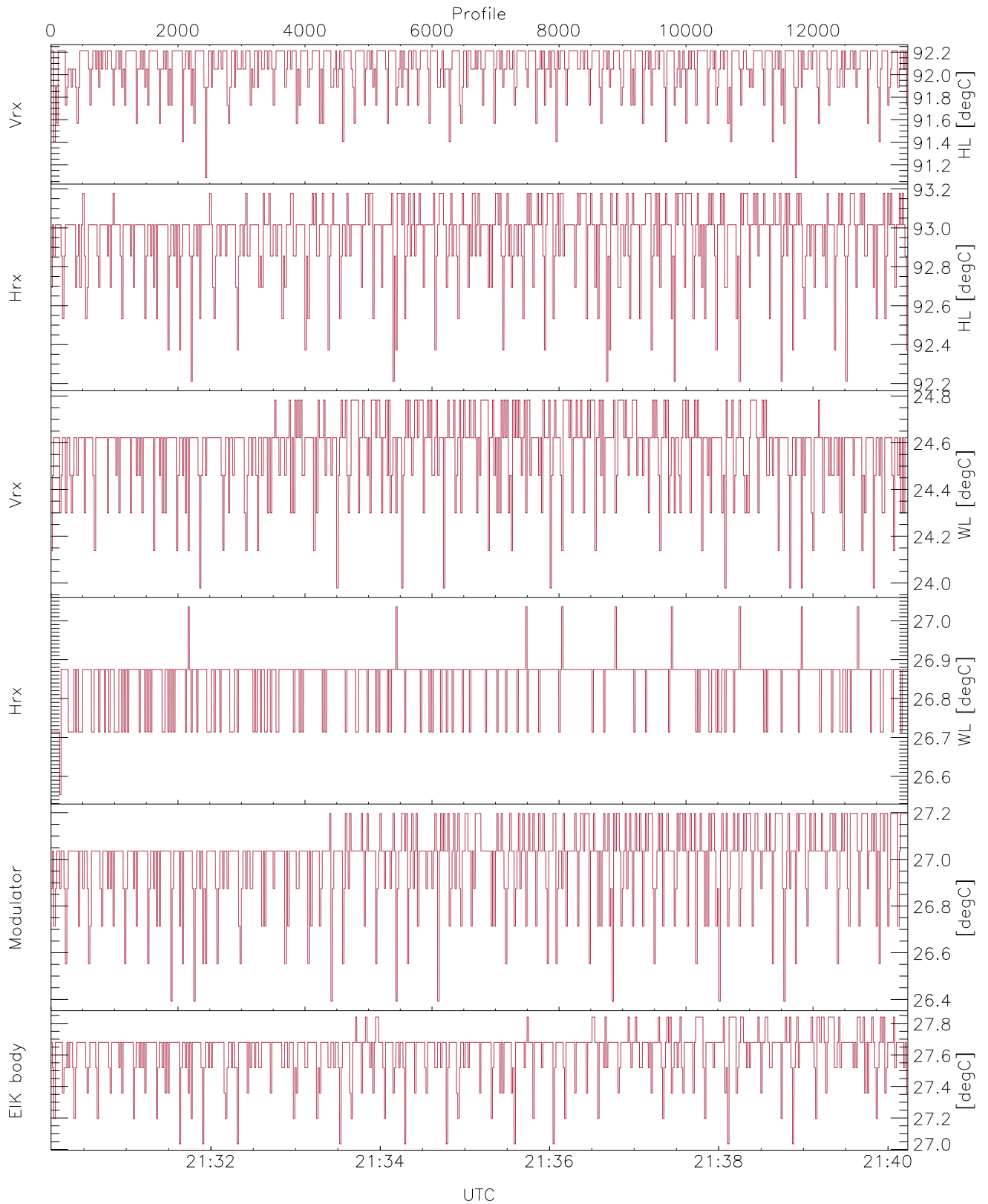


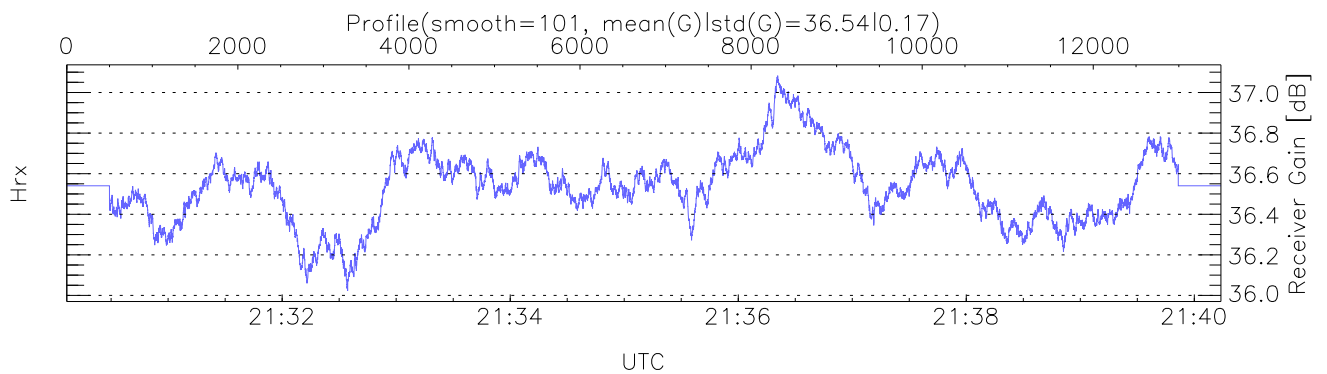
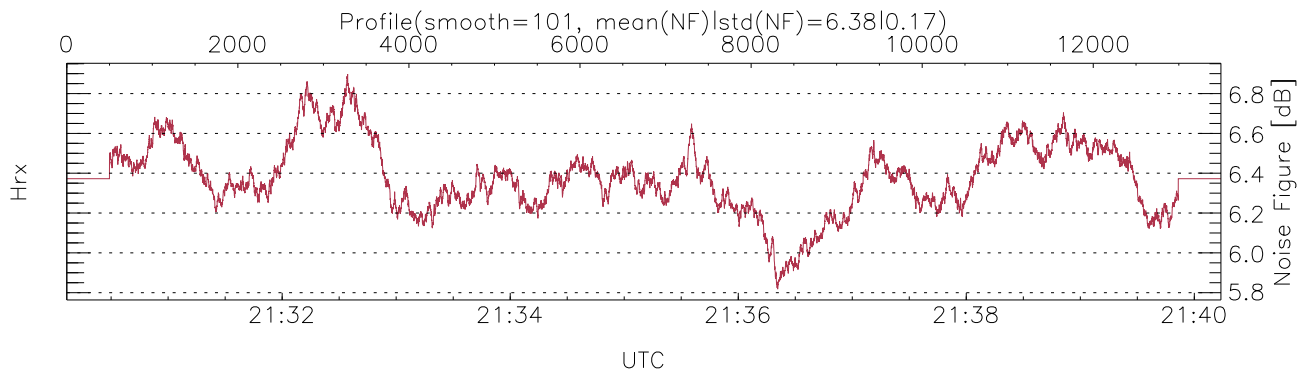
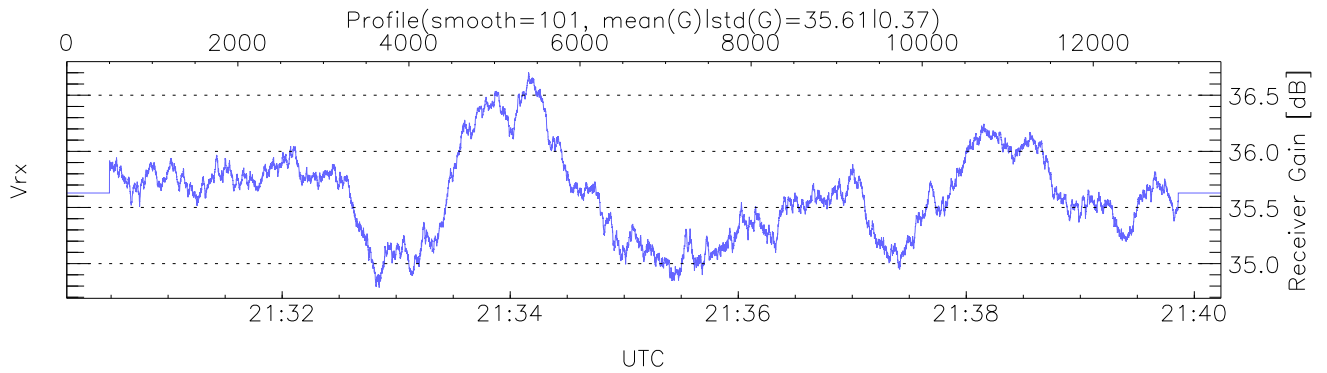
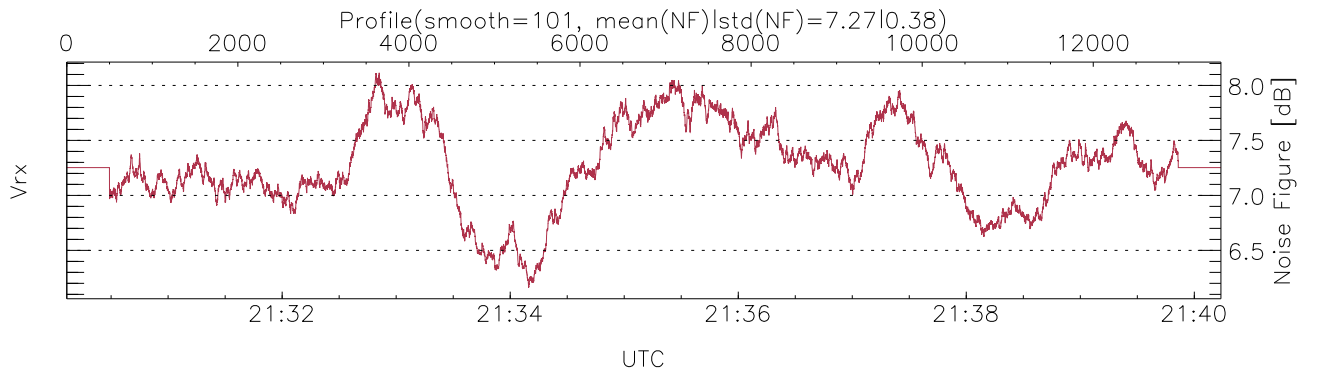
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:30:07-21:40:14, TimeCor: 0.00s, Dur: 607.34s
 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): 13494/13494, 0-13493/21:30:07-21:40:14
 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



