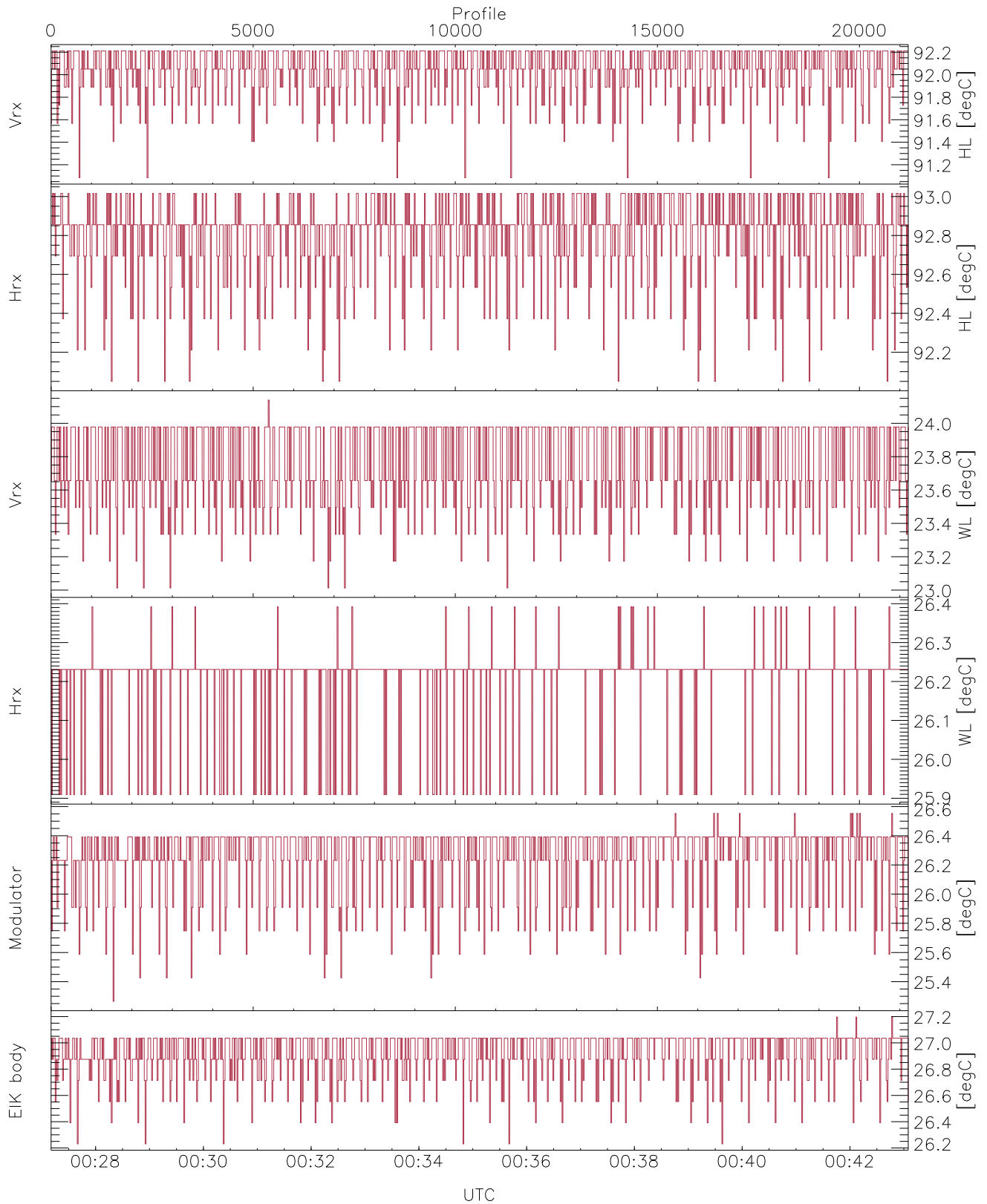


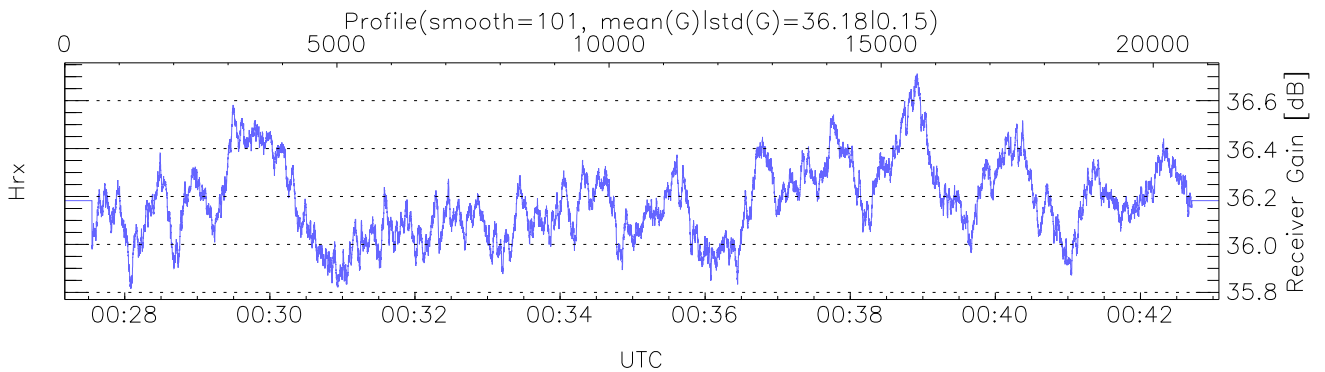
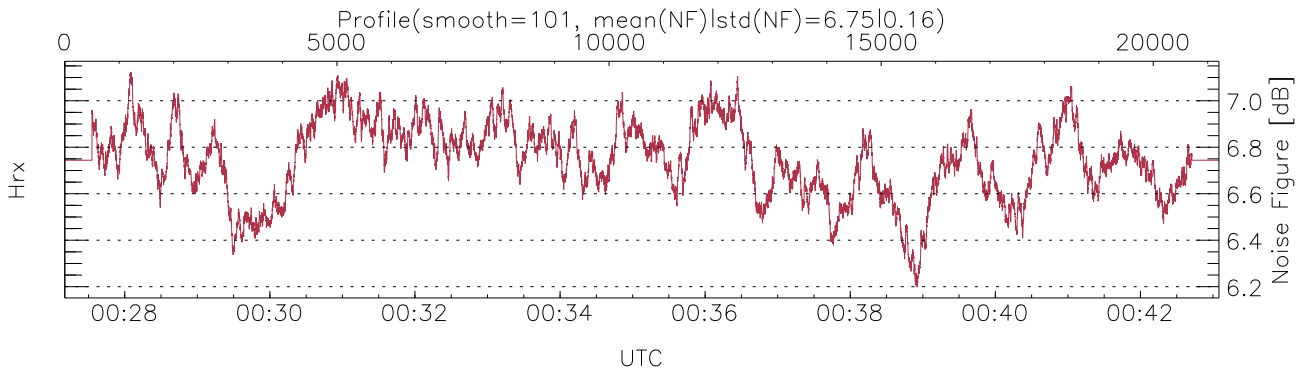
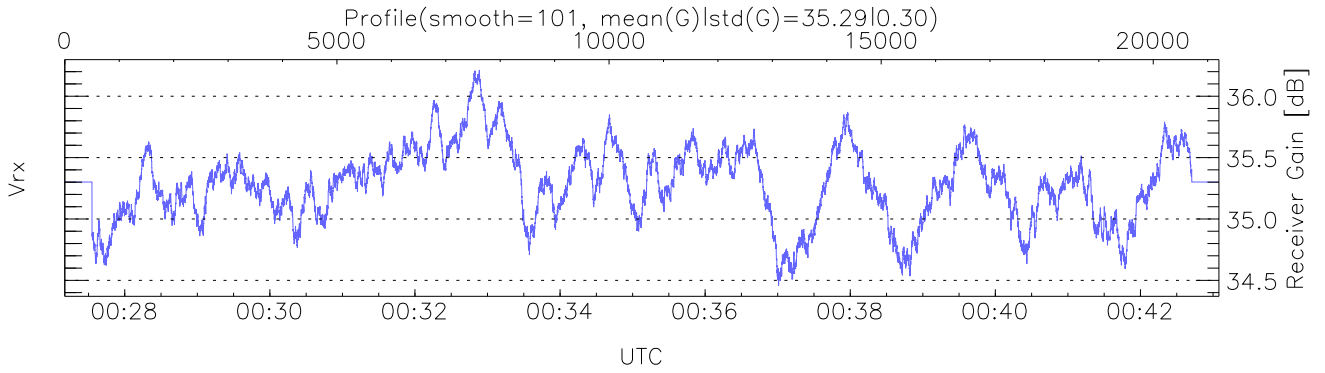
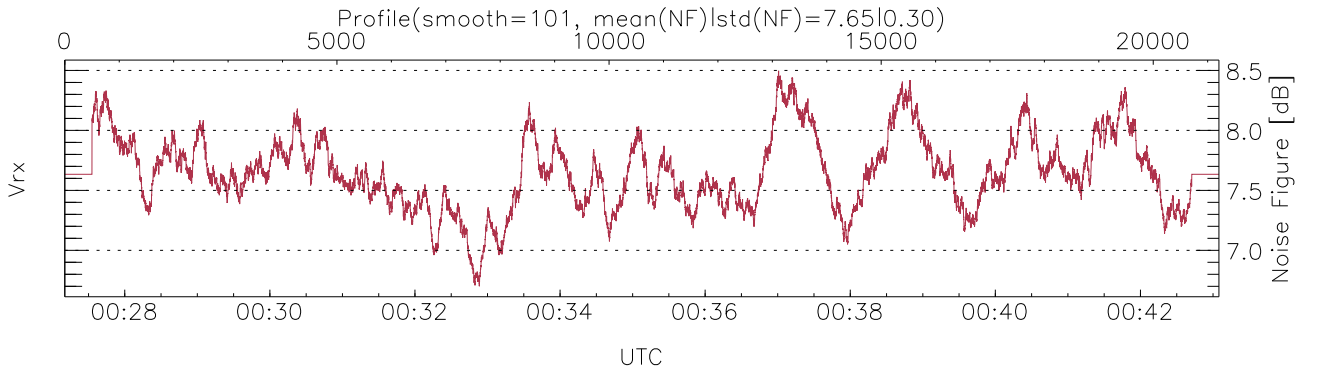
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:27:10-00:43:05, TimeCor: 0.00s, Dur: 954.55s
 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): 21208/21208, 0-21207/00:27:10-00:43:05
 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



