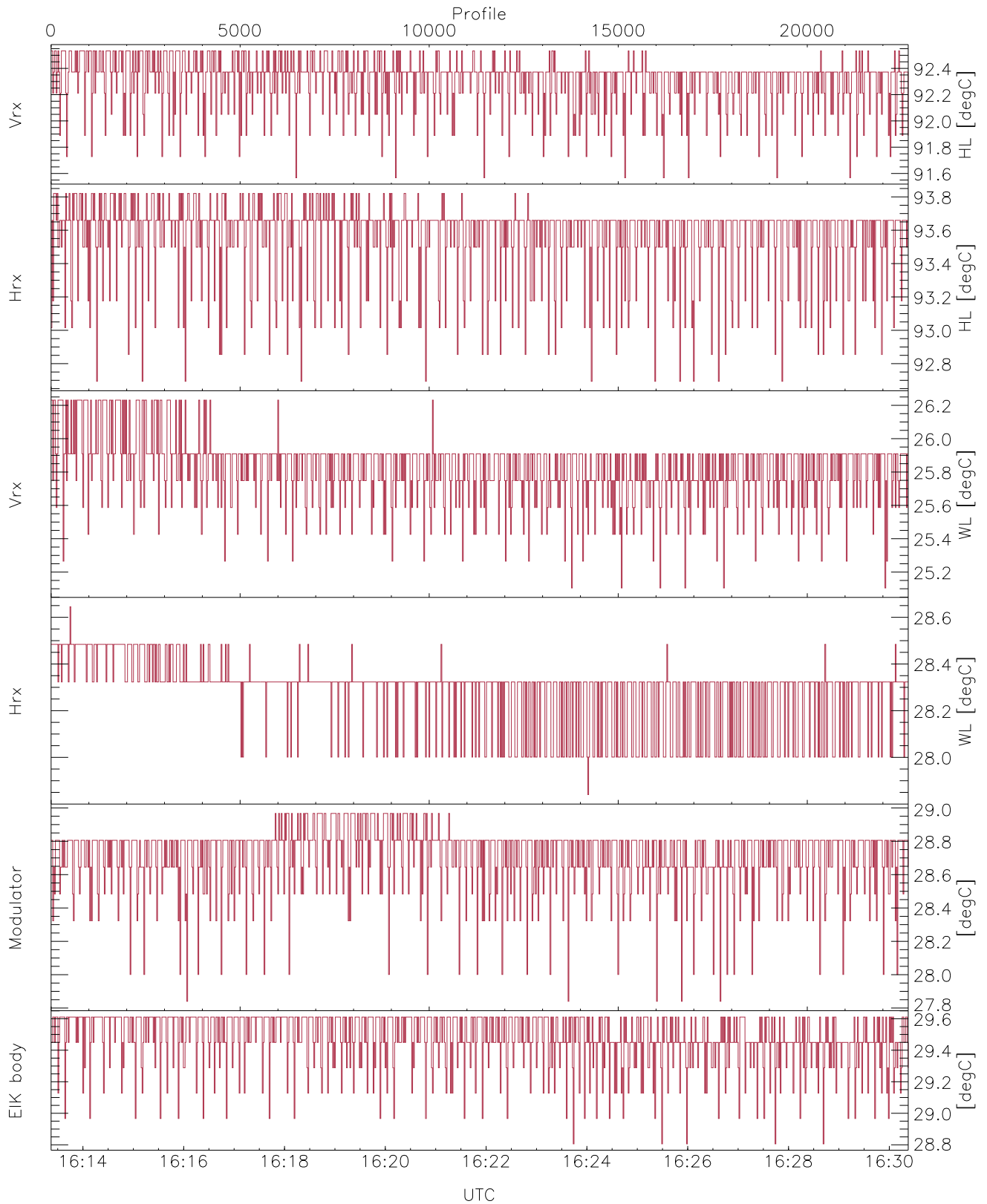


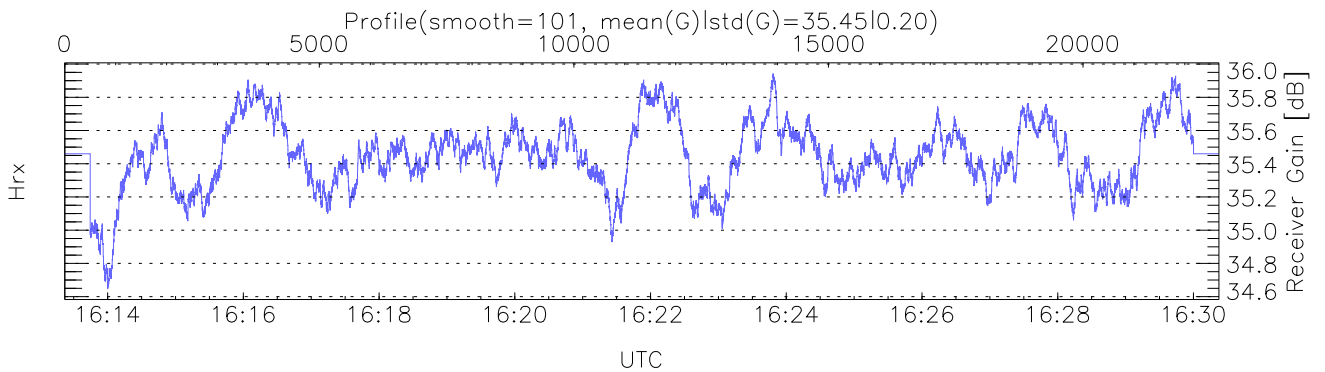
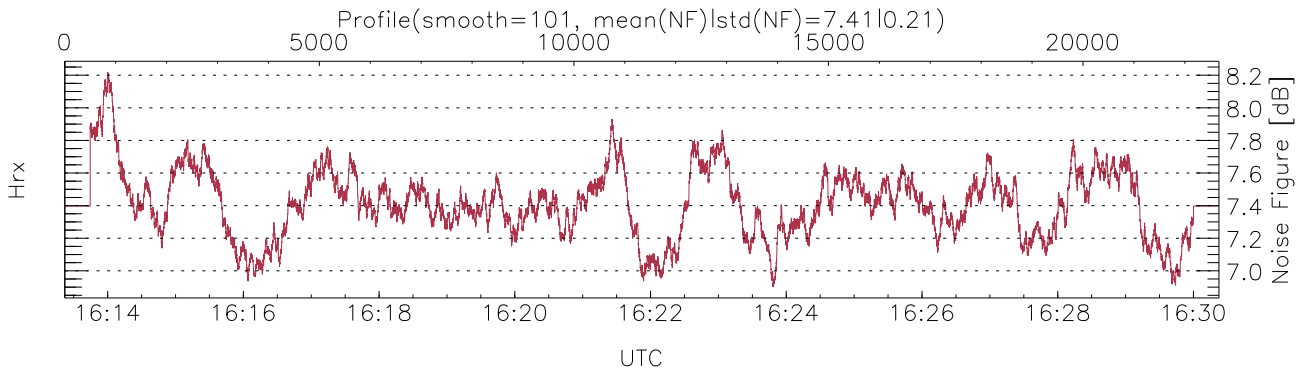
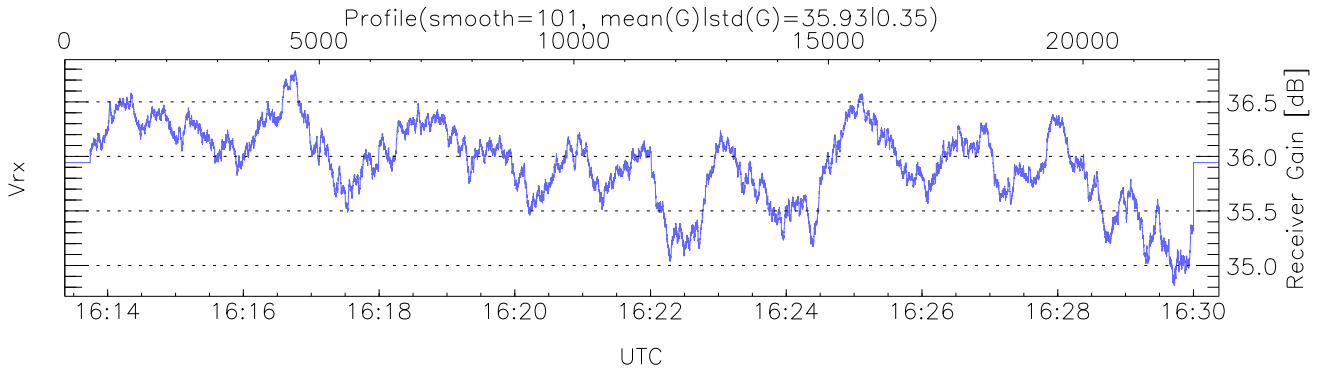
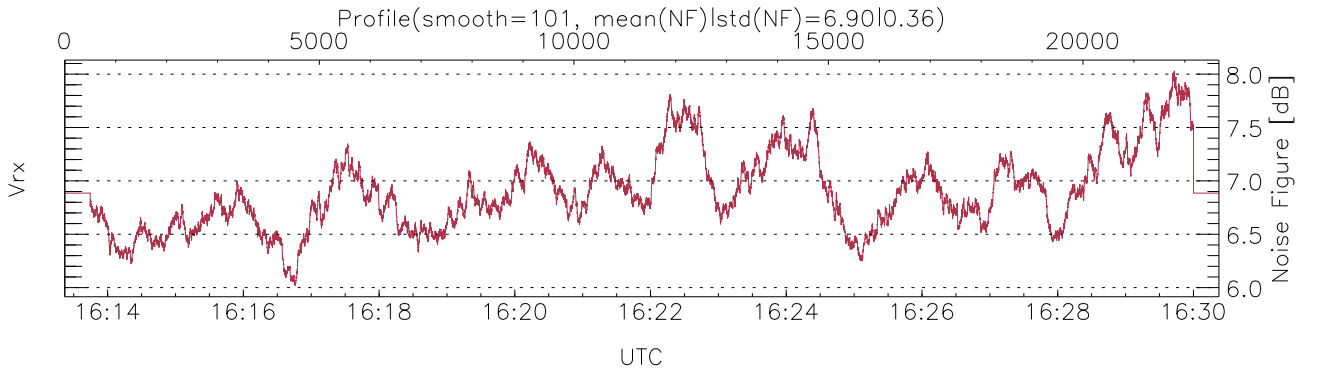
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:13:22-16:30:23, 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, 0-22671/16:13:22-16:30:23
 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



