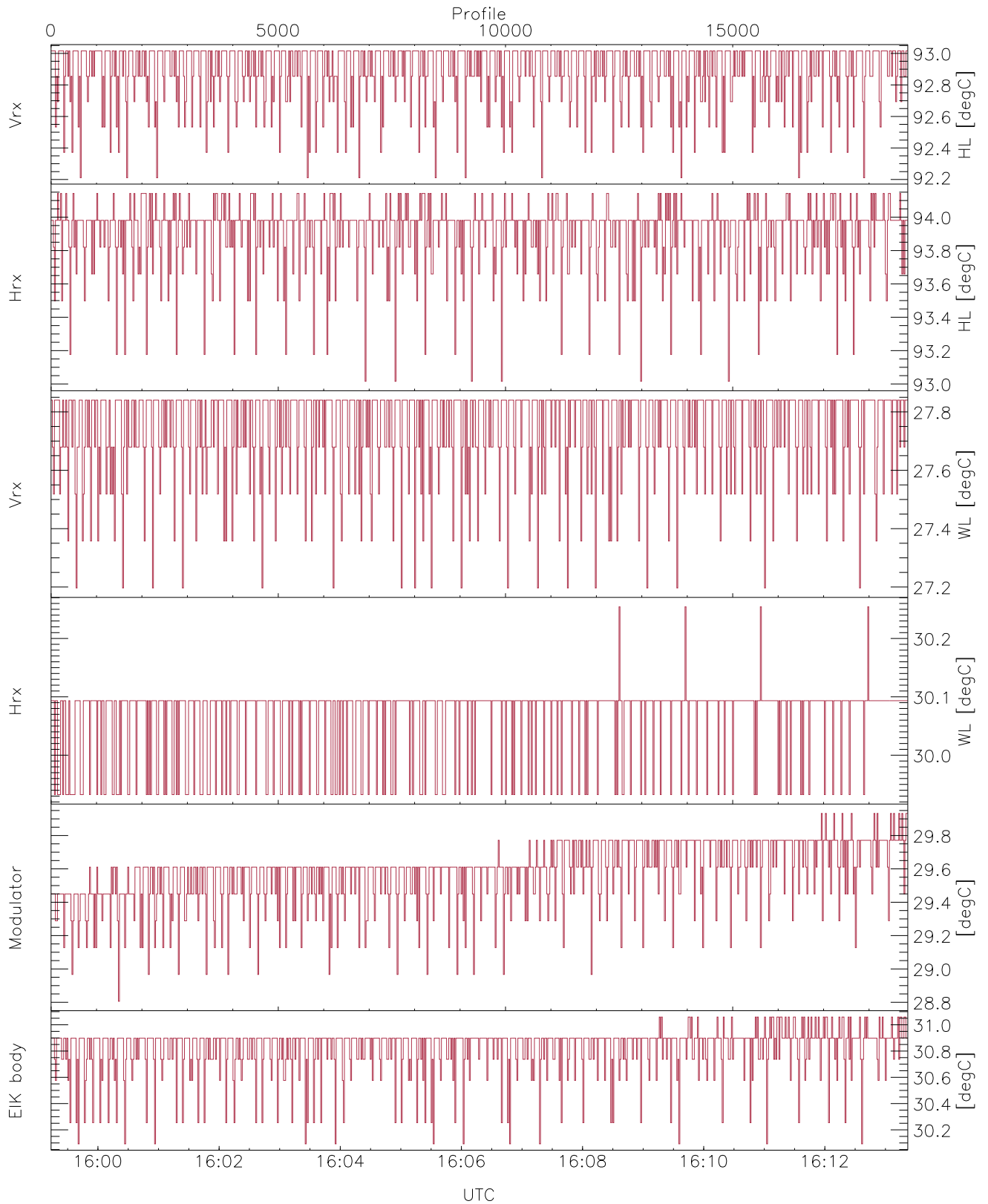


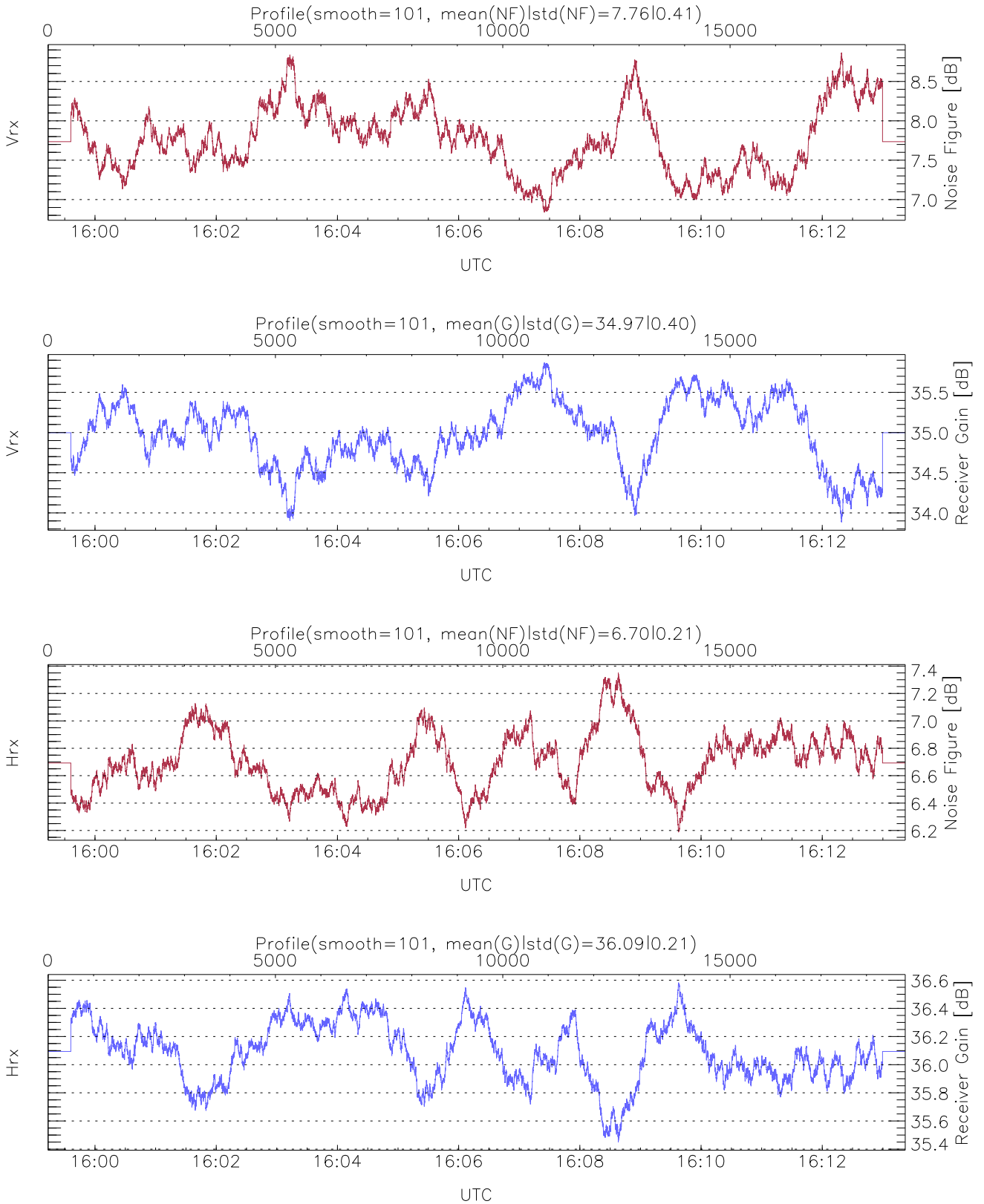
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:59:14-16:13:22, TimeCor: 0.00s, Dur: 848.60s
 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): 18854/18854, 0-18853/15:59:14-16:13:22
 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



