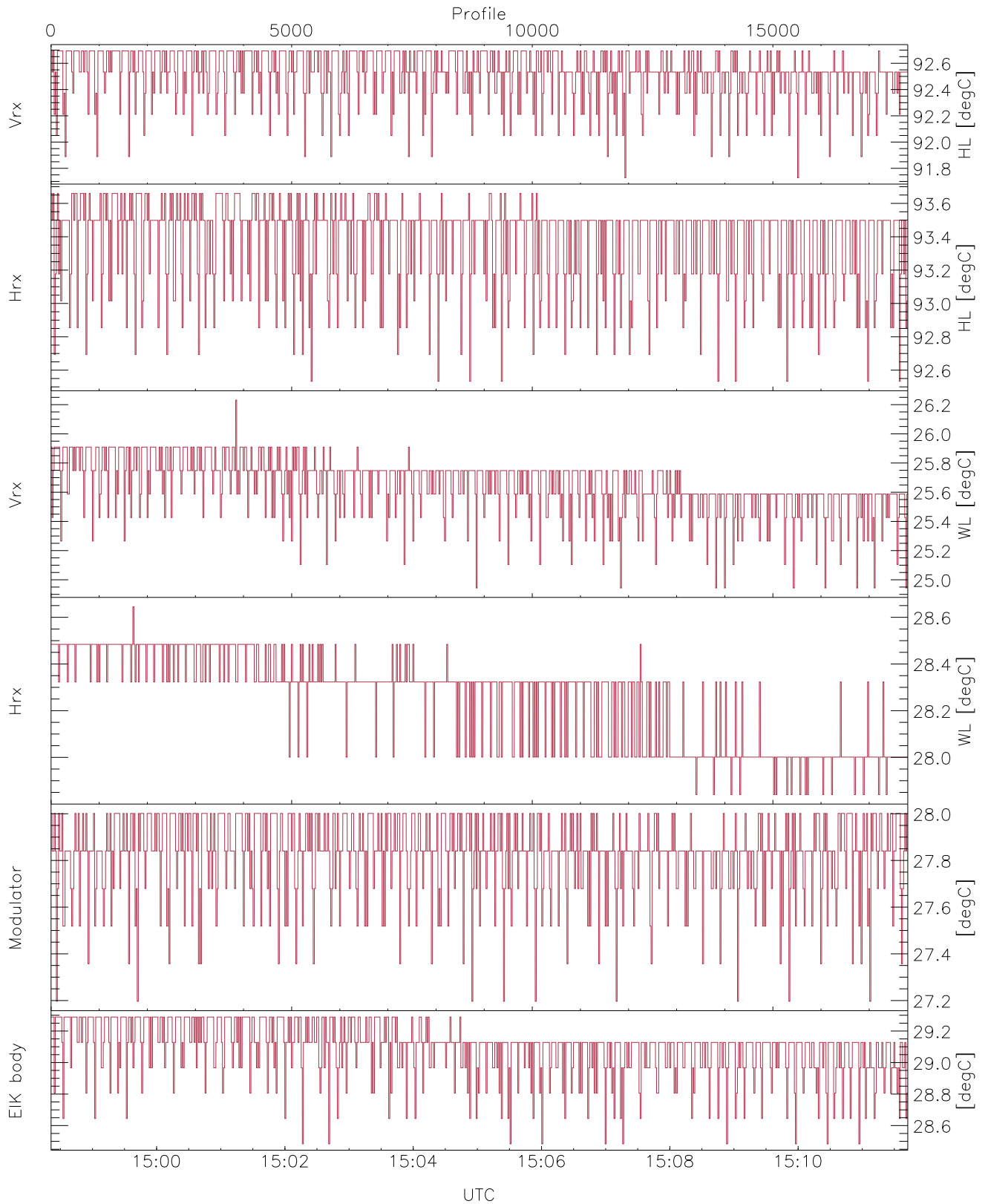


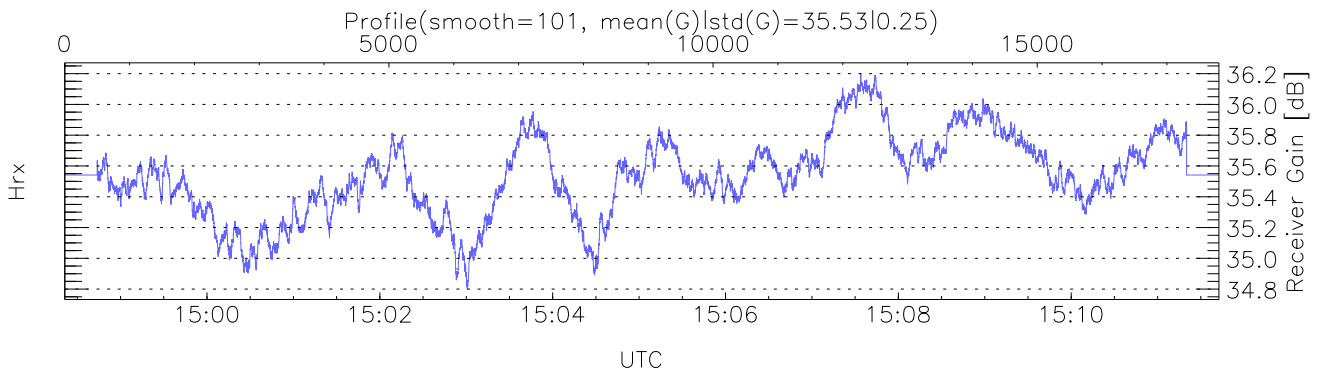
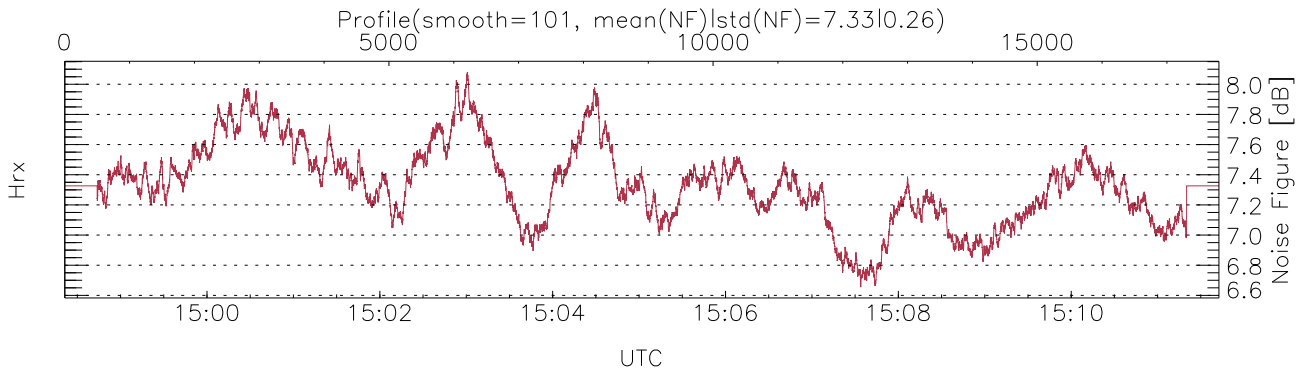
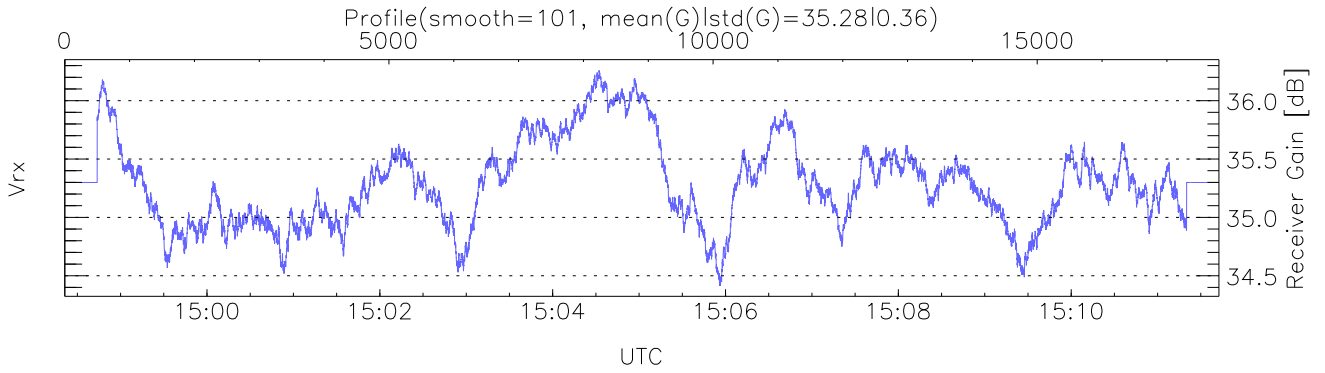
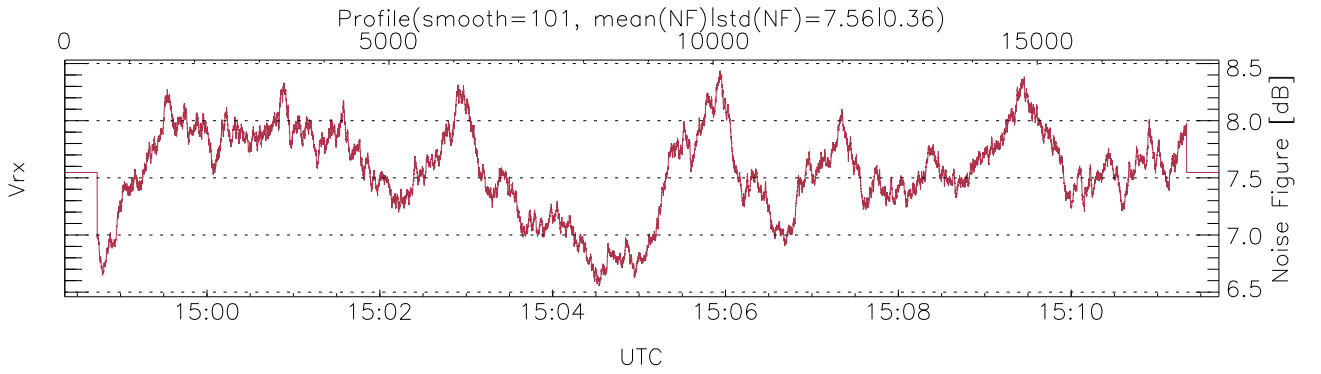
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:58:21-15:11:43, TimeCor: 0.00s, Dur: 801.33s
 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): 17804/17804, 0-17803/14:58:21-15:11:43
 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 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



