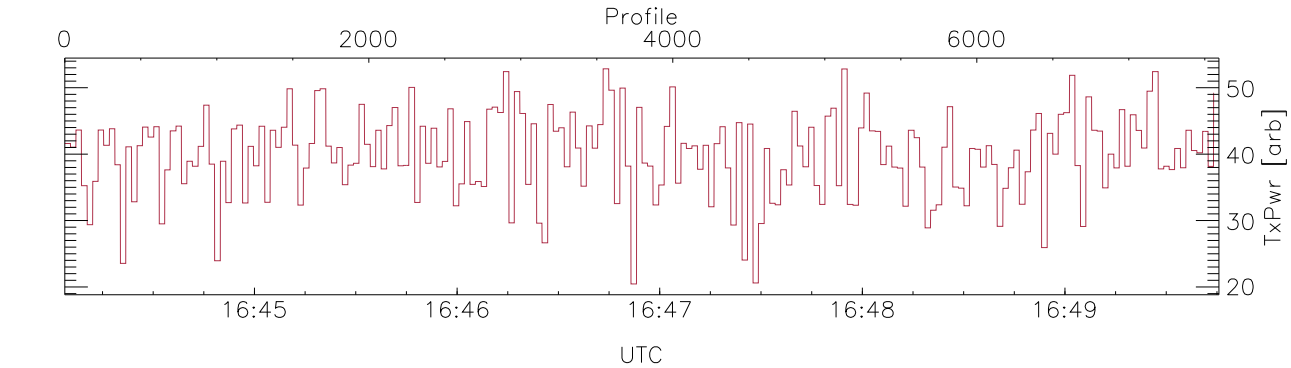
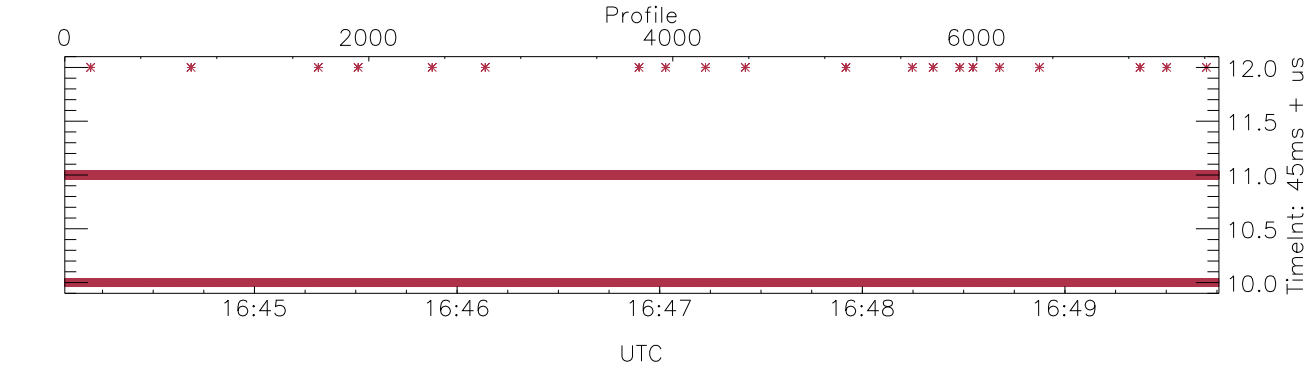
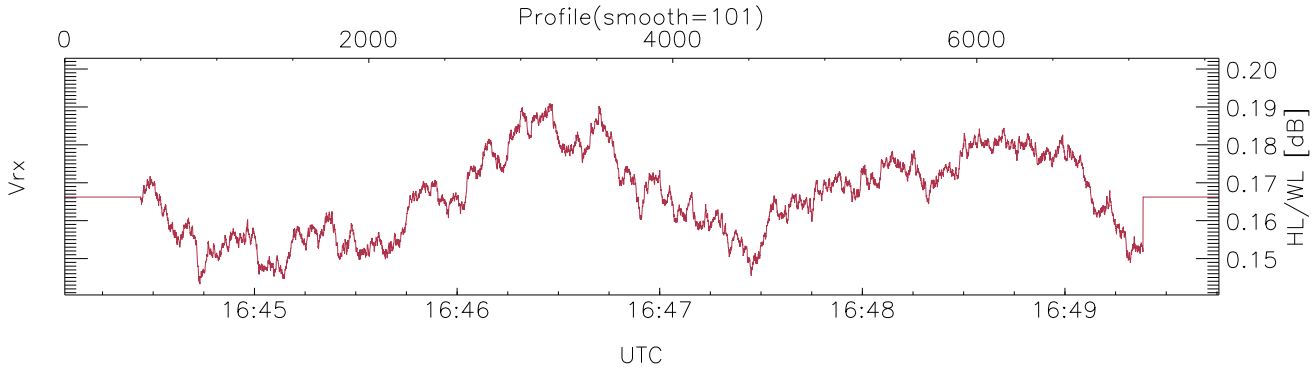
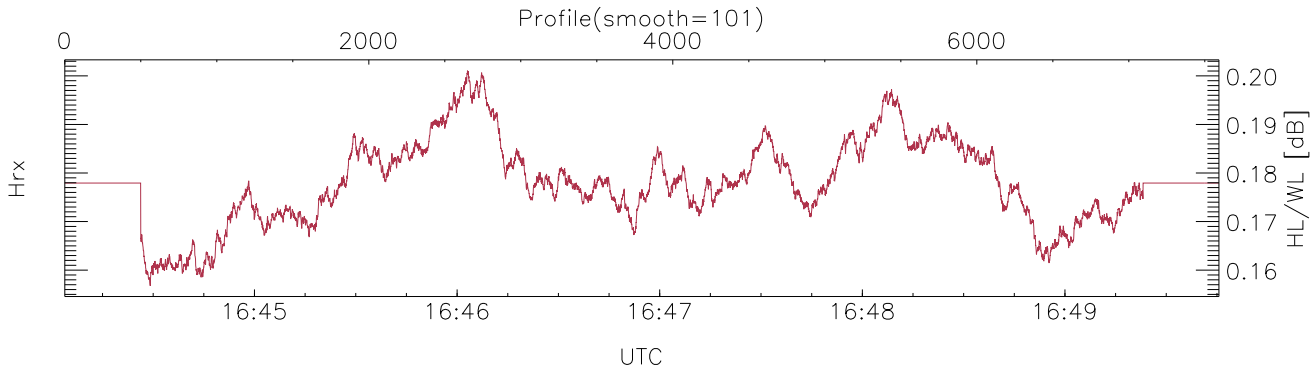


