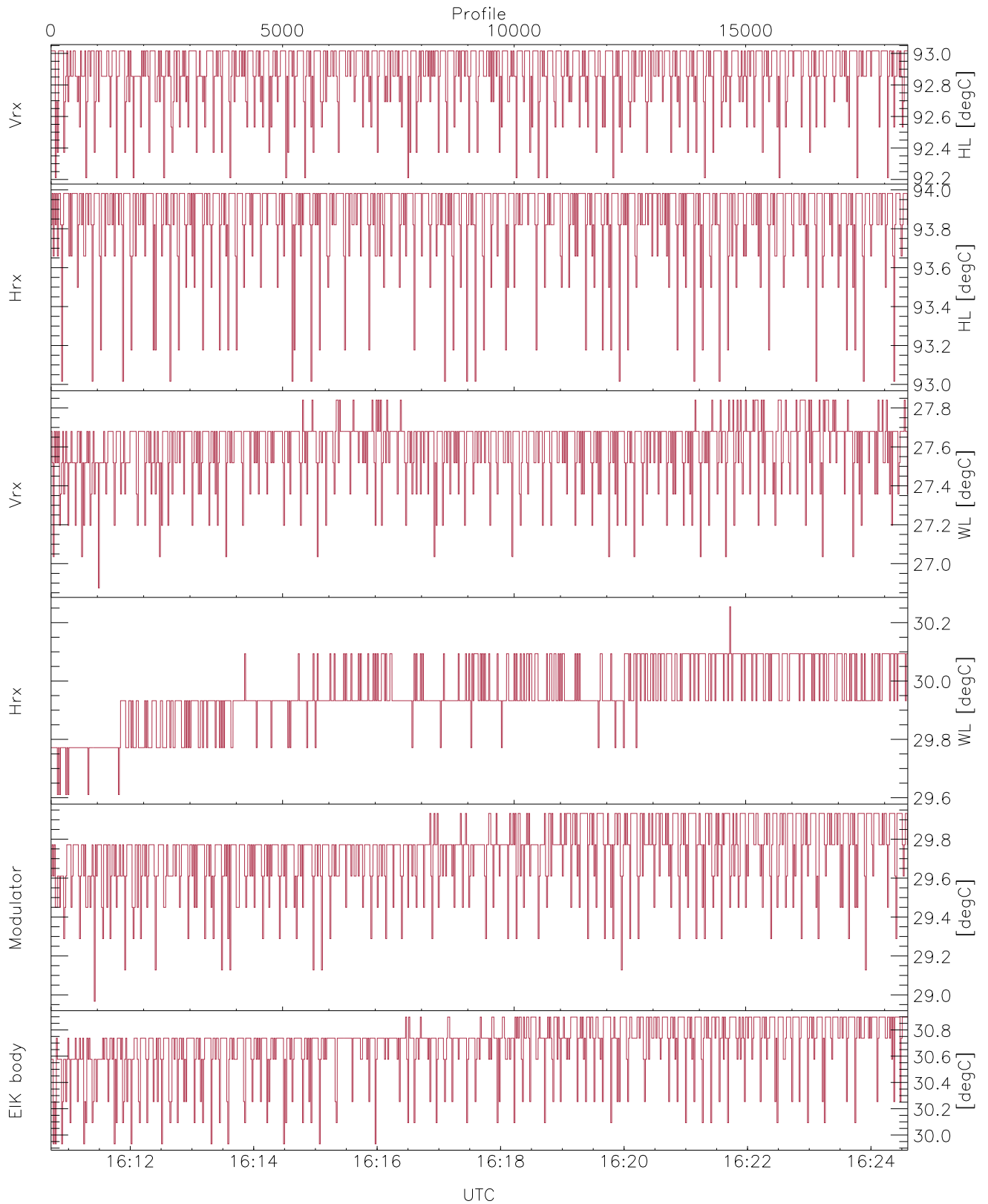


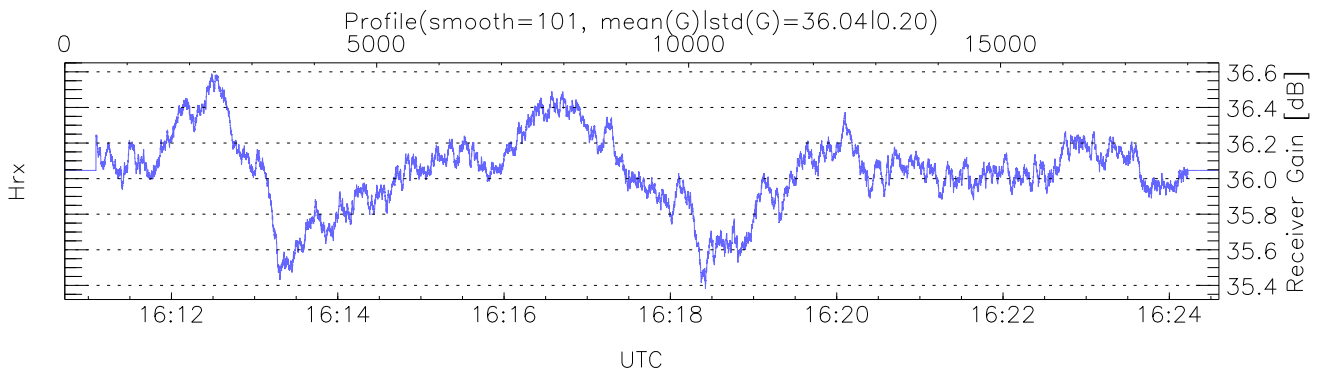
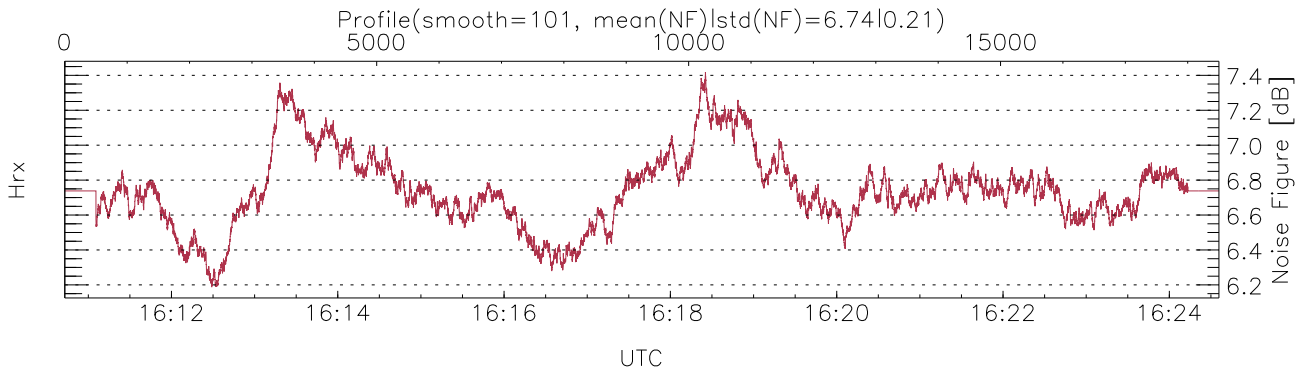
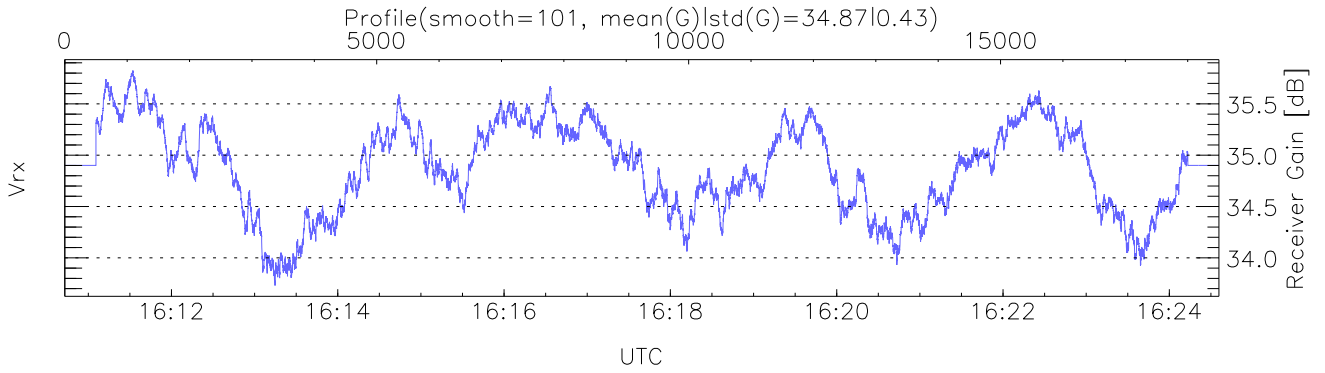
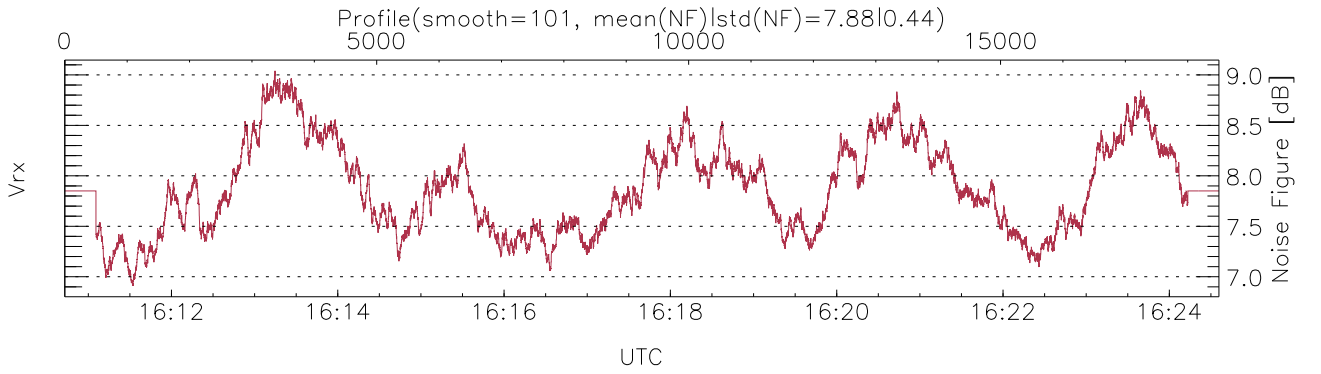
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:10:43-16:24:36, TimeCor: 0.00s, Dur: 832.75s
 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): 18502/18502, 0-18501/16:10:43-16:24:36
 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



