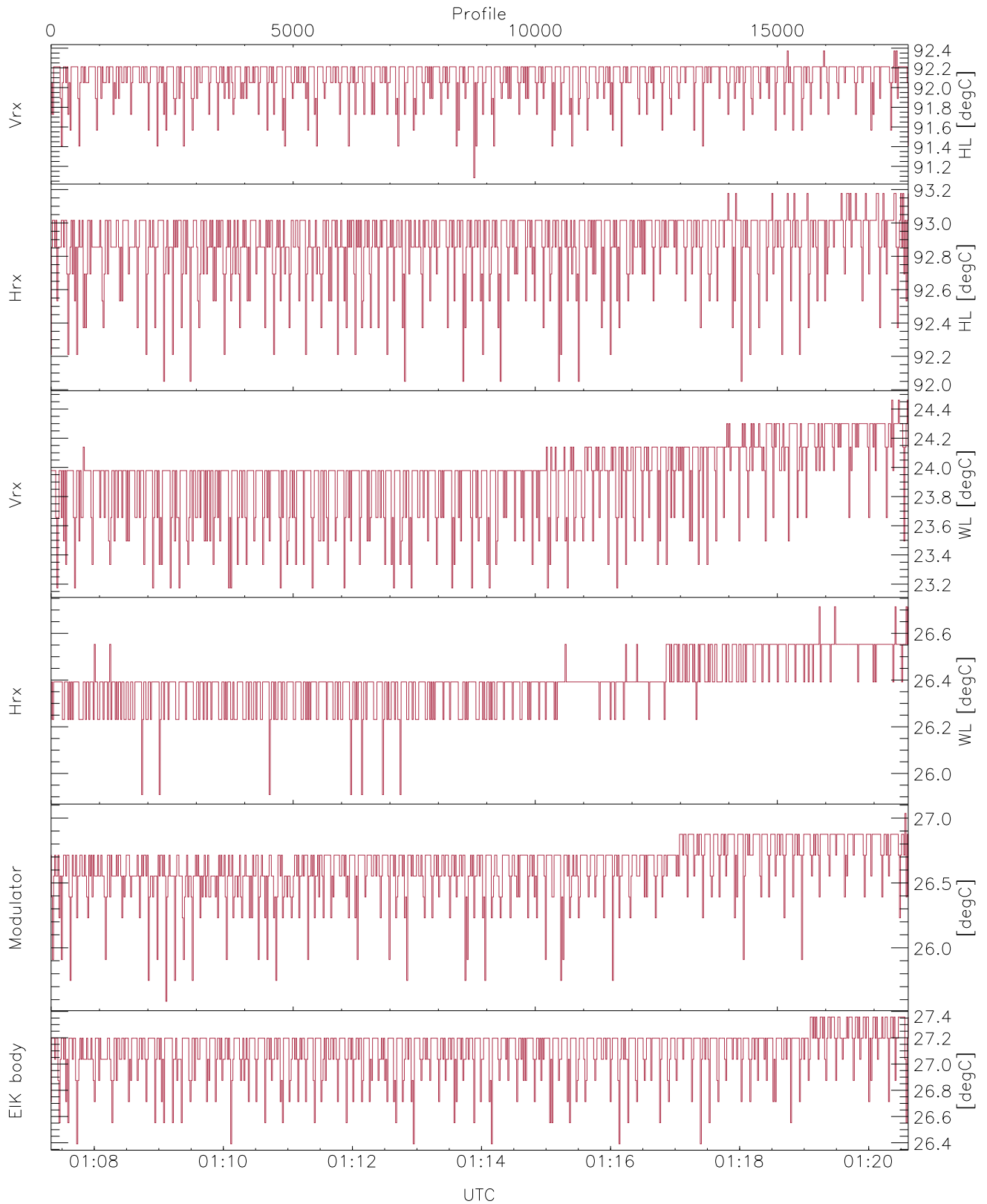


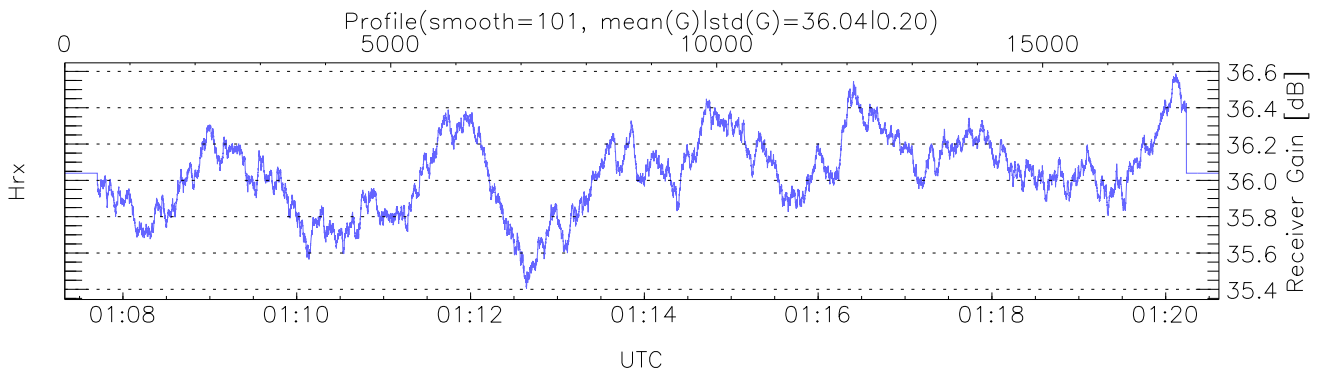
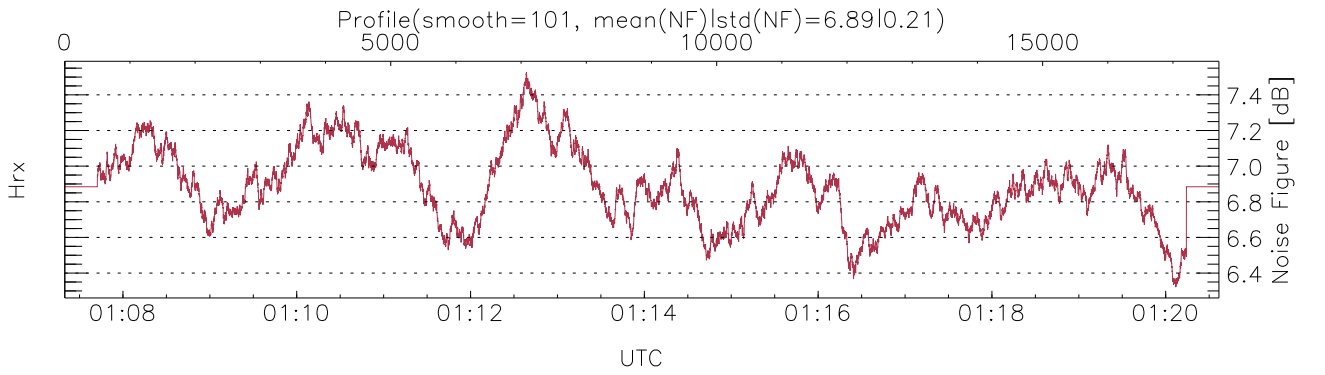
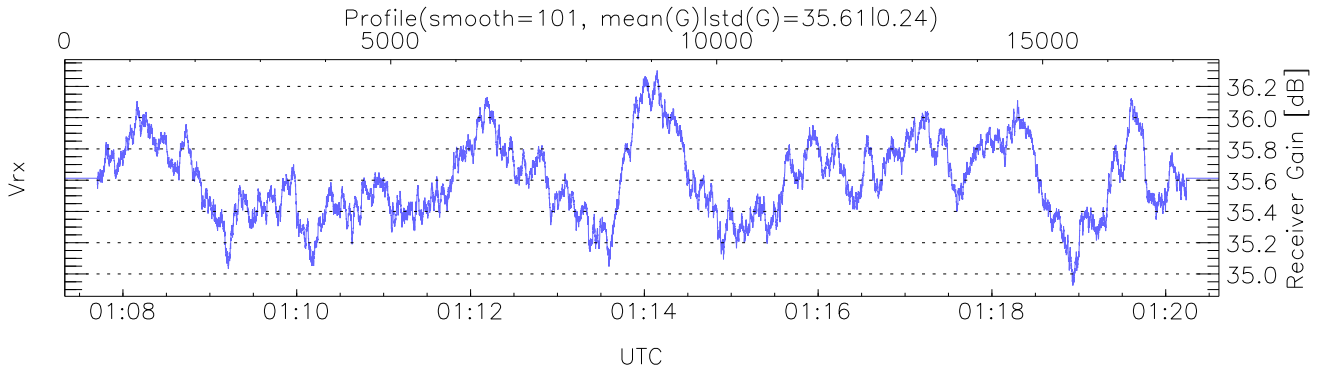
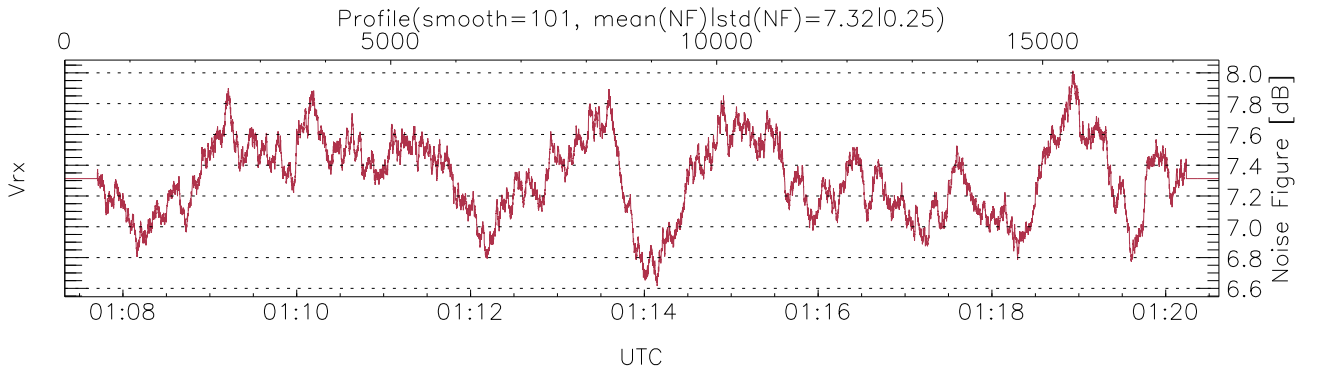
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:07:20-01:20:37, TimeCor: 0.00s, Dur: 796.92s
 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): 17706/17706, 0-17705/01:07:20-01:20:37
 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



