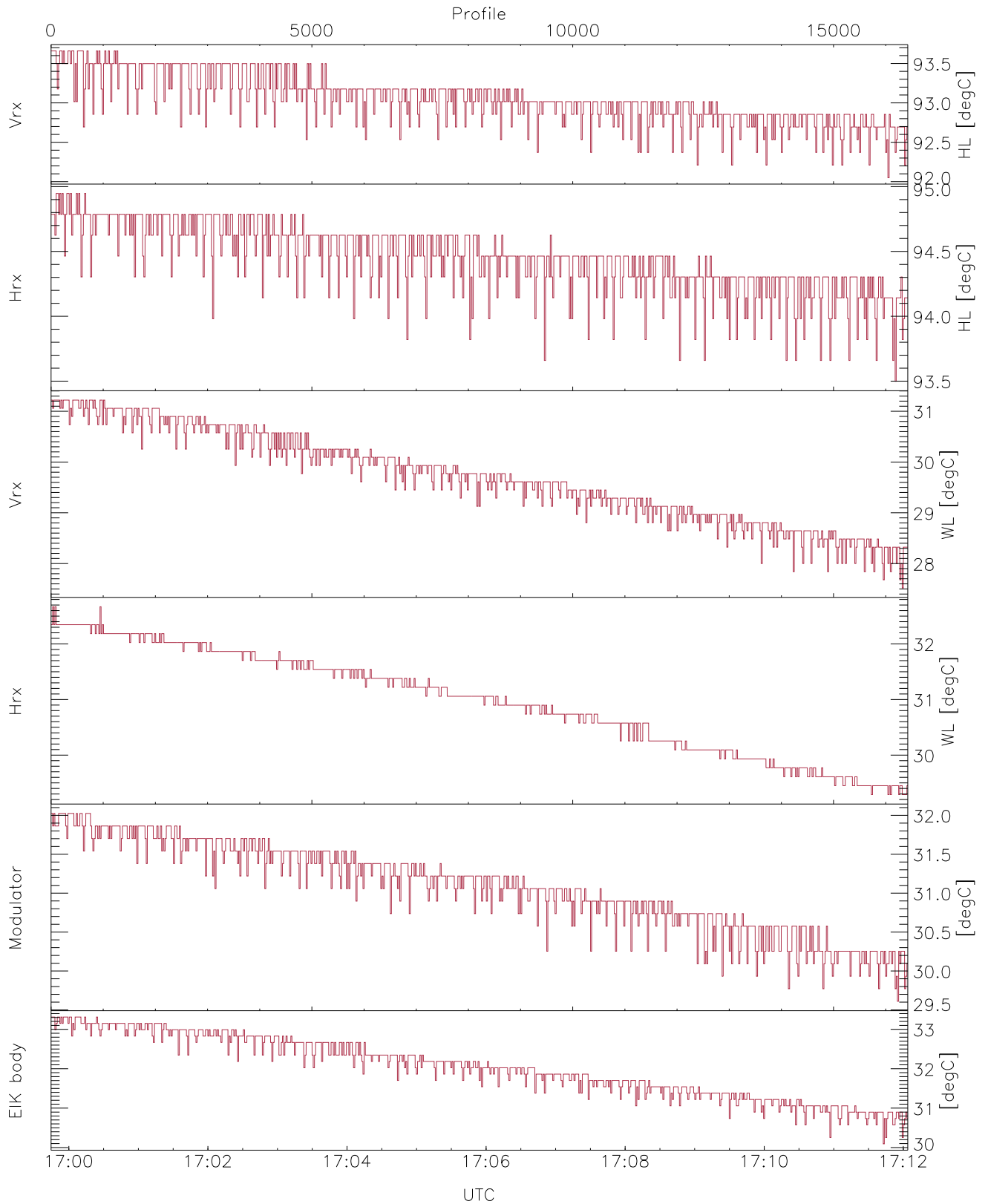


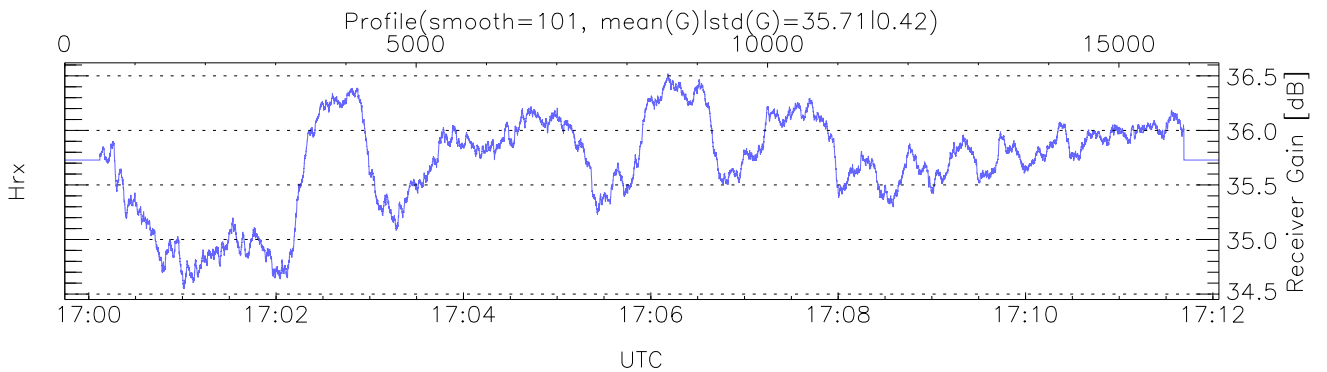
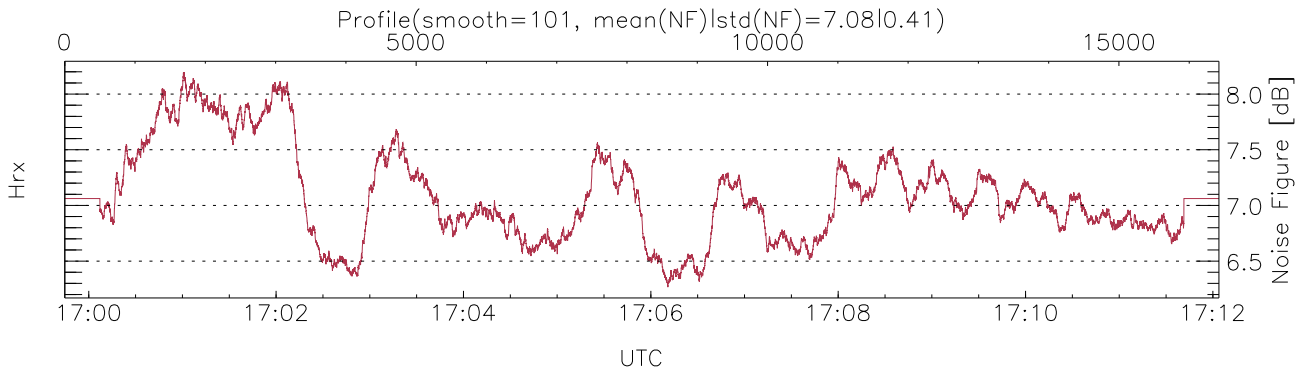
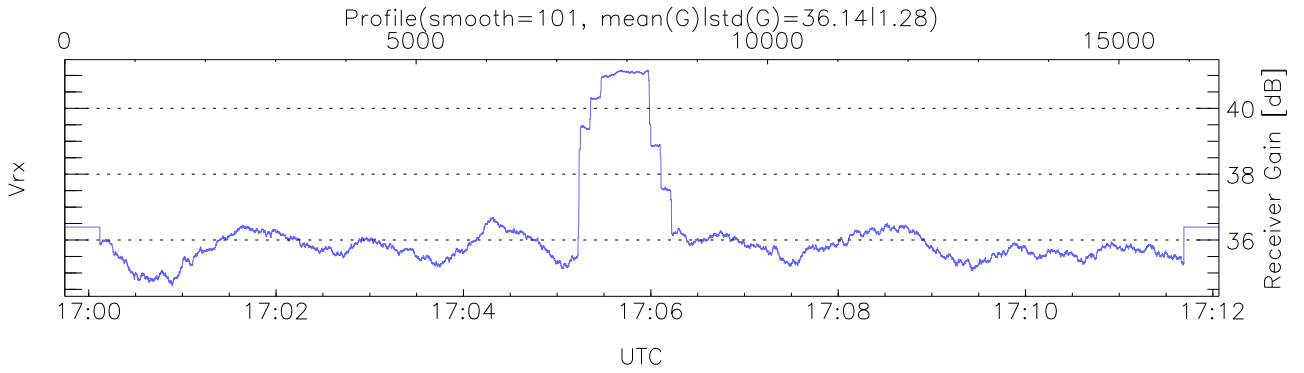
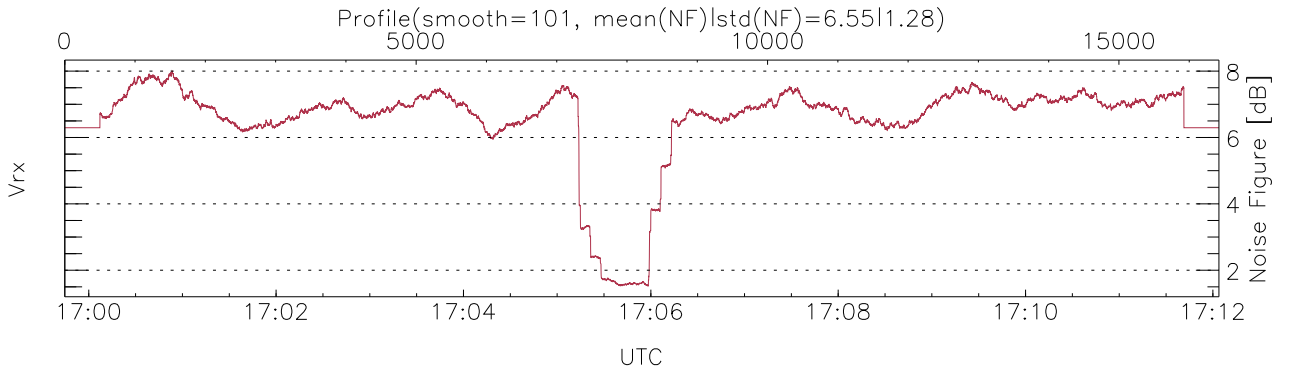
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:59:45-17:12:04, TimeCor: 0.00s, Dur: 739.22s
 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): 16424/16424, 0-16423/16:59:45-17:12:04
 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



