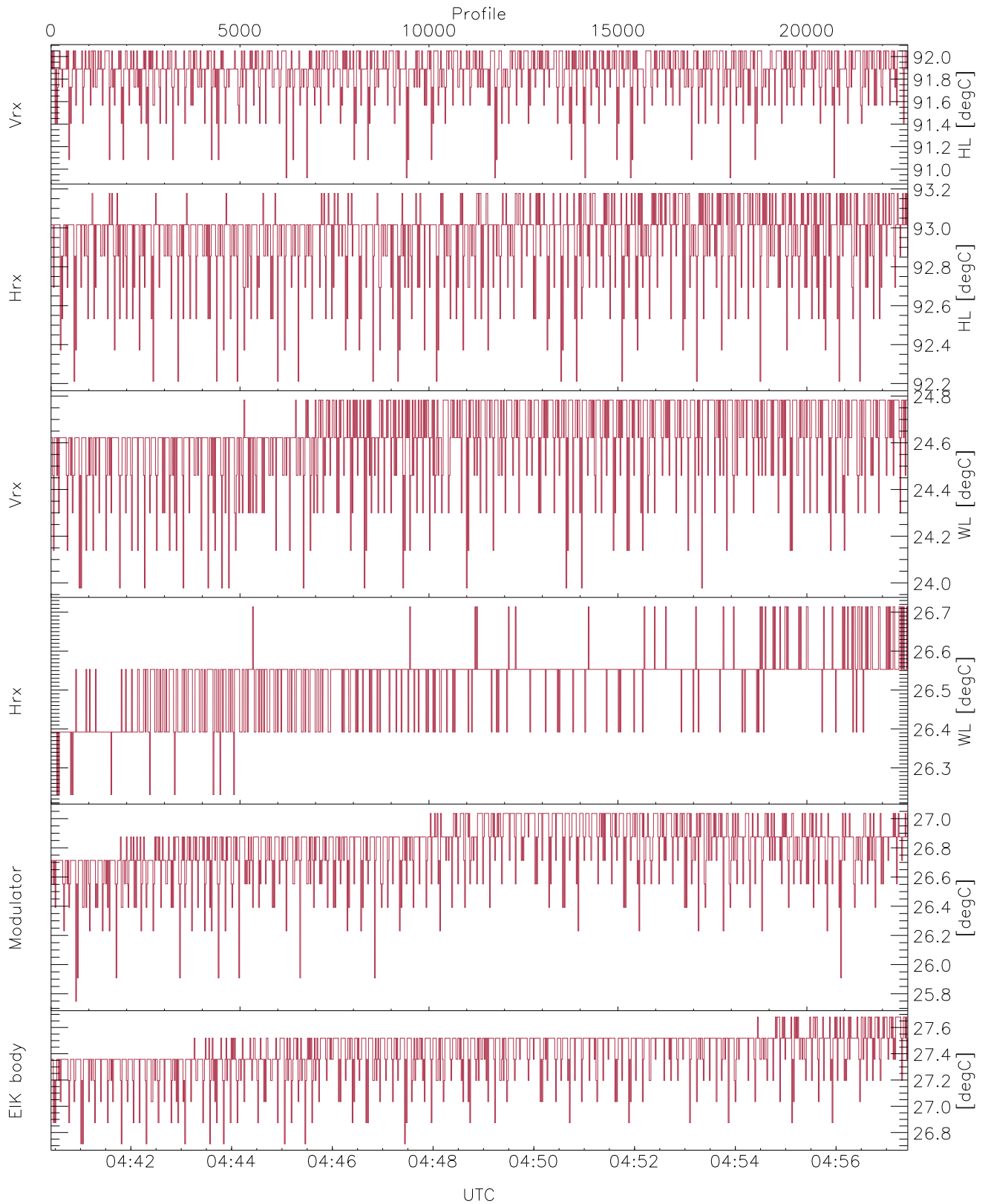


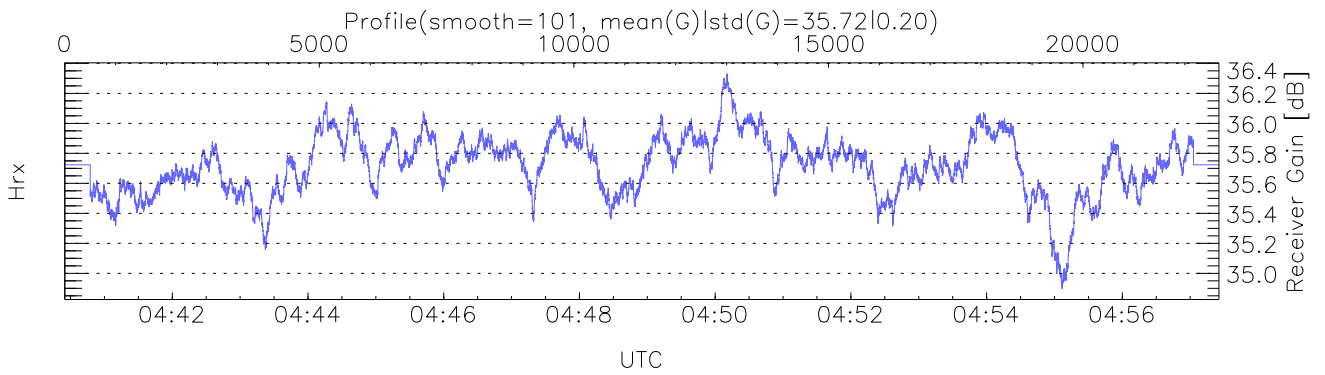
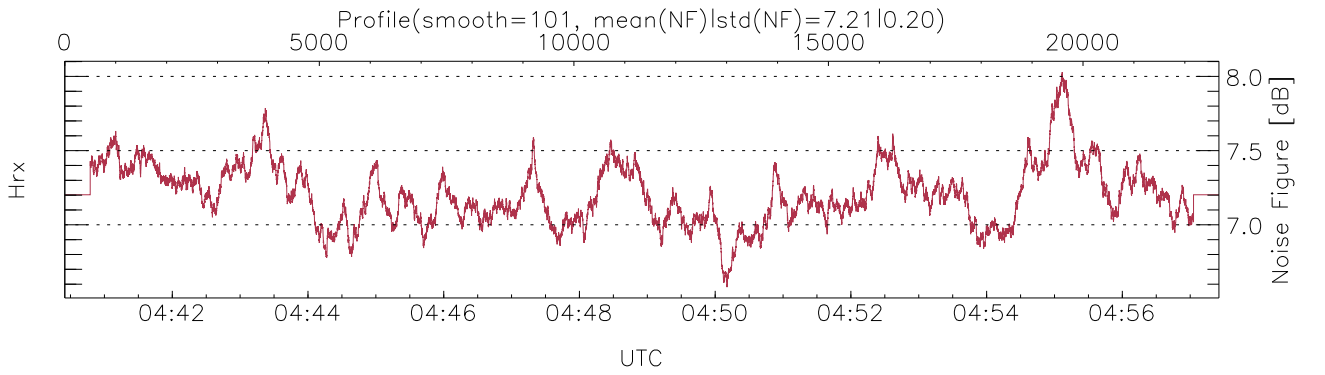
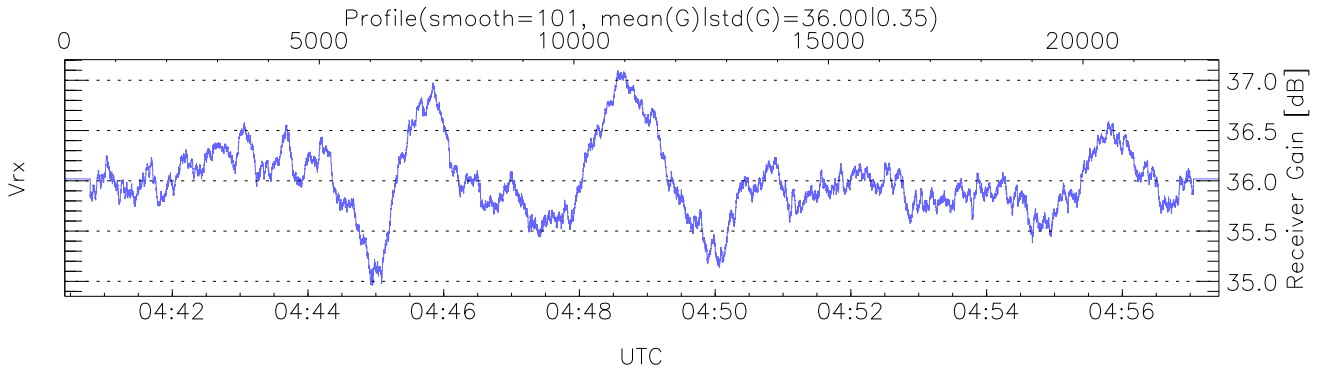
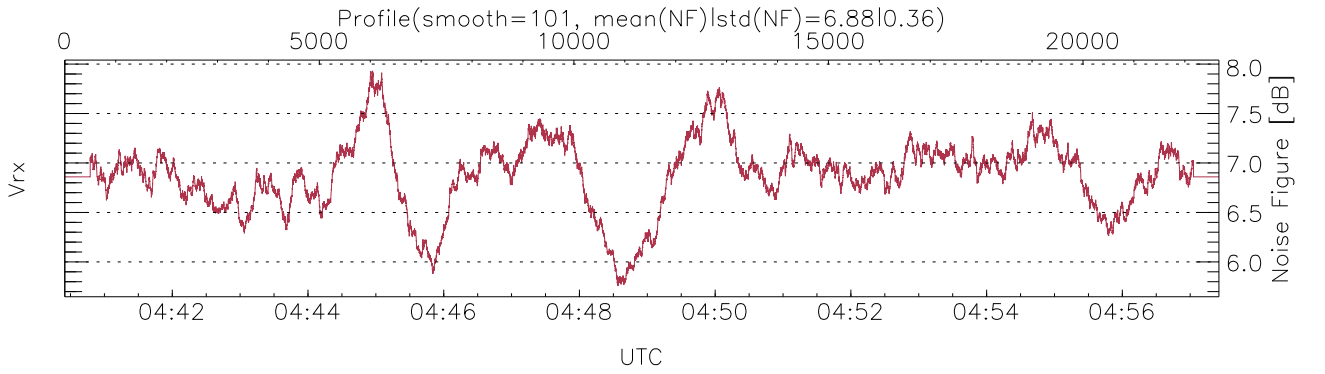
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:40:25-04:57:25, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/04:40:25-04:57:25