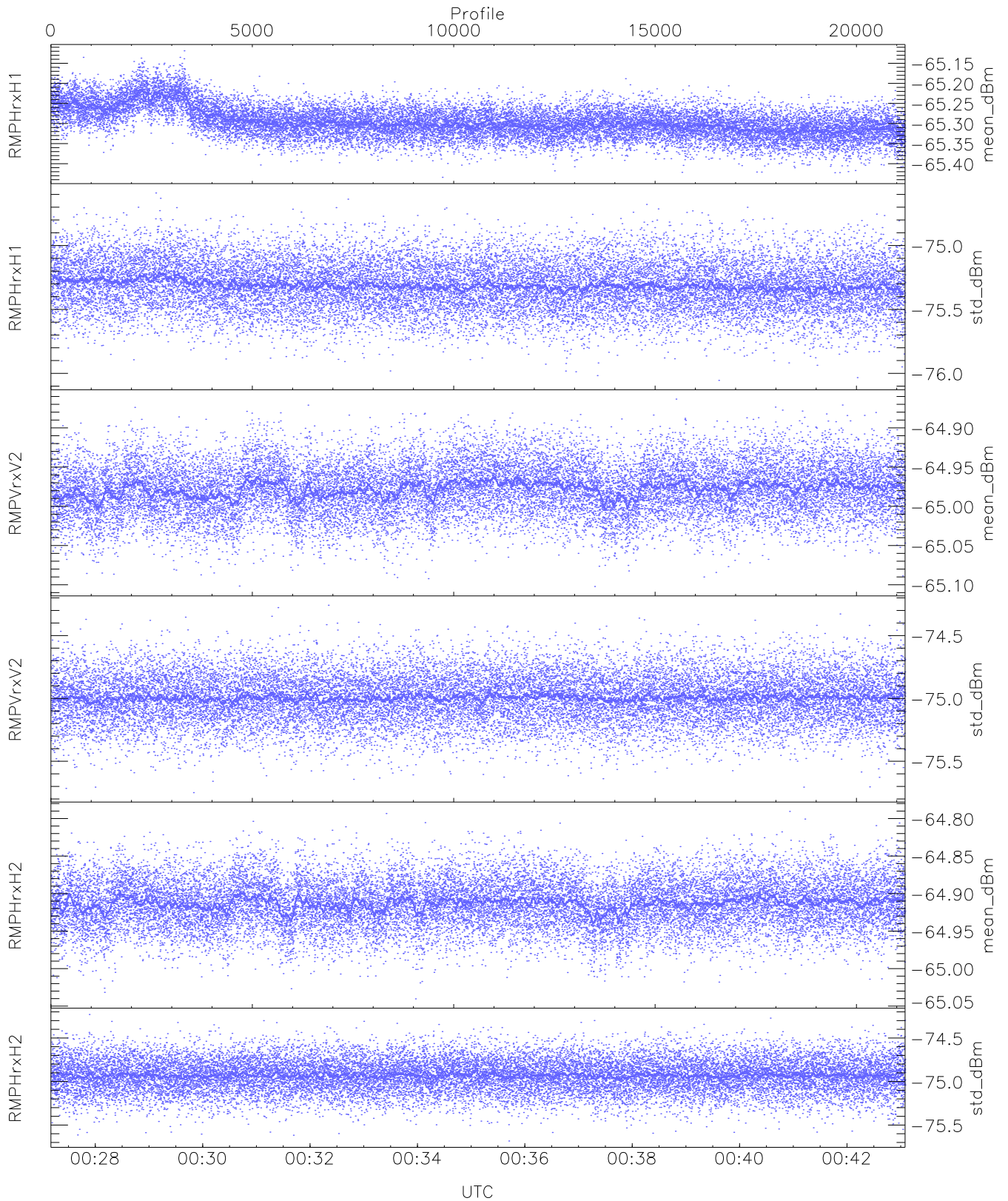
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK/Modulator Faults: None