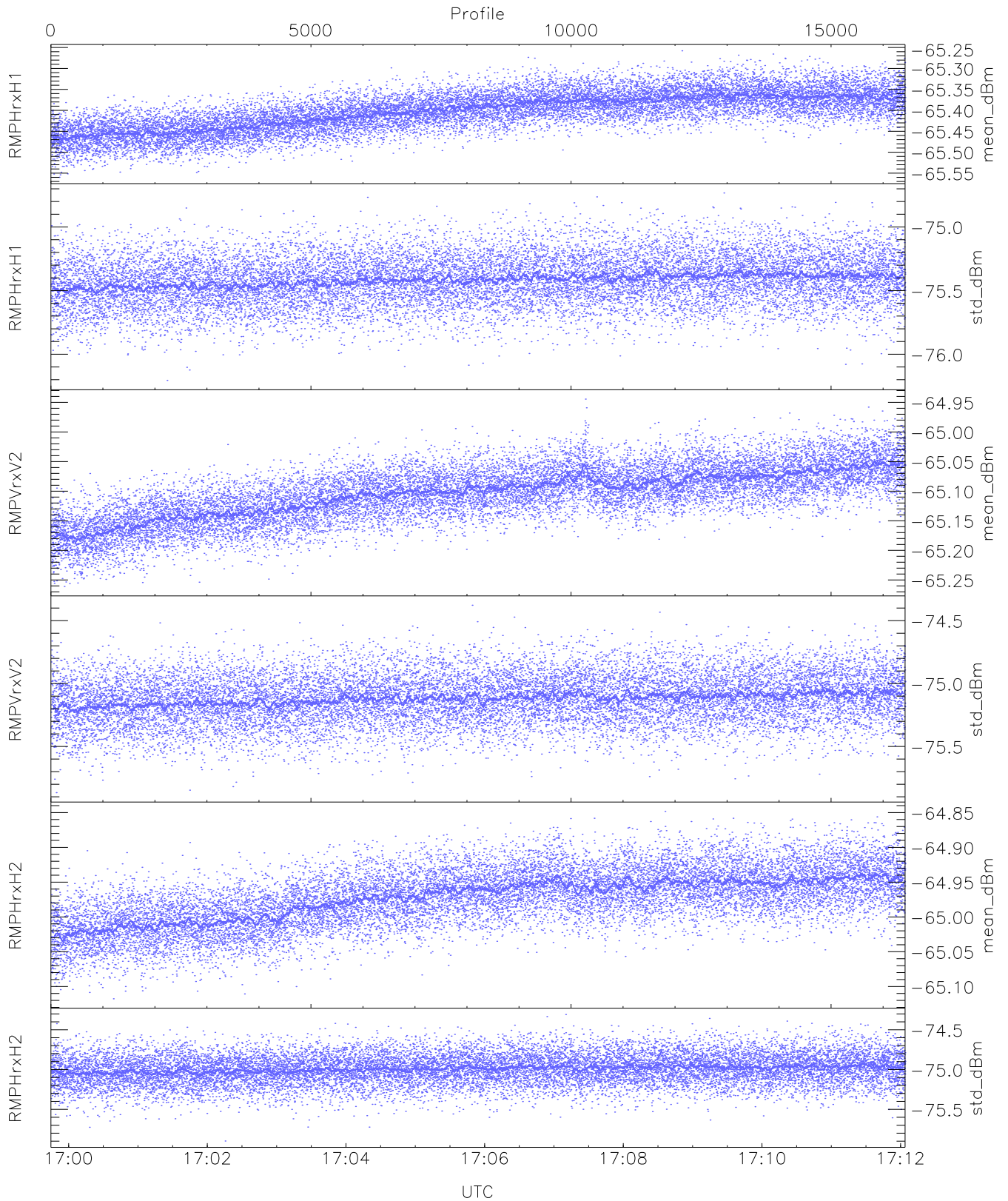
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,31,32,32,33
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



