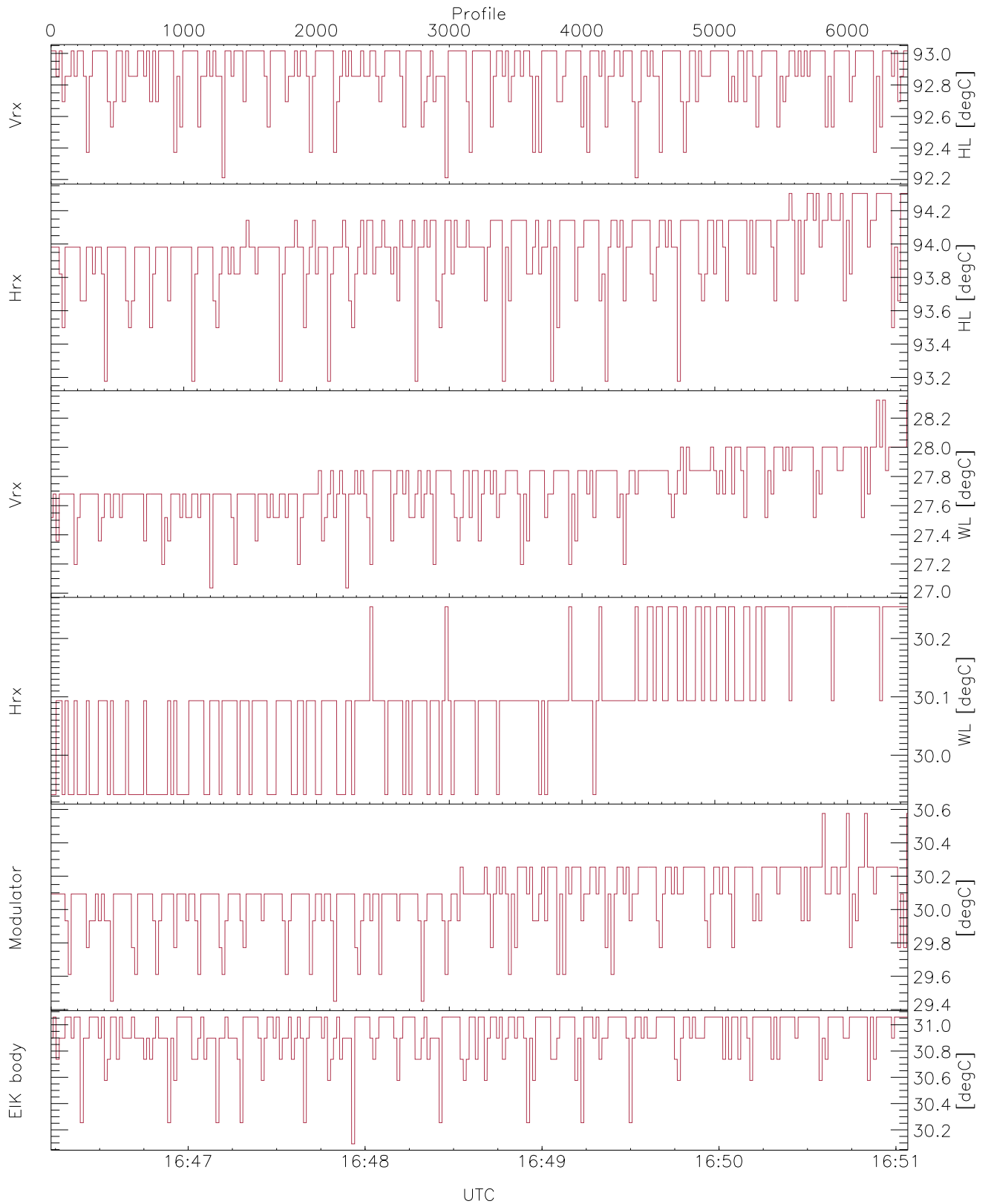


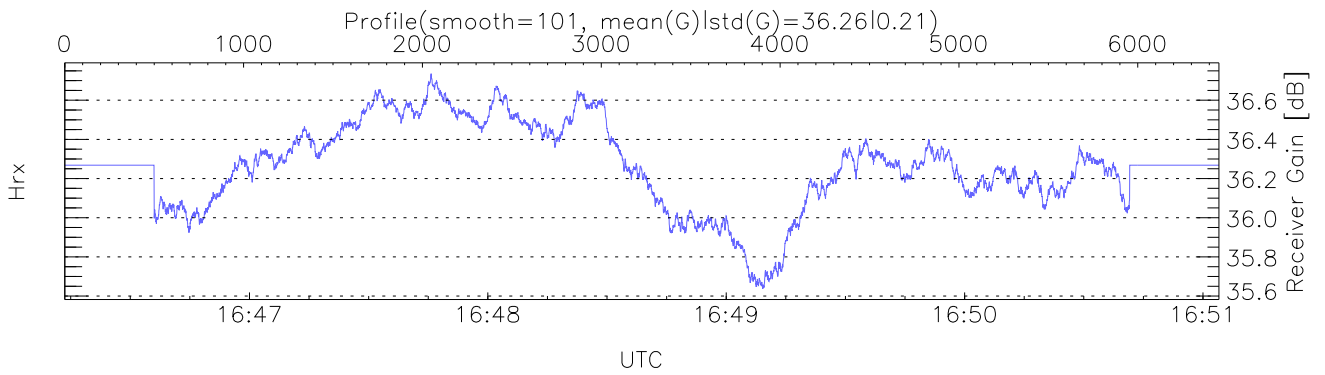
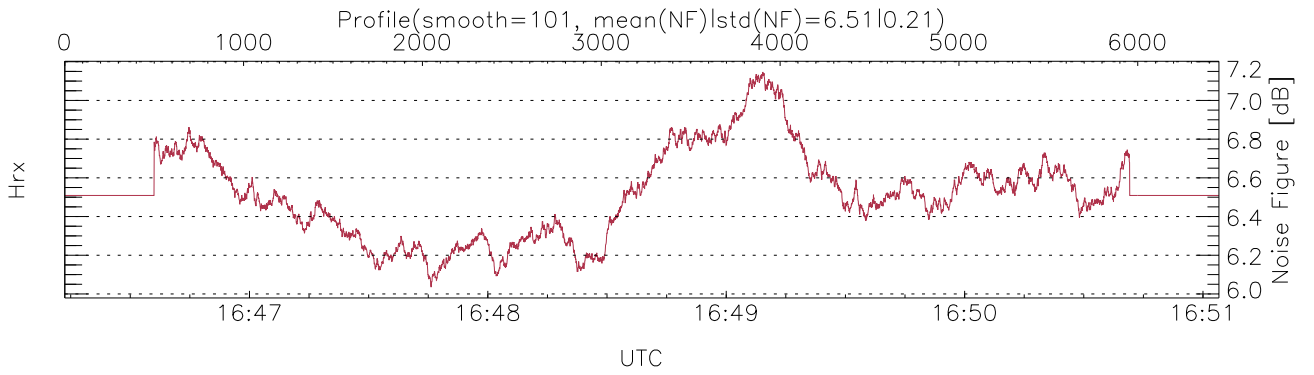
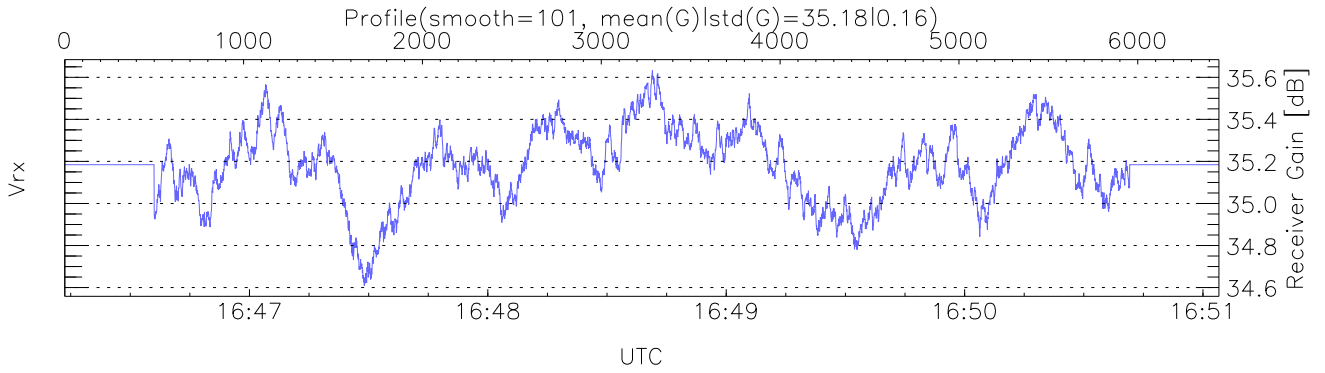
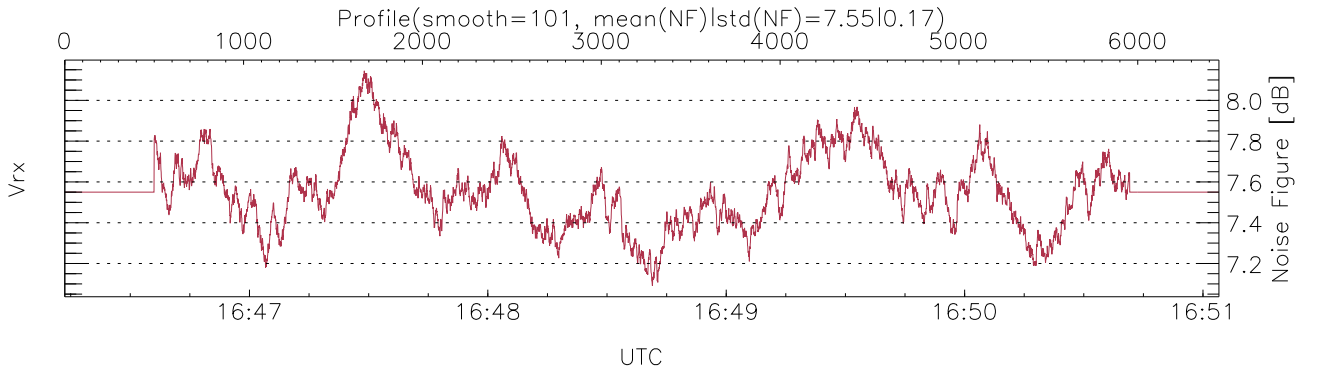
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:46:14-16:51:04, TimeCor: 0.00s, Dur: 290.50s
 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): 6455/6455, 0-6454/16:46:14-16:51:04
 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



