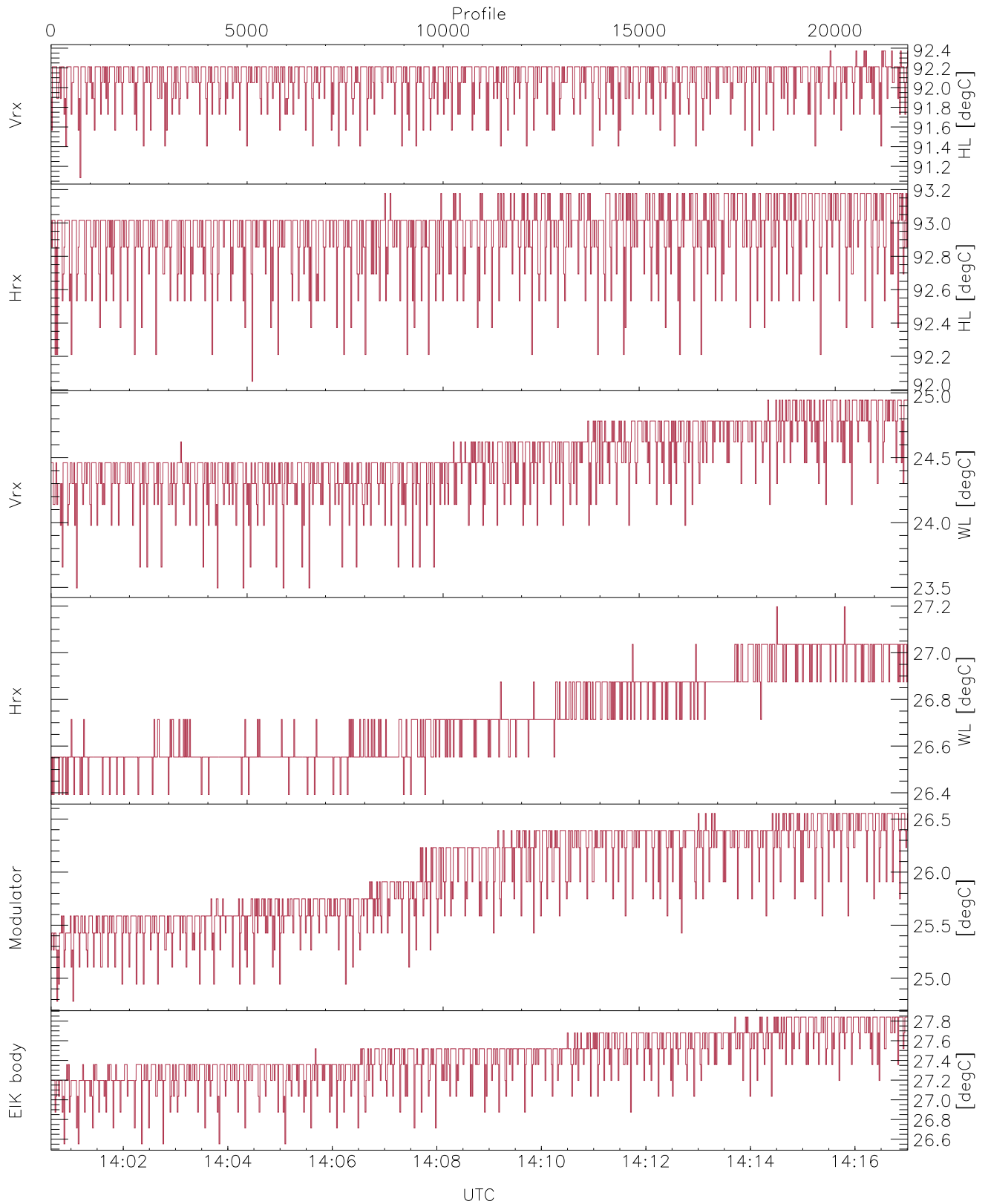


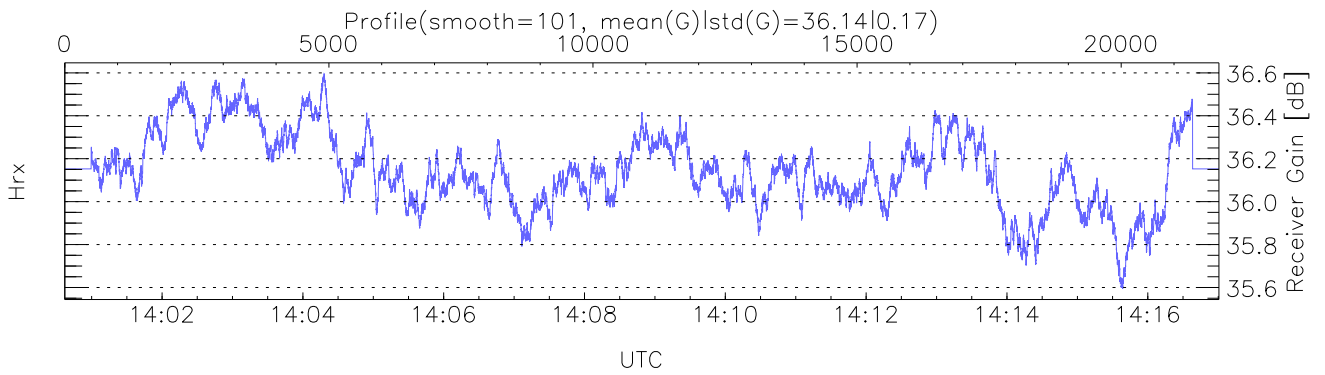
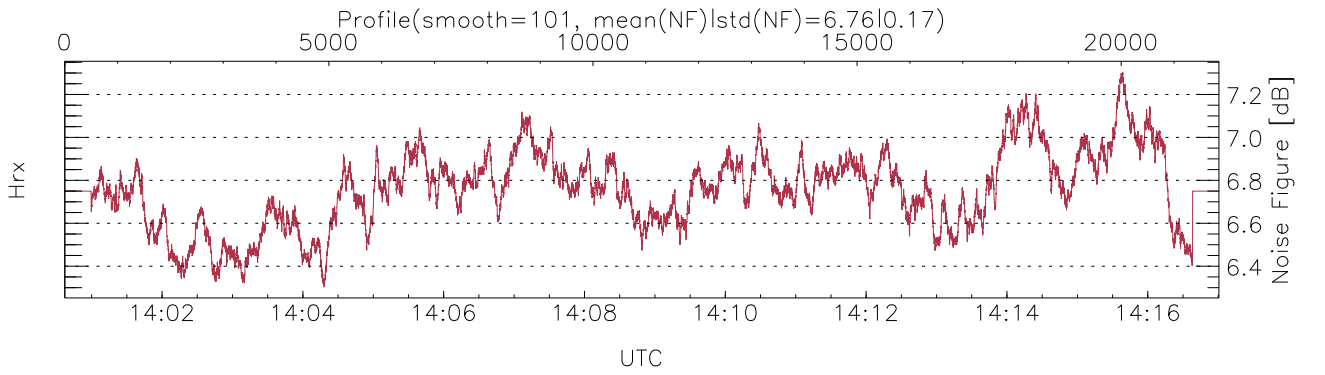
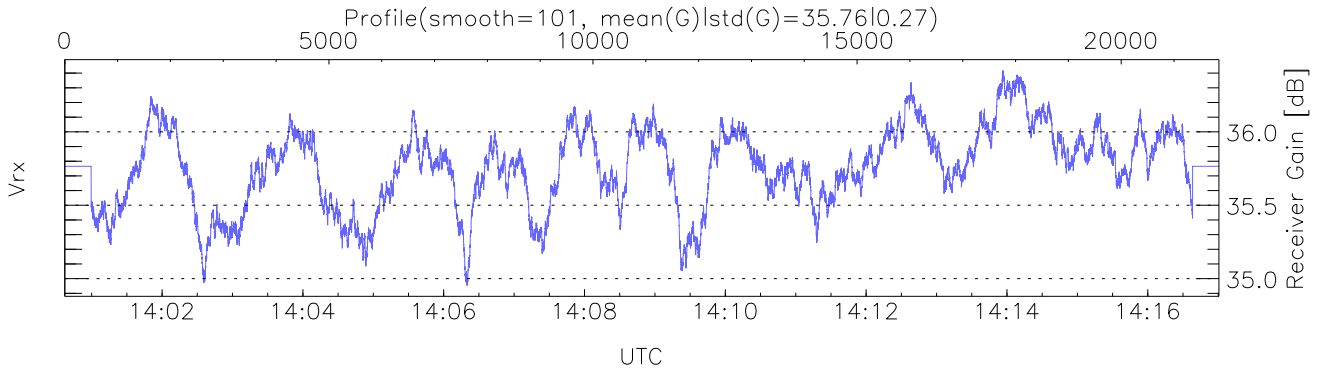
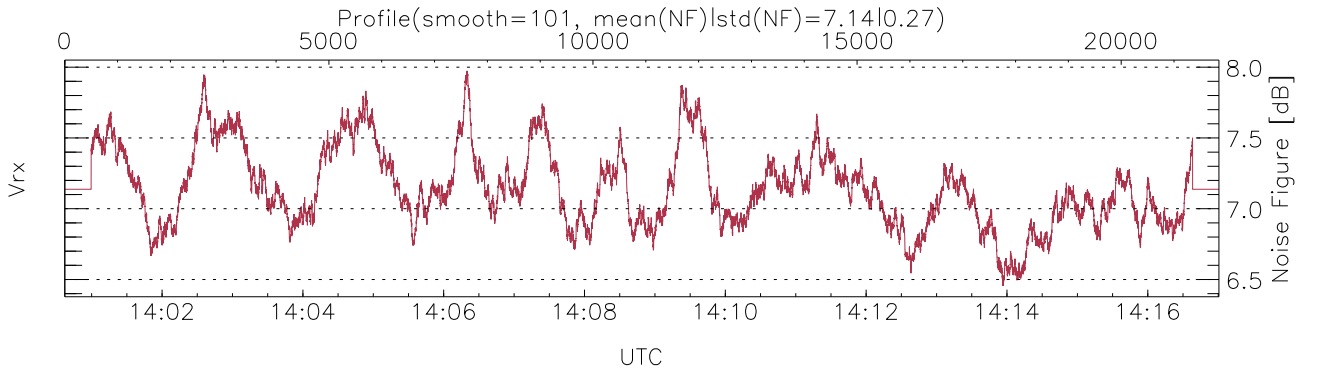
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:00:37-14:17:01, TimeCor: 0.00s, Dur: 983.54s
 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): 21852/21852, 0-21851/14:00:37-14:17:01
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