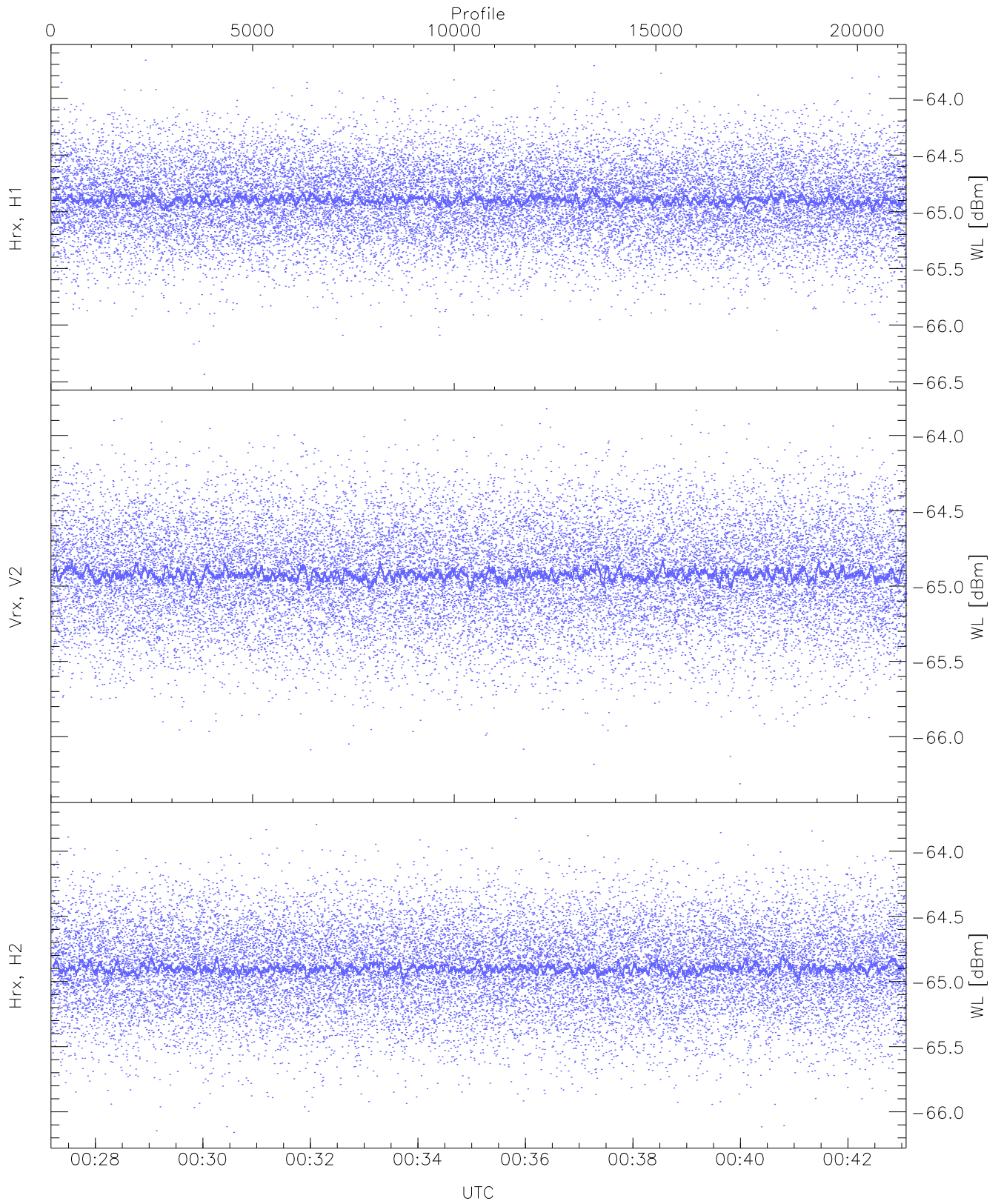
WCR3 CPP Receivers Gain and Noise Figure

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



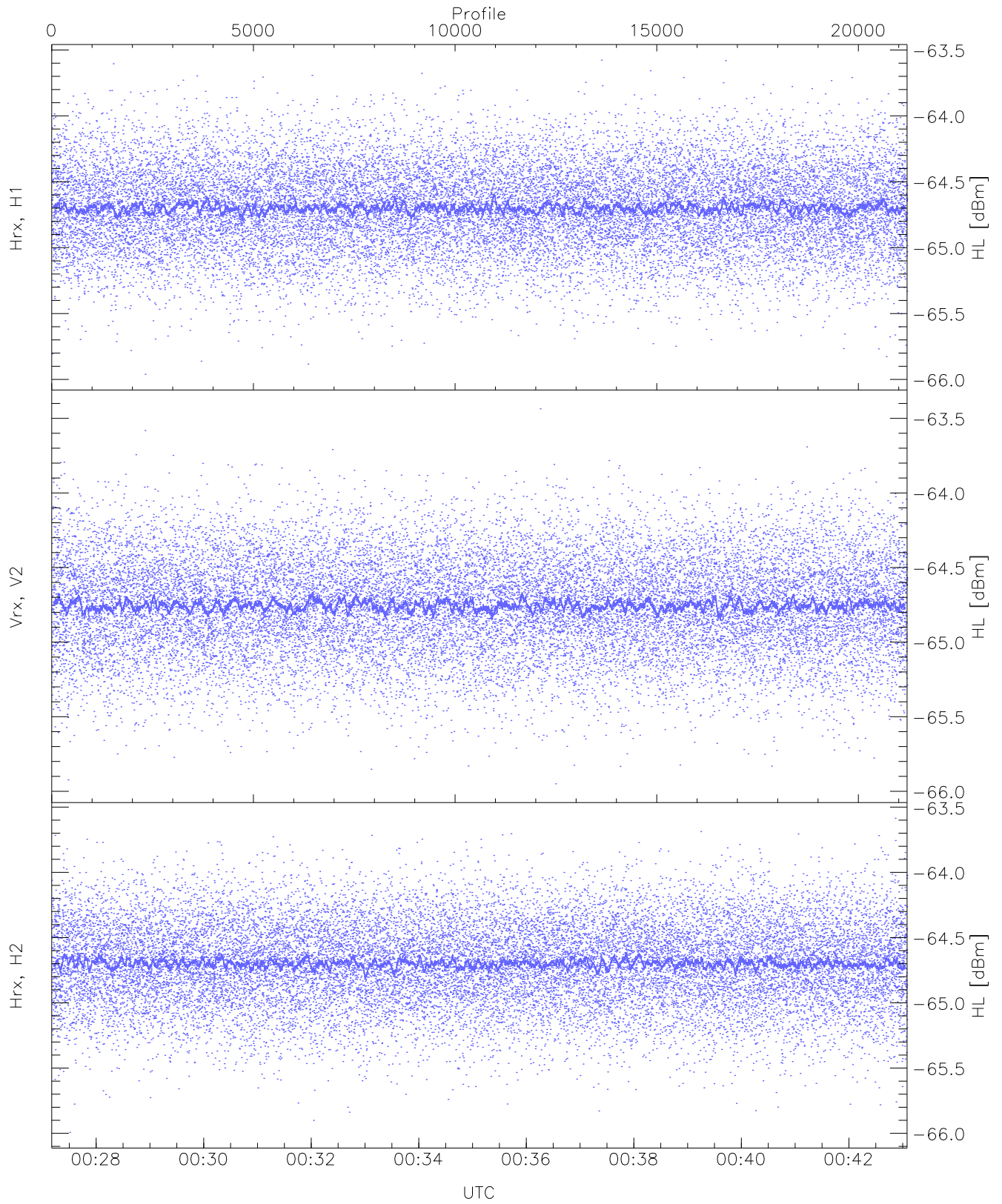
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.12	-65.30	-65.30	-85.74
RMPHrxH1(std_dBm)	-76.06	-74.59	-75.31	-75.31	-89.01
RMPVrxV2(mean_dBm)	-65.10	-64.86	-64.98	-64.98	-86.39
RMPVrxV2(std_dBm)	-75.75	-74.26	-74.99	-75.00	-88.74
RMPHrxH2(mean_dBm)	-65.04	-64.79	-64.91	-64.91	-86.42
RMPHrxH2(std_dBm)	-75.68	-74.23	-74.93	-74.93	-88.73