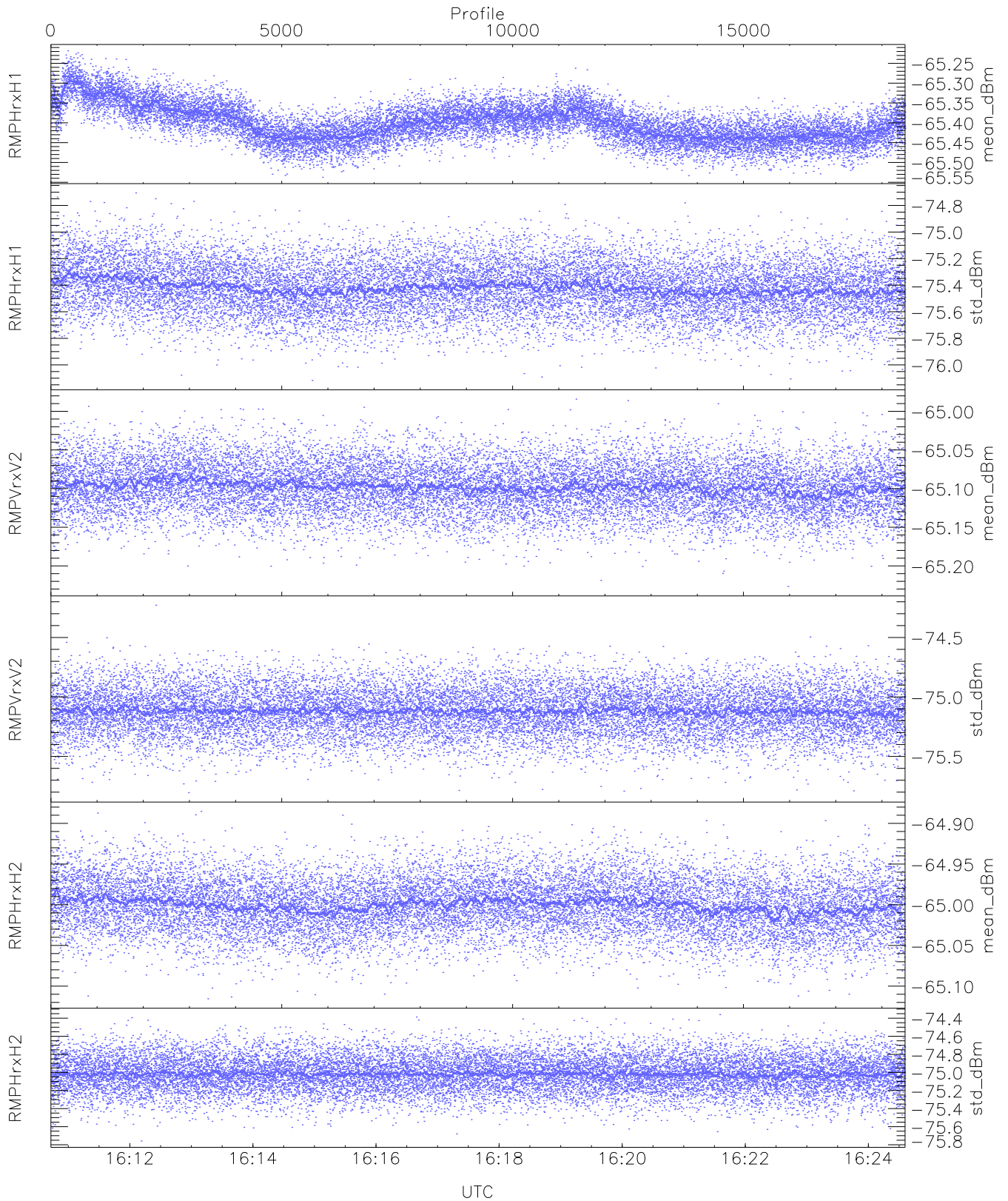
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,29,28,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,93,27,30,29,30
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