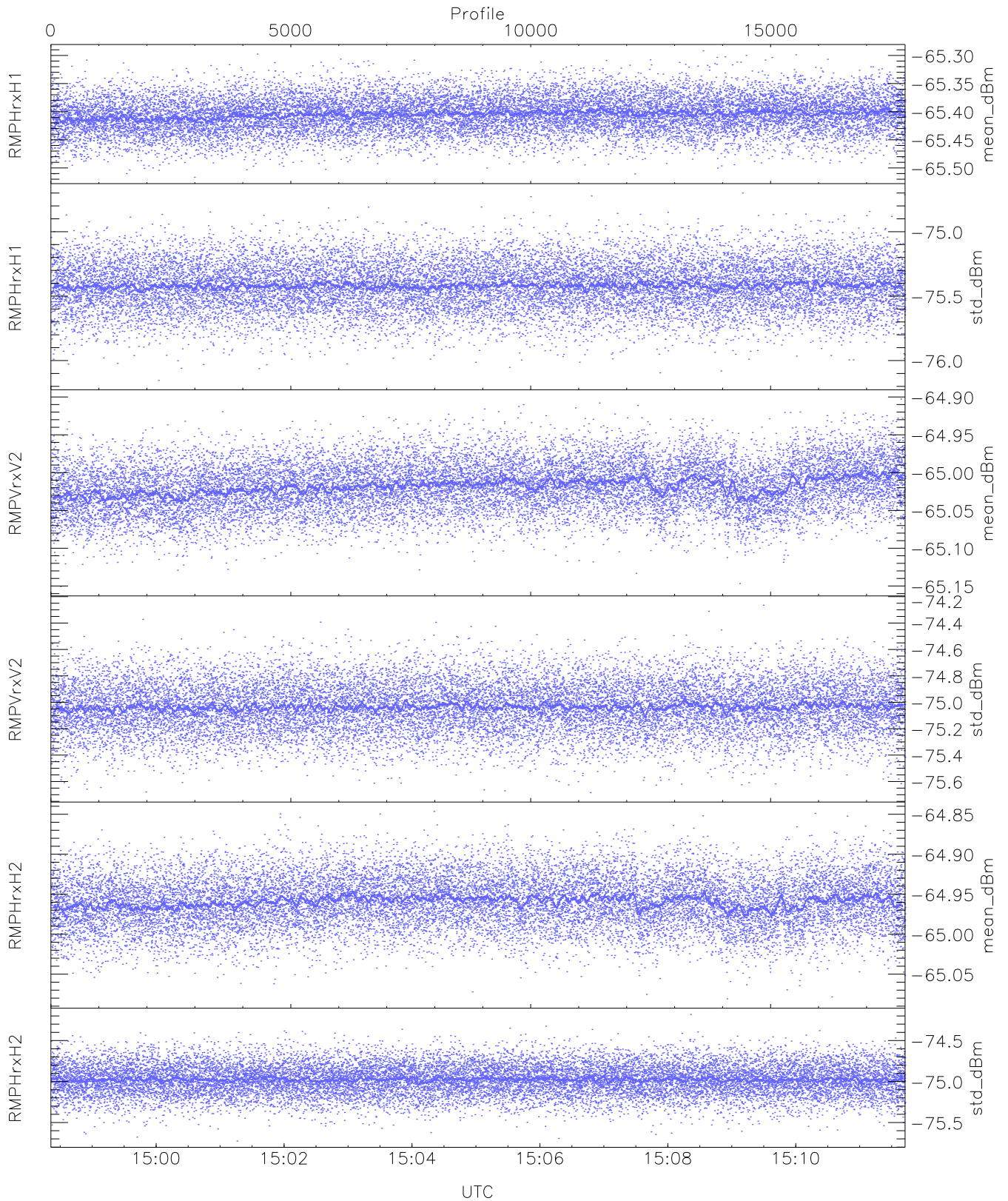
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,28,29
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