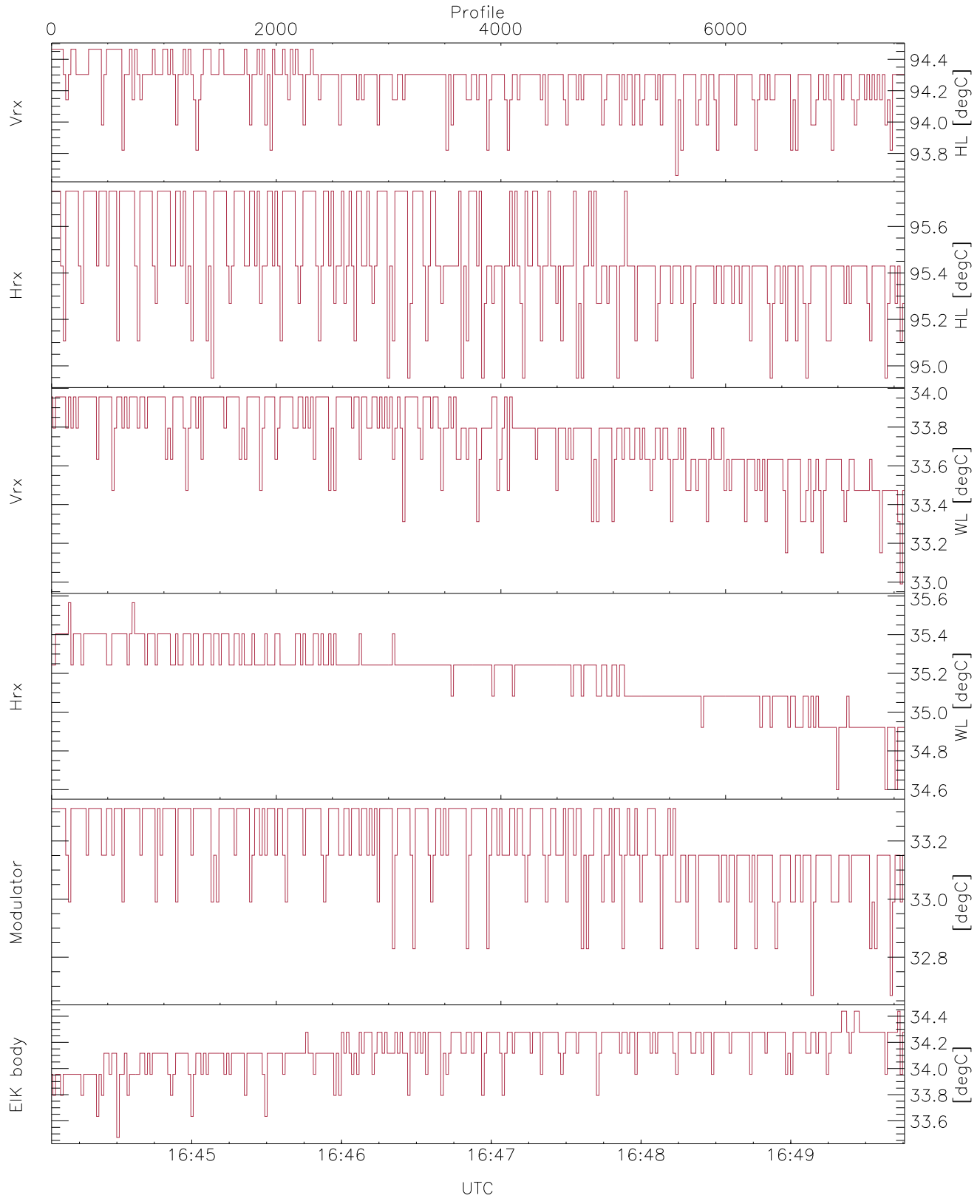






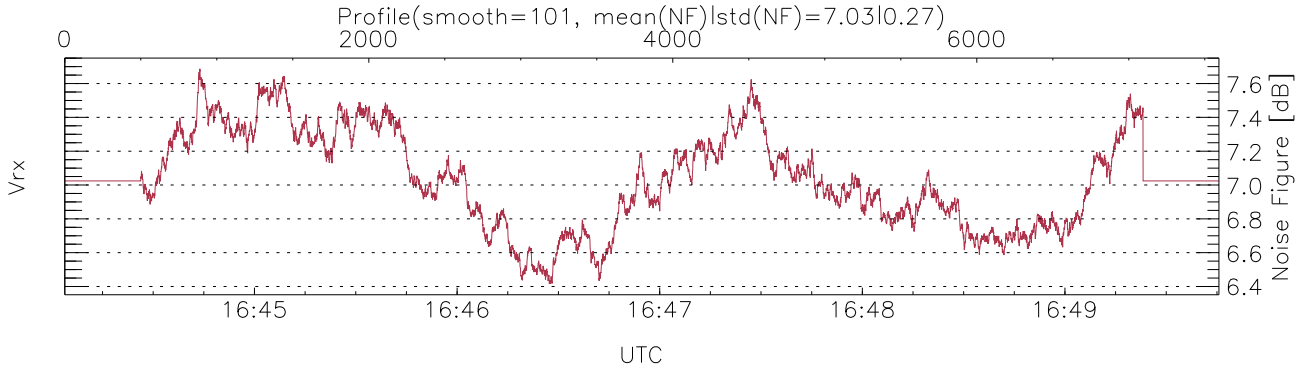
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

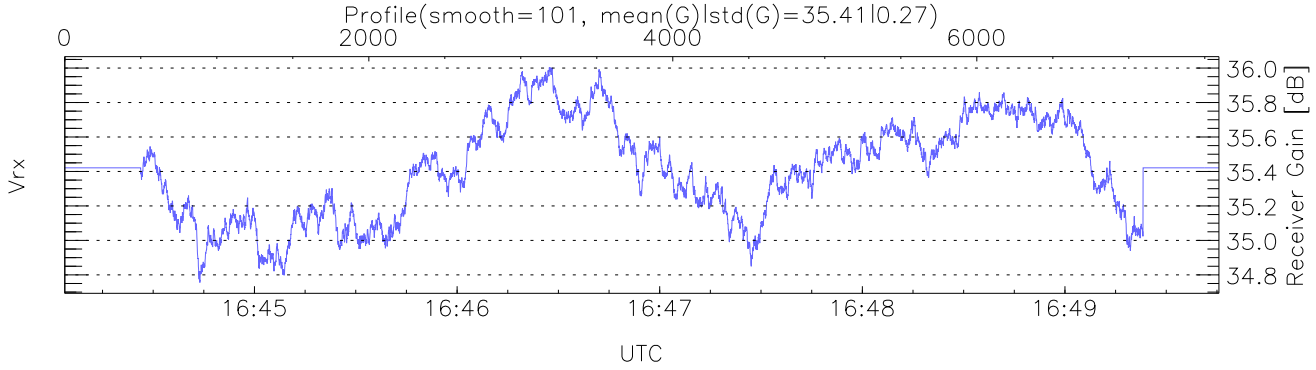
UTC: 16:44:04-16:49:46, TimeCor: 0.00s, Dur: 341.77s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 7594/7594, 0-7593/16:44:04-16:49:46
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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

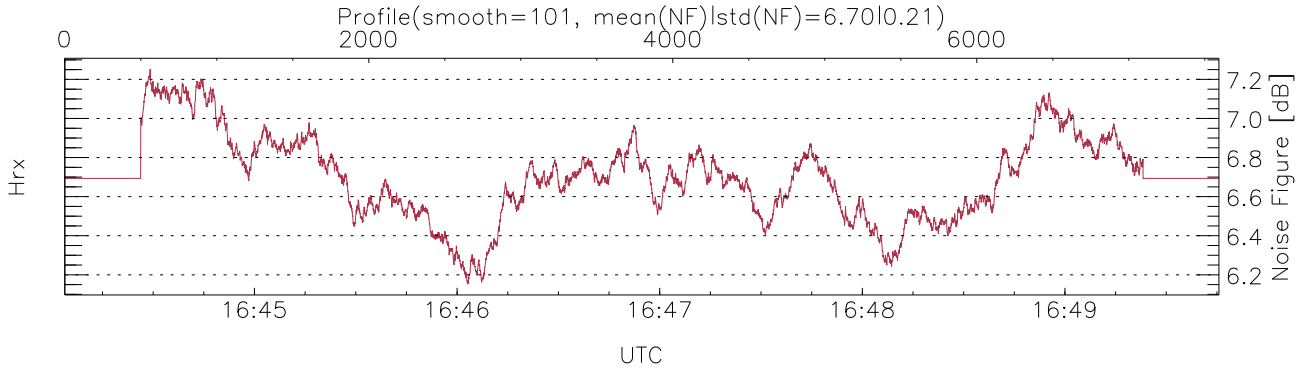


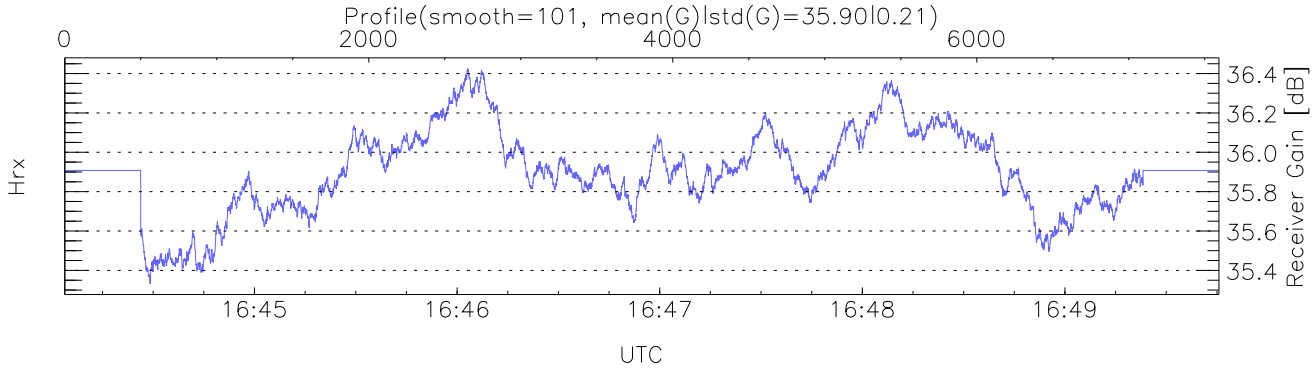
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,32,34,32,33
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,33,35,33,34
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