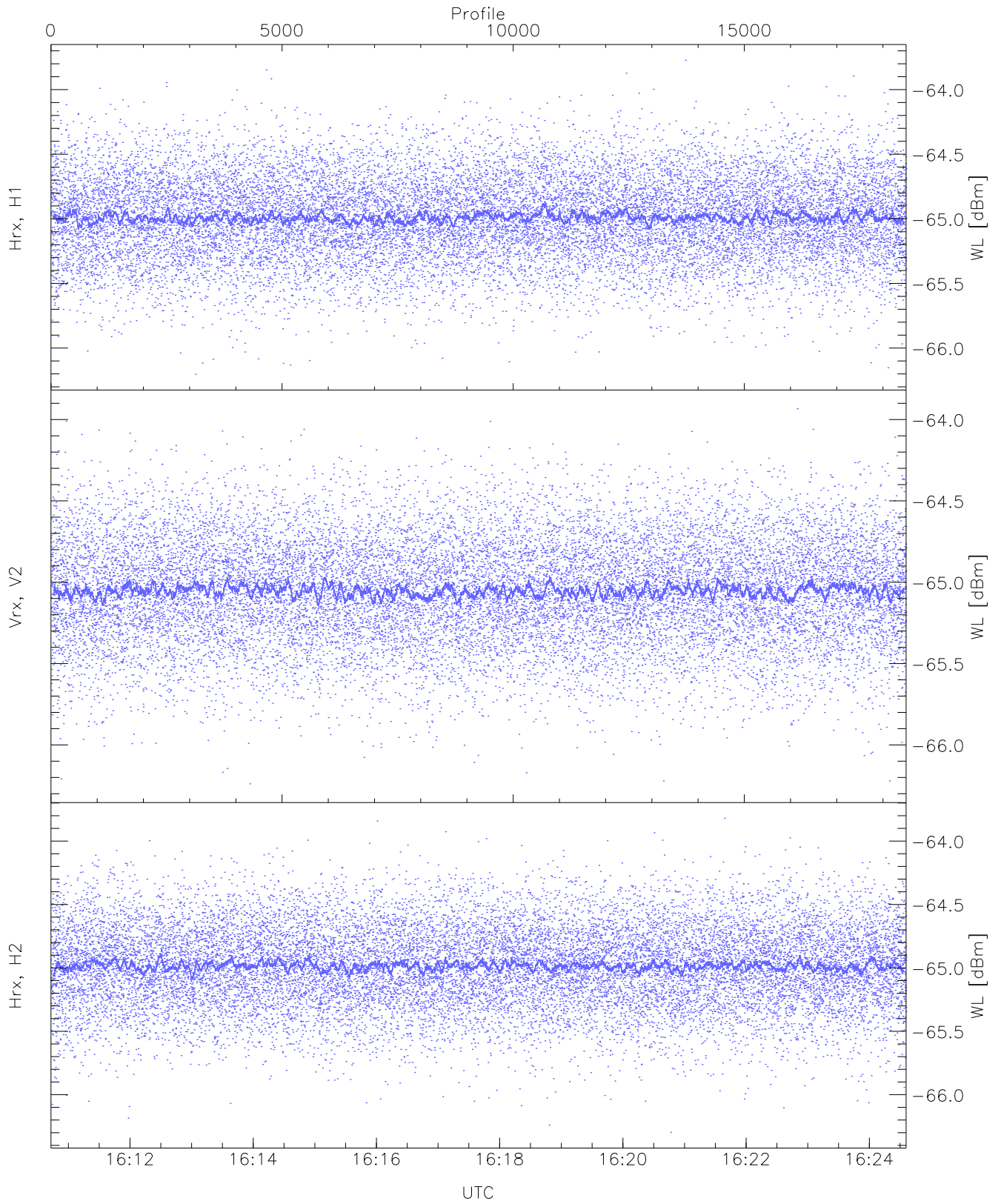
WCR3 CPP Receivers Gain and Noise Figure

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



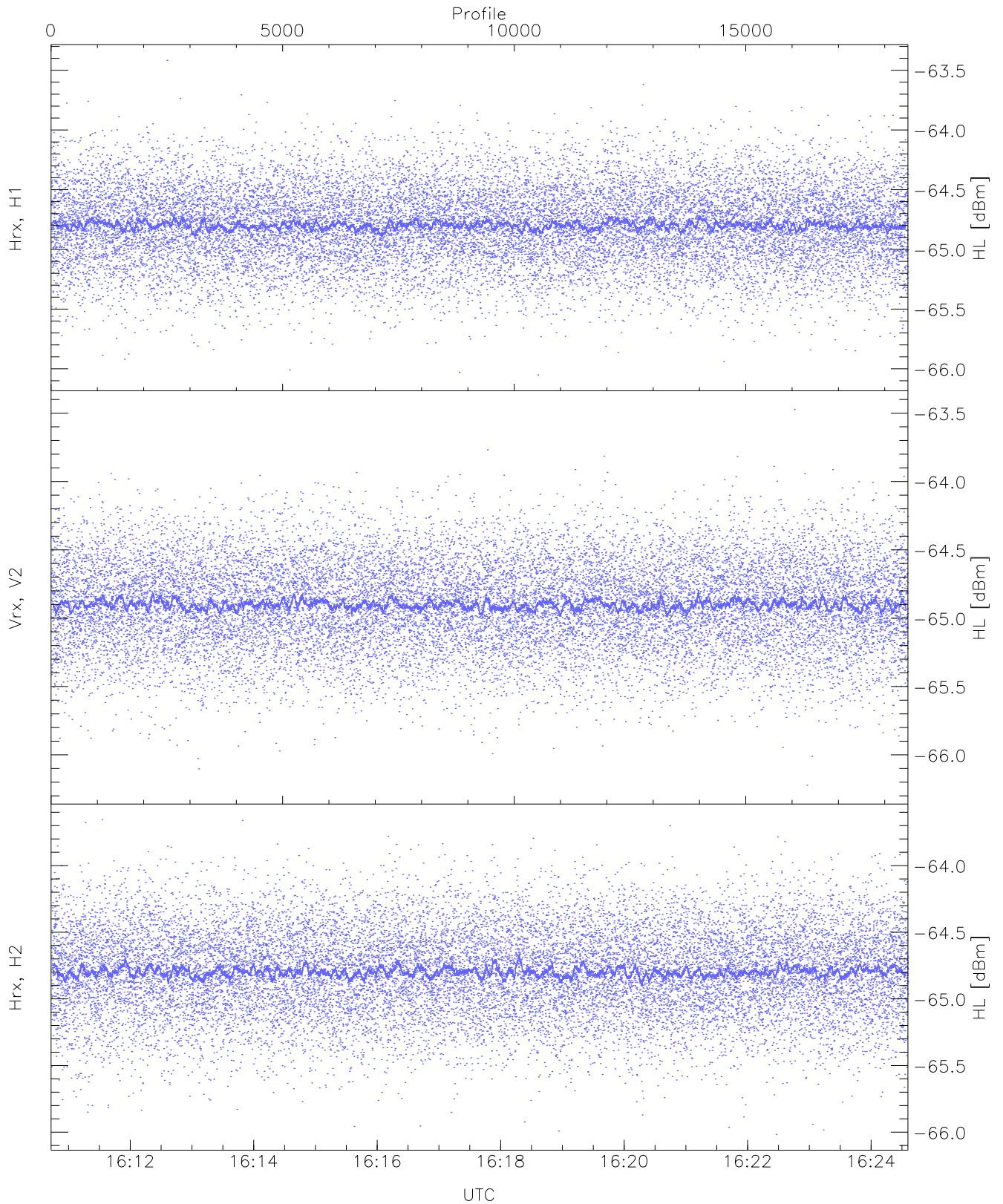
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.54	-65.22	-65.40	-65.41	-85.04
RMPHrxH1(std_dBm)	-76.12	-74.71	-75.42	-75.42	-89.13
RMPVrxV2(mean_dBm)	-65.23	-64.98	-65.10	-65.10	-86.64
RMPVrxV2(std_dBm)	-75.80	-74.23	-75.12	-75.12	-88.93
RMPHrxH2(mean_dBm)	-65.12	-64.89	-65.00	-65.00	-86.53
RMPHrxH2(std_dBm)	-75.76	-74.36	-75.02	-75.02	-88.82