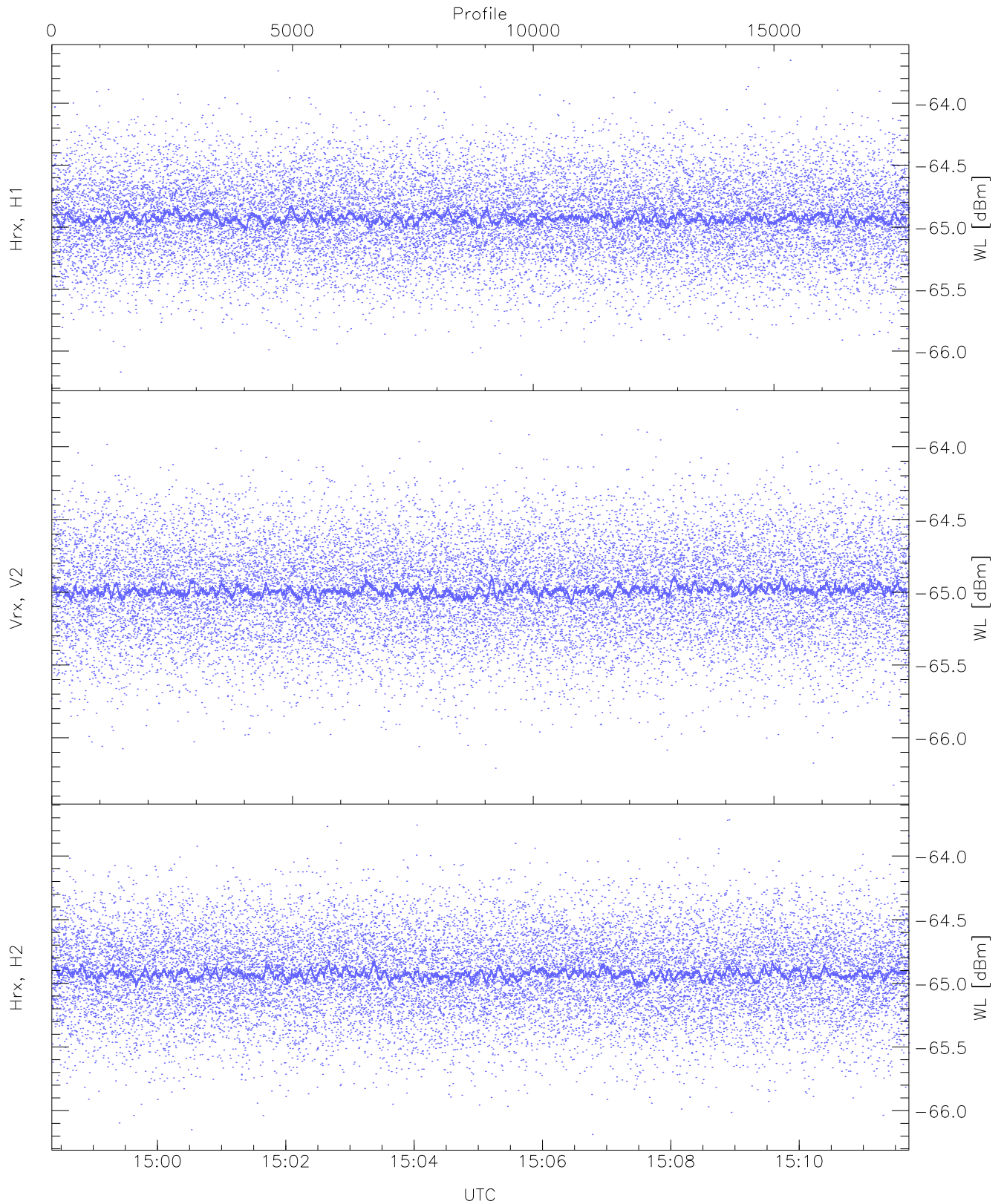
WCR3 CPP Receivers Gain and Noise Figure

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



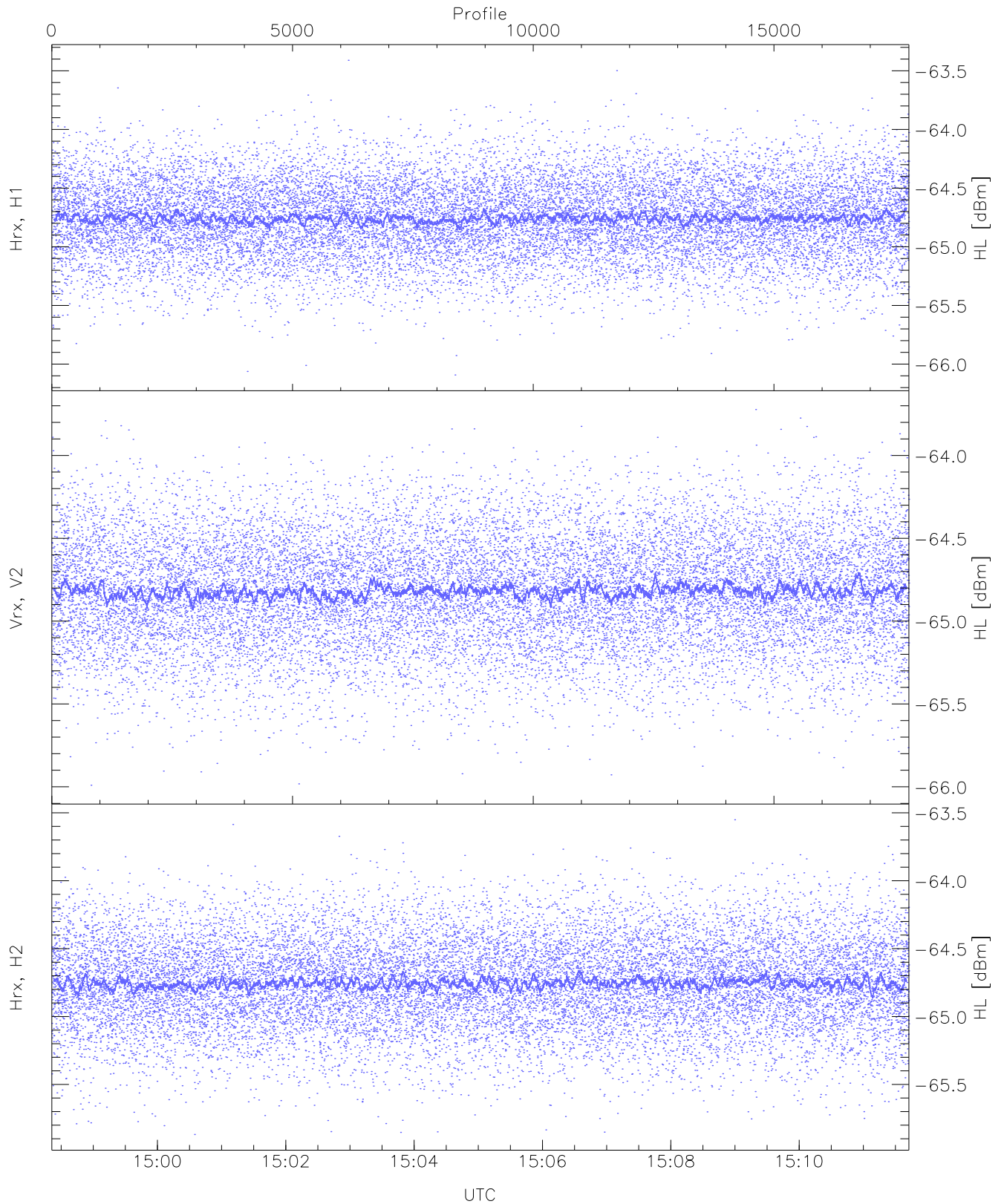
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.29	-65.40	-65.40	-87.00
RMPHrxH1(std_dBm)	-76.15	-74.70	-75.42	-75.42	-89.25
RMPVrxV2(mean_dBm)	-65.15	-64.90	-65.02	-65.02	-86.43
RMPVrxV2(std_dBm)	-75.68	-74.27	-75.03	-75.04	-88.82
RMPHrxH2(mean_dBm)	-65.08	-64.85	-64.96	-64.96	-86.48
RMPHrxH2(std_dBm)	-75.73	-74.18	-74.97	-74.98	-88.76