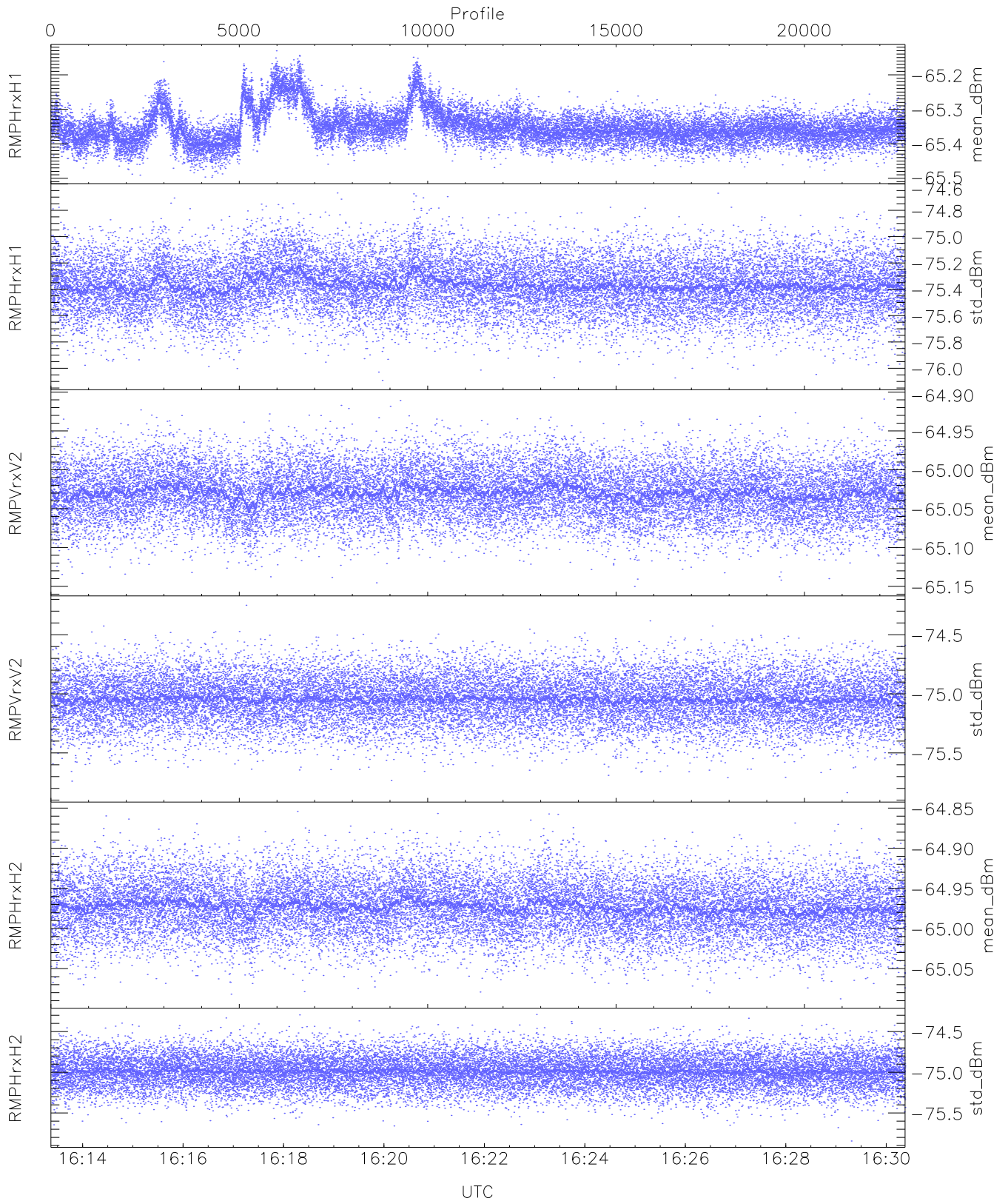
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,28,29
LOalarm(20,240,2817,14861 MHz): 0,0,44,0
EIK/Modulator Faults: None