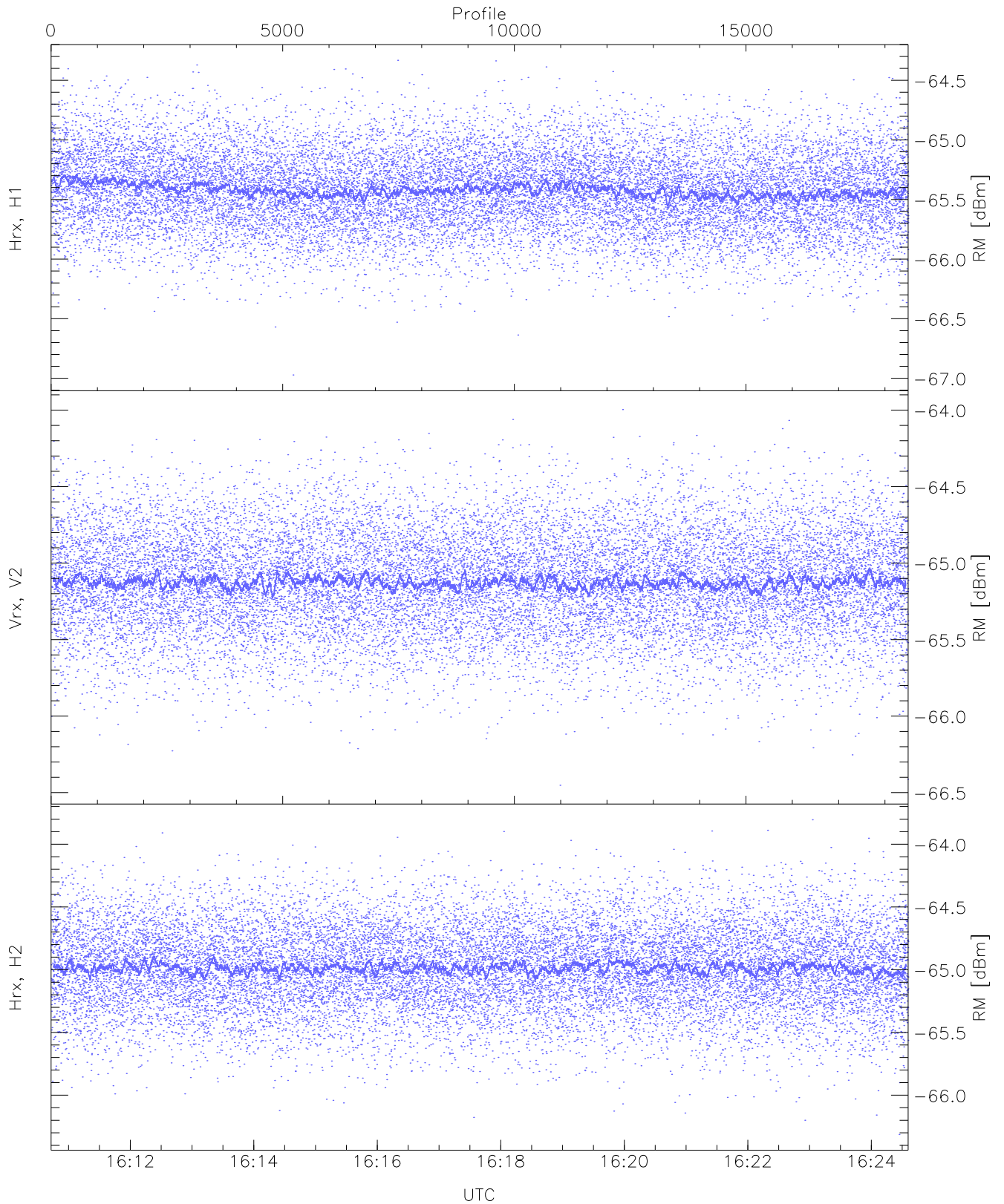
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.20	-63.77	-64.98	-64.99	-76.49
Vrx, V2 (WL [dBm])	-66.24	-63.93	-65.05	-65.05	-76.60
Hrx, H2 (WL [dBm])	-66.30	-63.82	-64.98	-64.99	-76.50



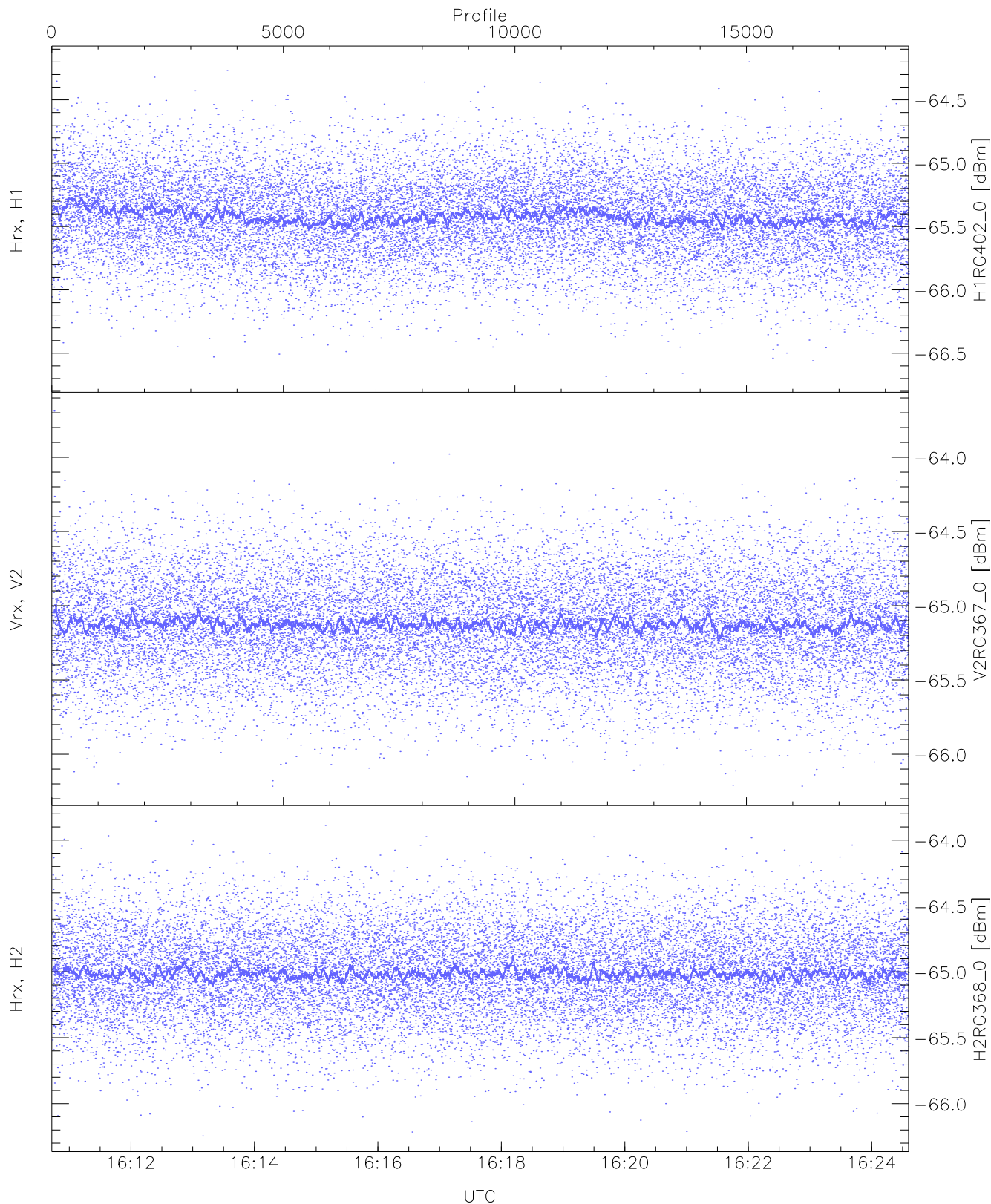
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.05	-63.42	-64.79	-64.80	-76.31
Vrx, V2 (HL [dBm])	-66.22	-63.47	-64.89	-64.90	-76.41
Hrx, H2 (HL [dBm])	-66.02	-63.66	-64.79	-64.80	-76.27