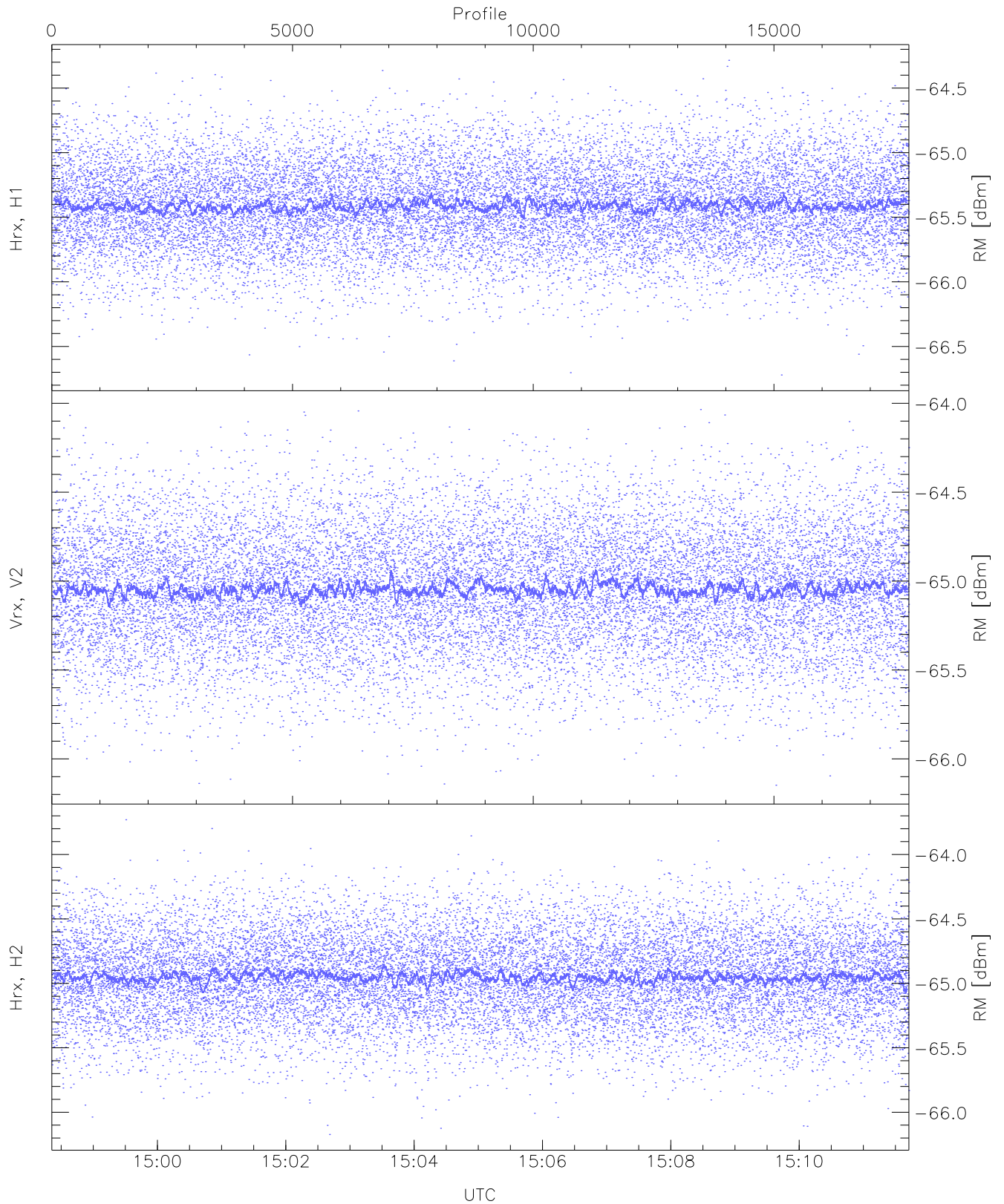
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.19	-63.65	-64.92	-64.93	-76.43
Vrx, V2 (WL [dBm])	-66.33	-63.74	-64.98	-64.99	-76.48
Hrx, H2 (WL [dBm])	-66.19	-63.72	-64.92	-64.92	-76.39



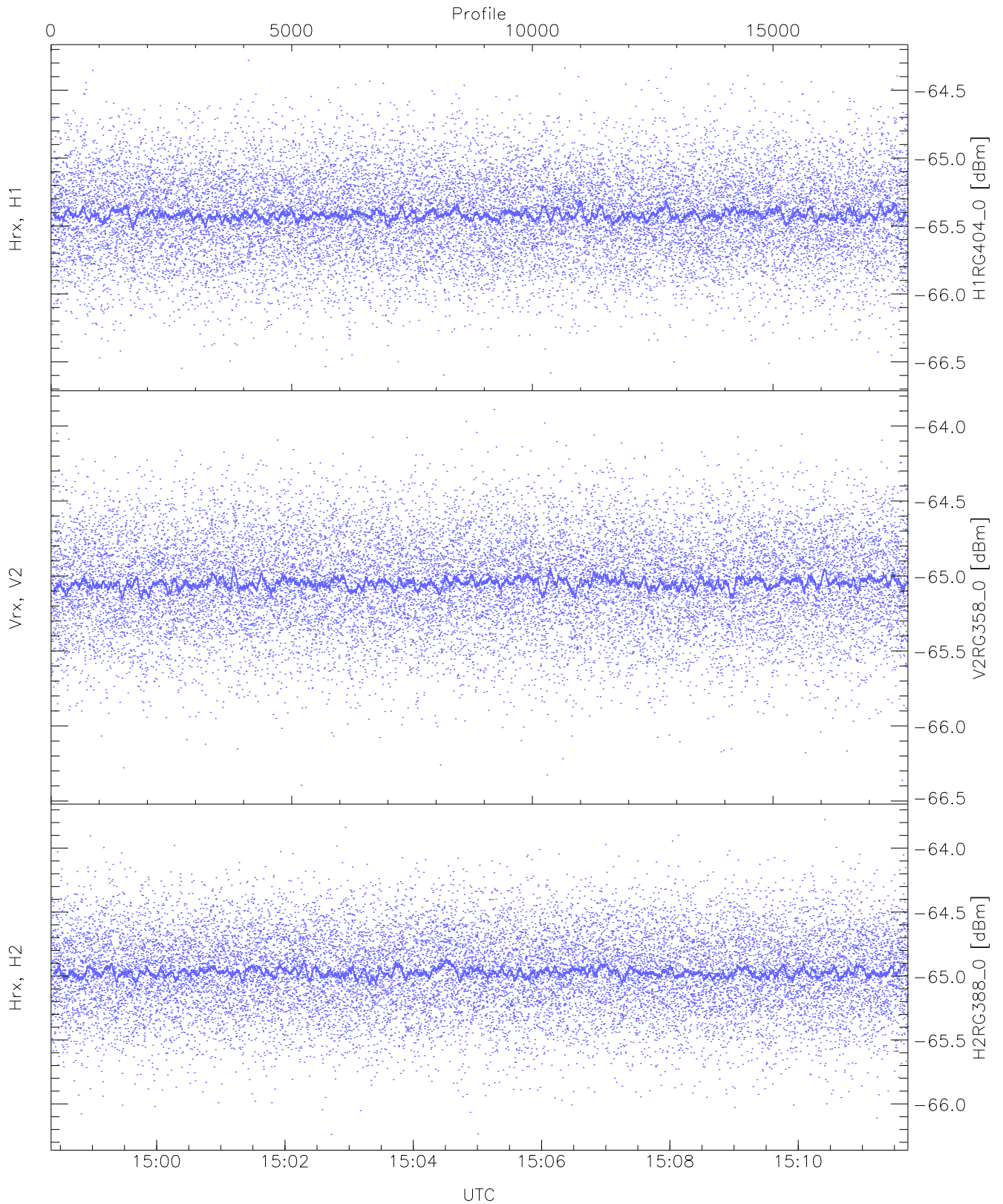
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.09	-63.41	-64.75	-64.76	-76.25
Vrx, V2 (HL [dBm])	-65.99	-63.72	-64.81	-64.82	-76.31
Hrx, H2 (HL [dBm])	-65.87	-63.55	-64.75	-64.76	-76.25



