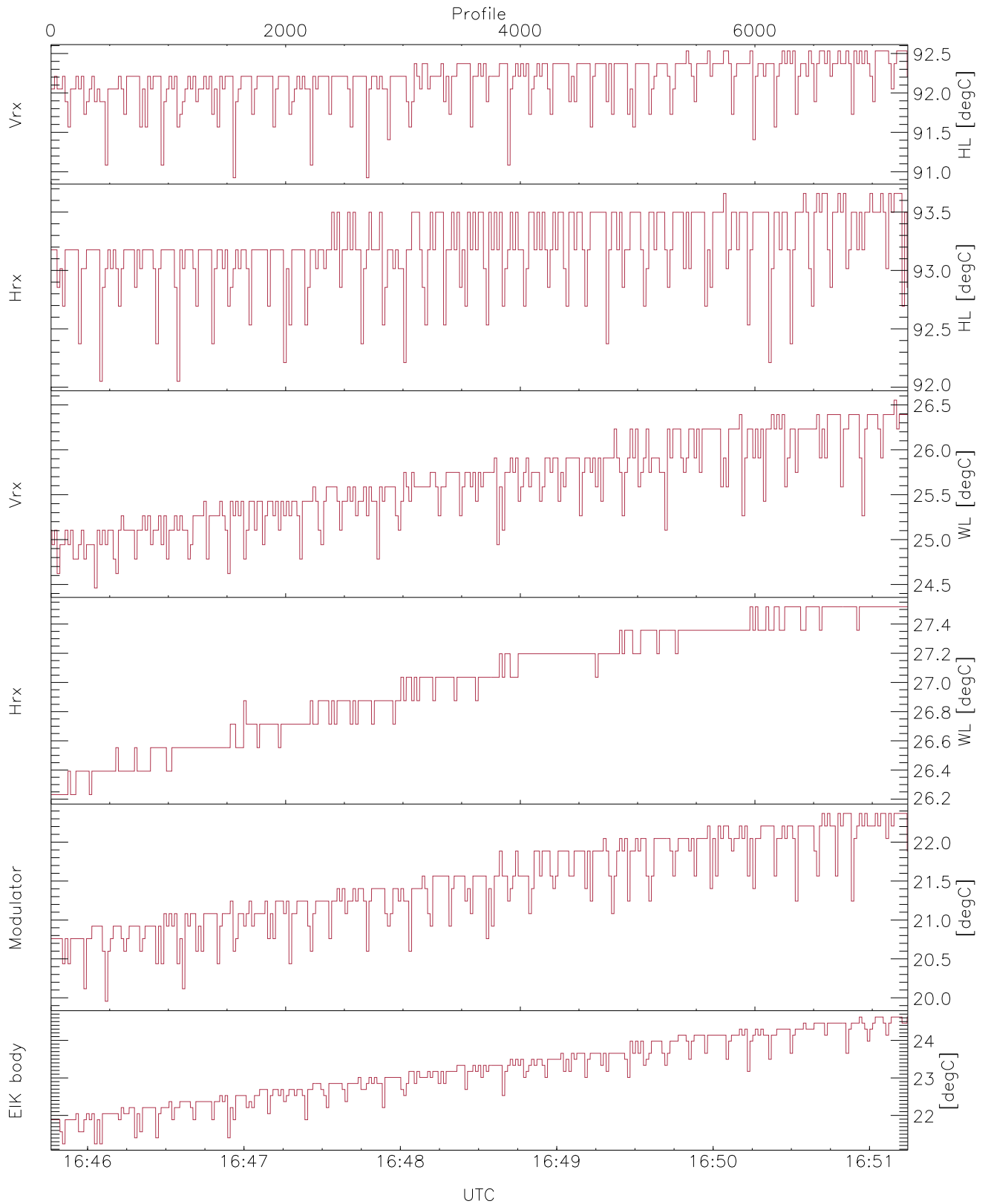


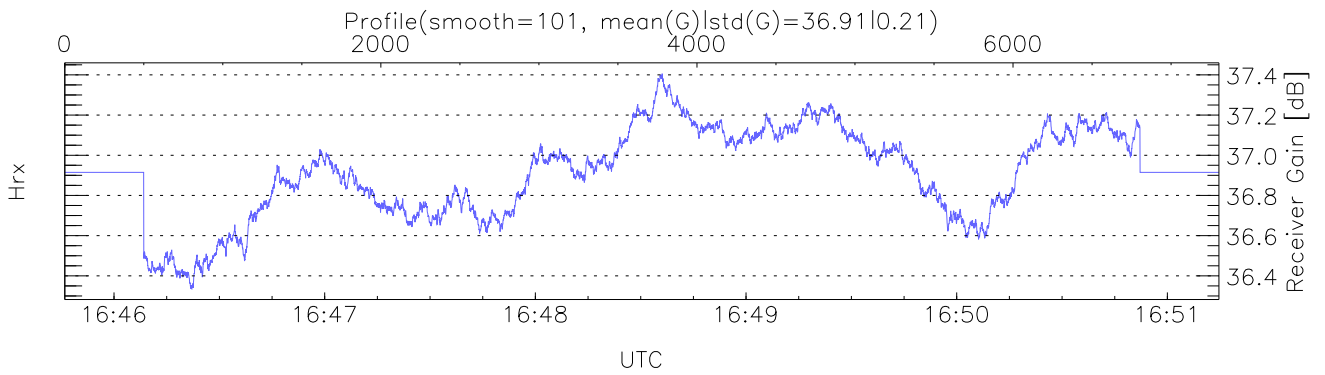
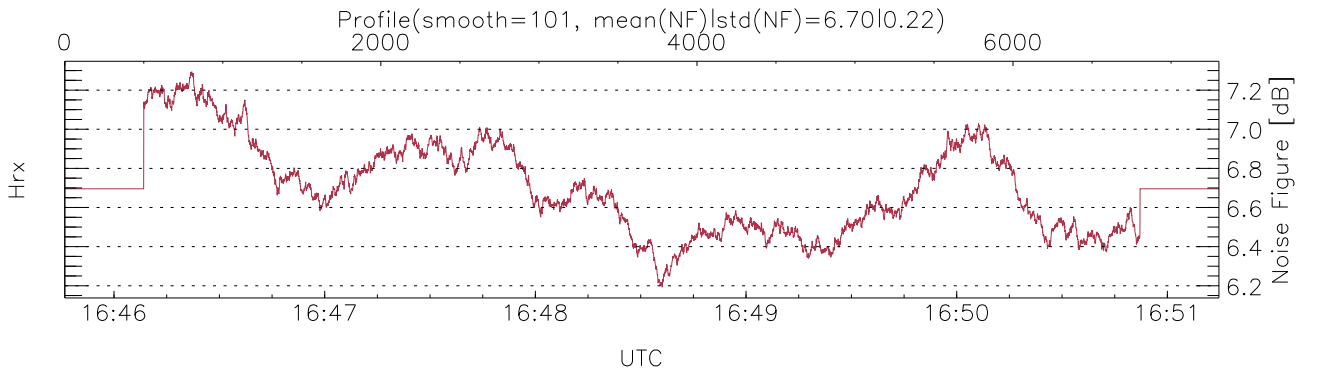
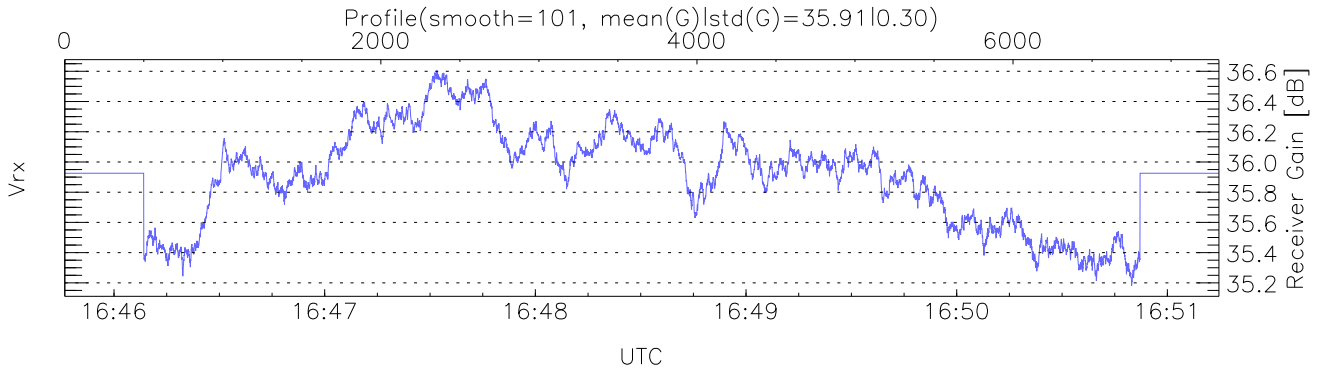
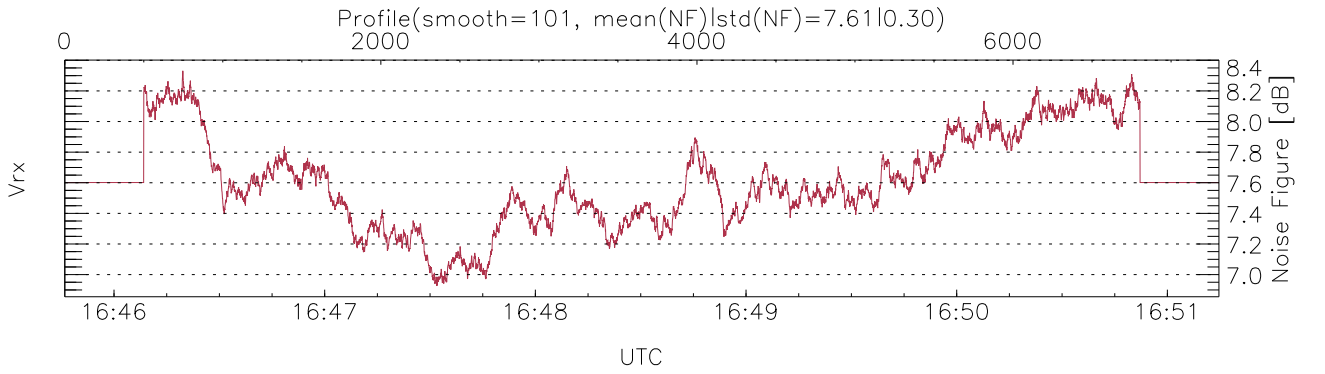
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:45:46-16:51:15, TimeCor: 0.00s, Dur: 328.72s
 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): 7304/7304, 0-7303/16:45:46-16:51:15
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