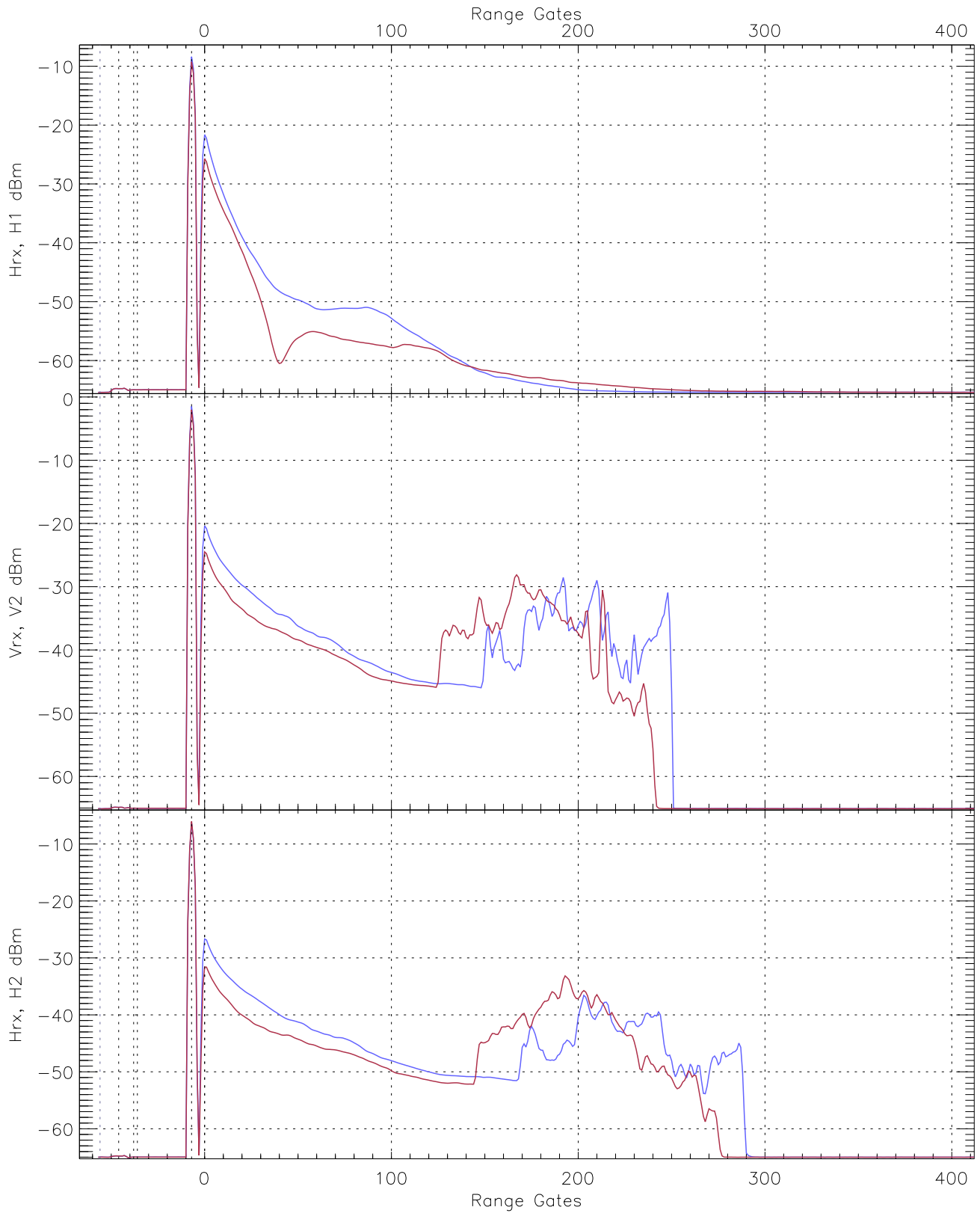
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.97	-64.33	-65.42	-65.42	-76.89
Vrx, V2 (RM [dBm])	-66.45	-64.00	-65.12	-65.13	-76.63
Hrx, H2 (RM [dBm])	-66.31	-63.81	-64.98	-64.99	-76.44