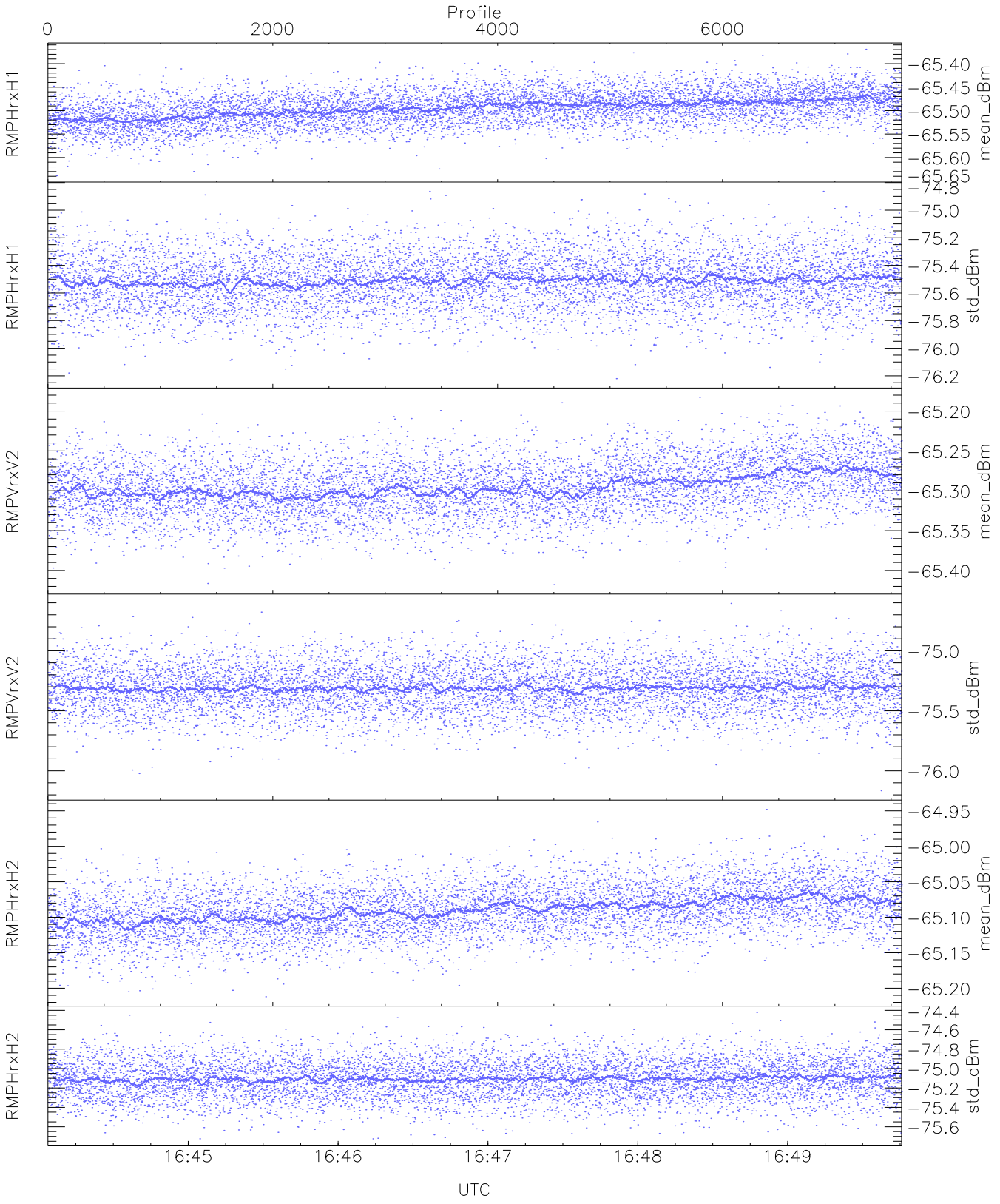






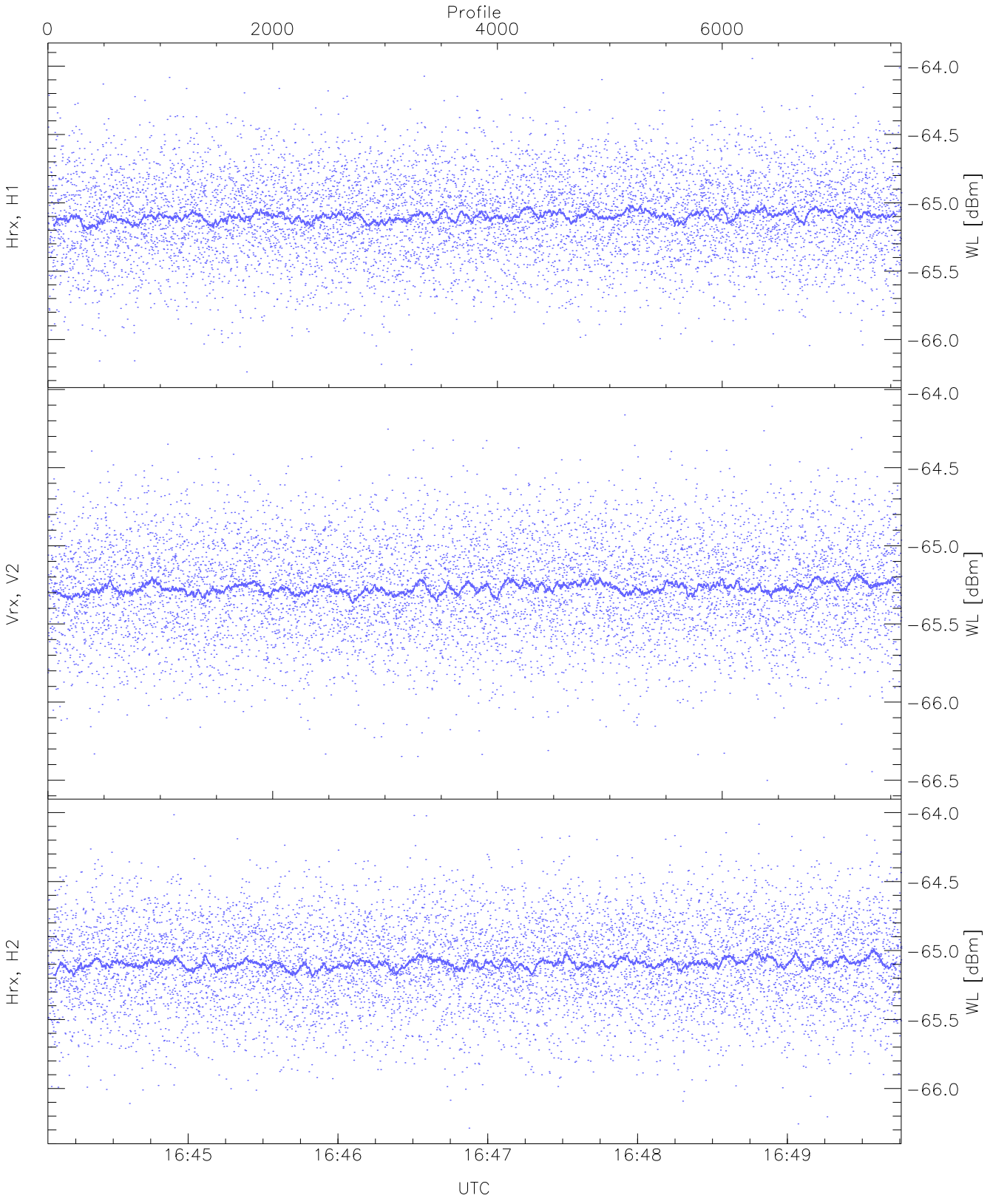
WCR3 CPP Receivers Gain and Noise Figure