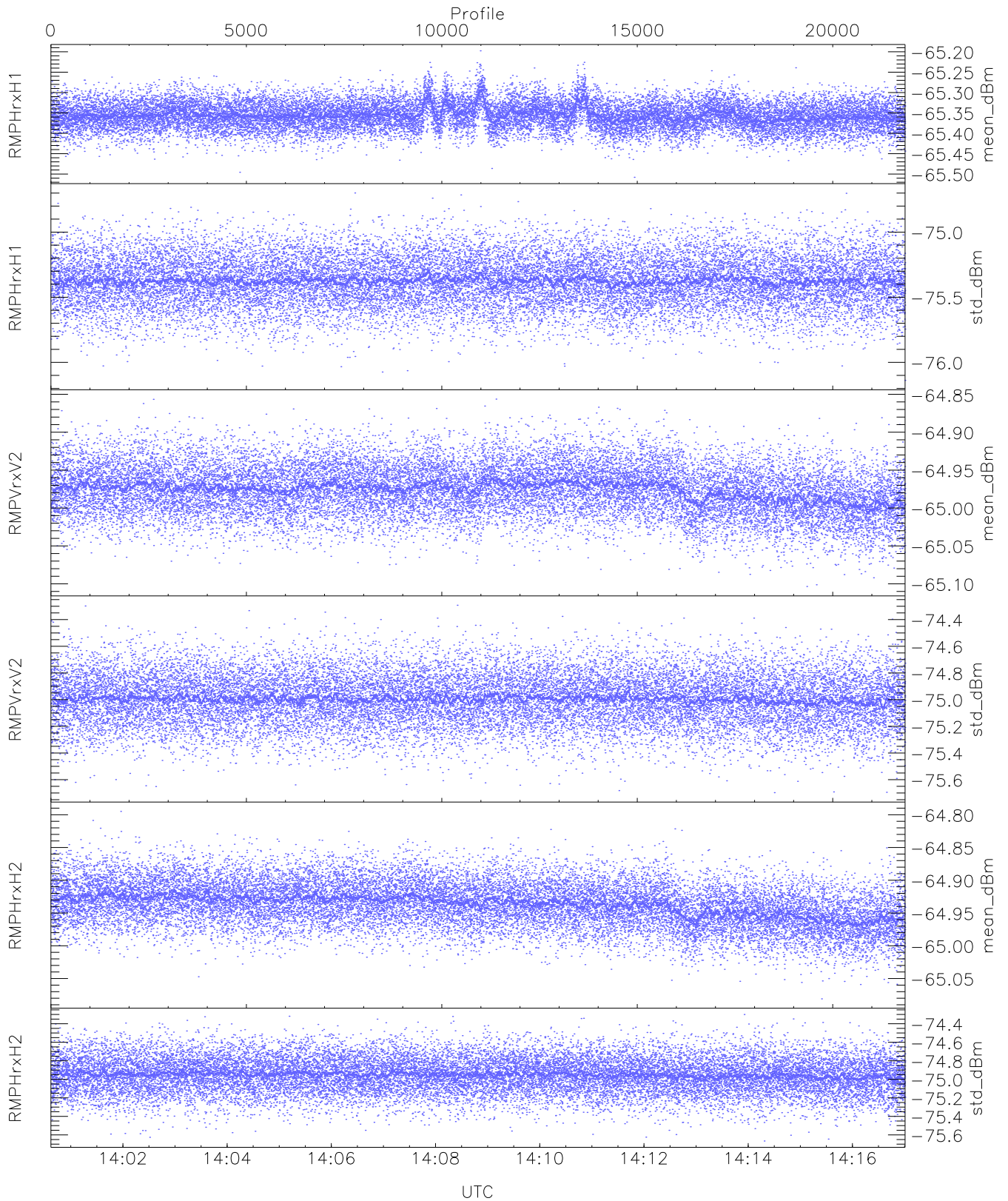
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,24,26
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,26,27
 LOalarm(20,240,2817,14861 MHz): 0,0,24,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,44,44,44,44)