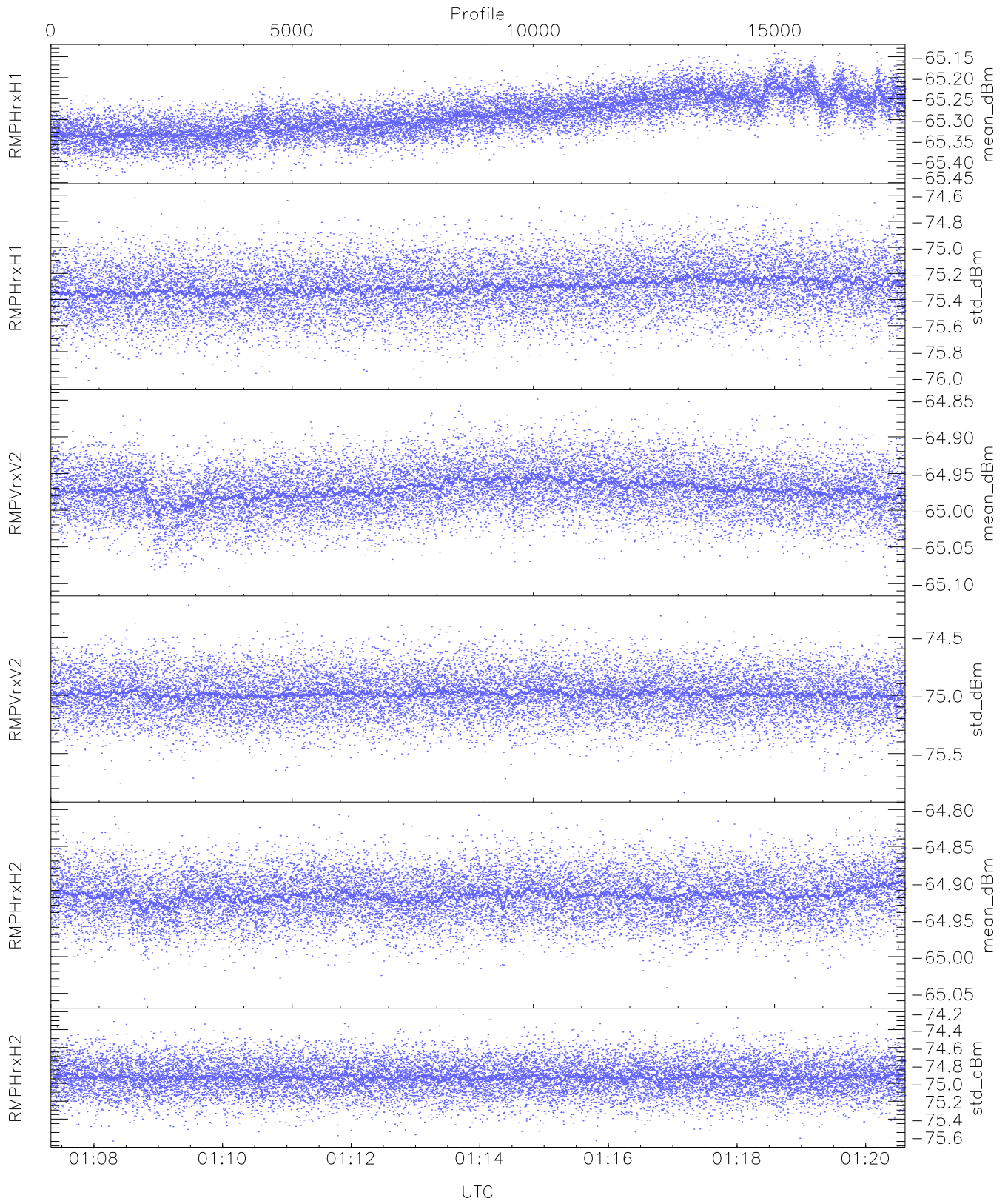
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,27,27
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