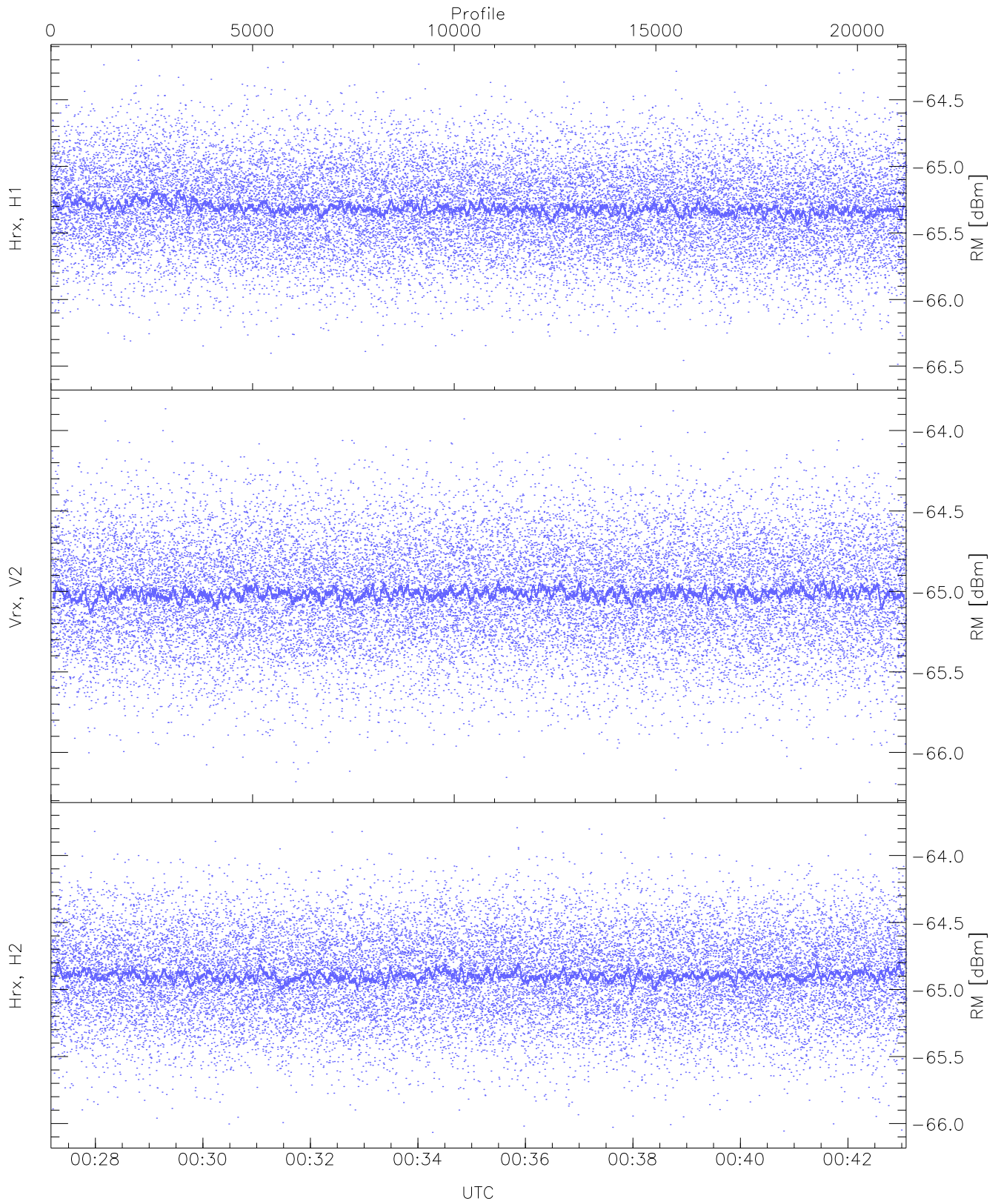
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.43	-63.66	-64.89	-64.90	-76.37
Vrx, V2 (WL [dBm])	-66.31	-63.82	-64.92	-64.92	-76.45
Hrx, H2 (WL [dBm])	-66.16	-63.75	-64.89	-64.90	-76.42



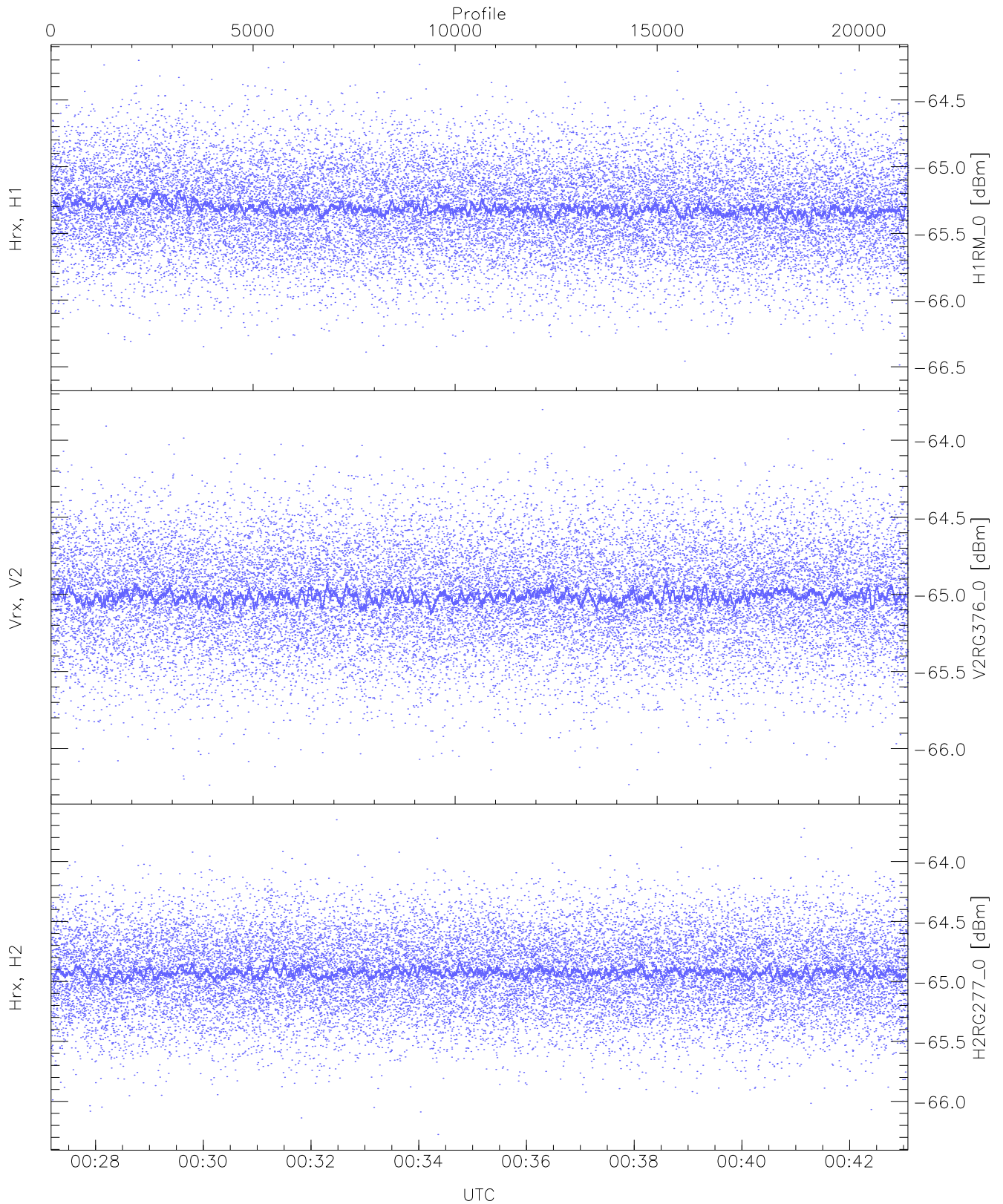
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.96	-63.58	-64.69	-64.70	-76.22
Vrx, V2 (HL [dBm])	-65.95	-63.44	-64.75	-64.75	-76.25
Hrx, H2 (HL [dBm])	-65.99	-63.59	-64.69	-64.70	-76.21