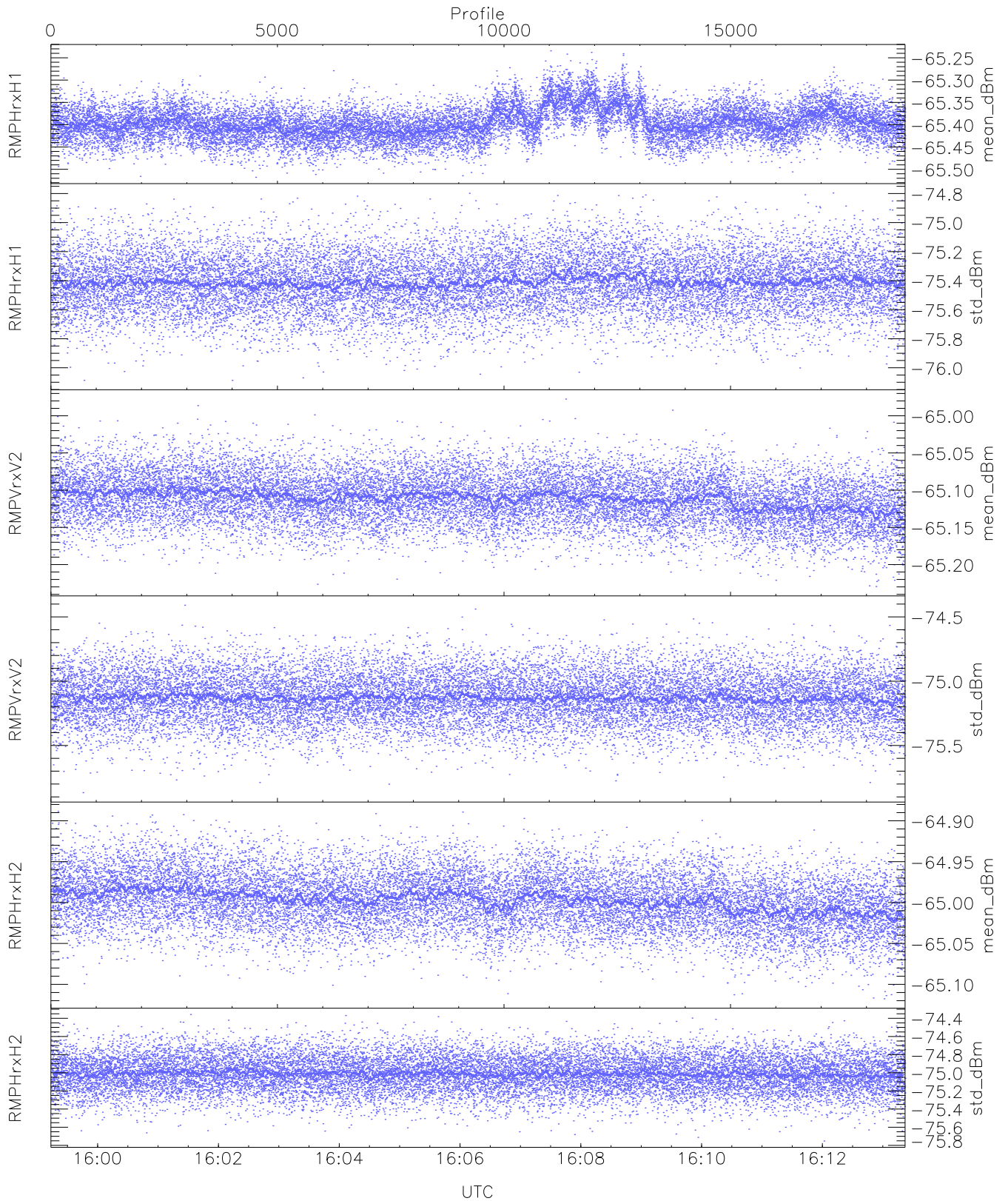
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,28,30`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,27,30,29,31`
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`
`EIK/Modulator Faults: None`



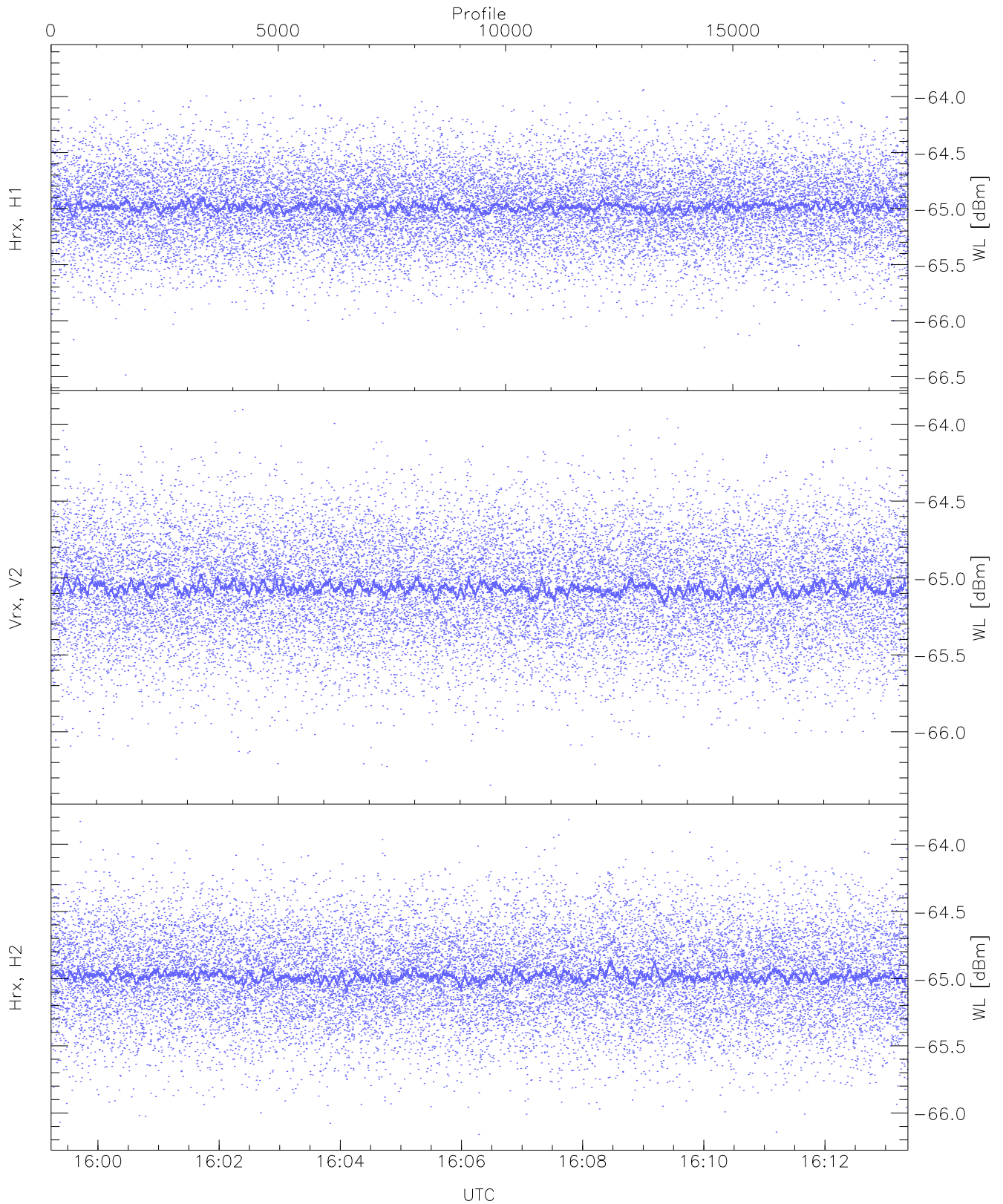
WCR3 CPP Receivers Gain and Noise Figure