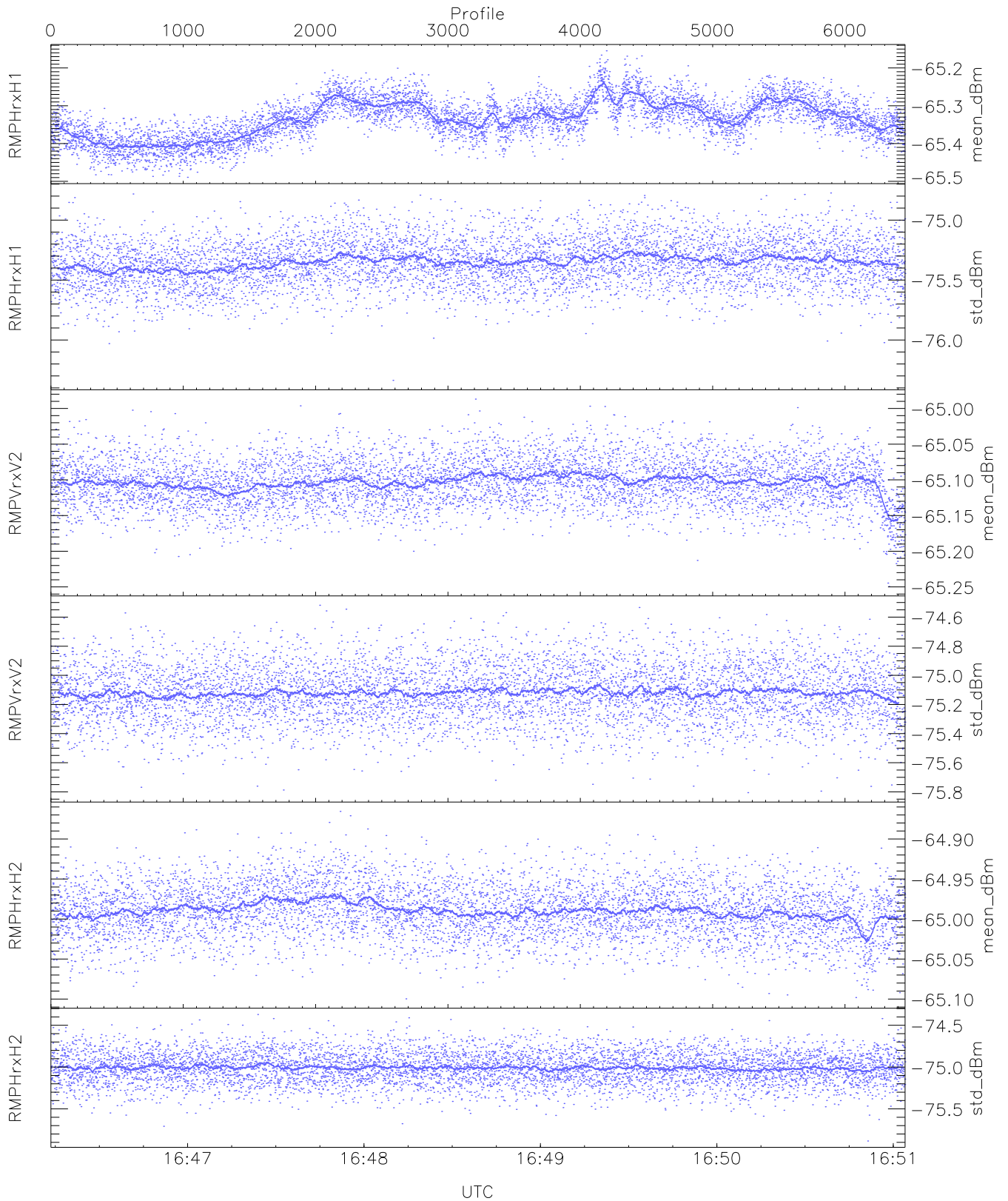
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,30,31
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK/Modulator Faults: None



