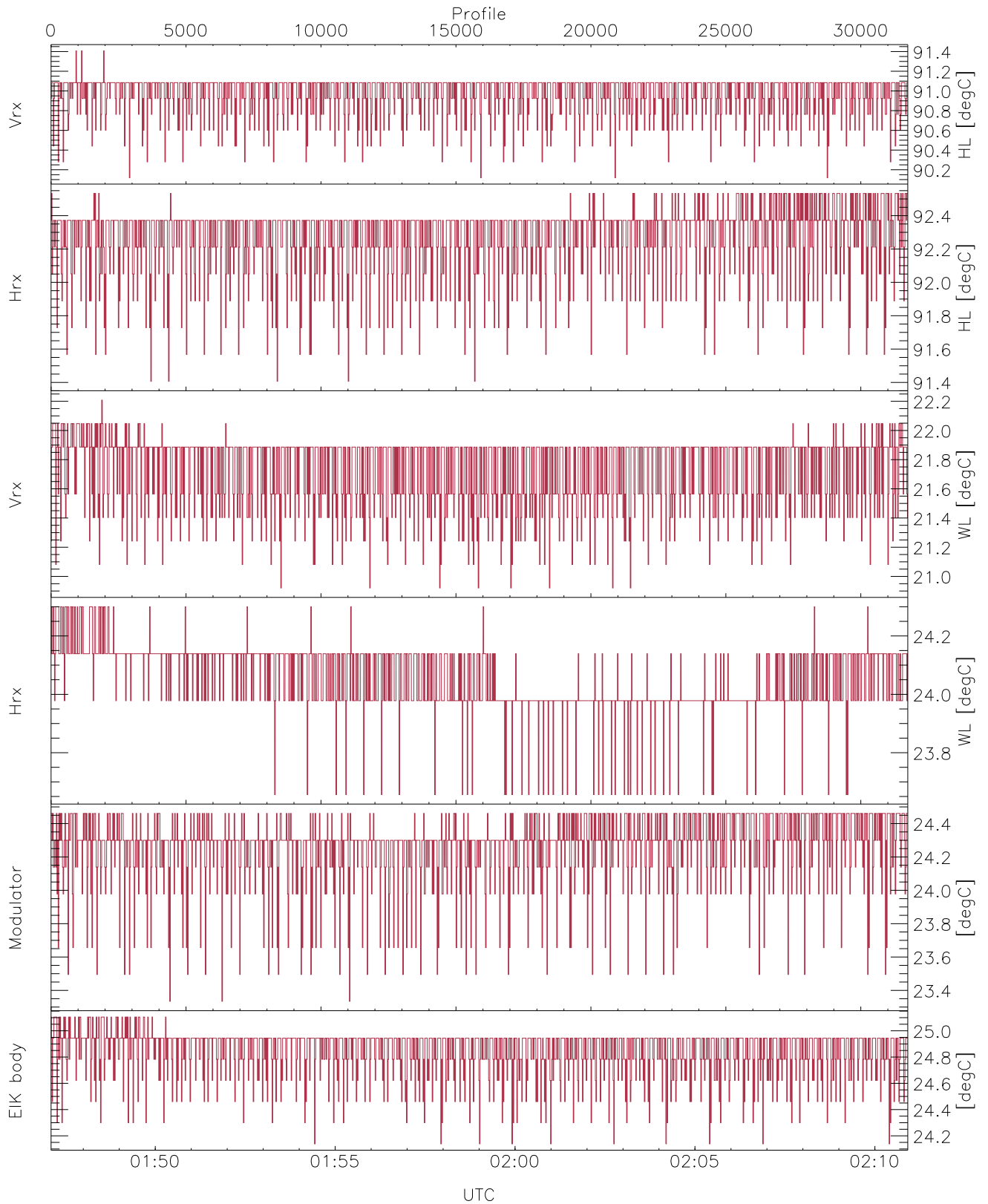


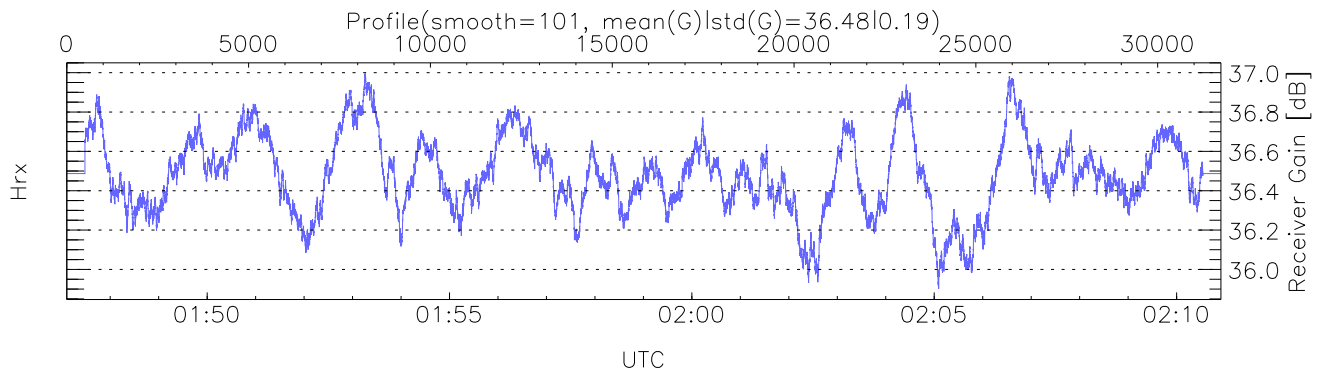
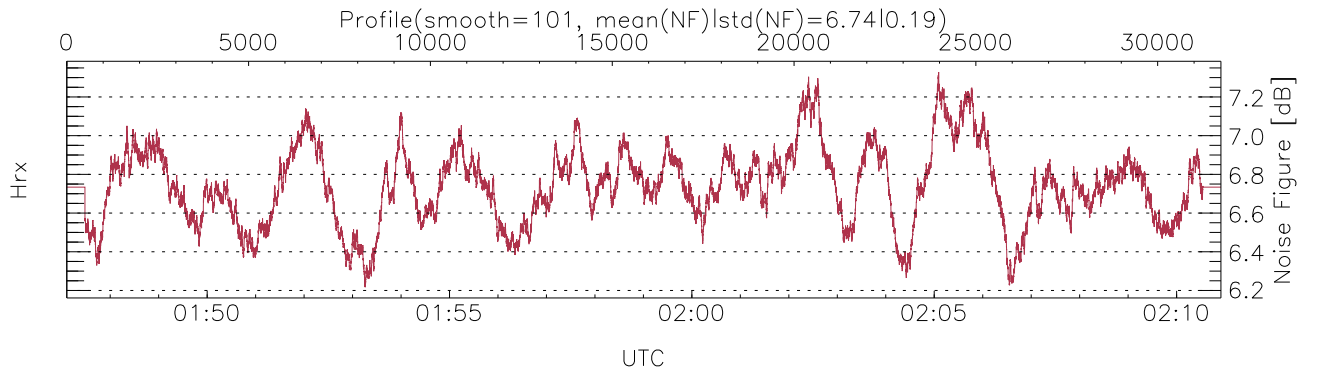
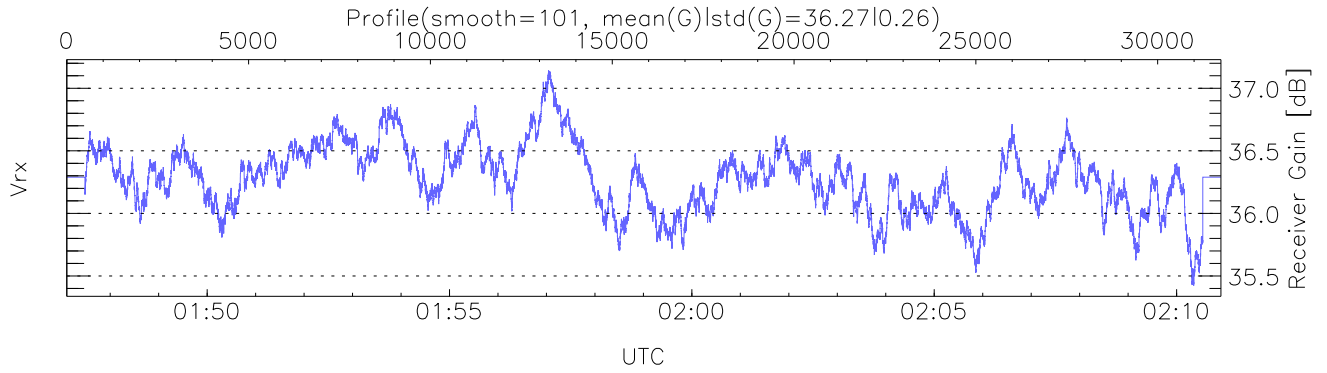
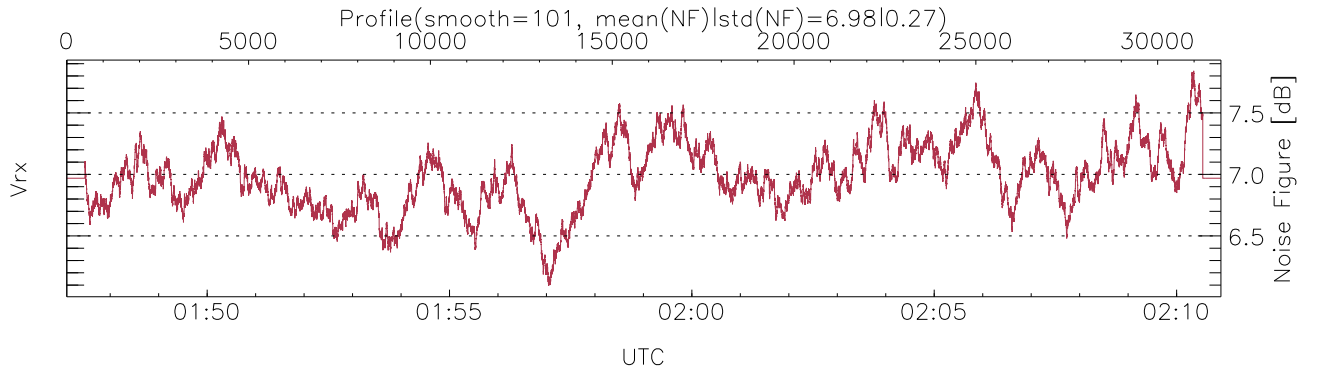
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:47:06-02:10:55, TimeCor: 0.00s, Dur: 1428.66s
 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): 31741/31741, 0-31740/01:47:06-02:10:55
 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