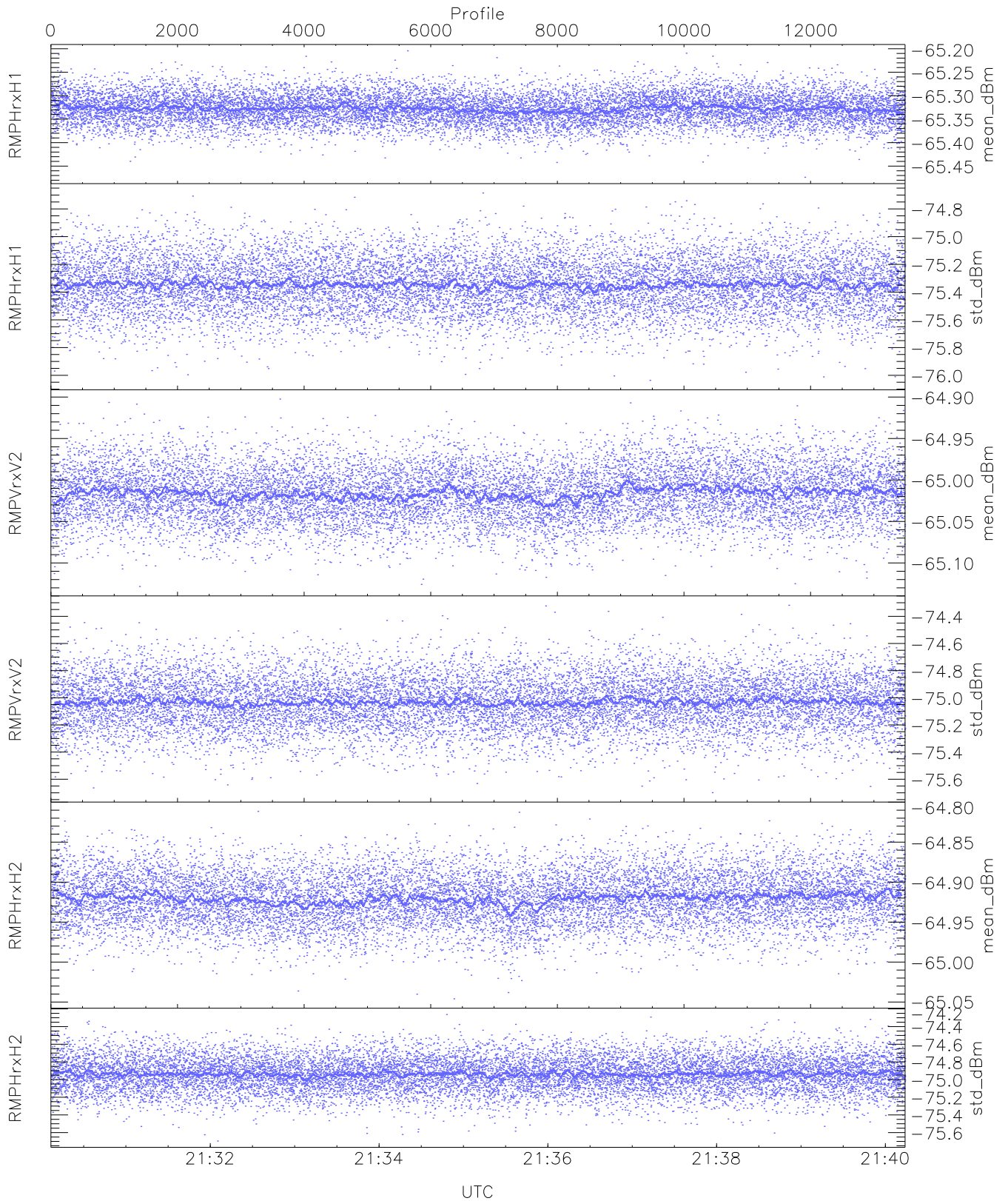
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,26,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,27,27
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK/Modulator Faults: None