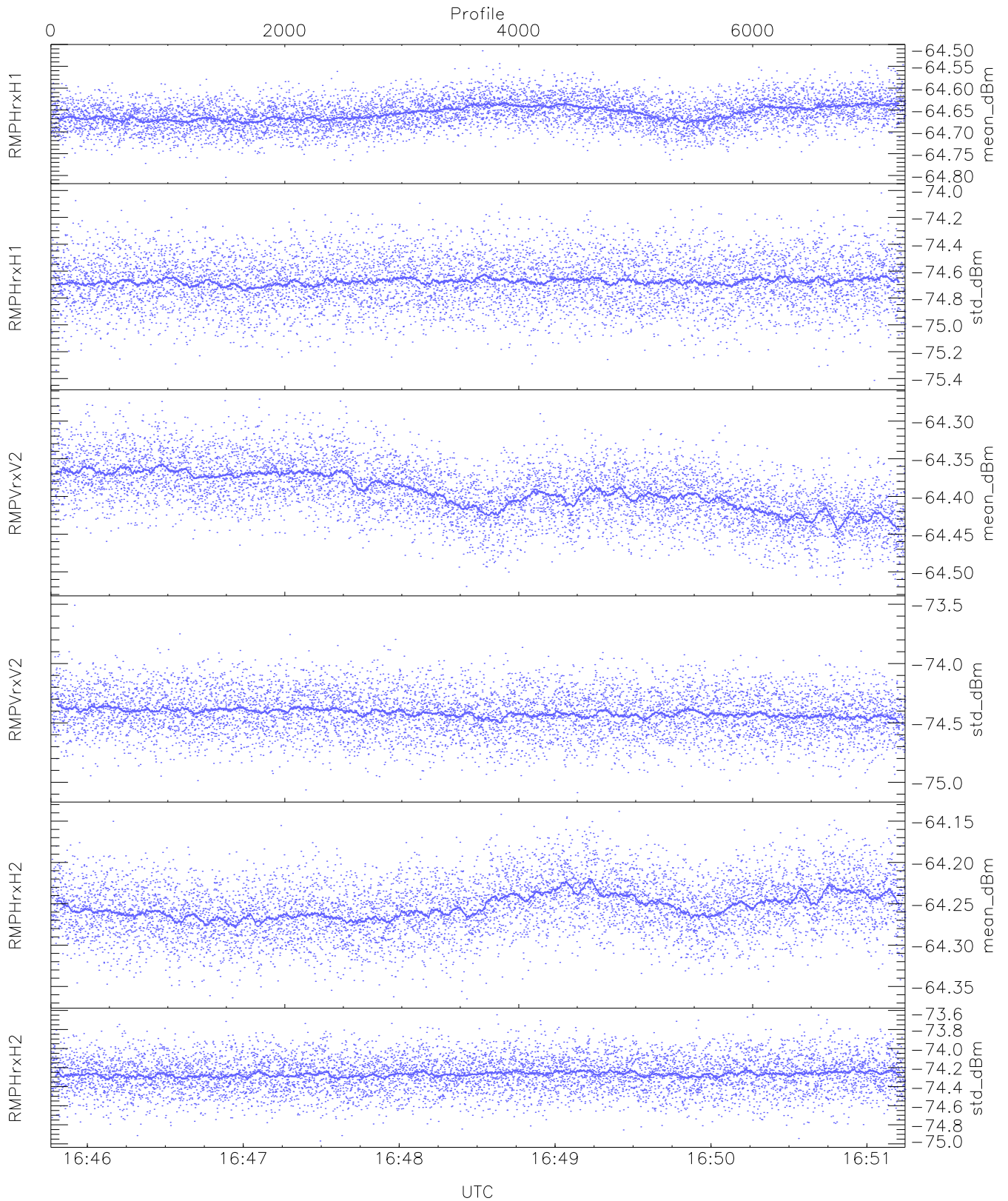
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,26,19,21
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,27,22,24
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