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



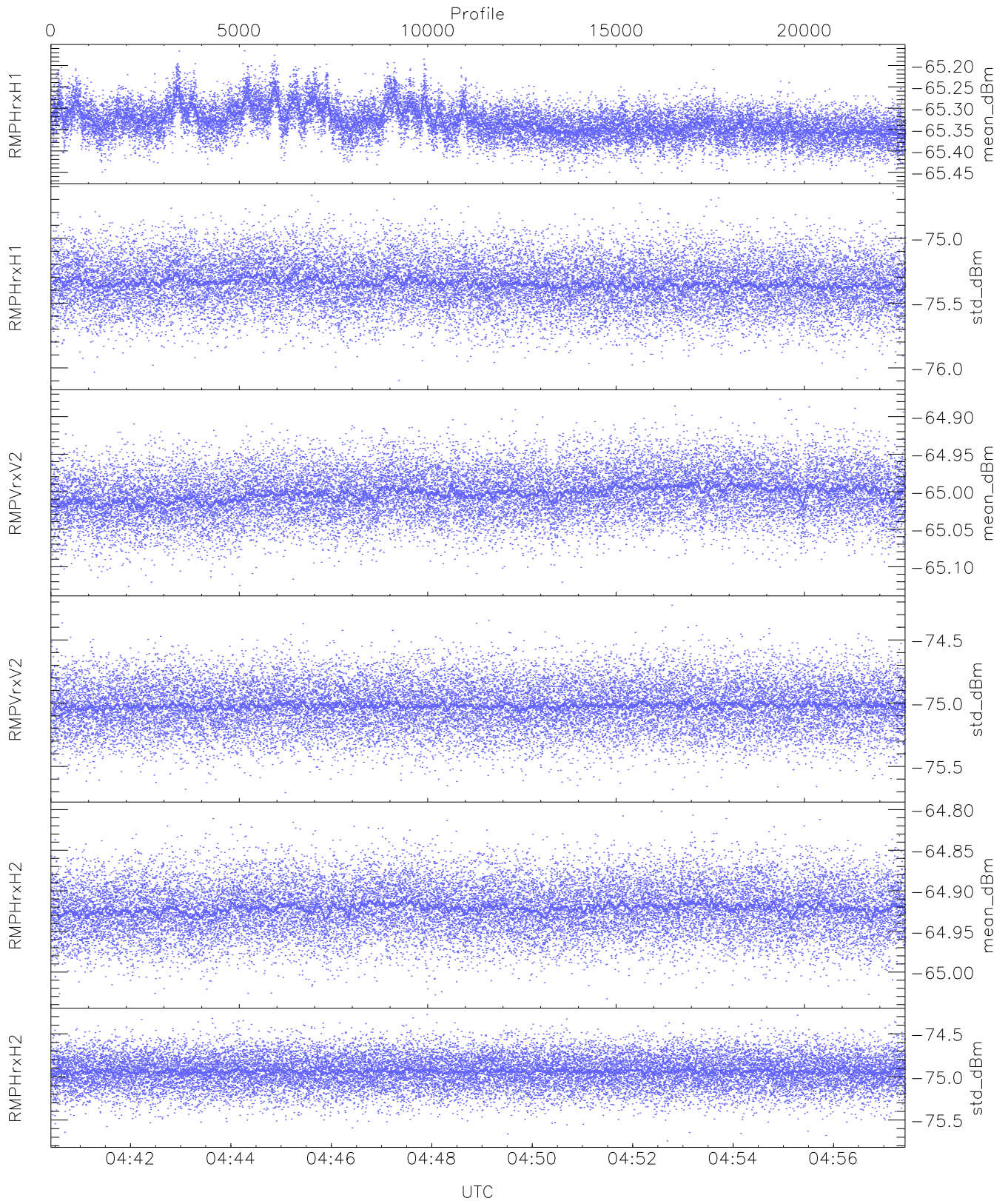
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,26,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,27,27
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