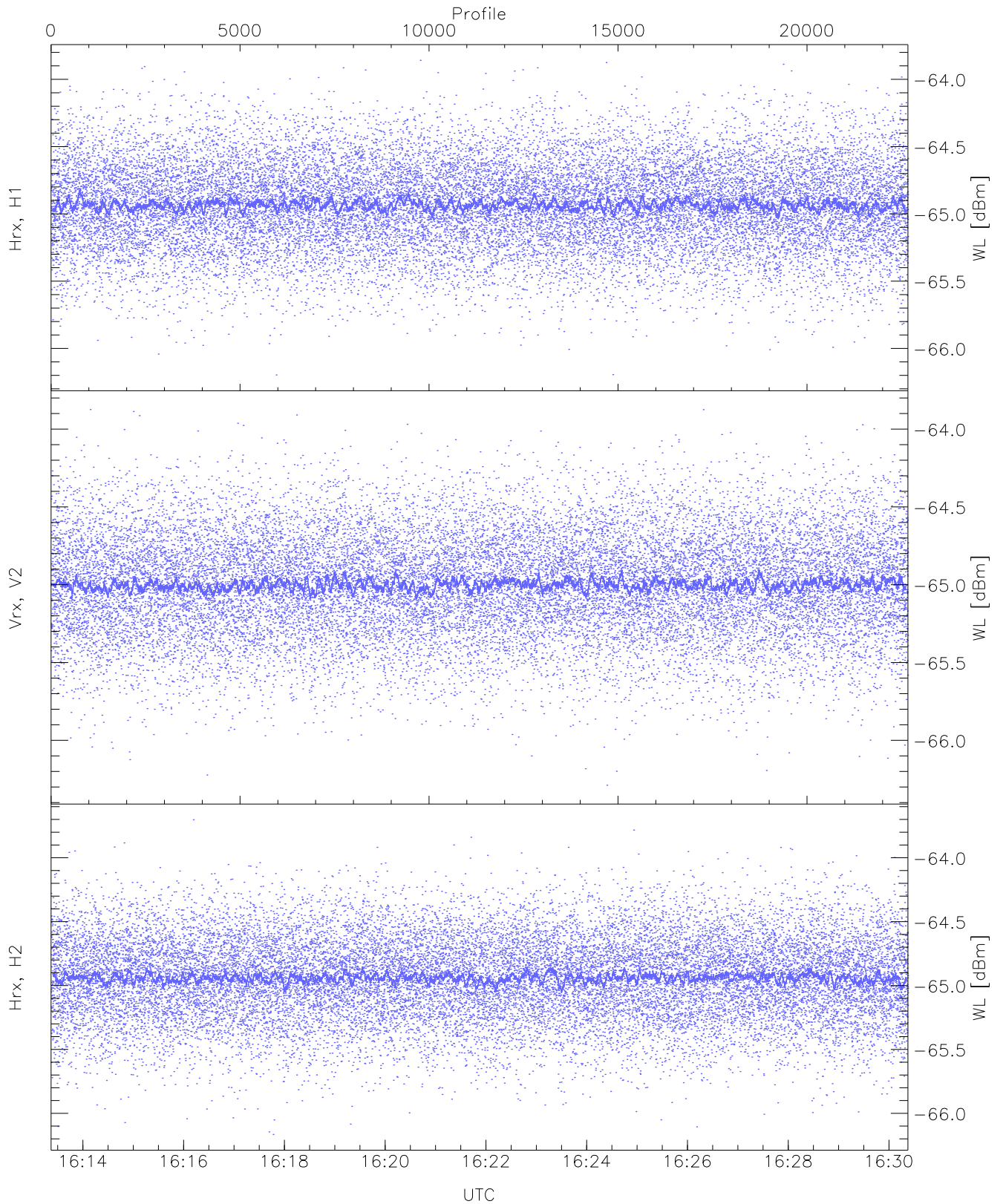
WCR3 CPP Receivers Gain and Noise Figure

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



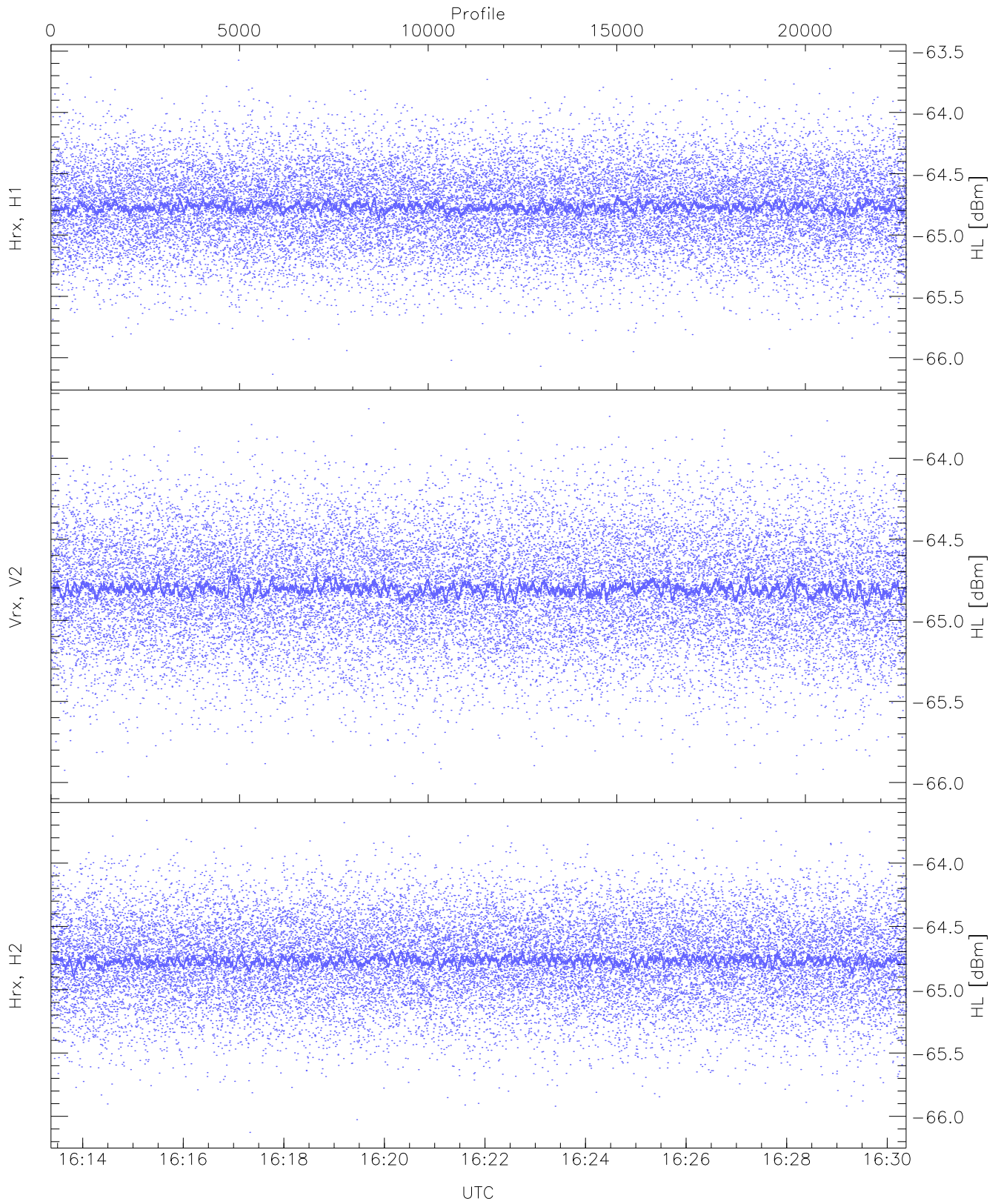
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.13	-65.35	-65.36	-84.84
RMPHrxH1(std_dBm)	-76.09	-74.67	-75.37	-75.37	-89.11
RMPVrxV2(mean_dBm)	-65.15	-64.91	-65.03	-65.03	-86.56
RMPVrxV2(std_dBm)	-75.84	-74.25	-75.05	-75.05	-88.85
RMPHrxH2(mean_dBm)	-65.09	-64.85	-64.97	-64.97	-86.51
RMPHrxH2(std_dBm)	-75.84	-74.29	-74.99	-74.99	-88.80