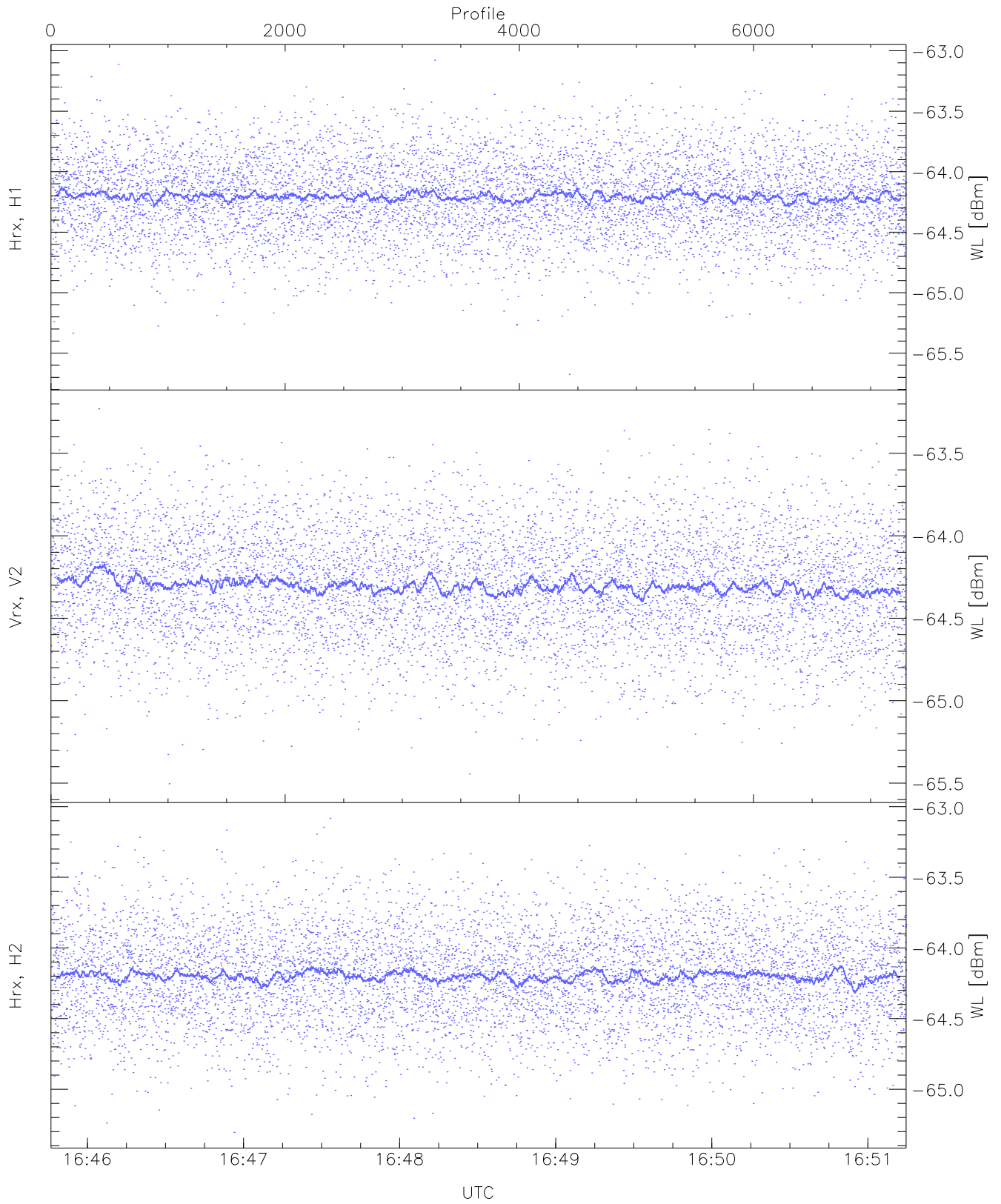
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 121 pixs, 18 gates, 120 profs, 1 prod(s)



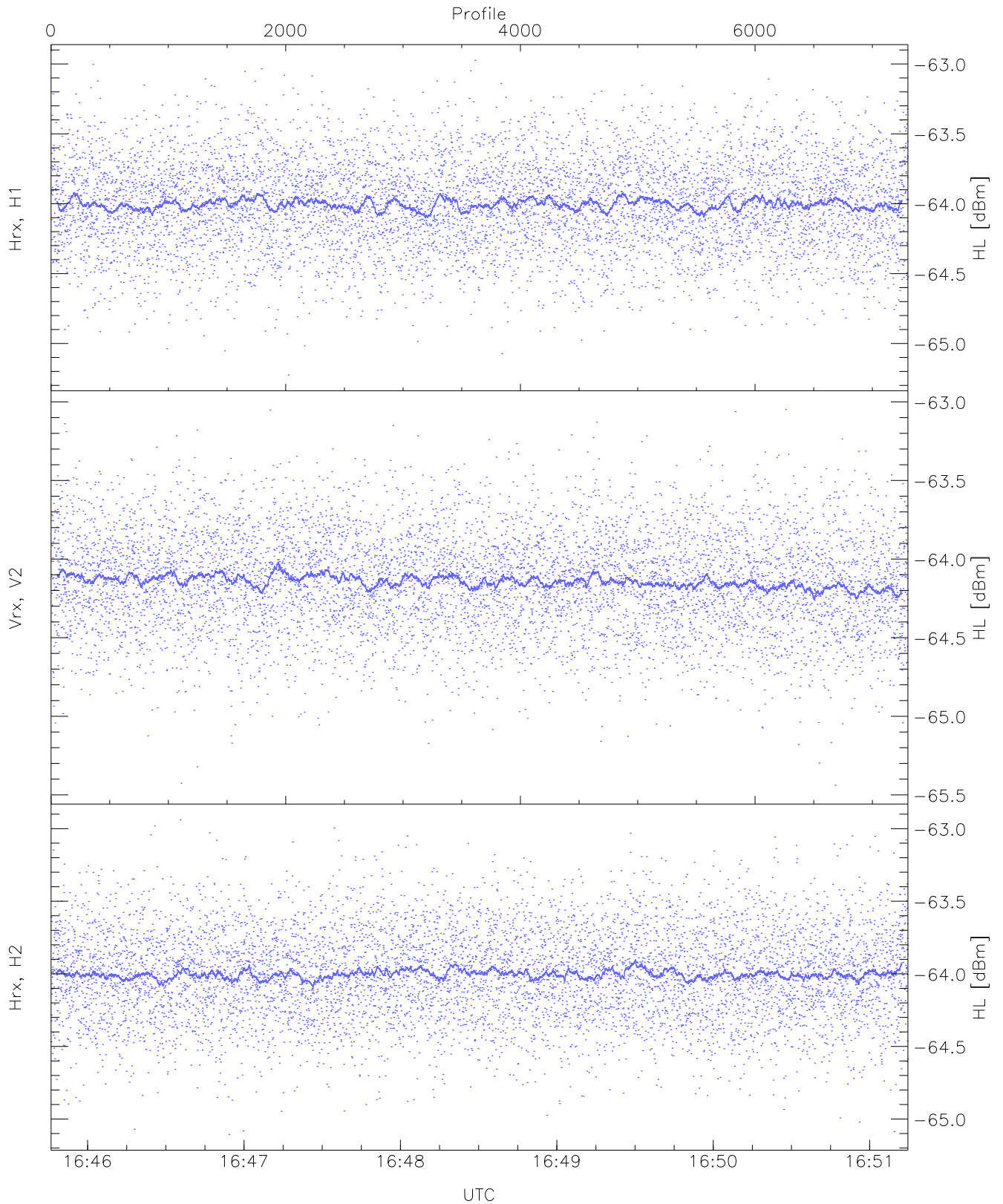
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.80	-64.51	-64.66	-64.66	-85.79
RMPHrxH1(std_dBm)	-75.41	-74.02	-74.68	-74.68	-88.40
RMPVrxV2(mean_dBm)	-64.52	-64.27	-64.39	-64.39	-84.98
RMPVrxV2(std_dBm)	-75.09	-73.51	-74.41	-74.42	-88.12
RMPHrxH2(mean_dBm)	-64.36	-64.14	-64.25	-64.25	-85.47
RMPHrxH2(std_dBm)	-74.97	-73.64	-74.27	-74.27	-88.01



