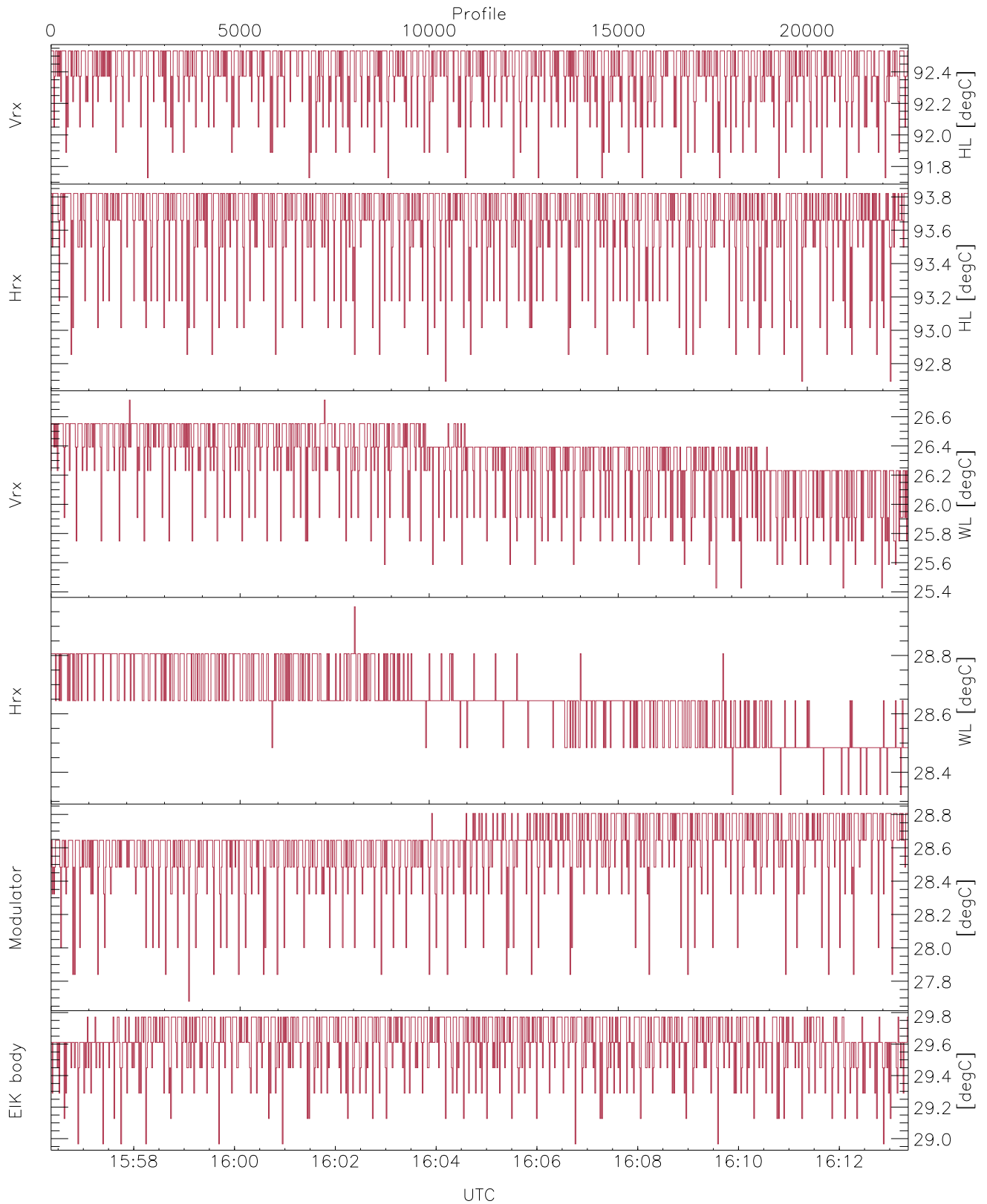


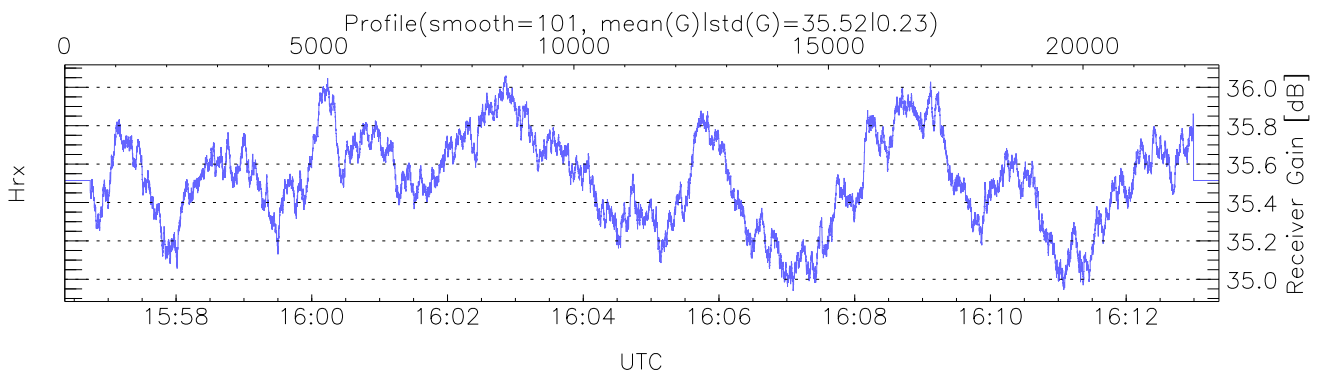
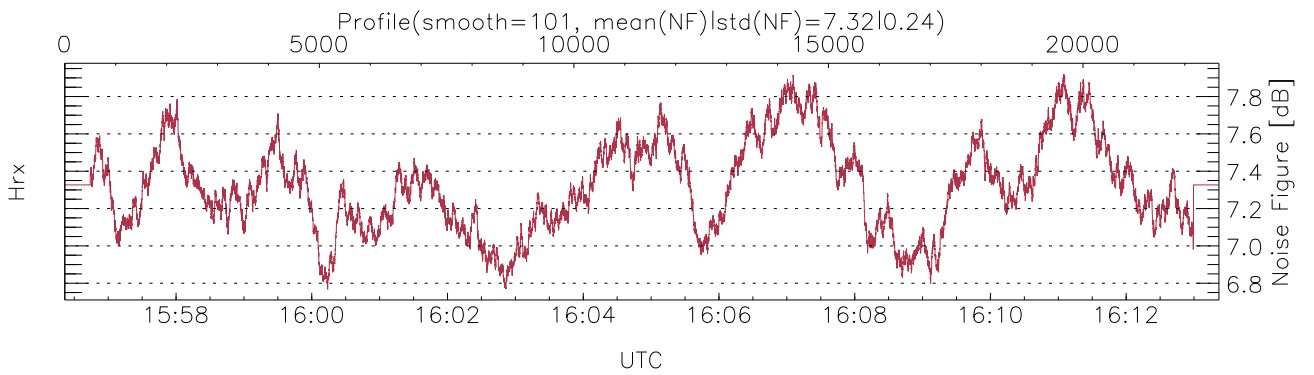
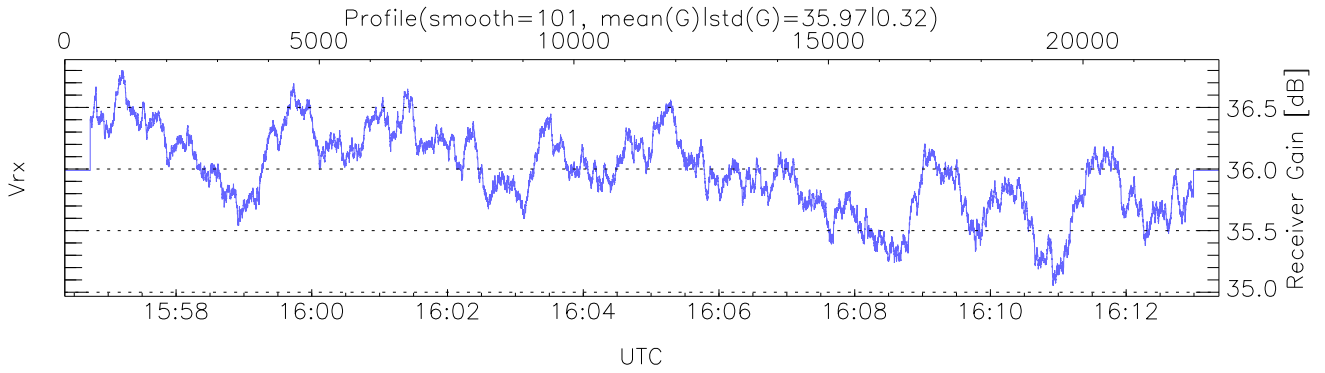
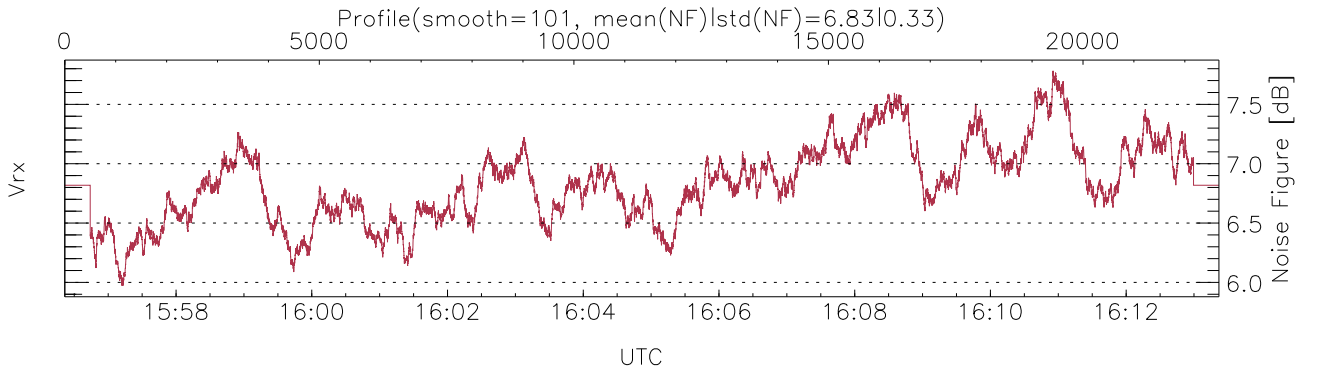
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:56:22-16:13:22, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/15:56:22-16:13:22
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