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



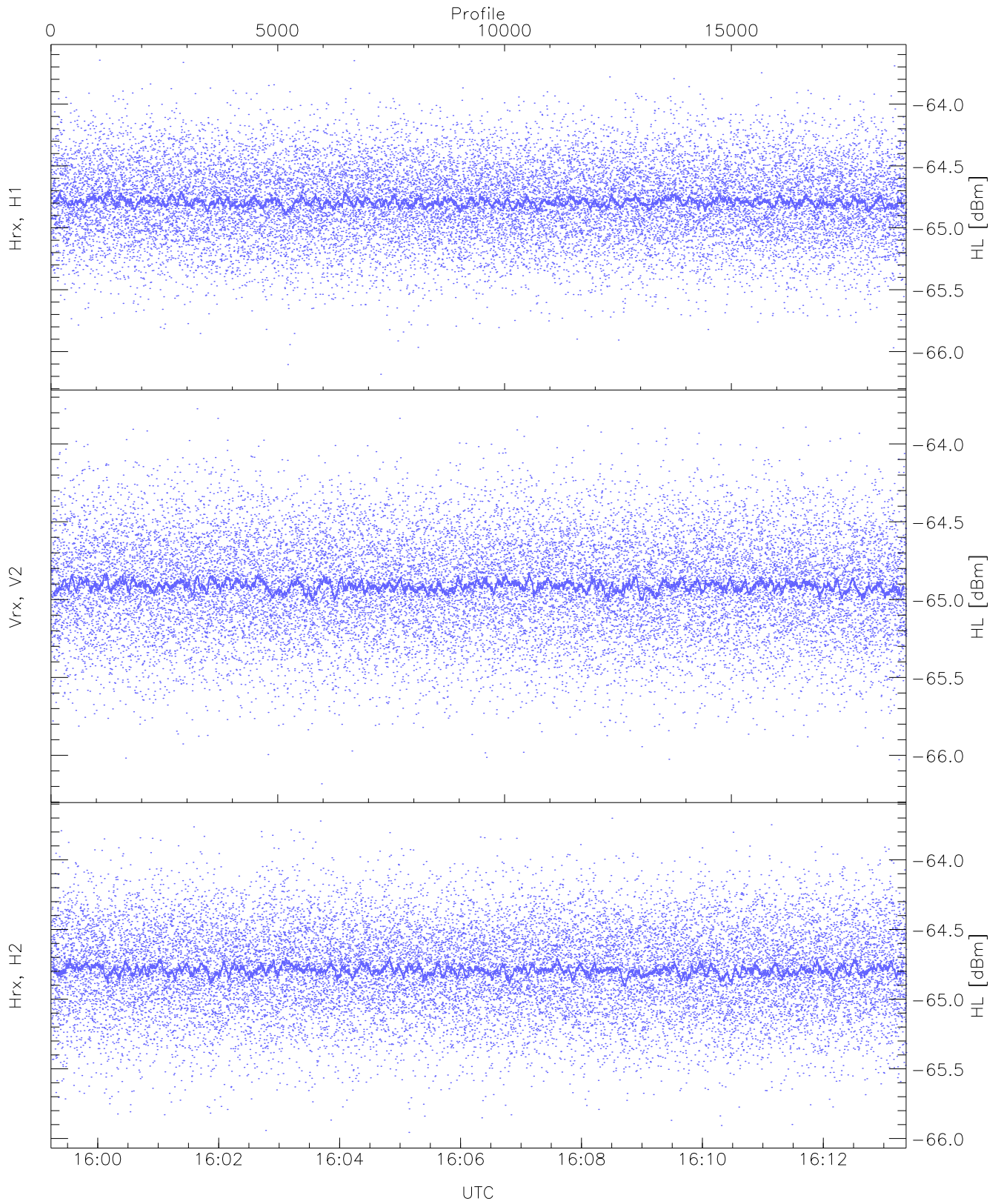
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.23	-65.40	-65.40	-86.11
RMPHrxH1(std_dBm)	-76.09	-74.80	-75.41	-75.41	-89.22
RMPVrxV2(mean_dBm)	-65.23	-64.98	-65.11	-65.11	-86.51
RMPVrxV2(std_dBm)	-75.87	-74.41	-75.13	-75.13	-88.92
RMPHrxH2(mean_dBm)	-65.12	-64.89	-65.00	-65.00	-86.38
RMPHrxH2(std_dBm)	-75.75	-74.36	-75.01	-75.01	-88.77