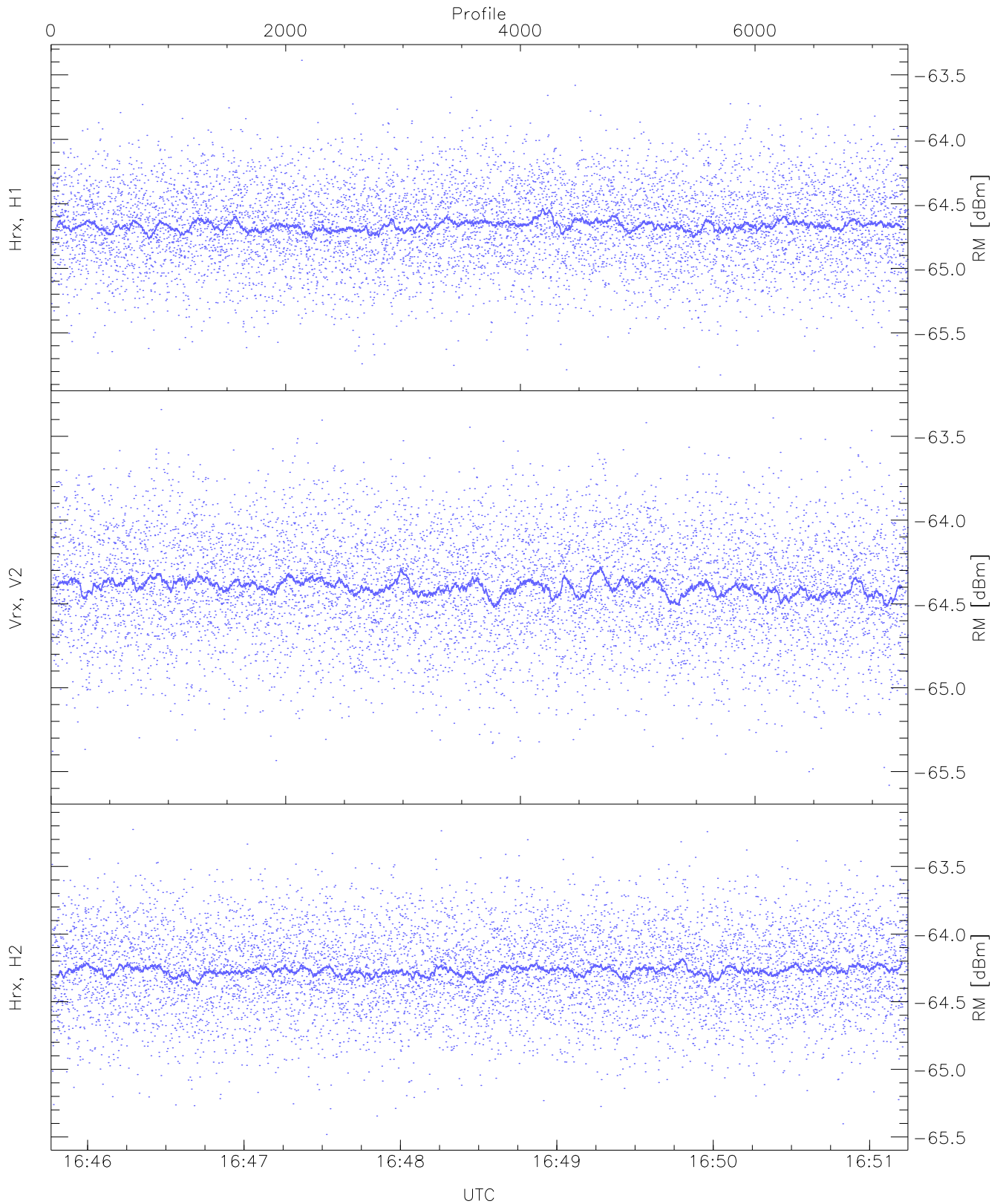
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.67	-63.08	-64.20	-64.20	-75.69
Vrx, V2 (WL [dBm])	-65.50	-63.23	-64.30	-64.30	-75.80
Hrx, H2 (WL [dBm])	-65.31	-63.08	-64.19	-64.20	-75.72



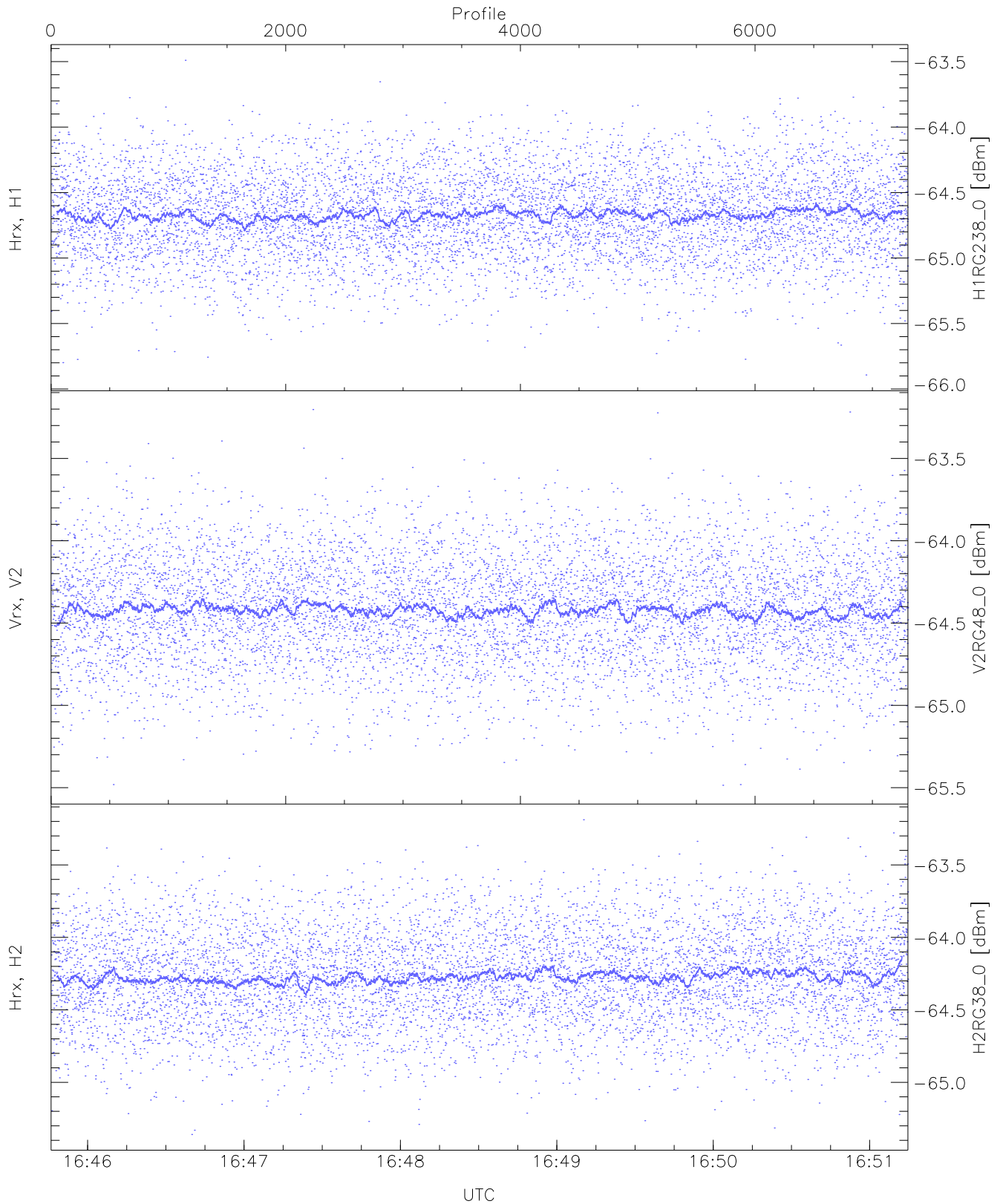
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.23	-62.97	-63.99	-64.00	-75.43
Vrx, V2 (HL [dBm])	-65.44	-63.05	-64.13	-64.14	-75.65
Hrx, H2 (HL [dBm])	-65.11	-62.94	-63.99	-64.00	-75.54