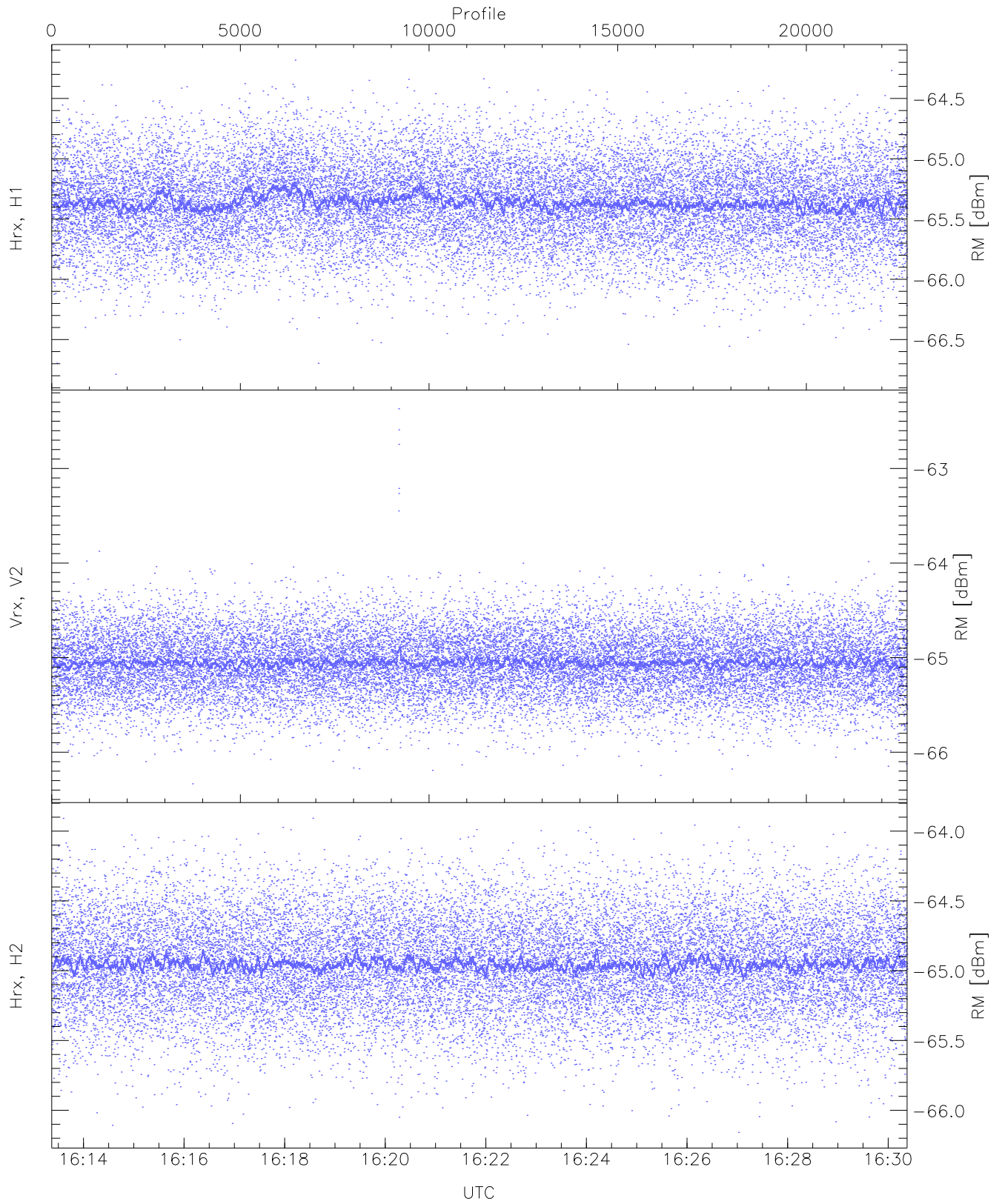
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.20	-63.86	-64.93	-64.93	-76.44
Vrx, V2 (WL [dBm])	-66.29	-63.87	-64.99	-65.00	-76.45
Hrx, H2 (WL [dBm])	-66.17	-63.70	-64.93	-64.94	-76.44



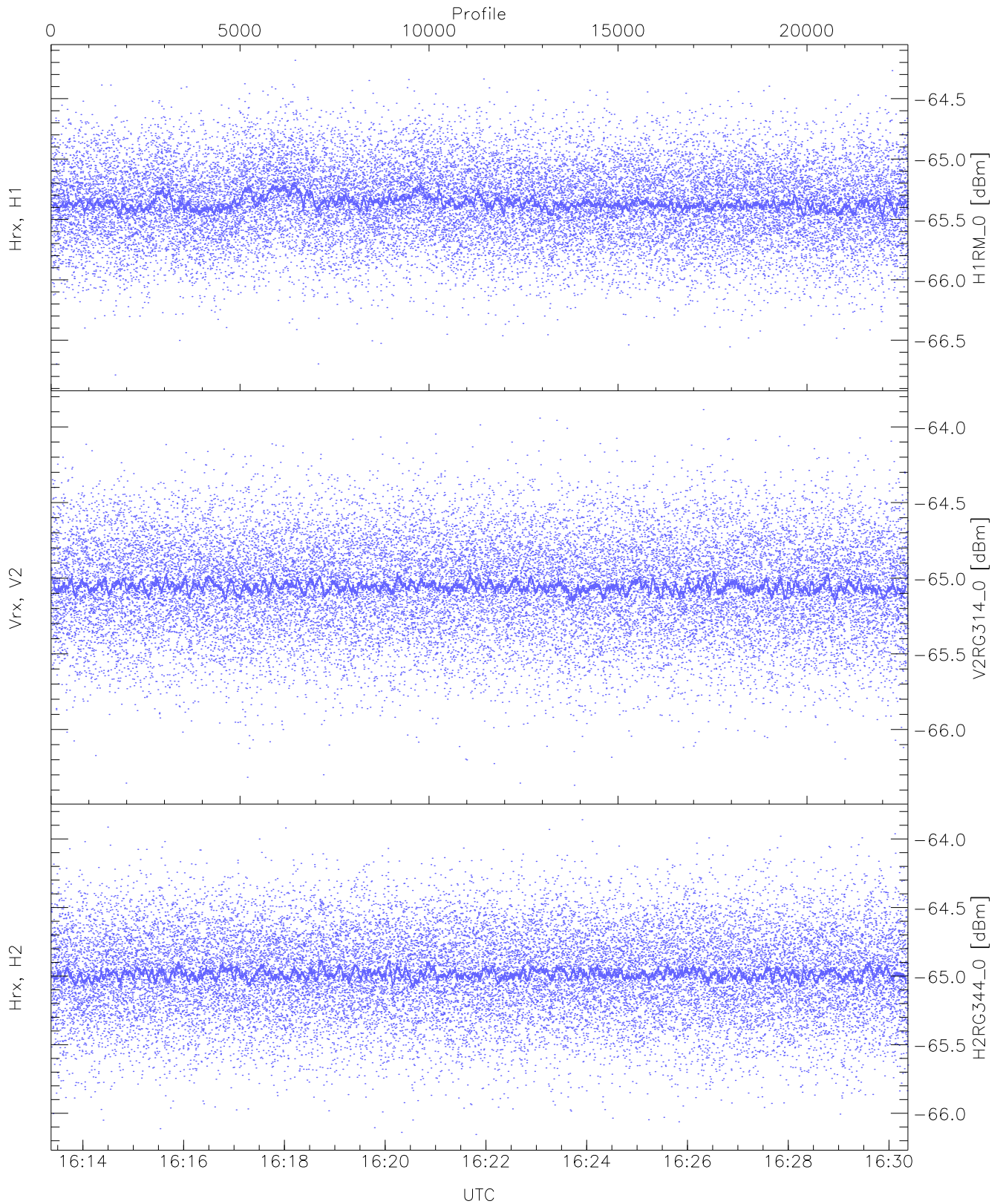
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.14	-63.57	-64.76	-64.77	-76.29
Vrx, V2 (HL [dBm])	-66.01	-63.69	-64.80	-64.81	-76.32
Hrx, H2 (HL [dBm])	-66.13	-63.65	-64.76	-64.77	-76.23