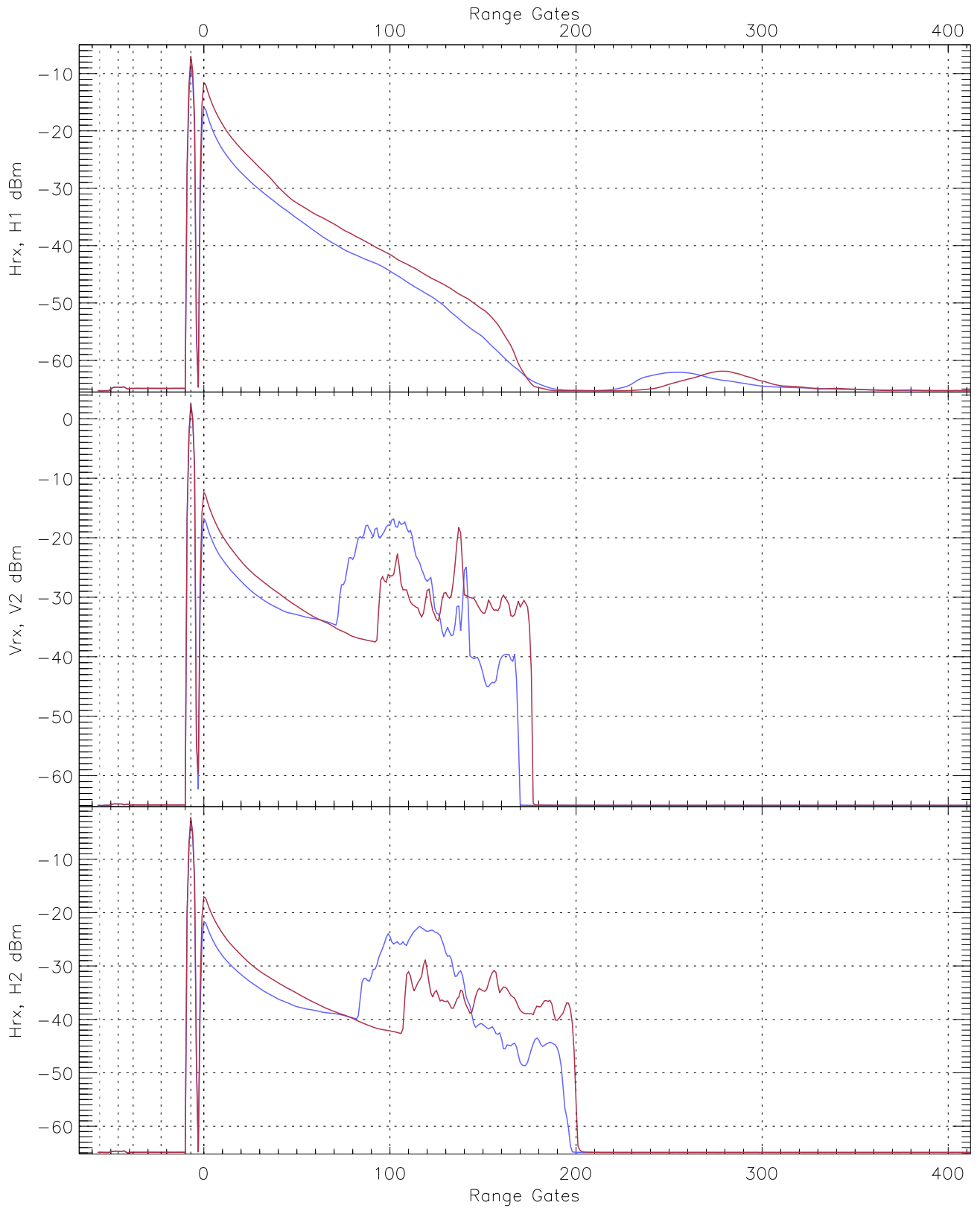
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.56	-64.20	-65.31	-65.31	-76.83
Vrx, V2 (RM [dBm])	-66.20	-63.86	-65.01	-65.01	-76.48
Hrx, H2 (RM [dBm])	-66.07	-63.72	-64.89	-64.90	-76.39