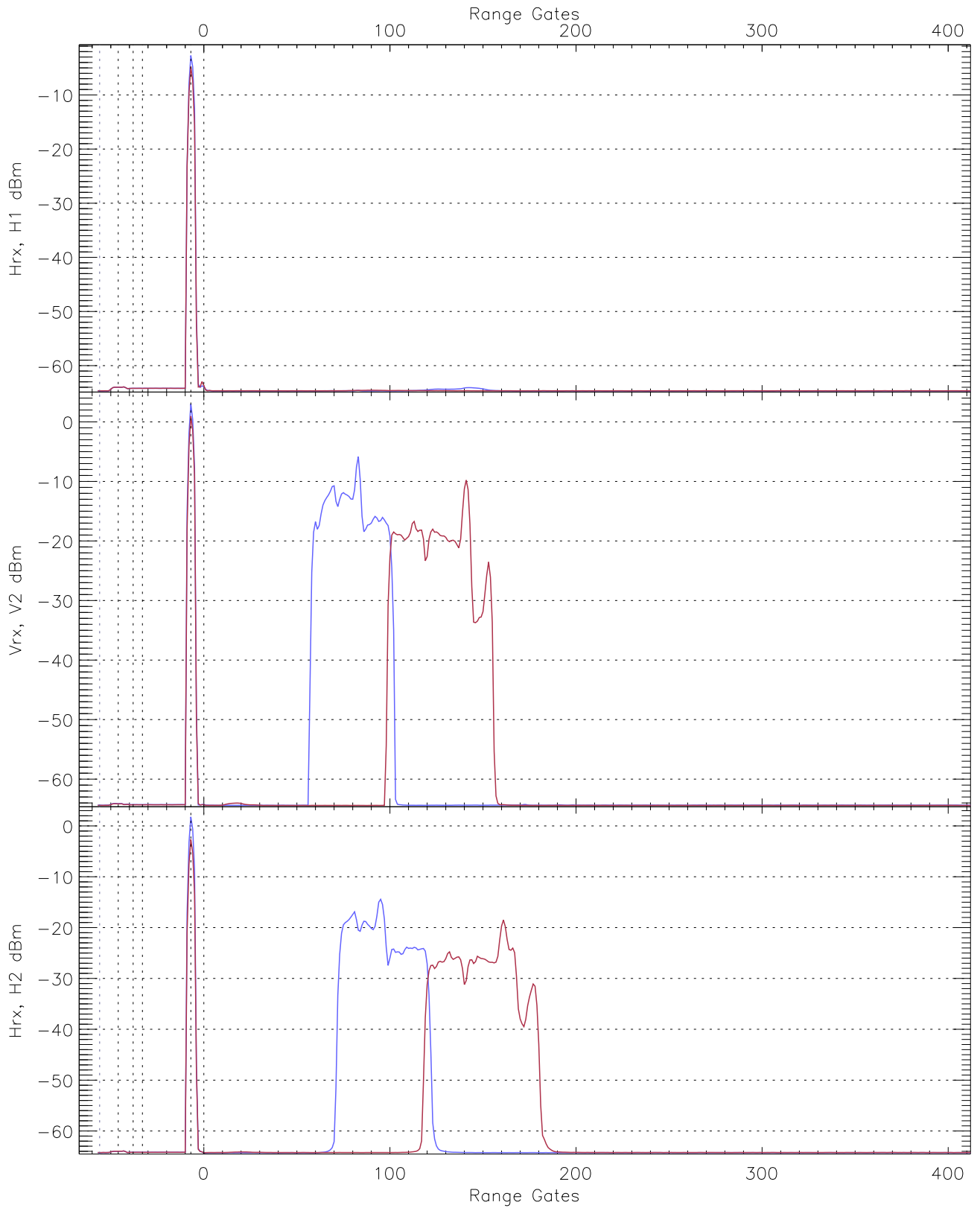
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.83	-63.39	-64.66	-64.67	-76.13
Vrx, V2 (RM [dBm])	-65.58	-63.34	-64.39	-64.40	-75.86
Hrx, H2 (RM [dBm])	-65.48	-63.15	-64.26	-64.27	-75.80