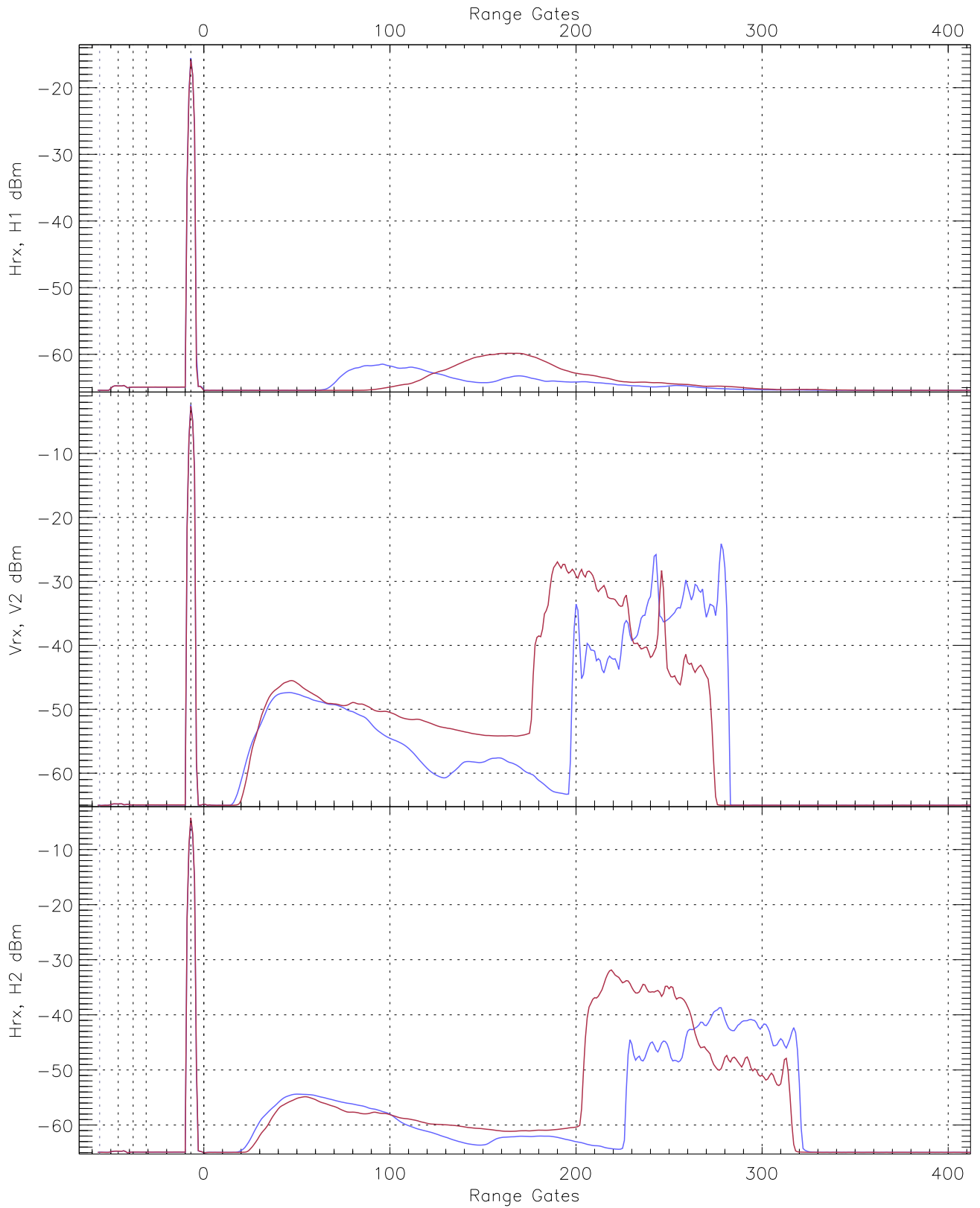
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.72	-64.29	-65.40	-65.41	-76.90
Vrx, V2 (RM [dBm])	-66.15	-64.04	-65.04	-65.05	-76.59
Hrx, H2 (RM [dBm])	-66.17	-63.73	-64.94	-64.95	-76.47