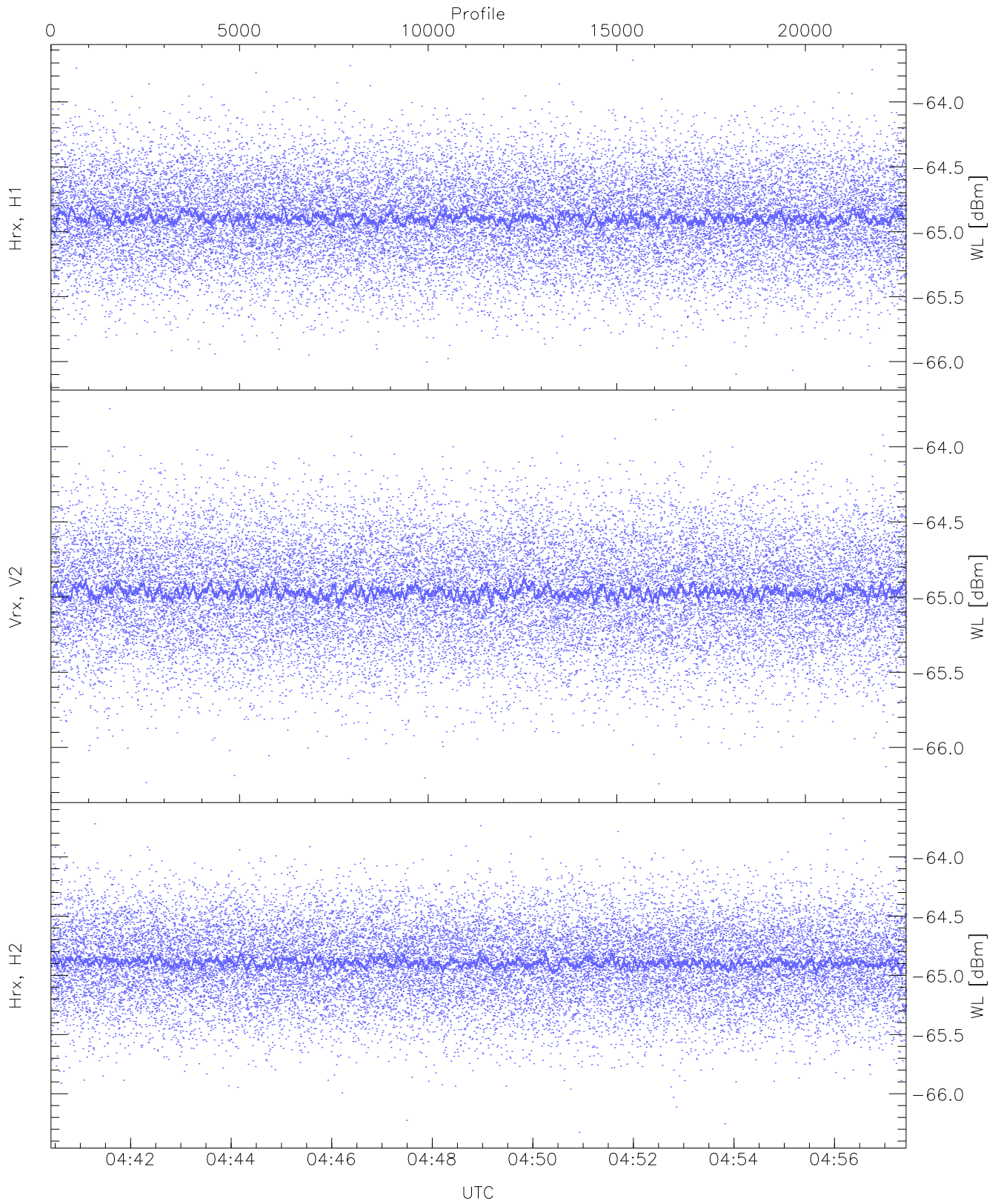
WCR3 CPP Receivers Gain and Noise Figure

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



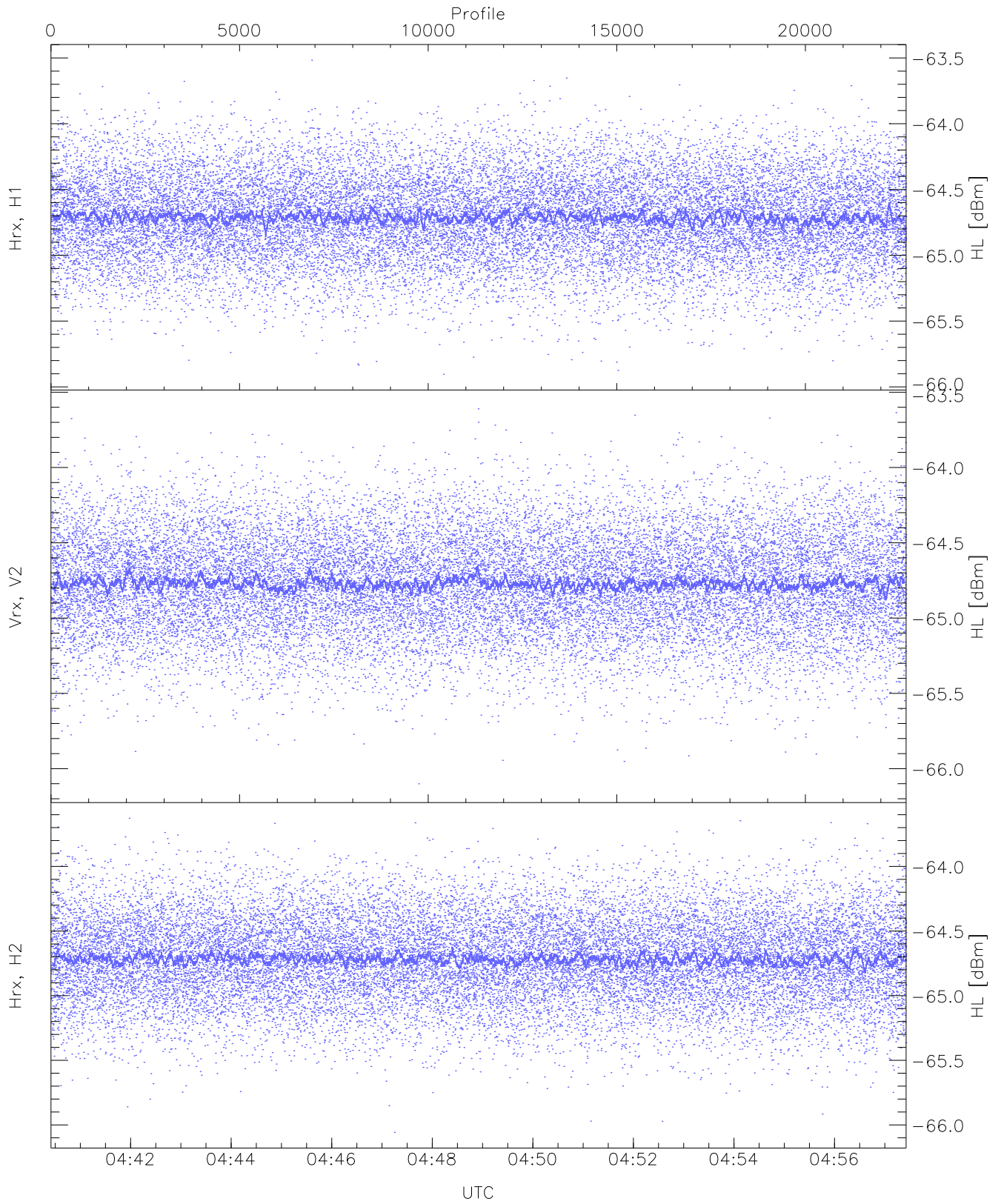
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.17	-65.33	-65.33	-85.77
RMPHrxH1(std_dBm)	-76.10	-74.65	-75.35	-75.35	-89.11