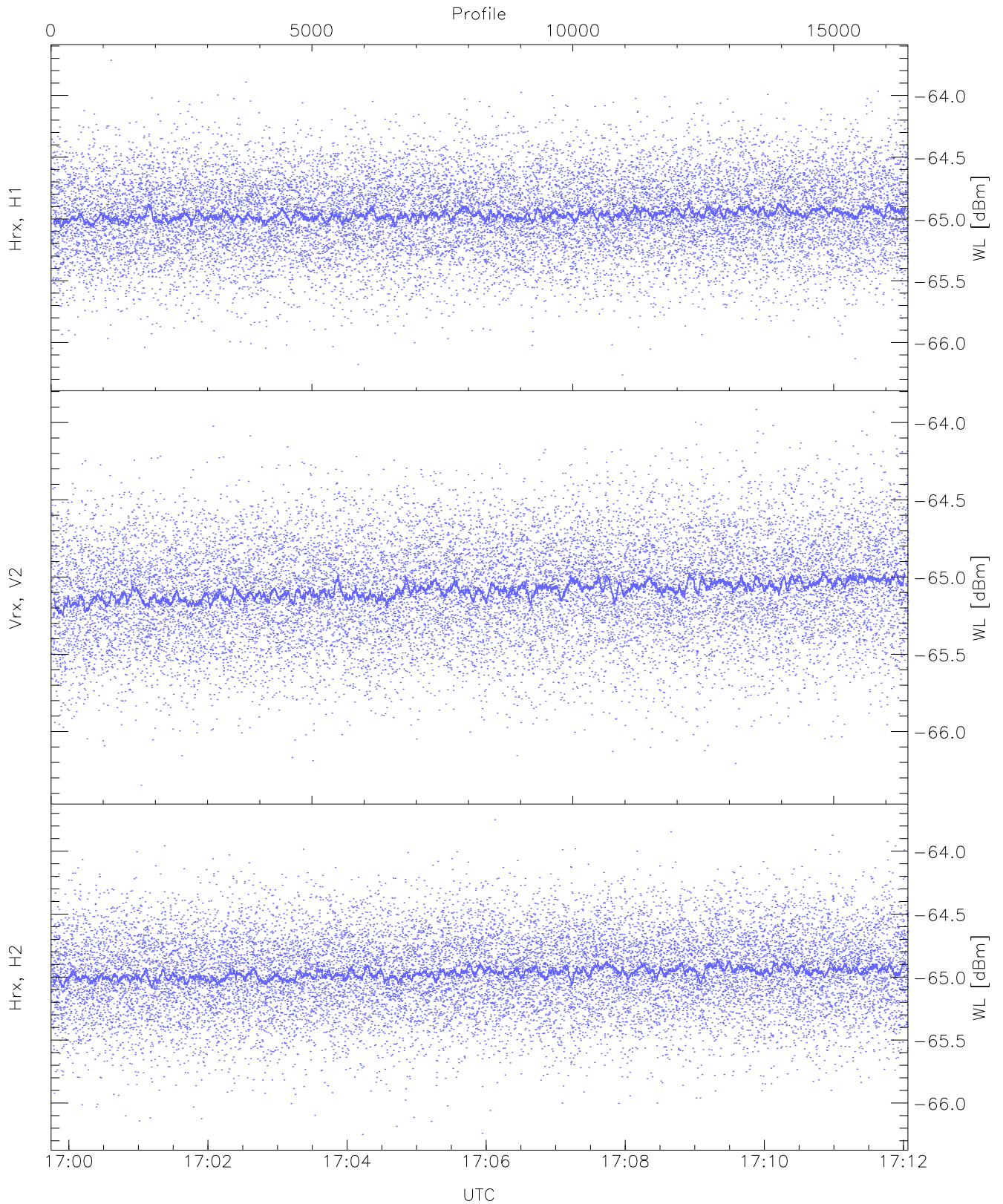
WCR3 CPP Receivers Gain and Noise Figure

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



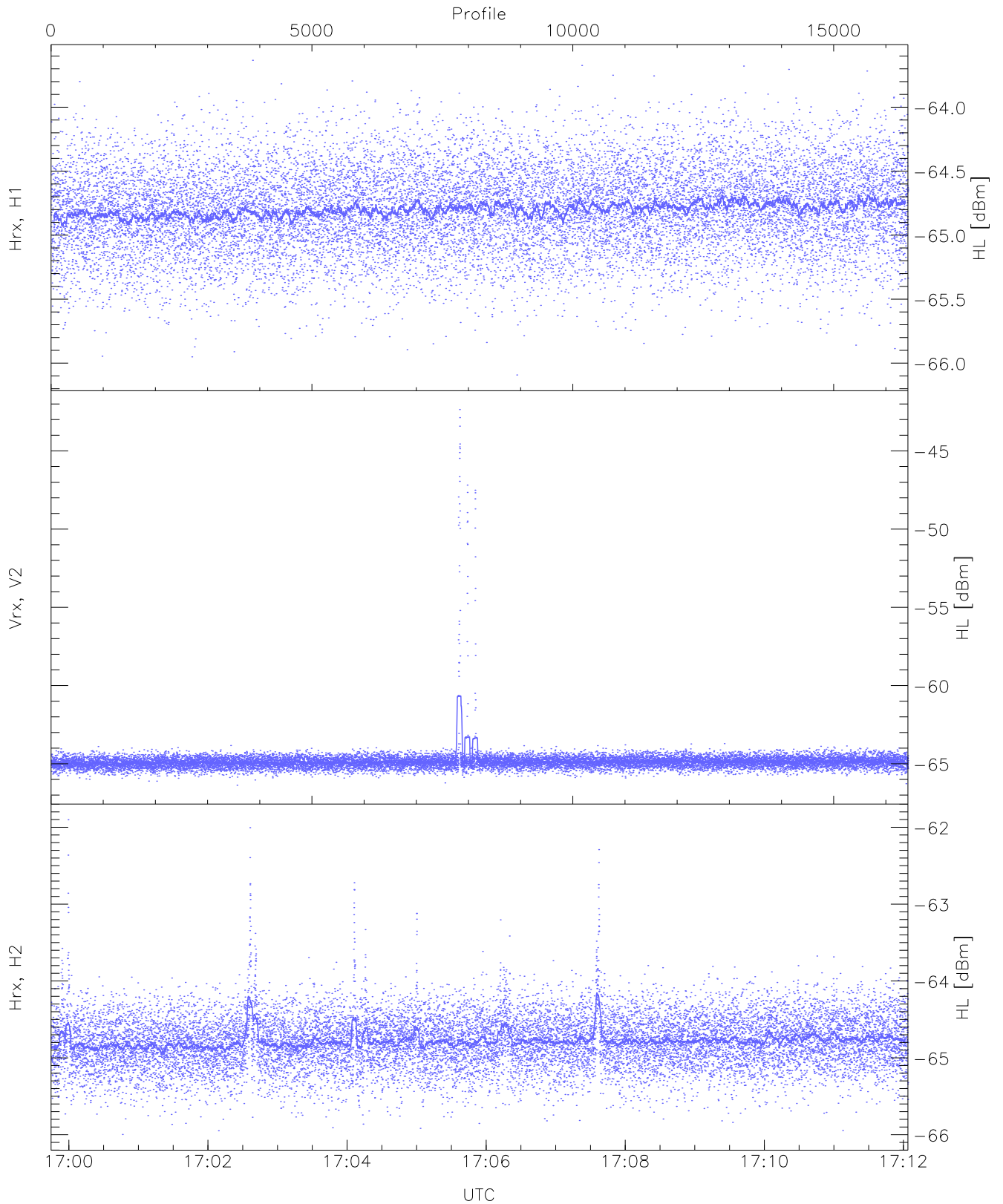
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.56	-65.26	-65.40	-65.40	-85.16
RMPHrxH1(std_dBm)	-76.21	-74.73	-75.42	-75.42	-89.12
RMPVrxV2(mean_dBm)	-65.26	-64.94	-65.10	-65.10	-84.87
RMPVrxV2(std_dBm)	-75.87	-74.38	-75.12	-75.12	-88.81
RMPHrxH2(mean_dBm)	-65.12	-64.85	-64.97	-64.97	-85.31
RMPHrxH2(std_dBm)	-75.90	-74.31	-74.99	-74.99	-88.76