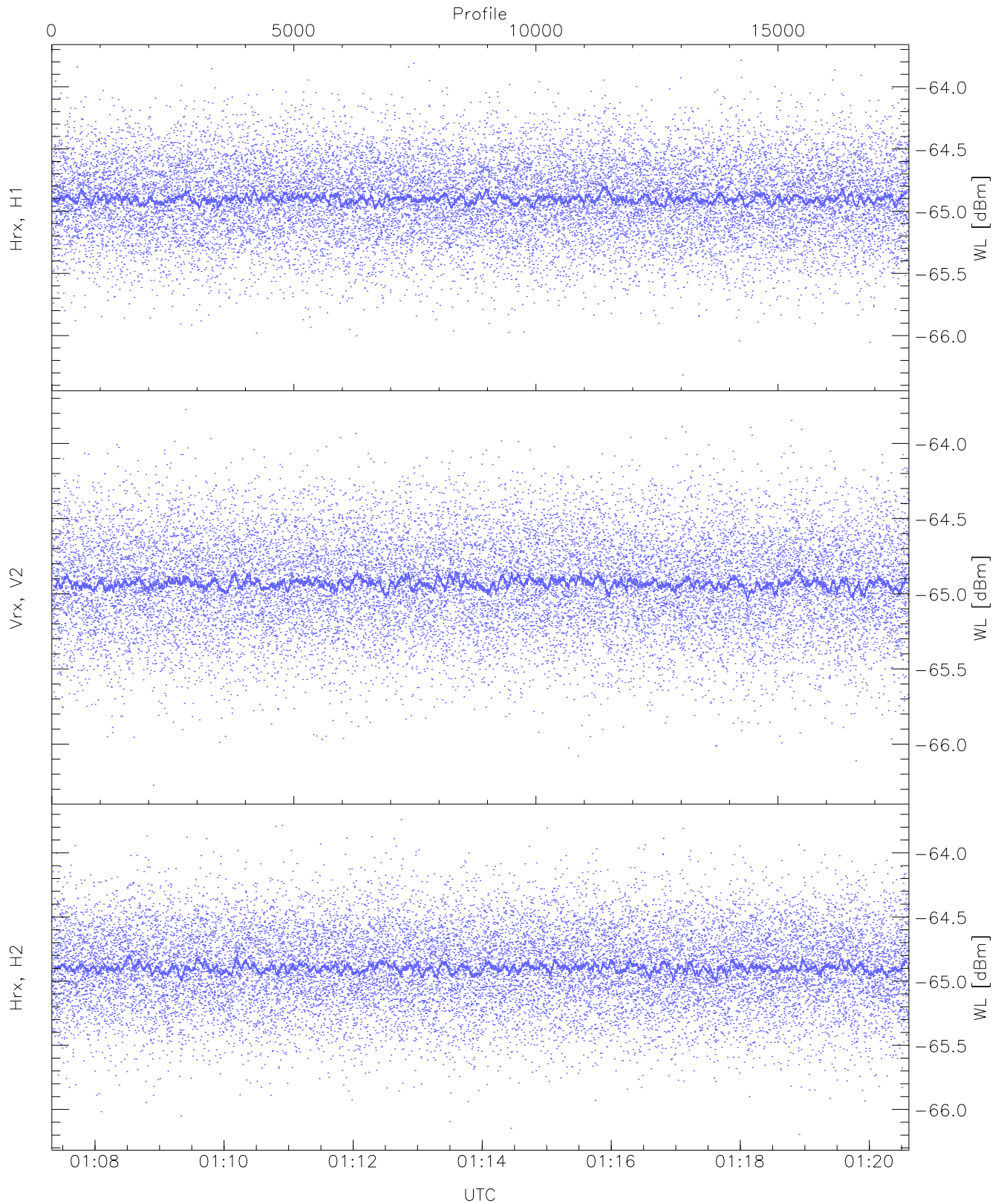
WCR3 CPP Receivers Gain and Noise Figure

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



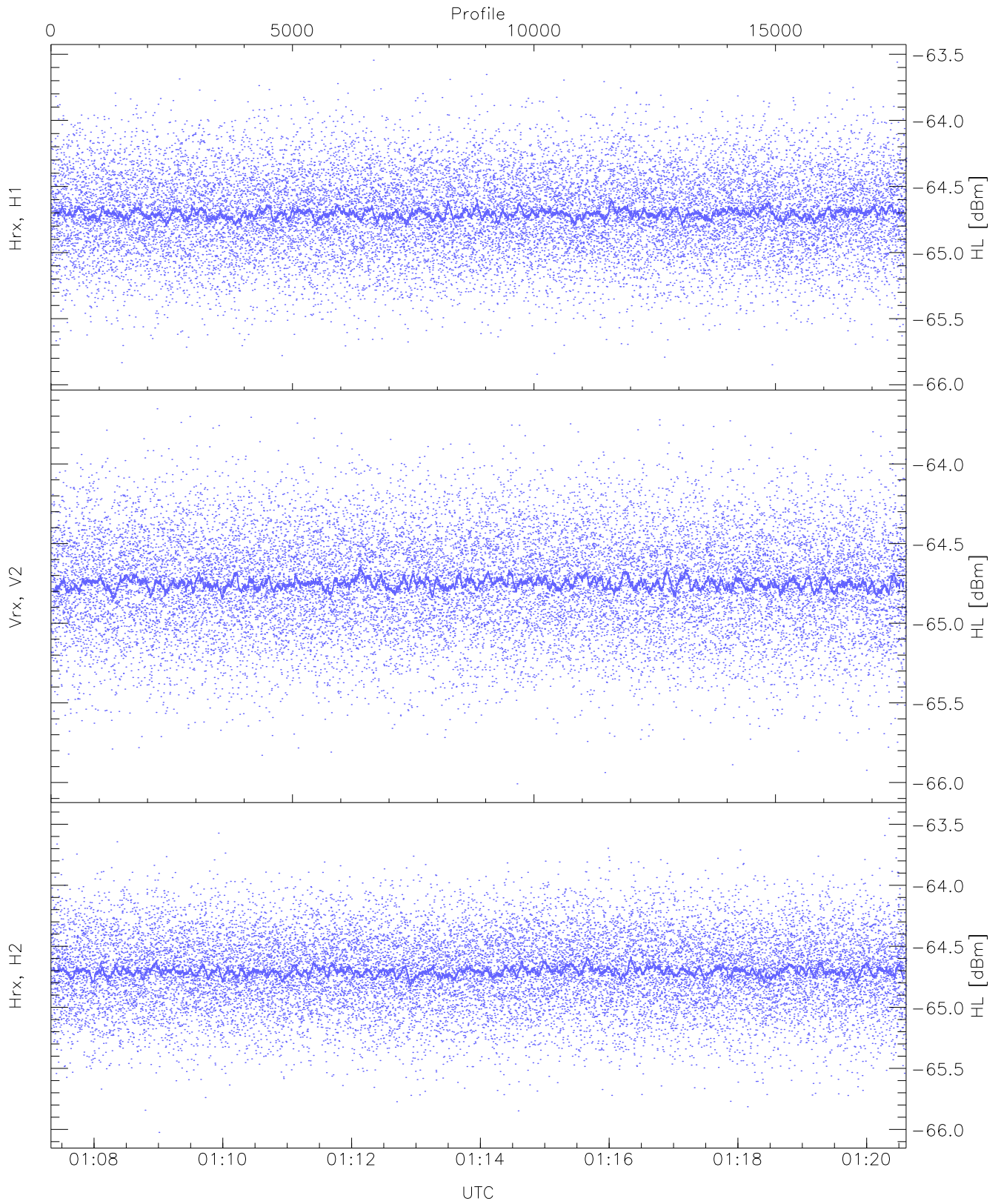
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.14	-65.29	-65.29	-84.79
RMPHrxH1(std_dBm)	-76.02	-74.58	-75.30	-75.30	-88.99
RMPVrxV2(mean_dBm)	-65.10	-64.85	-64.97	-64.97	-86.35
RMPVrxV2(std_dBm)	-75.84	-74.23	-74.99	-74.99	-88.76
RMPHrxH2(mean_dBm)	-65.06	-64.80	-64.92	-64.92	-86.45
RMPHrxH2(std_dBm)	-75.65	-74.23	-74.93	-74.93	-88.76



