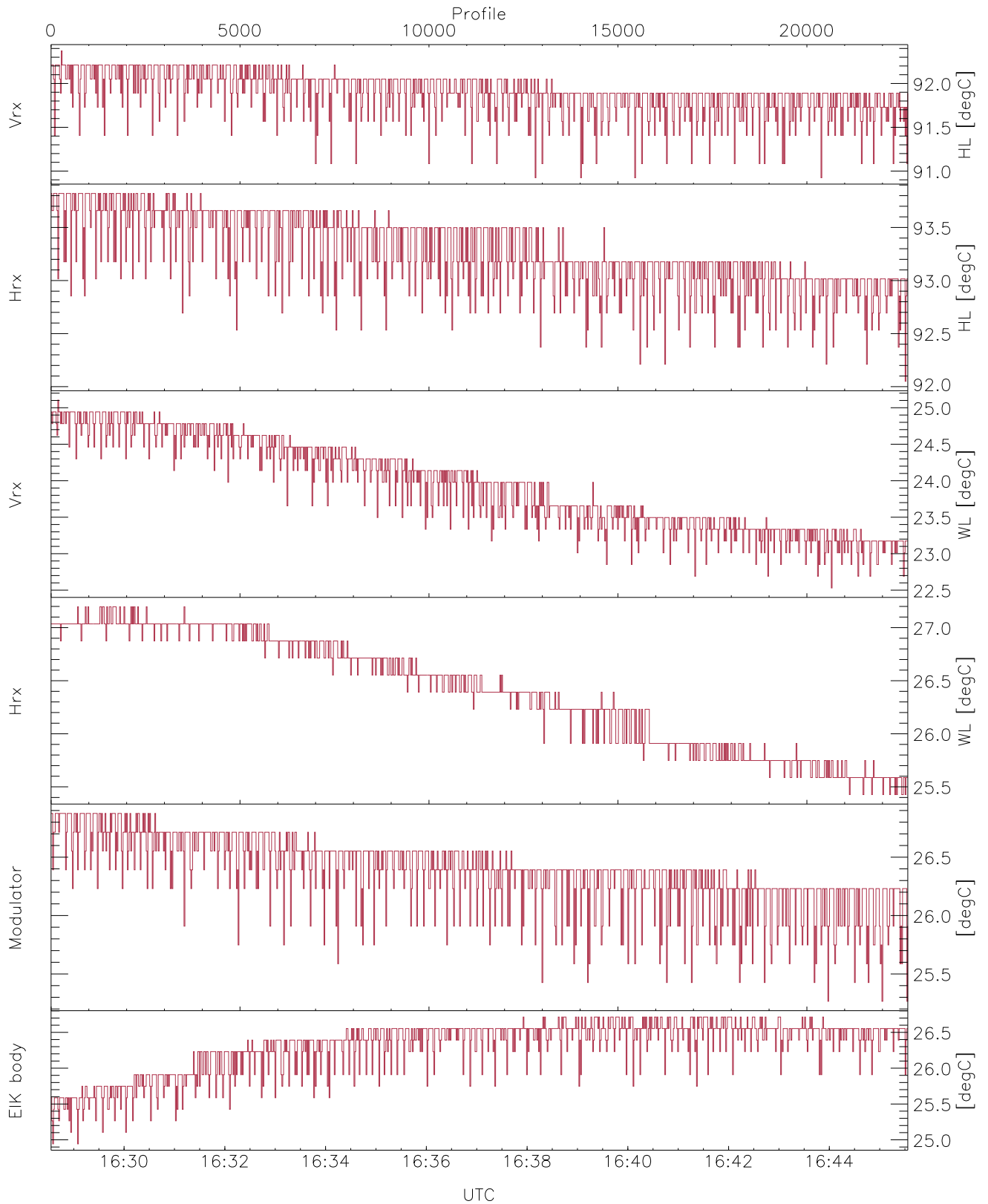


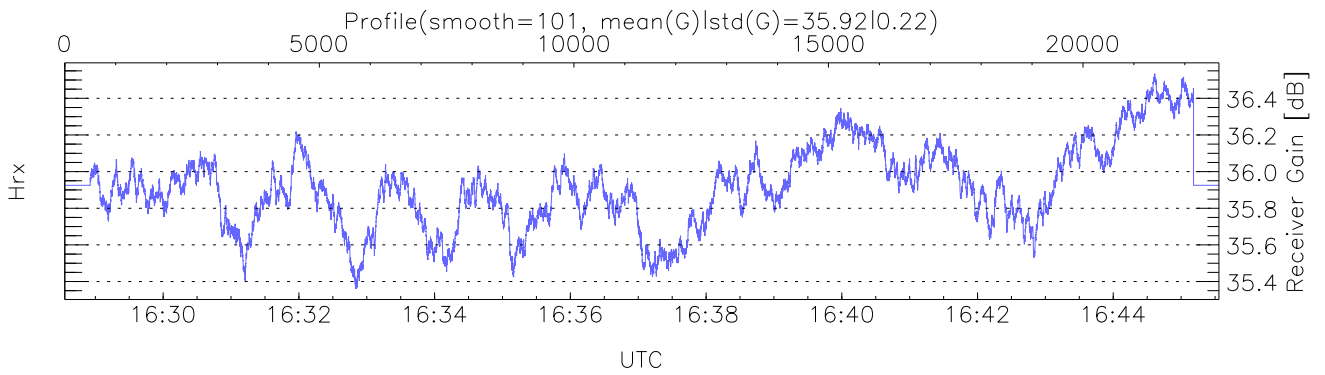
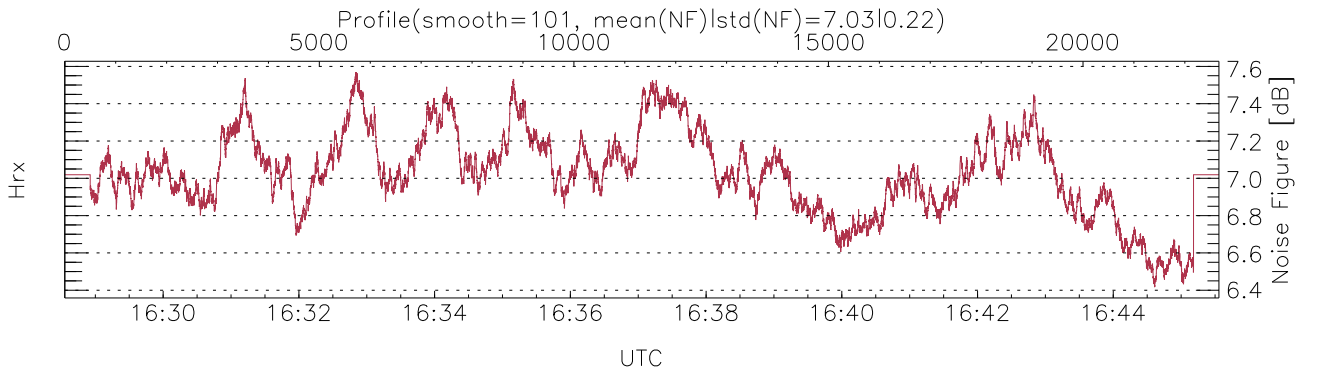
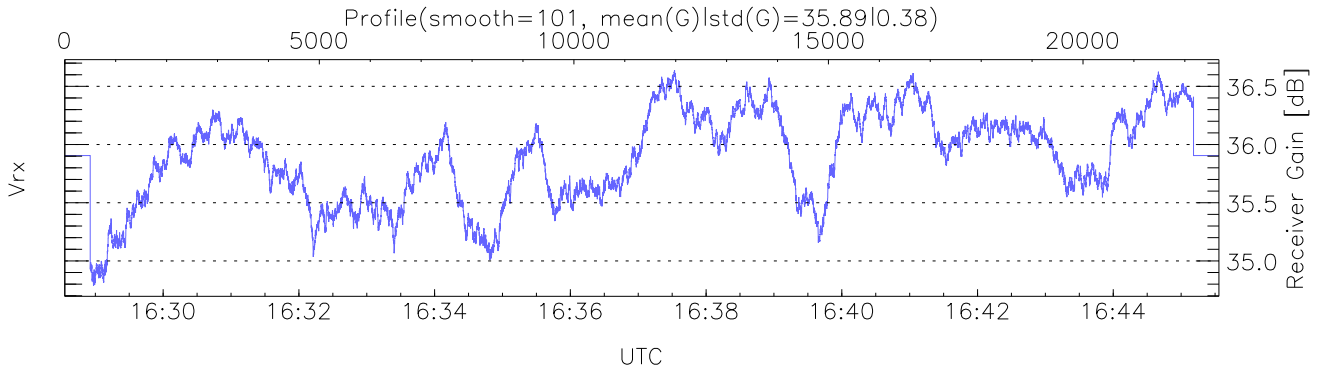
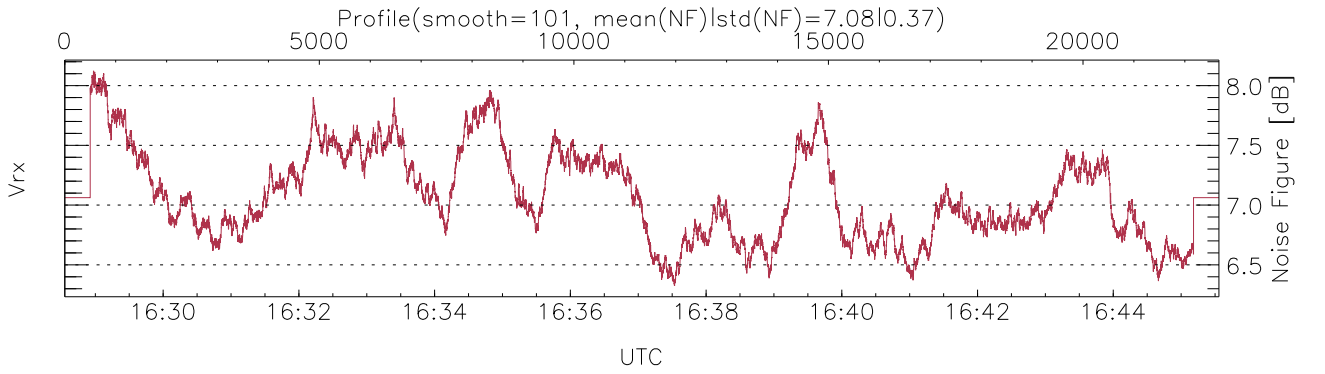
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:28:33-16:45:33, 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, 0-22671/16:28:33-16:45:33
 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