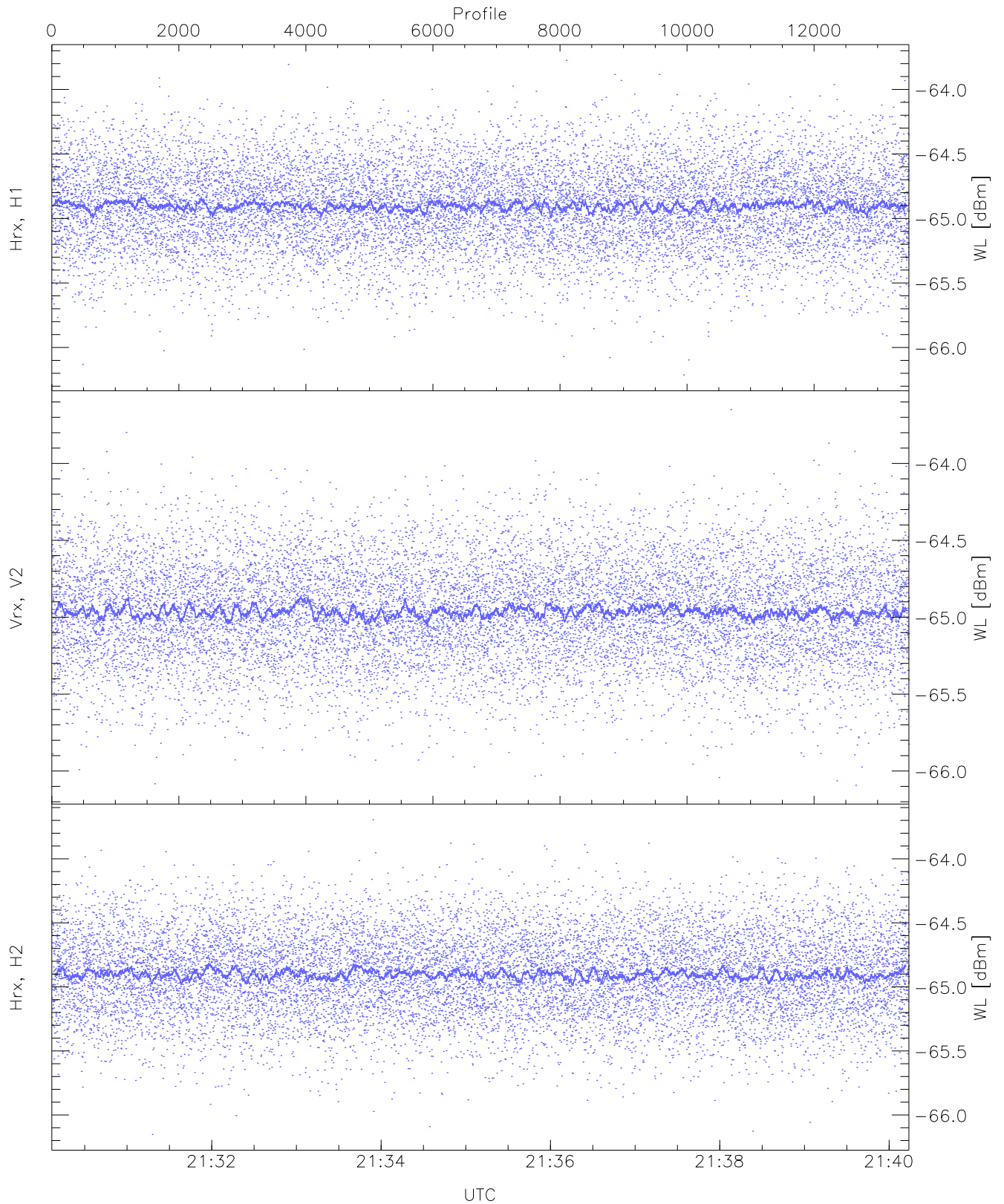
WCR3 CPP Receivers Gain and Noise Figure

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



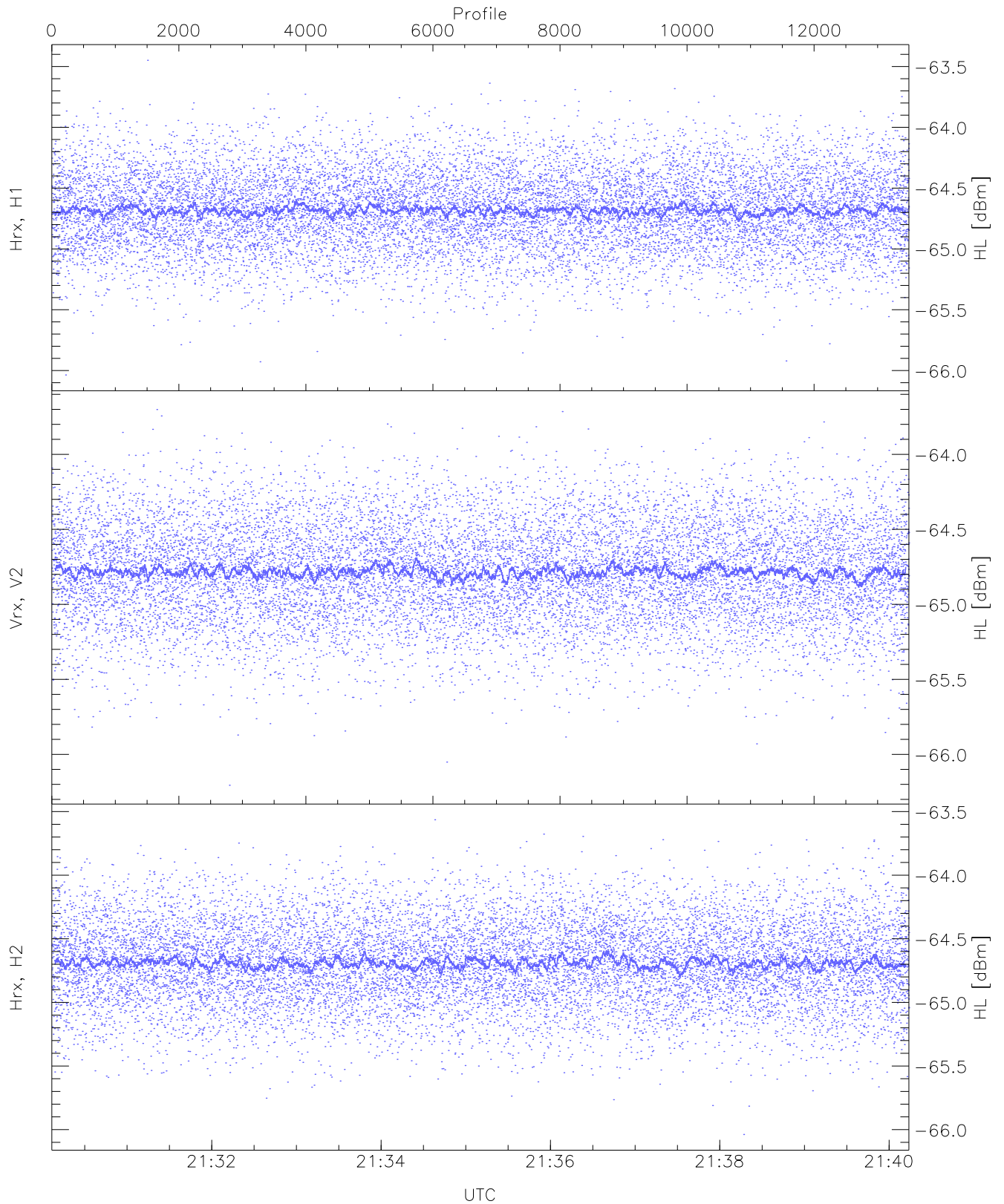
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.47	-65.20	-65.33	-65.33	-86.90
RMPHrxH1(std_dBm)	-76.04	-74.69	-75.34	-75.35	-89.11
RMPVrxV2(mean_dBm)	-65.13	-64.90	-65.02	-65.02	-86.55
RMPVrxV2(std_dBm)	-75.70	-74.32	-75.03	-75.03	-88.86
RMPHrxH2(mean_dBm)	-65.05	-64.81	-64.92	-64.92	-86.50
RMPHrxH2(std_dBm)	-75.70	-74.26	-74.94	-74.94	-88.72