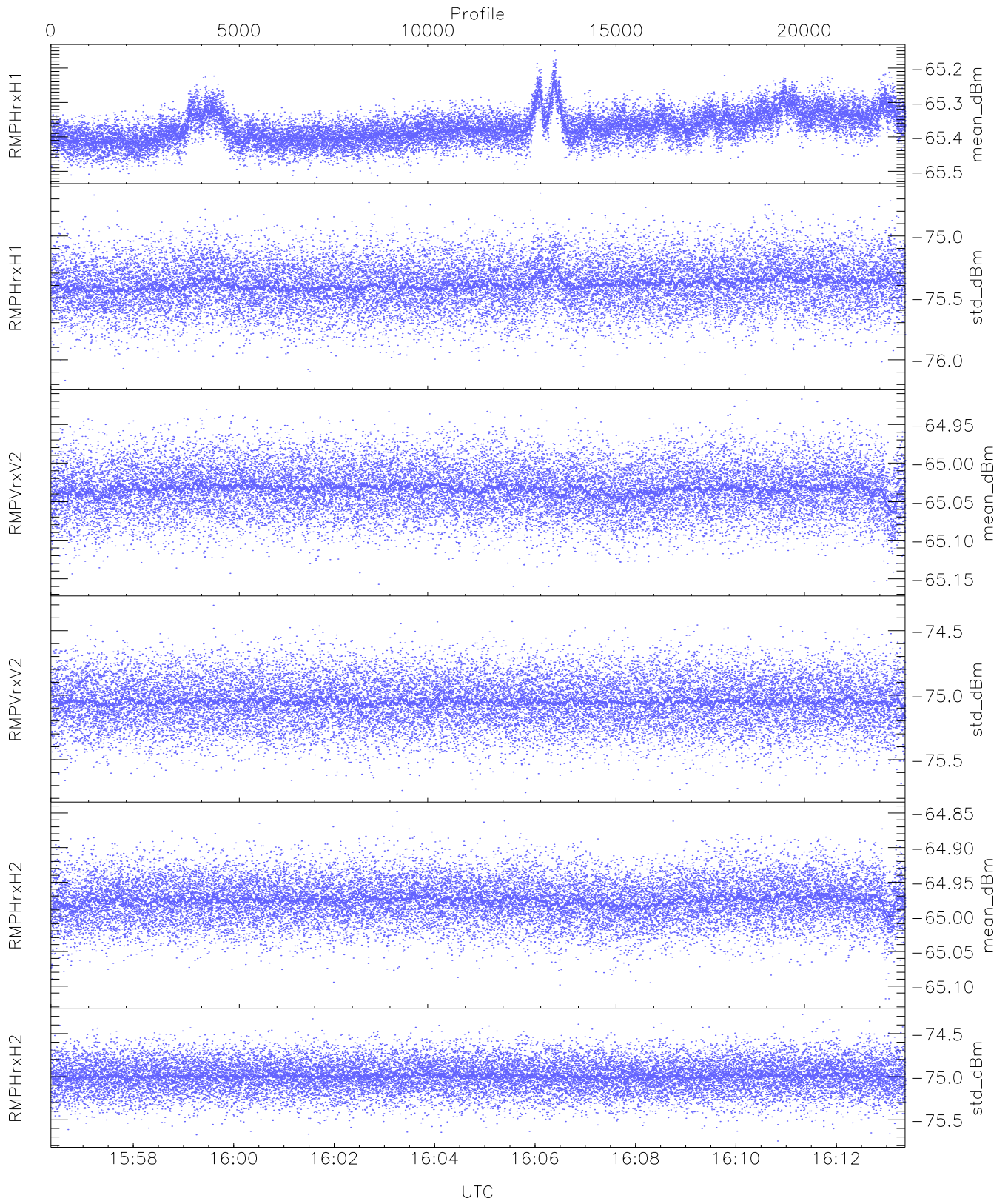
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,28,29
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