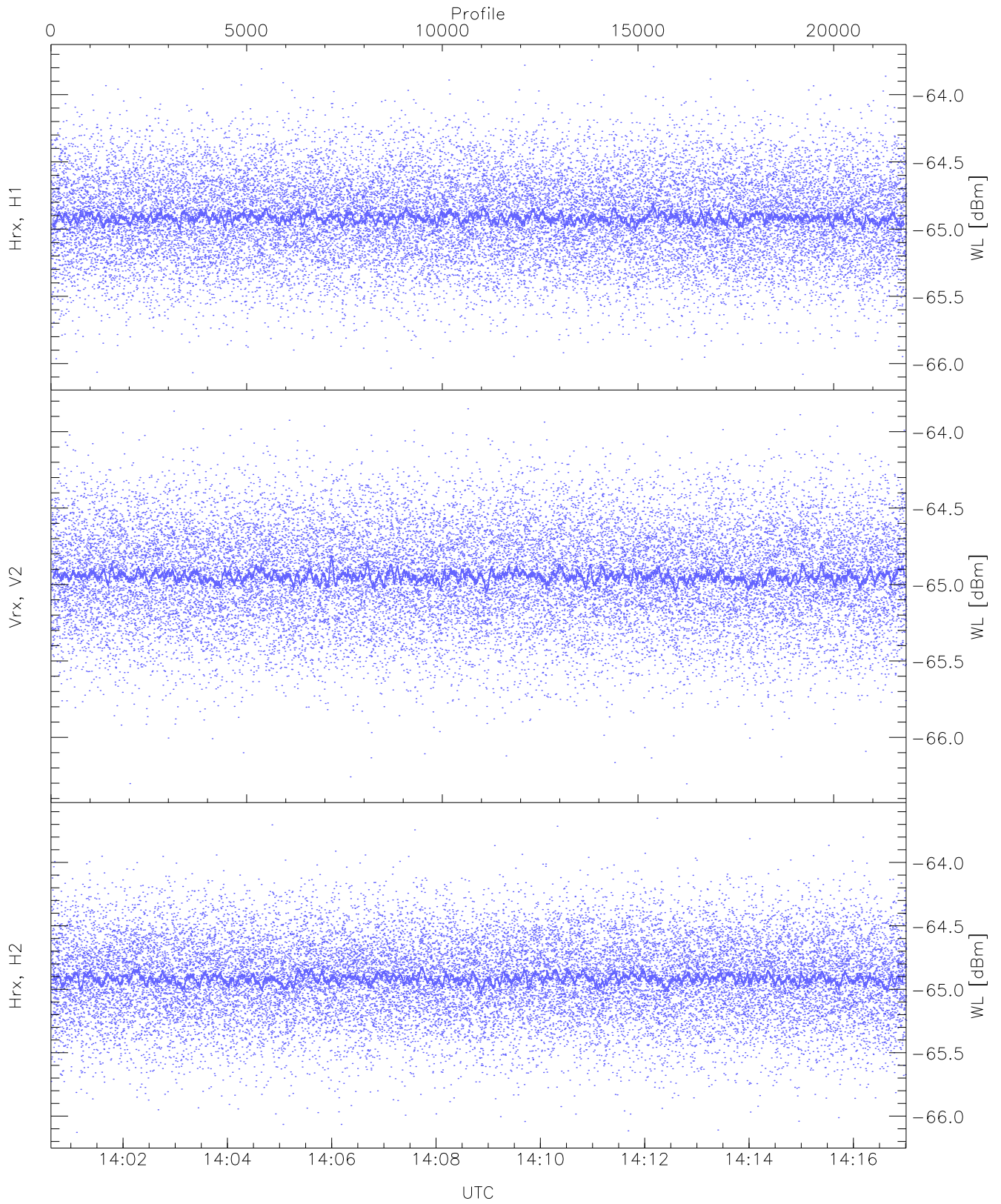
WCR3 CPP Receivers Gain and Noise Figure

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



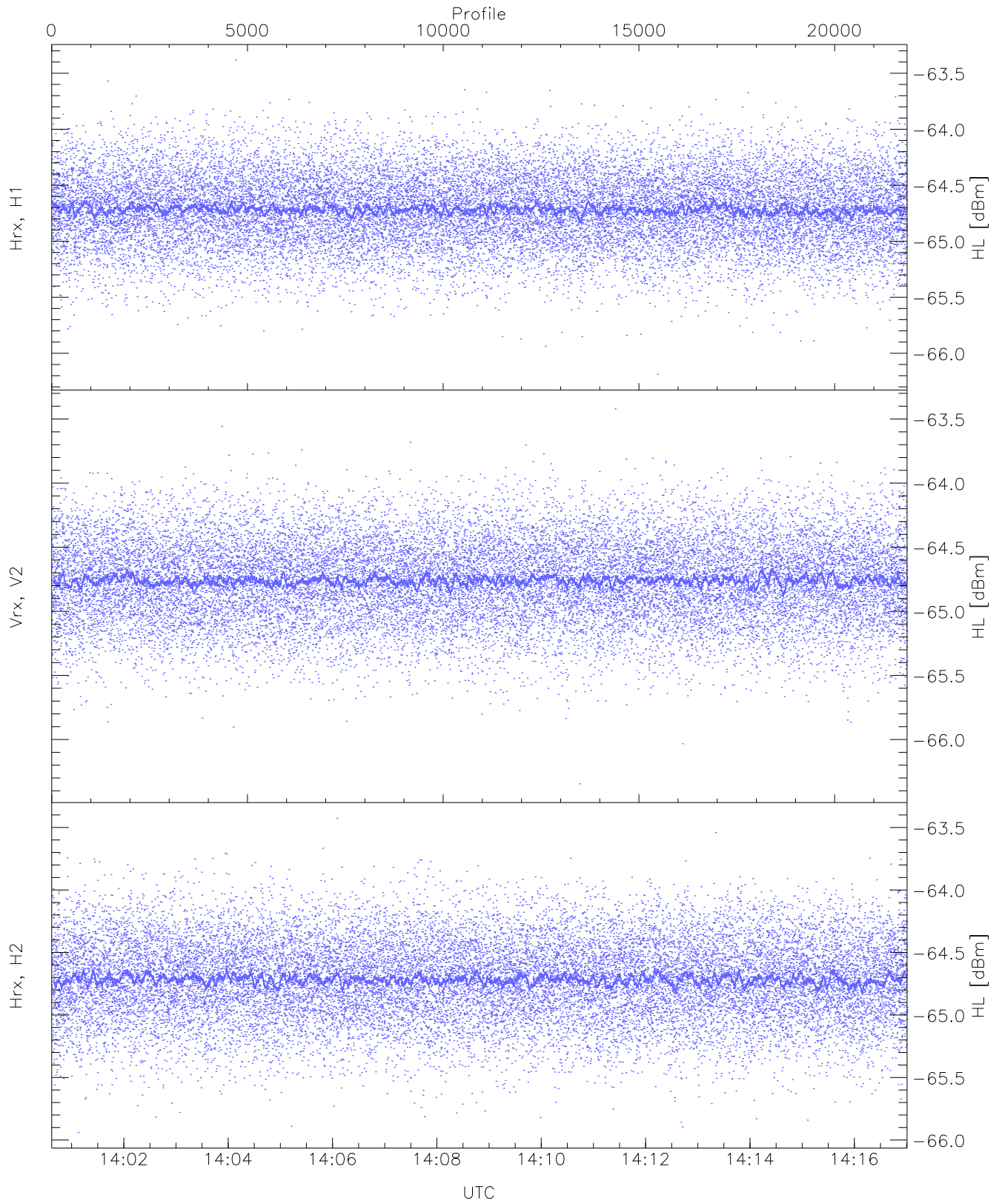
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.20	-65.36	-65.36	-86.65
RMPHrxH1(std_dBm)	-76.14	-74.70	-75.37	-75.38	-89.16
RMPVrxV2(mean_dBm)	-65.10	-64.86	-64.98	-64.98	-86.35
RMPVrxV2(std_dBm)	-75.70	-74.29	-74.99	-75.00	-88.79
RMPHrxH2(mean_dBm)	-65.08	-64.79	-64.94	-64.94	-86.14
RMPHrxH2(std_dBm)	-75.67	-74.30	-74.95	-74.95	-88.75