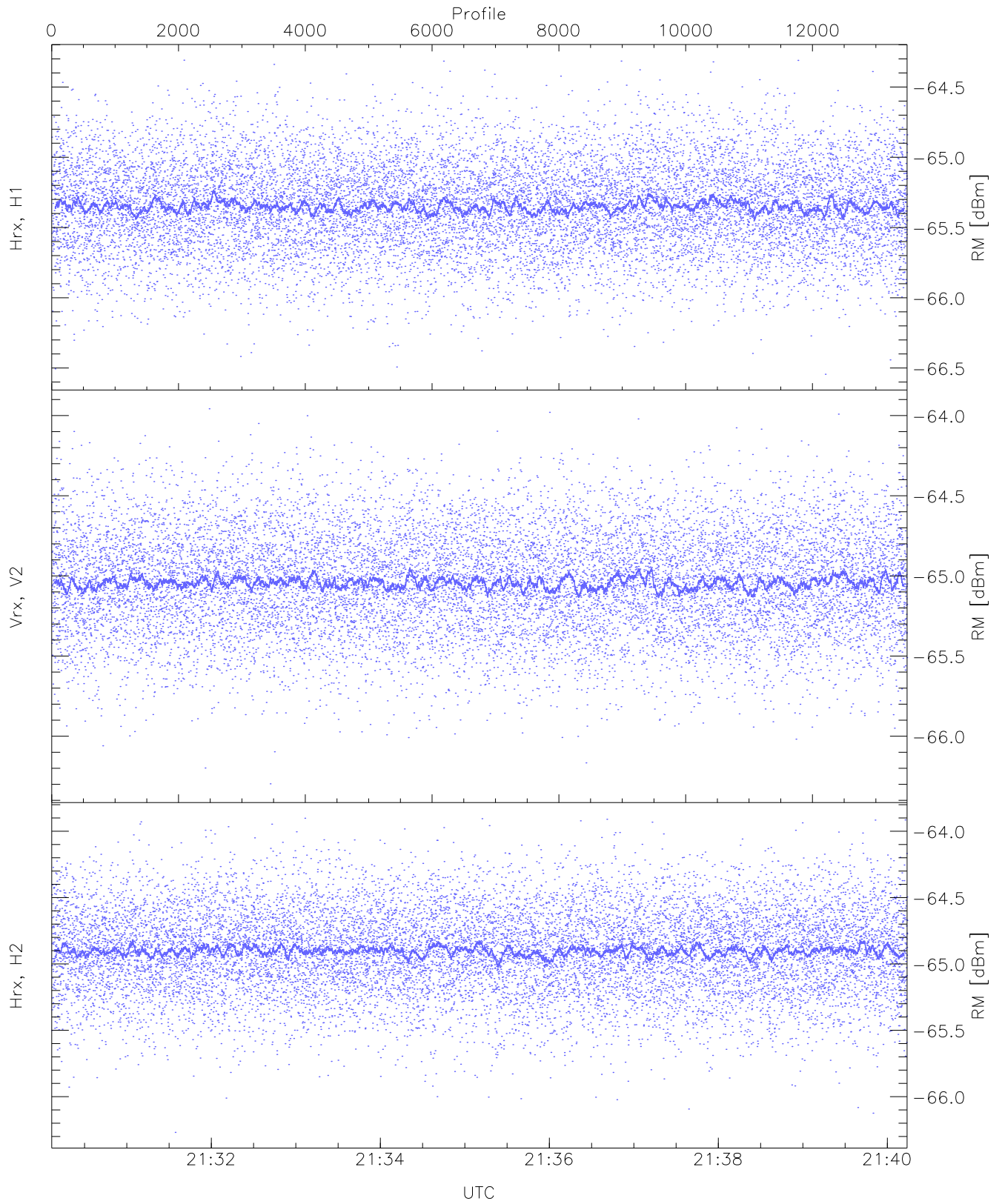
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.21	-63.77	-64.90	-64.90	-76.42
Vrx, V2 (WL [dBm])	-66.09	-63.65	-64.96	-64.97	-76.49
Hrx, H2 (WL [dBm])	-66.15	-63.70	-64.89	-64.90	-76.41



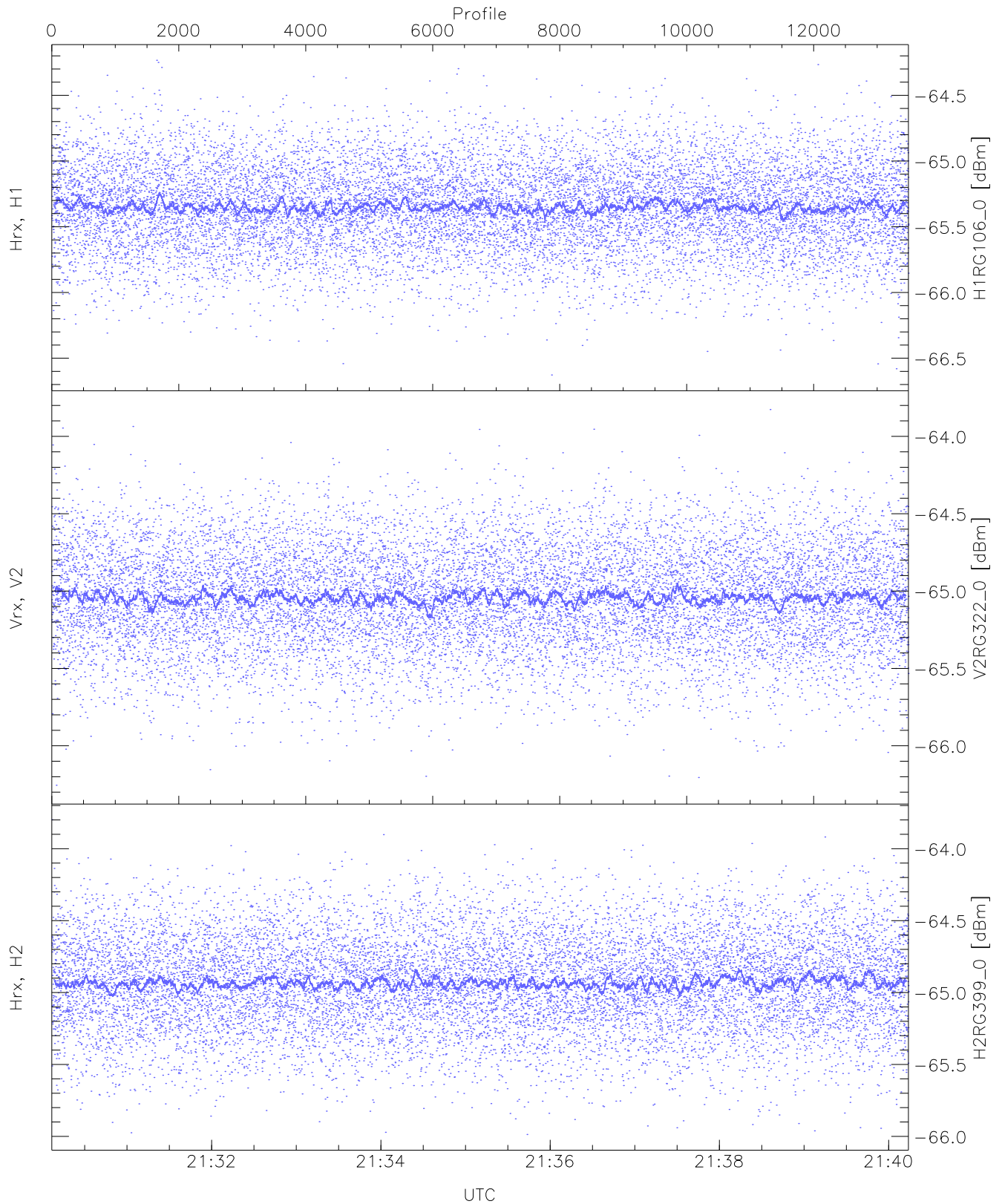
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.04	-63.45	-64.68	-64.68	-76.23
Vrx, V2 (HL [dBm])	-66.21	-63.70	-64.78	-64.79	-76.25
Hrx, H2 (HL [dBm])	-66.04	-63.56	-64.68	-64.69	-76.18



