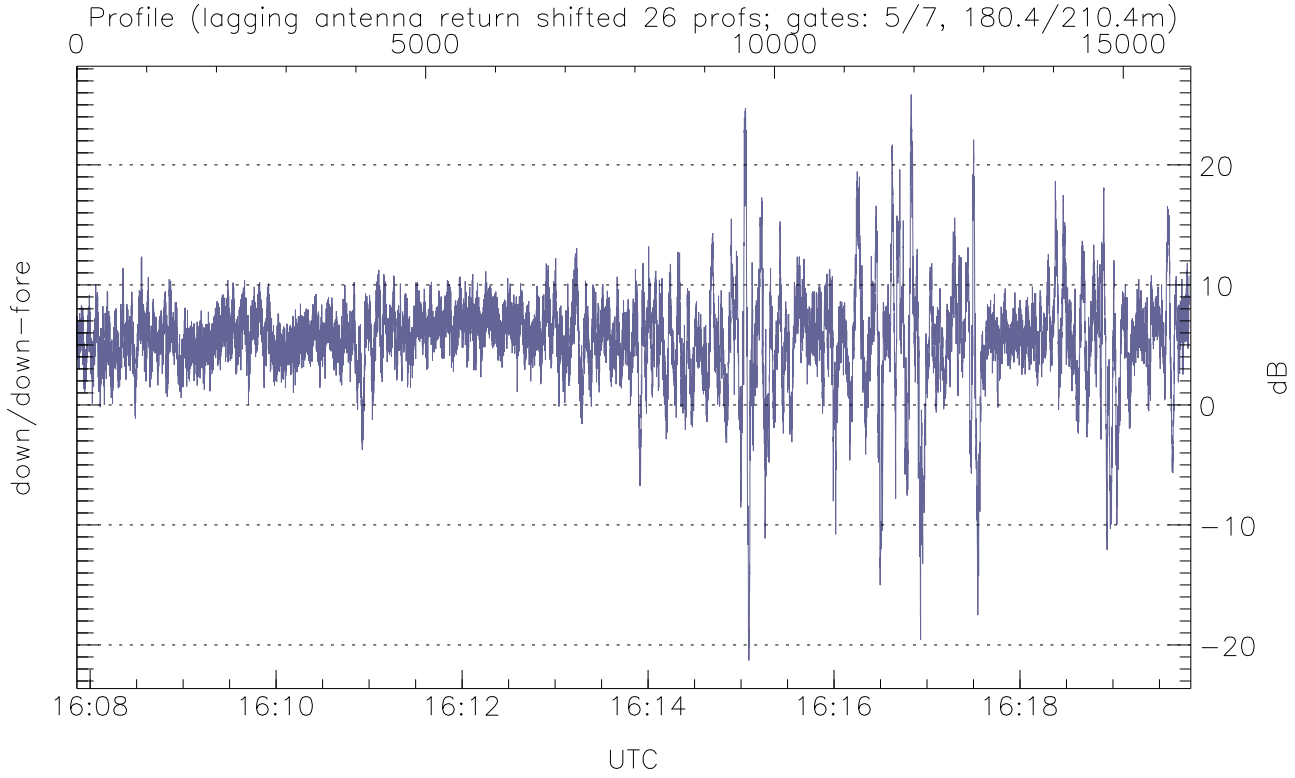
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