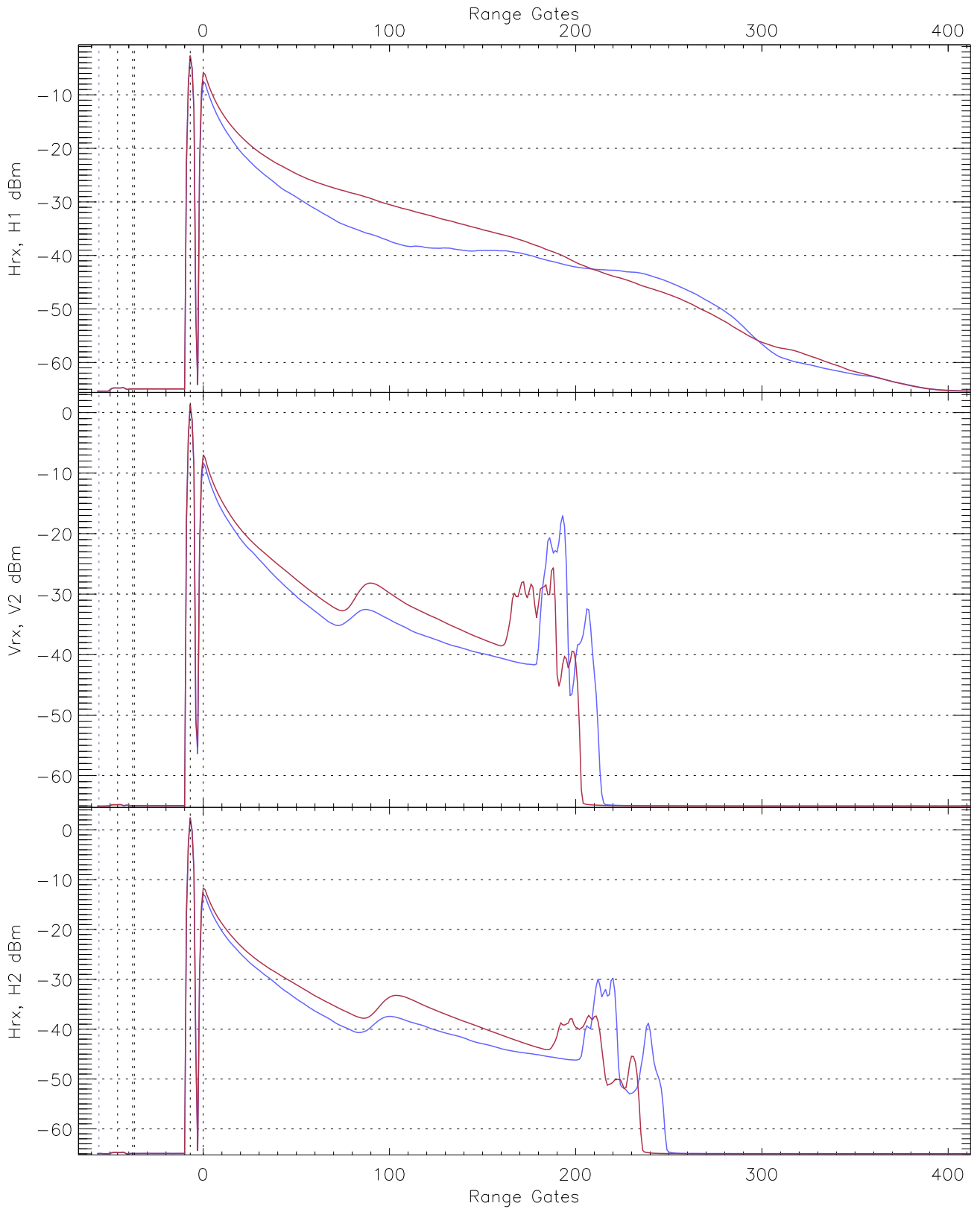
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.79	-64.18	-65.36	-65.36	-76.81
Vrx, V2 (RM [dBm])	-66.33	-62.37	-65.05	-65.06	-76.50
Hrx, H2 (RM [dBm])	-66.16	-63.91	-64.95	-64.96	-76.48