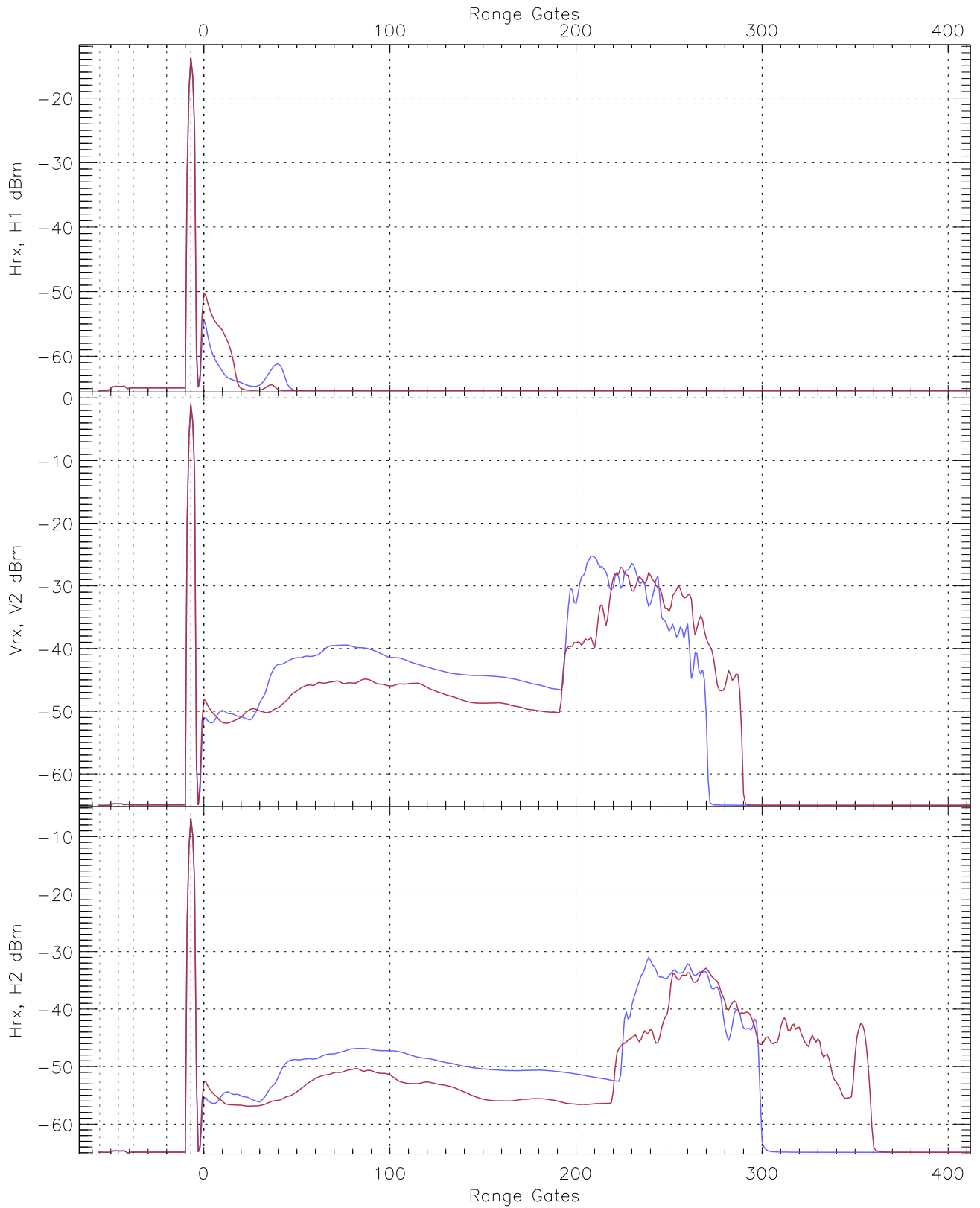
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.54	-64.31	-65.34	-65.35	-76.90
Vrx, V2 (RM [dBm])	-66.30	-63.96	-65.04	-65.04	-76.60
Hrx, H2 (RM [dBm])	-66.27	-63.90	-64.89	-64.90	-76.39