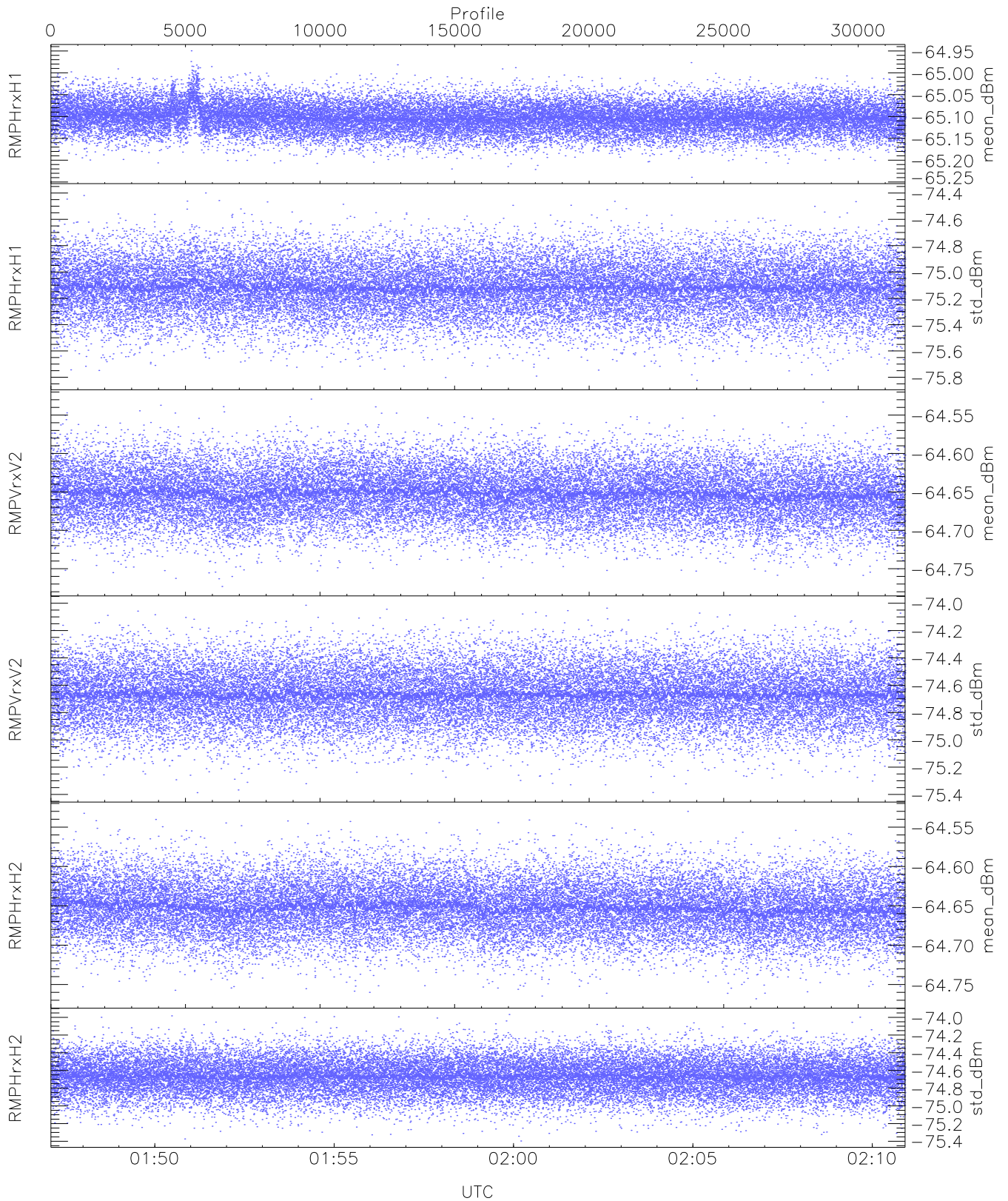
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,23,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,24,25`
`LOalarm(20,240,2817,14861 MHz): 0,0,68,0`
`EIK/Modulator Faults: None`