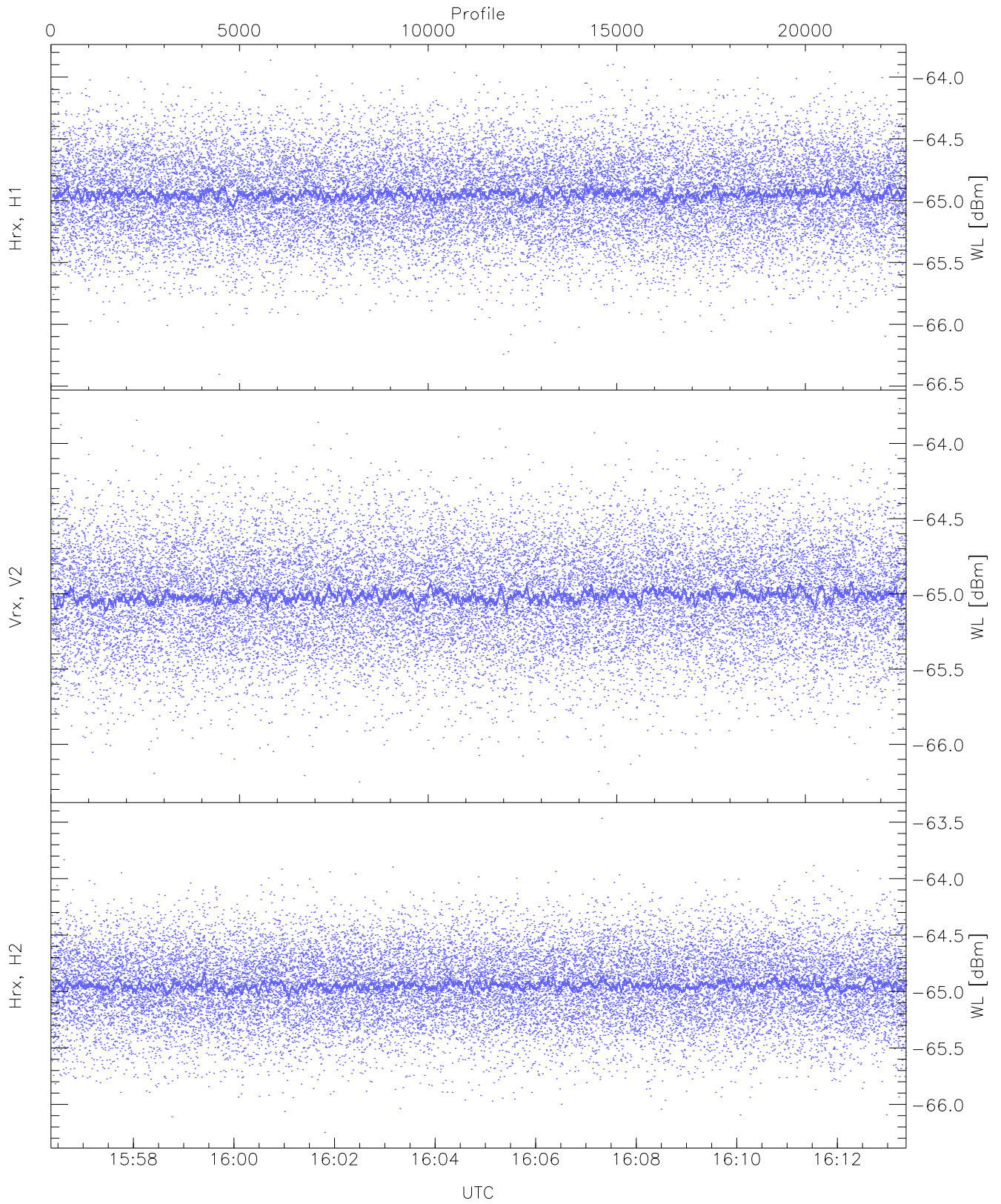
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 5 pixs, 2 gates, 5 profs, 1 prod(s)



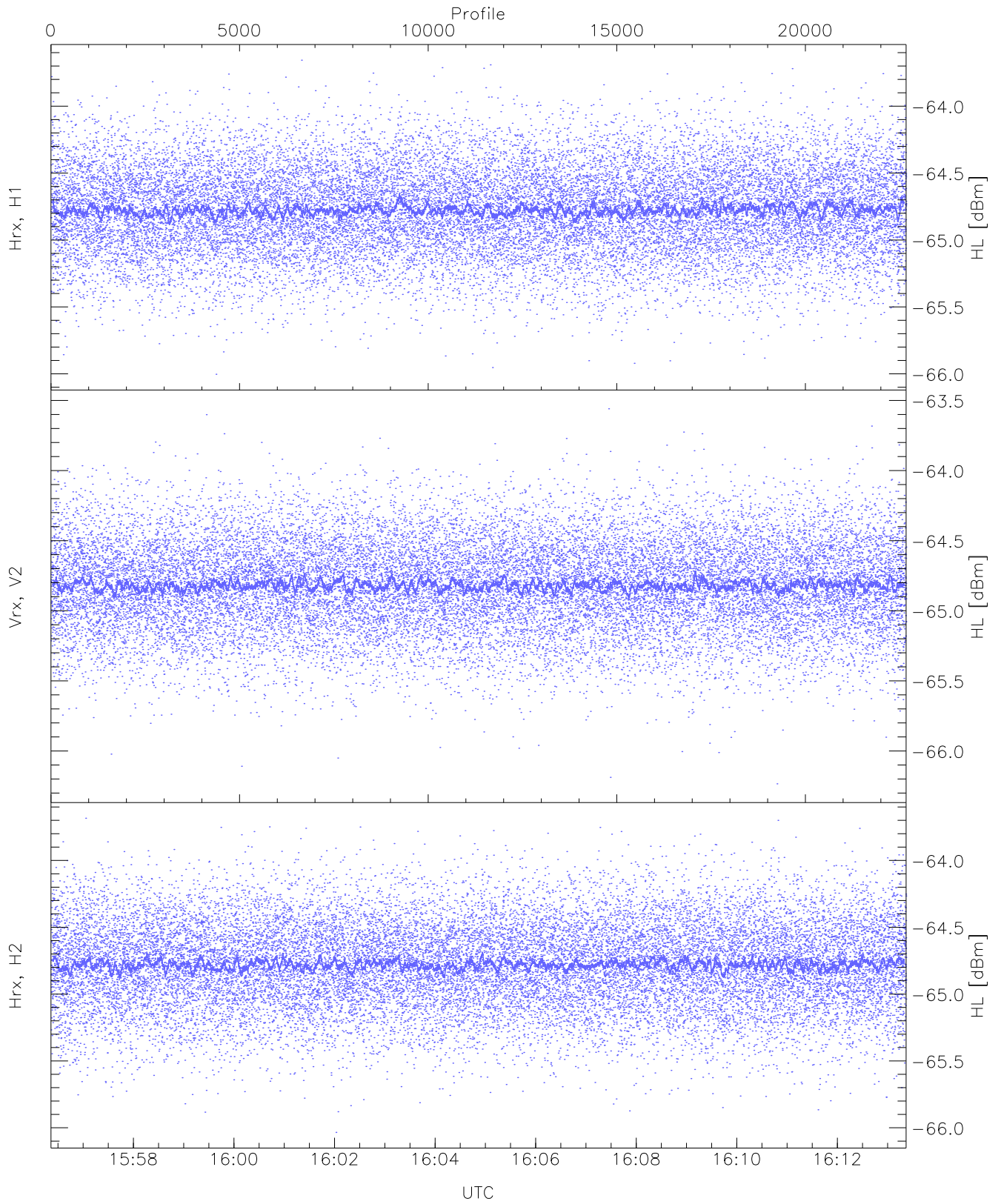
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.15	-65.37	-65.38	-85.13
RMPHrxH1(std_dBm)	-76.17	-74.65	-75.39	-75.39	-89.14
RMPVrxV2(mean_dBm)	-65.16	-64.92	-65.03	-65.03	-86.57
RMPVrxV2(std_dBm)	-75.76	-74.30	-75.05	-75.05	-88.85
RMPHrxH2(mean_dBm)	-65.12	-64.85	-64.98	-64.98	-86.58
RMPHrxH2(std_dBm)	-75.75	-74.28	-74.99	-74.99	-88.84