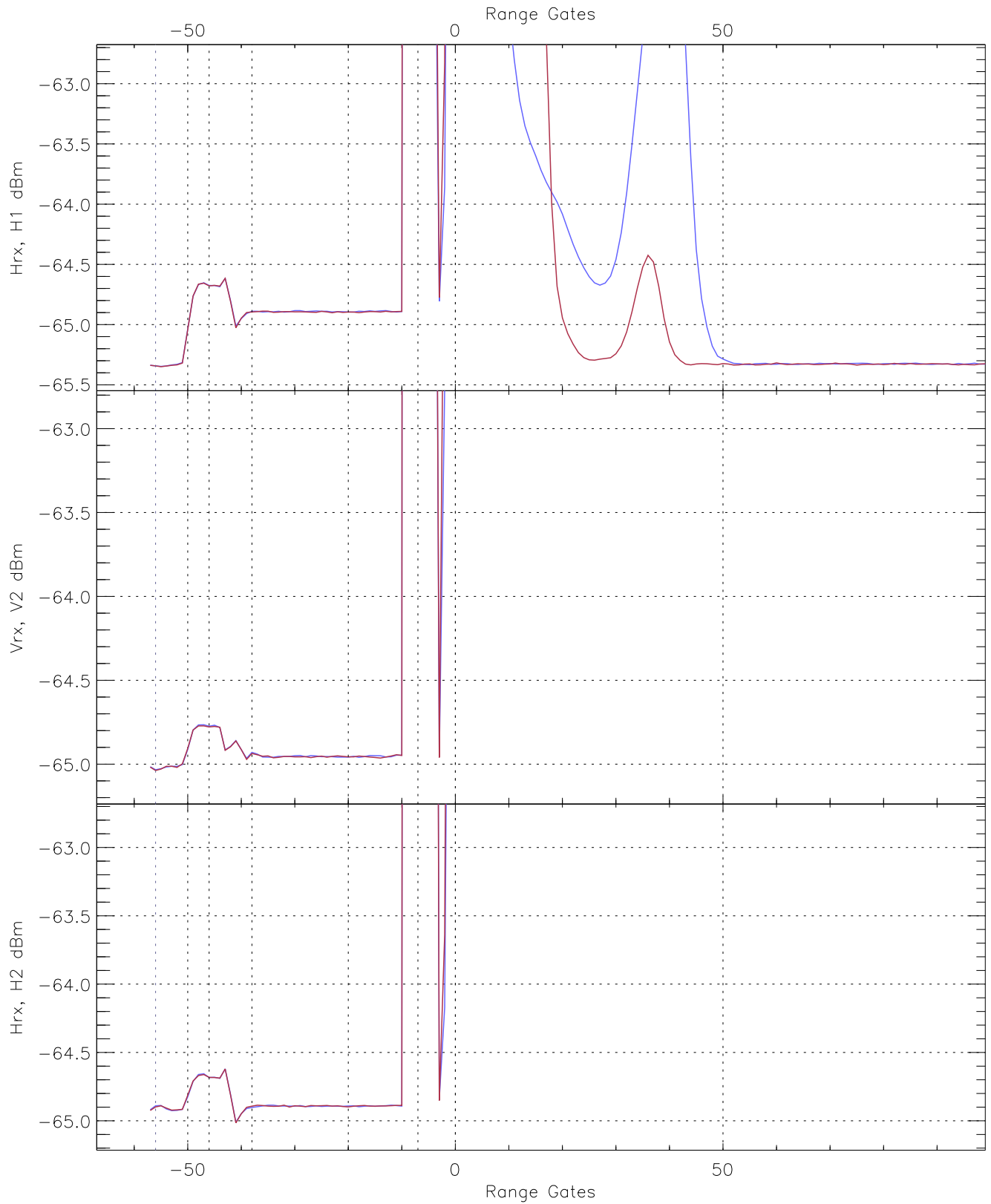


WCR3 CPP "Best" estimate Receivers Noise Power

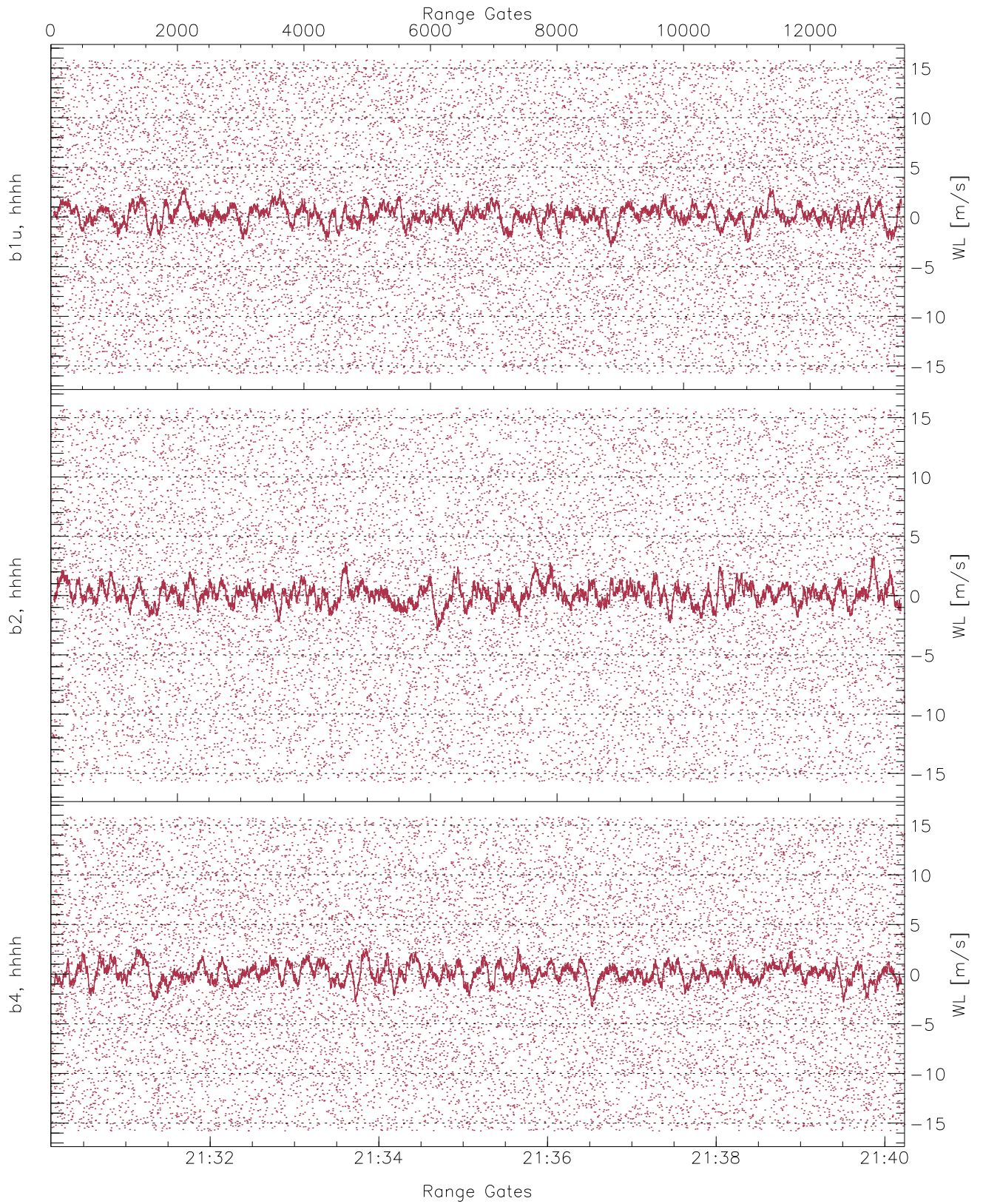
	Min	Max	Mean	Median	StDev
H1RG106_0 [dBm]	-66.63	-64.23	-65.34	-65.35	-76.87
V2RG322_0 [dBm]	-66.26	-63.83	-65.04	-65.04	-76.54
H2RG399_0 [dBm]	-65.99	-63.80	-64.93	-64.93	-76.43