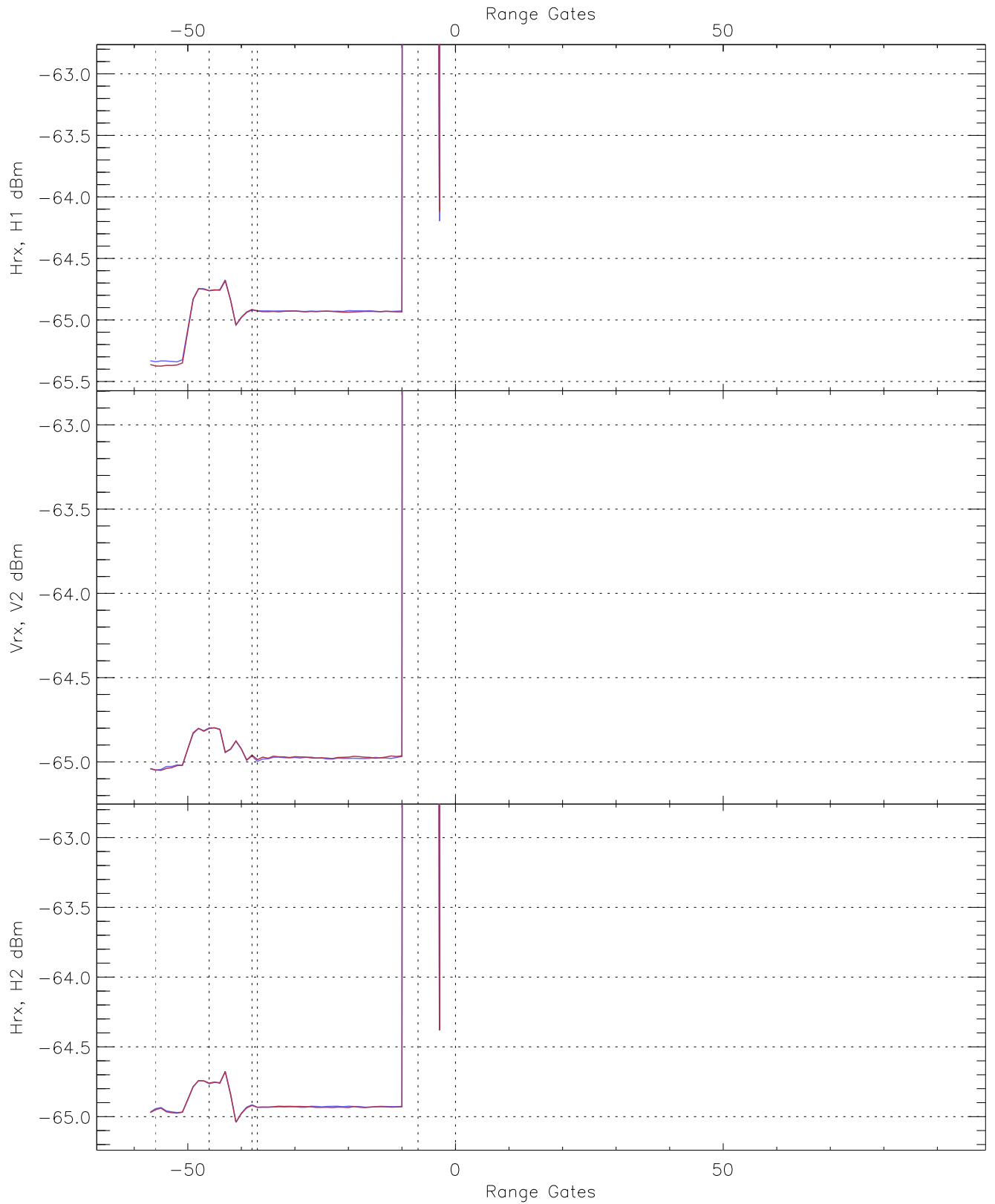


WCR3 CPP "Best" estimate Receivers Noise Power

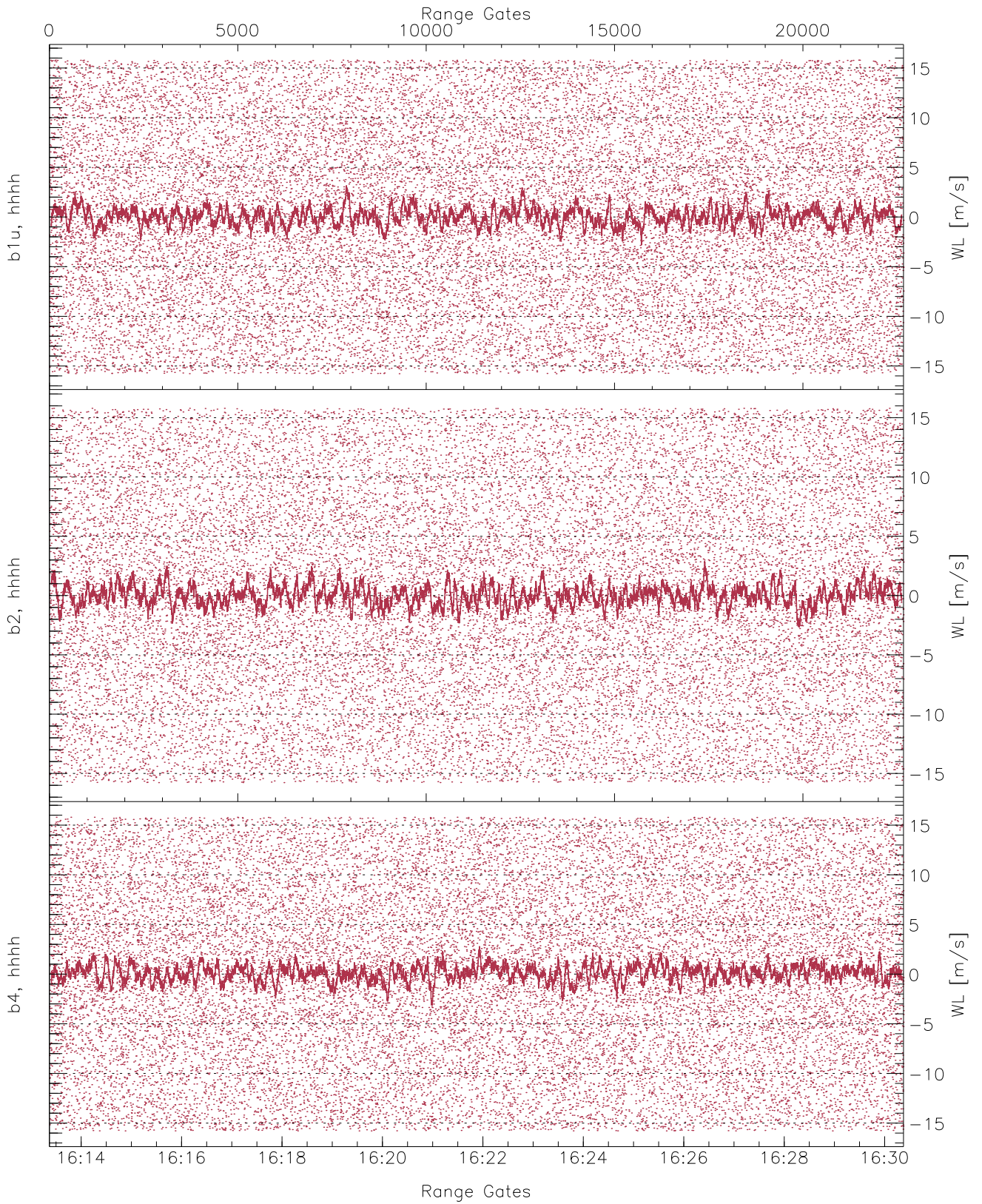
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.79	-64.18	-65.36	-65.36	-76.81
V2RG314_0 [dBm]	-66.37	-63.88	-65.05	-65.06	-76.55
H2RG344_0 [dBm]	-66.15	-63.86	-64.98	-64.98	-76.47