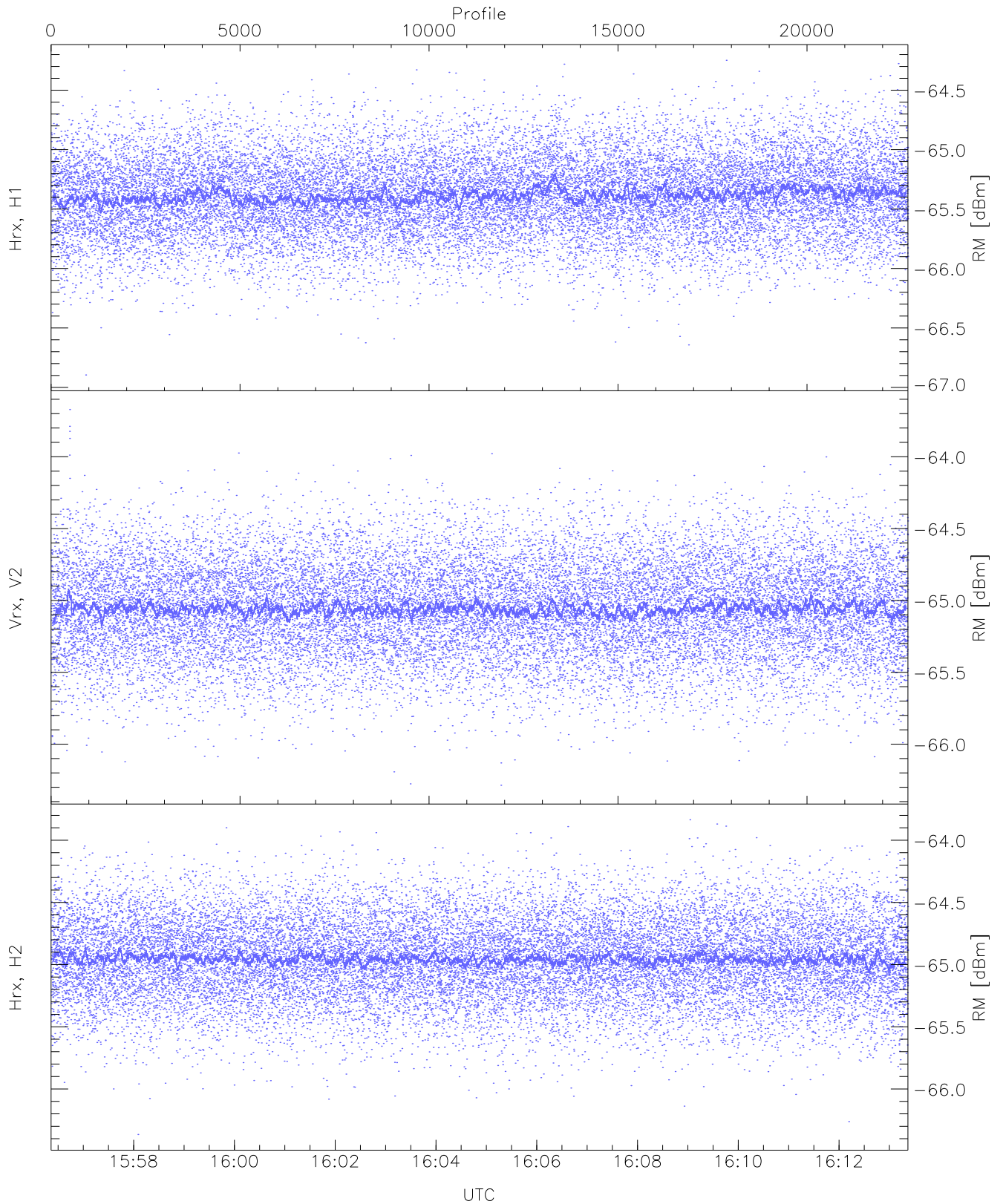
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.40	-63.86	-64.94	-64.95	-76.43
Vrx, V2 (WL [dBm])	-66.26	-63.77	-65.01	-65.01	-76.51
Hrx, H2 (WL [dBm])	-66.25	-63.47	-64.94	-64.95	-76.46



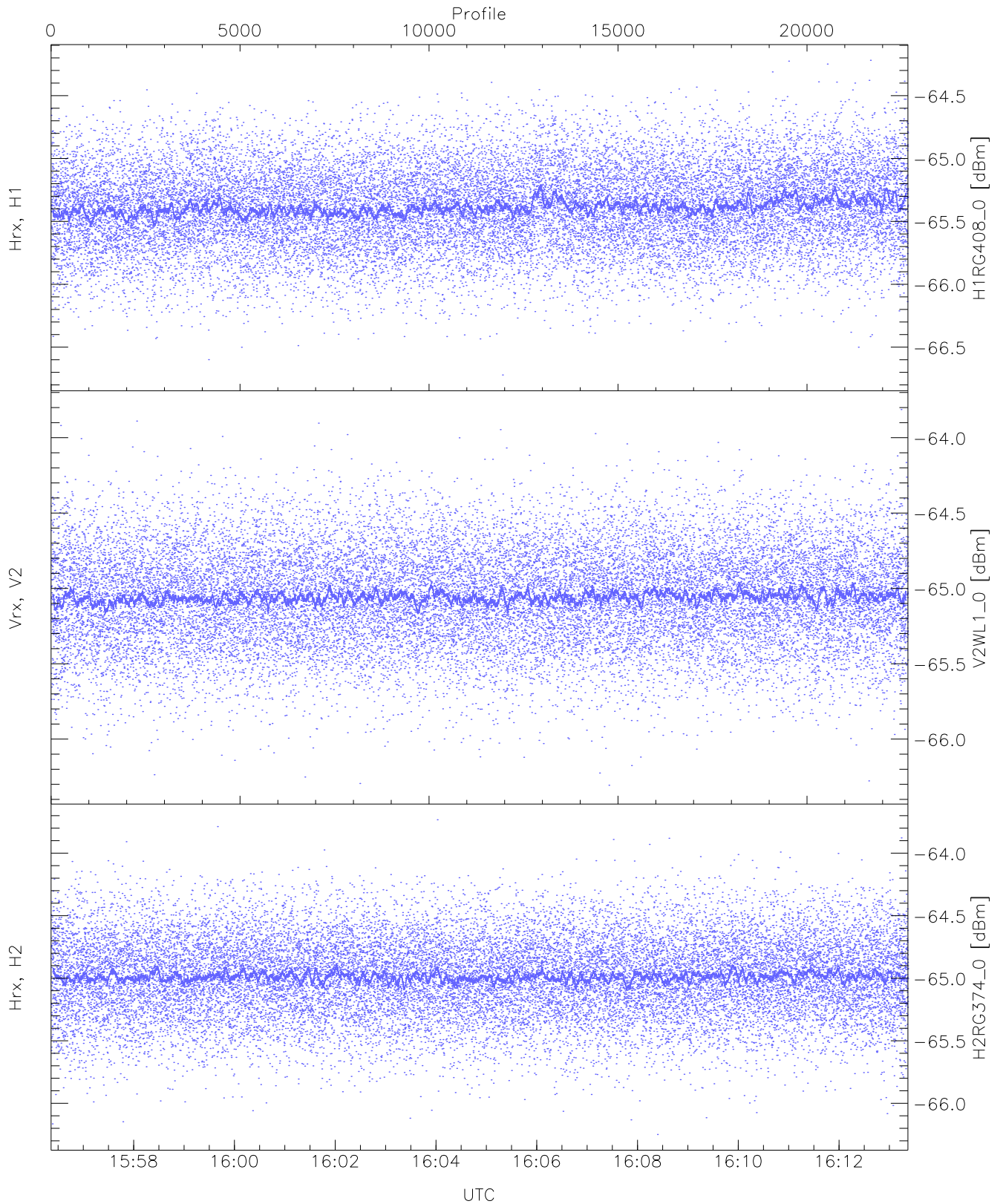
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.00	-63.66	-64.77	-64.78	-76.29
Vrx, V2 (HL [dBm])	-66.23	-63.56	-64.81	-64.82	-76.33
Hrx, H2 (HL [dBm])	-66.03	-63.68	-64.77	-64.78	-76.29