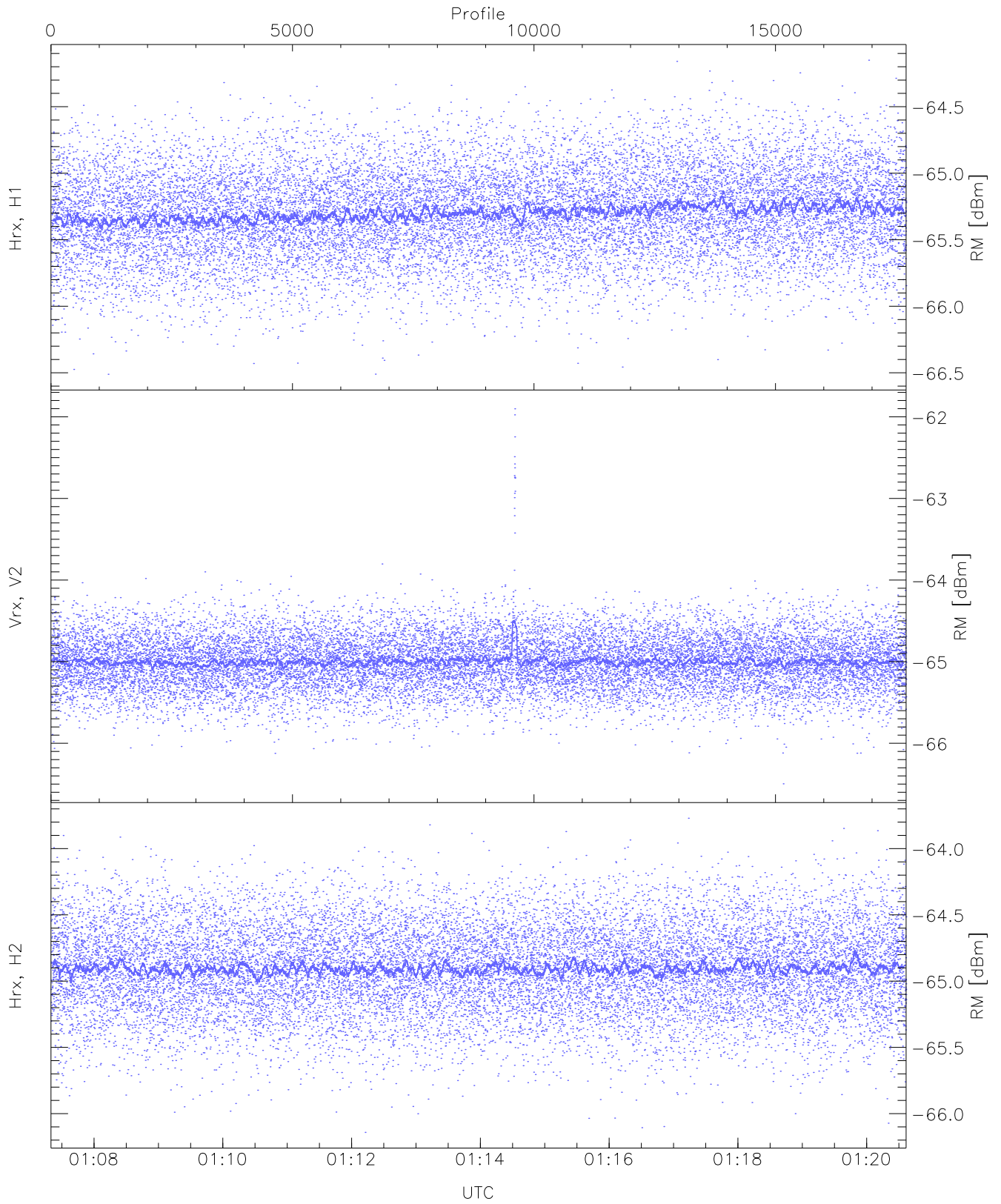
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.32	-63.79	-64.89	-64.90	-76.39
Vrx, V2 (WL [dBm])	-66.27	-63.77	-64.92	-64.93	-76.43
Hrx, H2 (WL [dBm])	-66.20	-63.74	-64.89	-64.90	-76.40



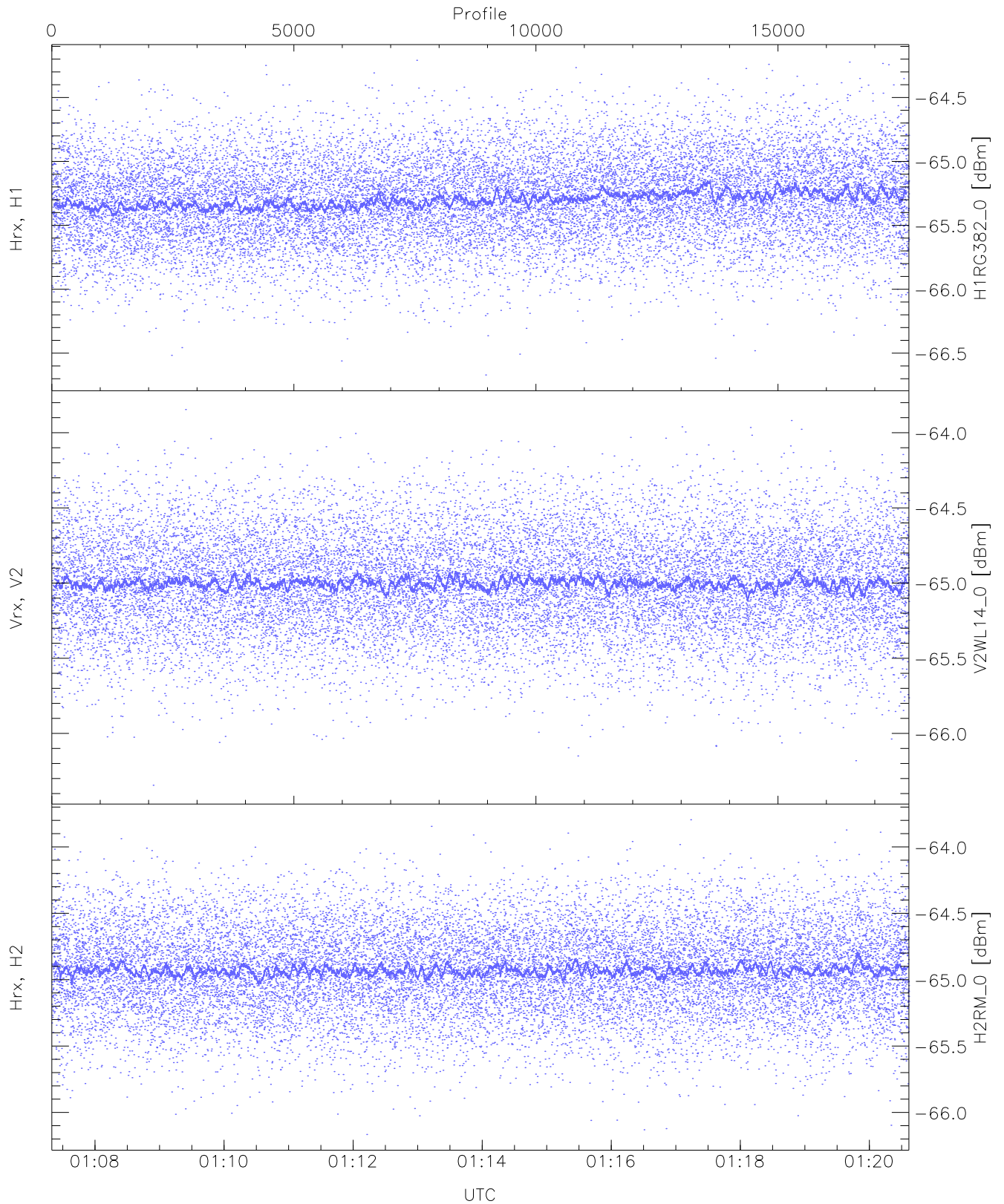
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.92	-63.55	-64.70	-64.71	-76.21
Vrx, V2 (HL [dBm])	-66.01	-63.65	-64.74	-64.75	-76.27
Hrx, H2 (HL [dBm])	-66.02	-63.45	-64.70	-64.70	-76.22