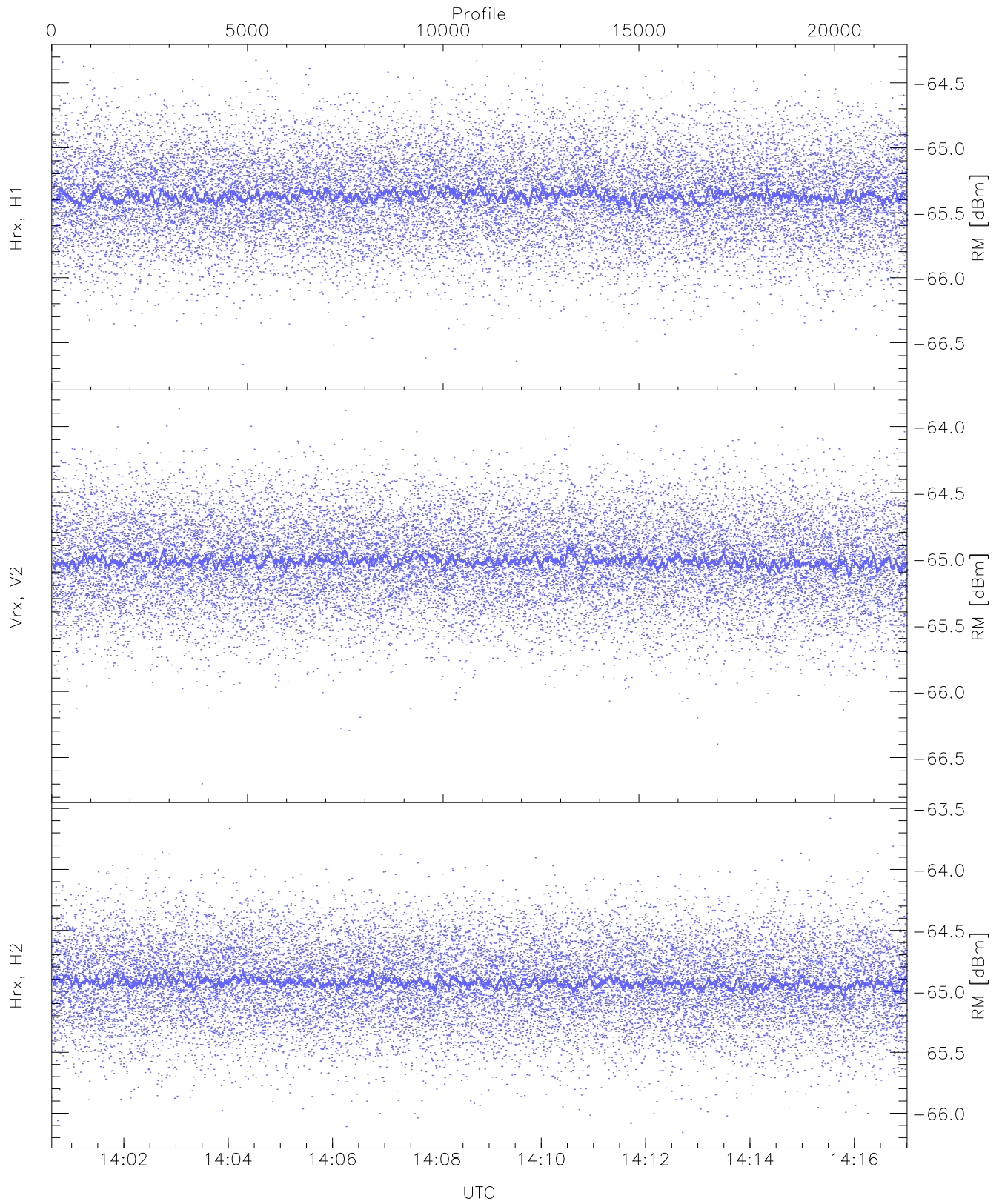
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.08	-63.74	-64.91	-64.91	-76.42
Vrx, V2 (WL [dBm])	-66.30	-63.85	-64.94	-64.95	-76.45
Hrx, H2 (WL [dBm])	-66.13	-63.65	-64.91	-64.91	-76.38



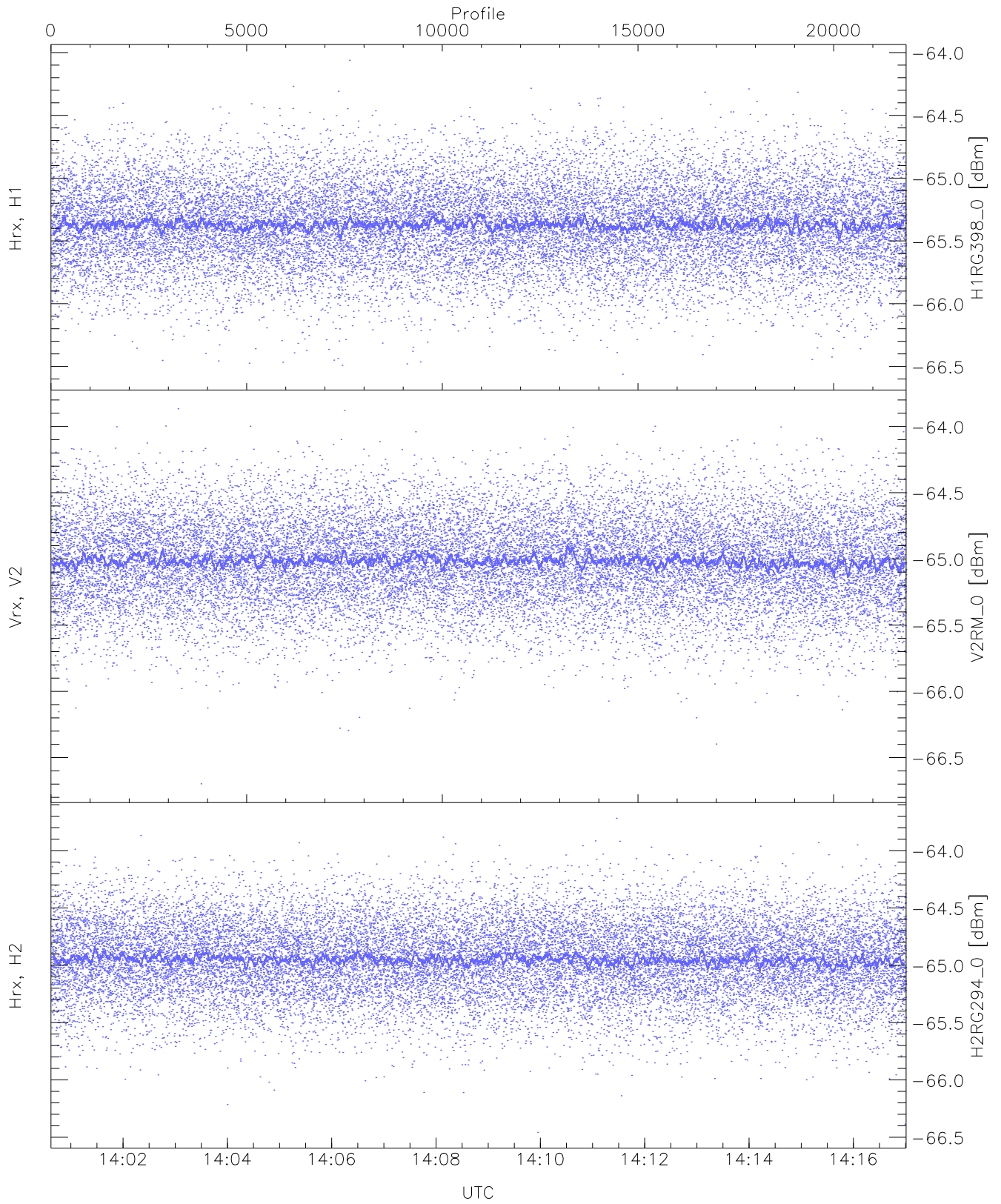
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.19	-63.38	-64.71	-64.72	-76.22
Vrx, V2 (HL [dBm])	-66.35	-63.42	-64.75	-64.76	-76.27
Hrx, H2 (HL [dBm])	-65.94	-63.43	-64.71	-64.72	-76.21