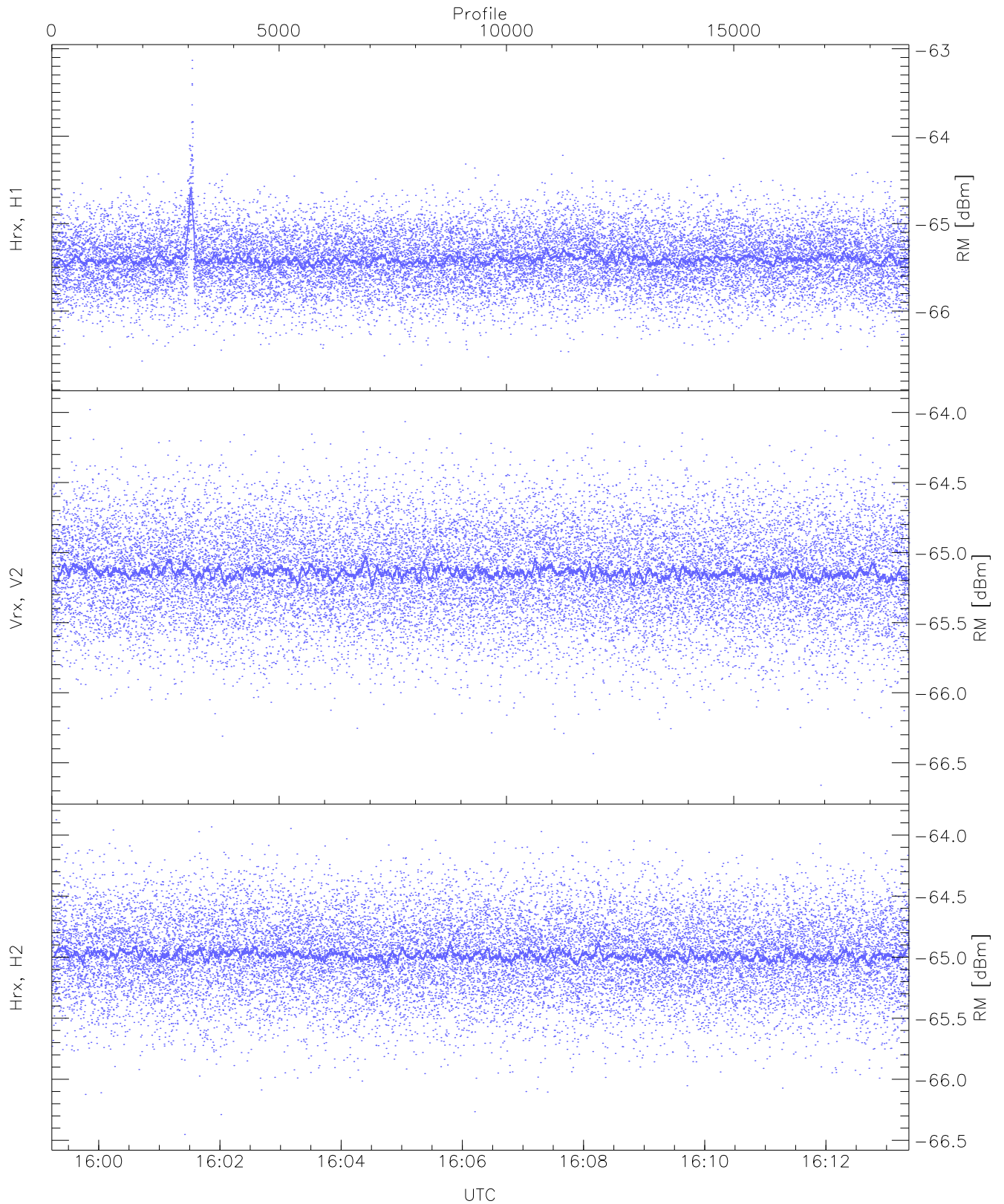
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.48	-63.68	-64.98	-64.98	-76.47
Vrx, V2 (WL [dBm])	-66.35	-63.90	-65.06	-65.07	-76.56
Hrx, H2 (WL [dBm])	-66.16	-63.82	-64.97	-64.98	-76.50



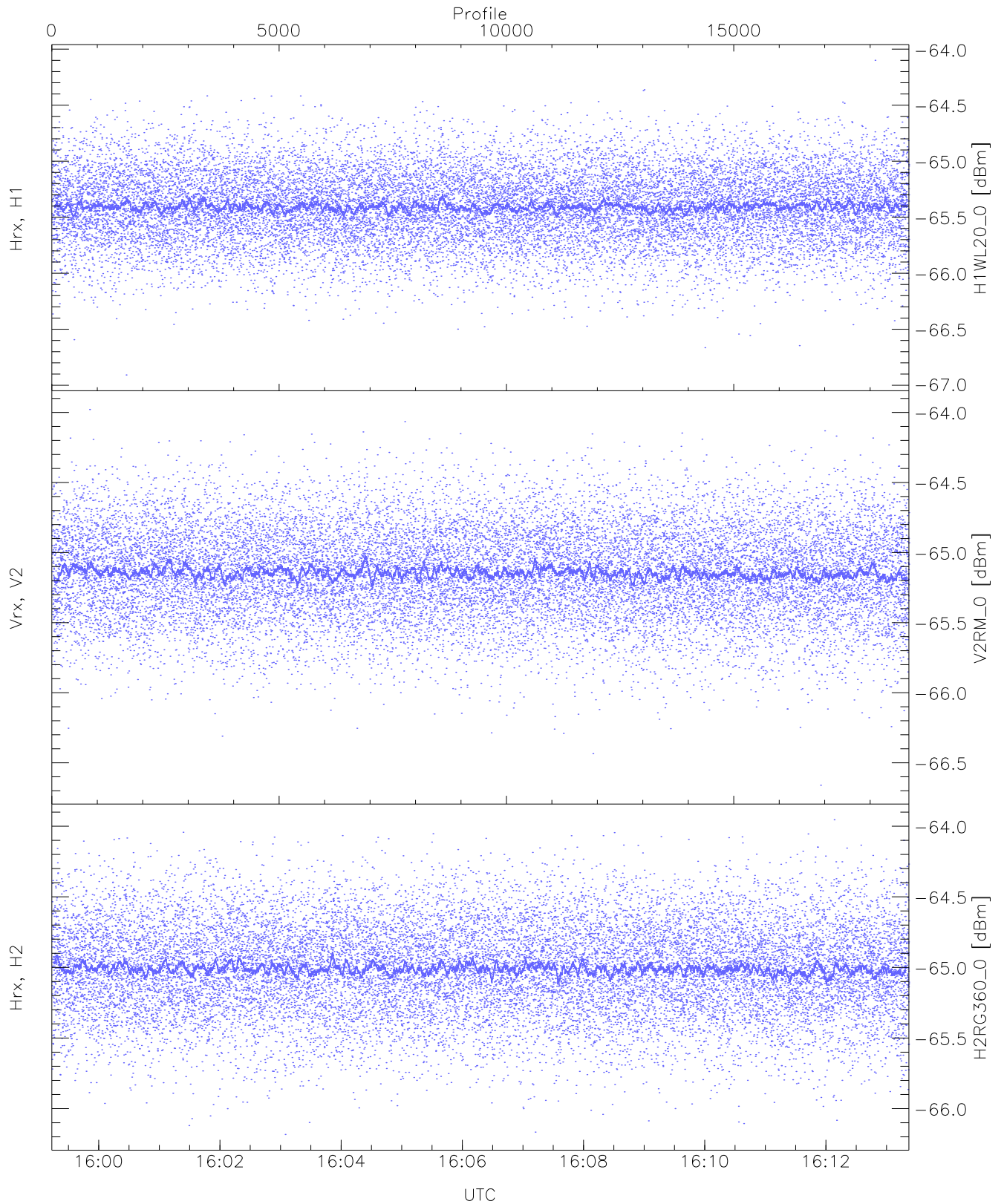
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.18	-63.65	-64.78	-64.79	-76.30
Vrx, V2 (HL [dBm])	-66.18	-63.77	-64.90	-64.91	-76.40
Hrx, H2 (HL [dBm])	-65.96	-63.70	-64.78	-64.79	-76.29