RMPVrxV2(mean_dBm)	-65.13	-64.88	-65.00	-65.00	-86.47
RMPVrxV2(std_dBm)	-75.71	-74.23	-75.02	-75.02	-88.78
RMPHrxH2(mean_dBm)	-65.03	-64.80	-64.92	-64.92	-86.50
RMPHrxH2(std_dBm)	-75.74	-74.28	-74.93	-74.94	-88.71



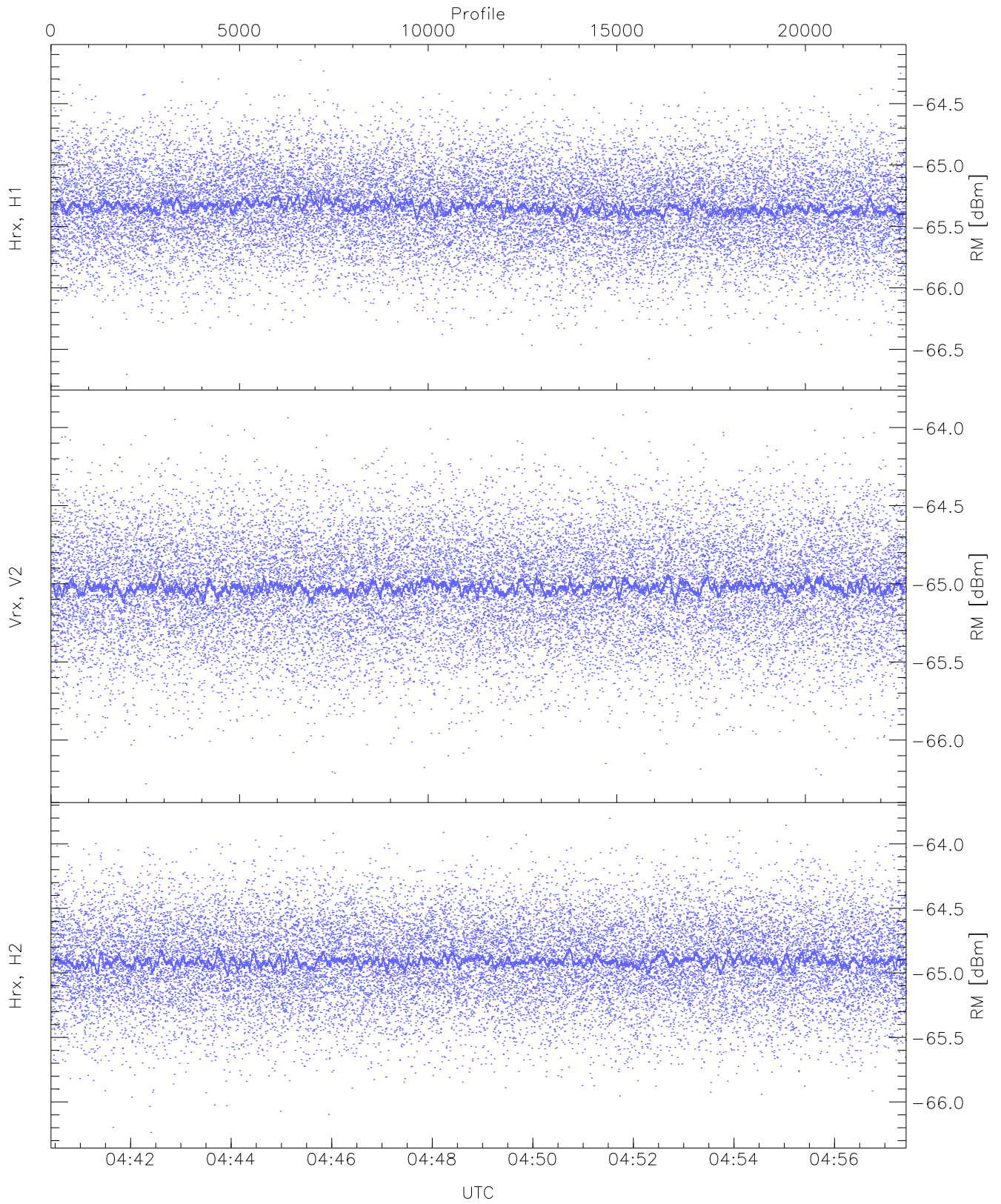
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.10	-63.68	-64.89	-64.90	-76.36