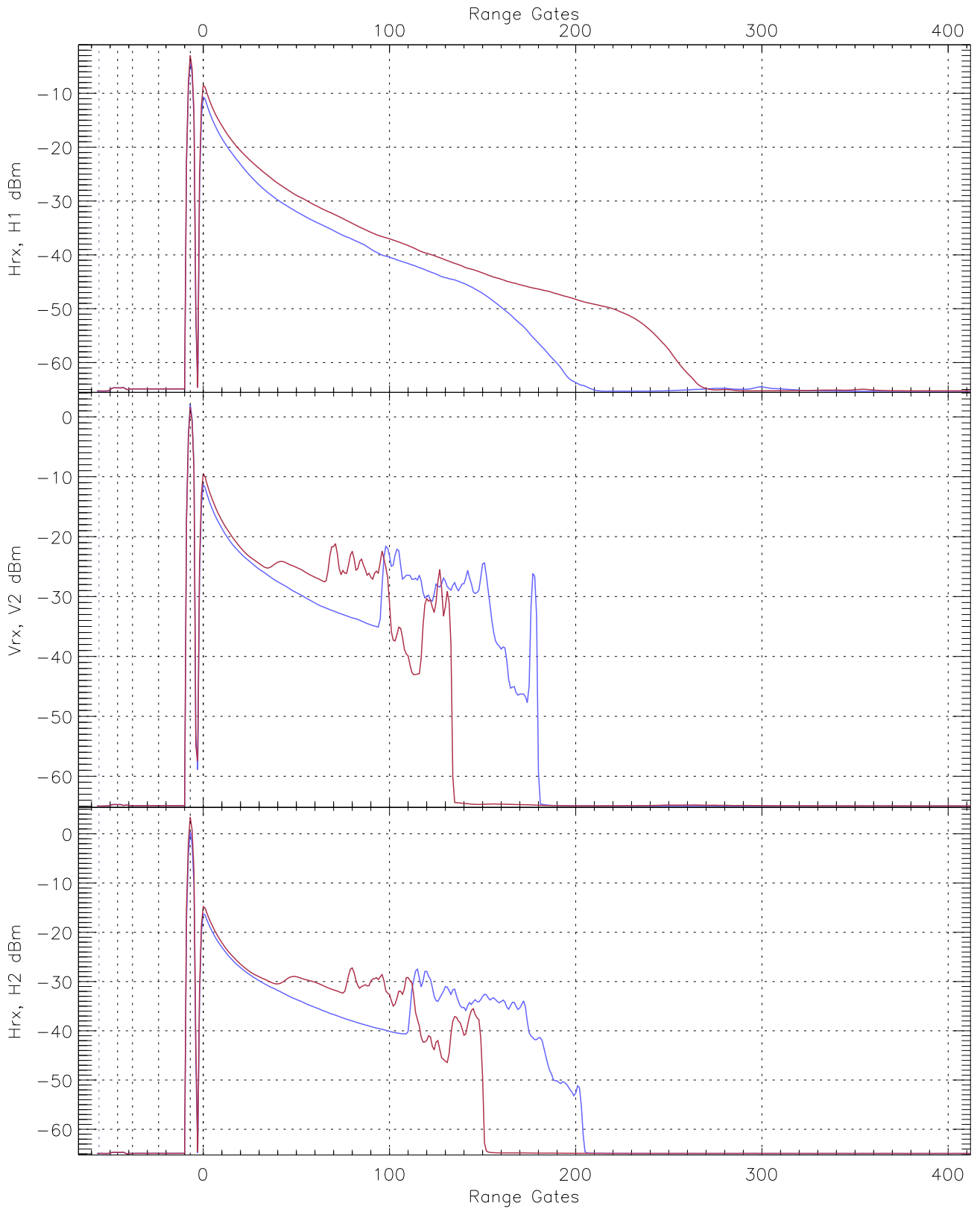
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.51	-64.15	-65.29	-65.30	-76.75
Vrx, V2 (RM [dBm])	-66.50	-61.90	-64.99	-65.00	-76.34
Hrx, H2 (RM [dBm])	-66.14	-63.77	-64.90	-64.91	-76.38