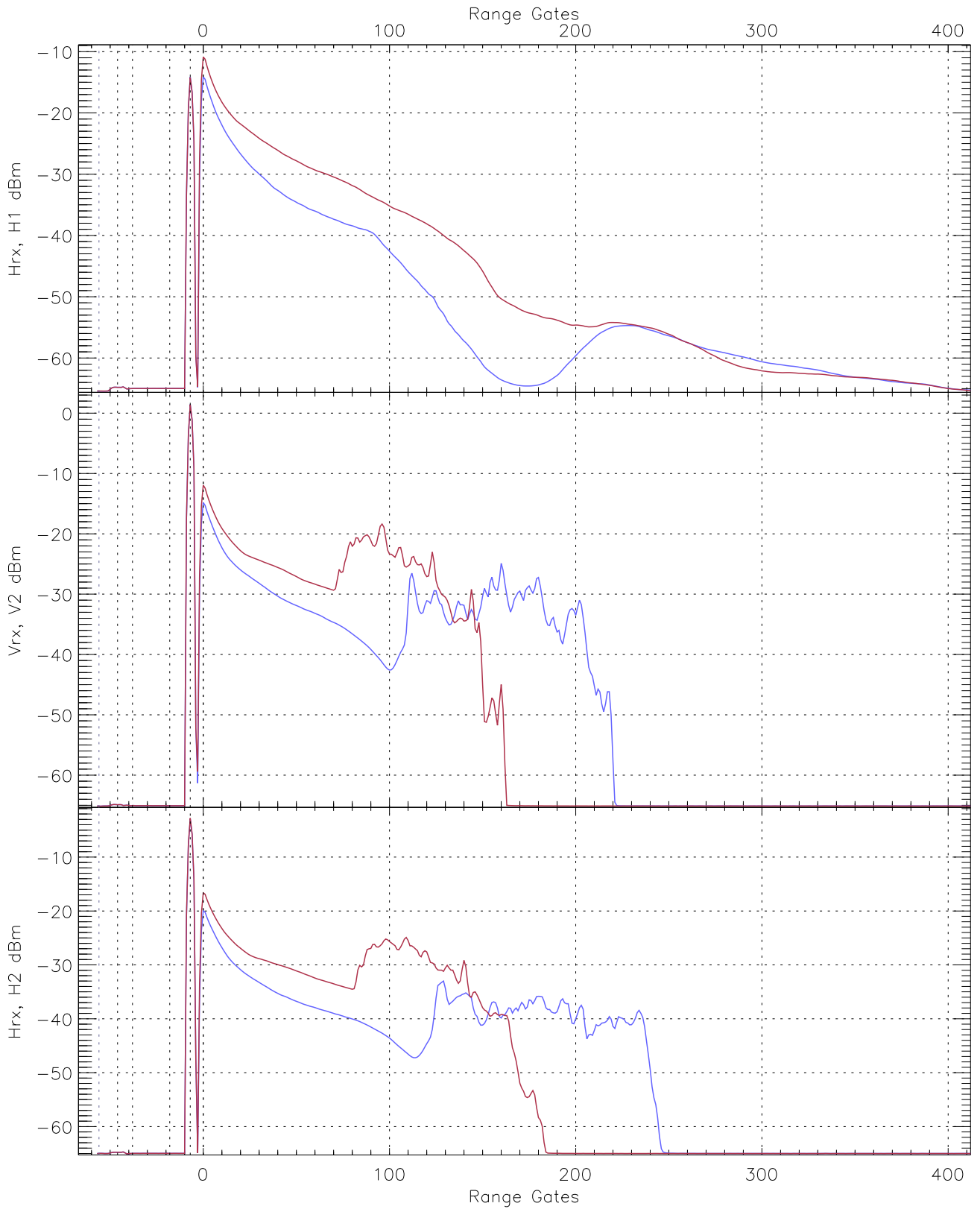
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.73	-63.13	-65.40	-65.41	-76.78
Vrx, V2 (RM [dBm])	-66.66	-63.98	-65.14	-65.14	-76.62
Hrx, H2 (RM [dBm])	-66.45	-63.87	-64.98	-64.98	-76.51