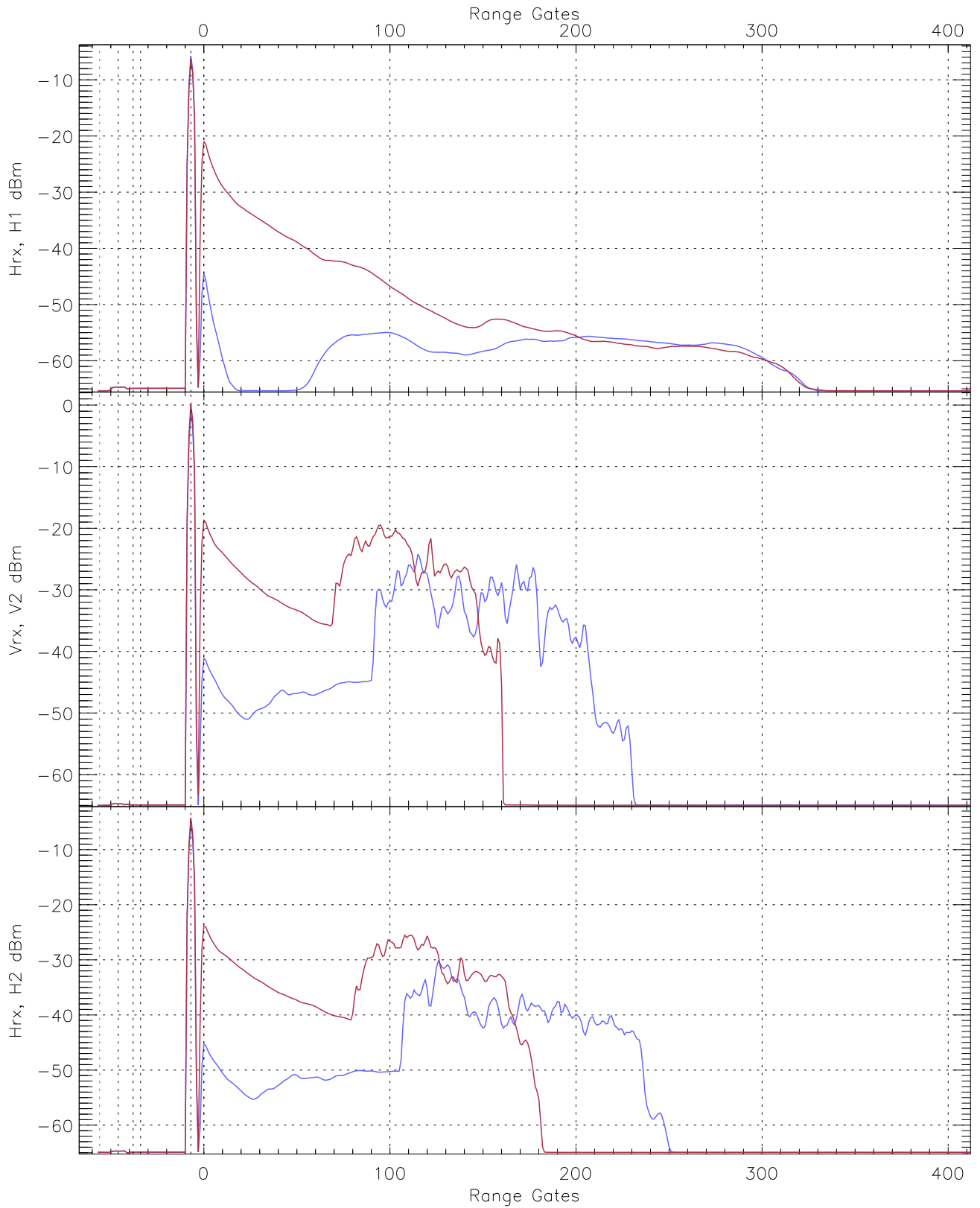
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.74	-64.33	-65.36	-65.37	-76.88
Vrx, V2 (RM [dBm])	-66.70	-63.87	-65.01	-65.02	-76.54
Hrx, H2 (RM [dBm])	-66.16	-63.58	-64.92	-64.93	-76.40