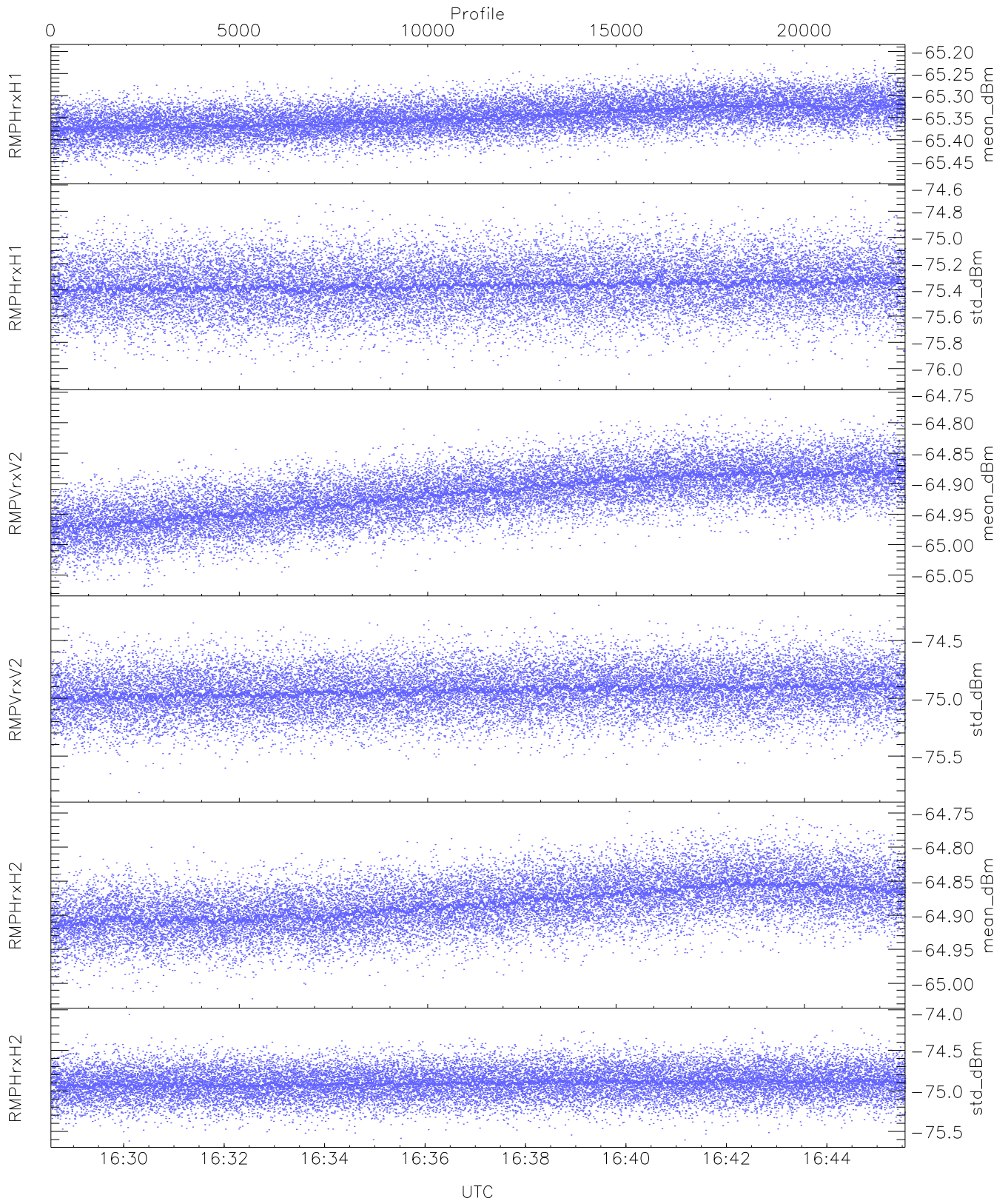
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,25,25,24
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,26,26
 LOalarm(20,240,2817,14861 MHz): None
 EIK/Modulator Faults: None