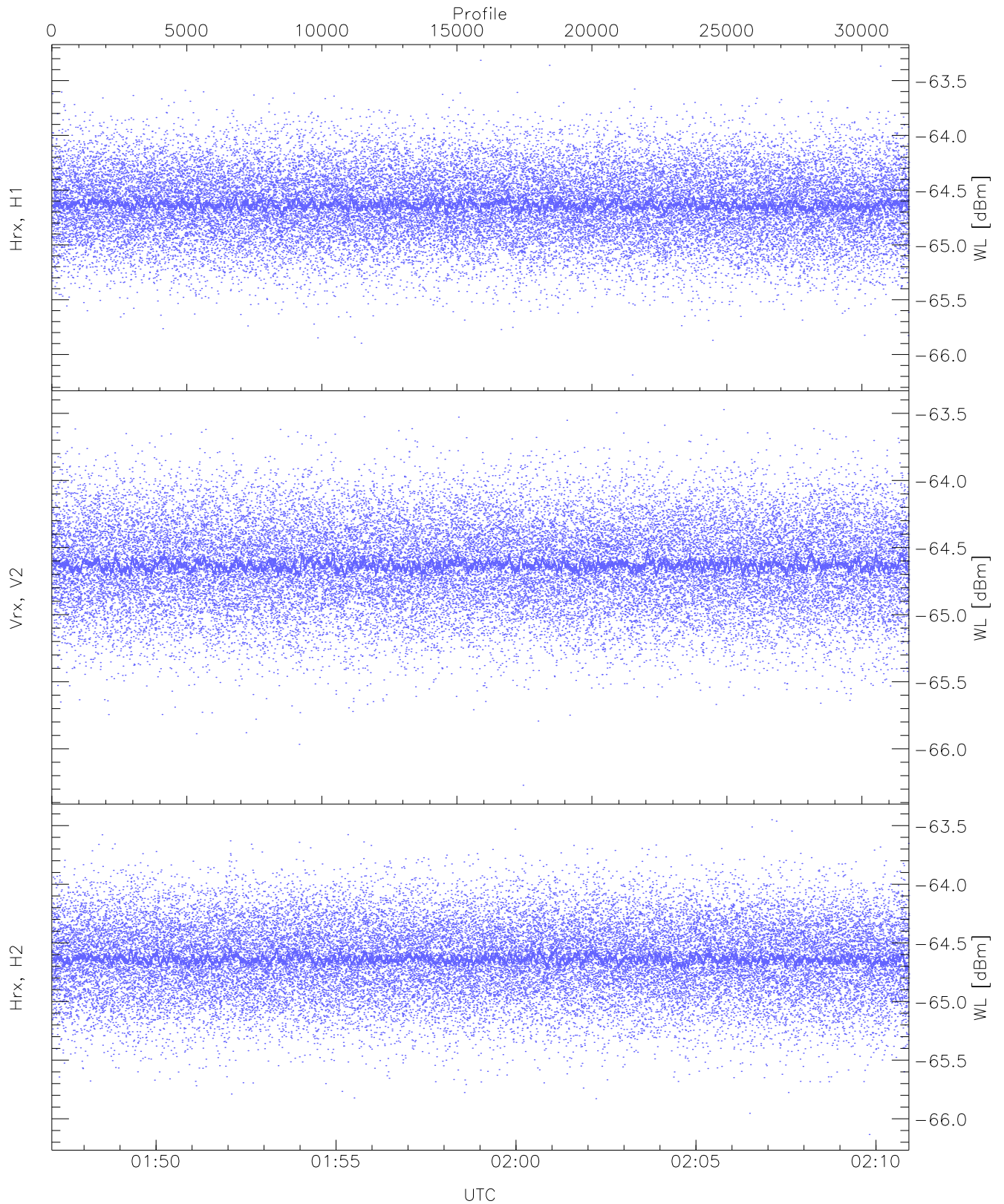
WCR3 CPP Receivers Gain and Noise Figure

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



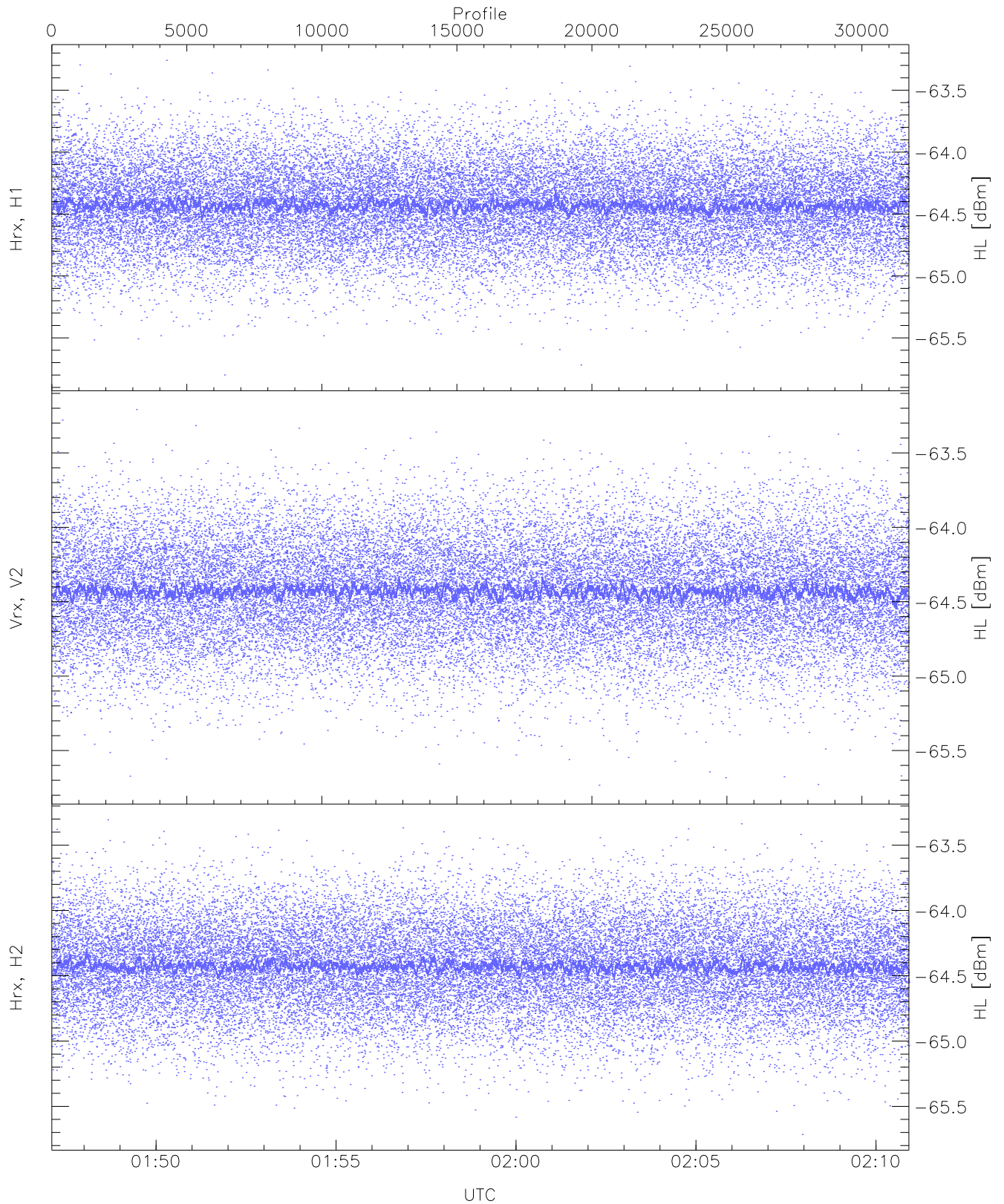
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.24	-64.95	-65.10	-65.10	-86.58
RMPHrxH1 (std_dBm)	-75.82	-74.40	-75.12	-75.12	-88.90
RMPVrxV2 (mean_dBm)	-64.77	-64.53	-64.65	-64.65	-86.23
RMPVrxV2 (std_dBm)	-75.39	-74.01	-74.67	-74.67	-88.48
RMPHrxH2 (mean_dBm)	-64.77	-64.53	-64.65	-64.65	-86.25
RMPHrxH2 (std_dBm)	-75.40	-73.97	-74.67	-74.67	-88.48