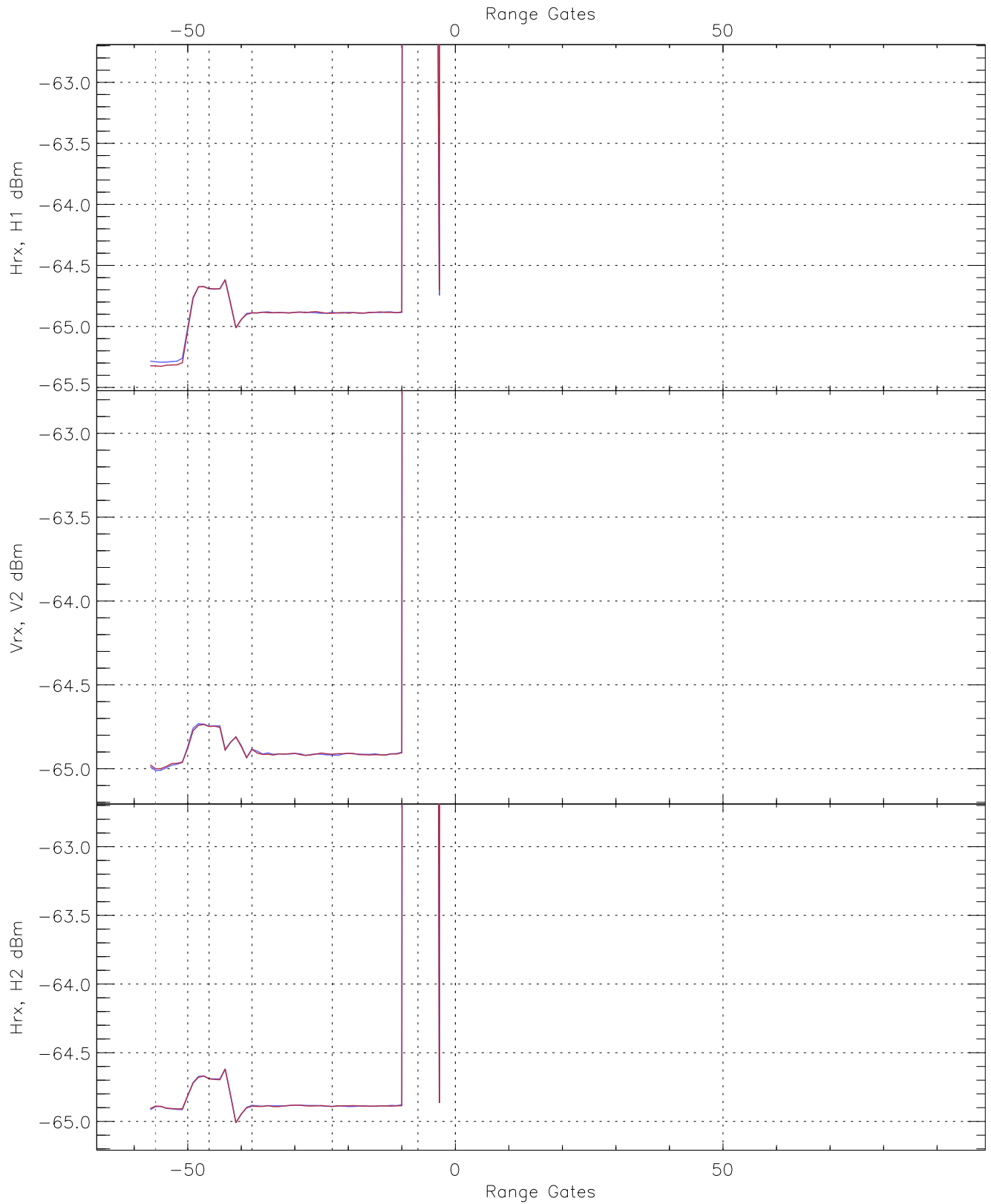


WCR3 CPP "Best" estimate Receivers Noise Power

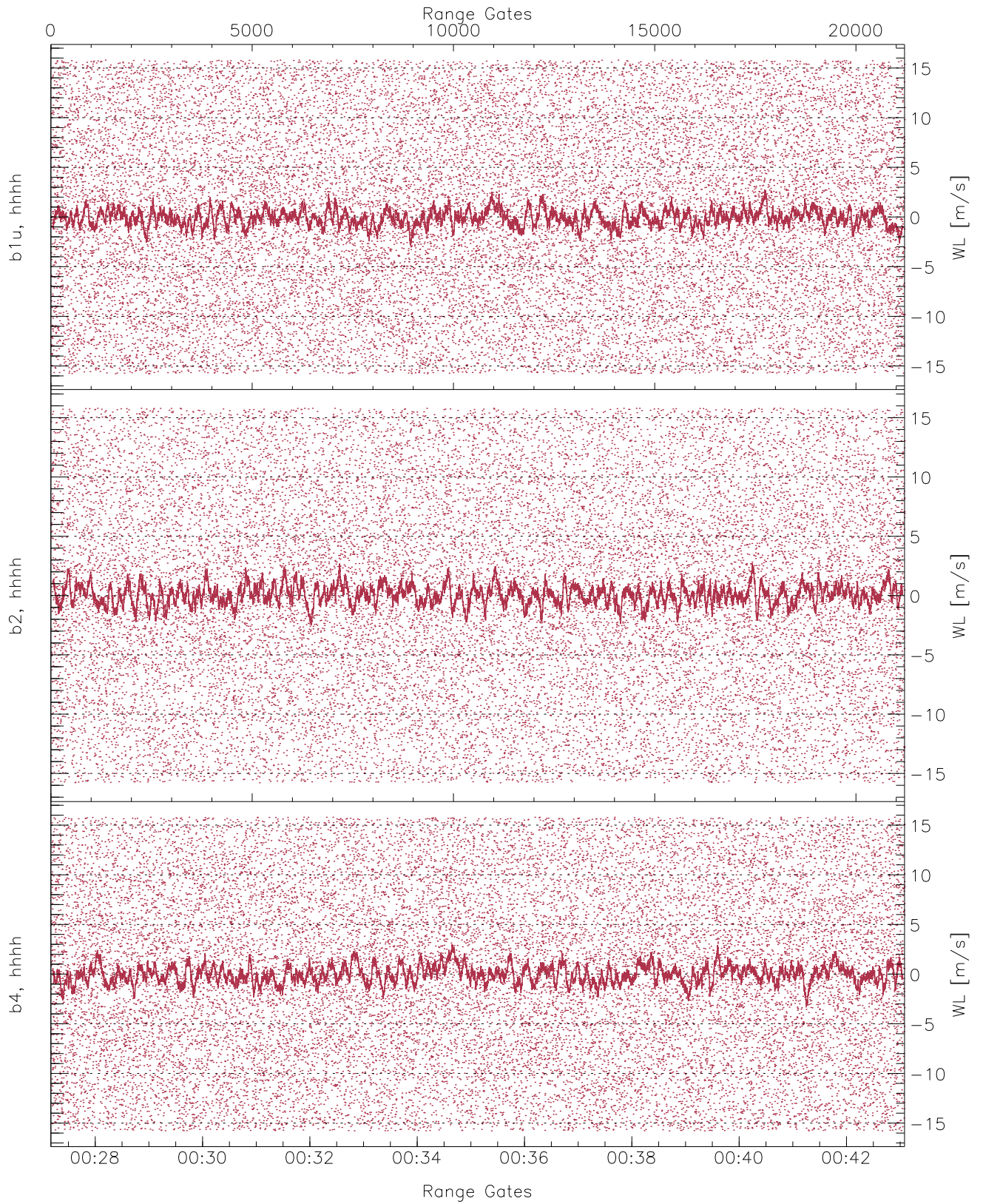
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.56	-64.20	-65.31	-65.31	-76.83
V2RG376_0 [dBm]	-66.24	-63.80	-65.01	-65.01	-76.52
H2RG277_0 [dBm]	-66.28	-63.65	-64.92	-64.93	-76.43