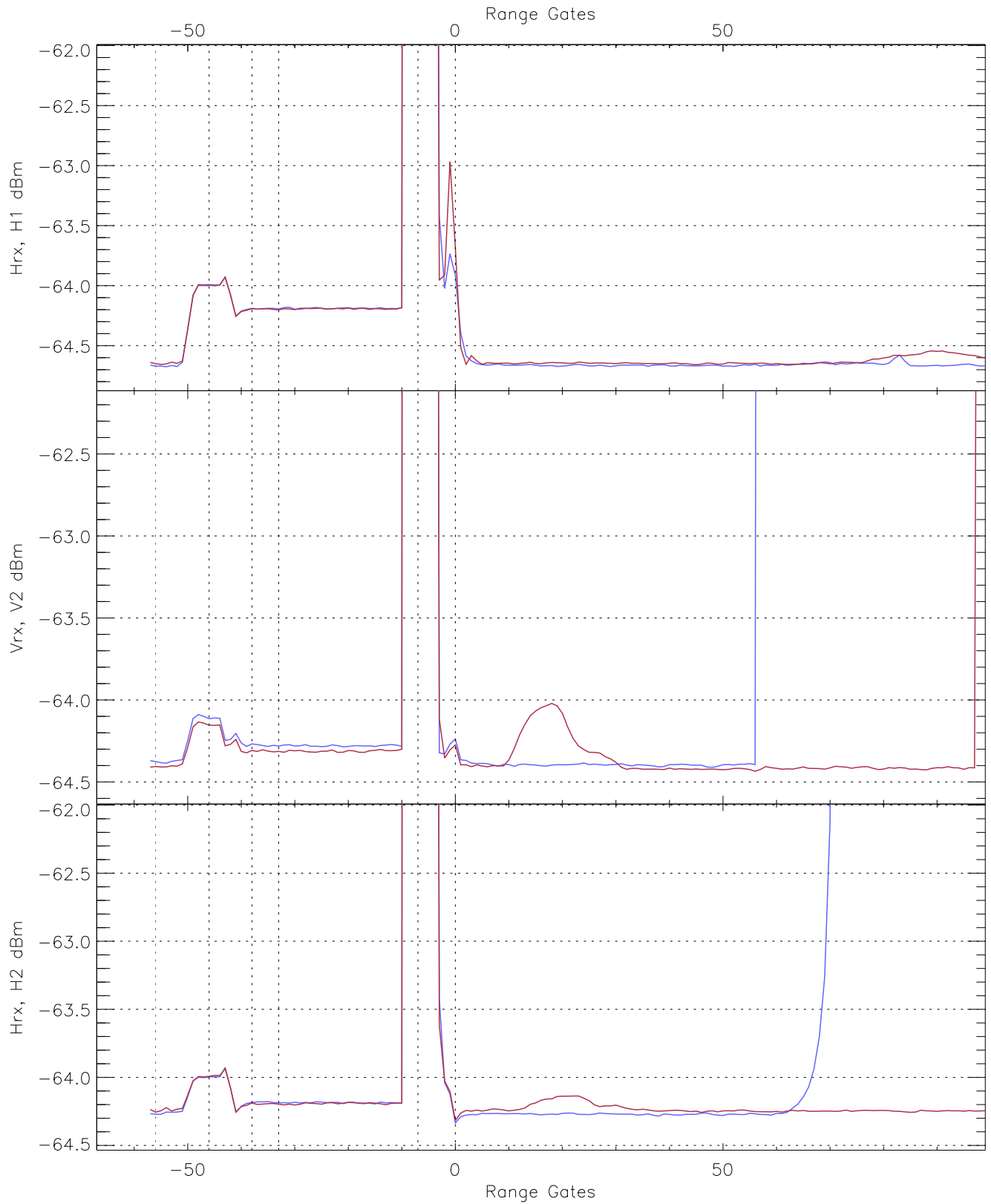


WCR3 CPP "Best" estimate Receivers Noise Power

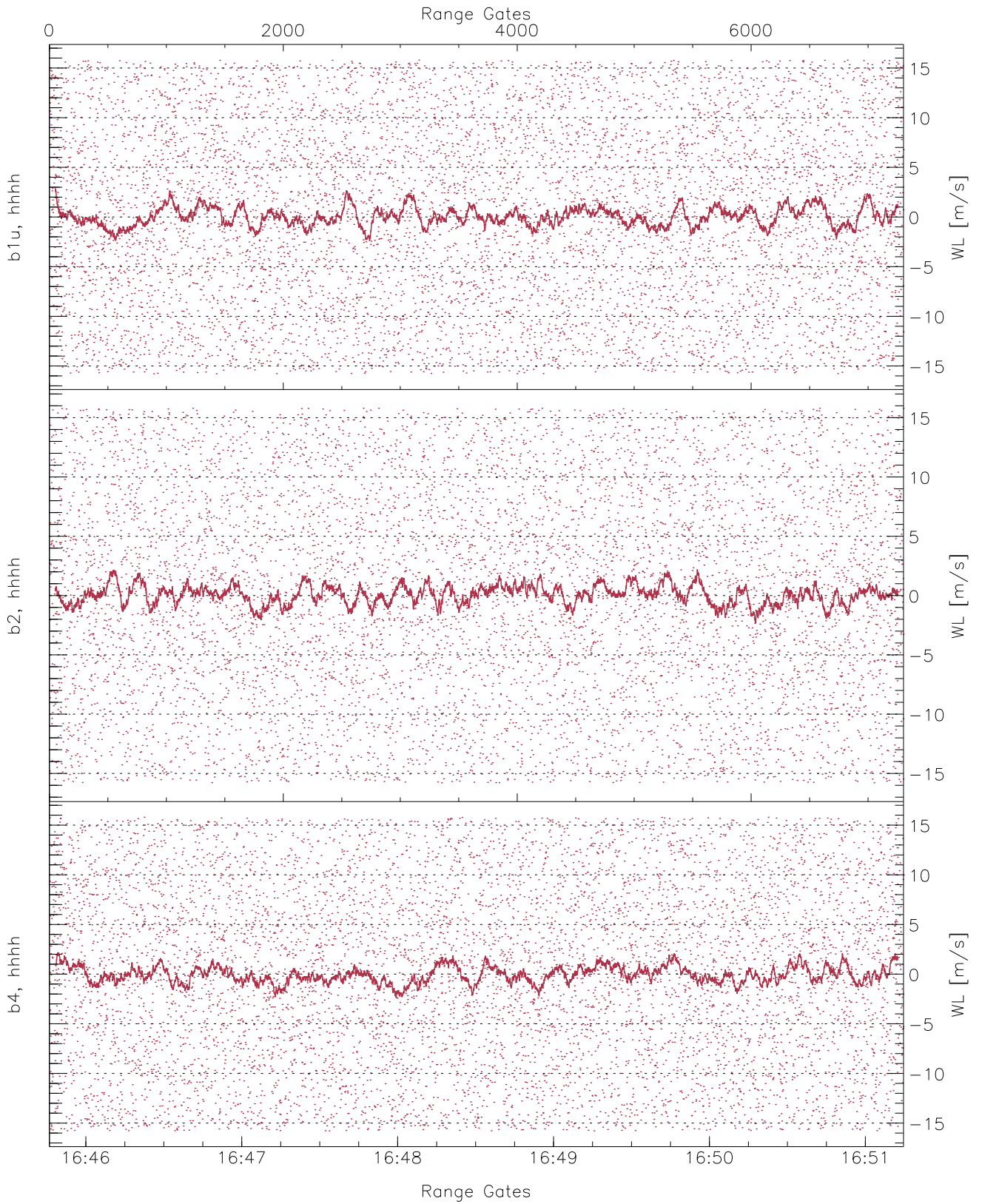
	Min	Max	Mean	Median	StDev
H1RG238_0 [dBm]	-65.89	-63.49	-64.66	-64.67	-76.16
V2RG48_0 [dBm]	-65.49	-63.20	-64.42	-64.42	-75.96
H2RG38_0 [dBm]	-65.36	-63.19	-64.27	-64.28	-75.81