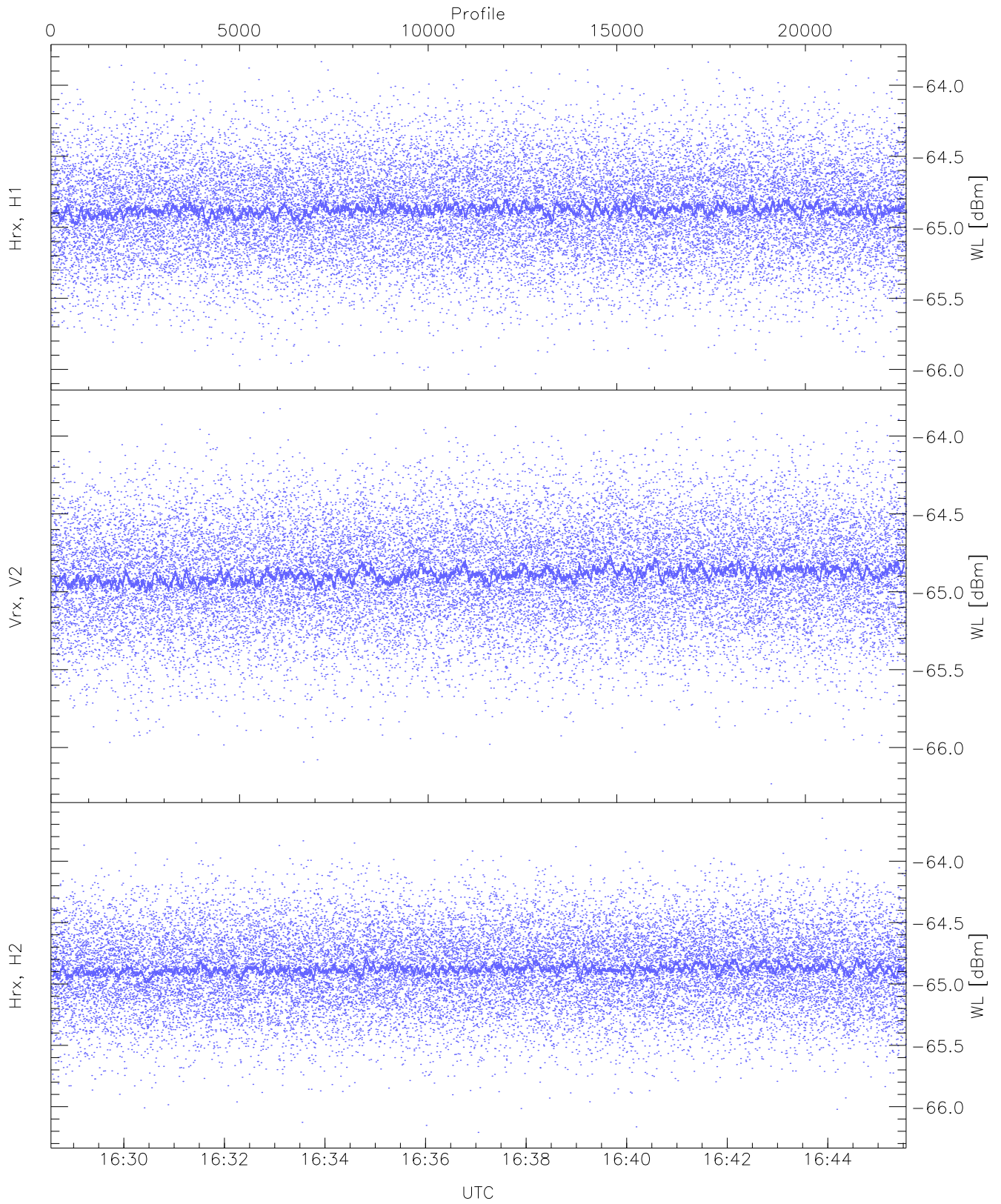
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 1 gates, 3 profs, 1 prod(s)



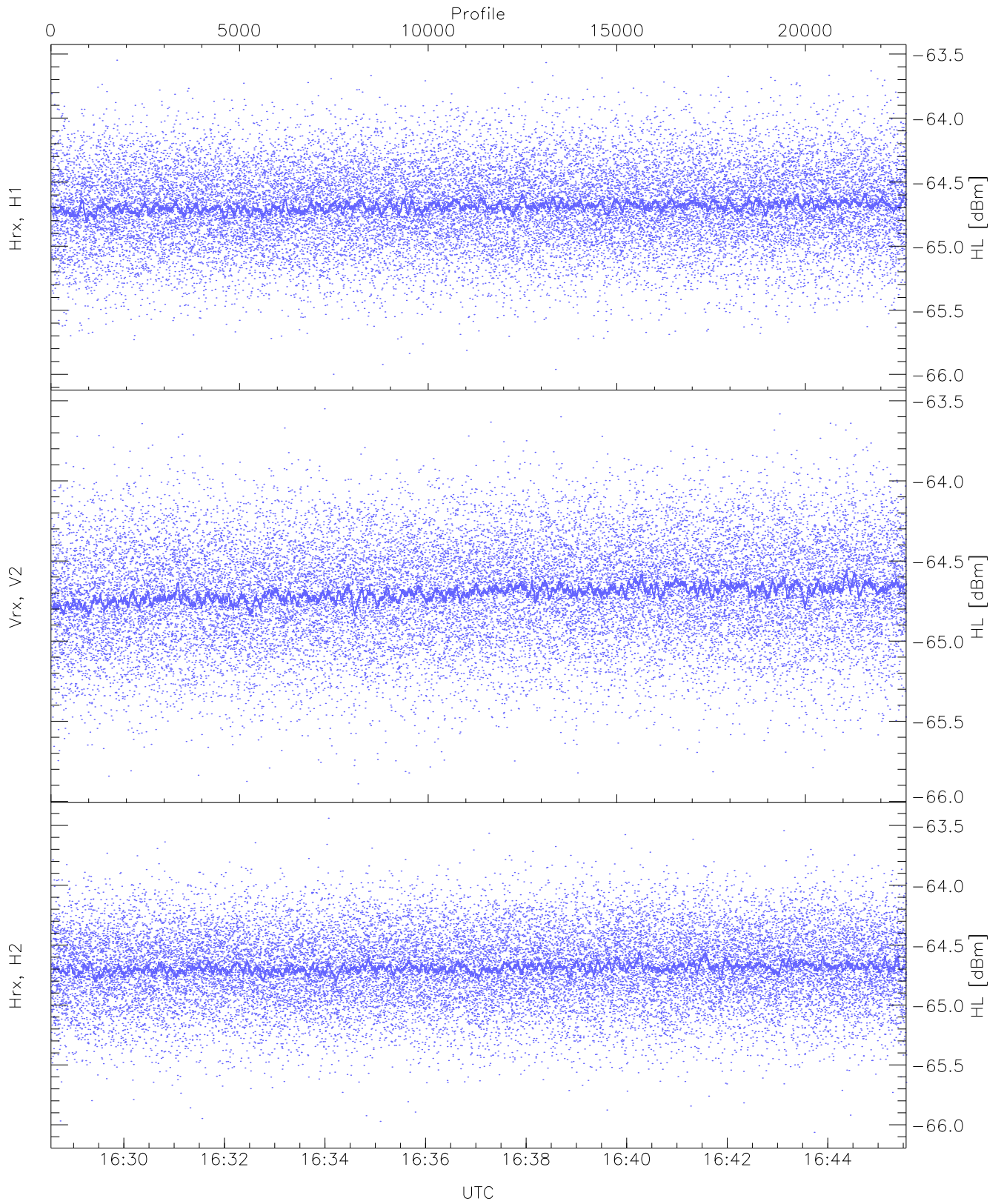
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.49	-65.20	-65.35	-65.35	-86.19
RMPHrxH1(std_dBm)	-76.09	-74.66	-75.36	-75.36	-89.13
RMPVrxV2(mean_dBm)	-65.07	-64.76	-64.92	-64.92	-84.99
RMPVrxV2(std_dBm)	-75.82	-74.20	-74.93	-74.94	-88.66
RMPHrxH2(mean_dBm)	-65.02	-64.75	-64.88	-64.88	-85.67
RMPHrxH2(std_dBm)	-75.62	-74.06	-74.90	-74.90	-88.66