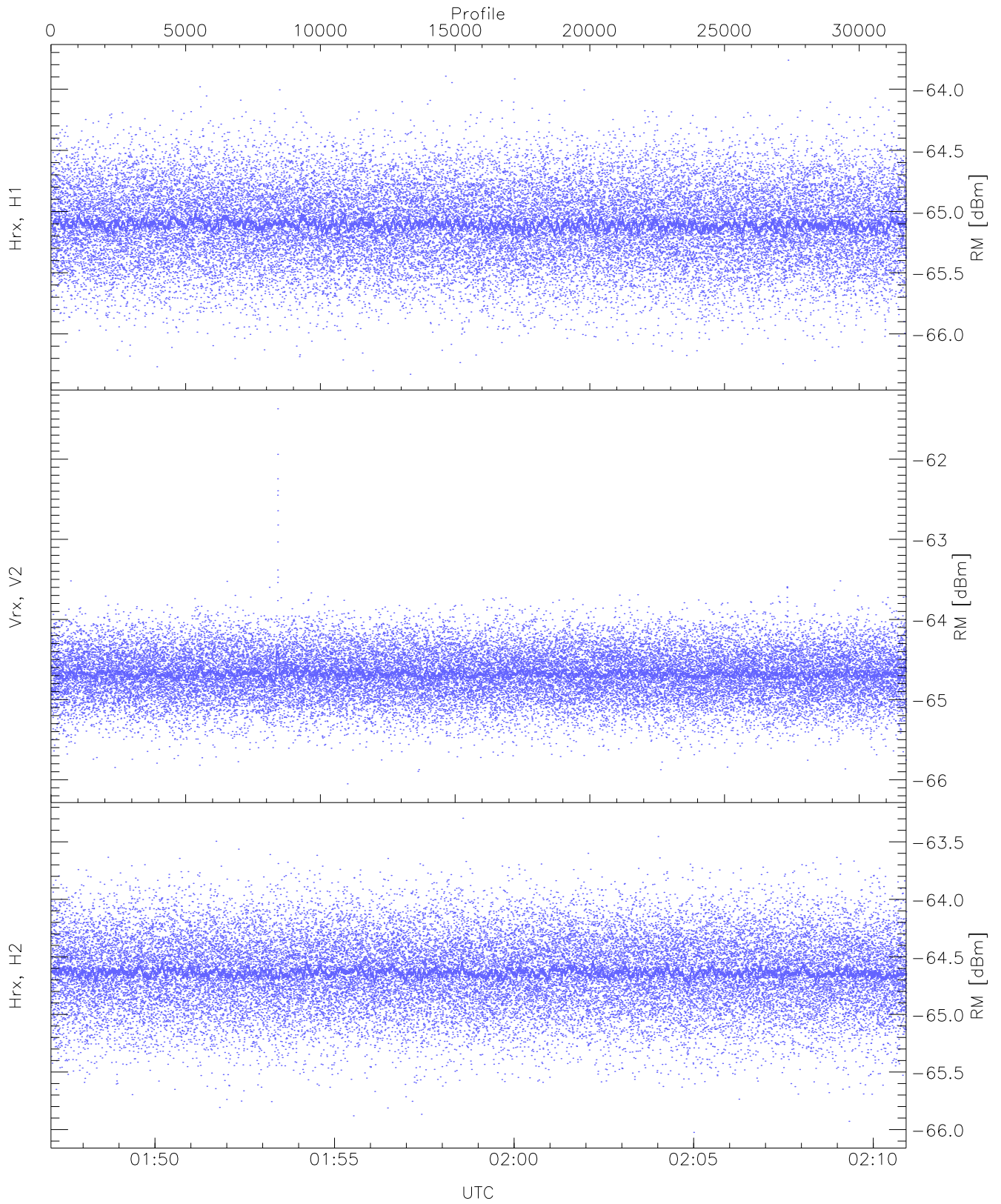
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.19	-63.31	-64.63	-64.64	-76.11
Vrx, V2 (WL [dBm])	-66.27	-63.47	-64.62	-64.63	-76.12
Hrx, H2 (WL [dBm])	-66.13	-63.45	-64.63	-64.63	-76.13