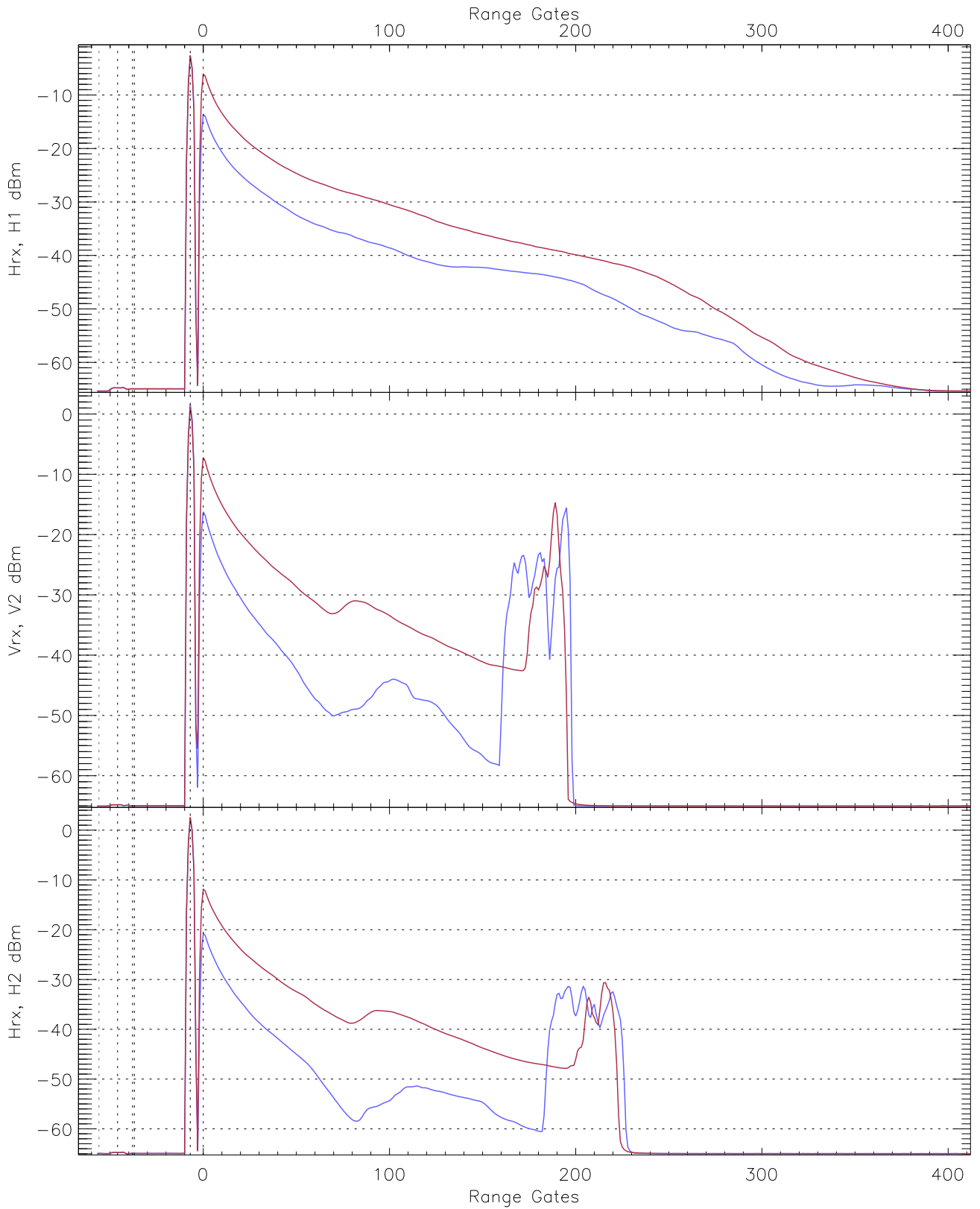
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.90	-64.25	-65.38	-65.39	-76.83
Vrx, V2 (RM [dBm])	-66.29	-63.67	-65.05	-65.06	-76.57
Hrx, H2 (RM [dBm])	-66.37	-63.84	-64.95	-64.95	-76.46