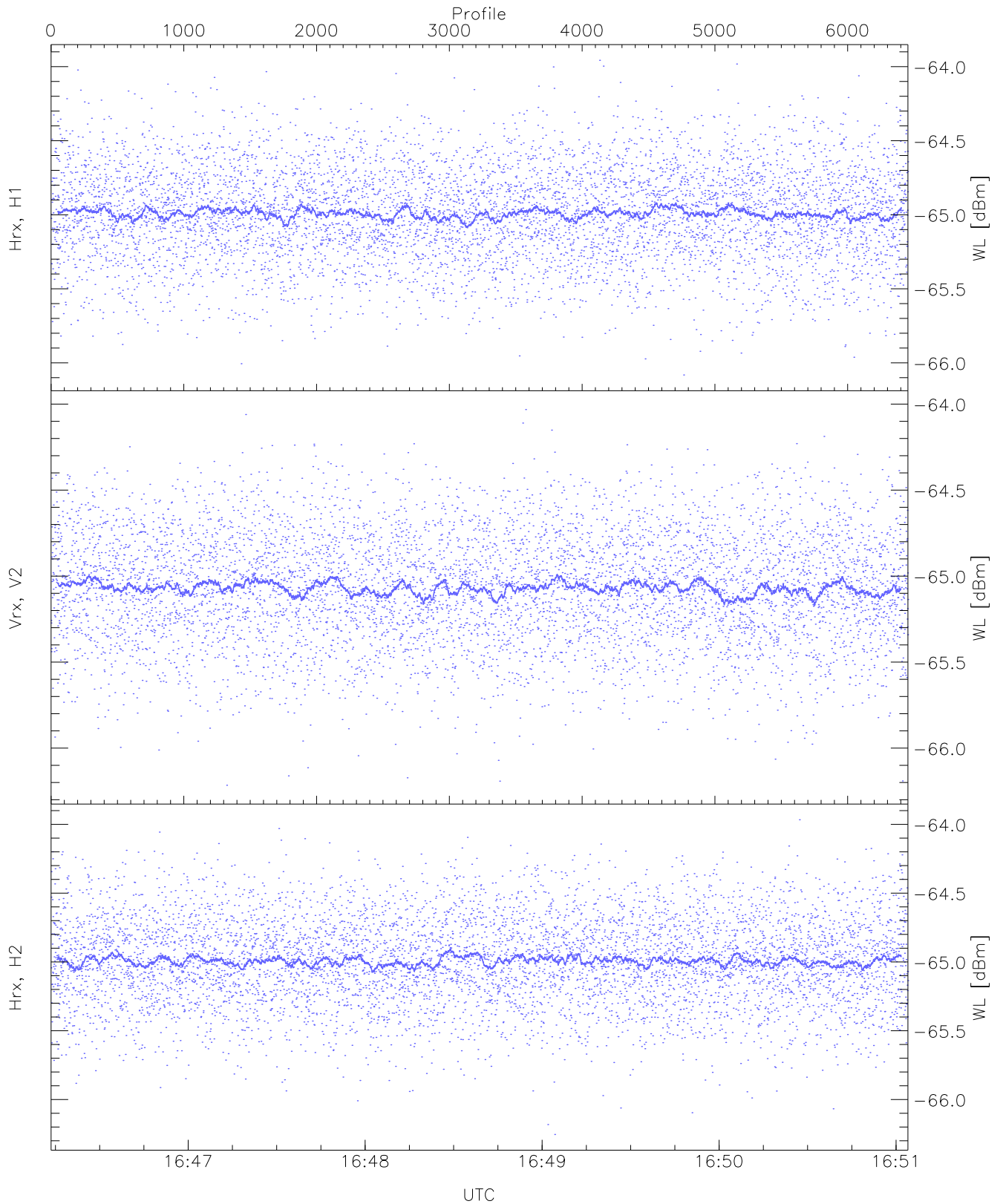
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 5 pixs, 1 gates, 5 profs, 1 prod(s)



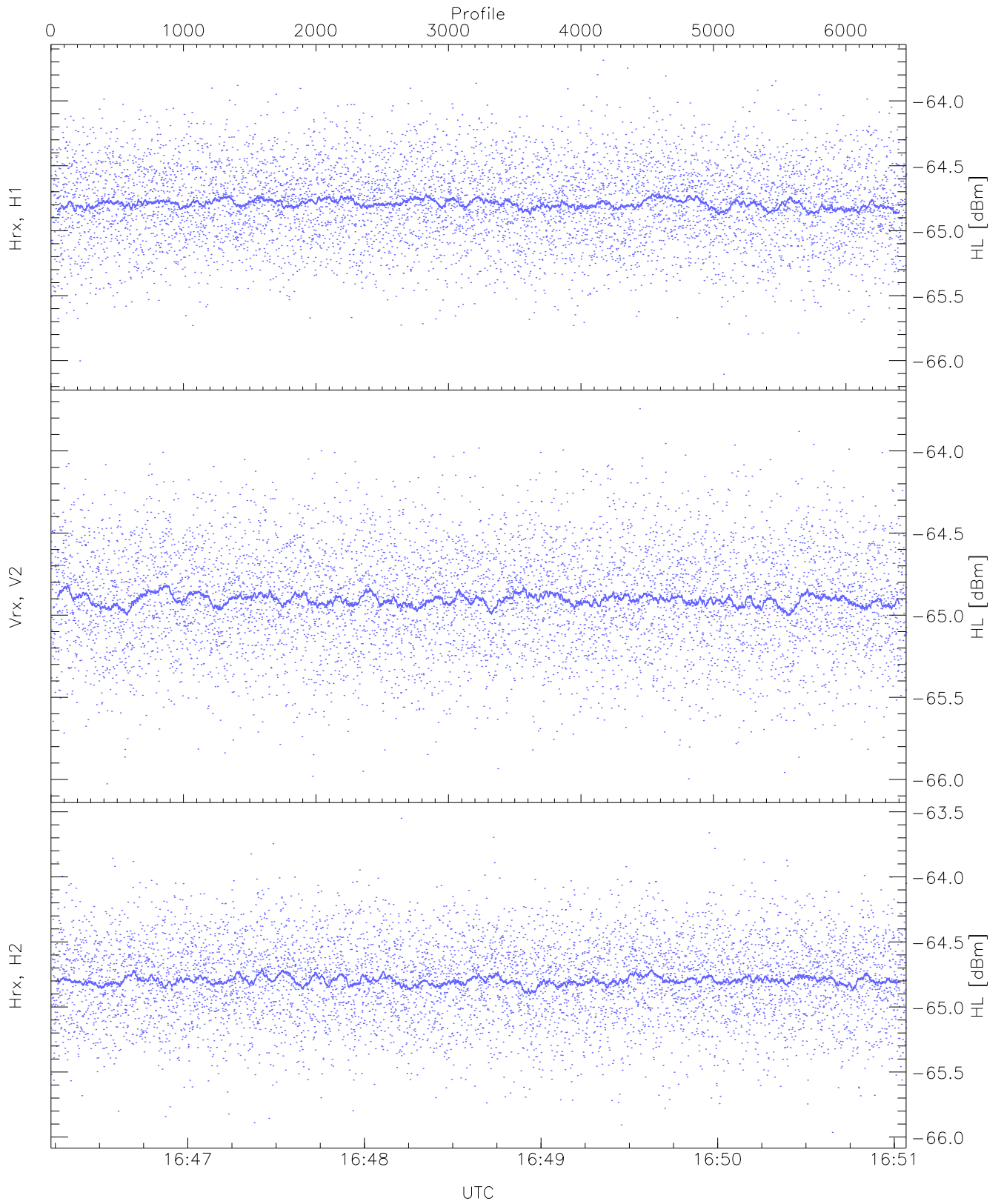
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.49	-65.15	-65.33	-65.33	-84.47
RMPHrxH1(std_dBm)	-76.34	-74.77	-75.35	-75.35	-89.01
RMPVrxV2(mean_dBm)	-65.25	-64.99	-65.10	-65.10	-86.47
RMPVrxV2(std_dBm)	-75.81	-74.52	-75.12	-75.12	-88.88
RMPHrxH2(mean_dBm)	-65.10	-64.87	-64.99	-64.99	-86.40
RMPHrxH2(std_dBm)	-75.88	-74.37	-75.01	-75.01	-88.83