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



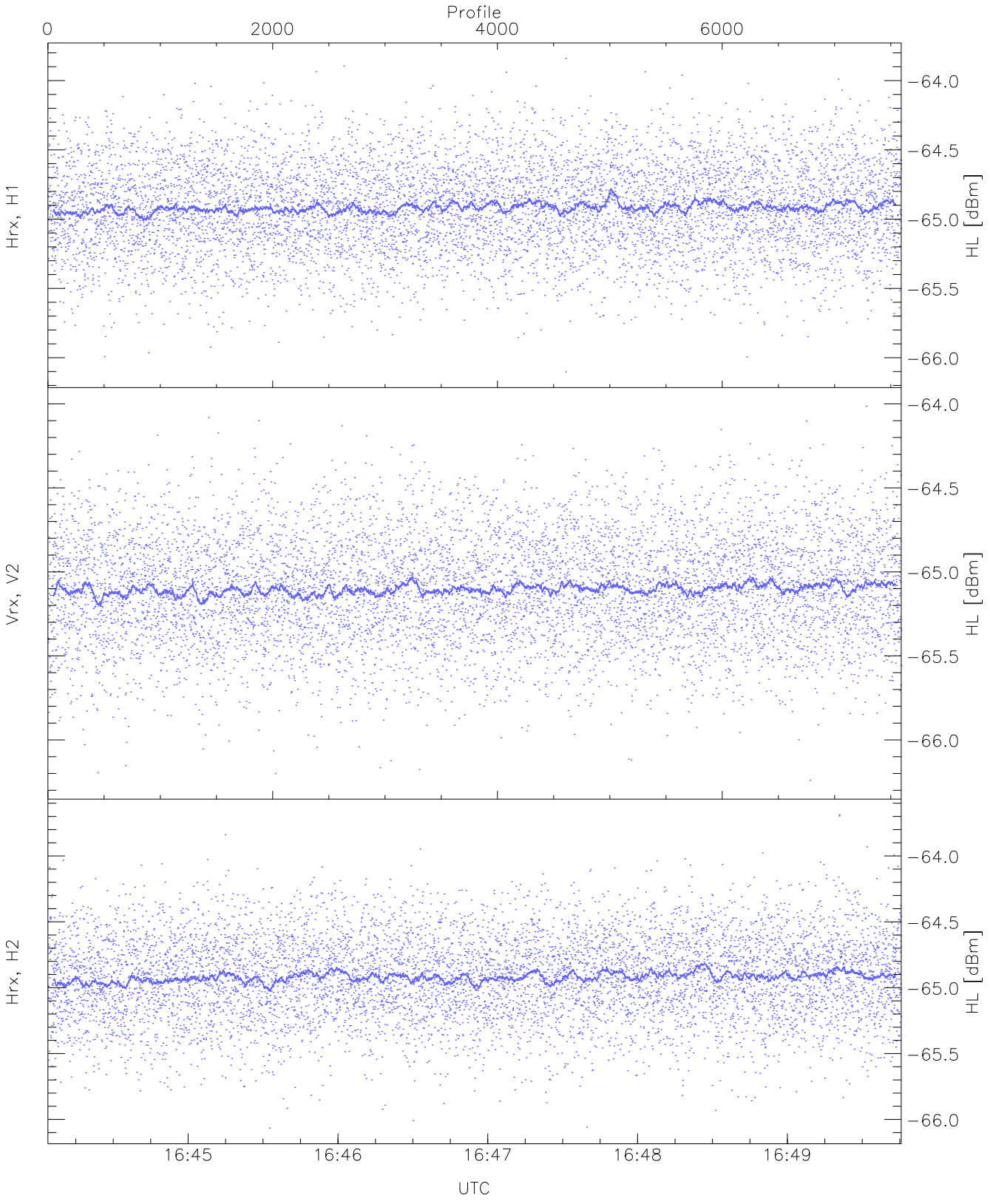
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.64	-65.37	-65.50	-65.49	-86.62
RMPHrxH1(std_dBm)	-76.22	-74.86	-75.51	-75.51	-89.28
RMPVrxV2(mean_dBm)	-65.42	-65.18	-65.30	-65.30	-86.65
RMPVrxV2(std_dBm)	-76.17	-74.61	-75.31	-75.31	-89.06
RMPHrxH2(mean_dBm)	-65.21	-64.95	-65.09	-65.09	-86.32
RMPHrxH2(std_dBm)	-75.72	-74.42	-75.11	-75.11	-88.88



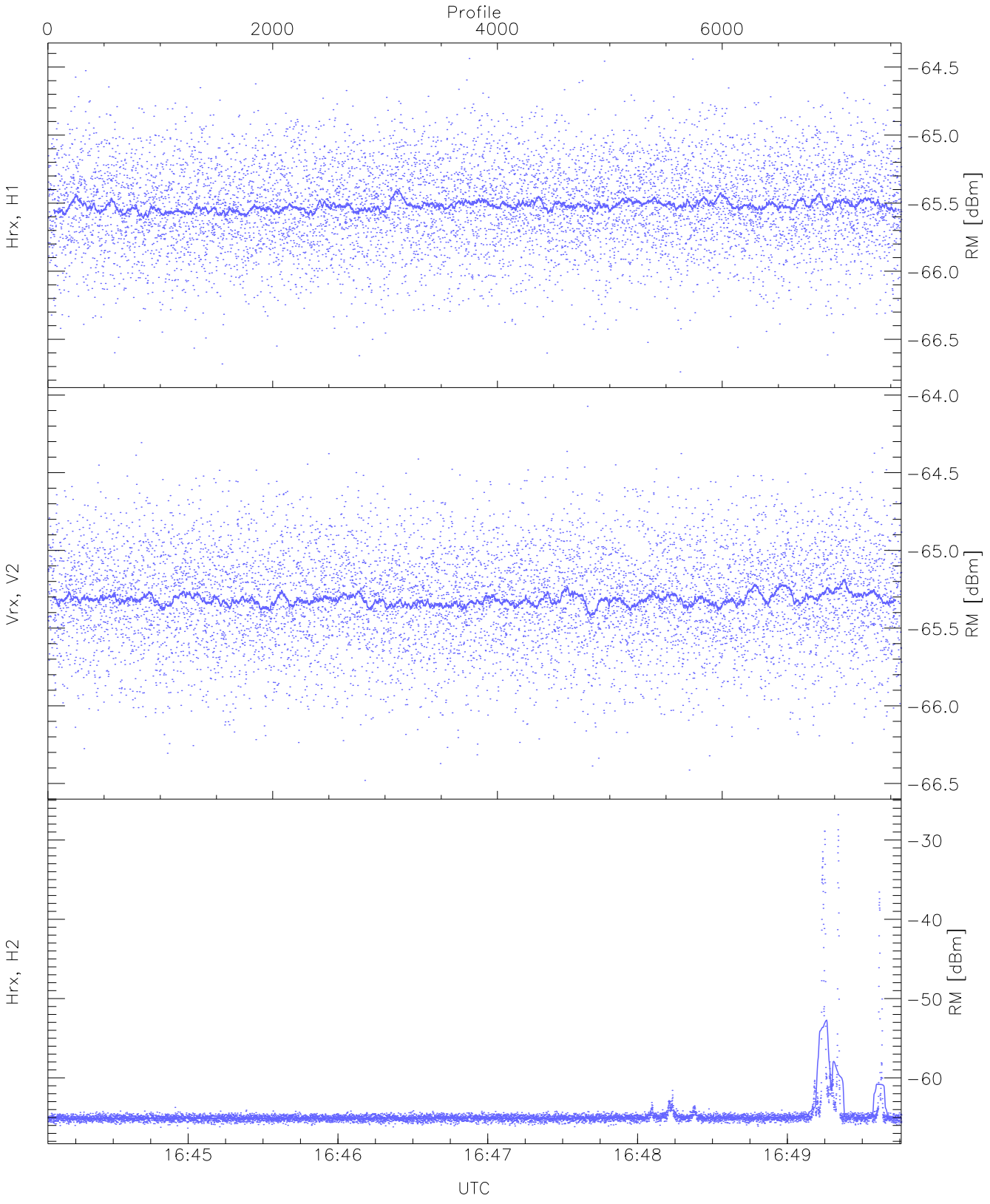
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.24	-63.94	-65.09	-65.10	-76.61
Vrx, V2(WL [dBm])	-66.50	-64.11	-65.26	-65.27	-76.83
Hrx, H2(WL [dBm])	-66.29	-64.02	-65.09	-65.09	-76.59