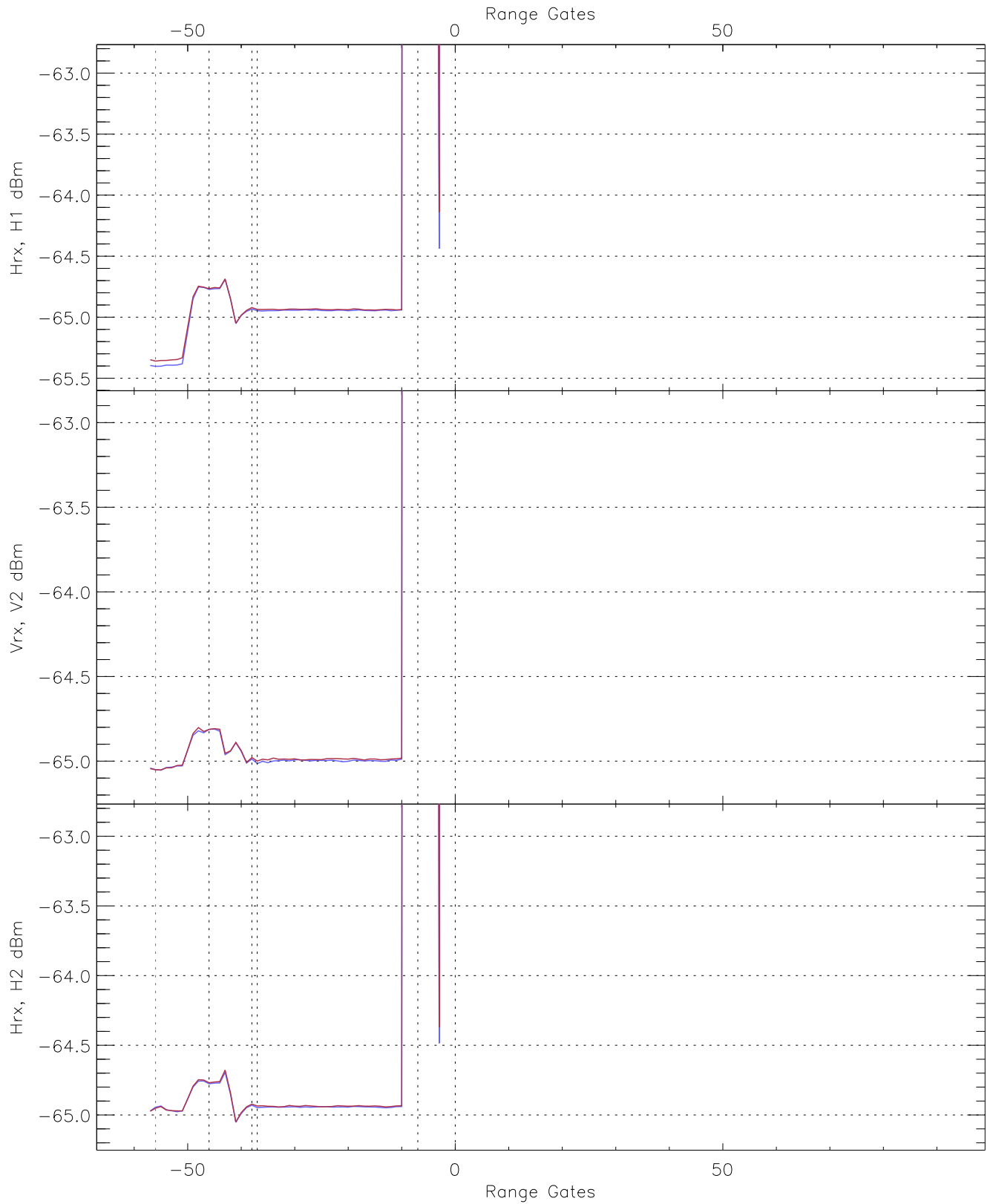


WCR3 CPP "Best" estimate Receivers Noise Power

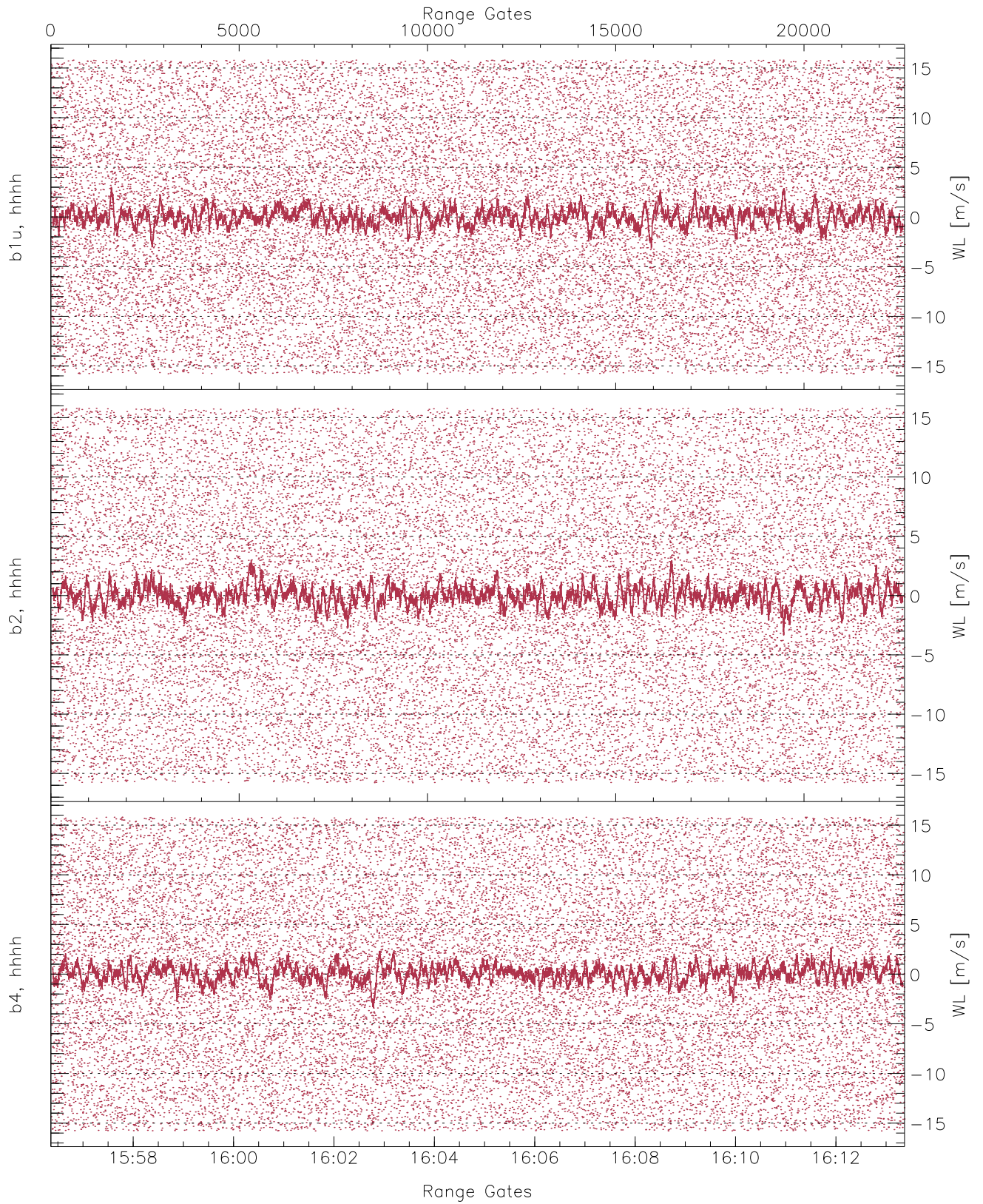
	Min	Max	Mean	Median	StDev
H1RG408_0 [dBm]	-66.72	-64.22	-65.38	-65.39	-76.82
V2WL1_0 [dBm]	-66.31	-63.81	-65.05	-65.06	-76.56
H2RG374_0 [dBm]	-66.25	-63.73	-64.98	-64.99	-76.51