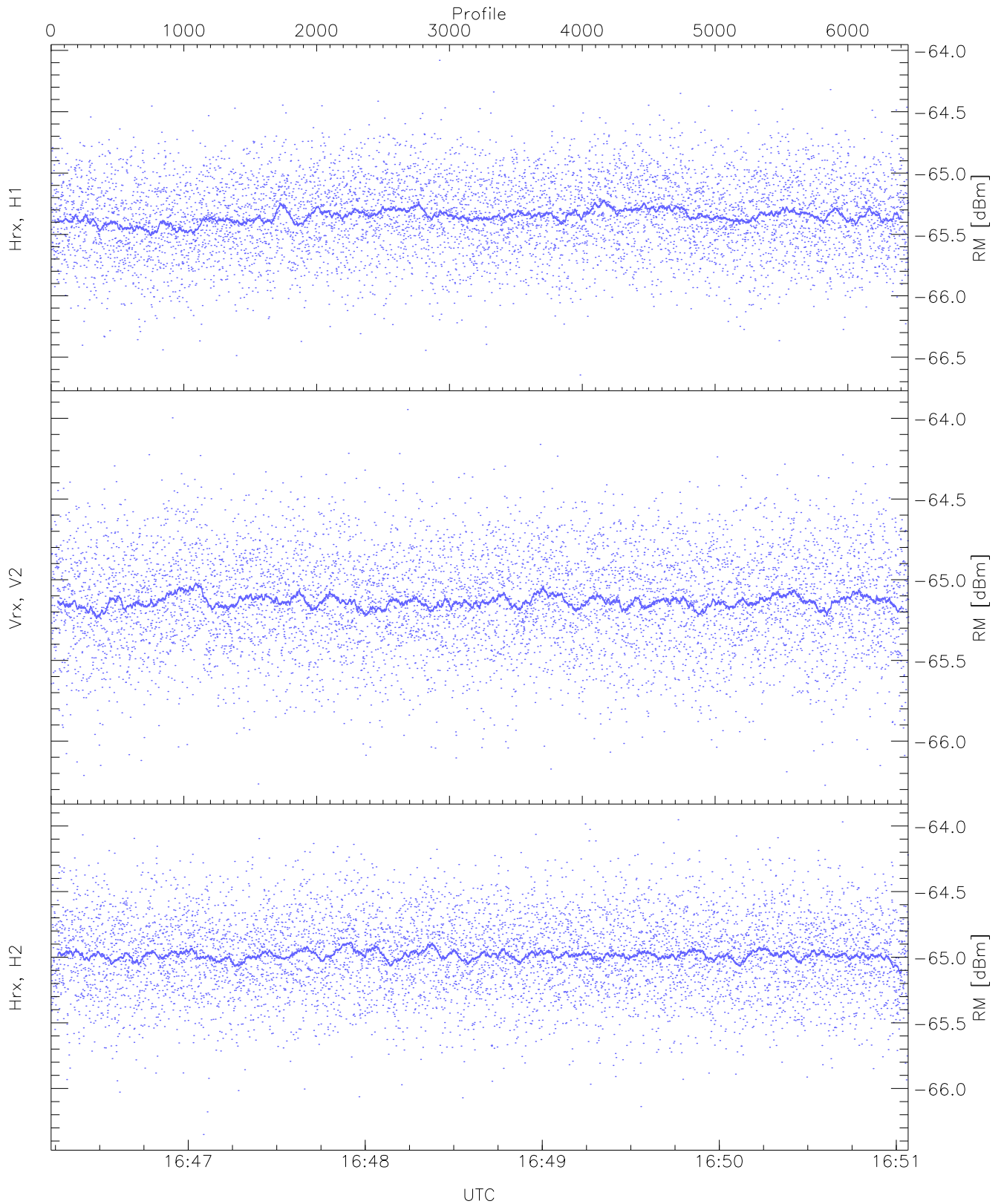
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.08	-63.96	-64.98	-64.99	-76.53
Vrx, V2 (WL [dBm])	-66.22	-64.03	-65.06	-65.07	-76.56
Hrx, H2 (WL [dBm])	-66.25	-63.97	-64.98	-64.99	-76.48



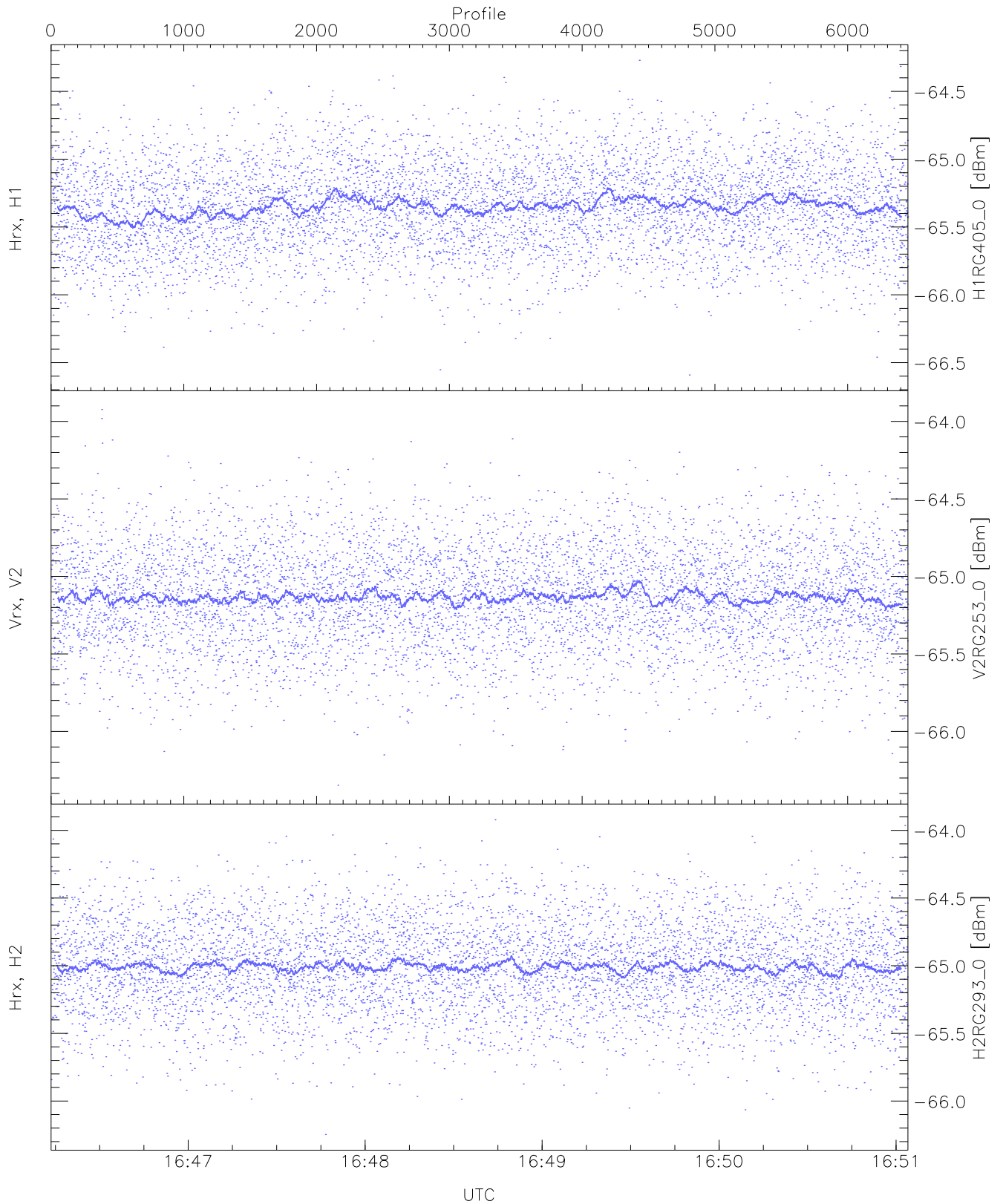
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.11	-63.69	-64.78	-64.79	-76.32
Vrx, V2 (HL [dBm])	-66.03	-63.74	-64.90	-64.91	-76.39
Hrx, H2 (HL [dBm])	-65.96	-63.55	-64.79	-64.79	-76.26