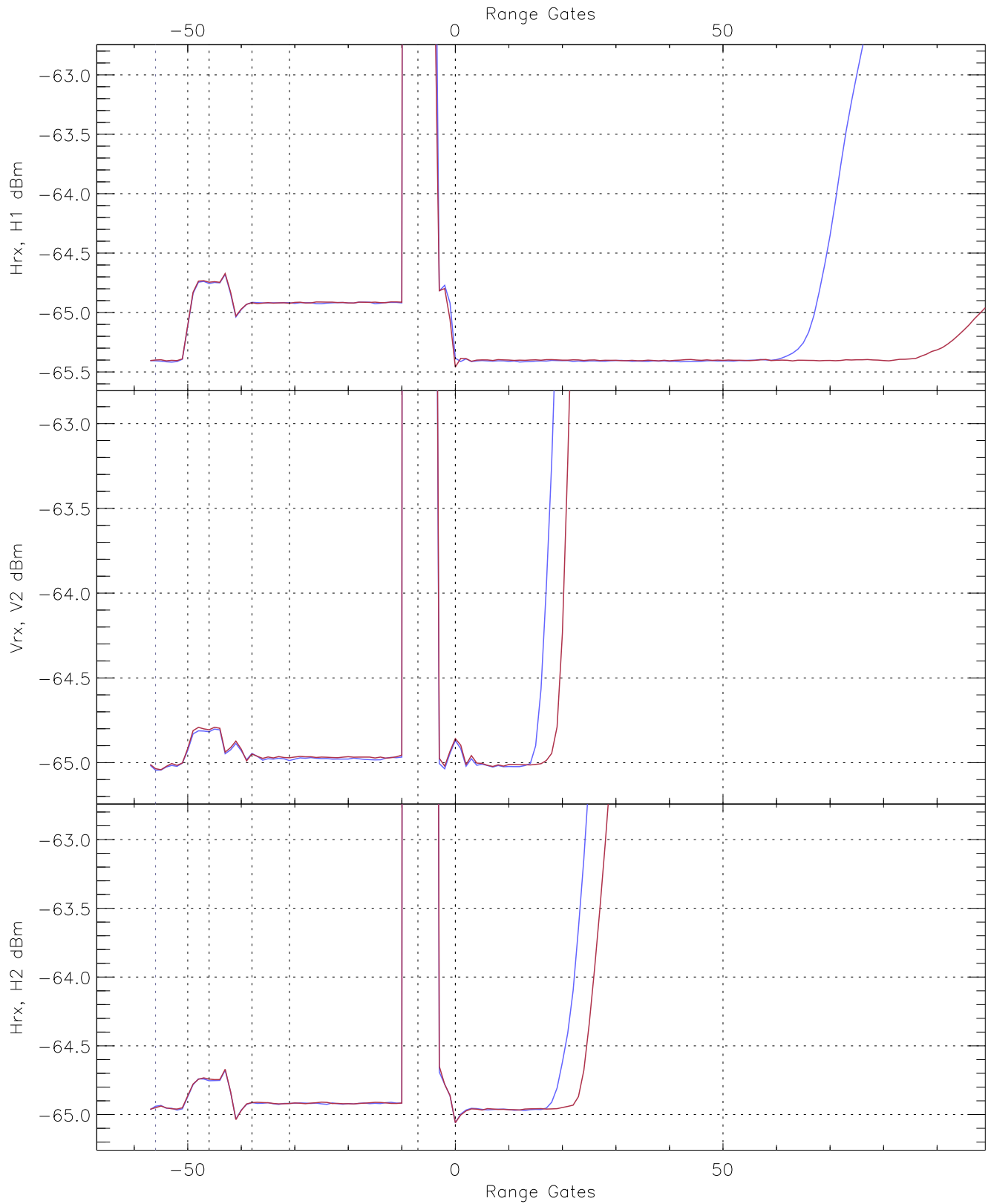


WCR3 CPP "Best" estimate Receivers Noise Power

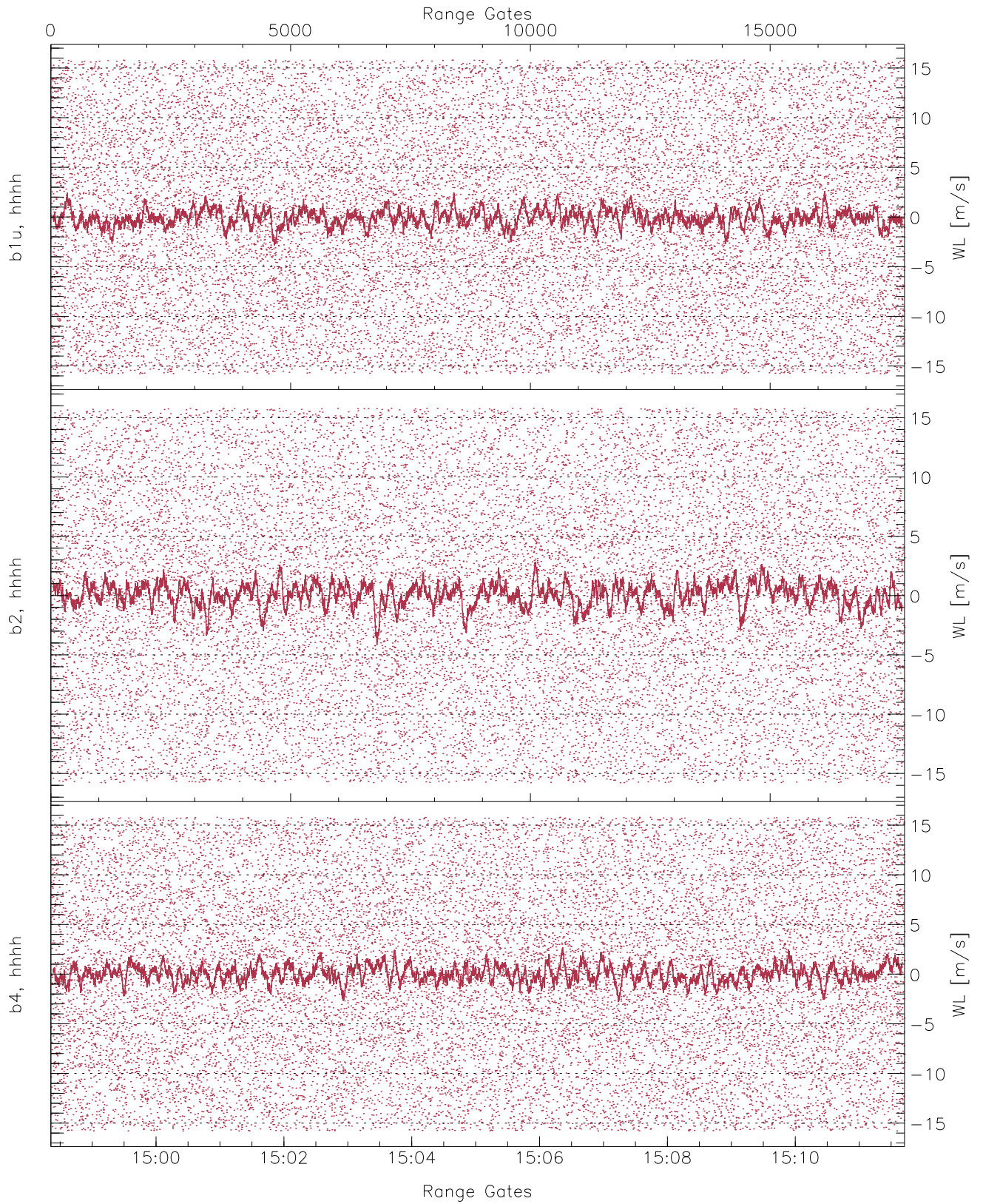
	Min	Max	Mean	Median	StDev
H1RG404_0 [dBm]	-66.60	-64.28	-65.41	-65.42	-76.90
V2RG358_0 [dBm]	-66.40	-63.89	-65.04	-65.05	-76.58
H2RG388_0 [dBm]	-66.24	-63.78	-64.96	-64.97	-76.47