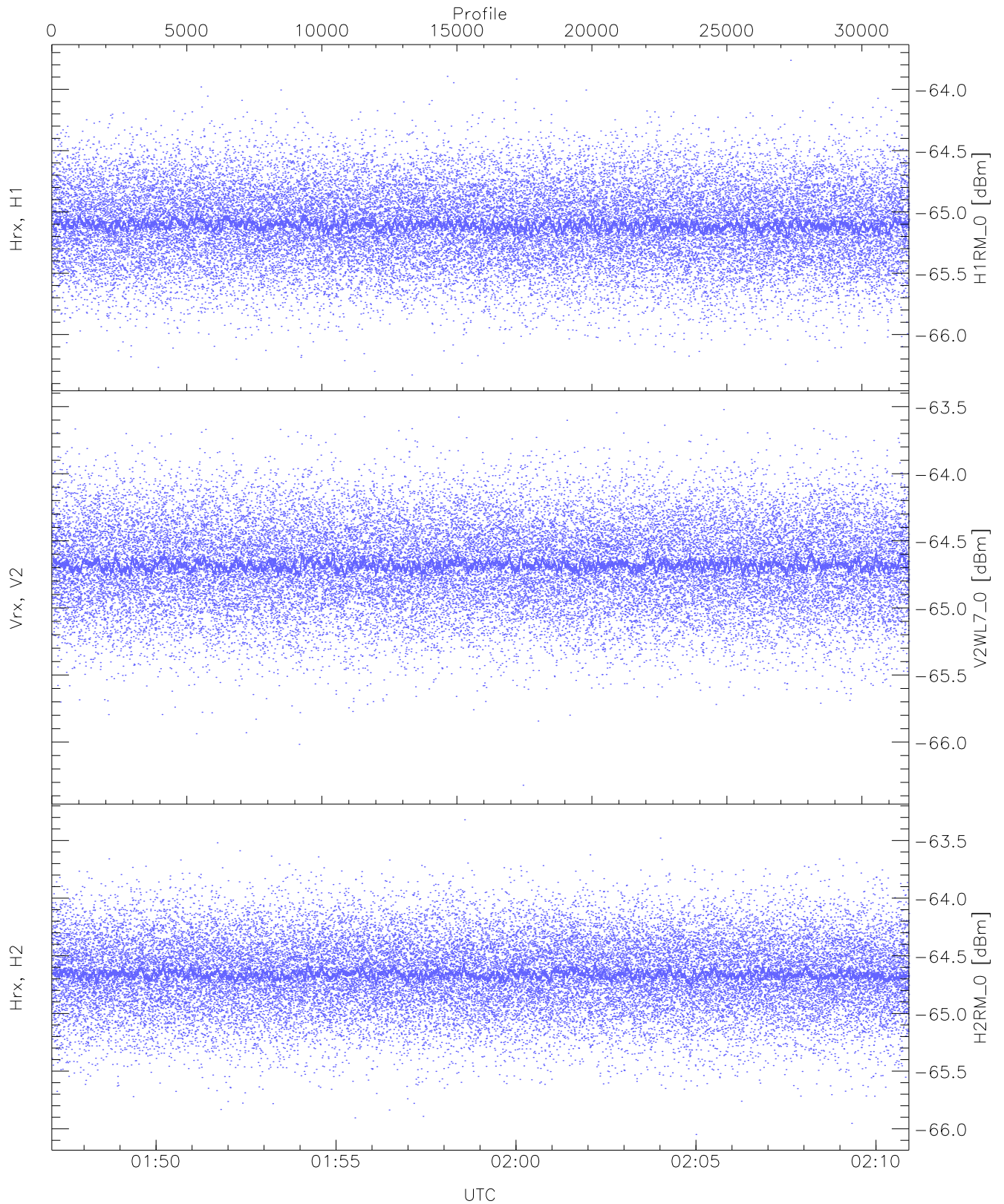
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.80	-63.26	-64.42	-64.43	-75.94
Vrx, V2 (HL [dBm])	-65.73	-63.21	-64.42	-64.43	-75.92
Hrx, H2 (HL [dBm])	-65.72	-63.31	-64.42	-64.43	-75.93



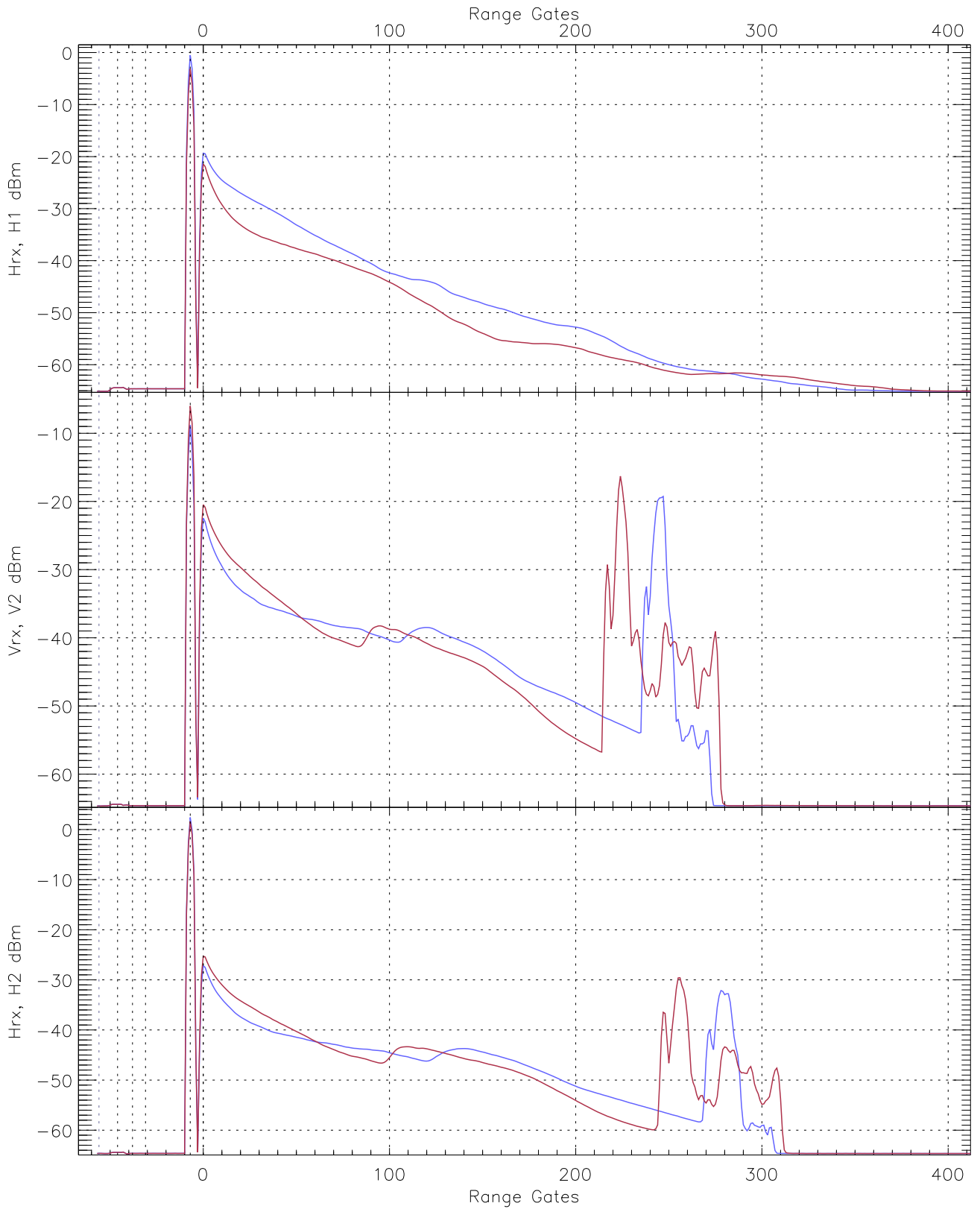
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.33	-63.76	-65.10	-65.11	-76.62
Vrx, V2 (RM [dBm])	-66.05	-61.37	-64.67	-64.68	-76.12
Hrx, H2 (RM [dBm])	-66.02	-63.30	-64.63	-64.64	-76.11