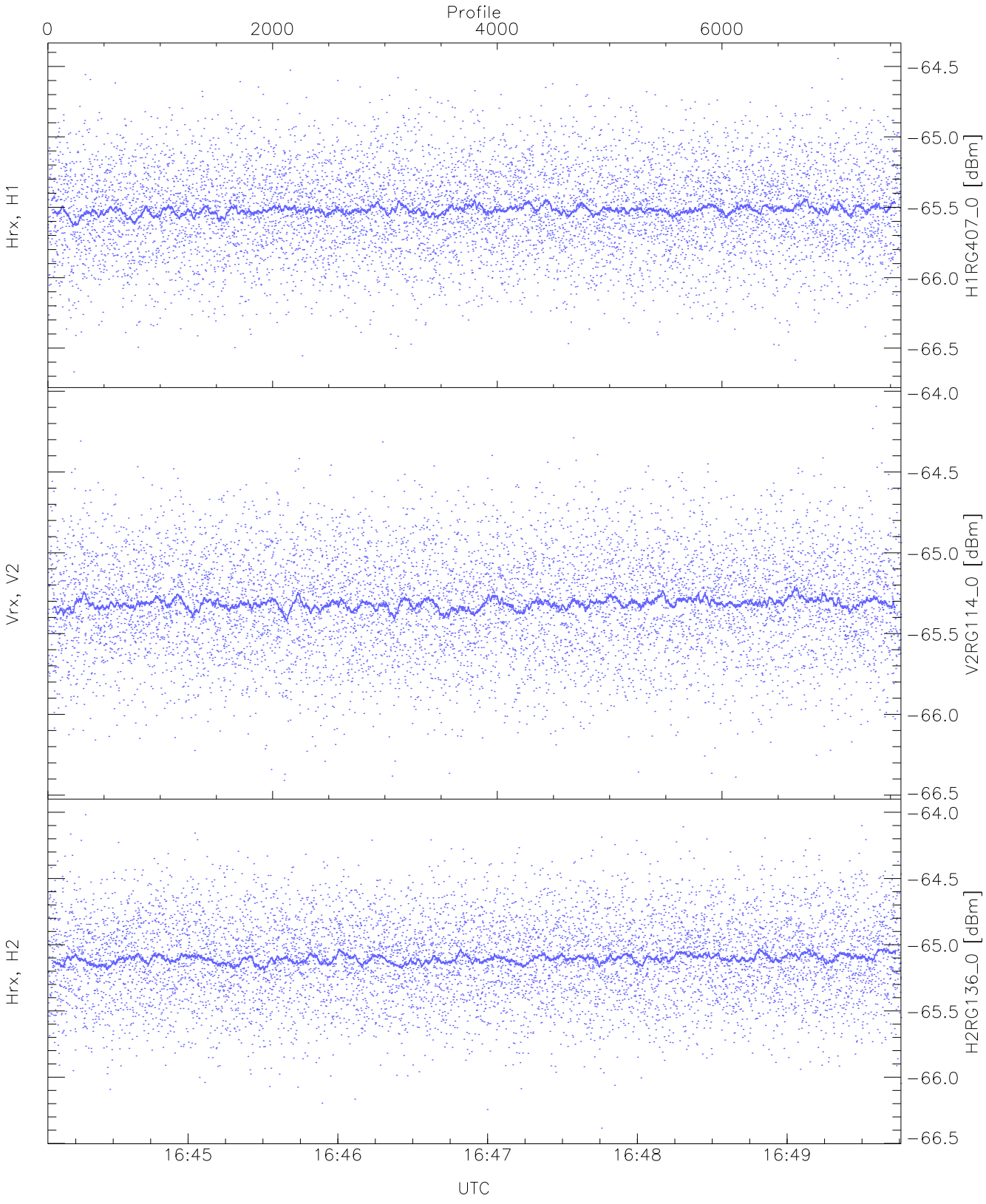
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.10	-63.84	-64.91	-64.92	-76.44
Vrx, V2(HL [dBm])	-66.24	-64.01	-65.10	-65.10	-76.64
Hrx, H2(HL [dBm])	-66.07	-63.69	-64.91	-64.92	-76.44



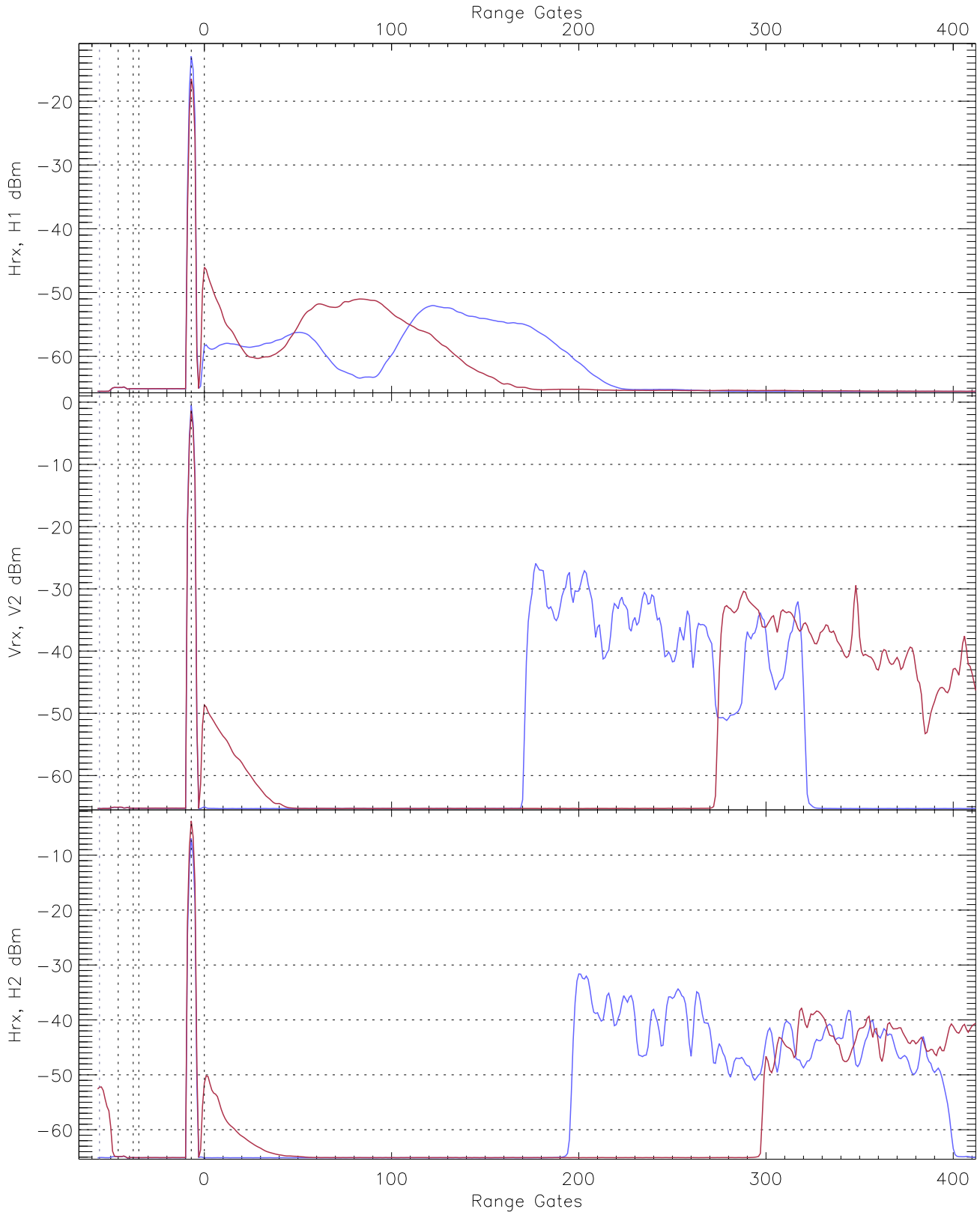
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.74	-64.44	-65.51	-65.52	-76.98
Vrx, V2(RM [dBm])	-66.48	-64.07	-65.31	-65.32	-76.79
Hrx, H2(RM [dBm])	-66.34	-26.82	-55.05	-65.04	-43.10