Vrx, V2(WL [dBm])	-66.24	-63.75	-64.96	-64.97	-76.45
Hrx, H2(WL [dBm])	-66.33	-63.67	-64.89	-64.89	-76.42



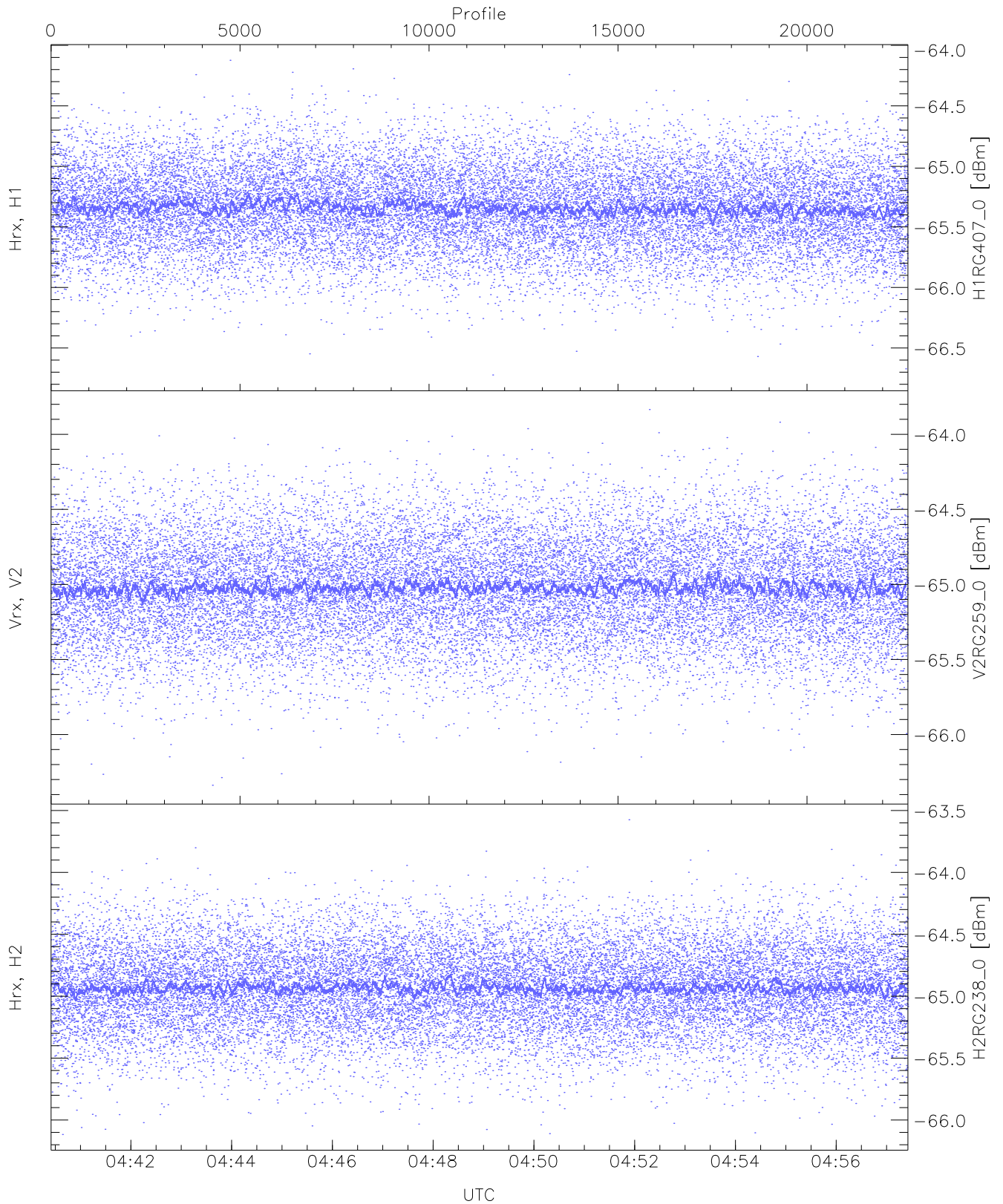
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.90	-63.52	-64.71	-64.71	-76.23
Vrx, V2 (HL [dBm])	-66.10	-63.61	-64.76	-64.77	-76.26