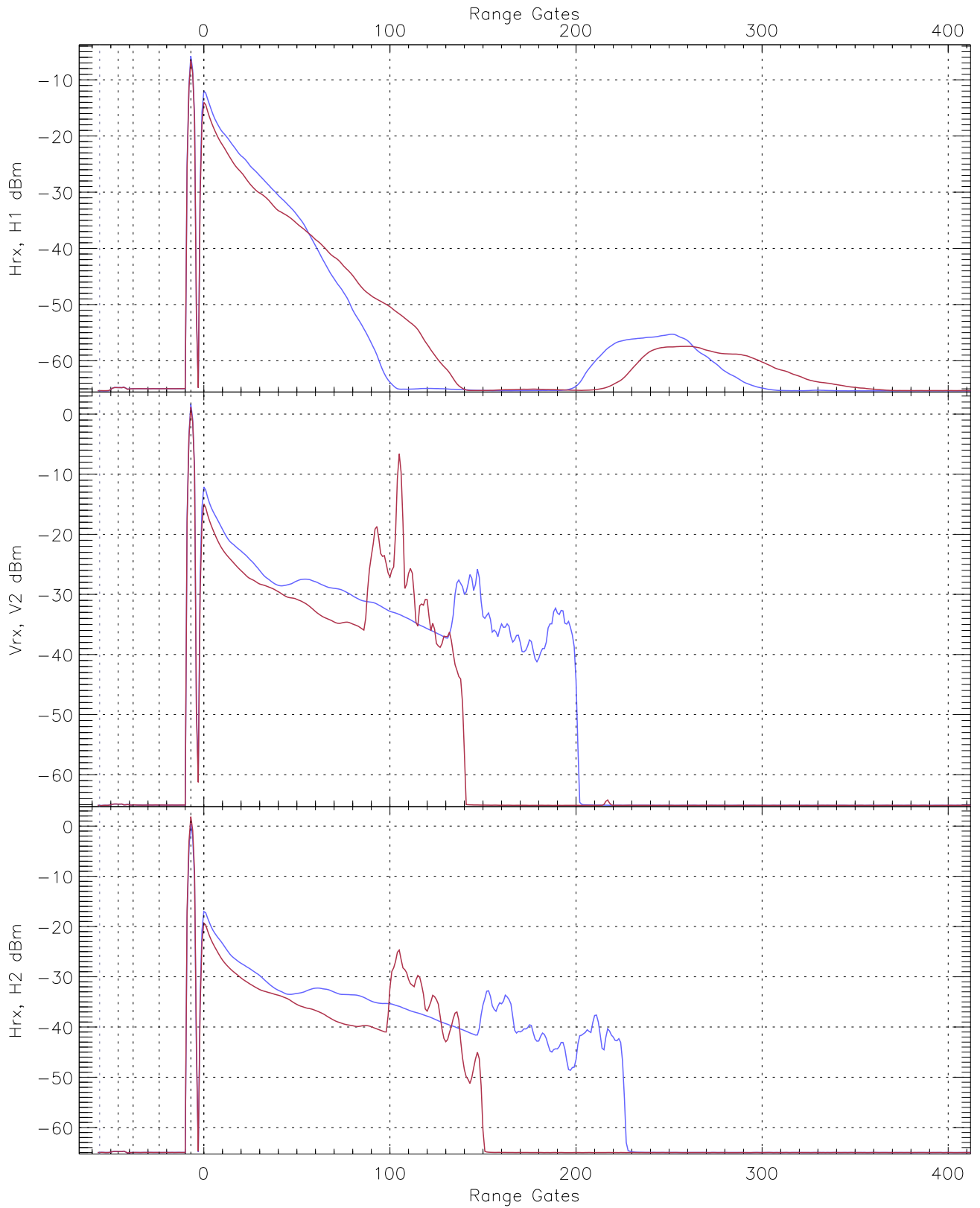
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.65	-64.08	-65.34	-65.35	-76.79
Vrx, V2 (RM [dBm])	-66.27	-63.95	-65.13	-65.14	-76.68
Hrx, H2 (RM [dBm])	-66.35	-63.95	-64.98	-64.98	-76.50