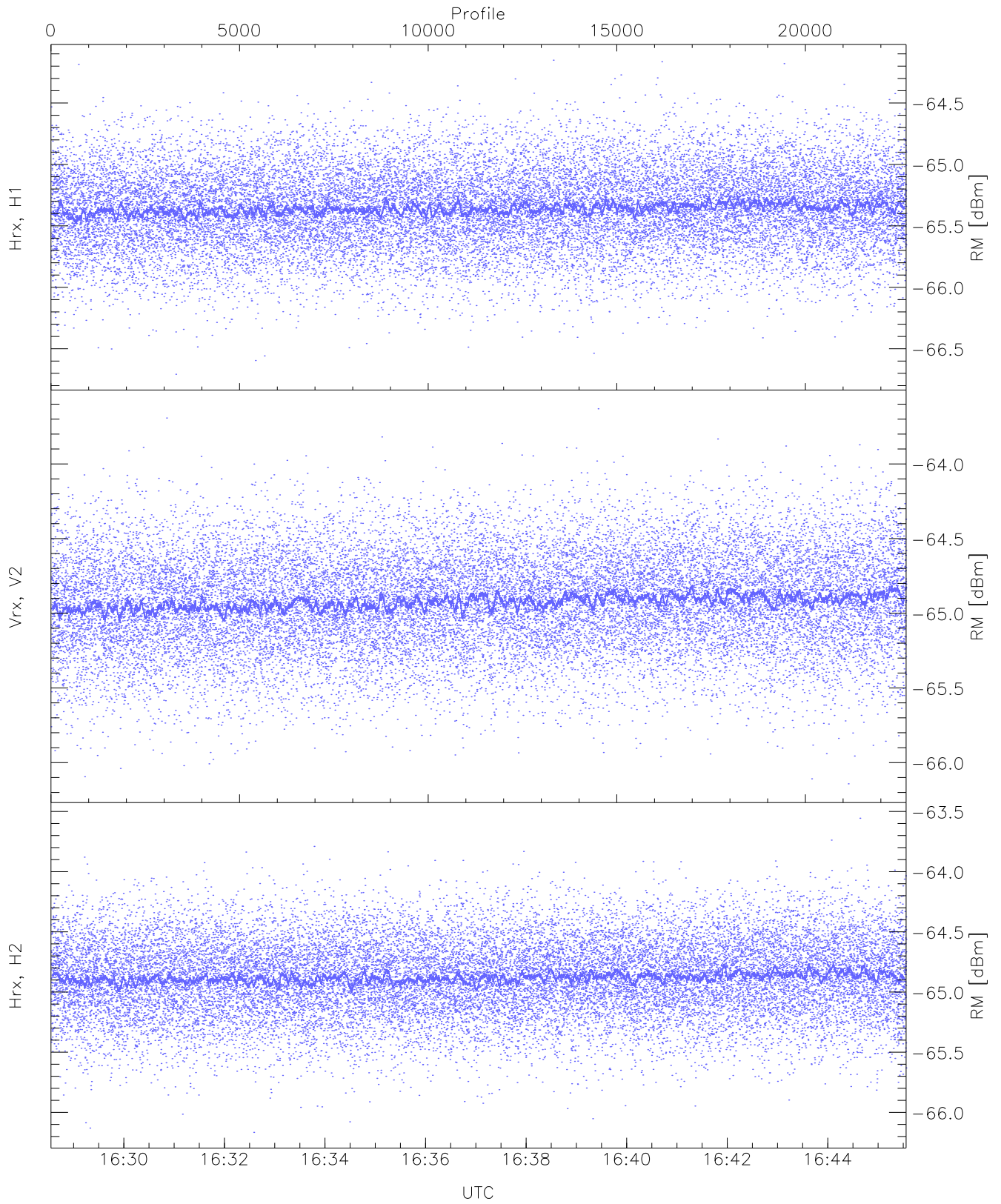
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.03	-63.82	-64.87	-64.88	-76.36
Vrx, V2 (WL [dBm])	-66.23	-63.82	-64.88	-64.89	-76.38
Hrx, H2 (WL [dBm])	-66.21	-63.65	-64.87	-64.88	-76.38