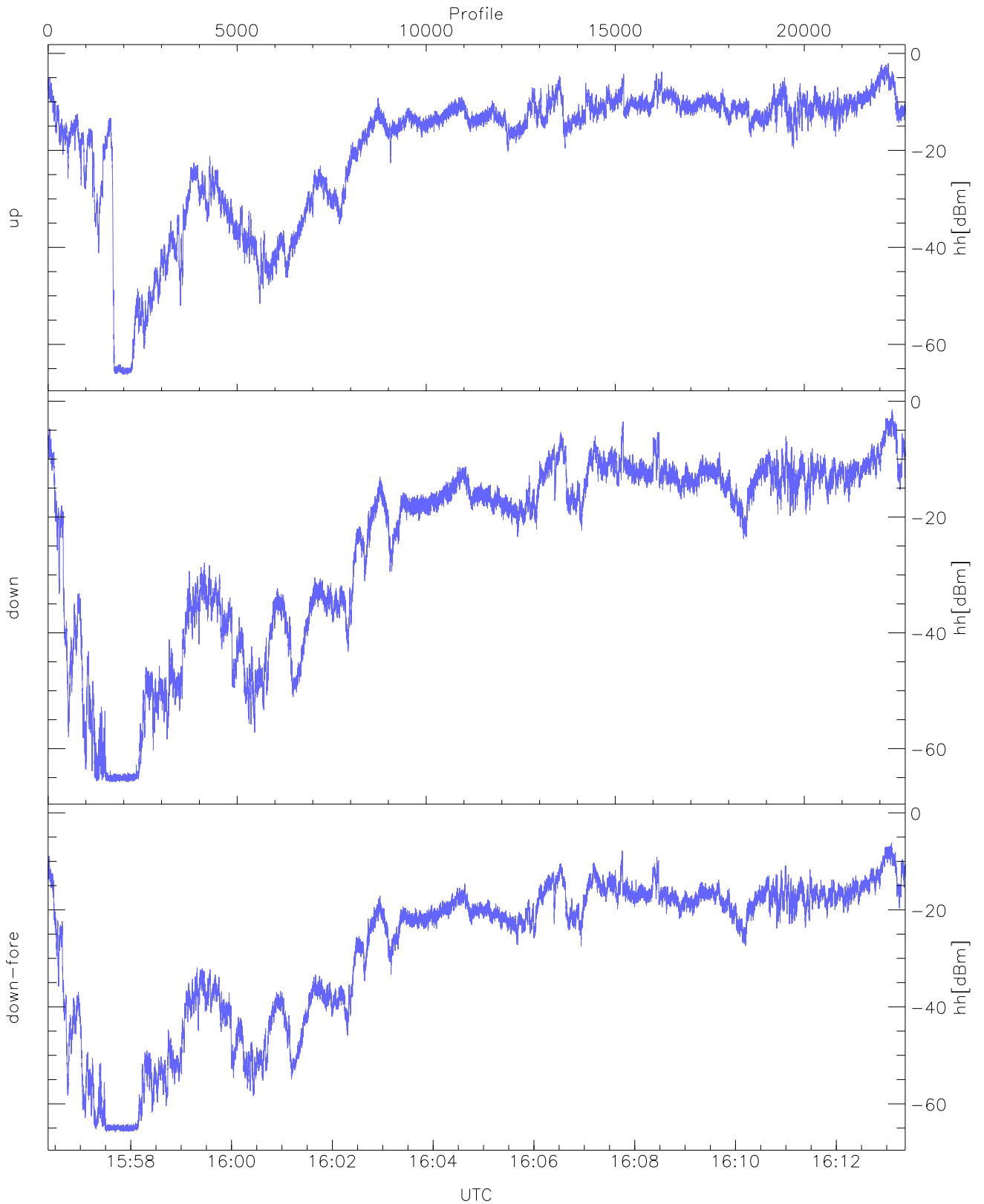
WCR3 CPP Averaged Received power for all recorded gates
blue: 155622-160452, 11337 profiles averaged
red: 160452-161322, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 155622-160452, 11337 profiles averaged
red: 160452-161322, 11336 profiles averaged

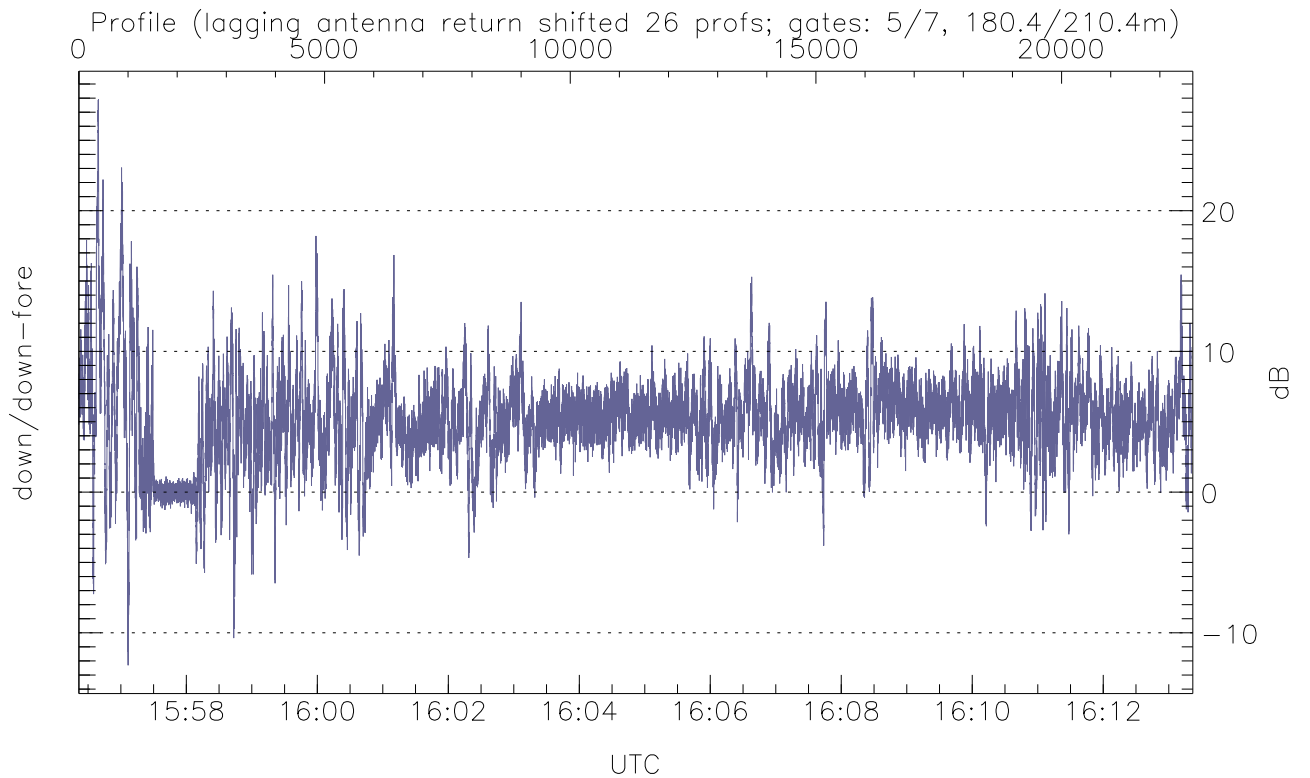
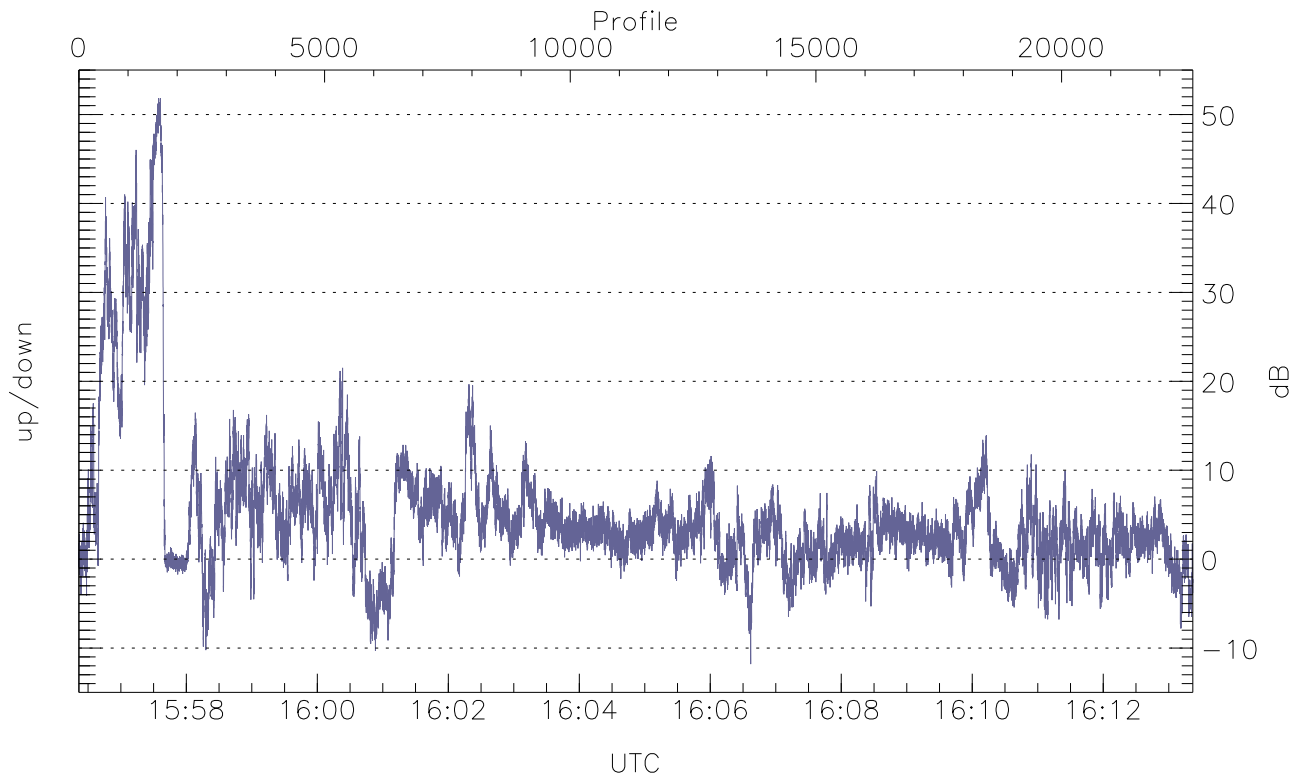