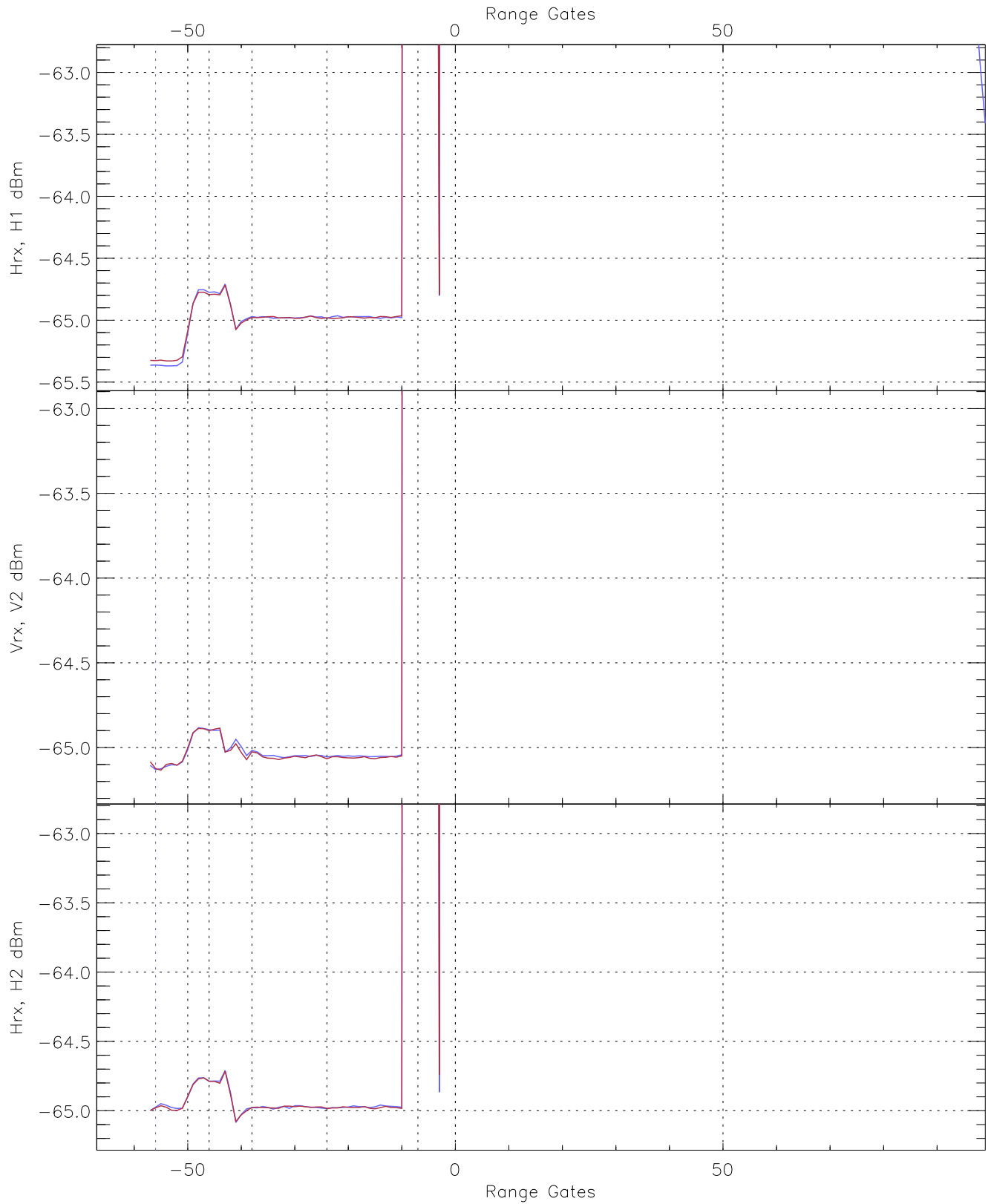


WCR3 CPP "Best" estimate Receivers Noise Power

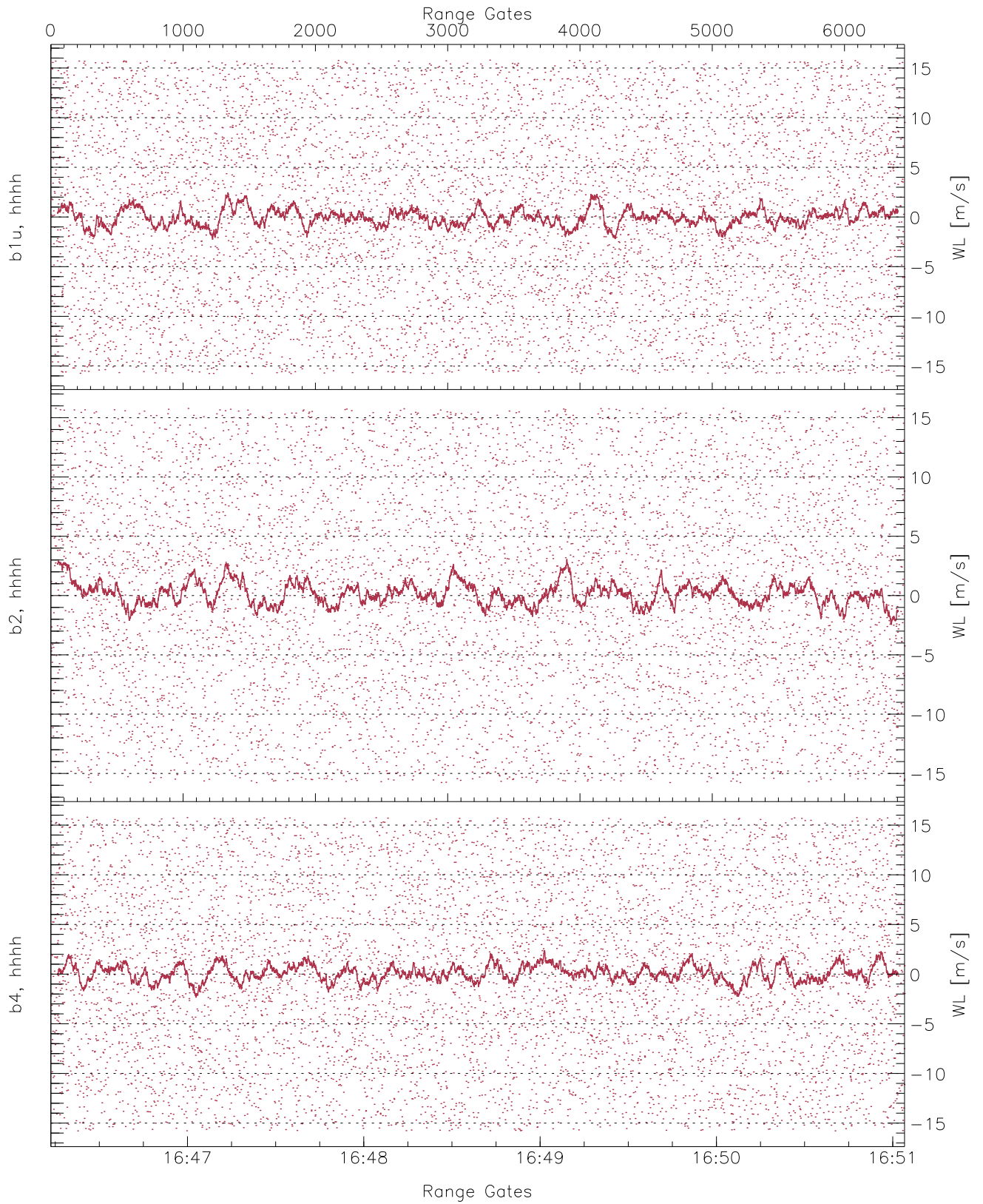
	Min	Max	Mean	Median	StDev
H1RG405_0 [dBm]	-66.59	-64.27	-65.34	-65.35	-76.82
V2RG253_0 [dBm]	-66.35	-63.92	-65.13	-65.13	-76.66
H2RG293_0 [dBm]	-66.25	-63.92	-65.00	-65.01	-76.47