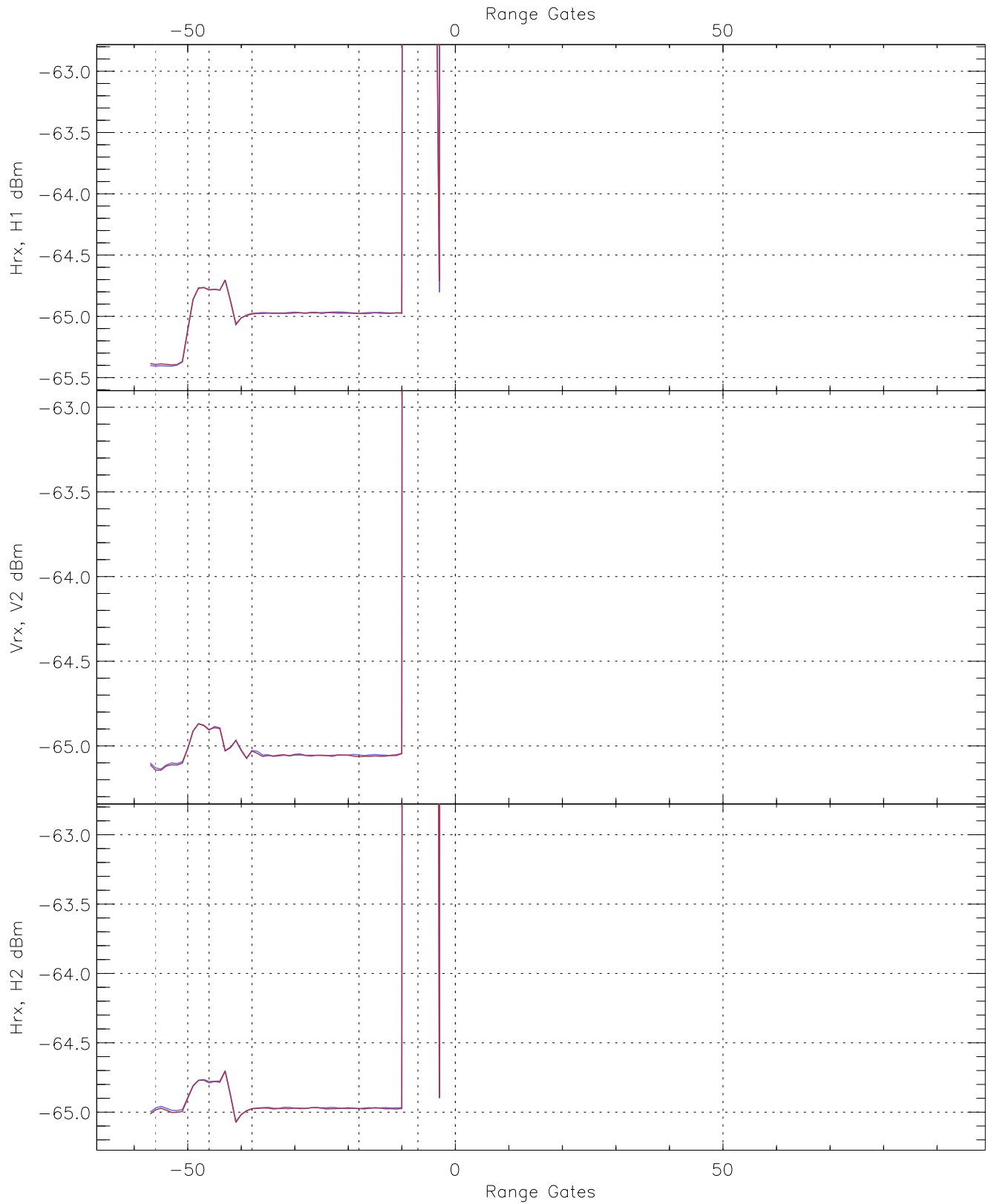


WCR3 CPP "Best" estimate Receivers Noise Power

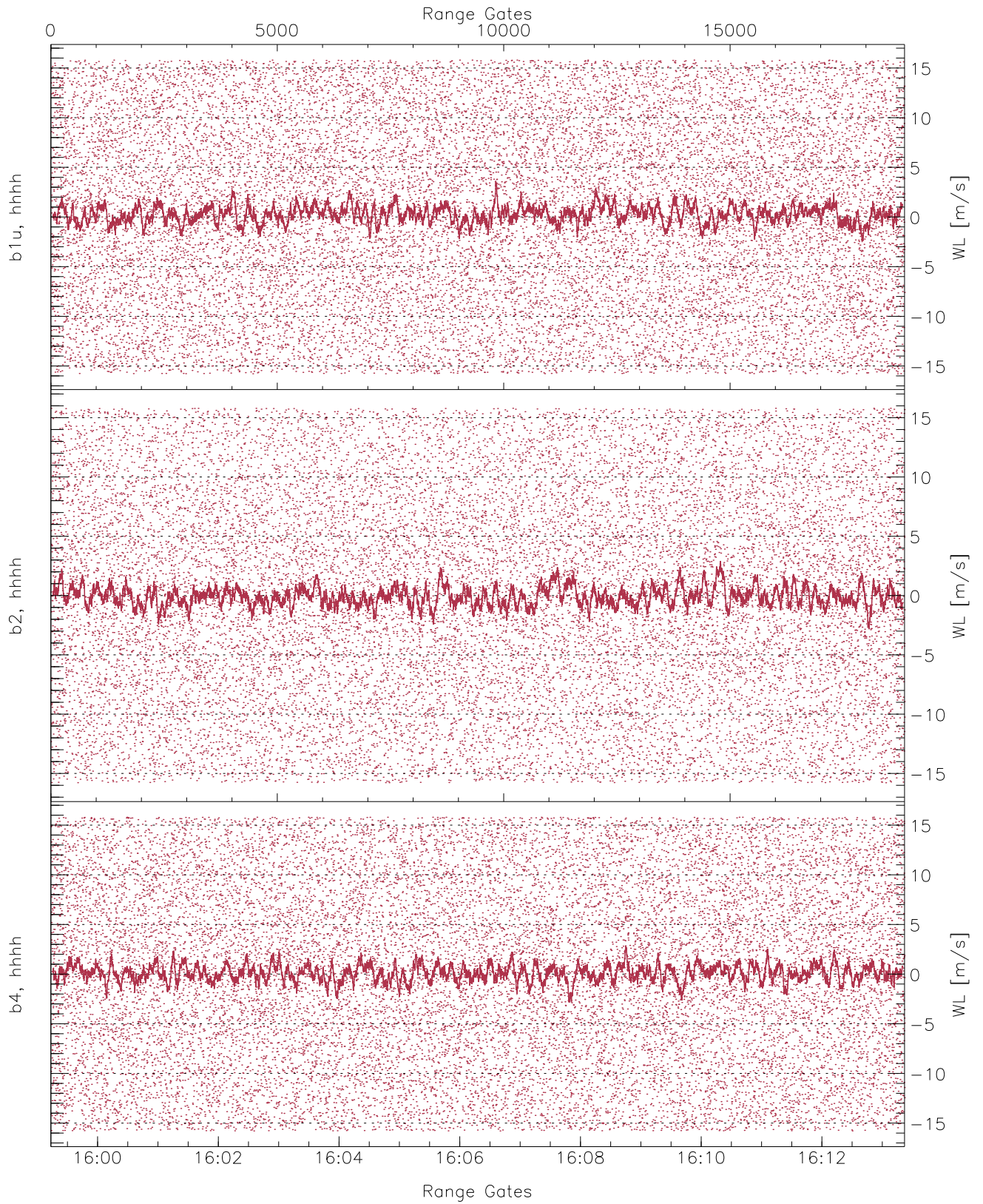
	Min	Max	Mean	Median	StDev
H1WL20_0 [dBm]	-66.91	-64.10	-65.40	-65.41	-76.90
V2RM_0 [dBm]	-66.66	-63.98	-65.14	-65.14	-76.62
H2RG360_0 [dBm]	-66.18	-63.95	-65.00	-65.01	-76.48