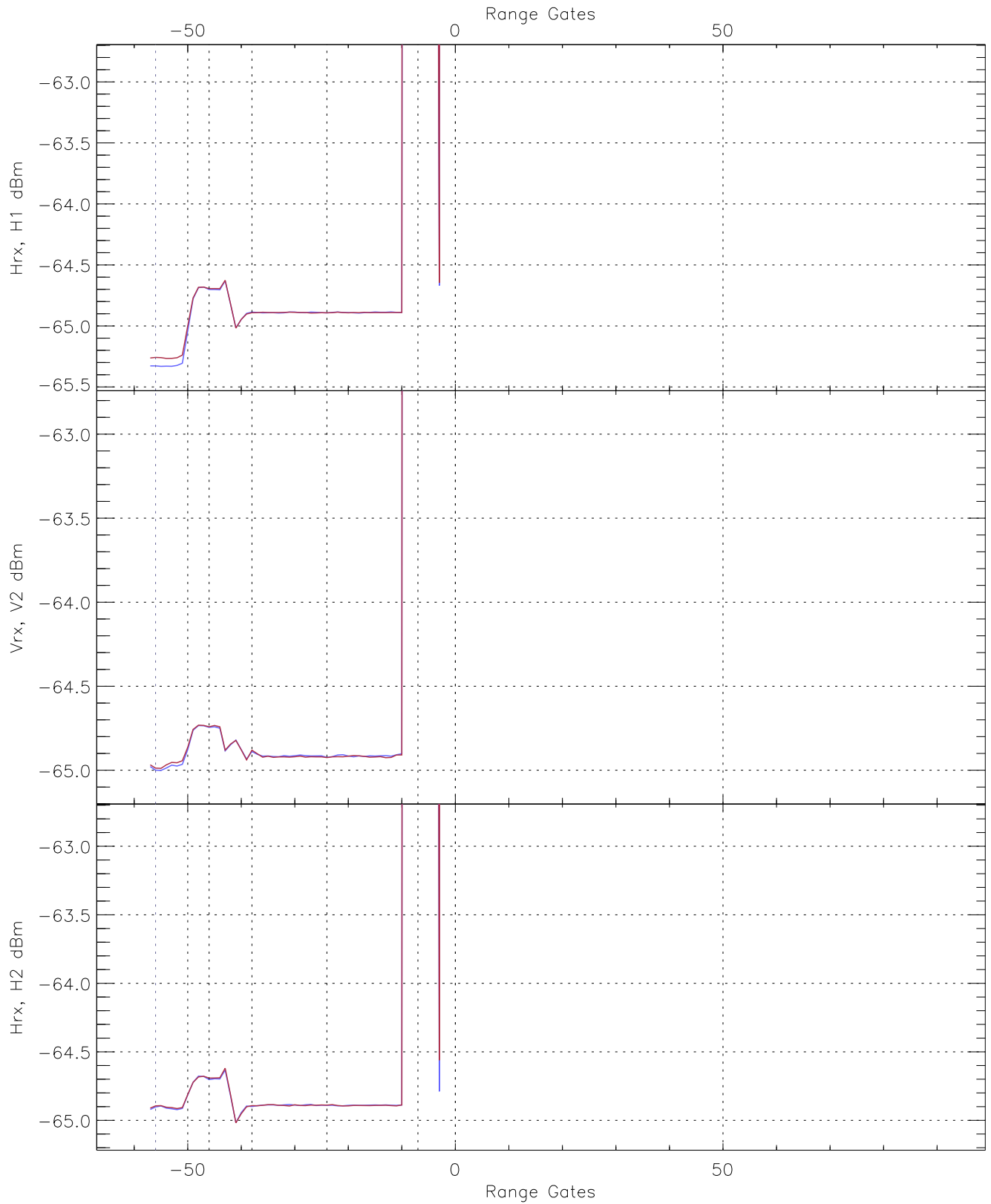


WCR3 CPP "Best" estimate Receivers Noise Power

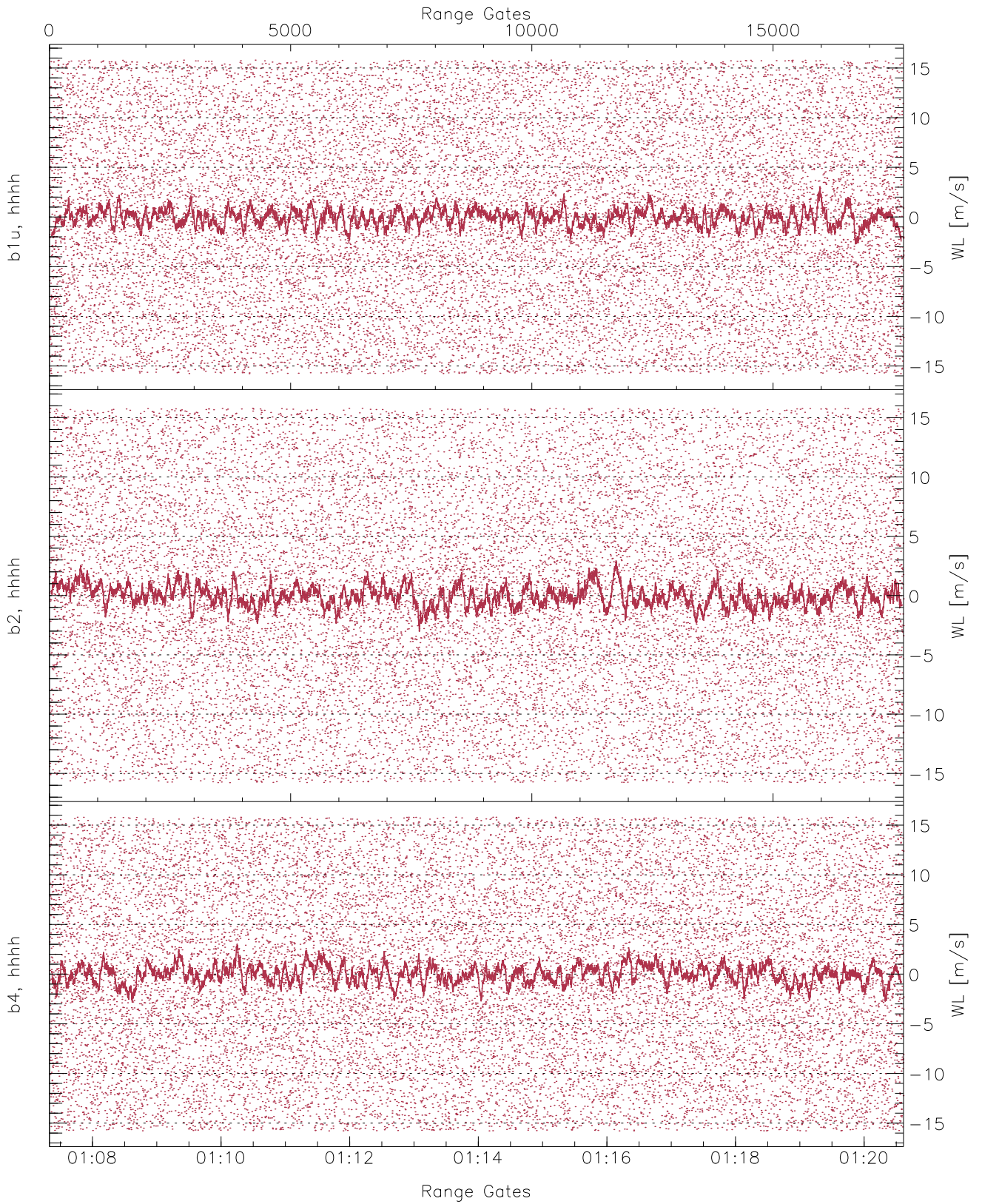
	Min	Max	Mean	Median	StDev
H1RG382_0 [dBm]	-66.67	-64.21	-65.29	-65.30	-76.74
V2WL14_0 [dBm]	-66.34	-63.85	-65.00	-65.00	-76.50
H2RM_0 [dBm]	-66.17	-63.80	-64.92	-64.93	-76.40