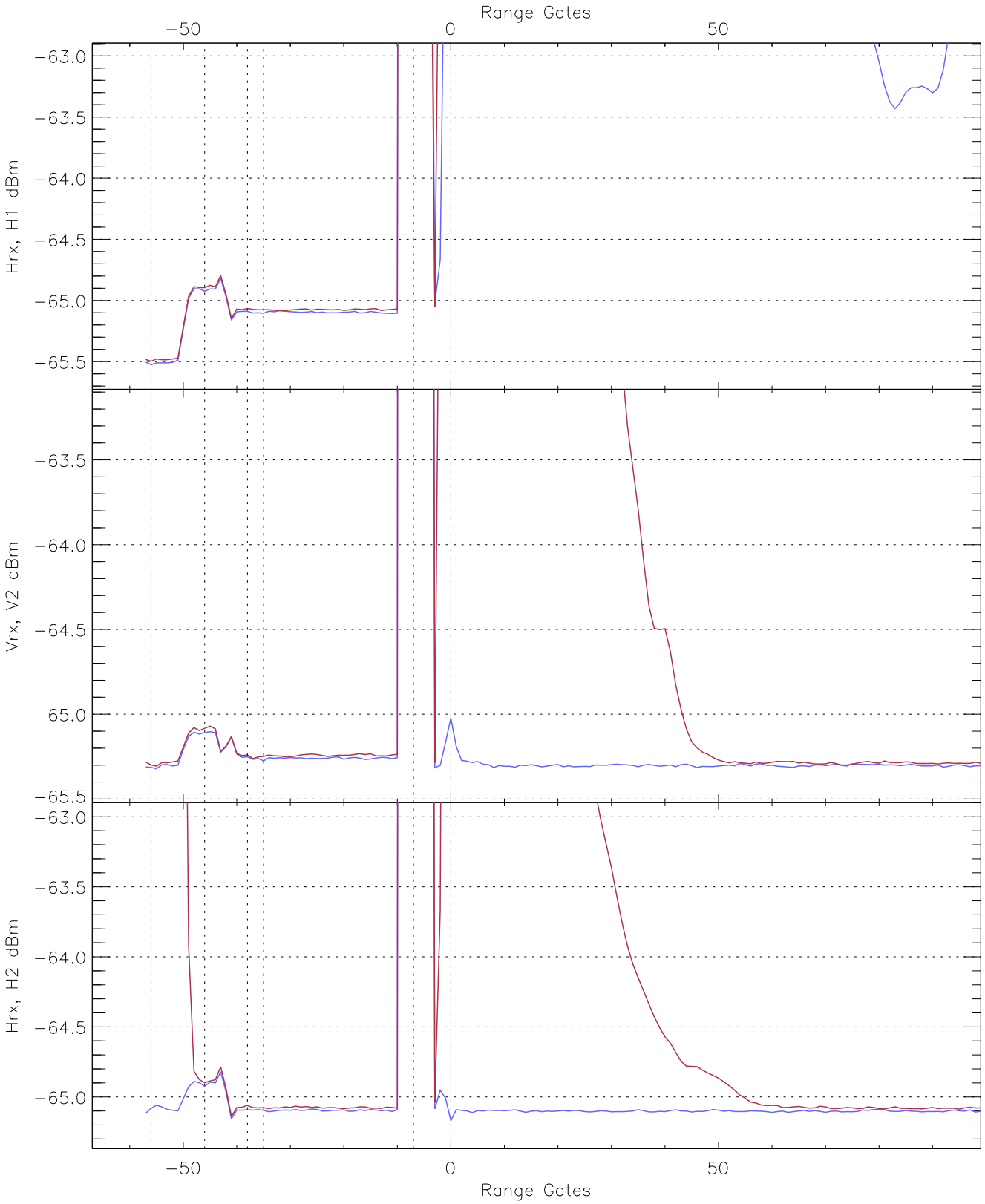


WCR3 CPP "Best" estimate Receivers Noise Power

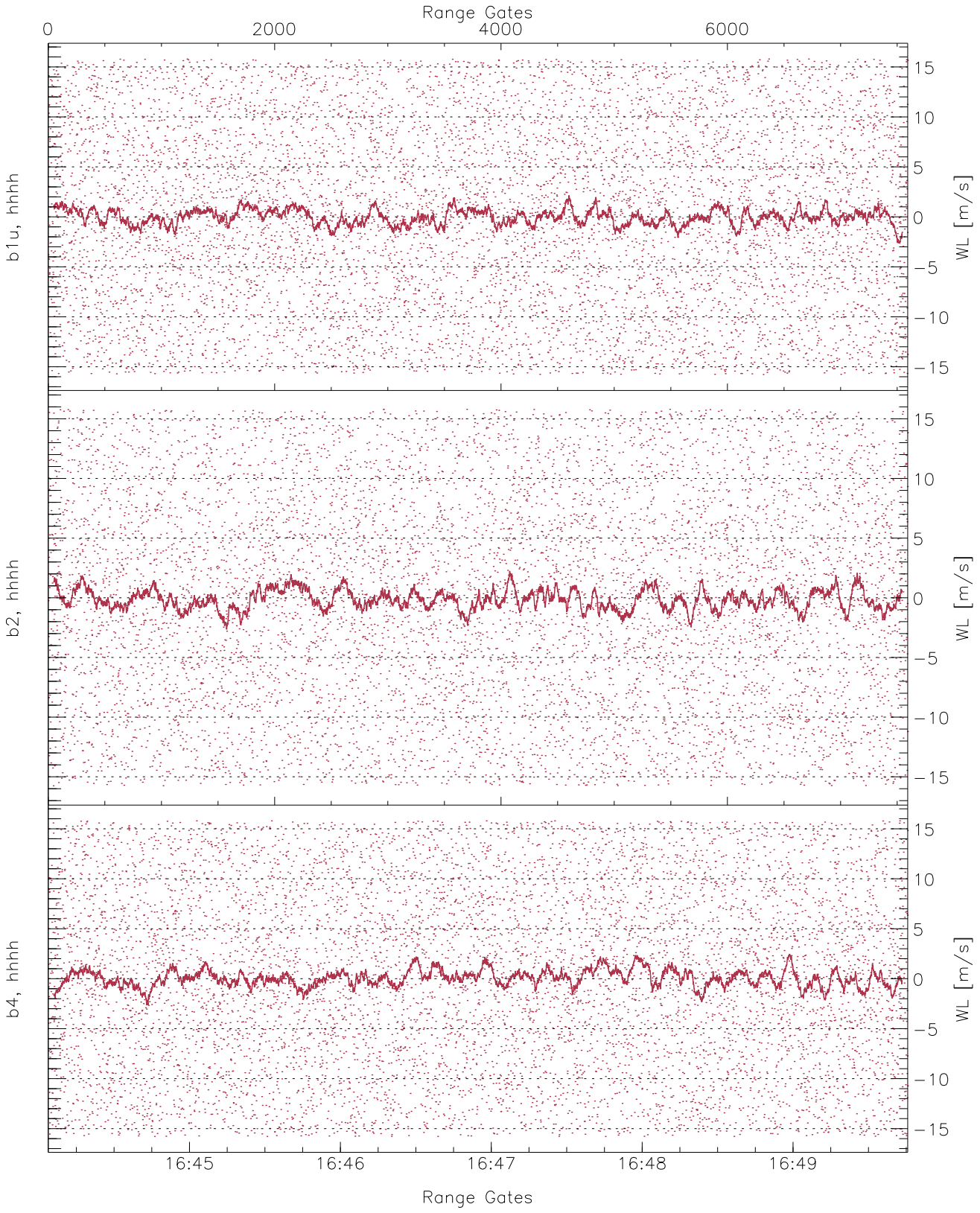
	Min	Max	Mean	Median	StDev
H1RG407_0 [dBm]	-66.67	-64.44	-65.51	-65.52	-77.04
V2RG114_0 [dBm]	-66.41	-64.09	-65.31	-65.32	-76.81
H2RG136_0 [dBm]	-66.38	-64.02	-65.10	-65.11	-76.59