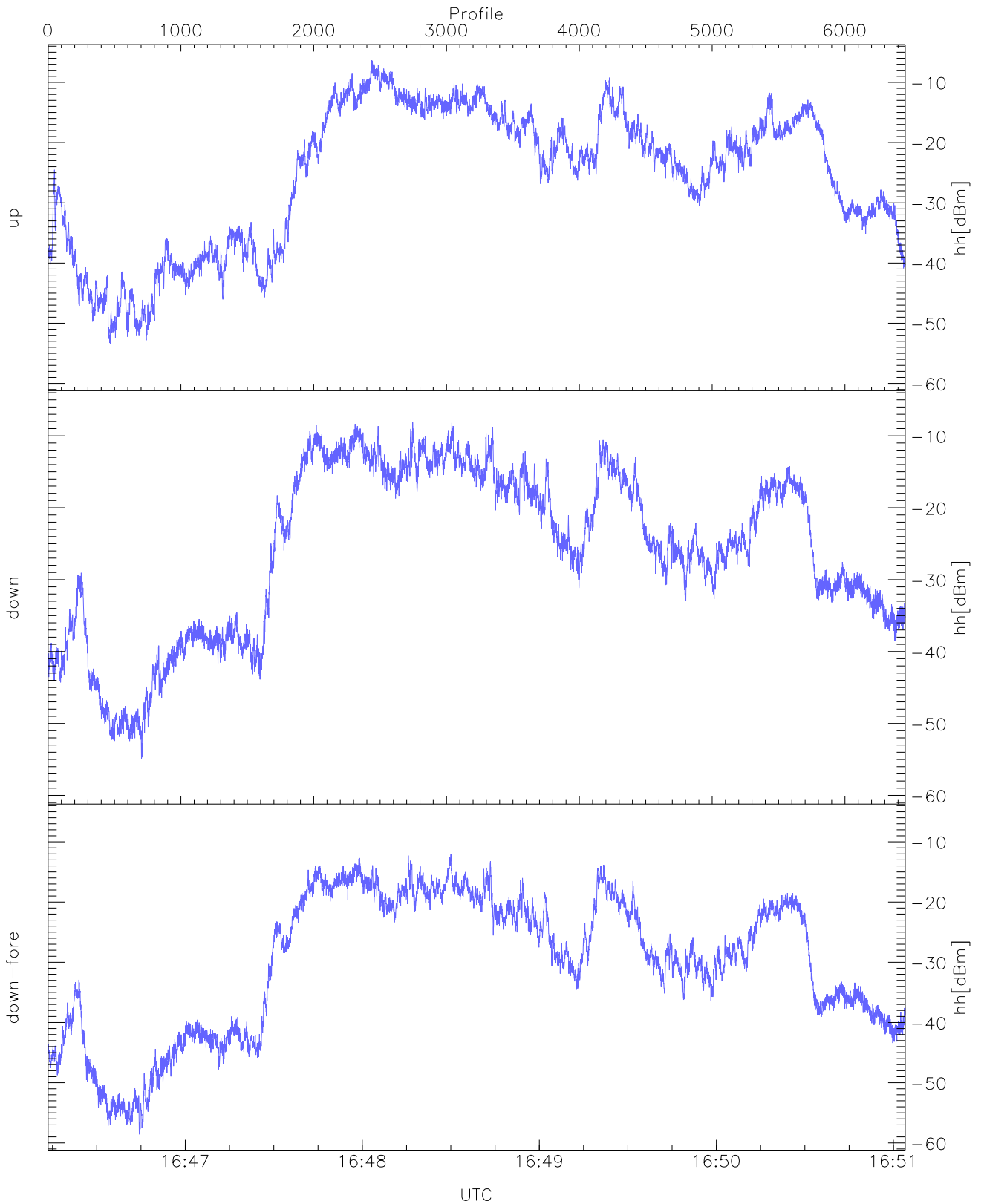
WCR3 CPP Averaged Received power for all recorded gates
blue: 164614-164839, 3228 profiles averaged
red: 164839-165104, 3228 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 164614-164839, 3228 profiles averaged
red: 164839-165104, 3228 profiles averaged

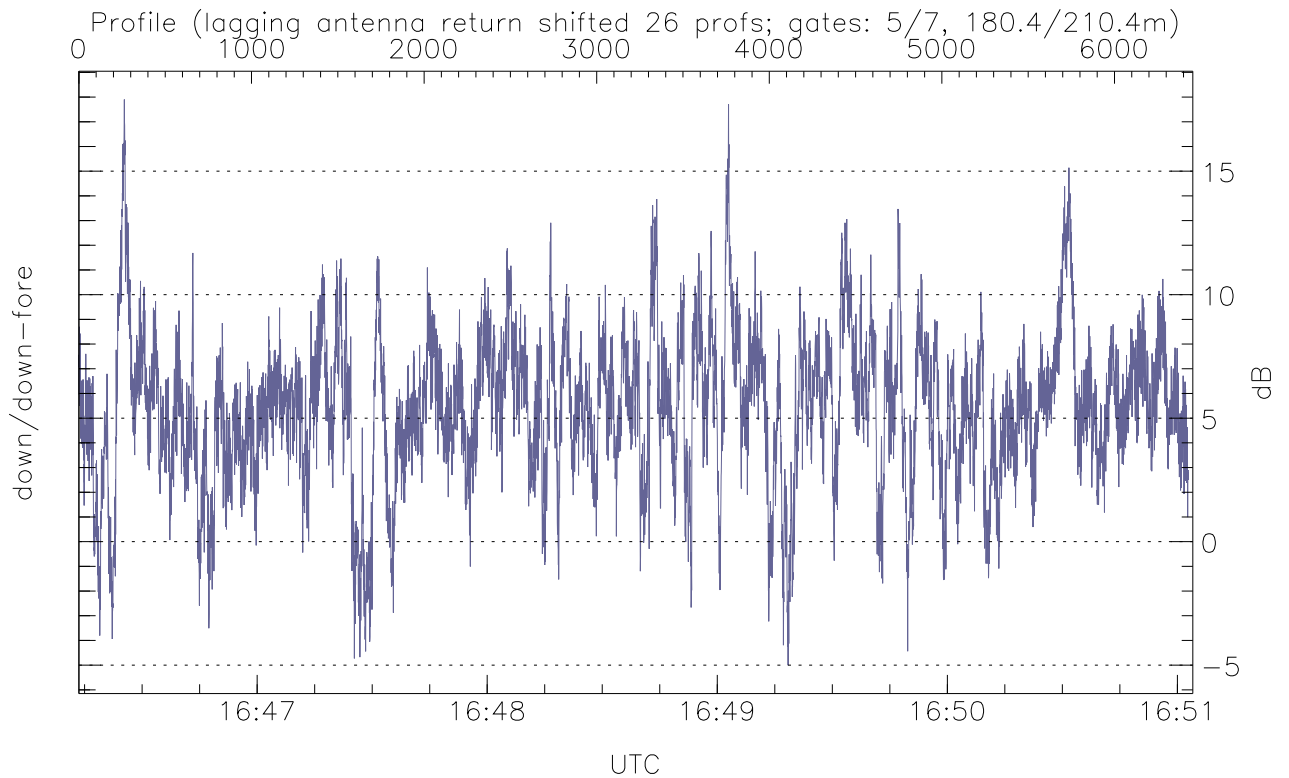
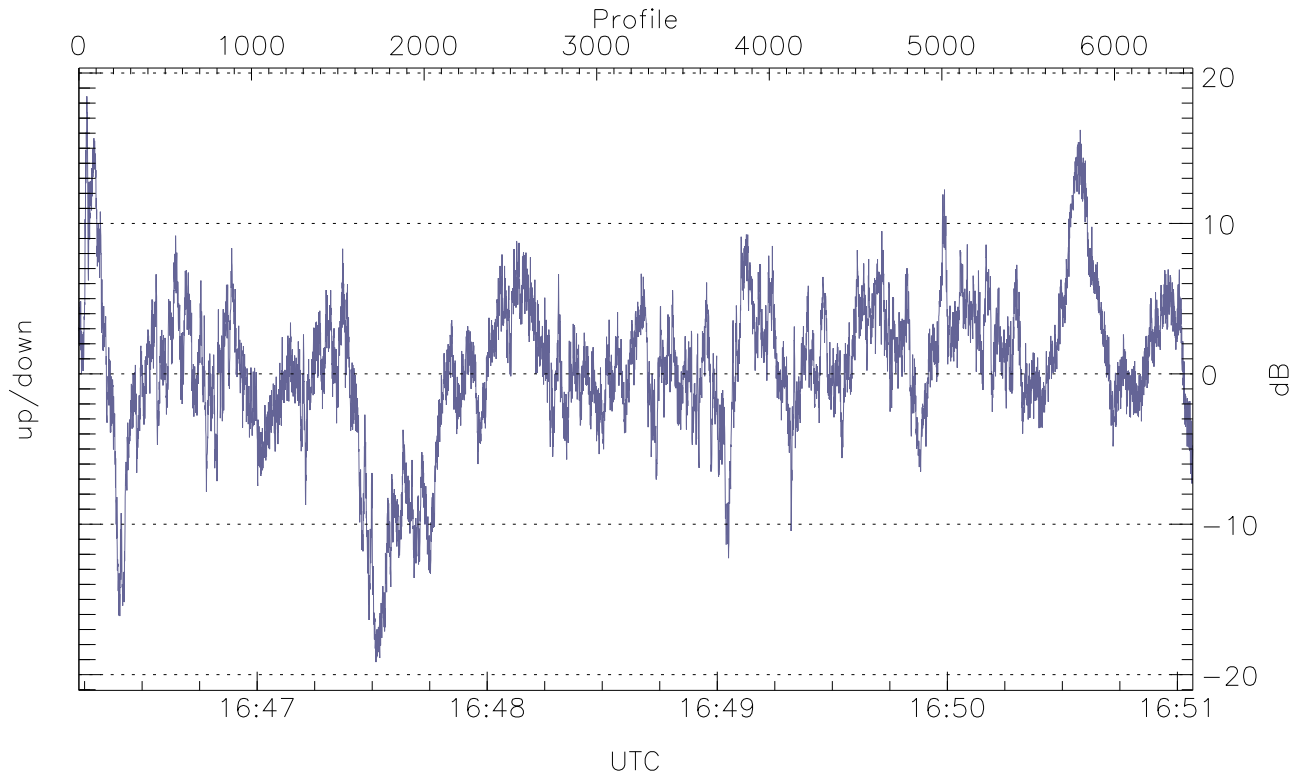