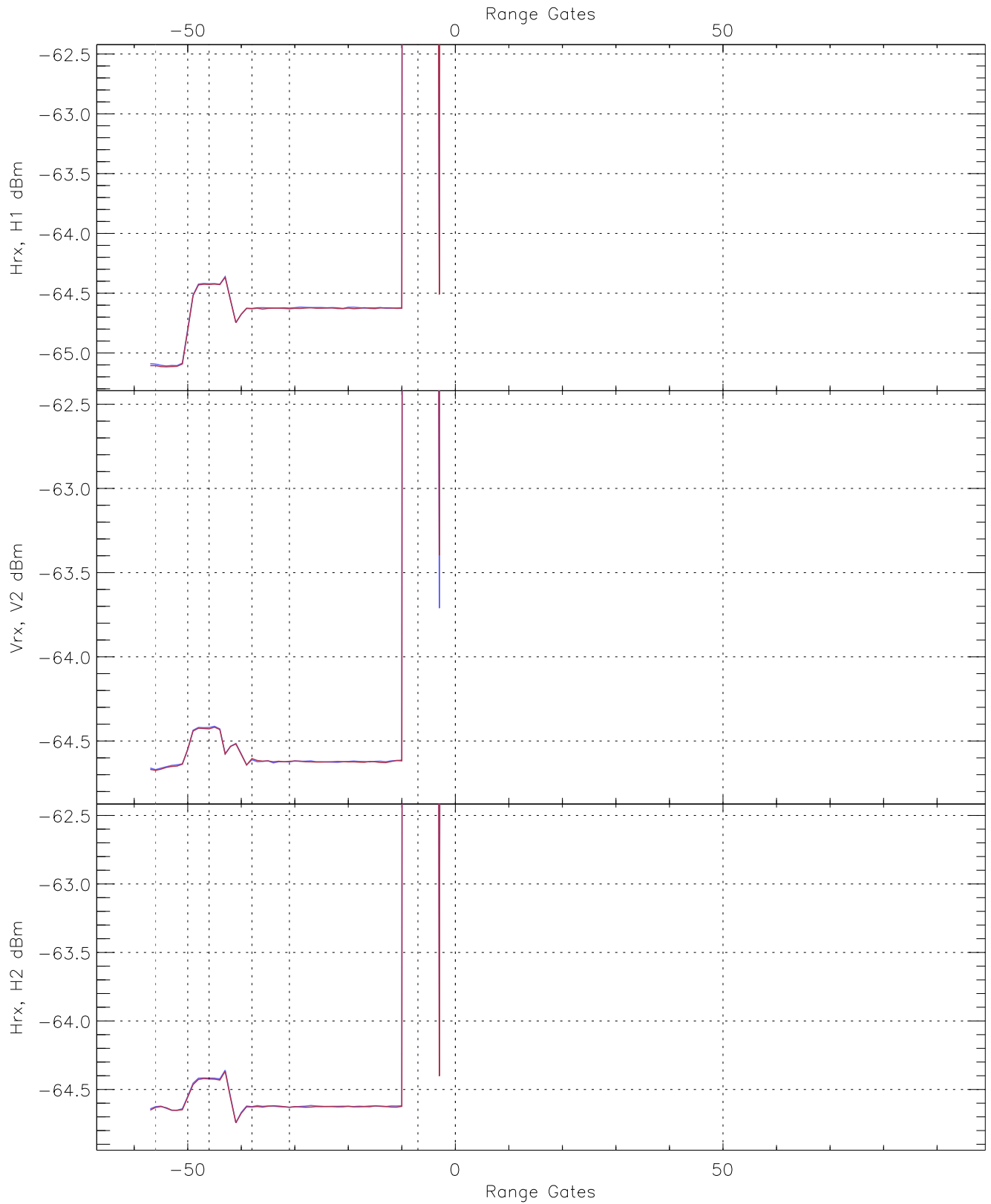


WCR3 CPP "Best" estimate Receivers Noise Power

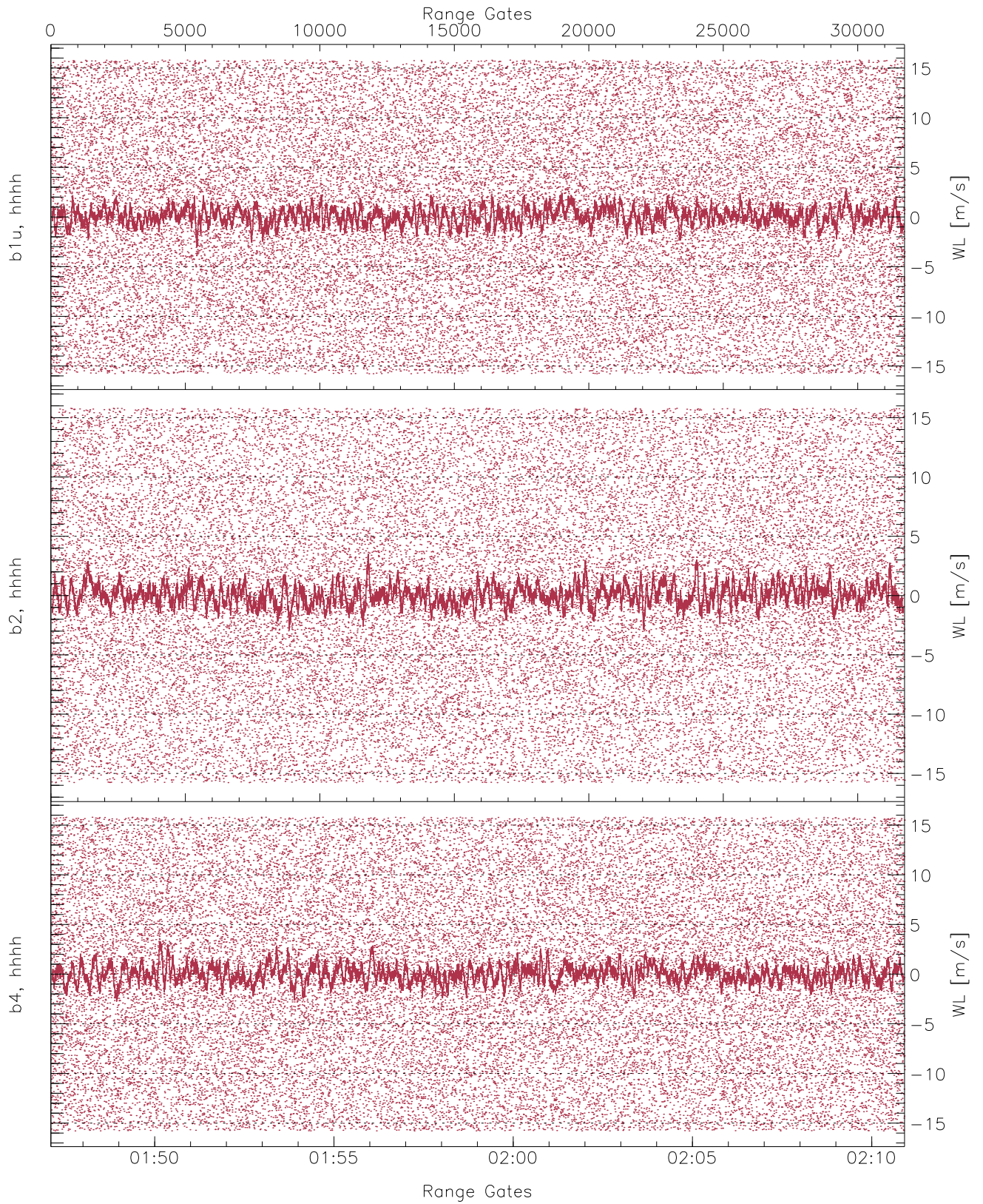
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.33	-63.76	-65.10	-65.11	-76.62
V2WL7_0 [dBm]	-66.32	-63.52	-64.67	-64.68	-76.17
H2RM_0 [dBm]	-66.05	-63.32	-64.65	-64.66	-76.13