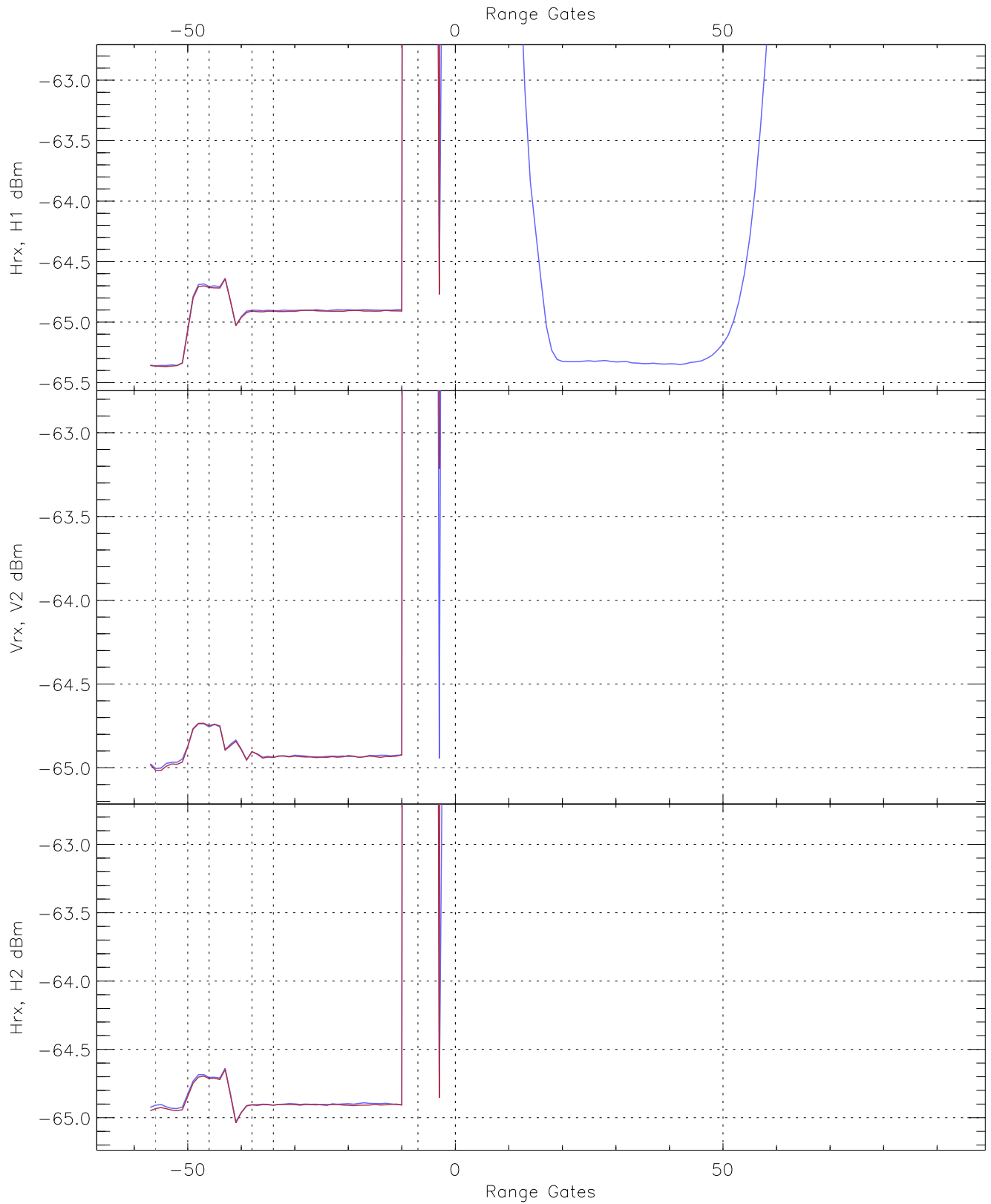


WCR3 CPP "Best" estimate Receivers Noise Power

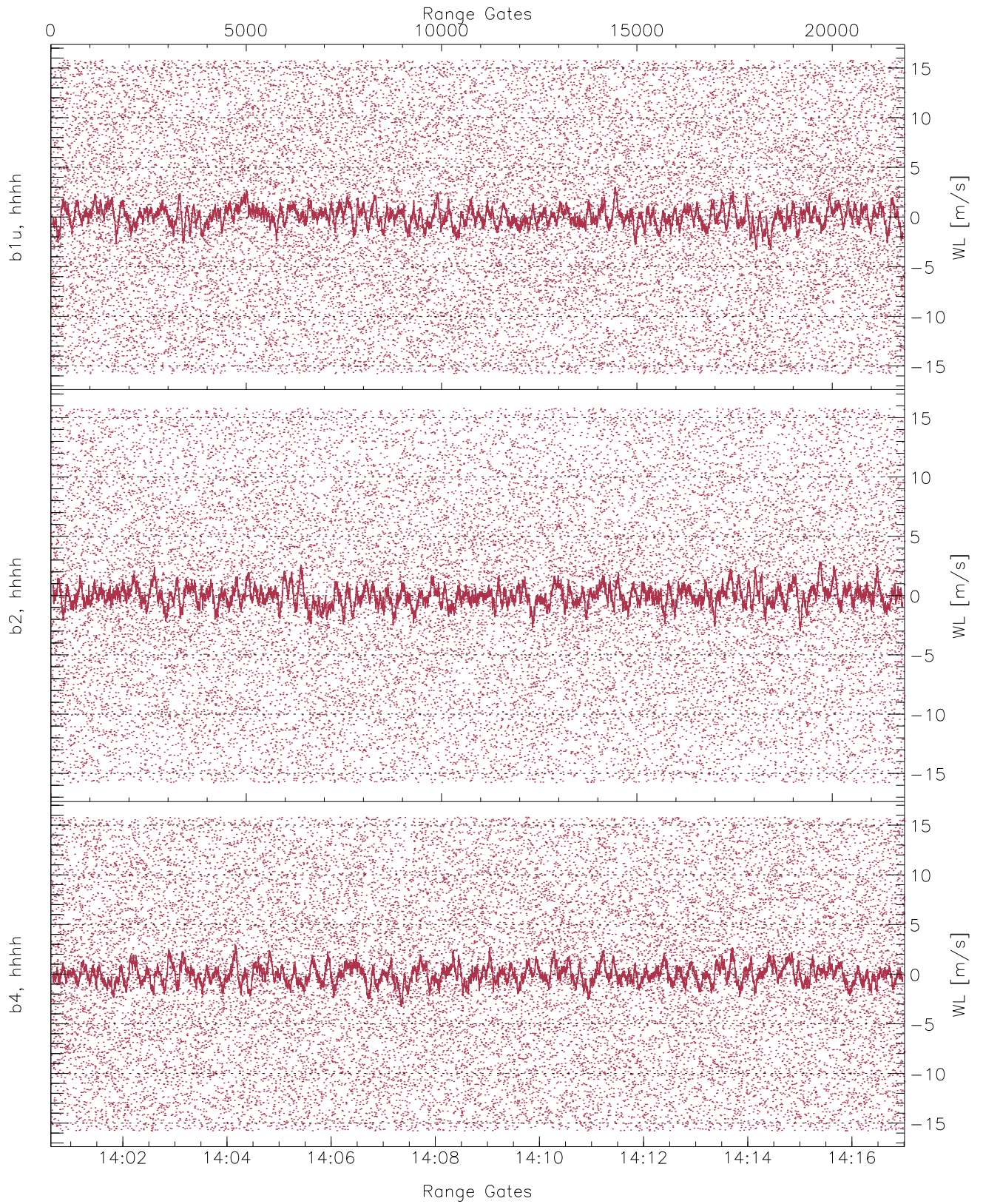
	Min	Max	Mean	Median	StDev
H1RG398_0 [dBm]	-66.56	-64.06	-65.36	-65.37	-76.87
V2RM_0 [dBm]	-66.70	-63.87	-65.01	-65.02	-76.54
H2RG294_0 [dBm]	-66.46	-63.72	-64.94	-64.95	-76.43