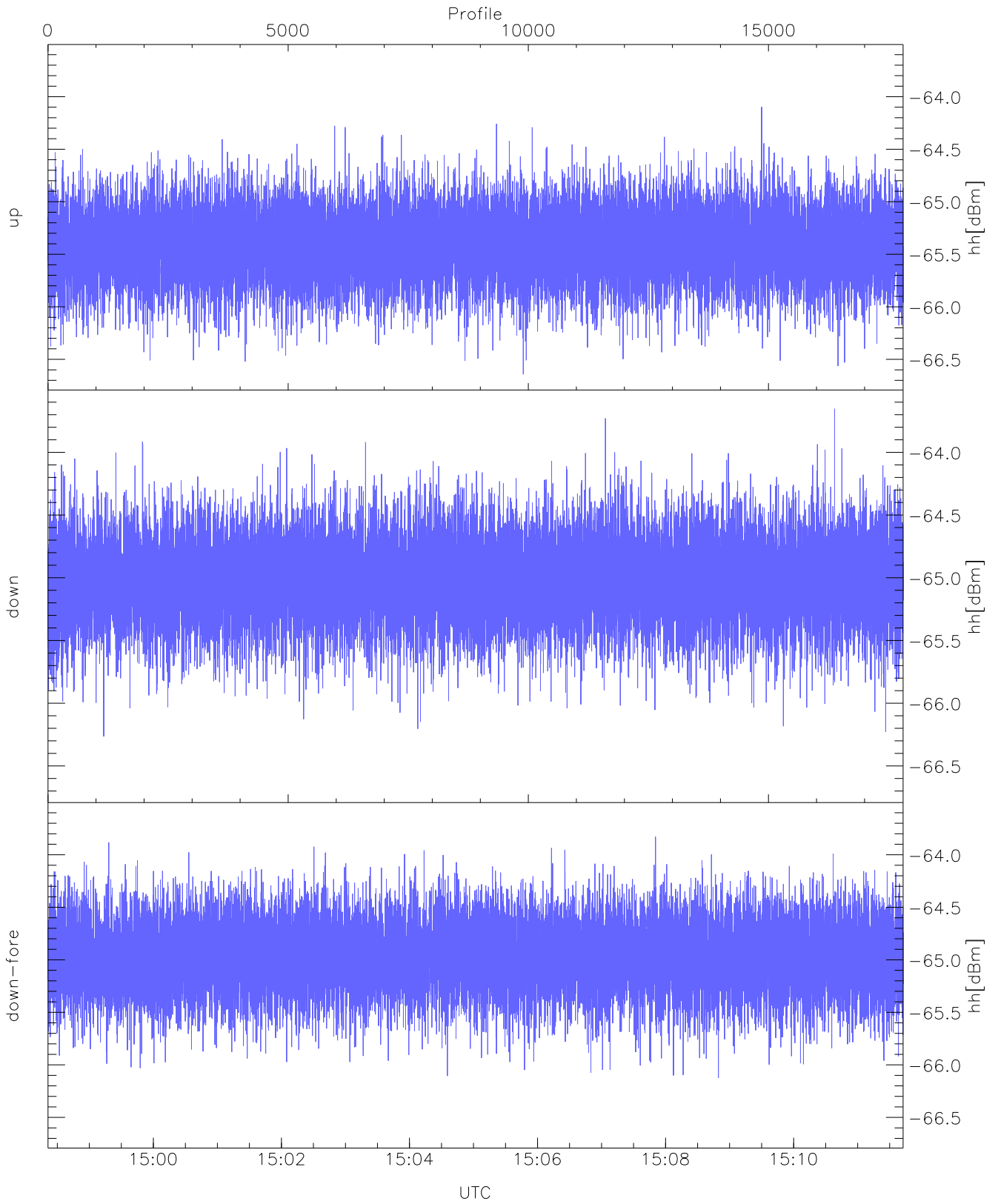
WCR3 CPP Averaged Received power for all recorded gates
blue: 145821-150502, 8903 profiles averaged
red: 150502-151143, 8902 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 145821-150502, 8903 profiles averaged
red: 150502-151143, 8902 profiles averaged

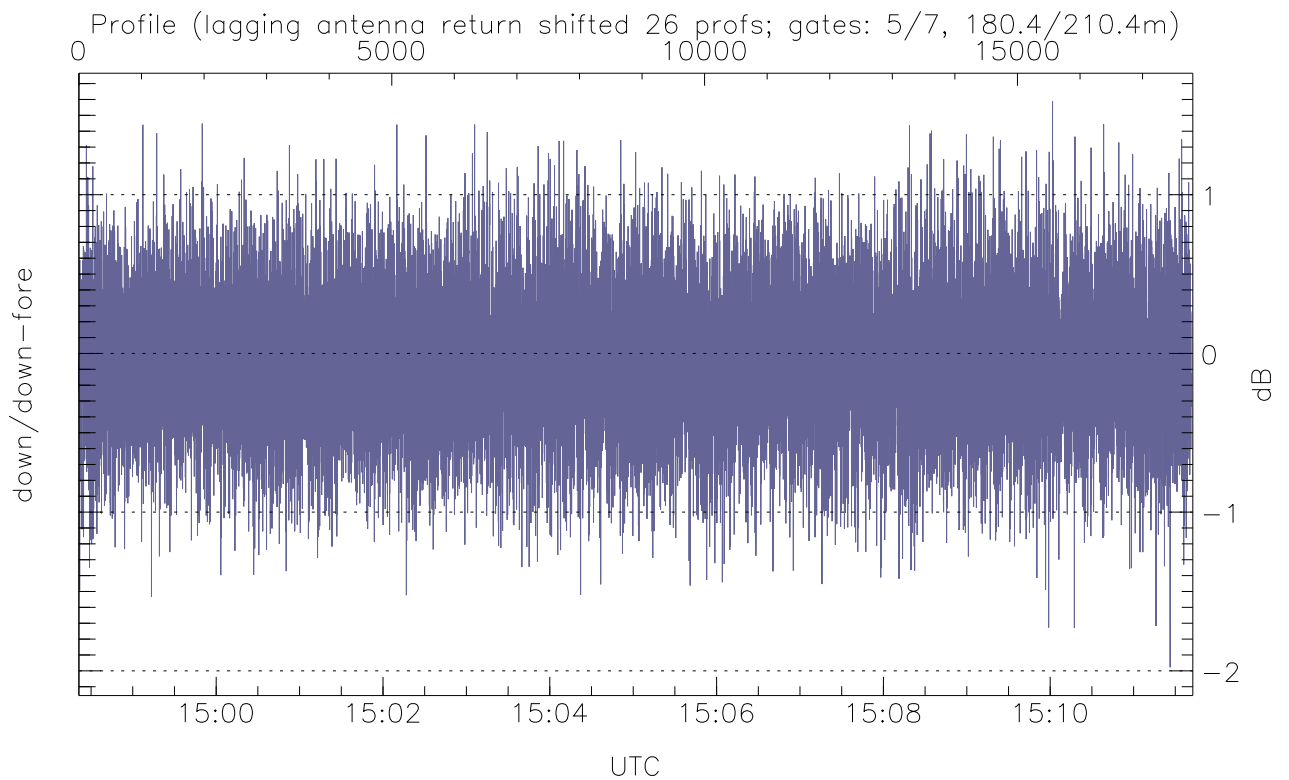
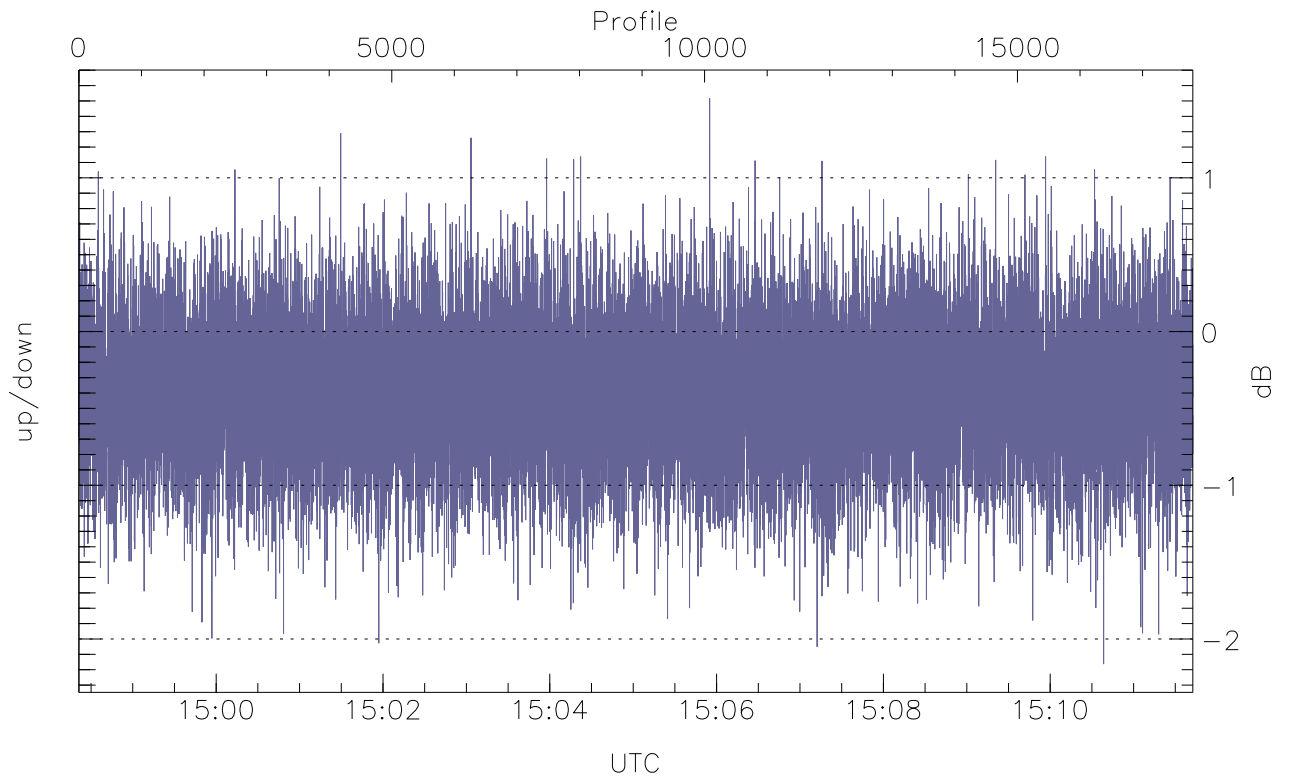