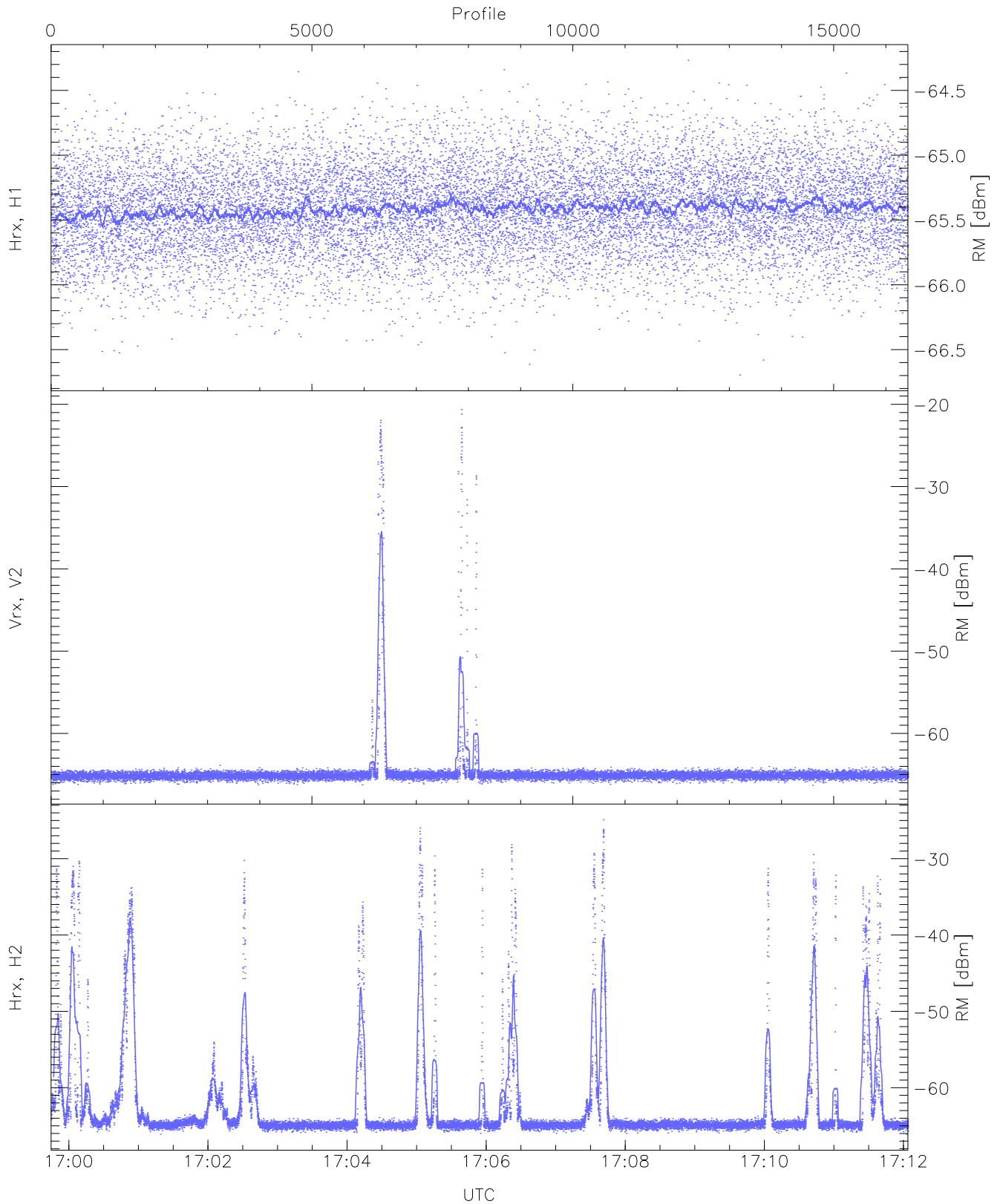
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.26	-63.72	-64.96	-64.97	-76.46
Vrx, V2 (WL [dBm])	-66.35	-63.92	-65.08	-65.08	-76.54
Hrx, H2 (WL [dBm])	-66.25	-63.75	-64.96	-64.96	-76.45



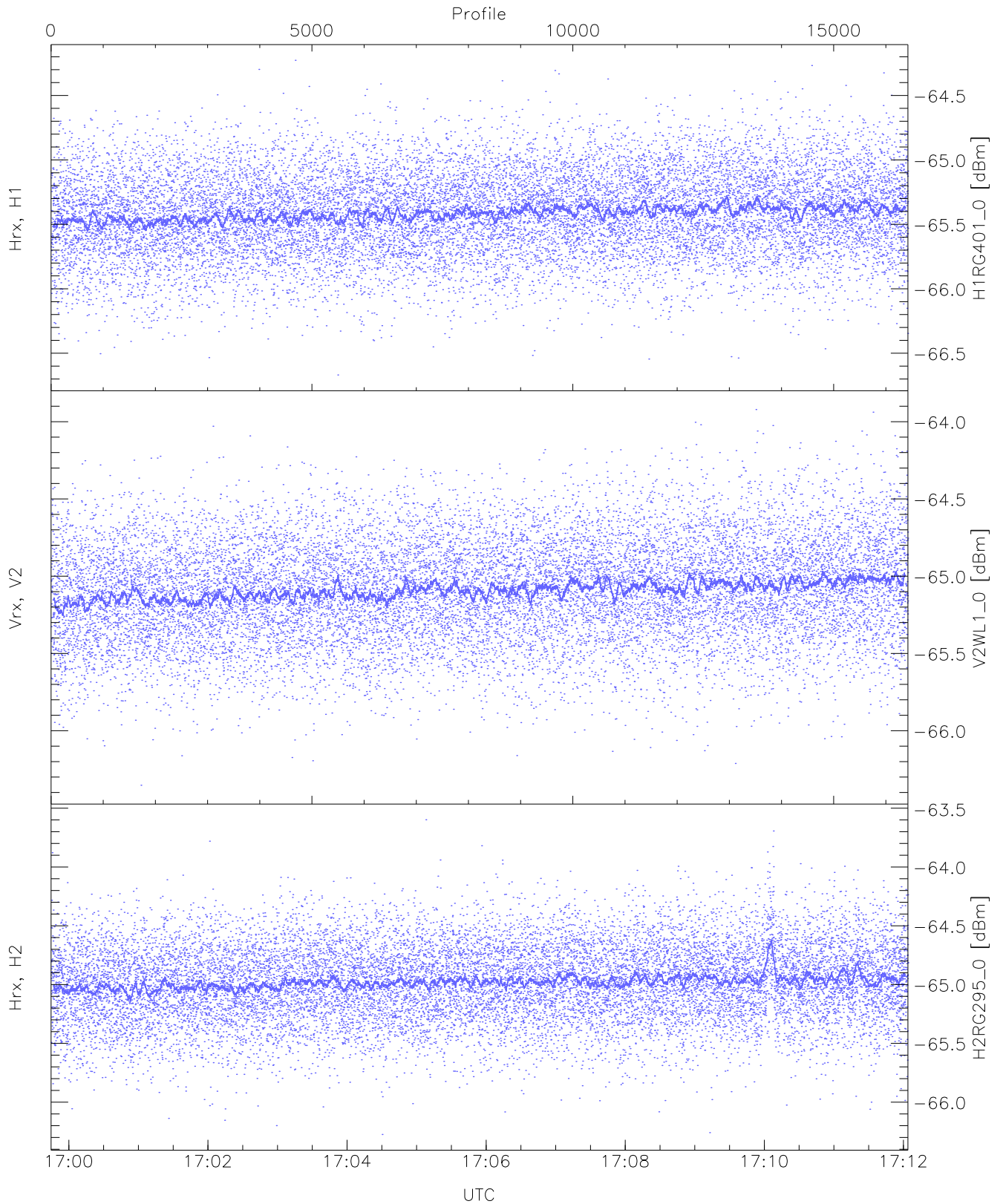
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.09	-63.63	-64.79	-64.80	-76.27
Vrx, V2 (HL [dBm])	-66.37	-42.36	-64.39	-64.91	-59.87
Hrx, H2 (HL [dBm])	-66.00	-61.90	-64.77	-64.79	-75.75