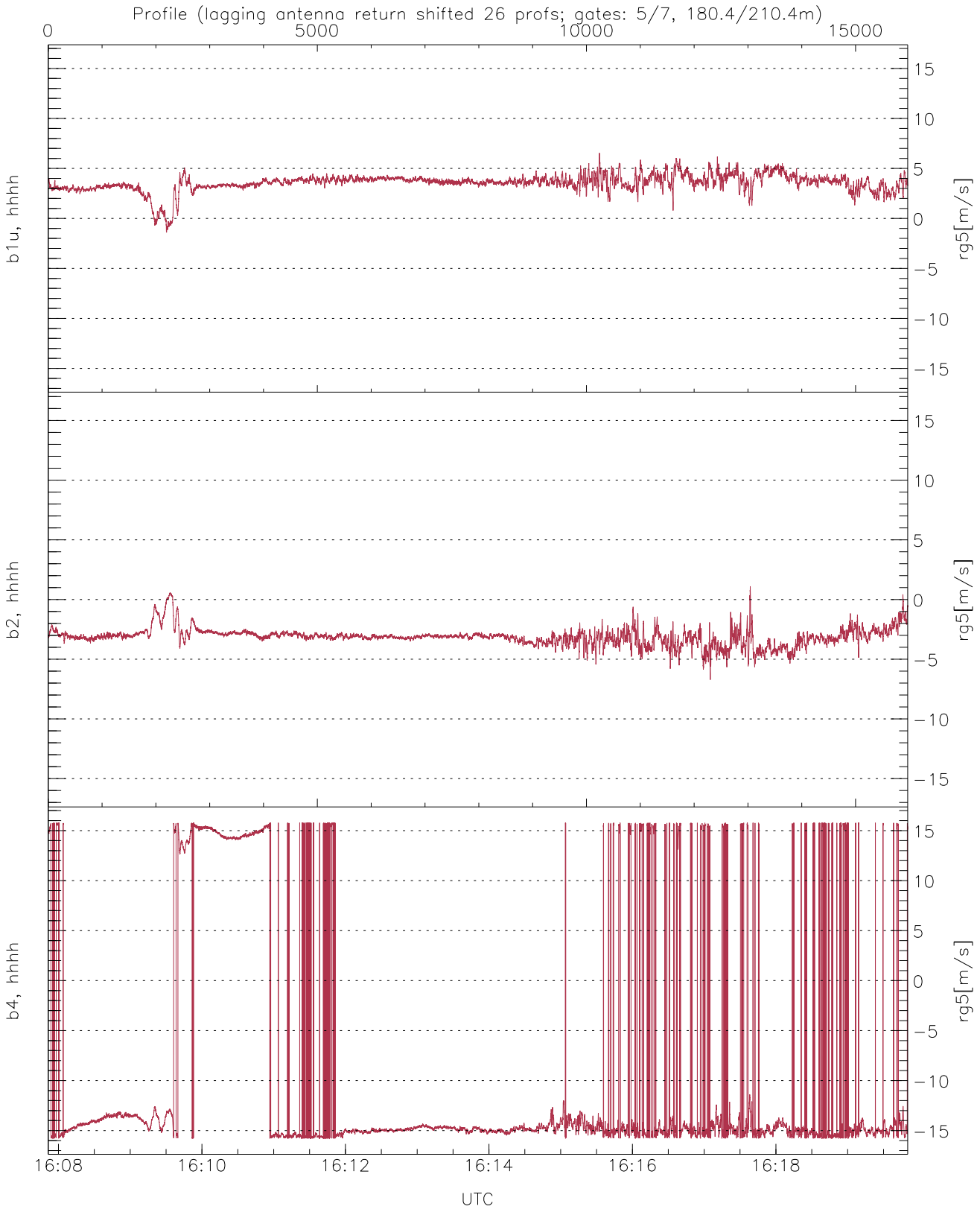
	Min	Max	Mean
up(hh[dBm])	-52.14	-10.44	-21.80
down(hh[dBm])	-56.47	-9.10	-22.53
down-fore(hh[dBm])	-59.03	-11.90	-26.63





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

	Min	Max	Mean
up/down(dB)	-20.31	30.88	0.26
down/down-fore(dB)	-21.28	25.86	5.48



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.41	6.55	3.54	0.86
b2, hhhh(rg5[m/s])	-6.72	1.11	-3.12	0.74
b4, hhhh(rg5[m/s])	-15.79	15.79	-9.41	11.50