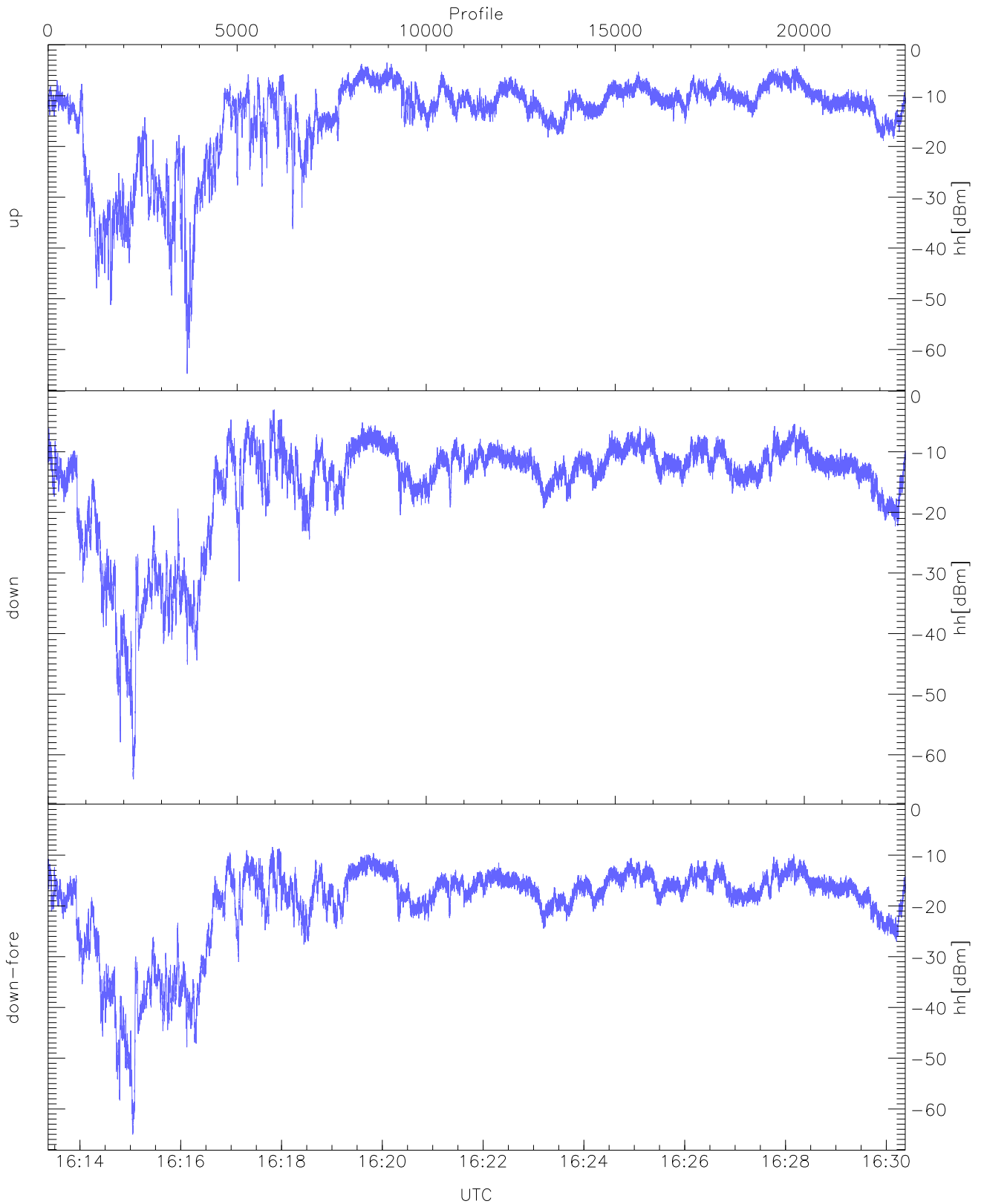
WCR3 CPP Averaged Received power for all recorded gates
blue: 161322-162152, 11337 profiles averaged
red: 162152-163023, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 161322-162152, 11337 profiles averaged
red: 162152-163023, 11336 profiles averaged

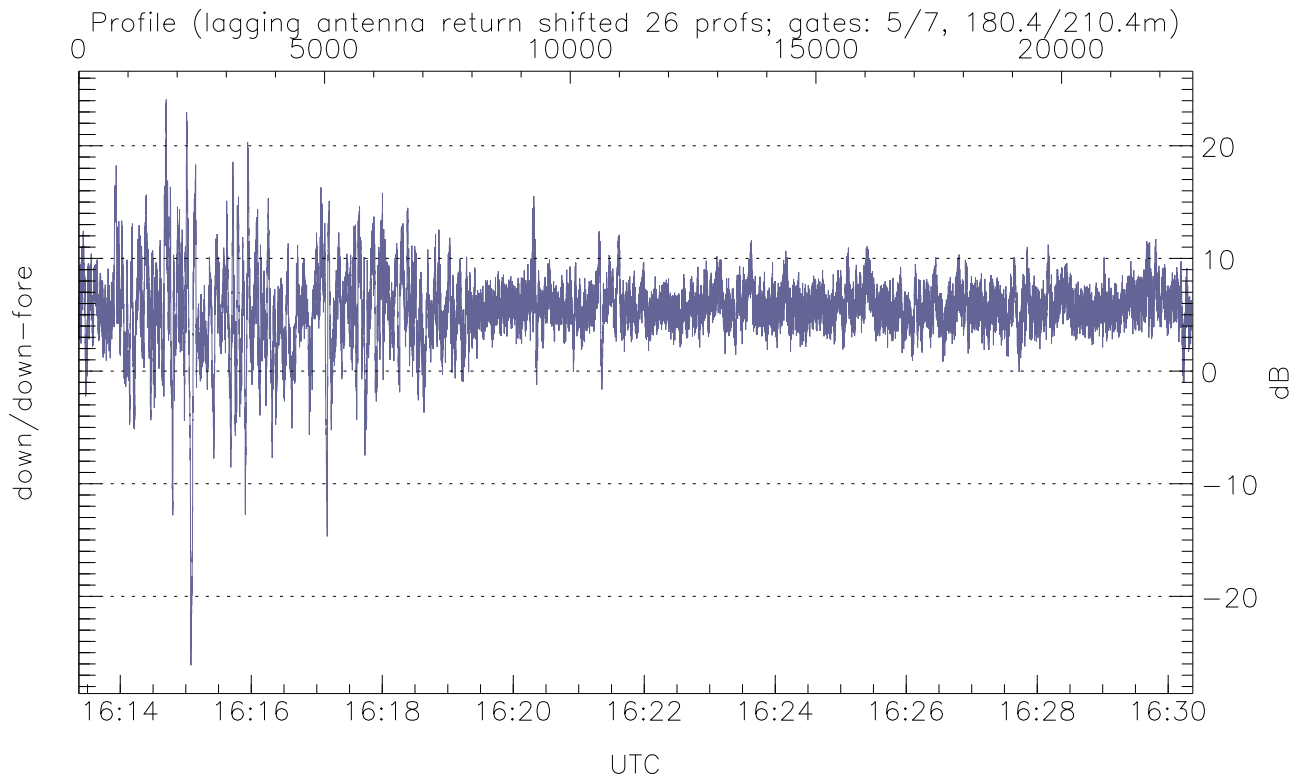
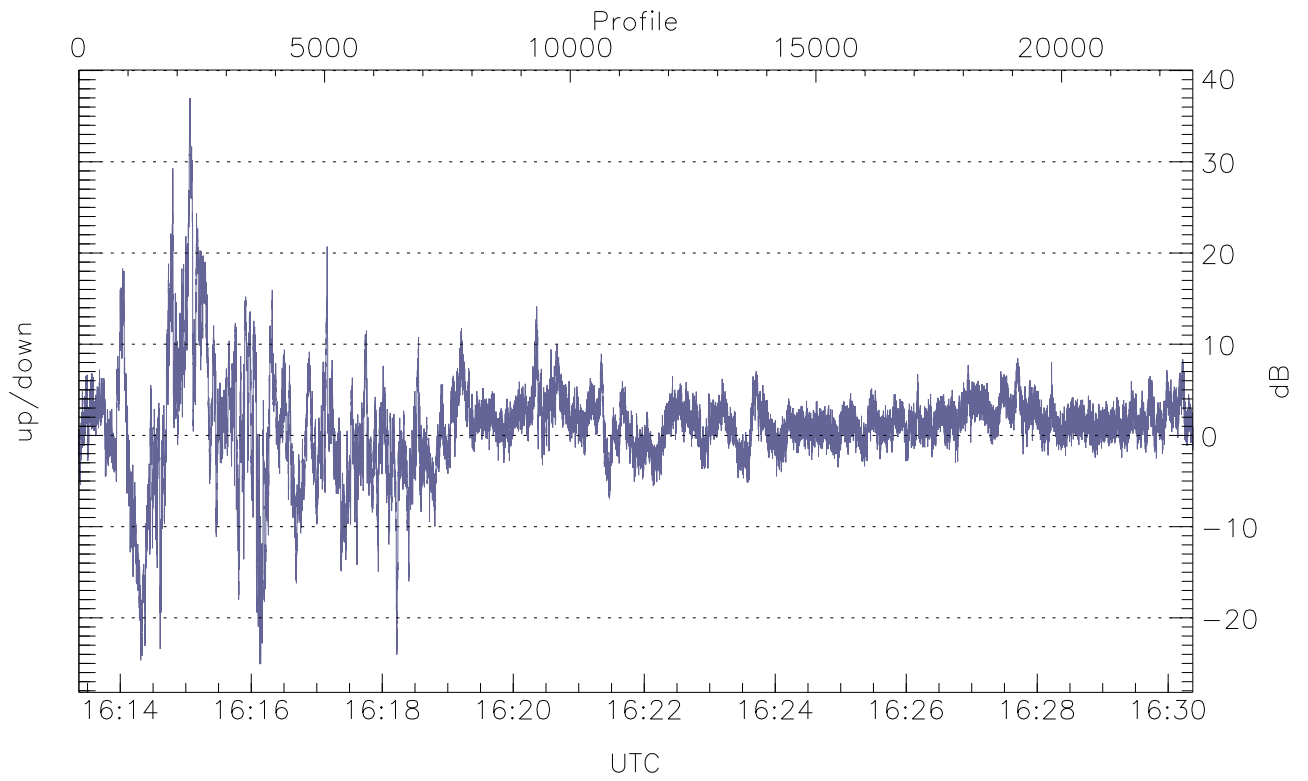