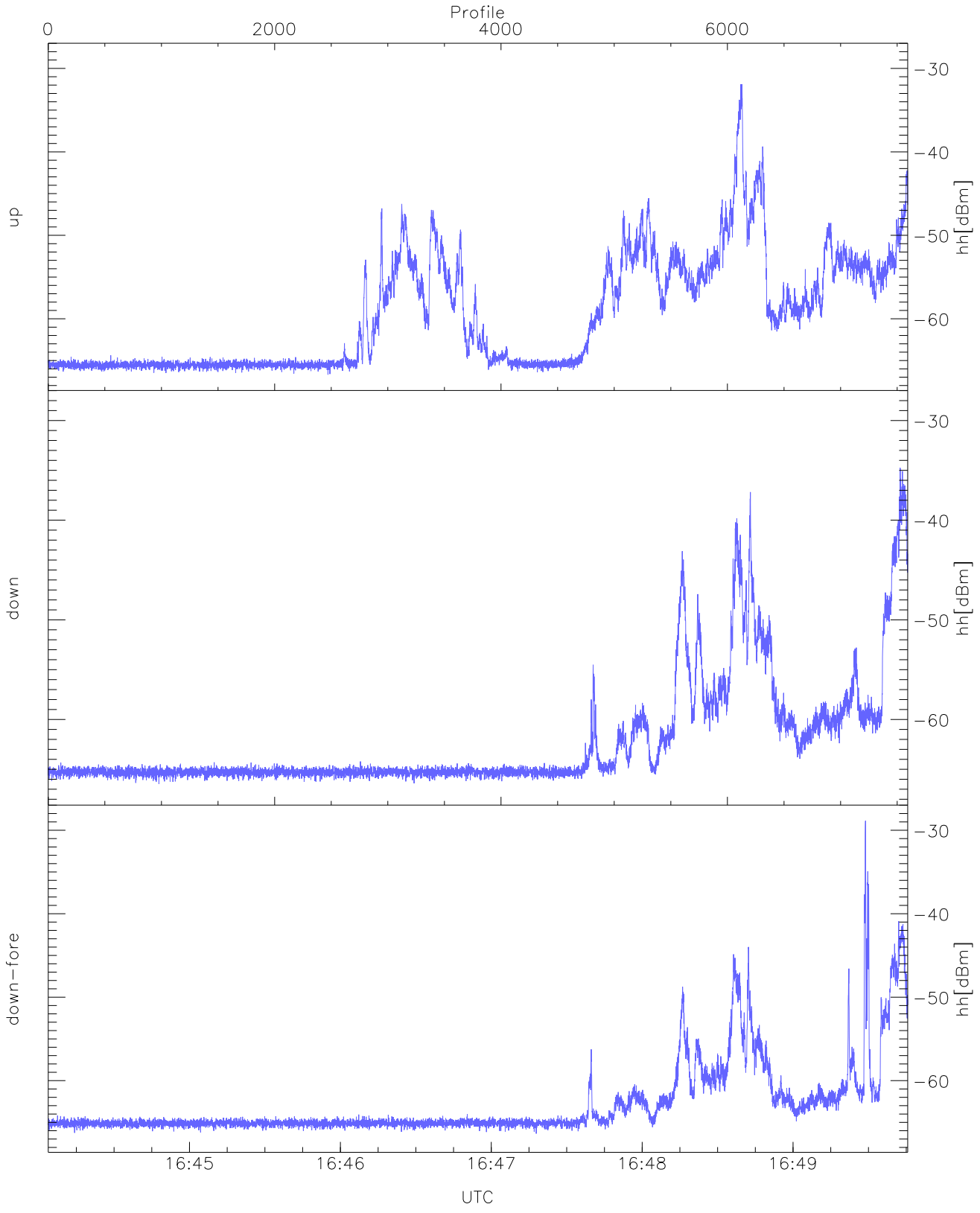
WCR3 CPP Averaged Received power for all recorded gates
blue: 164404-164655, 3798 profiles averaged
red: 164655-164946, 3797 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 164404-164655, 3798 profiles averaged
red: 164655-164946, 3797 profiles averaged