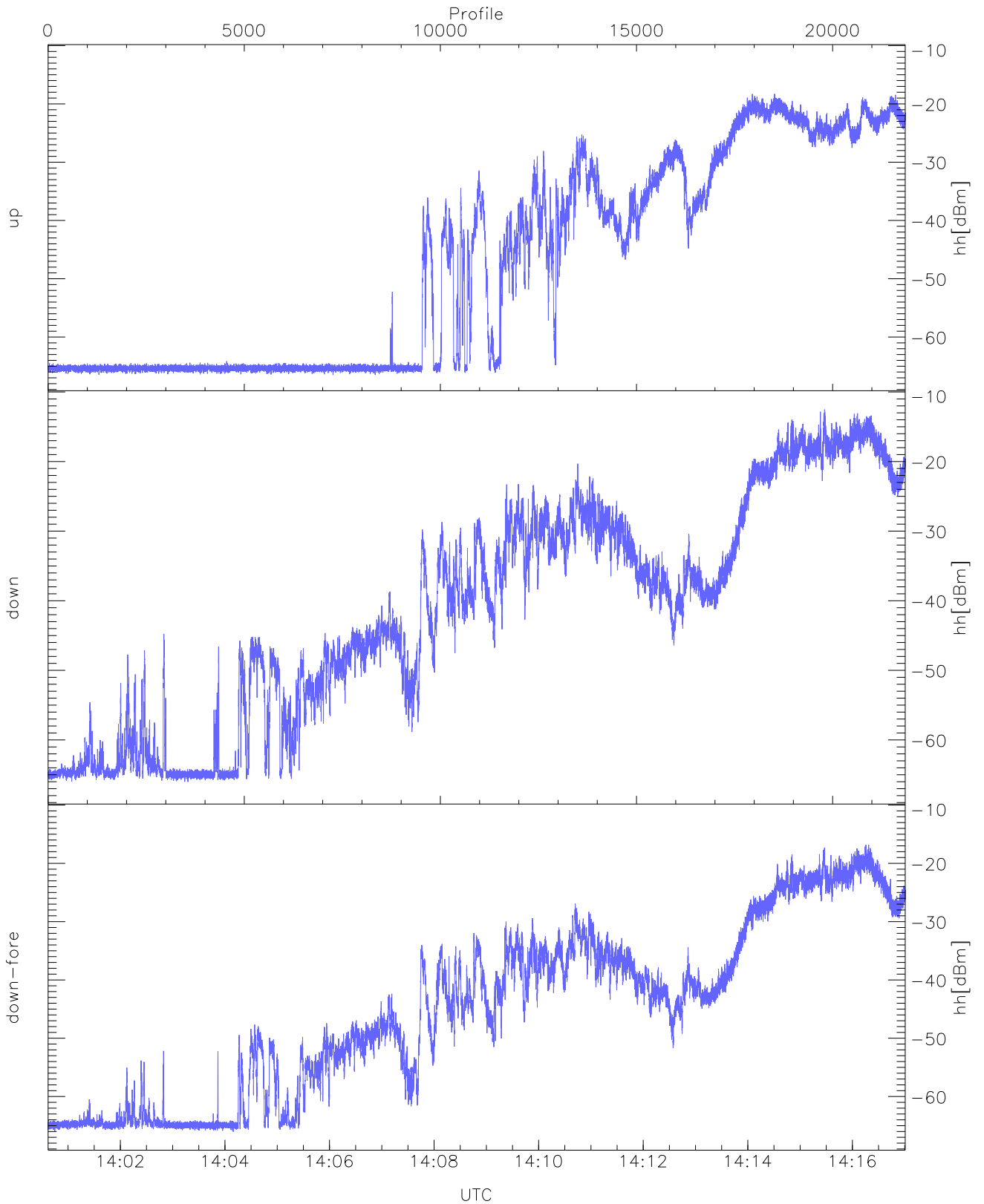
WCR3 CPP Averaged Received power for all recorded gates
blue: 140037-140849, 10927 profiles averaged
red: 140849-141701, 10926 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 140037-140849, 10927 profiles averaged
red: 140849-141701, 10926 profiles averaged

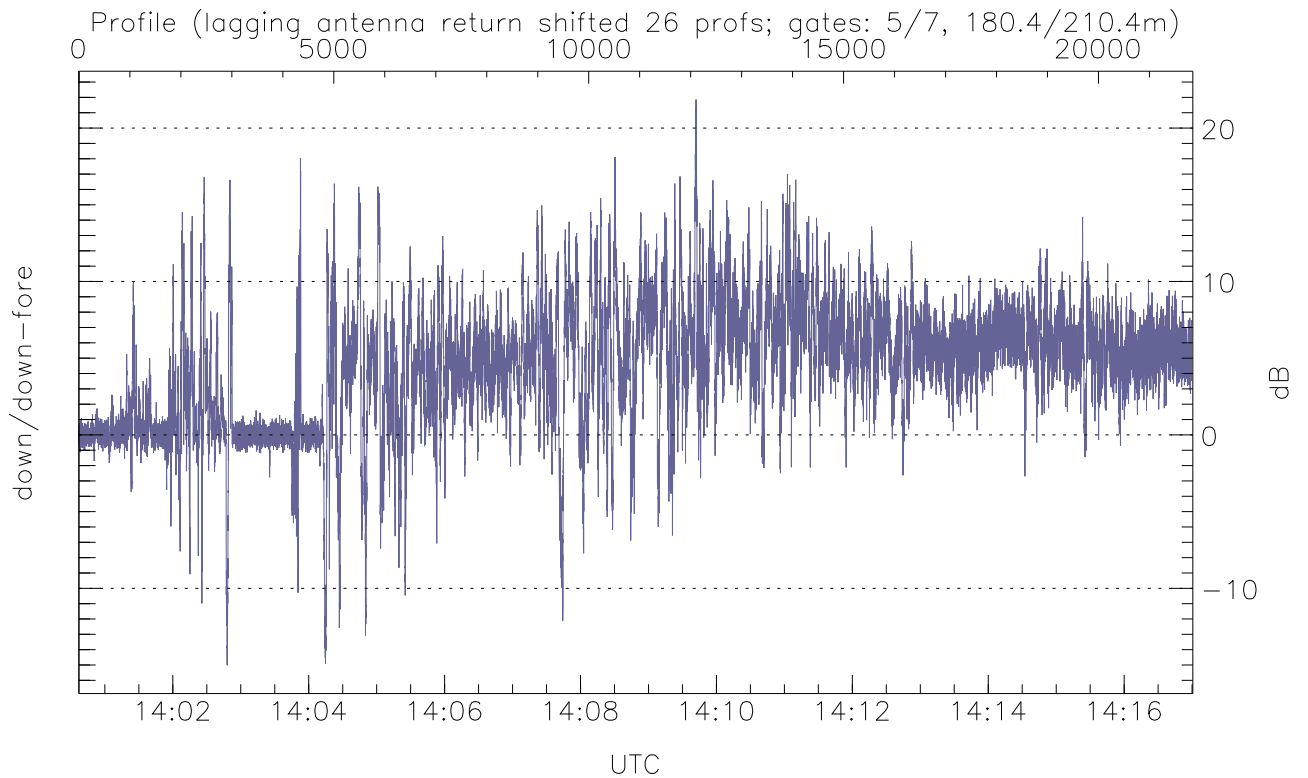
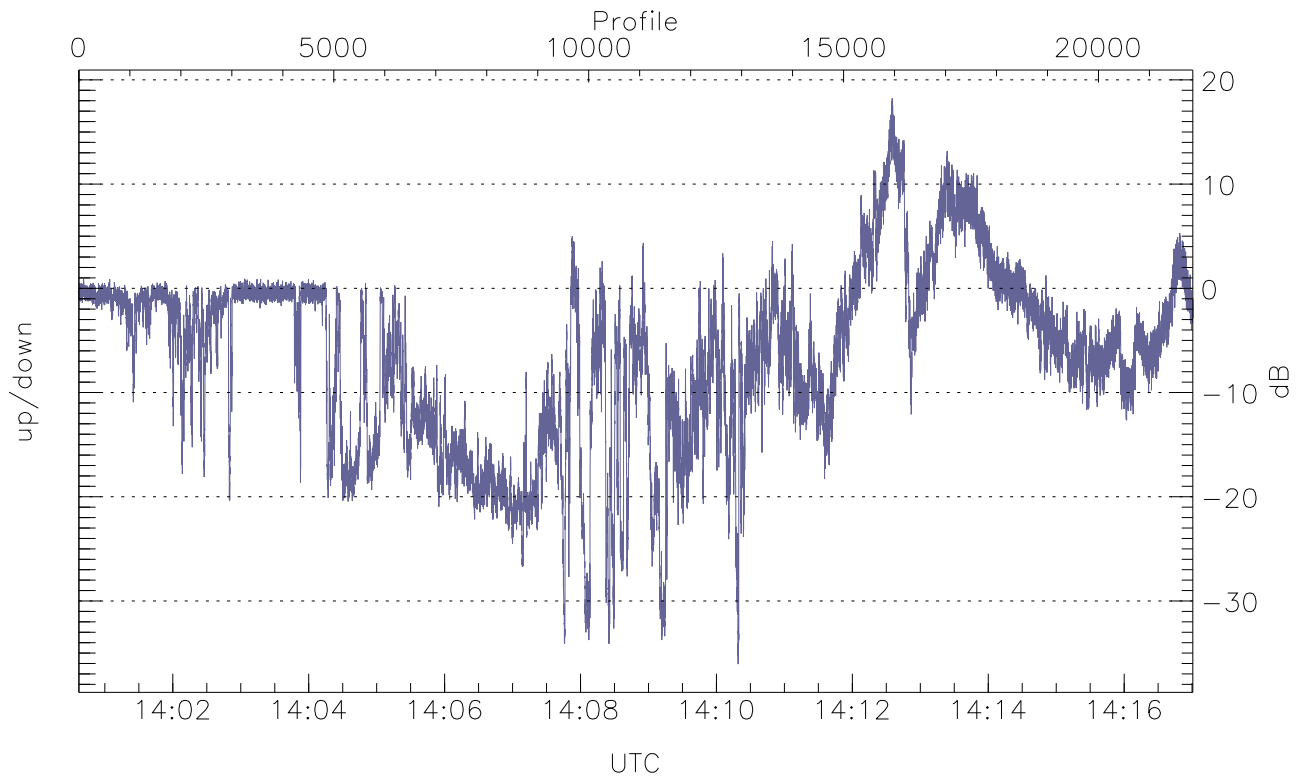