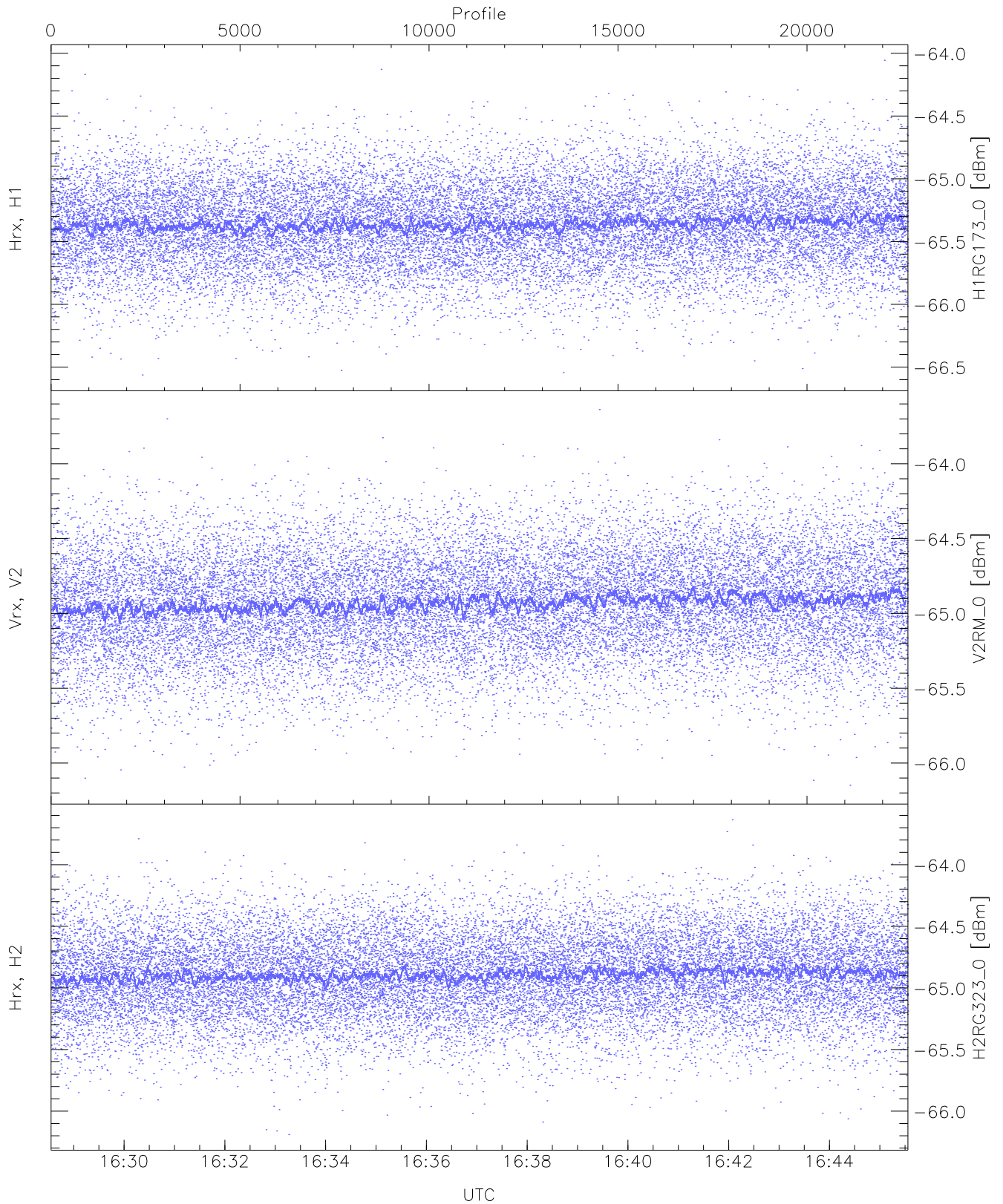
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.00	-63.55	-64.68	-64.69	-76.15
Vrx, V2 (HL [dBm])	-65.89	-63.55	-64.69	-64.70	-76.15
Hrx, H2 (HL [dBm])	-66.06	-63.44	-64.68	-64.69	-76.14



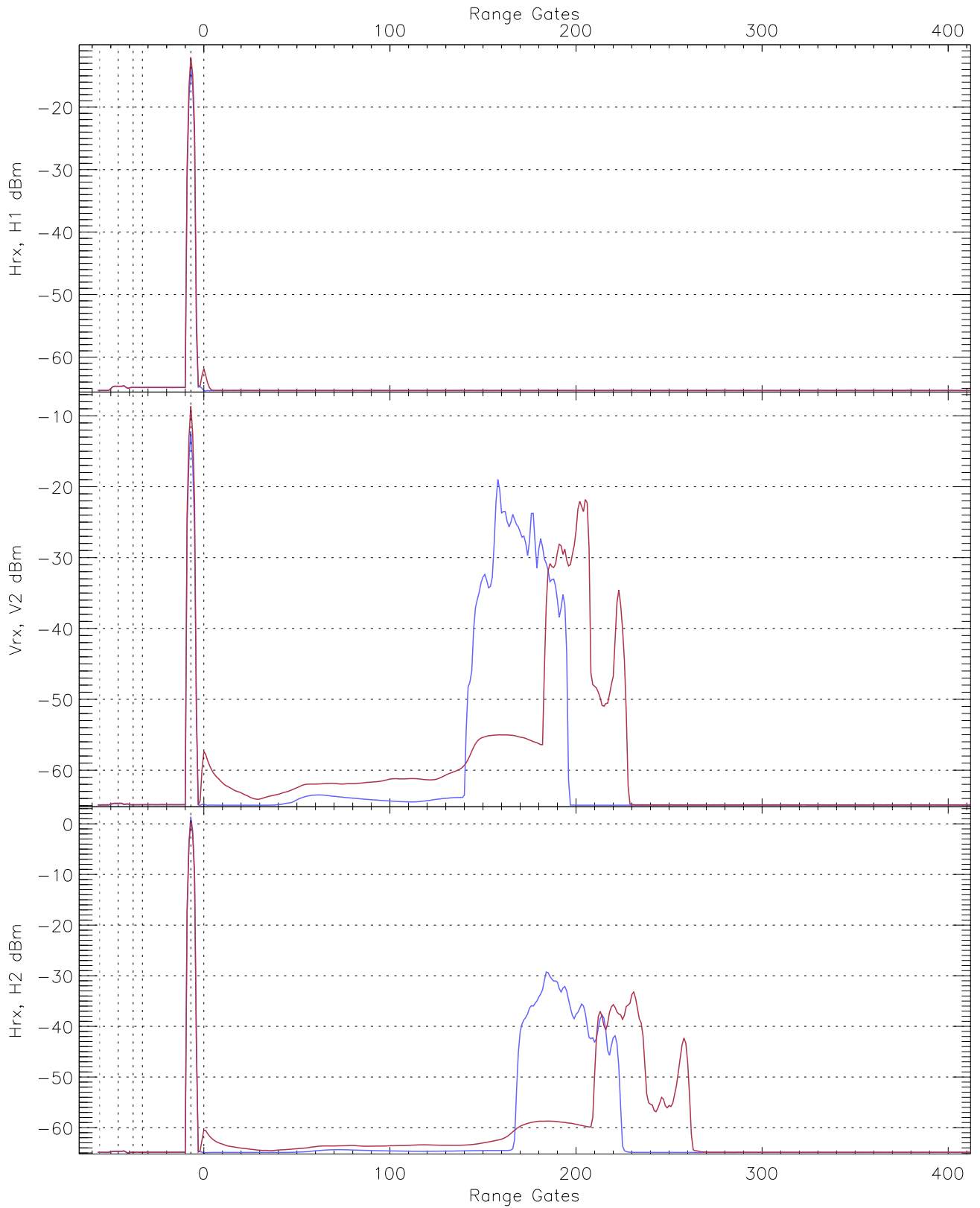
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.71	-64.15	-65.35	-65.36	-76.83
Vrx, V2 (RM [dBm])	-66.14	-63.63	-64.92	-64.92	-76.41
Hrx, H2 (RM [dBm])	-66.17	-63.56	-64.87	-64.88	-76.38