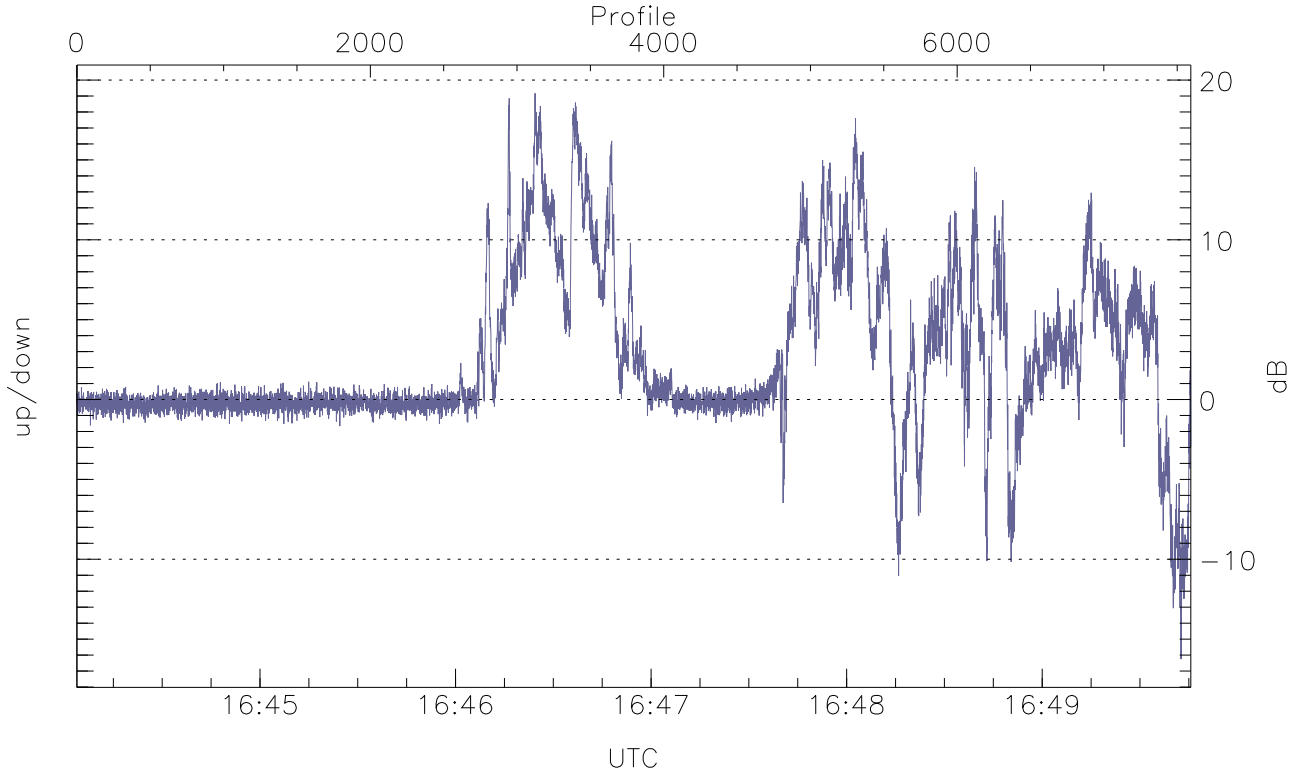


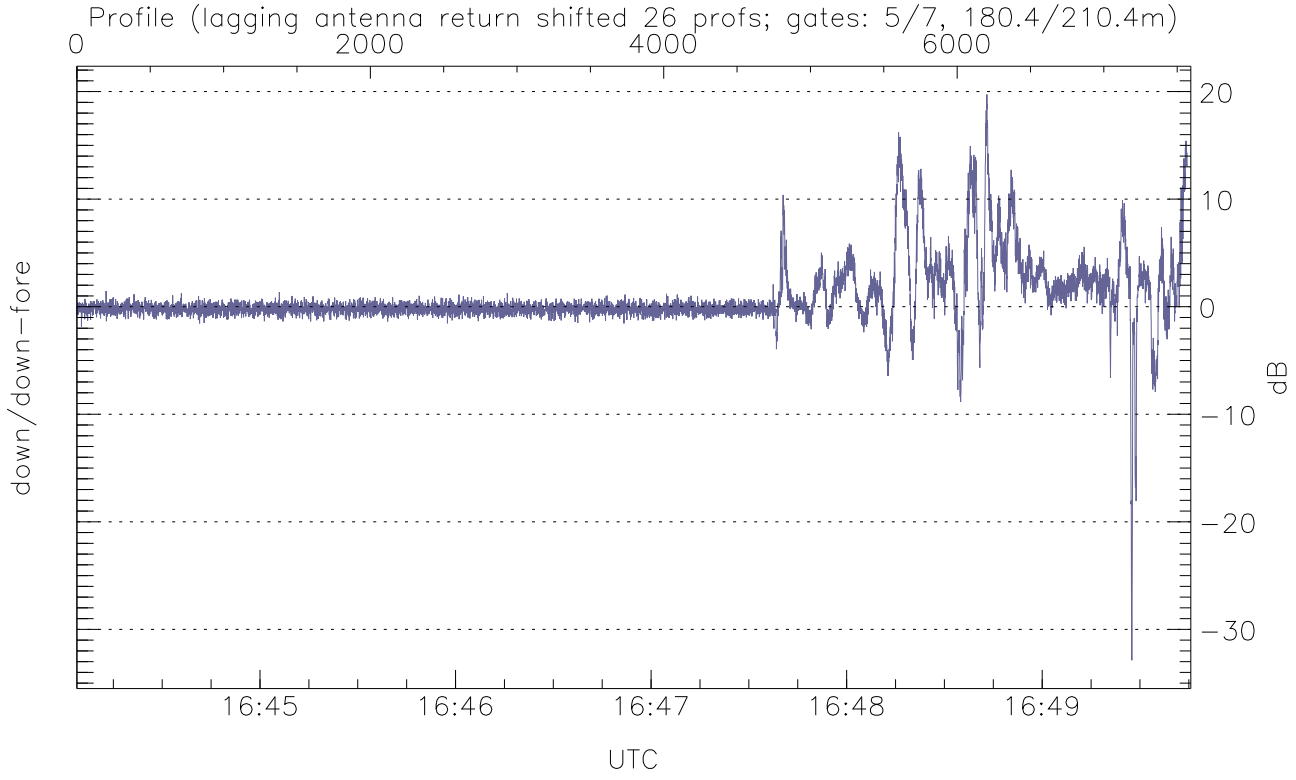
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

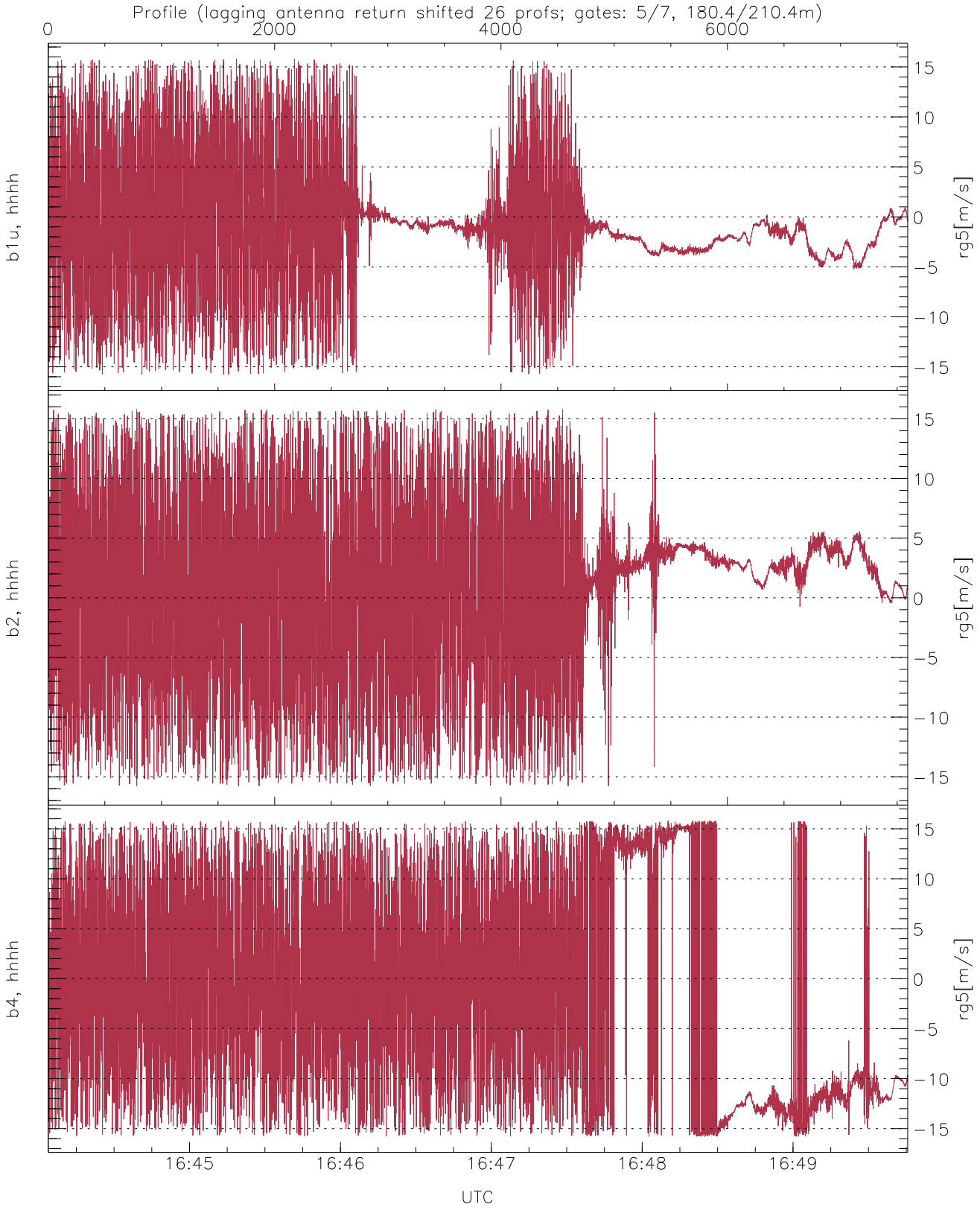
	Min	Max	Mean
up(hh[dBm])	-66.70	-31.90	-52.48
down(hh[dBm])	-66.47	-34.75	-54.11
down-fore(hh[dBm])	-66.35	-28.88	-56.06





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

	Min	Max	Mean
up/down(dB)	-16.25	19.17	2.60
down/down-fore(dB)	-32.87	19.73	0.87



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	-0.90	5.58
b2, hhhh(rg5[m/s])	-15.78	15.79	1.09	6.96
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.35	10.47