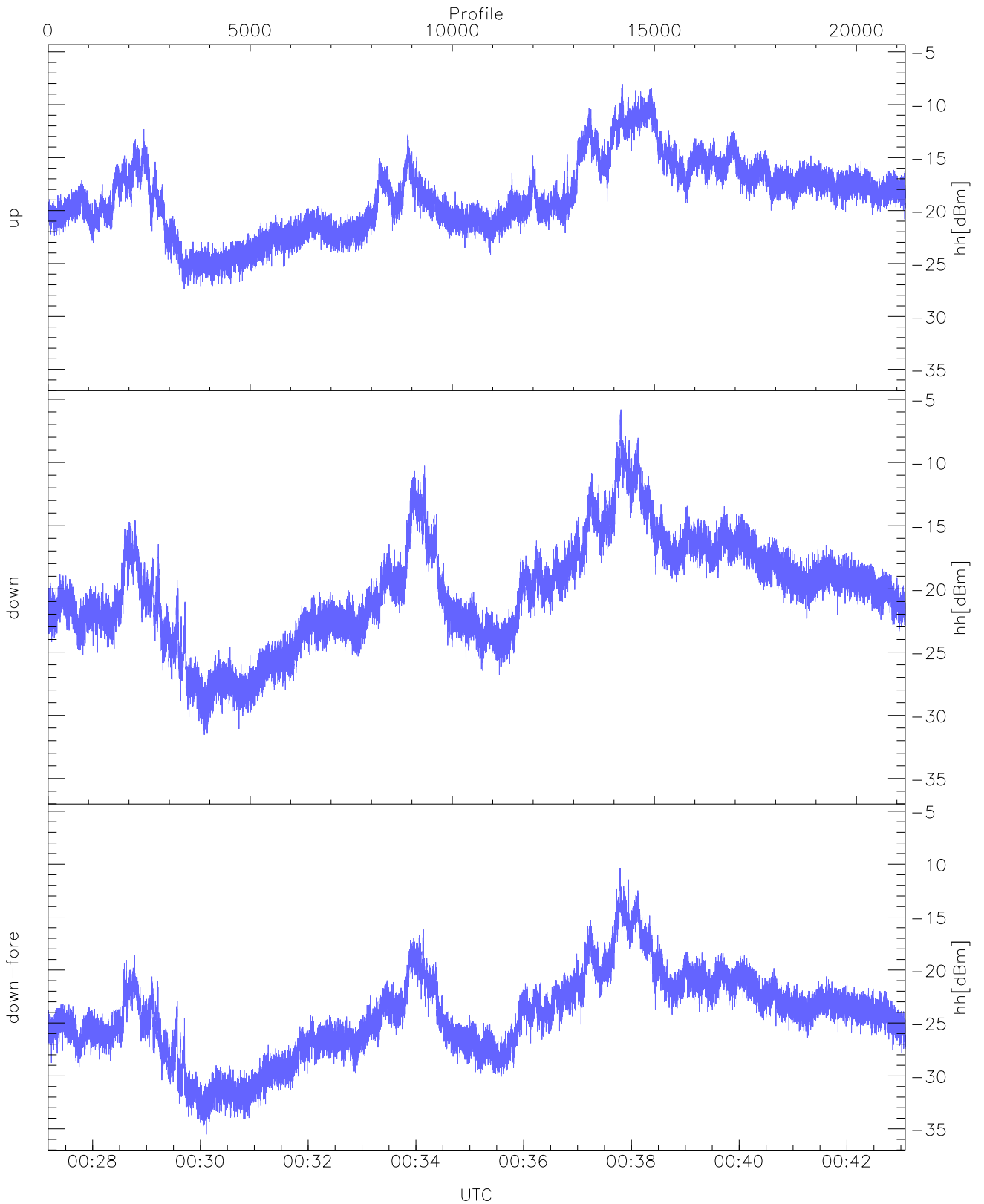
WCR3 CPP Averaged Received power for all recorded gates
blue: 002710-003508, 10605 profiles averaged
red: 003508-004305, 10604 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 002710-003508, 10605 profiles averaged
red: 003508-004305, 10604 profiles averaged

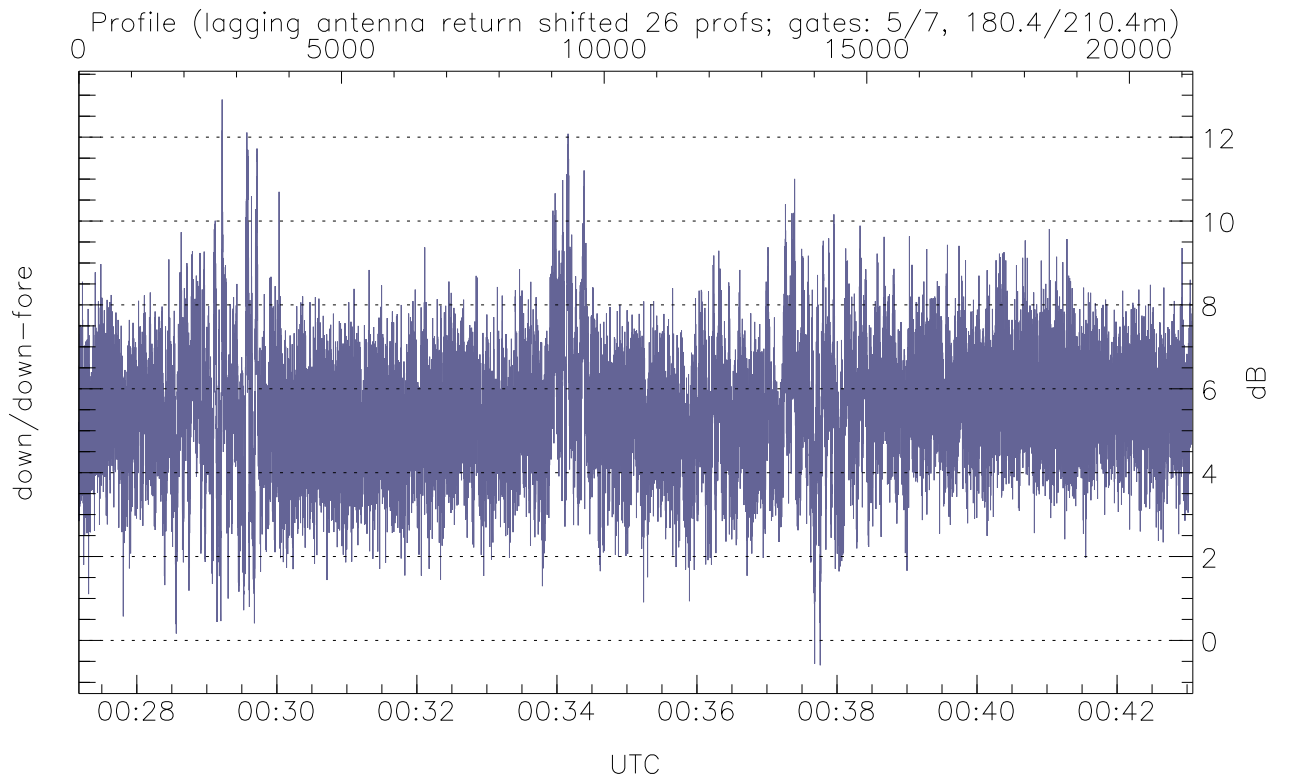
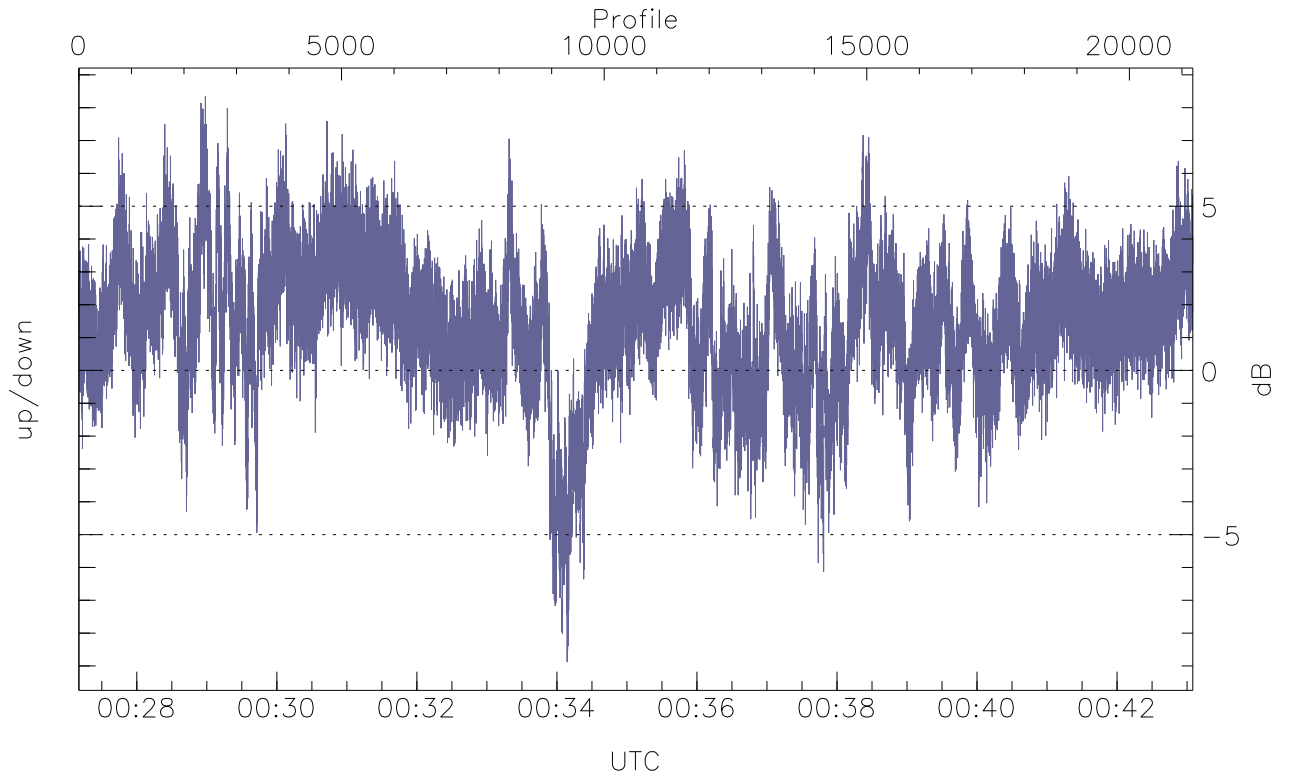