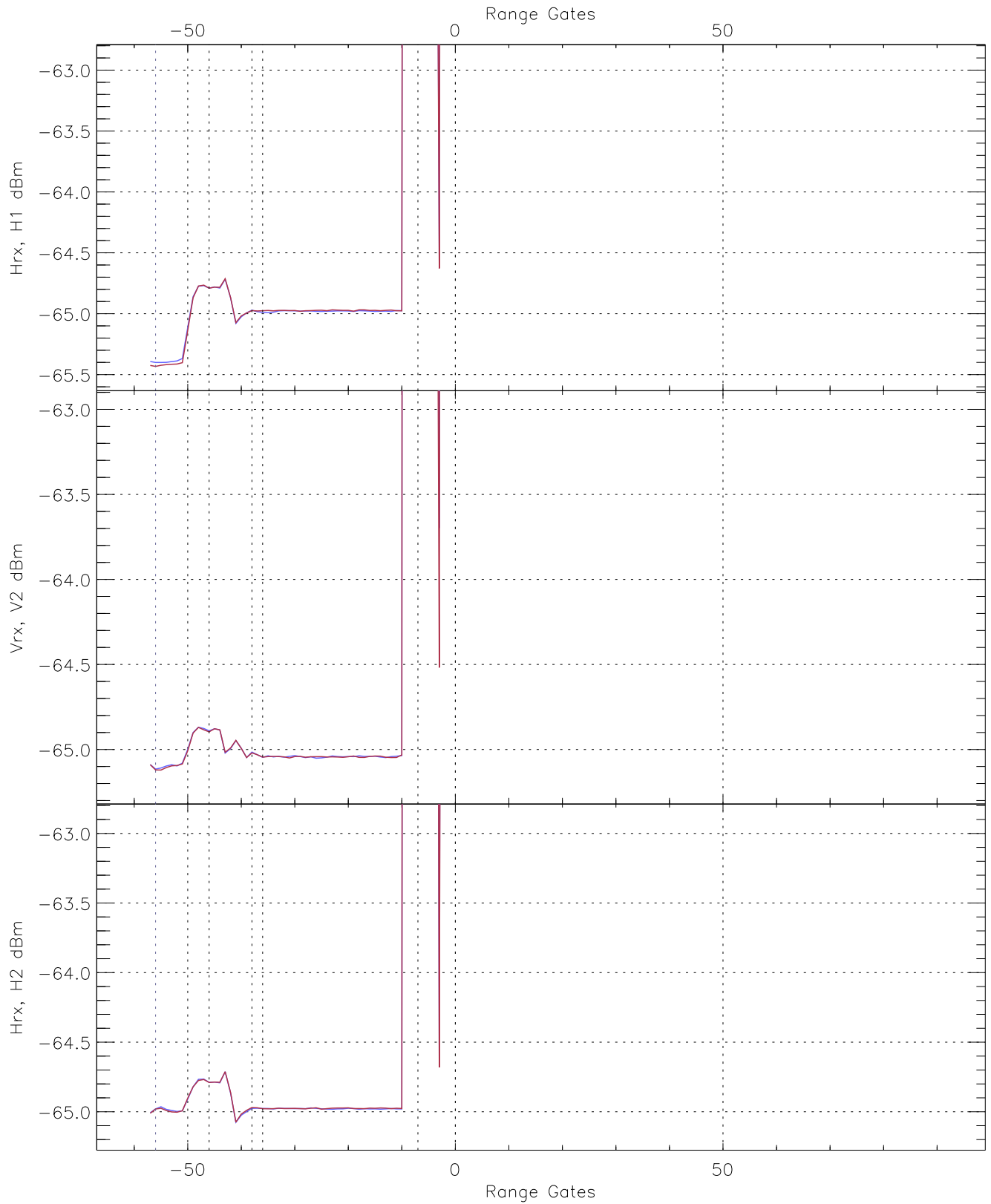


WCR3 CPP "Best" estimate Receivers Noise Power

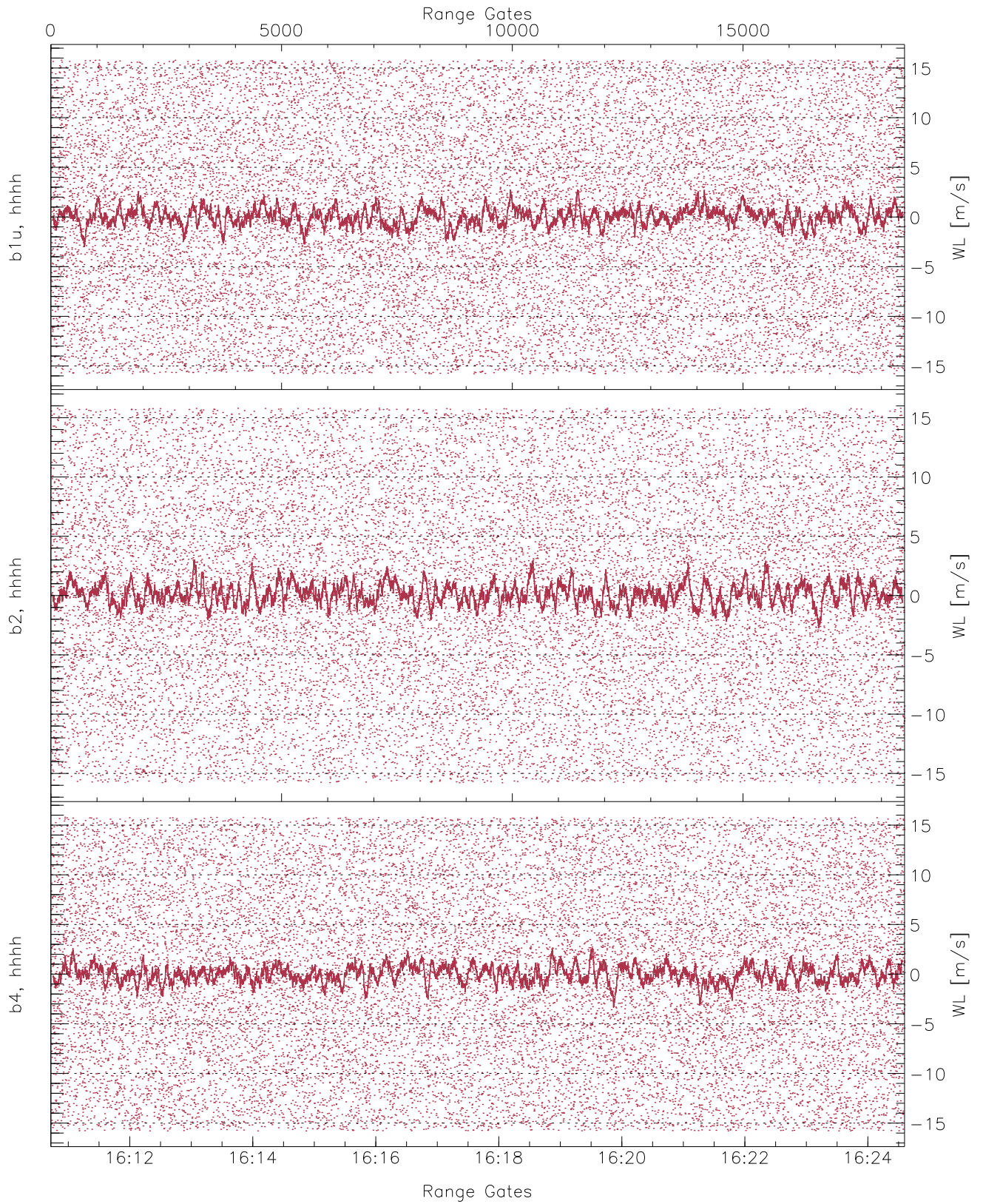
	Min	Max	Mean	Median	StDev
H1RG402_0 [dBm]	-66.68	-64.20	-65.42	-65.42	-76.89
V2RG367_0 [dBm]	-66.22	-63.69	-65.12	-65.13	-76.65
H2RG368_0 [dBm]	-66.25	-63.86	-65.01	-65.02	-76.50