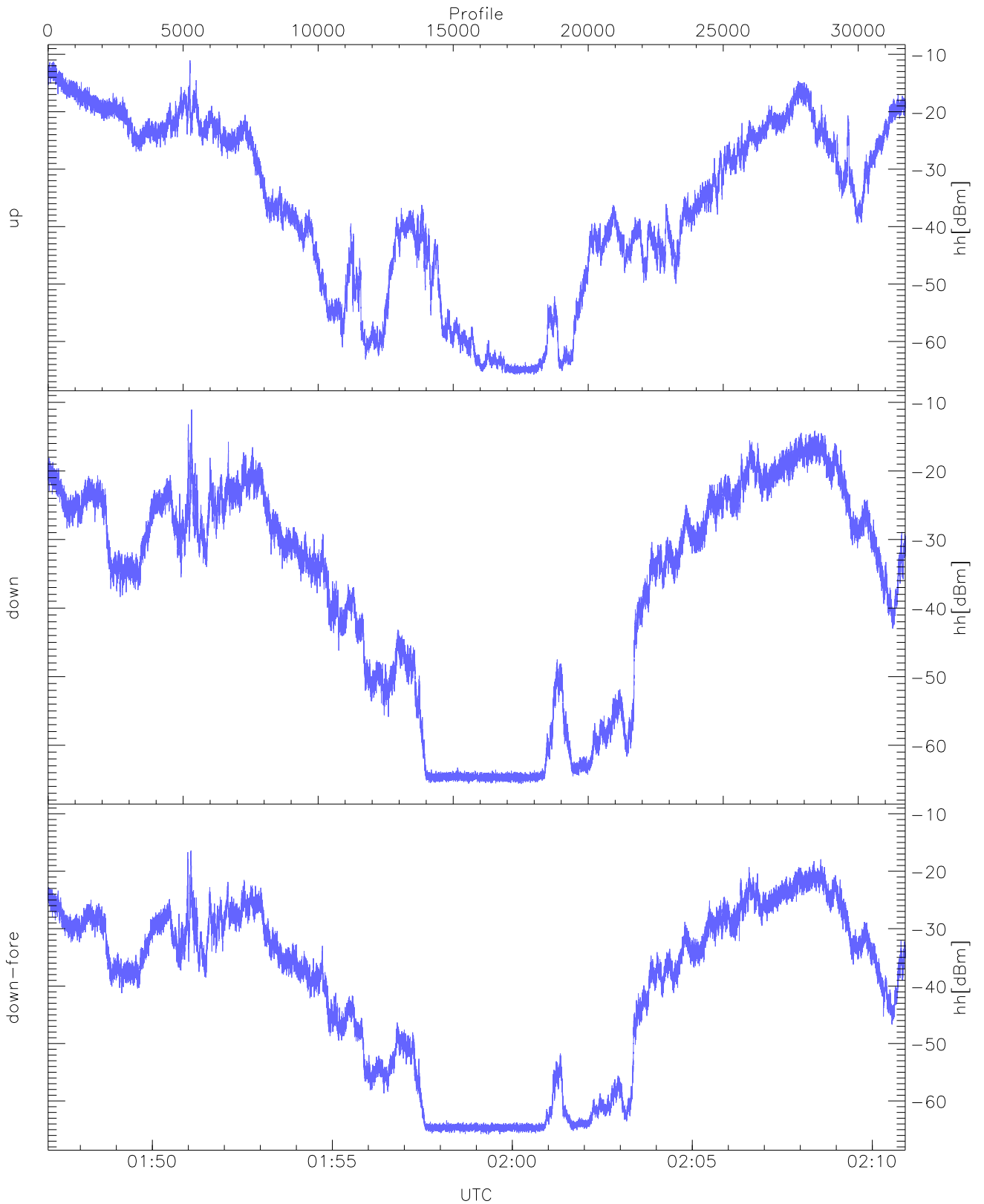
WCR3 CPP Averaged Received power for all recorded gates
blue: 014706-015901, 15871 profiles averaged
red: 015901-021055, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 014706-015901, 15871 profiles averaged
red: 015901-021055, 15871 profiles averaged

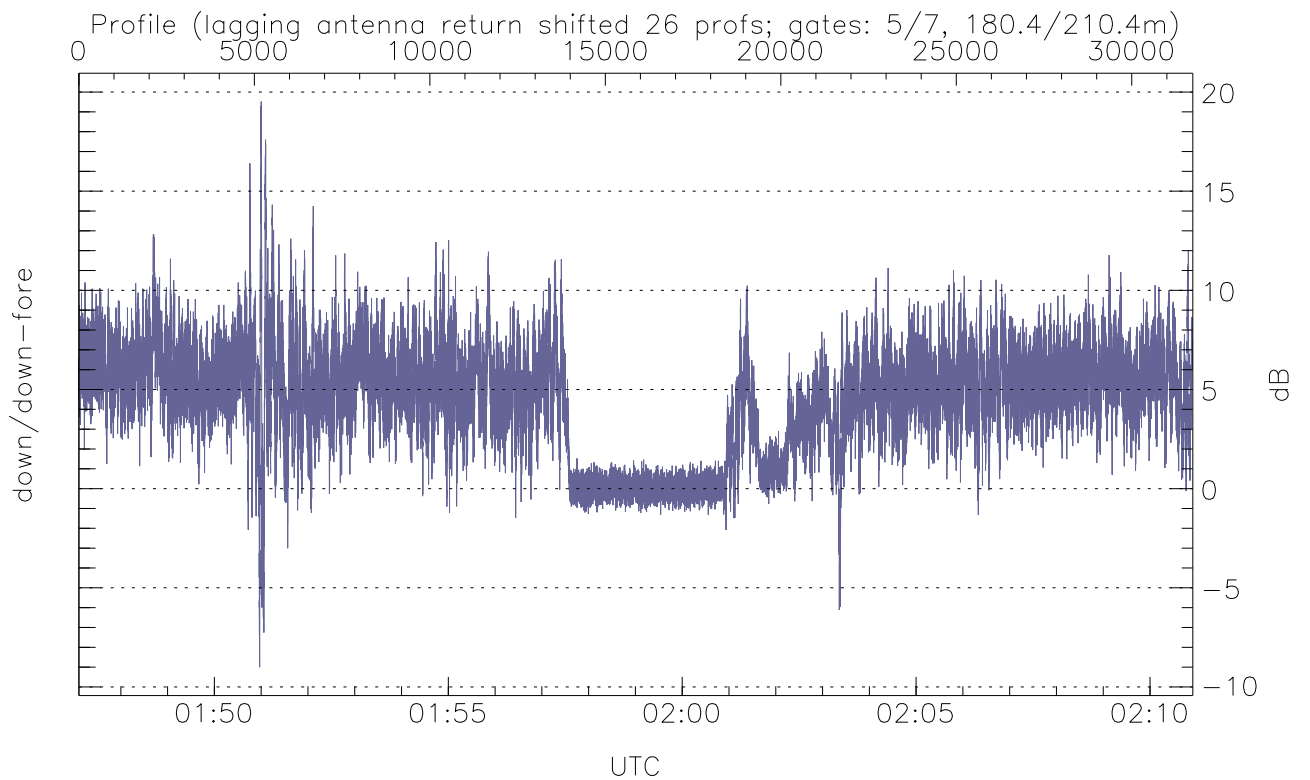
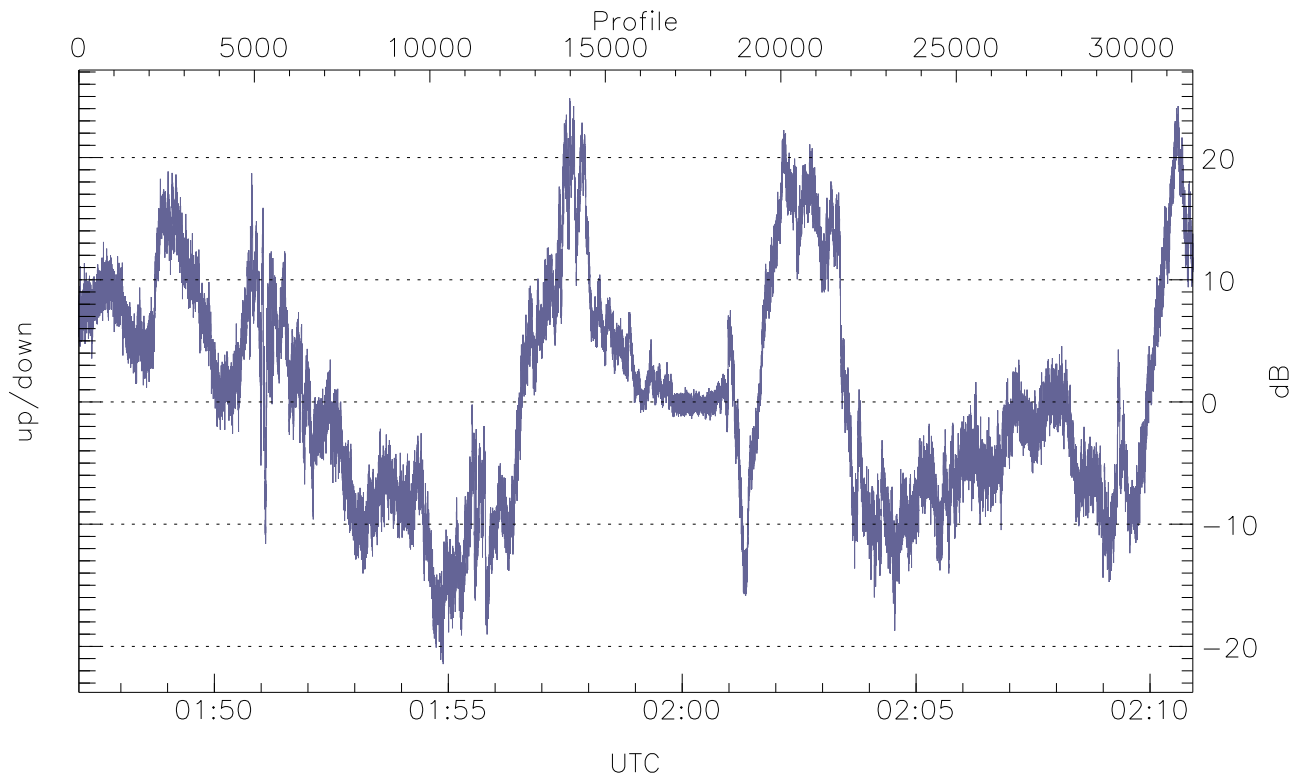