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



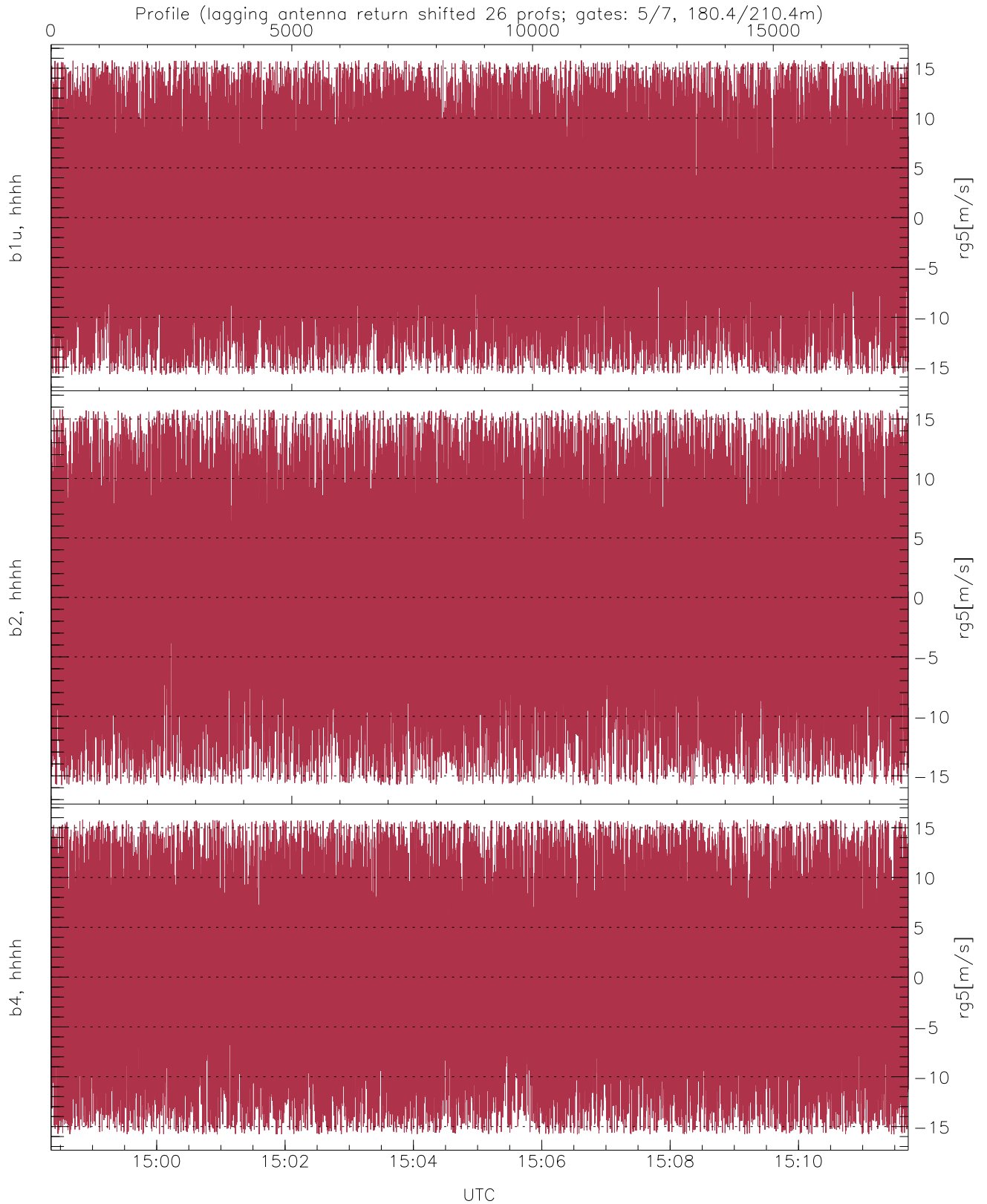
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.64	-64.10	-65.40
down(hh[dBm])	-66.27	-63.65	-65.01
down-fore(hh[dBm])	-66.13	-63.83	-64.96



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

	Min	Max	Mean
up/down (dB)	-2.16	1.52	-0.39
down/down-fore (dB)	-1.98	1.59	-0.05



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.06	8.79
b2, hhhh(rg5[m/s])	-15.78	15.79	0.05	8.42
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.15	8.76