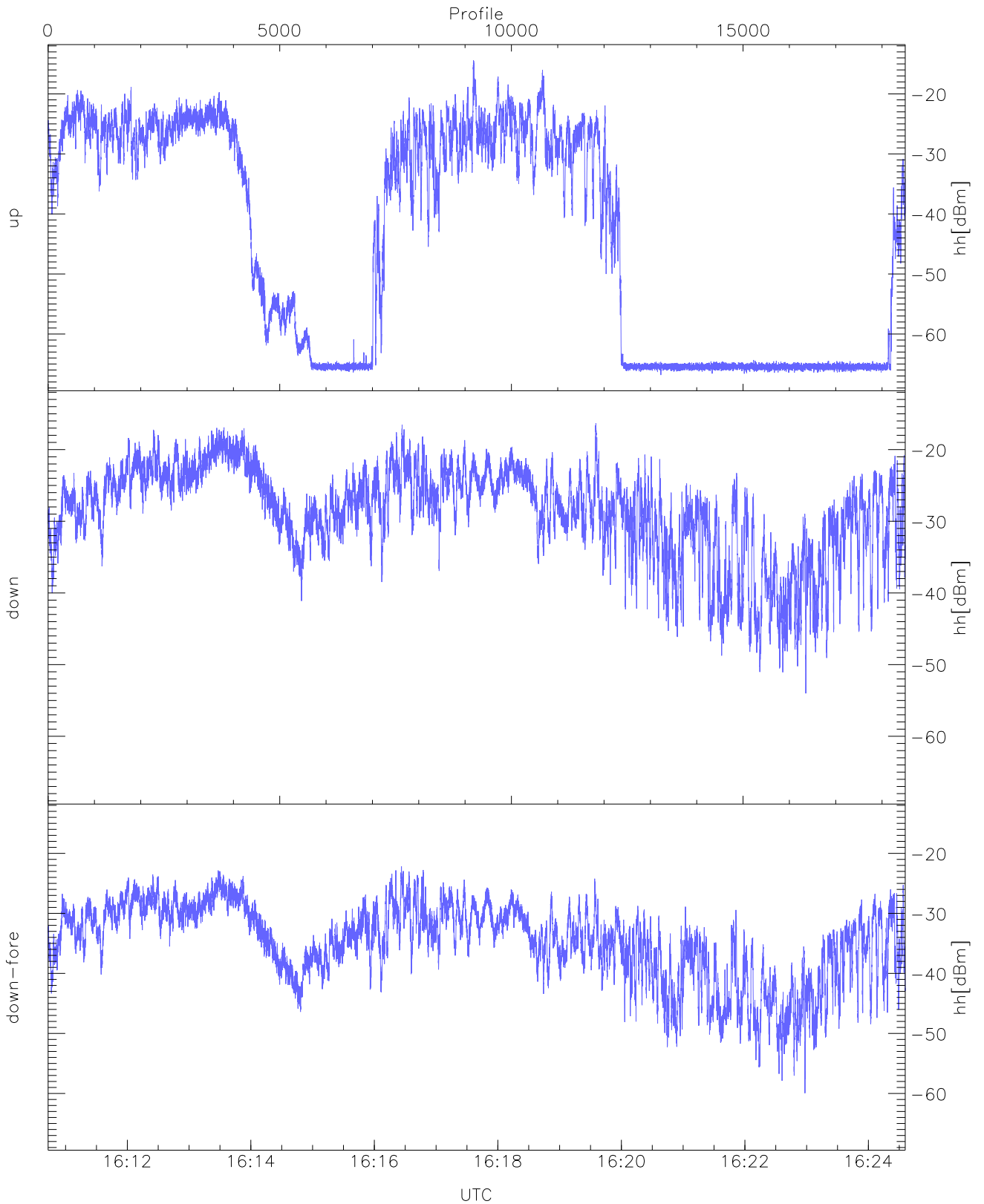
WCR3 CPP Averaged Received power for all recorded gates
blue: 161043-161739, 9252 profiles averaged
red: 161739-162436, 9251 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 161043-161739, 9252 profiles averaged
red: 161739-162436, 9251 profiles averaged

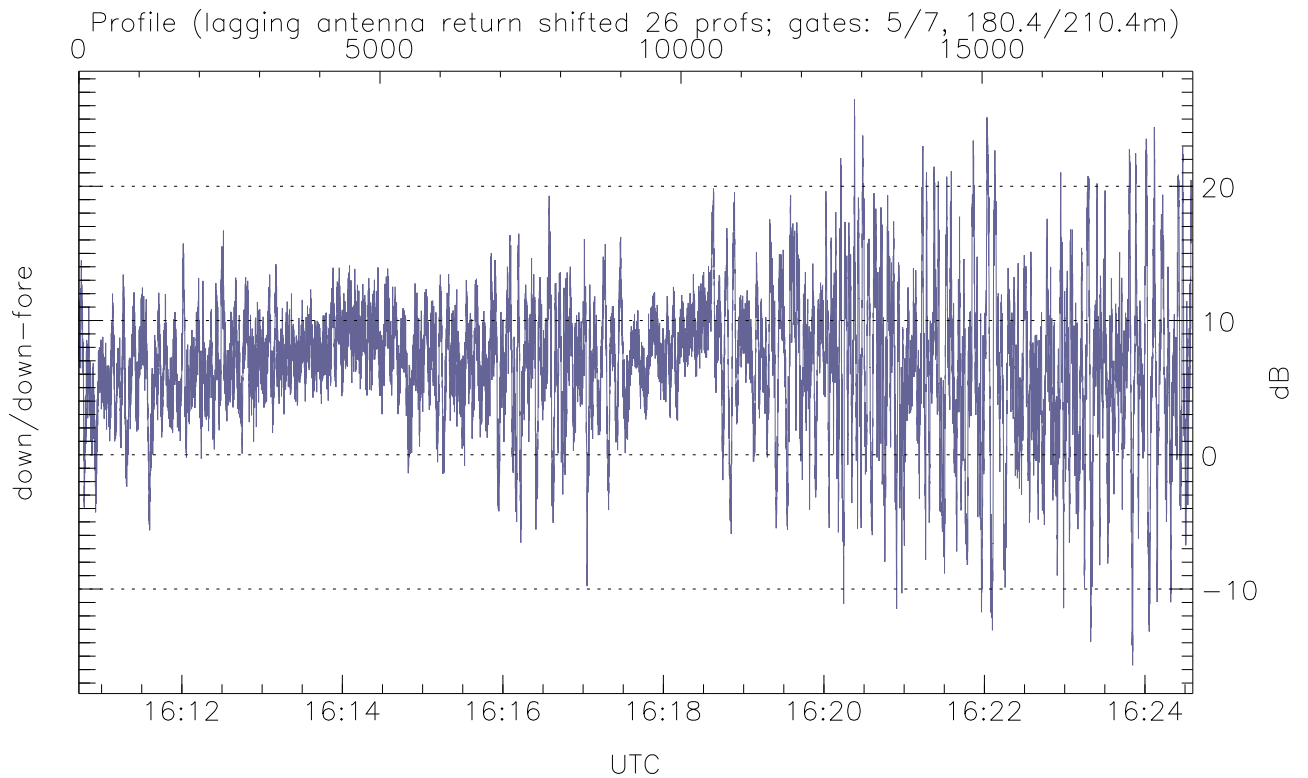
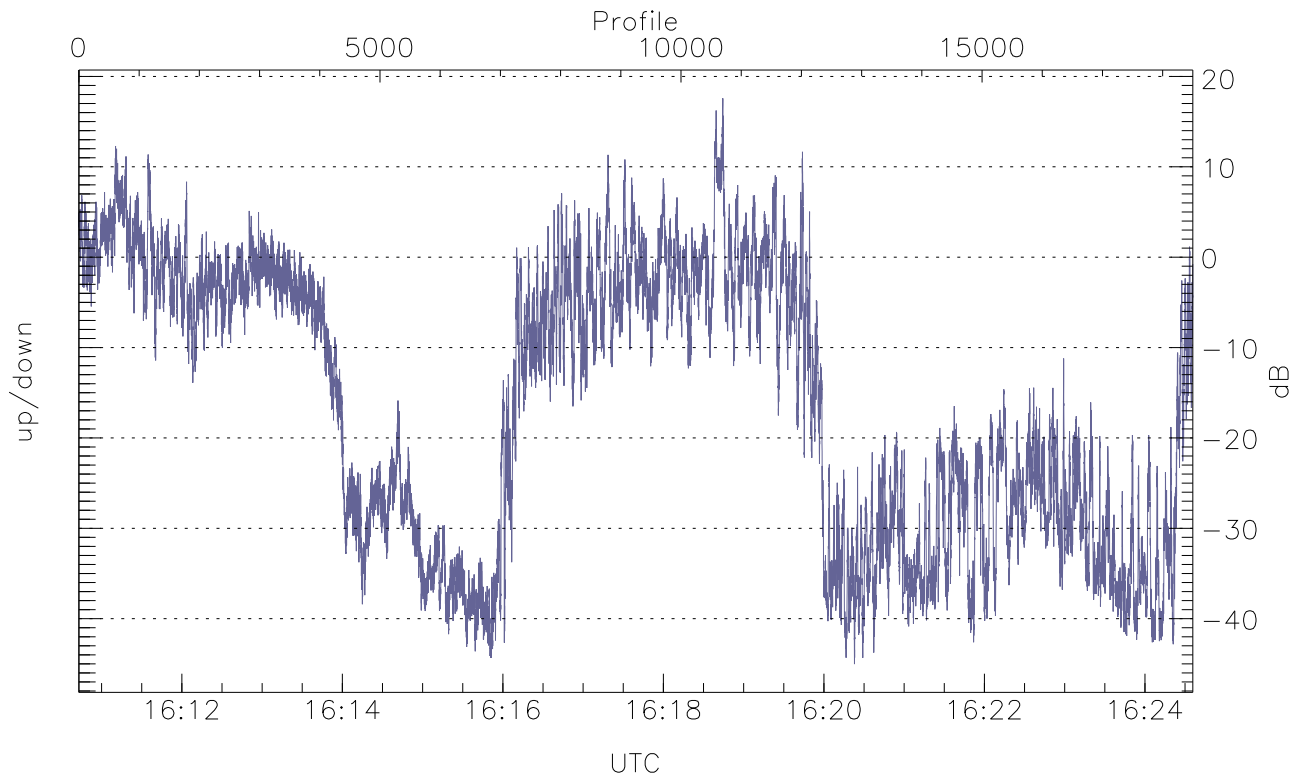