Hrx, H2 (HL [dBm])	-66.06	-63.63	-64.71	-64.72	-76.22



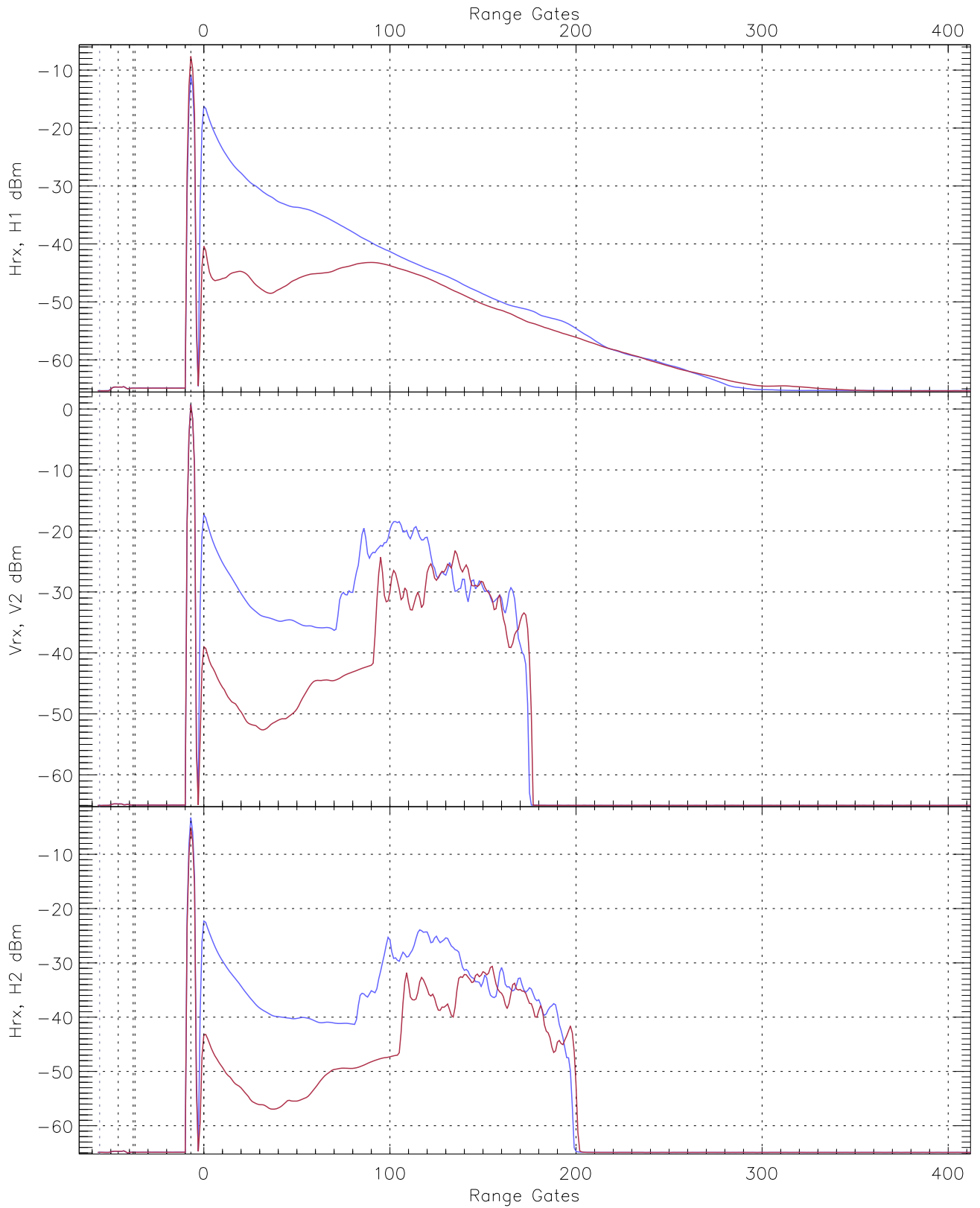
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.70	-64.15	-65.34	-65.35	-76.81
Vrx, V2 (RM [dBm])	-66.28	-63.88	-65.02	-65.02	-76.54
Hrx, H2 (RM [dBm])	-66.24	-63.80	-64.90	-64.91	-76.41

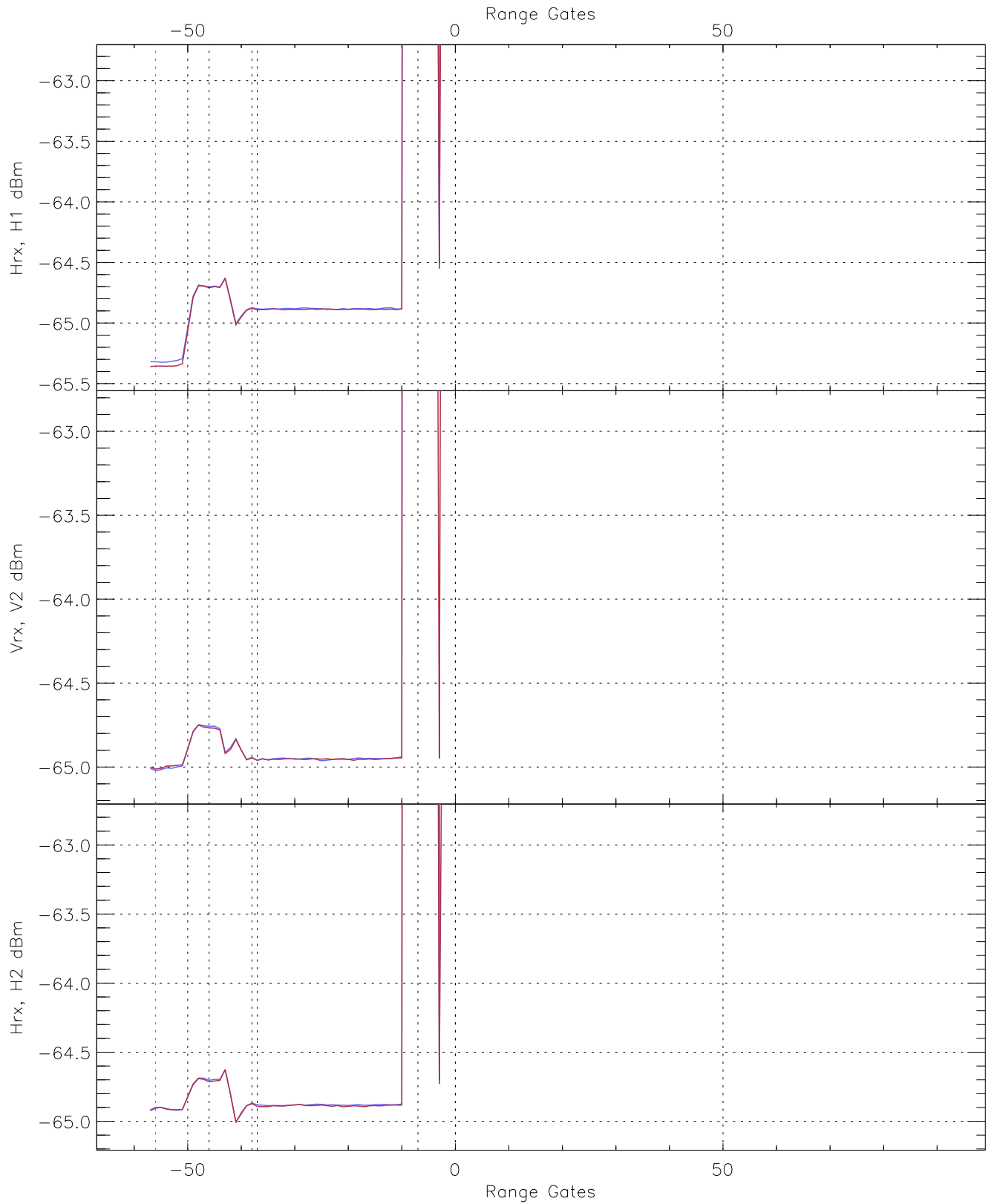