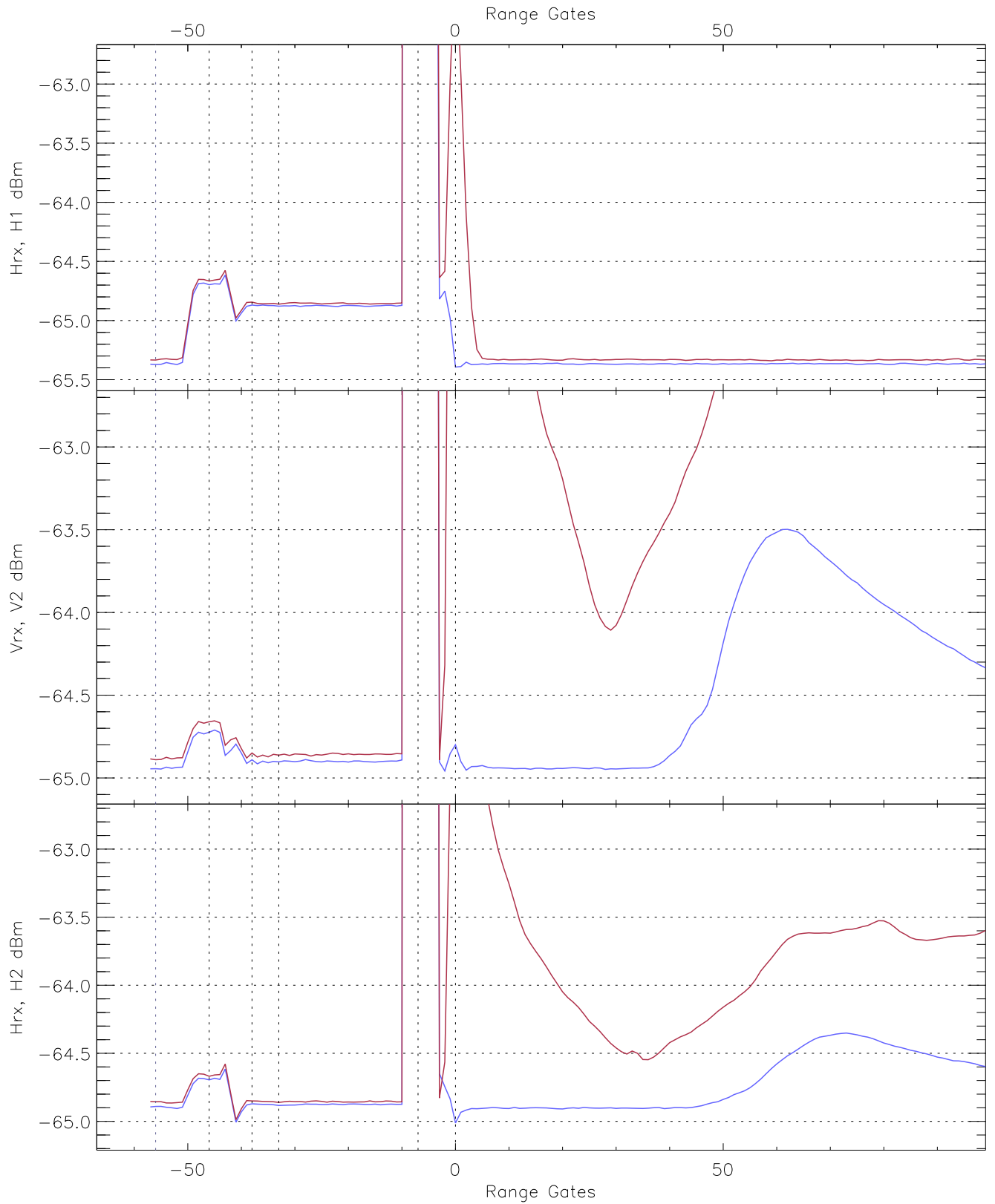


WCR3 CPP "Best" estimate Receivers Noise Power

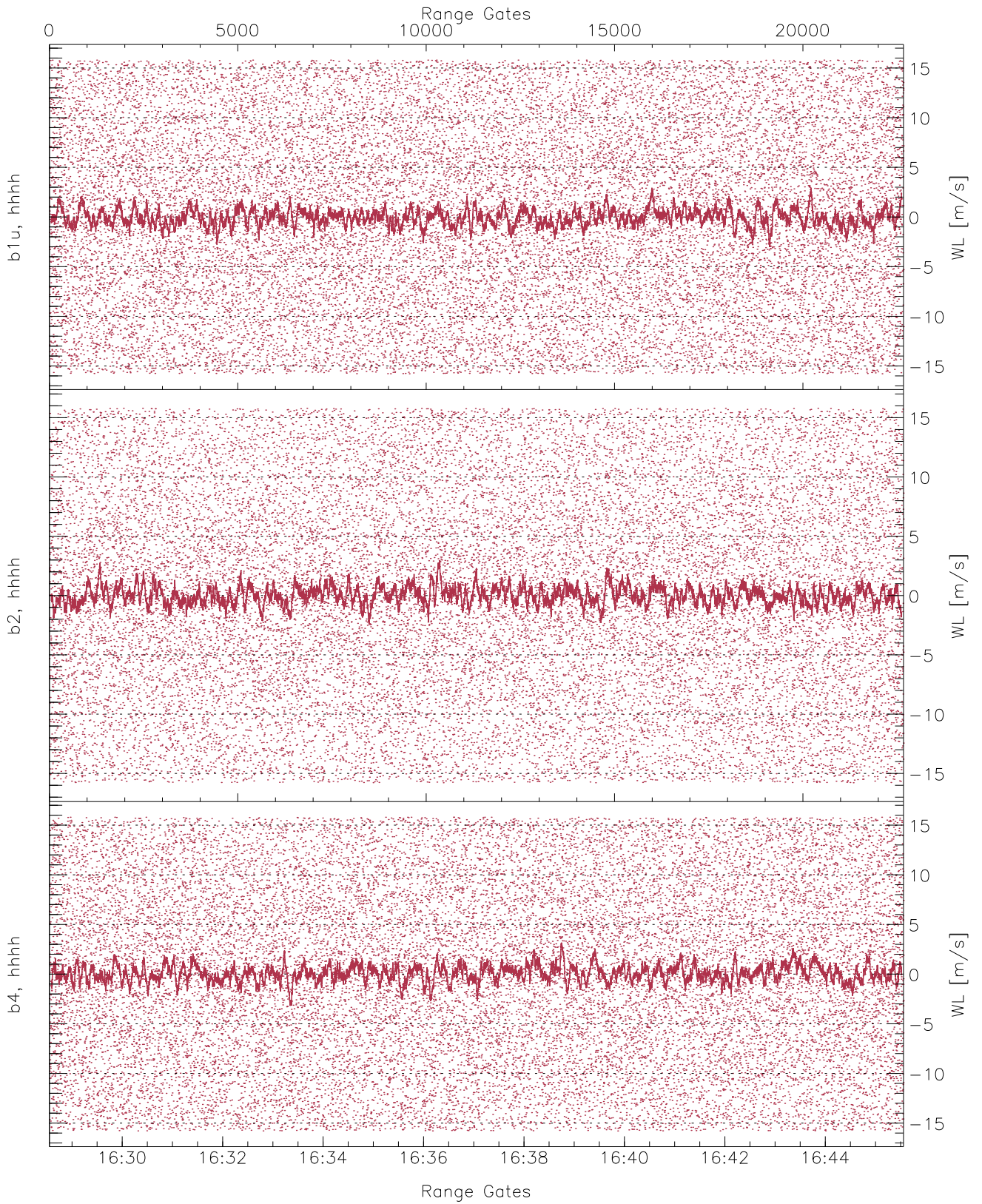
	Min	Max	Mean	Median	StDev
H1RG173_0 [dBm]	-66.56	-64.06	-65.35	-65.36	-76.85
V2RM_0 [dBm]	-66.15	-63.64	-64.92	-64.93	-76.41
H2RG323_0 [dBm]	-66.19	-63.64	-64.89	-64.89	-76.40