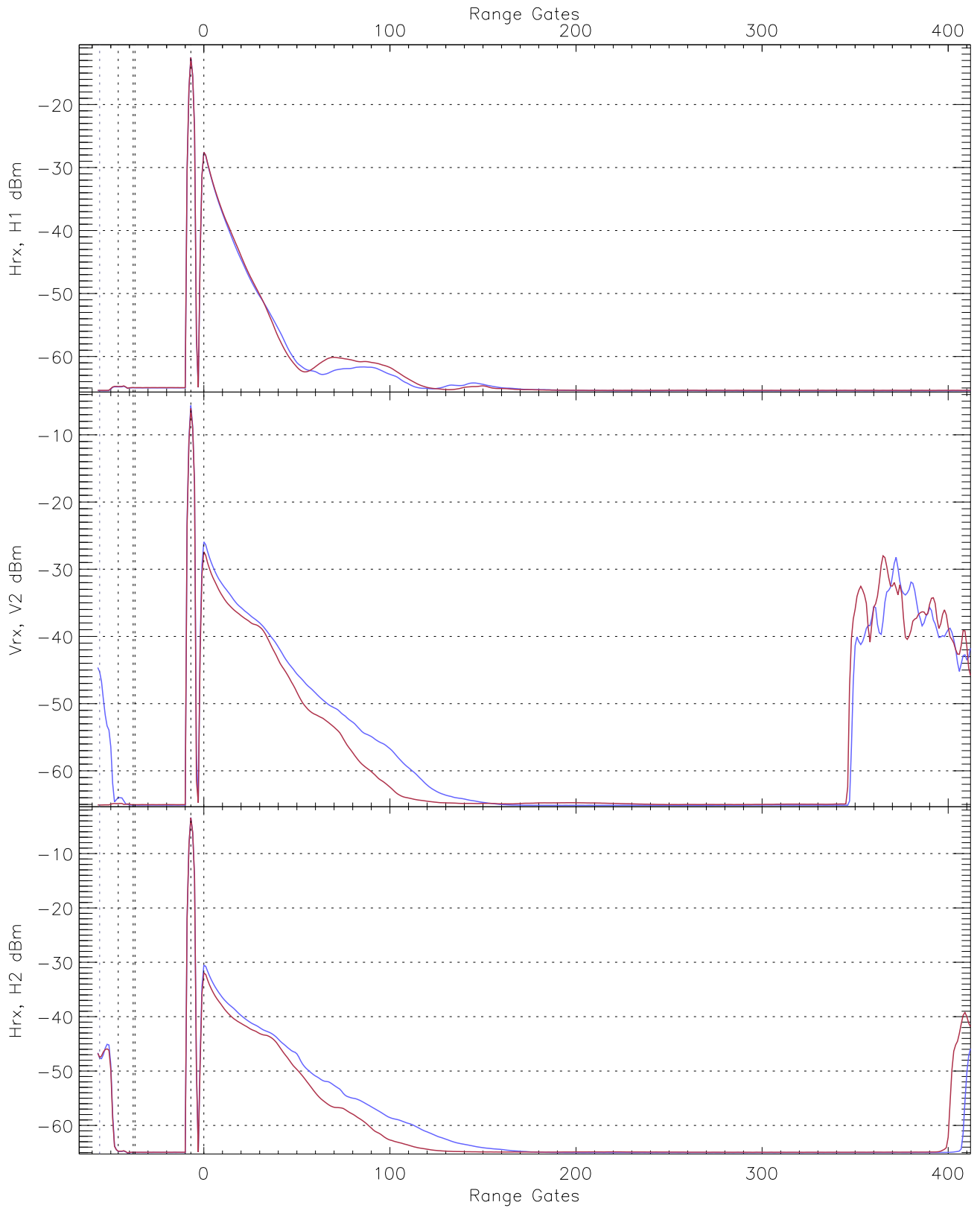
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.70	-64.27	-65.41	-65.41	-76.86
Vrx, V2 (RM [dBm])	-66.30	-20.63	-48.24	-65.10	-36.40
Hrx, H2 (RM [dBm])	-66.13	-24.91	-47.55	-64.72	-39.49