WCR3 CPP "Best" estimate Receivers Noise Power

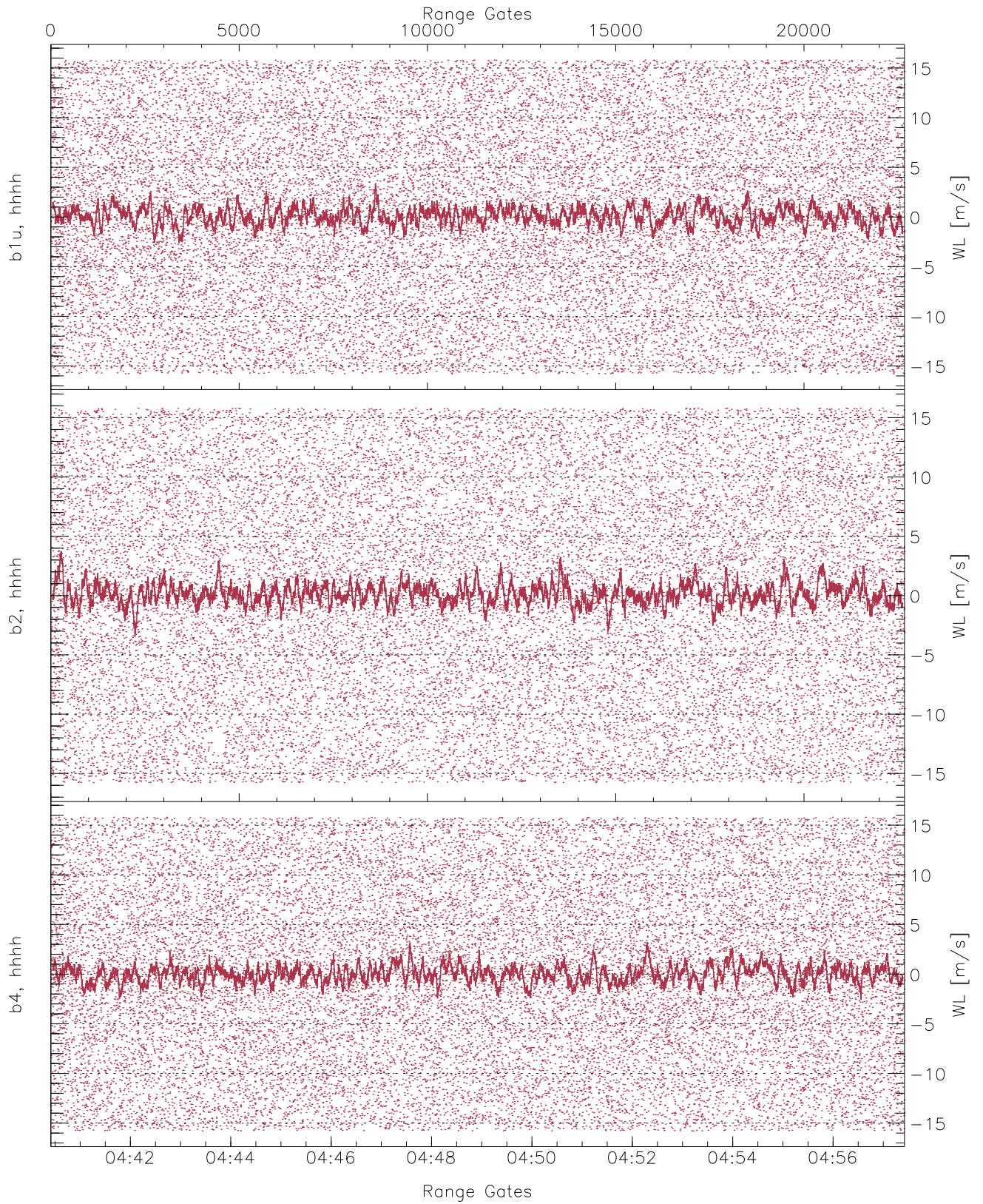
	Min	Max	Mean	Median	StDev
H1RG407_0 [dBm]	-66.72	-64.12	-65.34	-65.34	-76.83
V2RG259_0 [dBm]	-66.34	-63.83	-65.02	-65.02	-76.55
H2RG238_0 [dBm]	-66.12	-63.57	-64.93	-64.93	-76.43



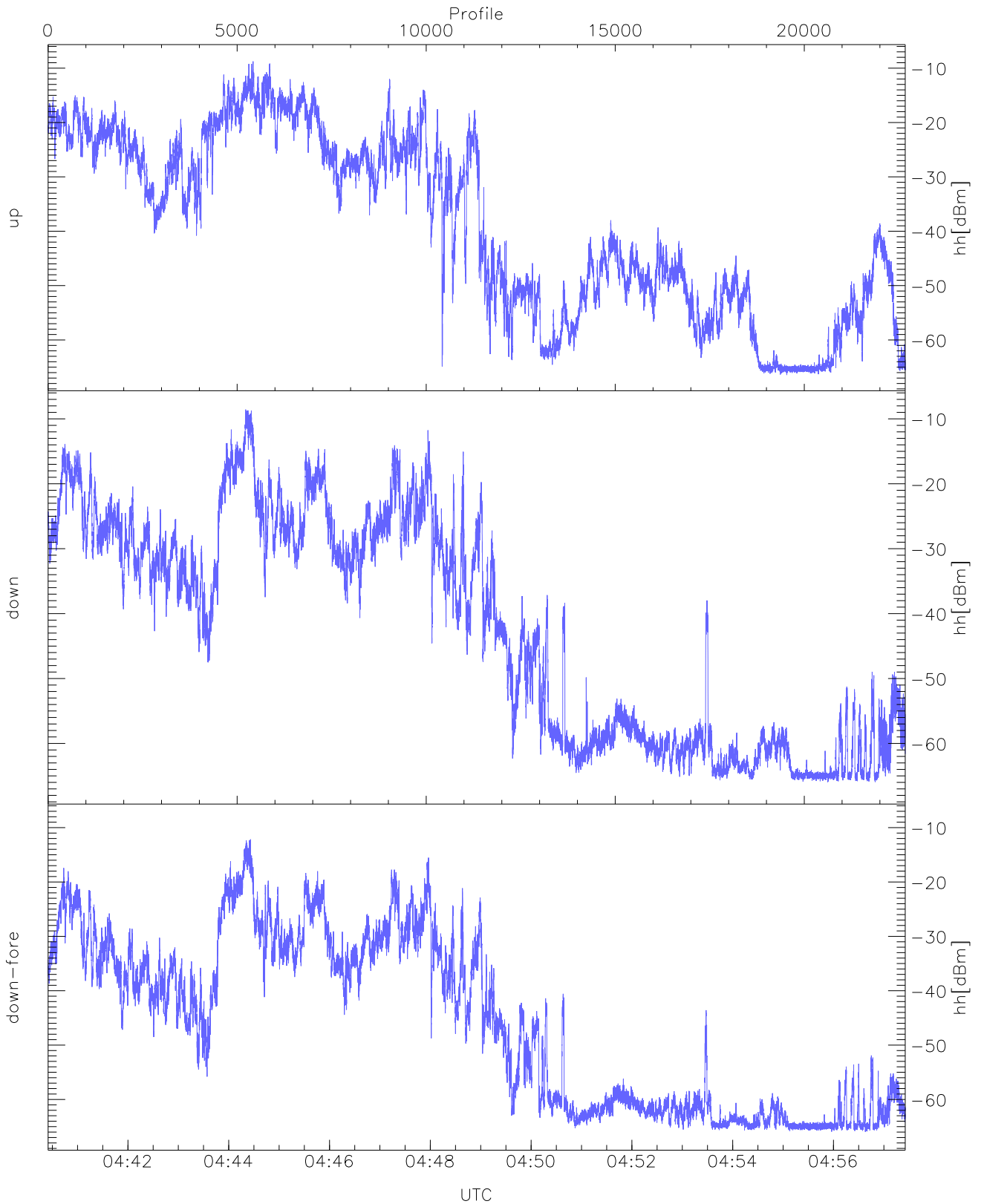