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



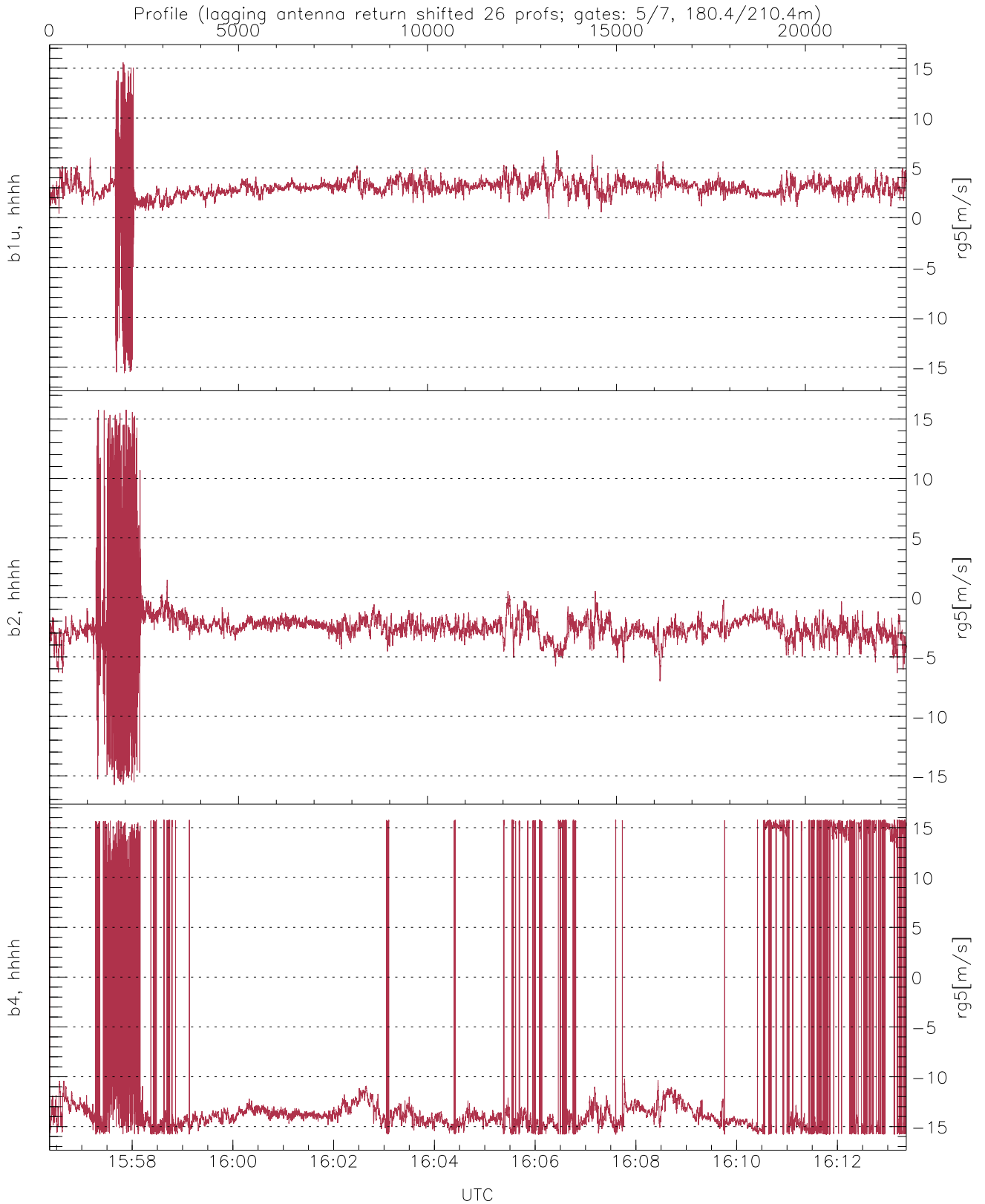
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.32	-2.03	-12.49
down(hh[dBm])	-65.80	-1.43	-14.21
down-fore(hh[dBm])	-65.86	-6.09	-18.43



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

	Min	Max	Mean
up/down (dB)	-11.80	51.83	4.98
down/down-fore (dB)	-12.31	27.90	5.24



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.60	15.59	2.96	1.36
b2, hhhh(rg5[m/s])	-15.77	15.77	-2.49	1.86
b4, hhhh(rg5[m/s])	-15.79	15.79	-10.08	9.76