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



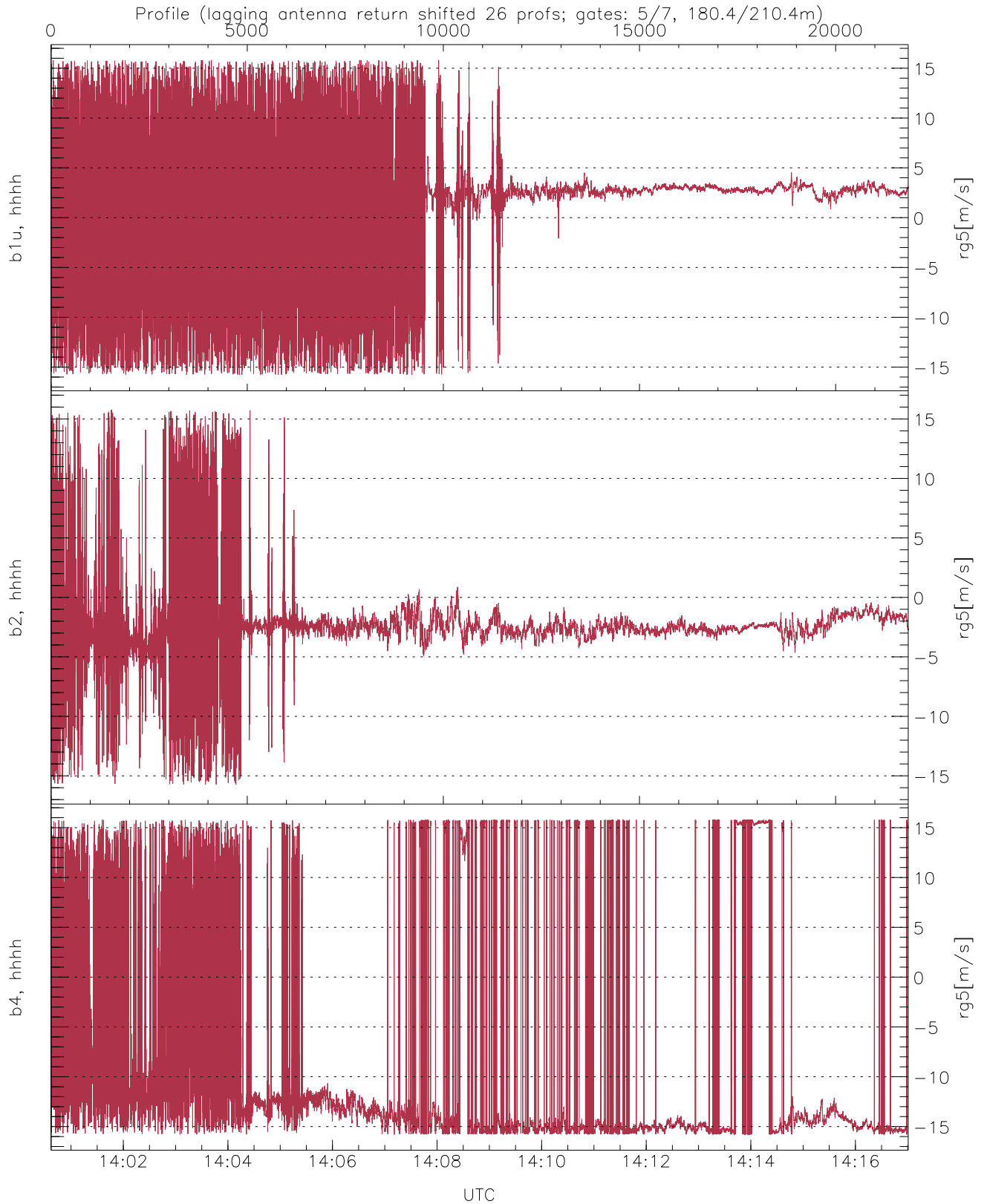
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.51	-18.27	-28.68
down(hh[dBm])	-66.03	-12.52	-25.05
down-fore(hh[dBm])	-66.04	-16.81	-29.82



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

	Min	Max	Mean
up/down (dB)	-36.05	18.23	-6.39
down/down-fore (dB)	-15.02	21.86	4.47



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.48	6.00
b2, hhhh(rg5[m/s])	-15.74	15.76	-2.26	3.05
b4, hhhh(rg5[m/s])	-15.79	15.79	-8.10	10.86