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



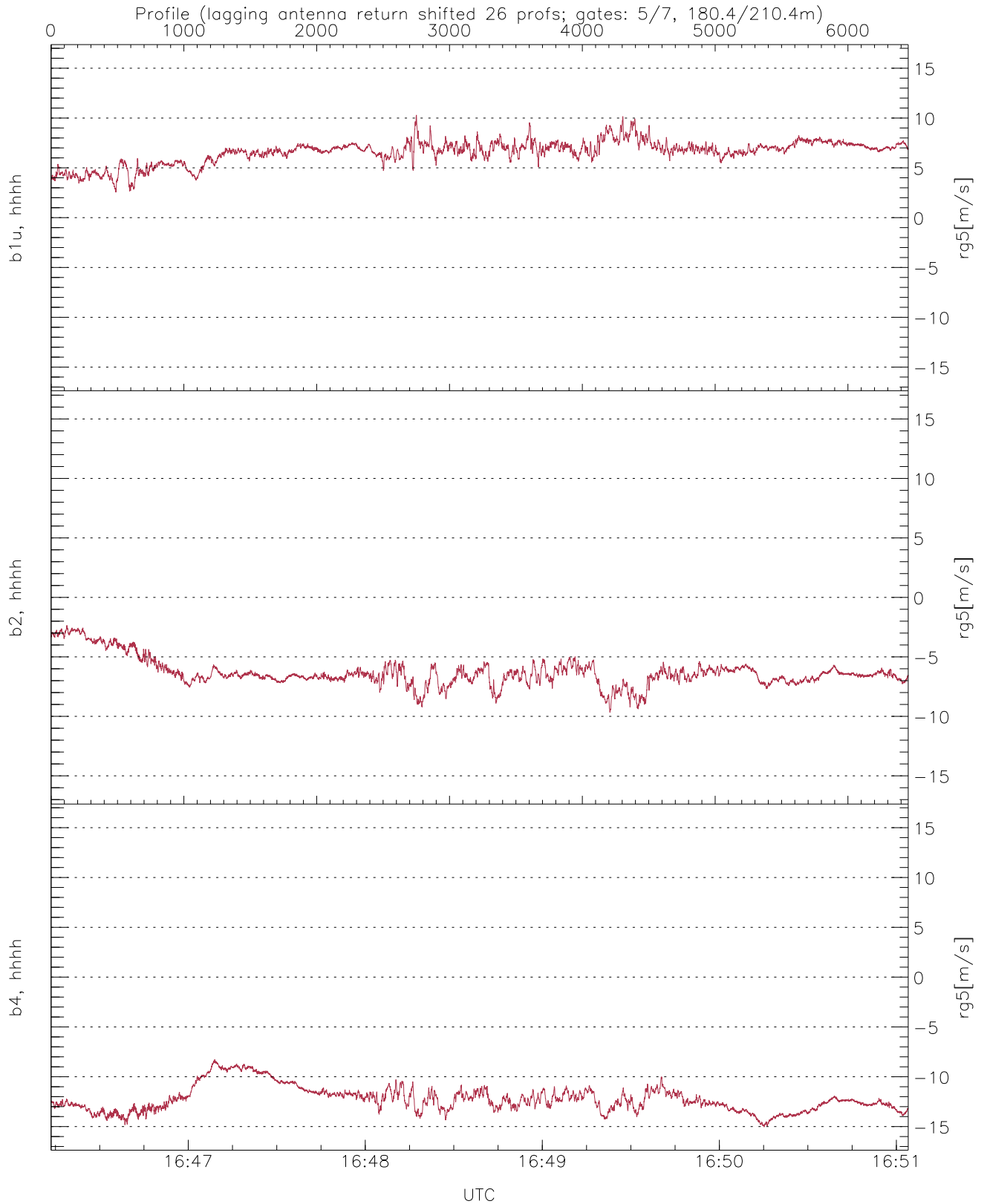
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-53.47	-6.34	-17.16
down(hh[dBm])	-54.96	-8.14	-17.51
down-fore(hh[dBm])	-58.59	-12.08	-21.94



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

	Min	Max	Mean
up/down (dB)	-19.16	18.45	0.33
down/down-fore (dB)	-5.01	17.90	5.38



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	2.54	10.30	6.58	1.16
b2, hhhh(rg5[m/s])	-9.68	-2.35	-6.34	1.19
b4, hhhh(rg5[m/s])	-15.05	-8.27	-12.25	1.29