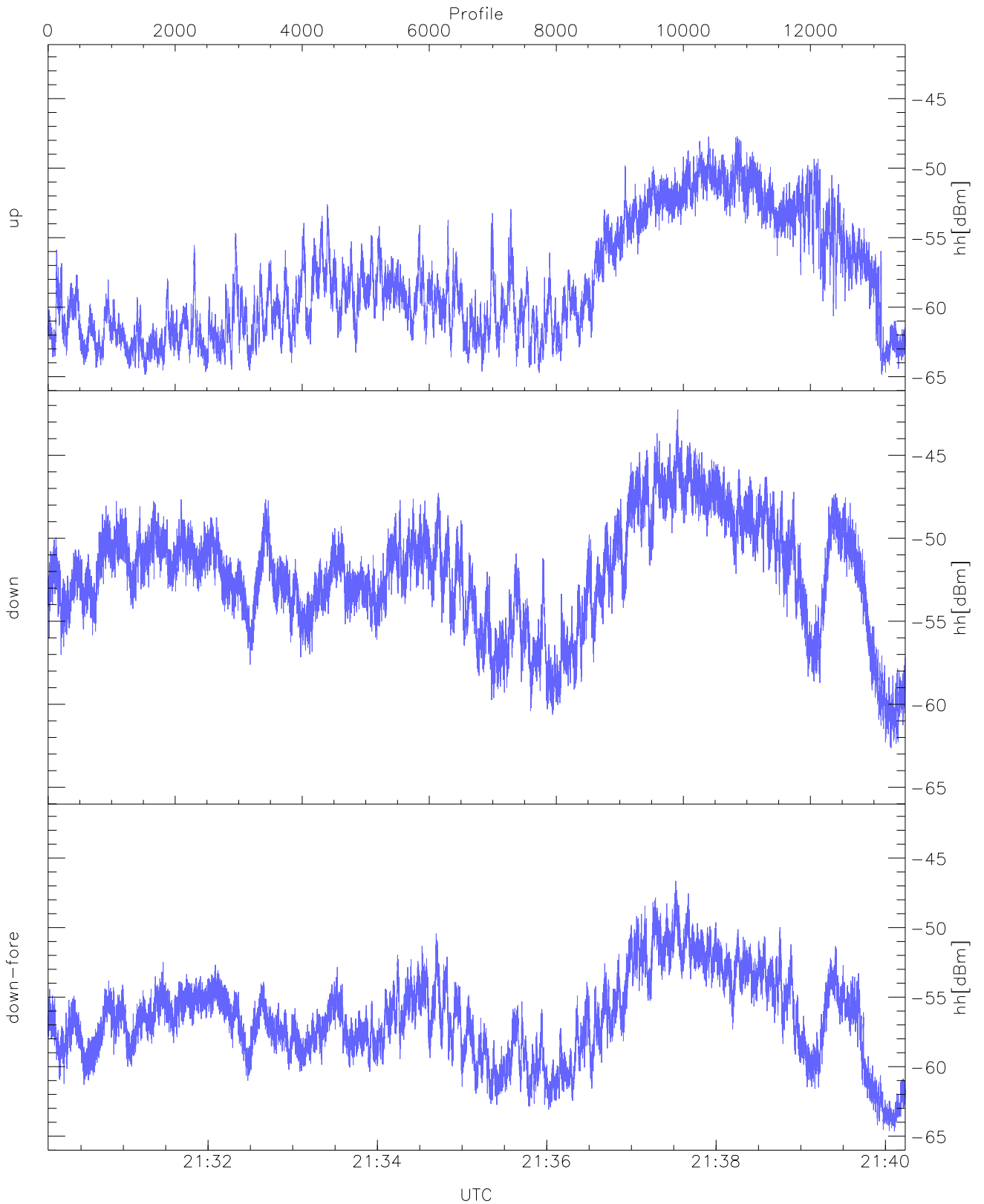
WCR3 CPP Averaged Received power for all recorded gates
blue: 213007-213510, 6748 profiles averaged
red: 213510-214014, 6747 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 213007-213510, 6748 profiles averaged
red: 213510-214014, 6747 profiles averaged

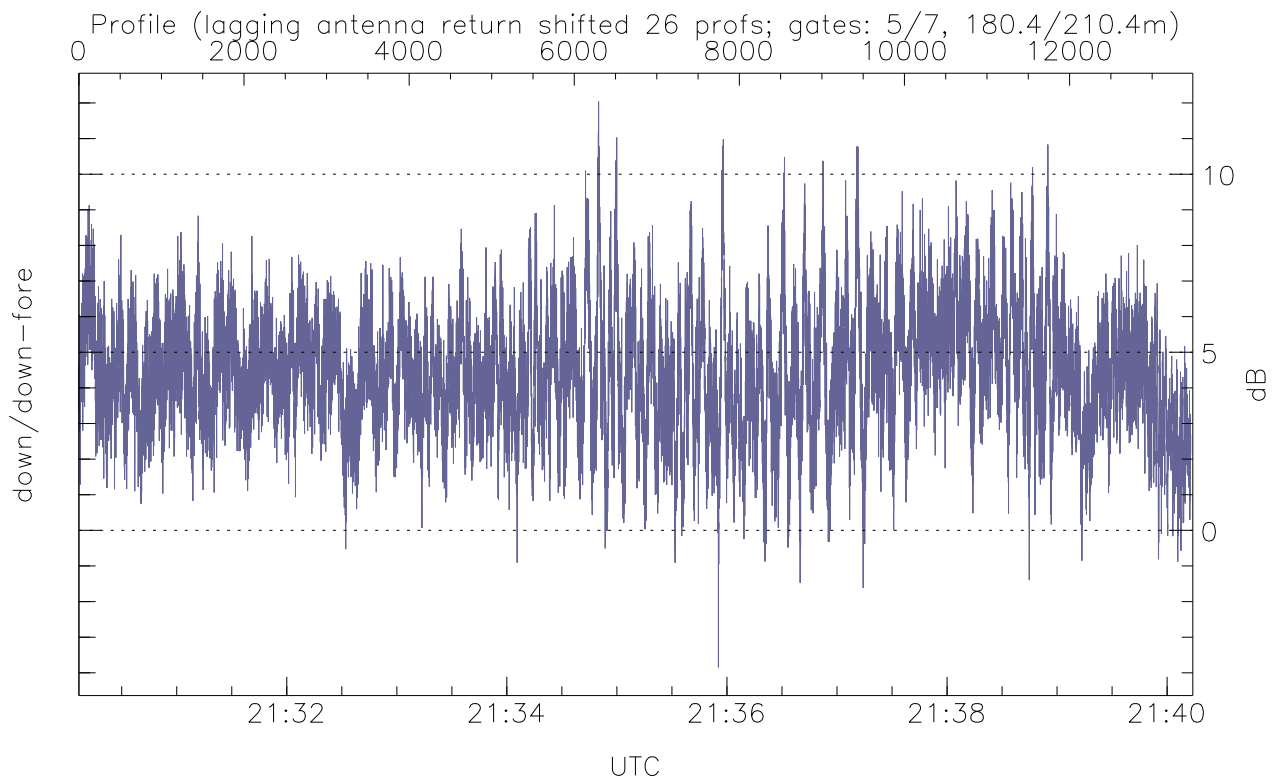
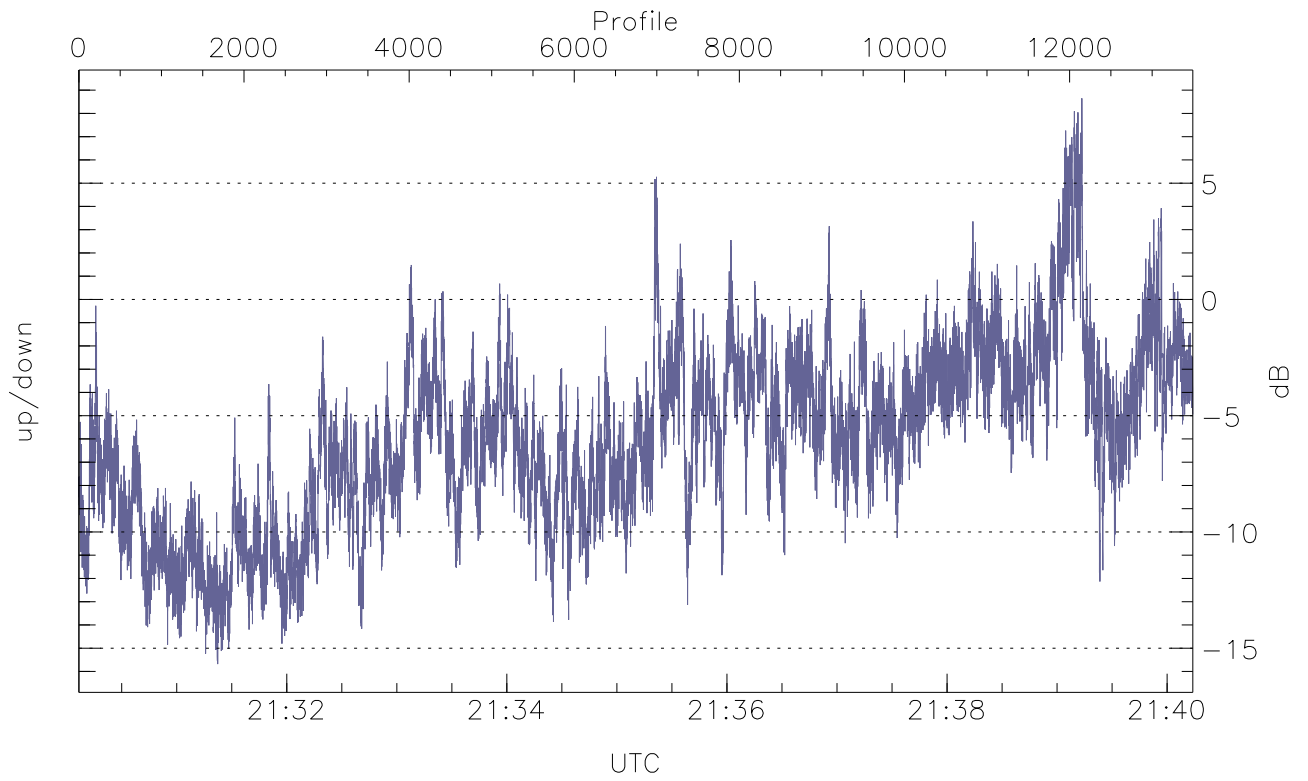