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



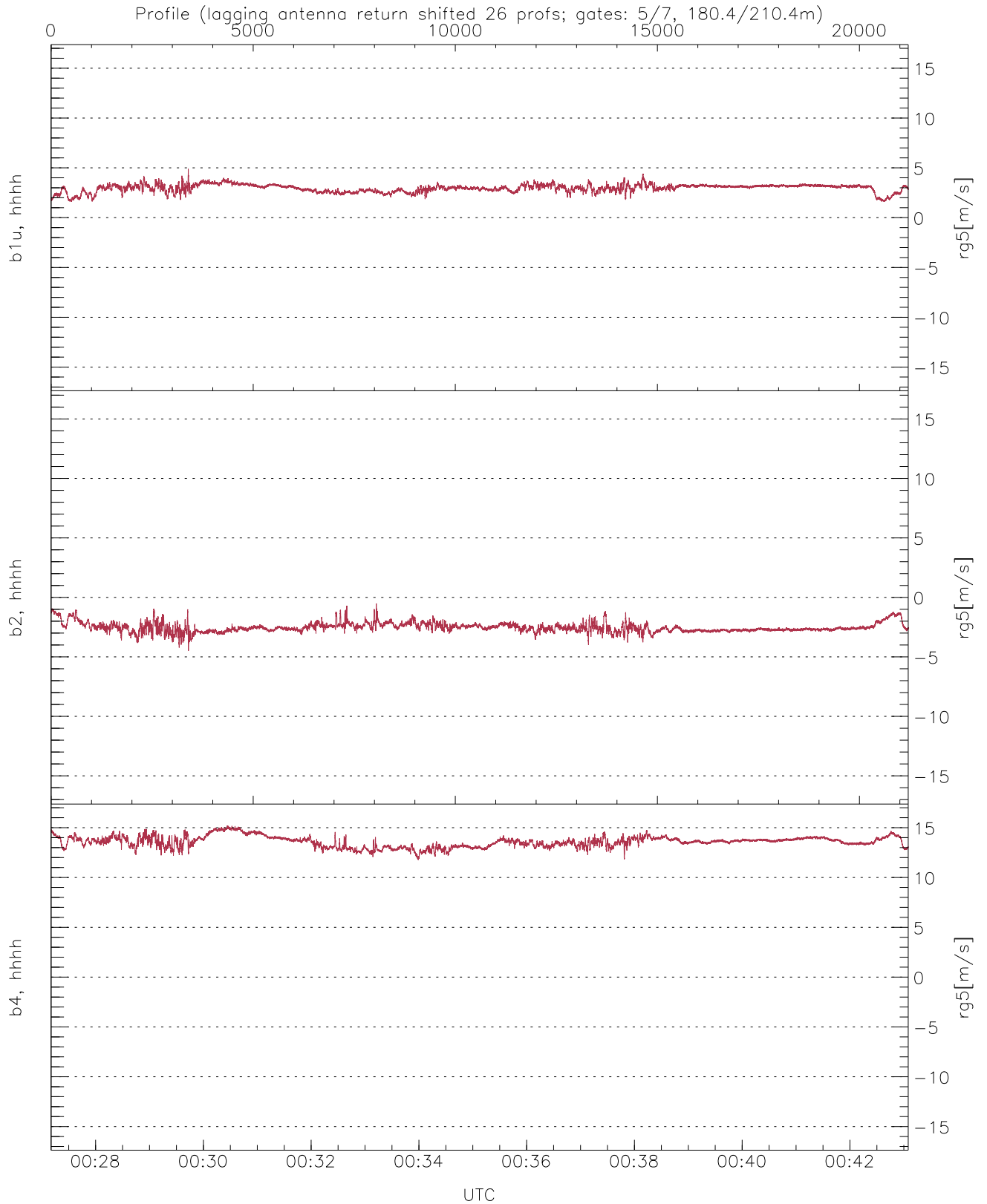
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-27.41	-8.06	-17.35
down(hh[dBm])	-31.53	-5.81	-18.21
down-fore(hh[dBm])	-35.53	-10.38	-22.52



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

	Min	Max	Mean
up/down (dB)	-8.88	8.35	1.43
down/down-fore (dB)	-0.59	12.90	5.46



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.60	4.89	2.95	0.40
b2, hhhh(rg5[m/s])	-4.49	-0.51	-2.53	0.40
b4, hhhh(rg5[m/s])	11.76	15.22	13.58	0.55