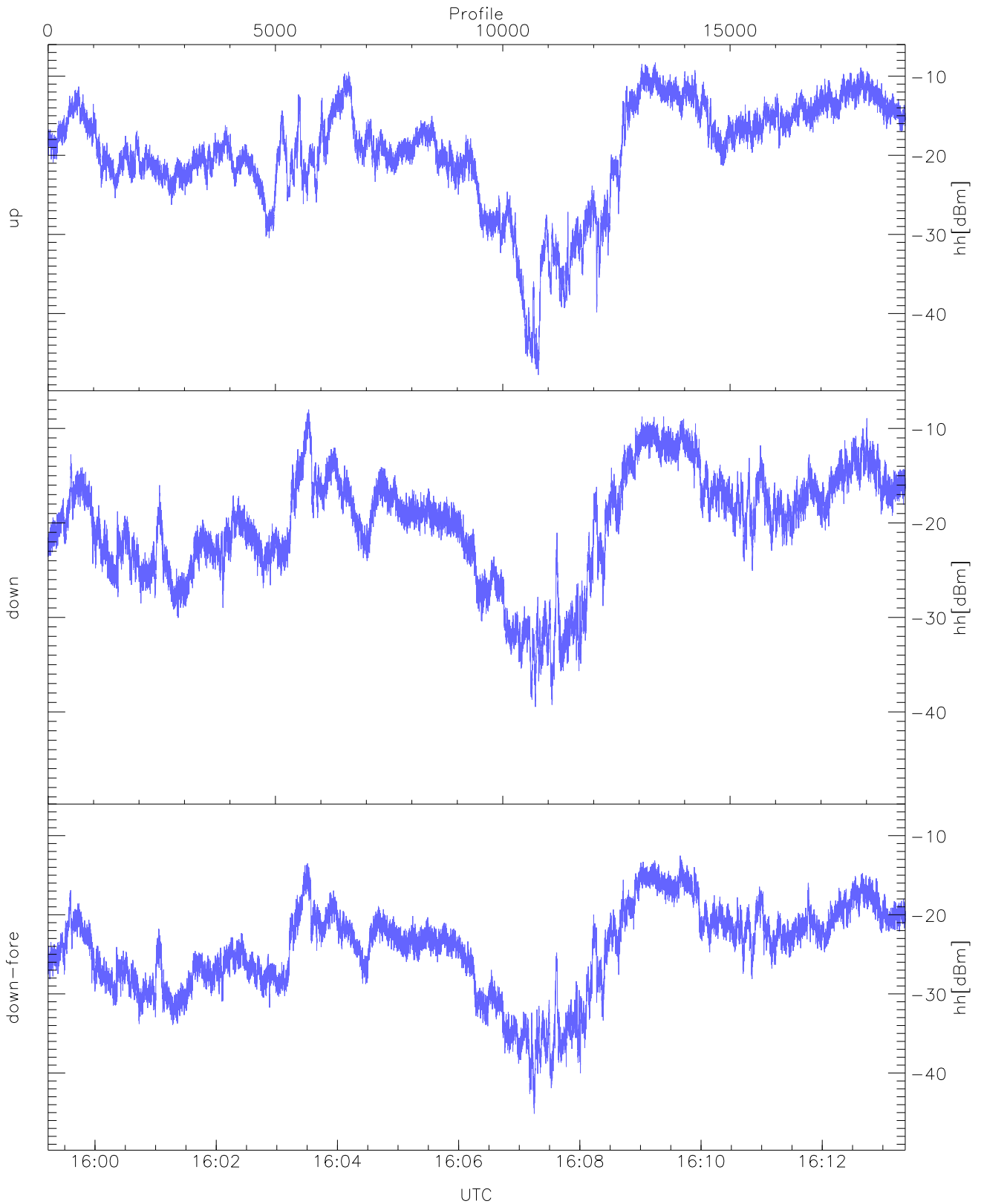
WCR3 CPP Averaged Received power for all recorded gates
blue: 155914-160618, 9428 profiles averaged
red: 160618-161322, 9427 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 155914-160618, 9428 profiles averaged
red: 160618-161322, 9427 profiles averaged

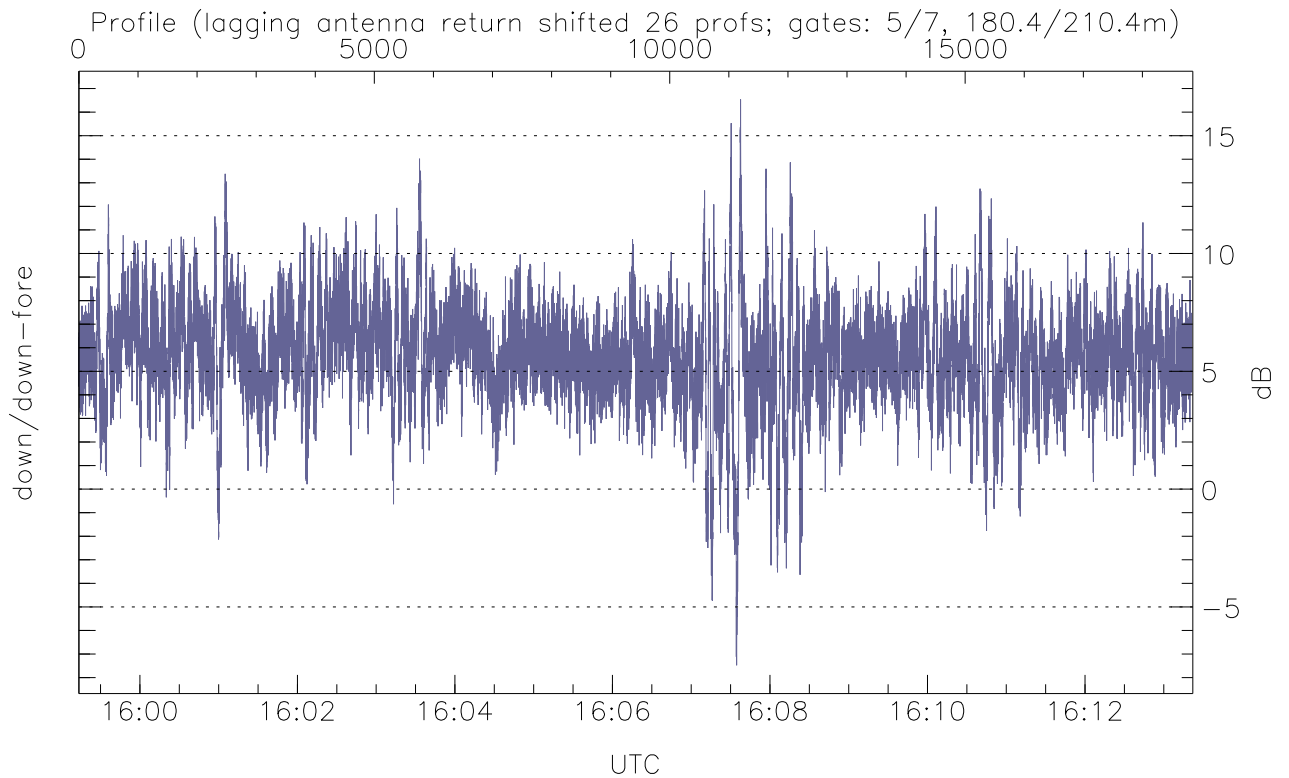
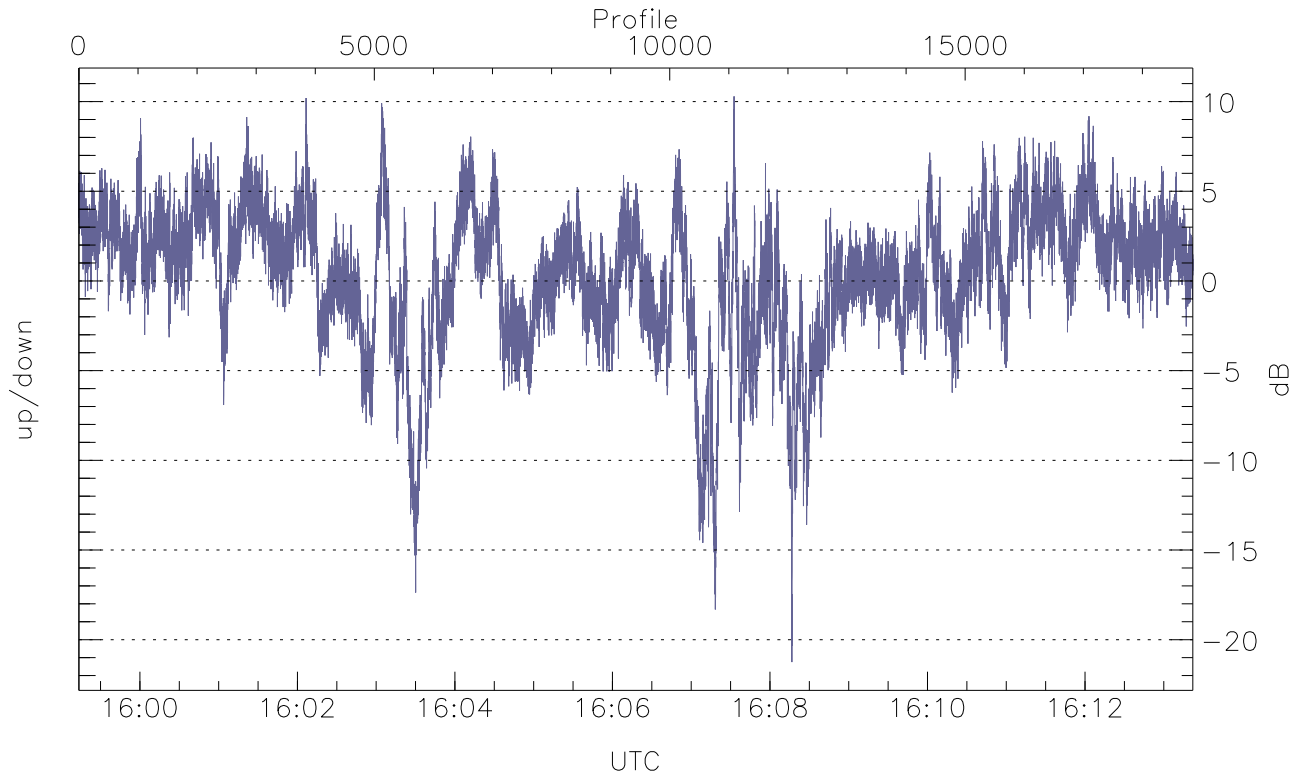