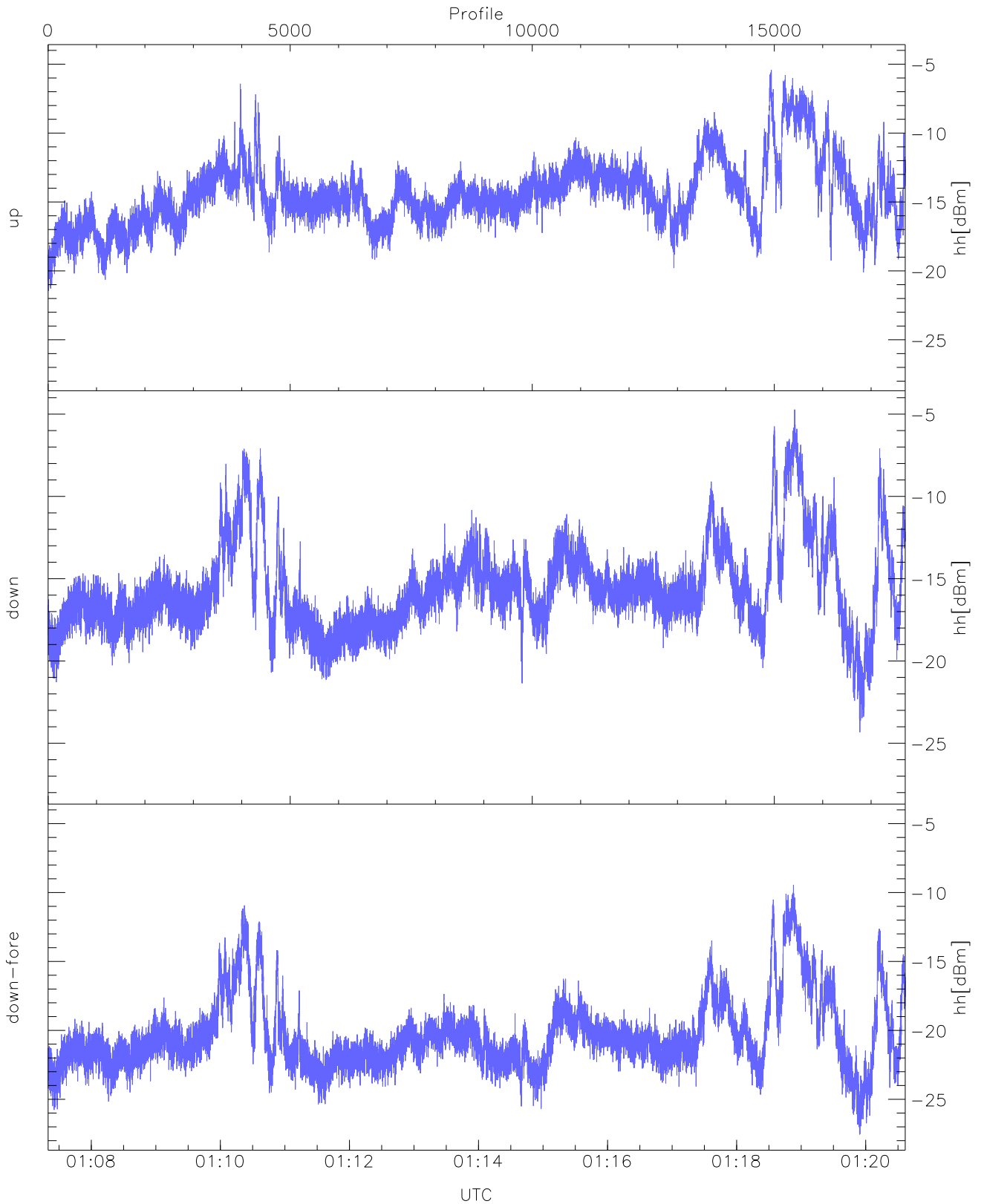
WCR3 CPP Averaged Received power for all recorded gates
blue: 010720-011358, 8854 profiles averaged
red: 011358-012037, 8853 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 010720-011358, 8854 profiles averaged
red: 011358-012037, 8853 profiles averaged

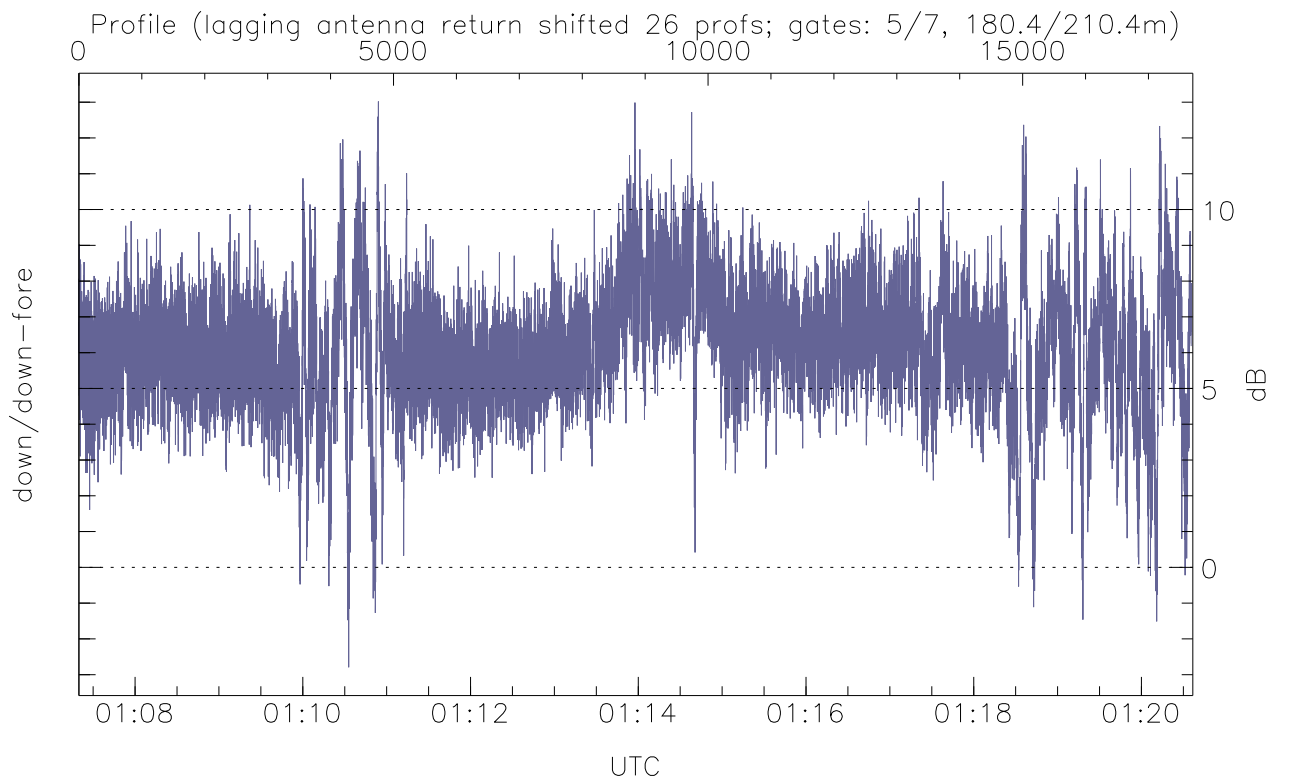
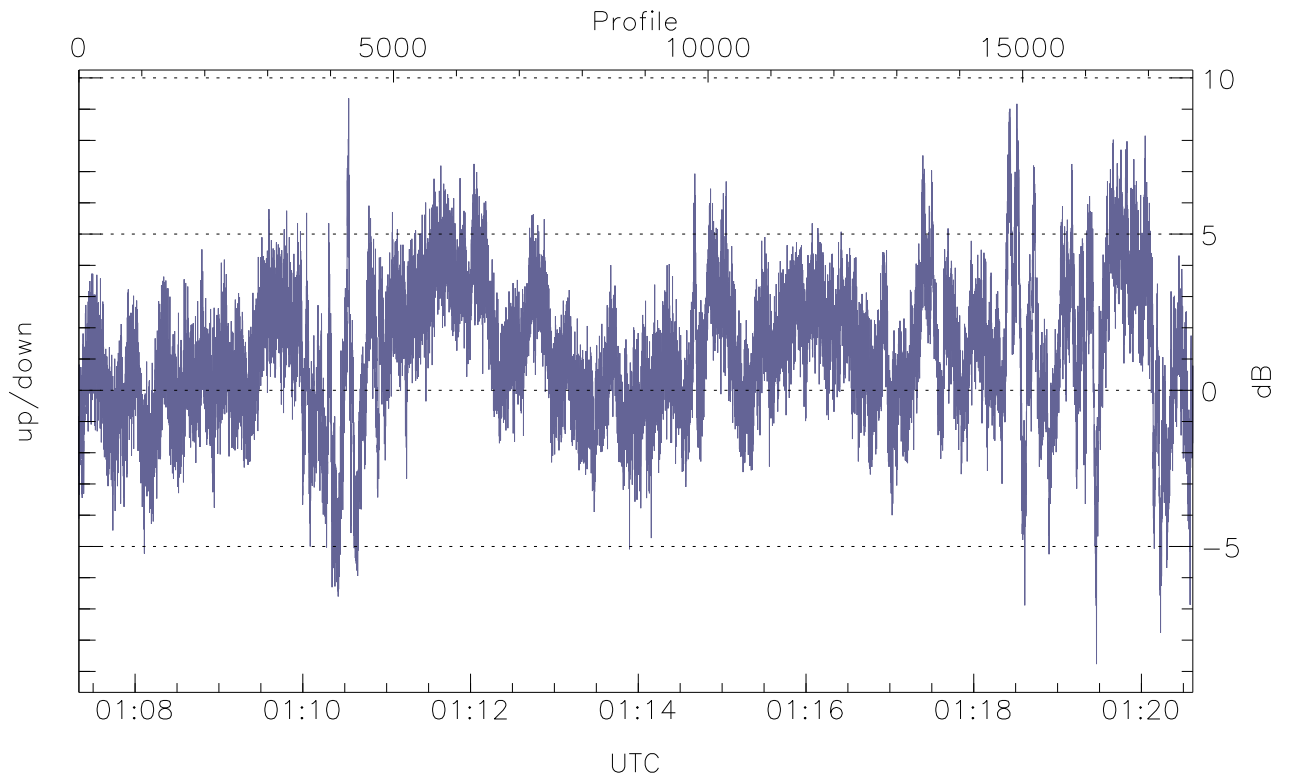