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



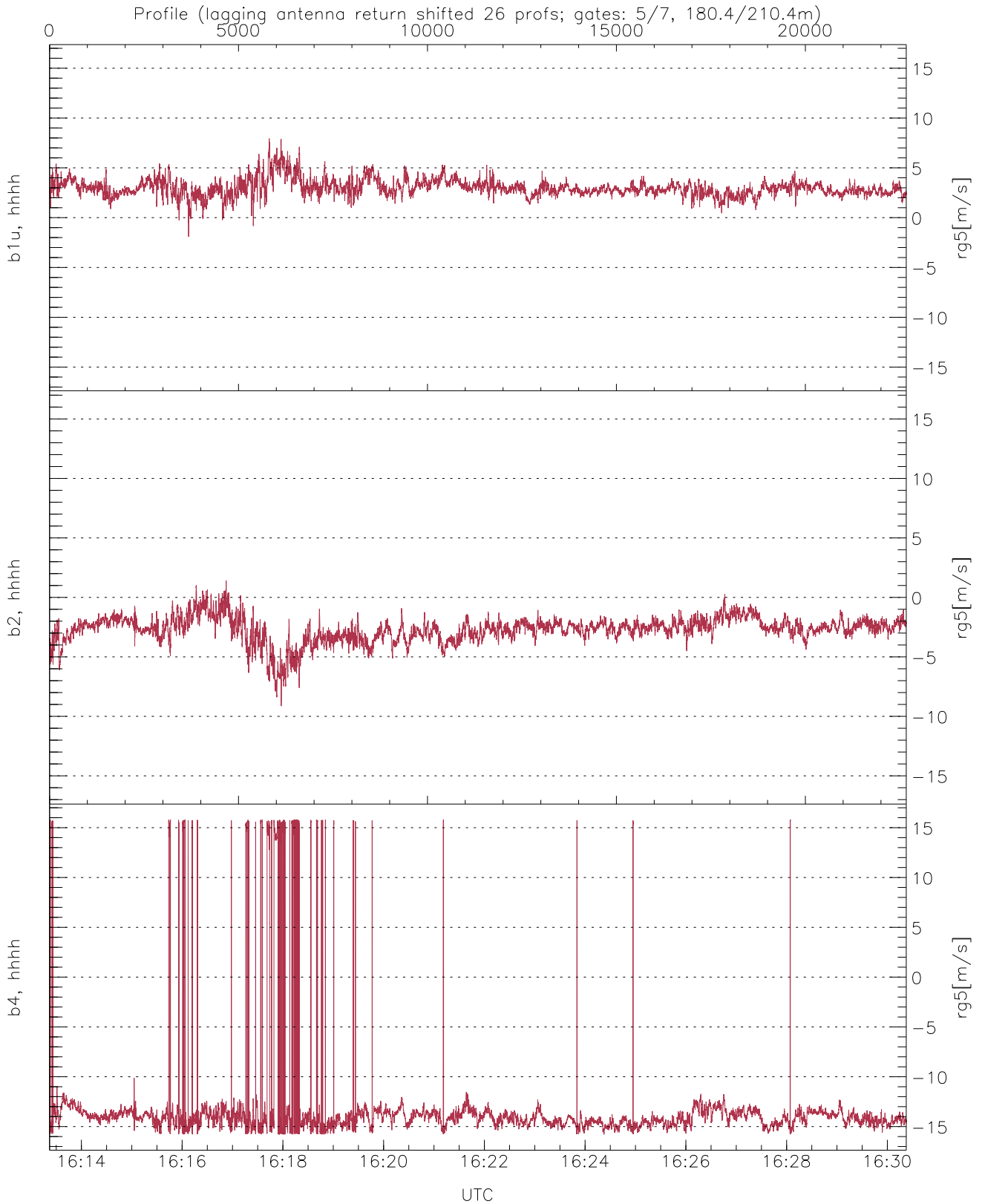
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.77	-3.48	-10.84
down(hh[dBm])	-64.02	-3.03	-11.99
down-fore(hh[dBm])	-65.03	-8.38	-16.27



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

	Min	Max	Mean
up/down (dB)	-25.07	36.96	1.11
down/down-fore (dB)	-26.12	24.11	5.54



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.91	7.94	2.98	0.85
b2, hhhh(rg5[m/s])	-9.14	1.41	-2.71	1.07
b4, hhhh(rg5[m/s])	-15.79	15.79	-13.23	5.10