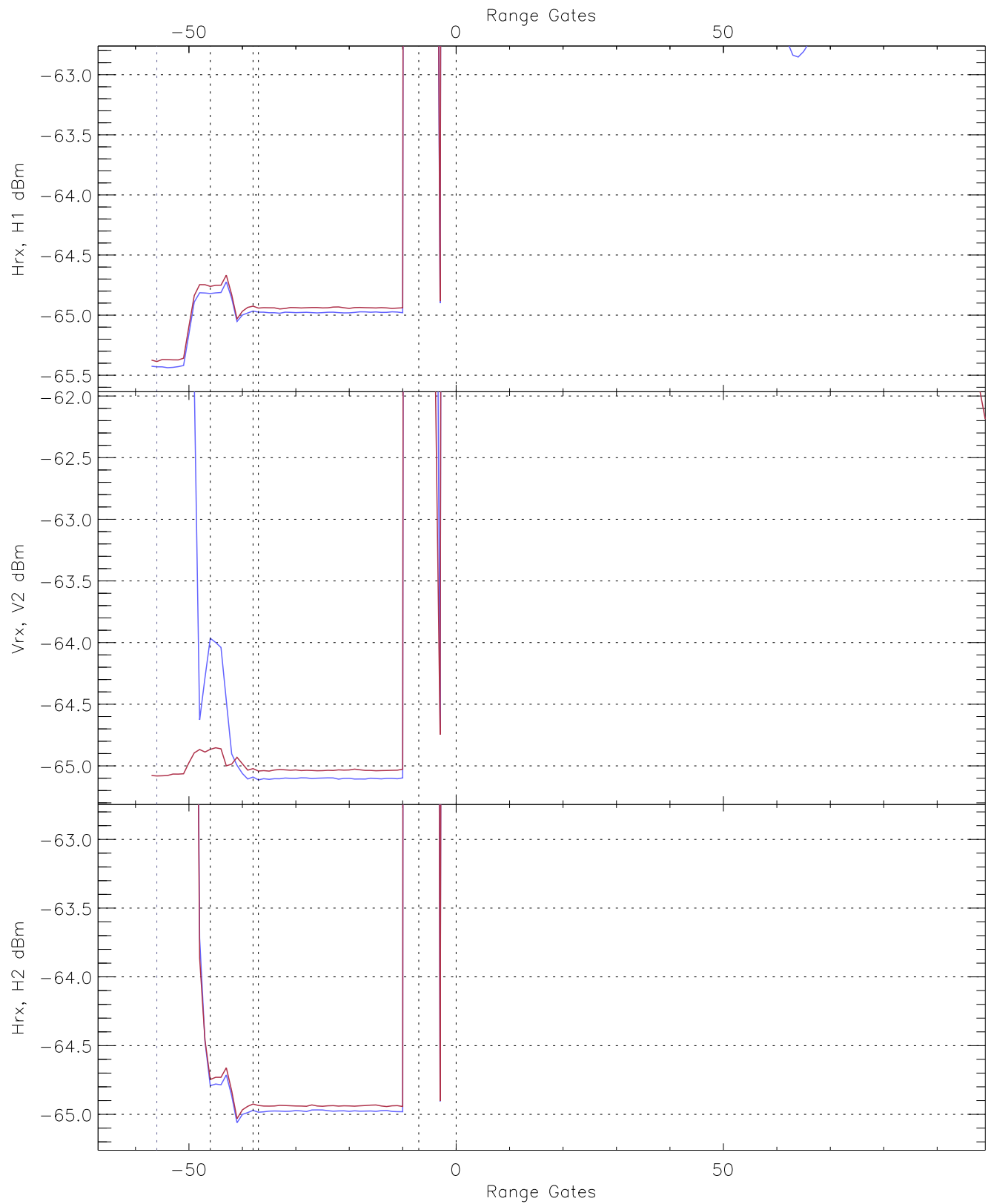


WCR3 CPP "Best" estimate Receivers Noise Power

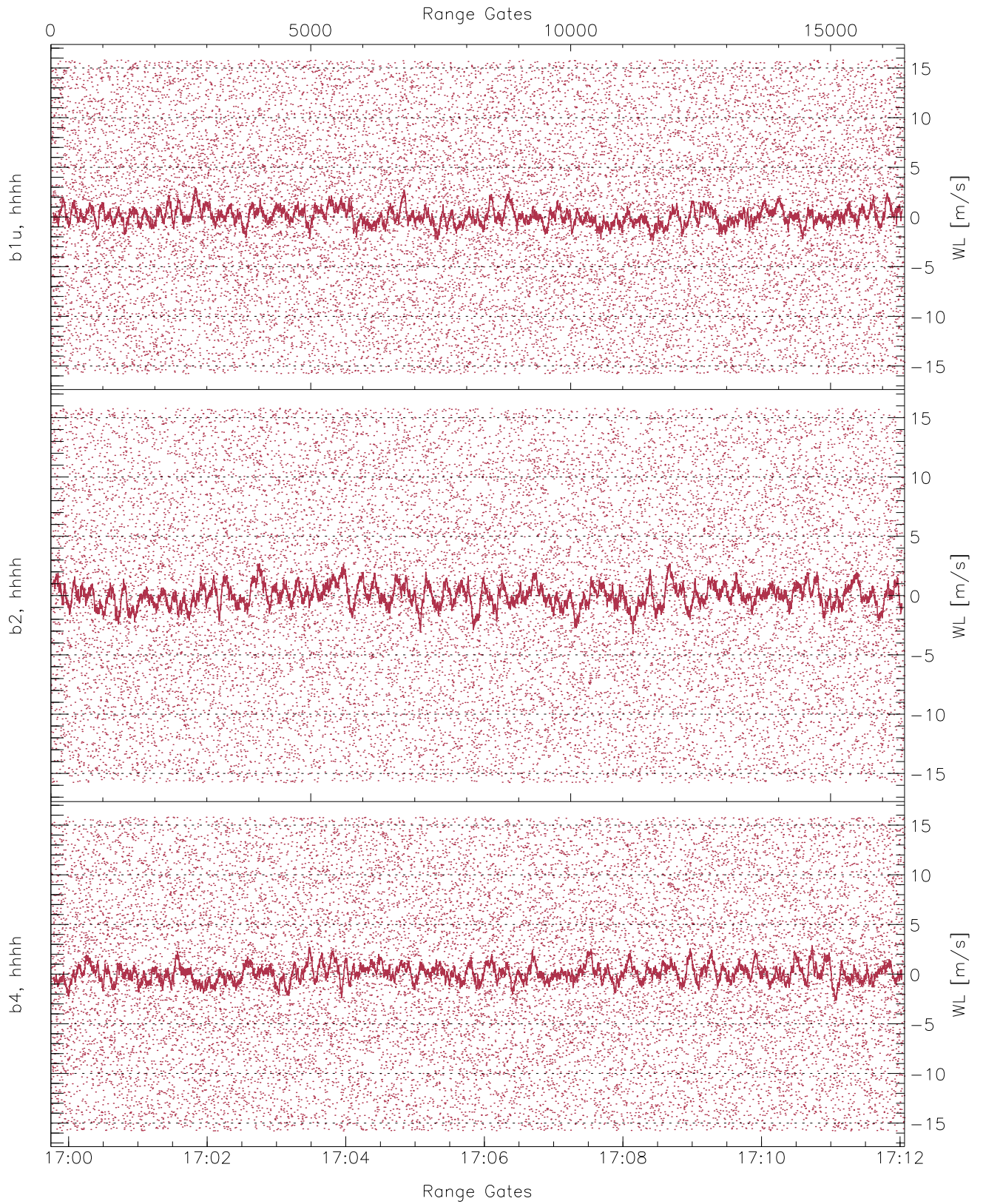
	Min	Max	Mean	Median	StDev
H1RG401_0 [dBm]	-66.67	-64.23	-65.41	-65.42	-76.88
V2WL1_0 [dBm]	-66.35	-63.92	-65.08	-65.09	-76.55
H2RG295_0 [dBm]	-66.27	-63.60	-64.97	-64.98	-76.42