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



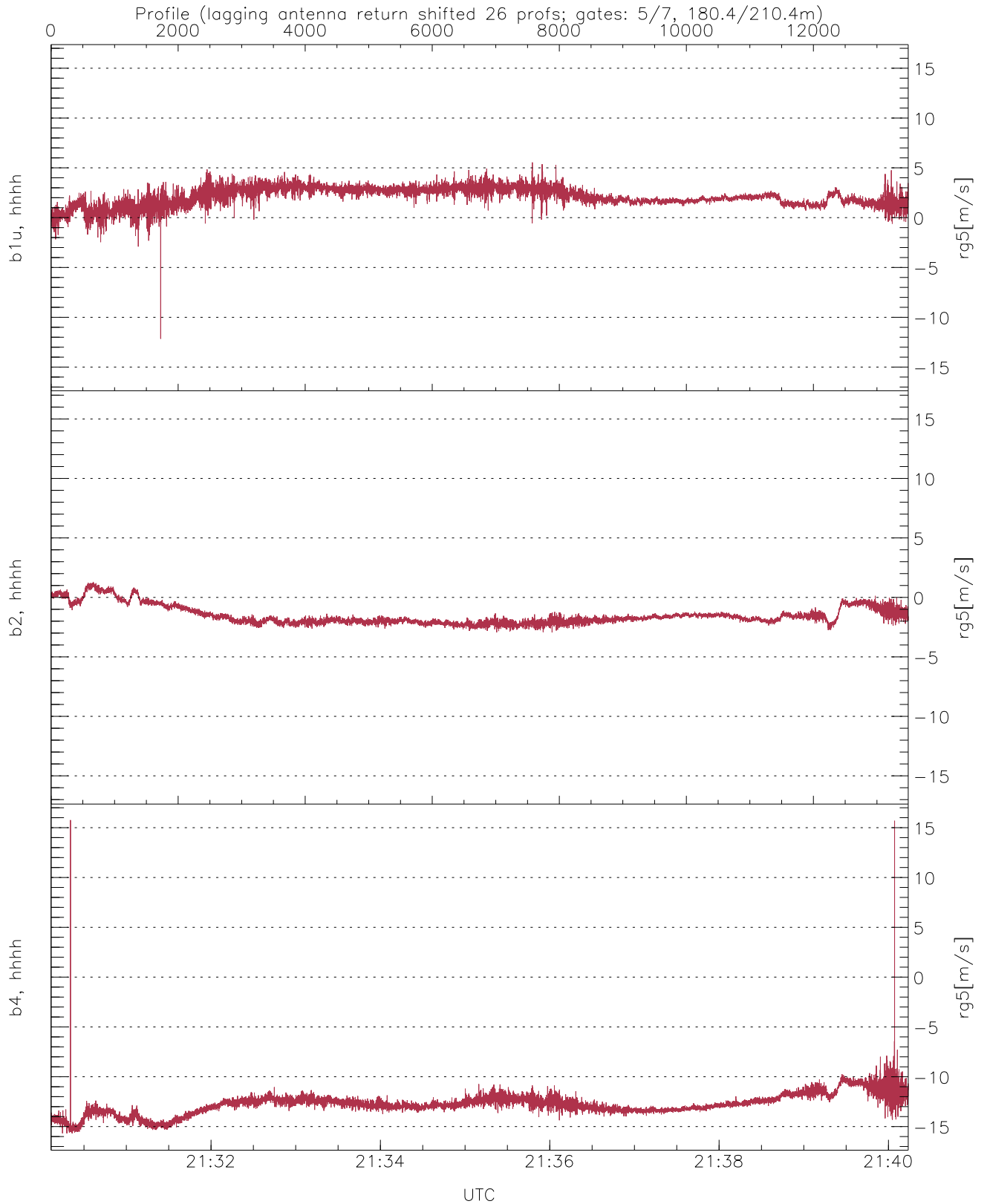
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.88	-47.71	-56.03
down(hh[dBm])	-62.63	-42.25	-51.00
down-fore(hh[dBm])	-64.66	-46.64	-55.47



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

	Min	Max	Mean
up/down (dB)	-15.68	8.65	-5.95
down/down-fore (dB)	-3.84	12.04	4.46



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-12.15	5.55	2.07	0.92
b2, hhhh(rg5[m/s])	-2.95	1.30	-1.52	0.79
b4, hhhh(rg5[m/s])	-15.68	15.77	-12.77	1.06