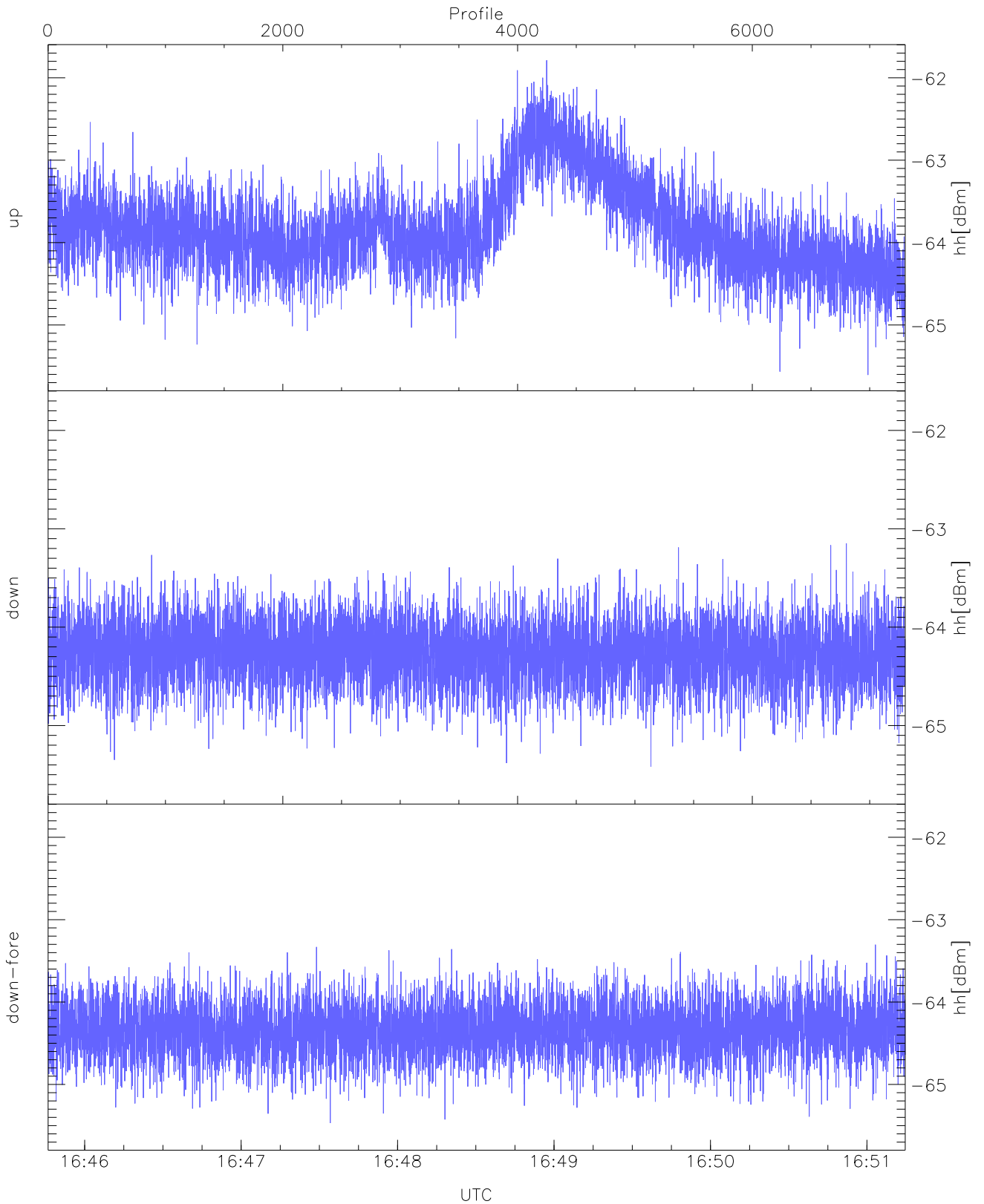
WCR3 CPP Averaged Received power for all recorded gates
blue: 164546-164830, 3653 profiles averaged
red: 164830-165115, 3652 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 164546-164830, 3653 profiles averaged
red: 164830-165115, 3652 profiles averaged

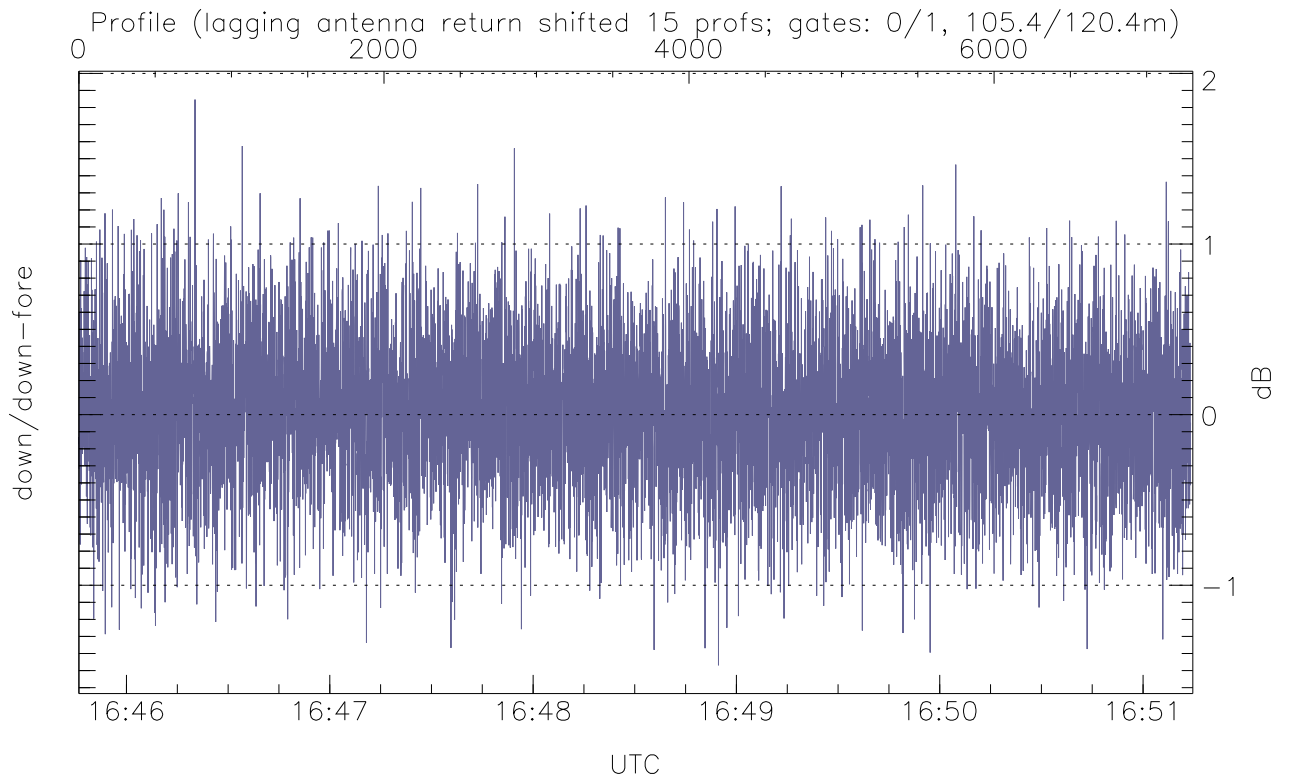
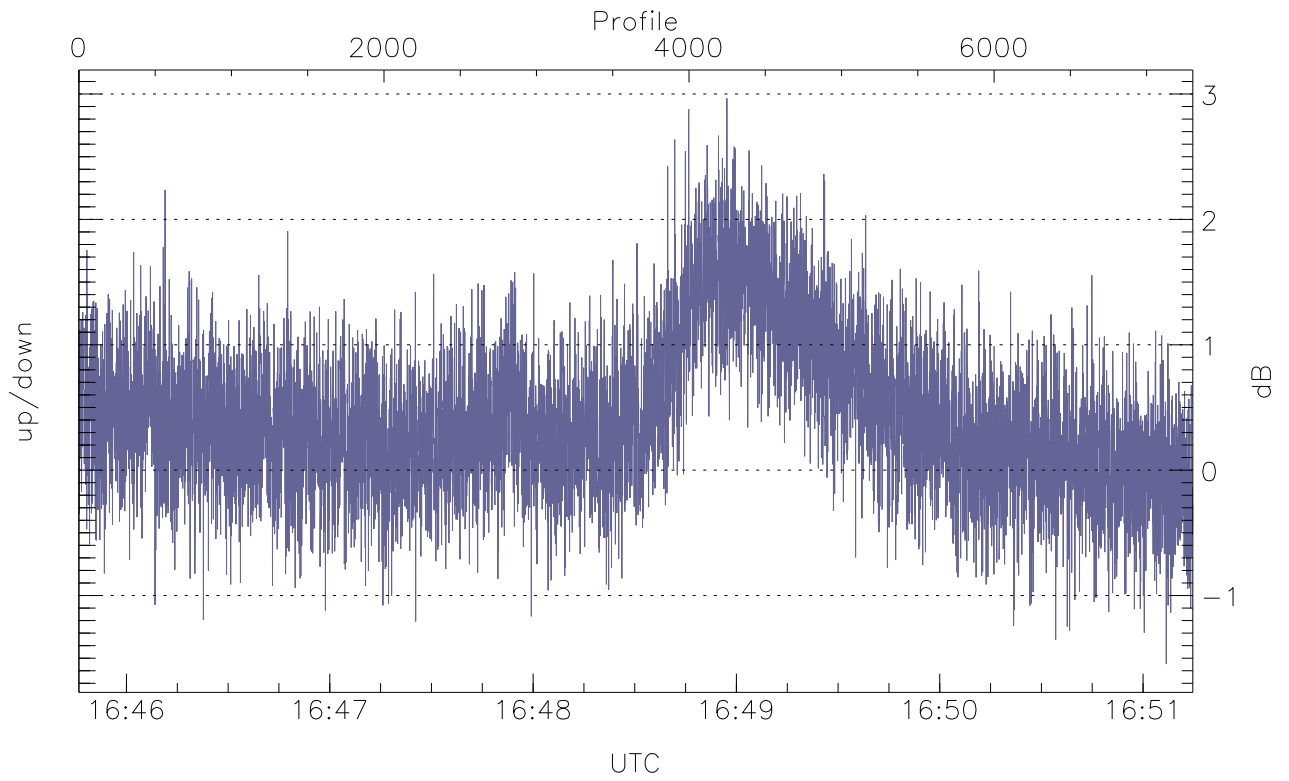