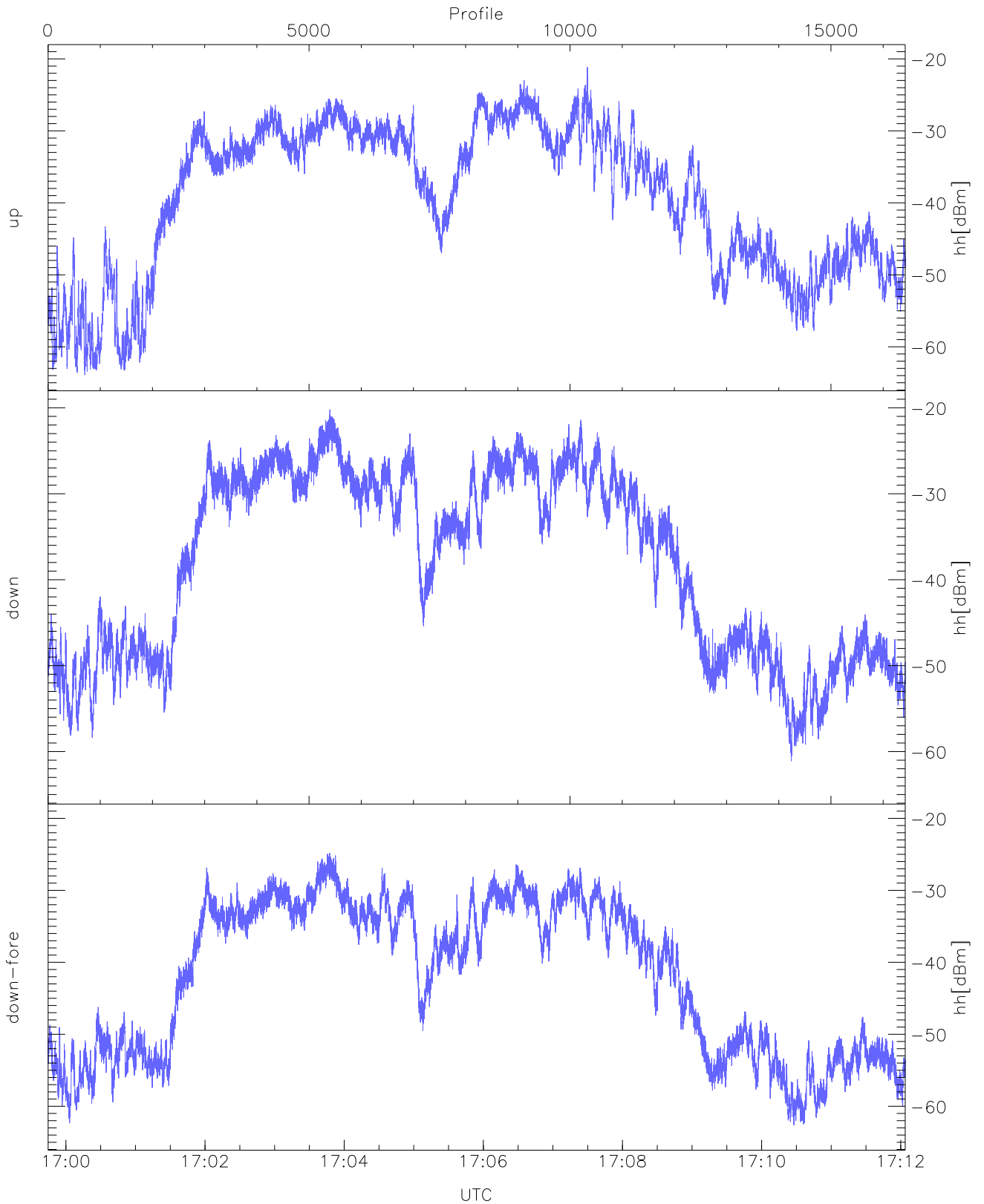
WCR3 CPP Averaged Received power for all recorded gates
blue: 165945-170554, 8213 profiles averaged
red: 170554-171204, 8212 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 165945-170554, 8213 profiles averaged
red: 170554-171204, 8212 profiles averaged

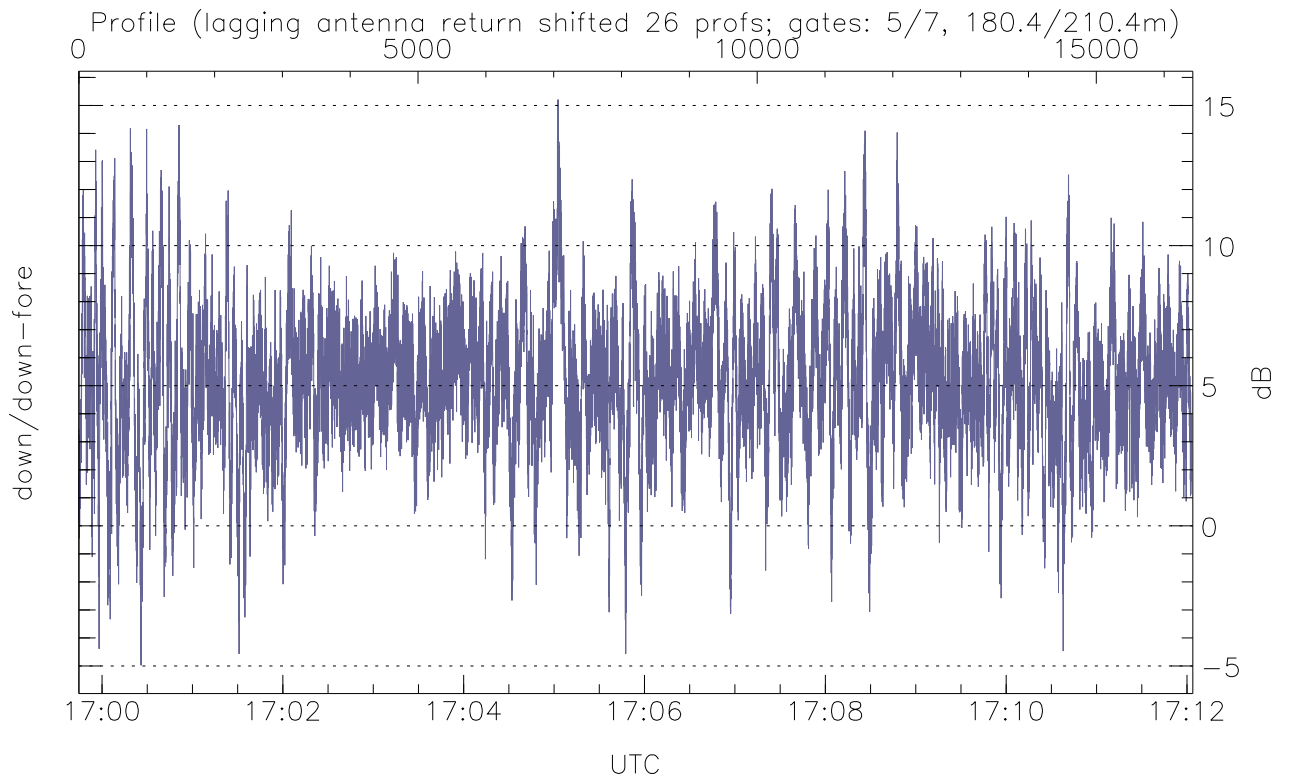
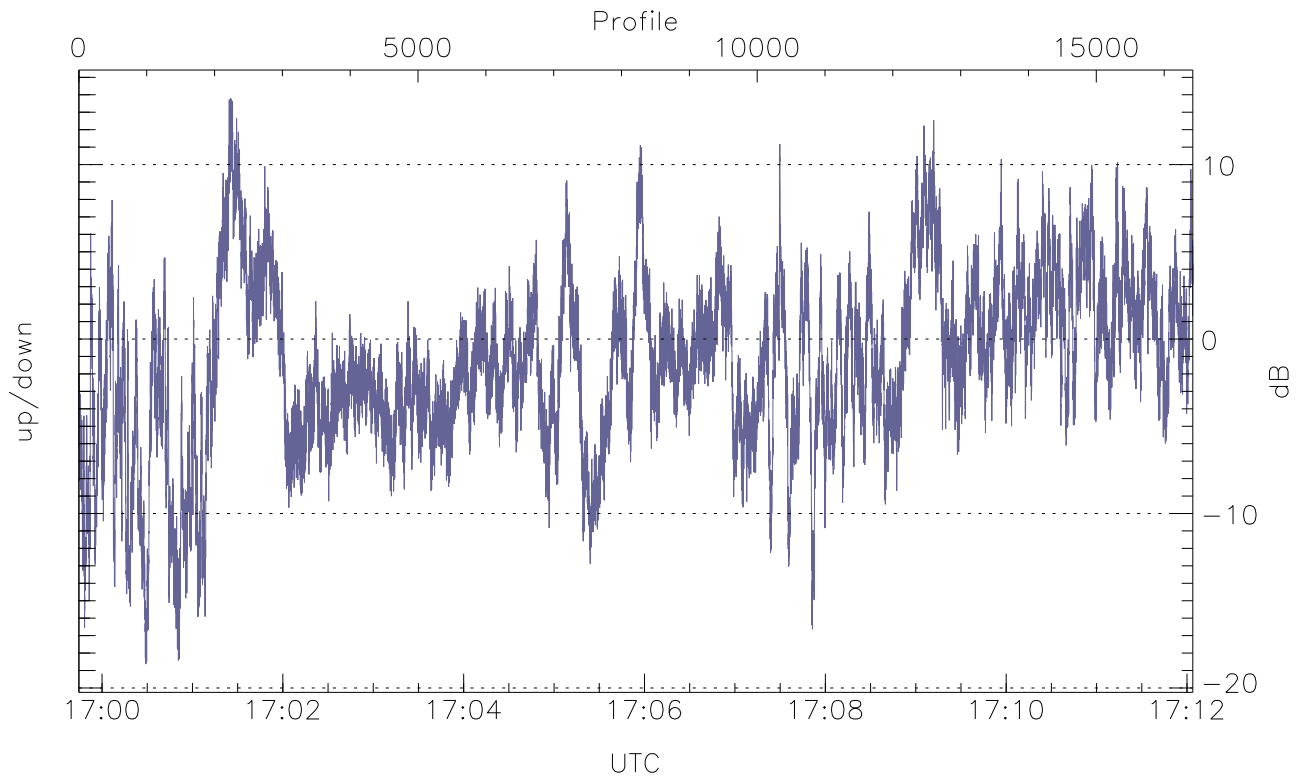