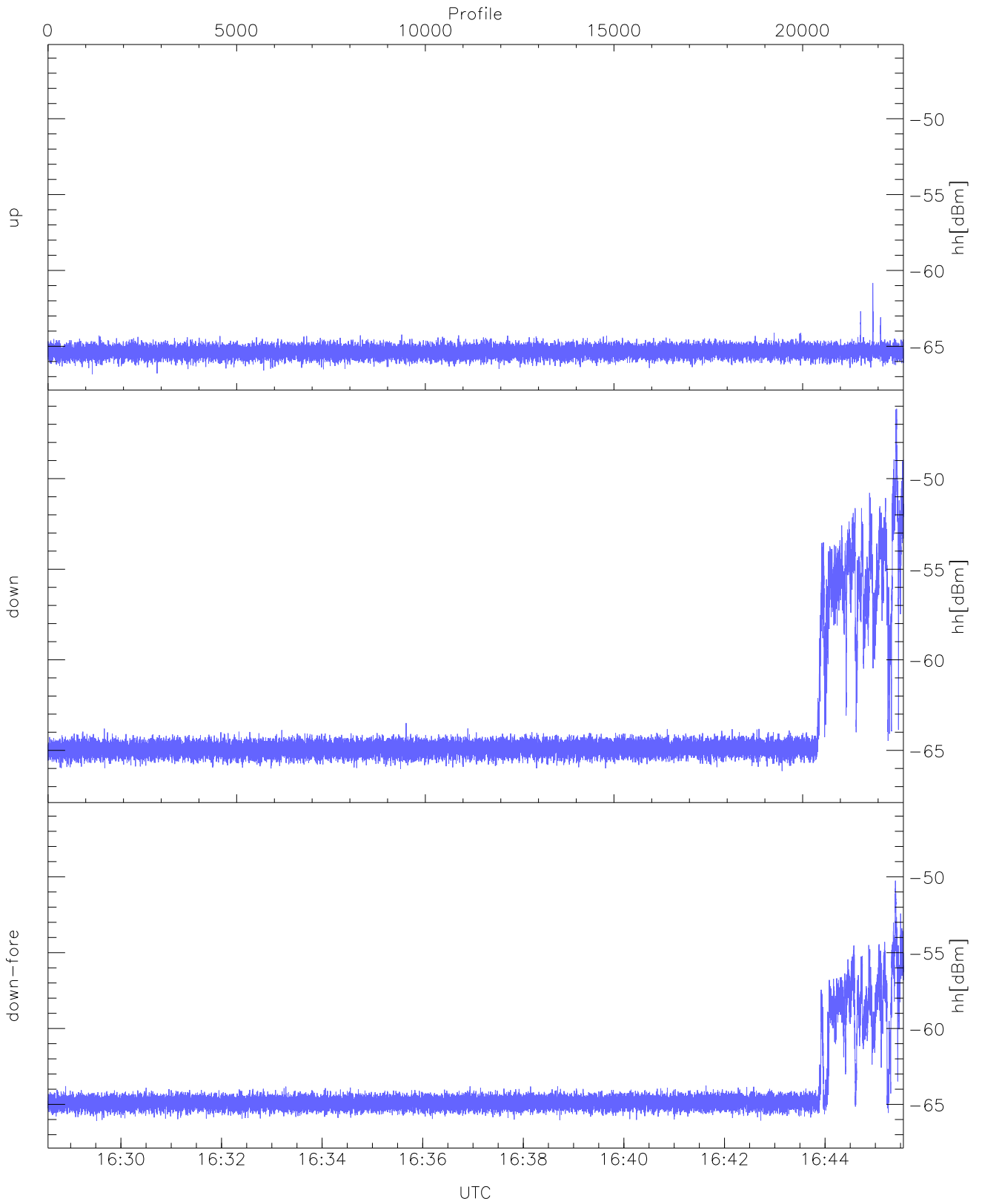
WCR3 CPP Averaged Received power for all recorded gates
blue: 162833-163703, 11337 profiles averaged
red: 163703-164533, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 162833-163703, 11337 profiles averaged
red: 163703-164533, 11336 profiles averaged

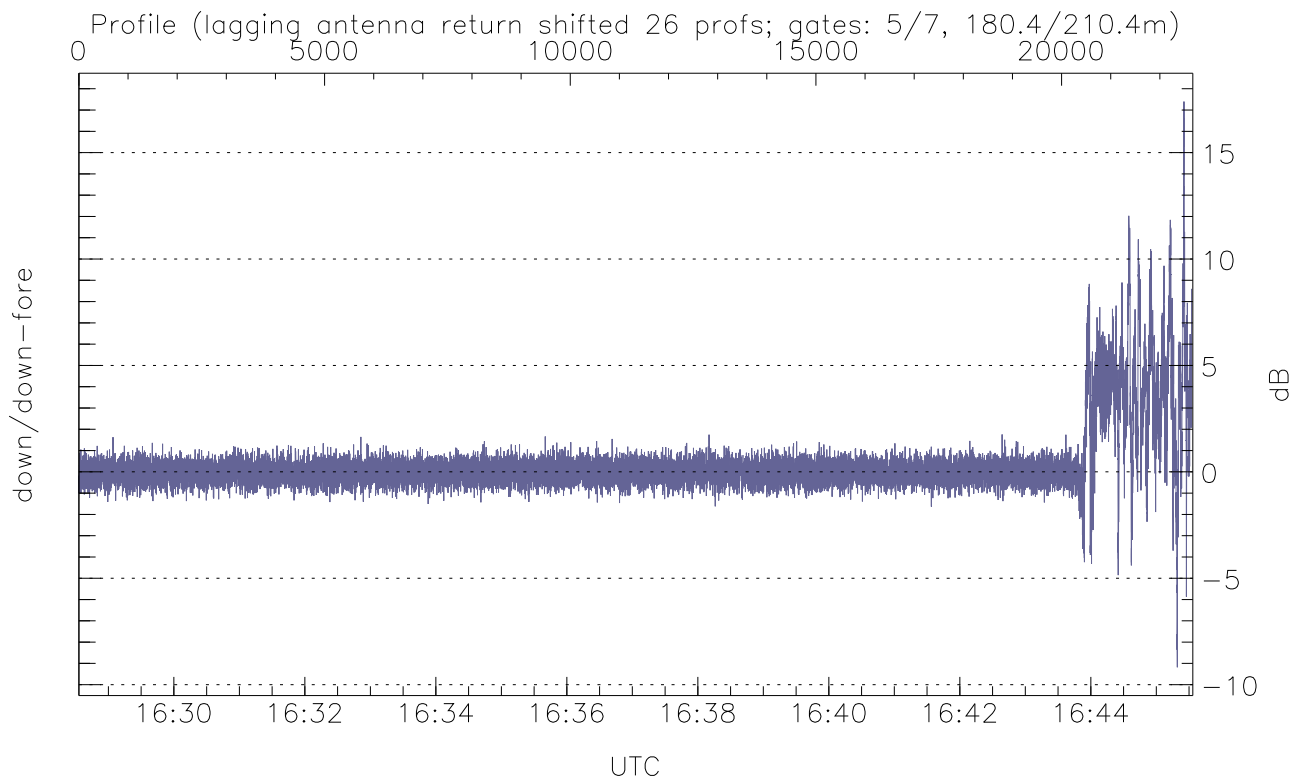
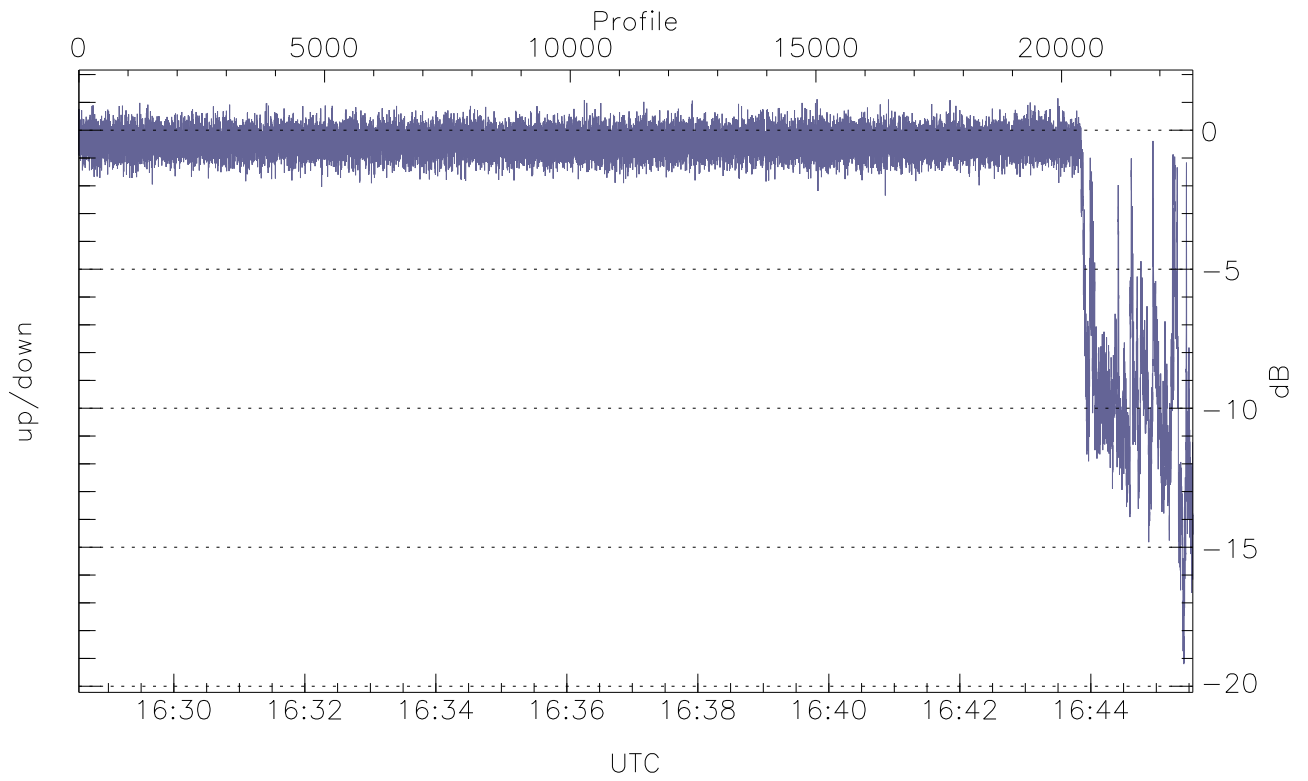