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



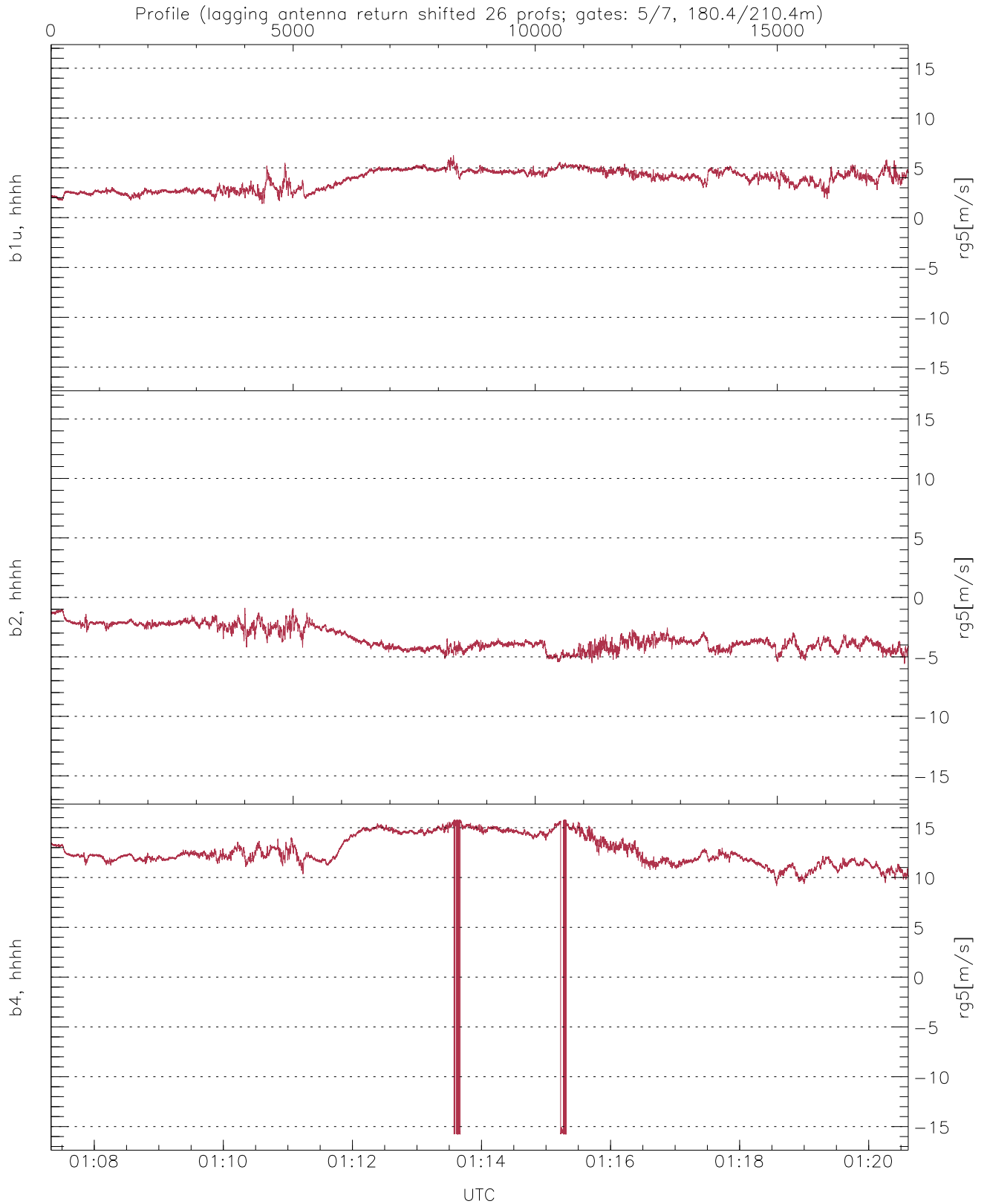
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-21.46	-5.42	-13.70
down(hh[dBm])	-24.33	-4.72	-14.62
down-fore(hh[dBm])	-27.55	-9.45	-19.33



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

	Min	Max	Mean
up/down (dB)	-8.77	9.35	1.17
down/down-fore (dB)	-2.79	13.02	6.13



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.38	6.28	3.82	0.97
b2, hhhh(rg5[m/s])	-5.59	-0.88	-3.46	0.97
b4, hhhh(rg5[m/s])	-15.78	15.79	12.50	2.79