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



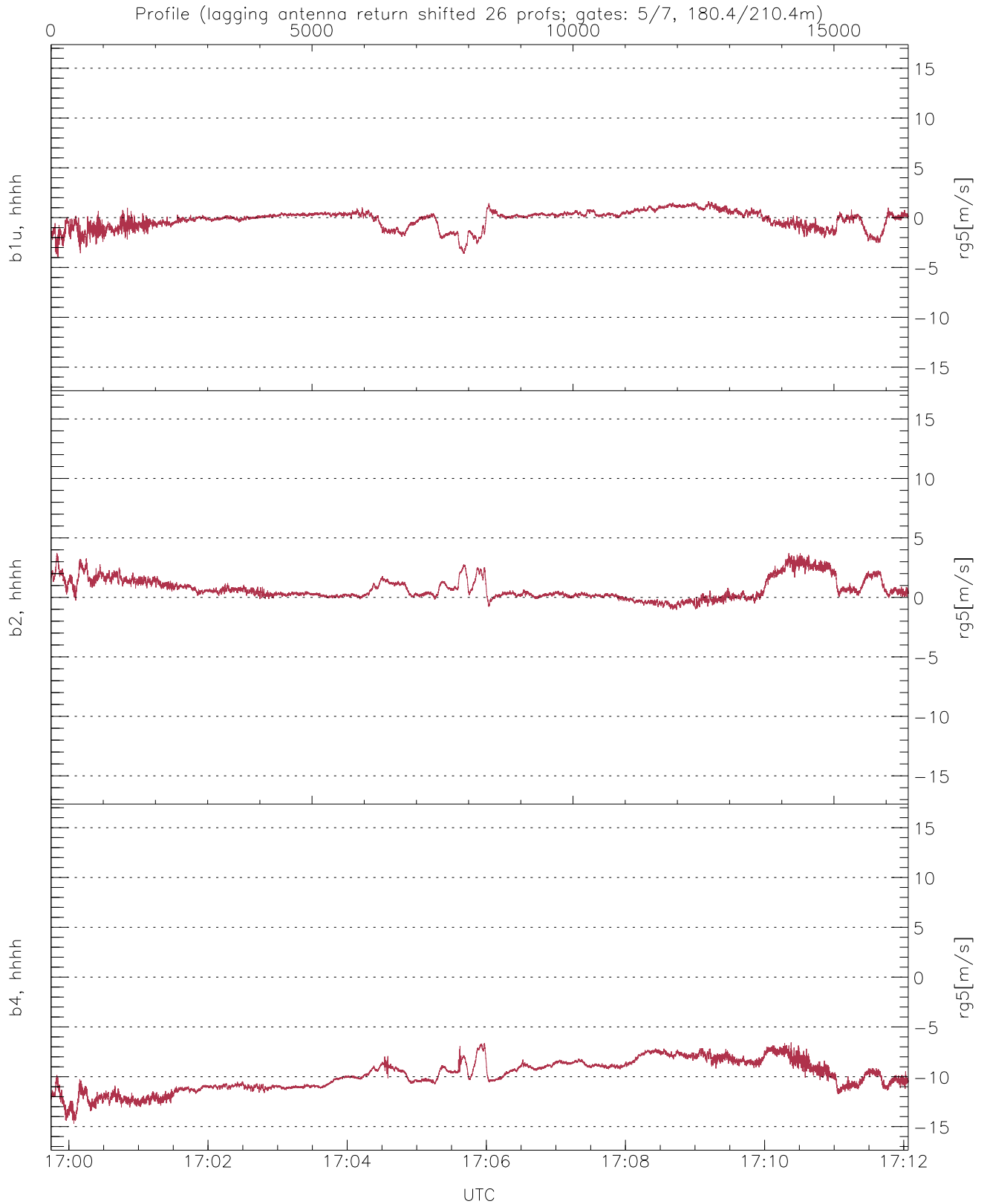
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-63.92	-21.14	-32.63
down(hh[dBm])	-61.11	-20.20	-30.43
down-fore(hh[dBm])	-62.64	-24.82	-34.63



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

	Min	Max	Mean
up/down (dB)	-18.63	13.80	-1.39
down/down-fore (dB)	-4.97	15.21	5.18



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.94	1.65	-0.20	0.91
b2, hhhh(rg5[m/s])	-1.04	3.73	0.72	0.89
b4, hhhh(rg5[m/s])	-14.72	-6.56	-9.86	1.53