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



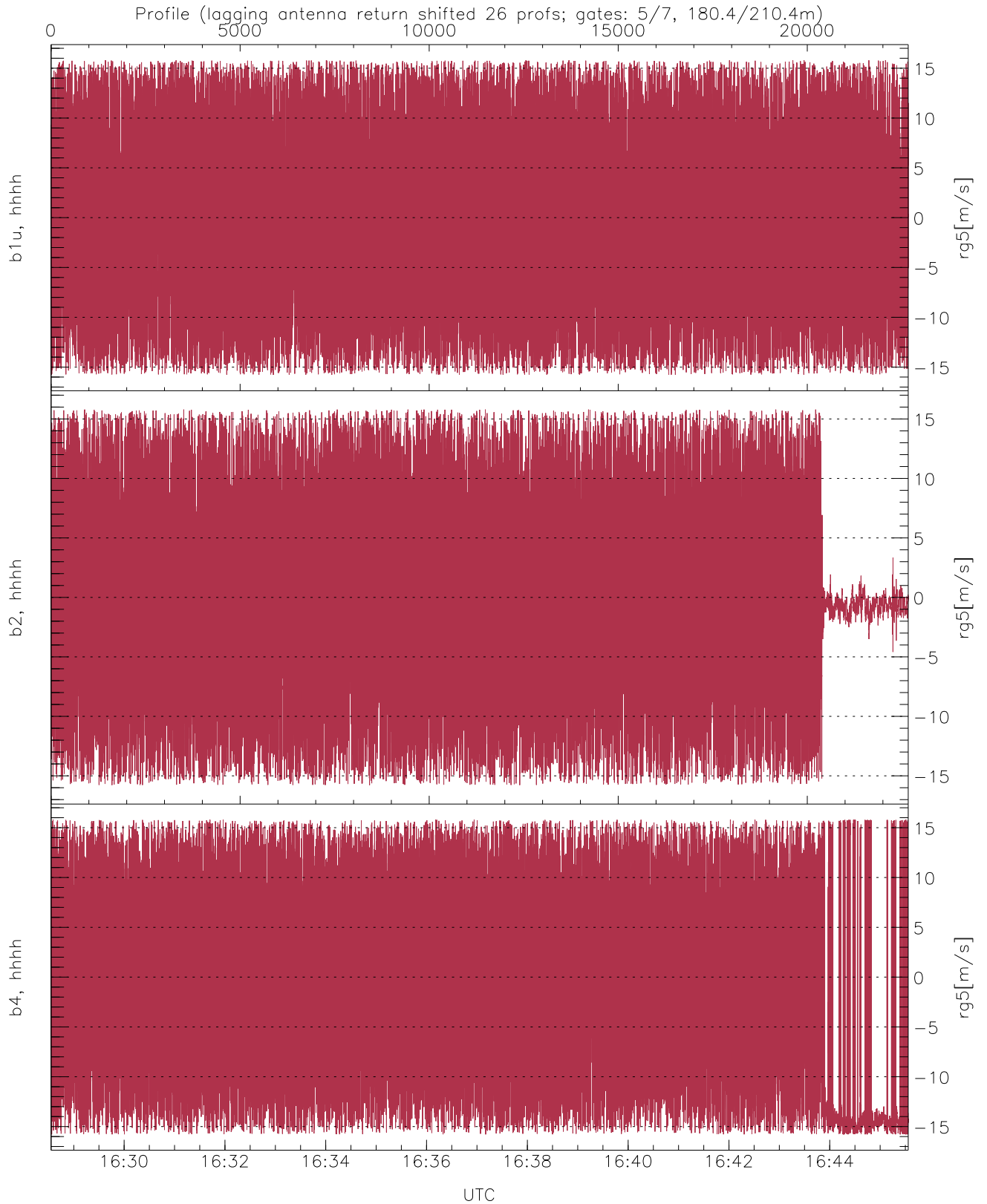
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.85	-60.83	-65.34
down(hh[dBm])	-66.14	-46.14	-62.04
down-fore(hh[dBm])	-66.08	-50.26	-63.45



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

	Min	Max	Mean
up/down (dB)	-19.20	1.15	-1.36
down/down-fore (dB)	-9.18	17.40	0.34



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.09	8.69
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.06	7.94
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.97	9.47