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



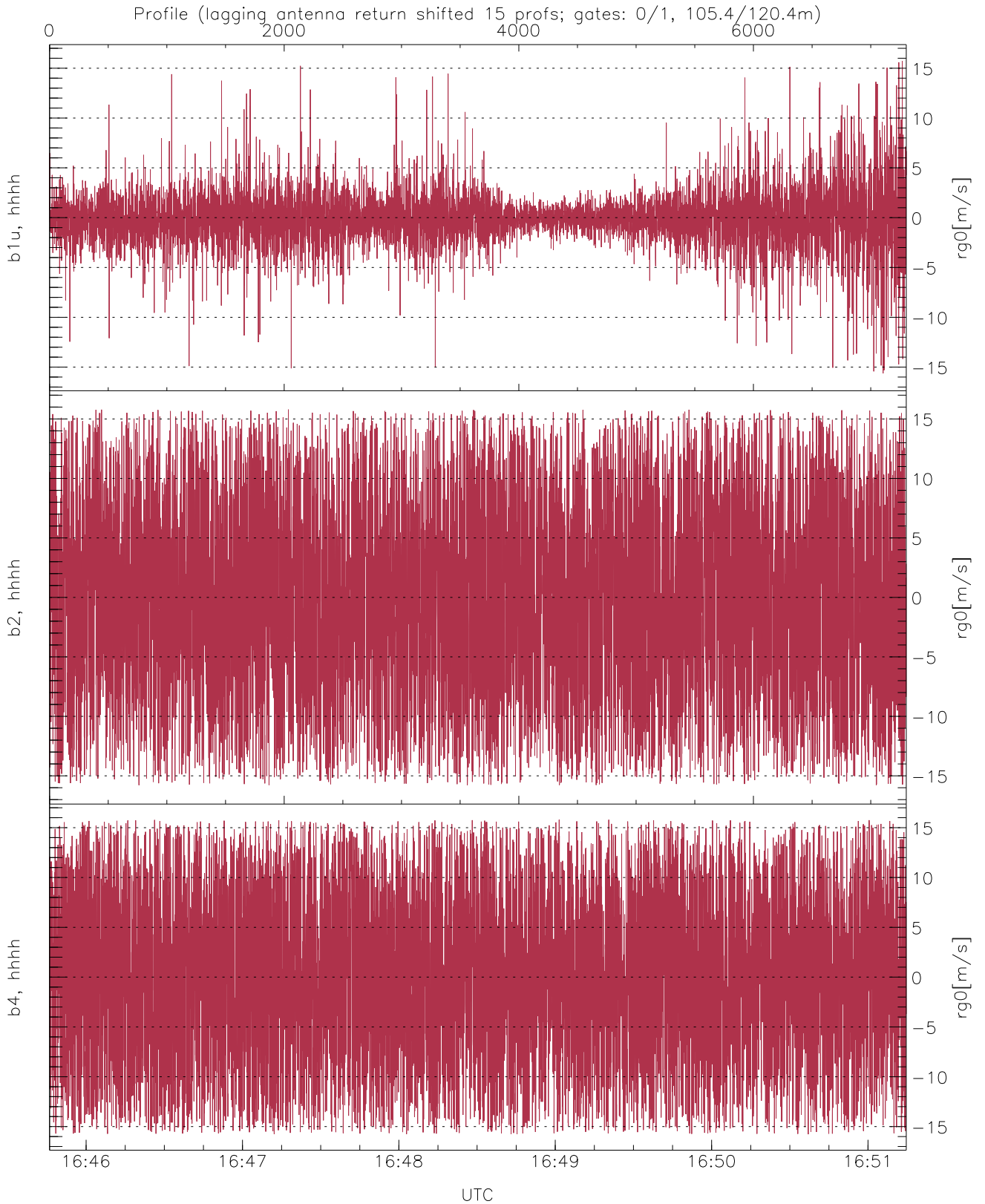
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.61	-61.79	-63.80
down(hh[dBm])	-65.42	-63.15	-64.26
down-fore(hh[dBm])	-65.47	-63.30	-64.33



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-1.55	2.97	0.44
down/down-fore (dB)	-1.47	1.85	0.02



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.63	15.70	-0.12	2.73
b2, hhhh(rg0[m/s])	-15.79	15.79	-0.05	8.36
b4, hhhh(rg0[m/s])	-15.77	15.79	-0.07	8.58