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



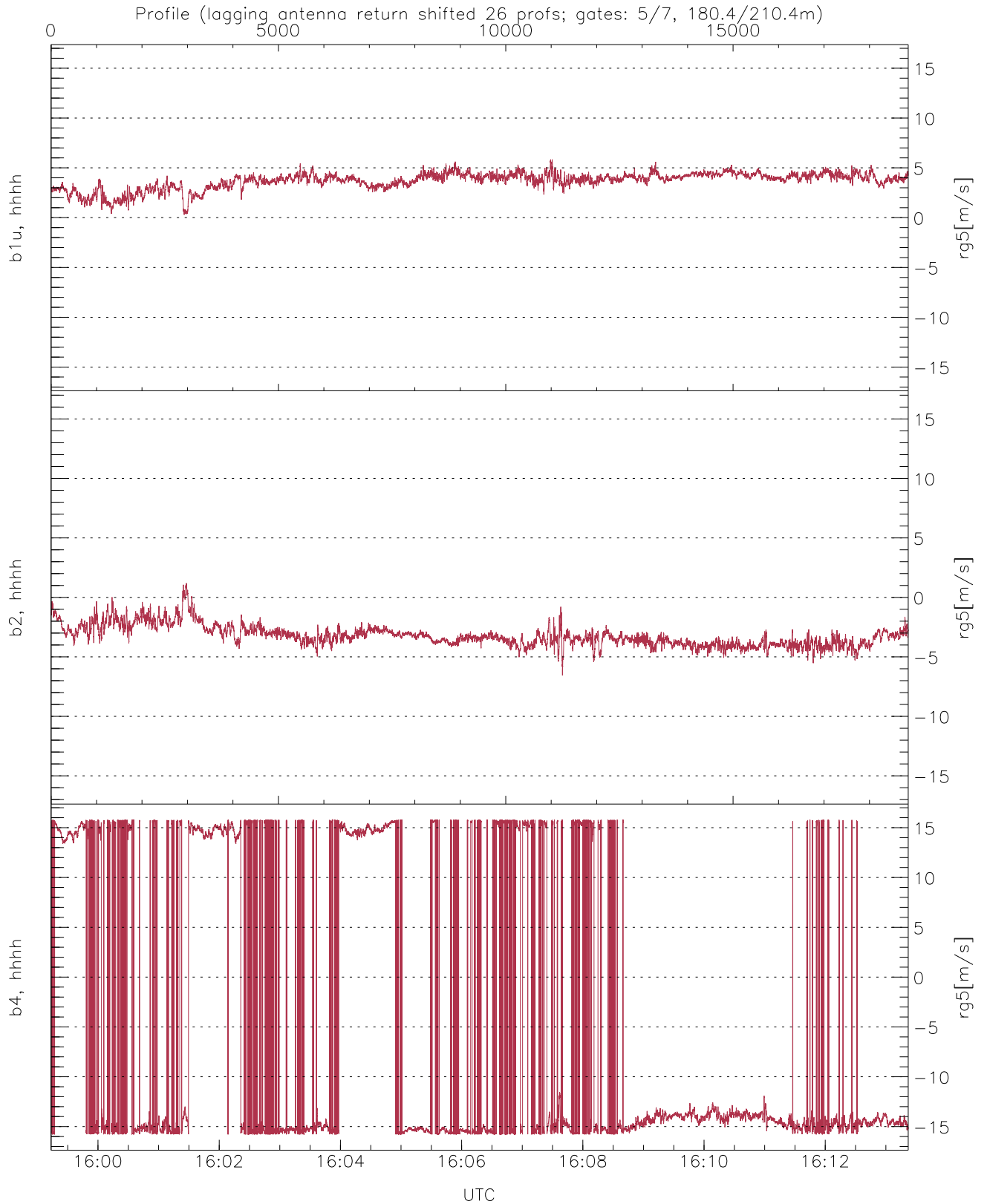
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-47.77	-8.27	-16.44
down(hh[dBm])	-39.47	-8.00	-17.18
down-fore(hh[dBm])	-45.14	-12.53	-21.59



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

	Min	Max	Mean
up/down (dB)	-21.25	10.29	0.31
down/down-fore (dB)	-7.48	16.53	5.65



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.30	5.84	3.68	0.83
b2, hhhh(rg5[m/s])	-6.56	1.20	-3.24	0.87
b4, hhhh(rg5[m/s])	-15.79	15.79	-5.22	14.01