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



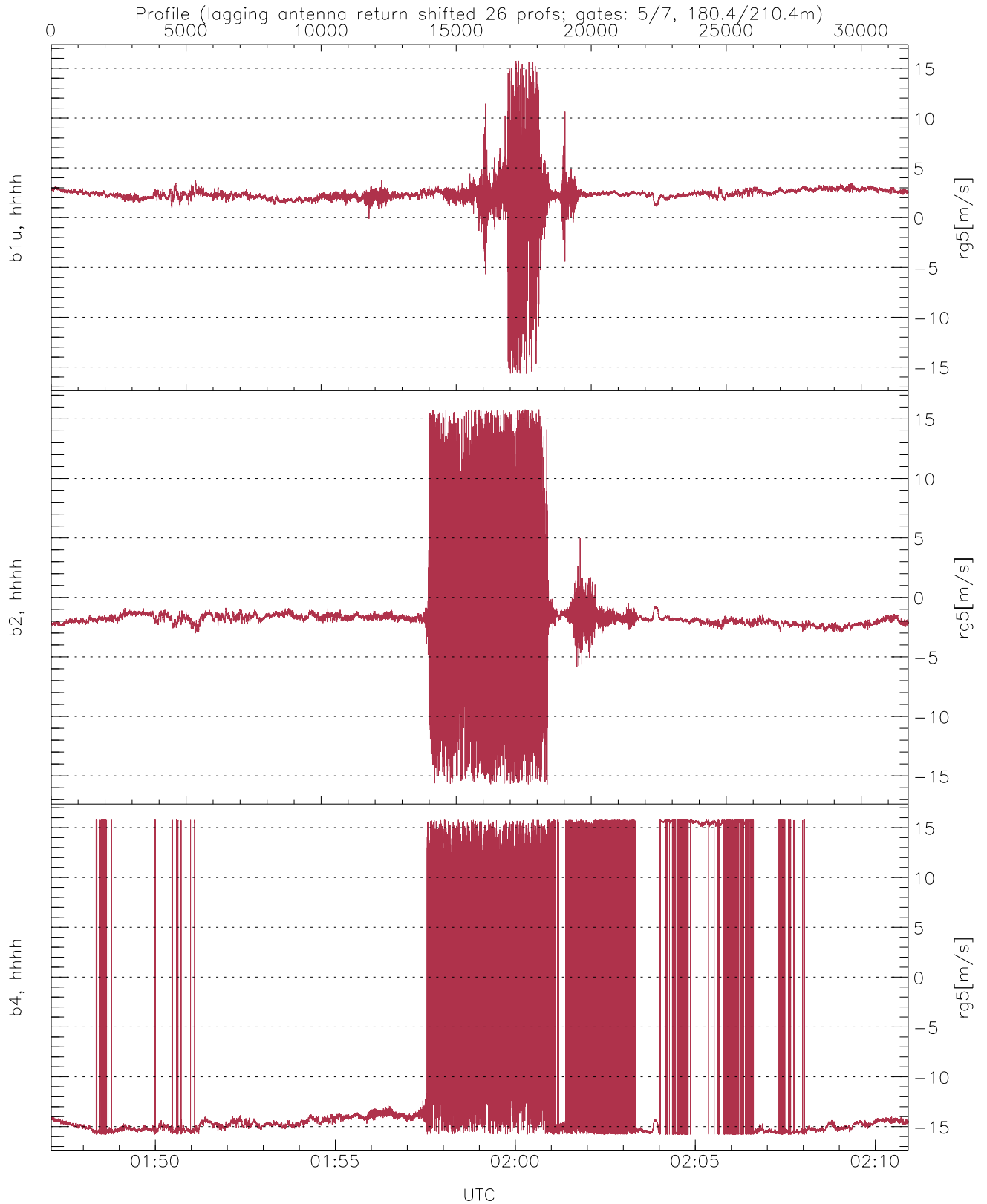
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.76	-11.06	-23.77
down(hh[dBm])	-65.64	-11.05	-25.13
down-fore(hh[dBm])	-65.83	-16.40	-29.62



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

	Min	Max	Mean
up/down (dB)	-21.45	24.85	0.62
down/down-fore (dB)	-9.01	19.52	4.46



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.65	15.74	2.32	1.34
b2, hhhh(rg5[m/s])	-15.72	15.79	-1.56	3.11
b4, hhhh(rg5[m/s])	-15.79	15.79	-9.21	10.87