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



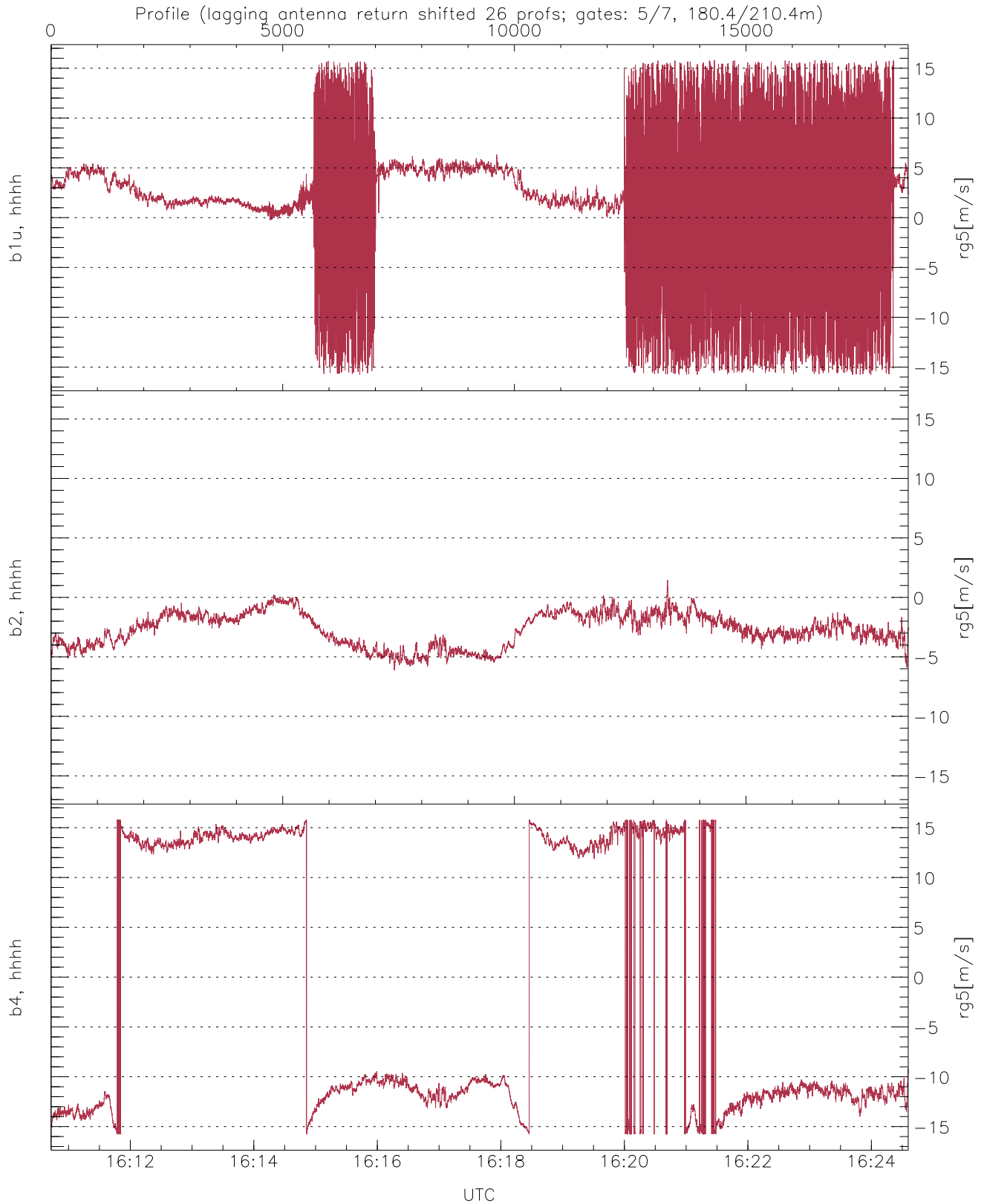
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.83	-14.41	-28.51
down(hh[dBm])	-54.02	-16.32	-25.47
down-fore(hh[dBm])	-59.95	-22.17	-31.56



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

	Min	Max	Mean
up/down (dB)	-45.02	17.58	-16.22
down/down-fore (dB)	-15.68	26.46	6.80



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	1.87	5.65
b2, hhhh(rg5[m/s])	-6.11	1.44	-2.69	1.39
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.49	12.95