WCR3 CPP Averaged Received power for all recorded gates
blue: 044025-044855, 11337 profiles averaged
red: 044855-045725, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 044025-044855, 11337 profiles averaged
red: 044855-045725, 11336 profiles averaged

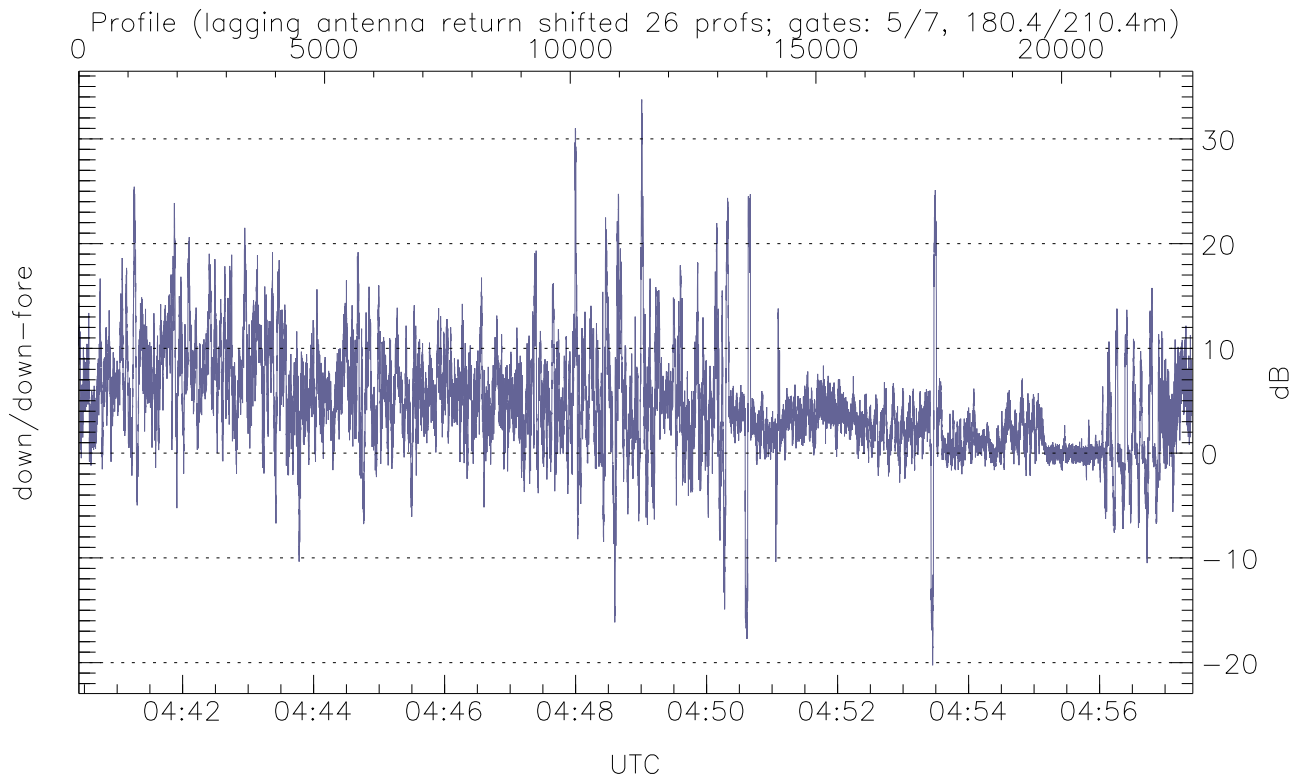
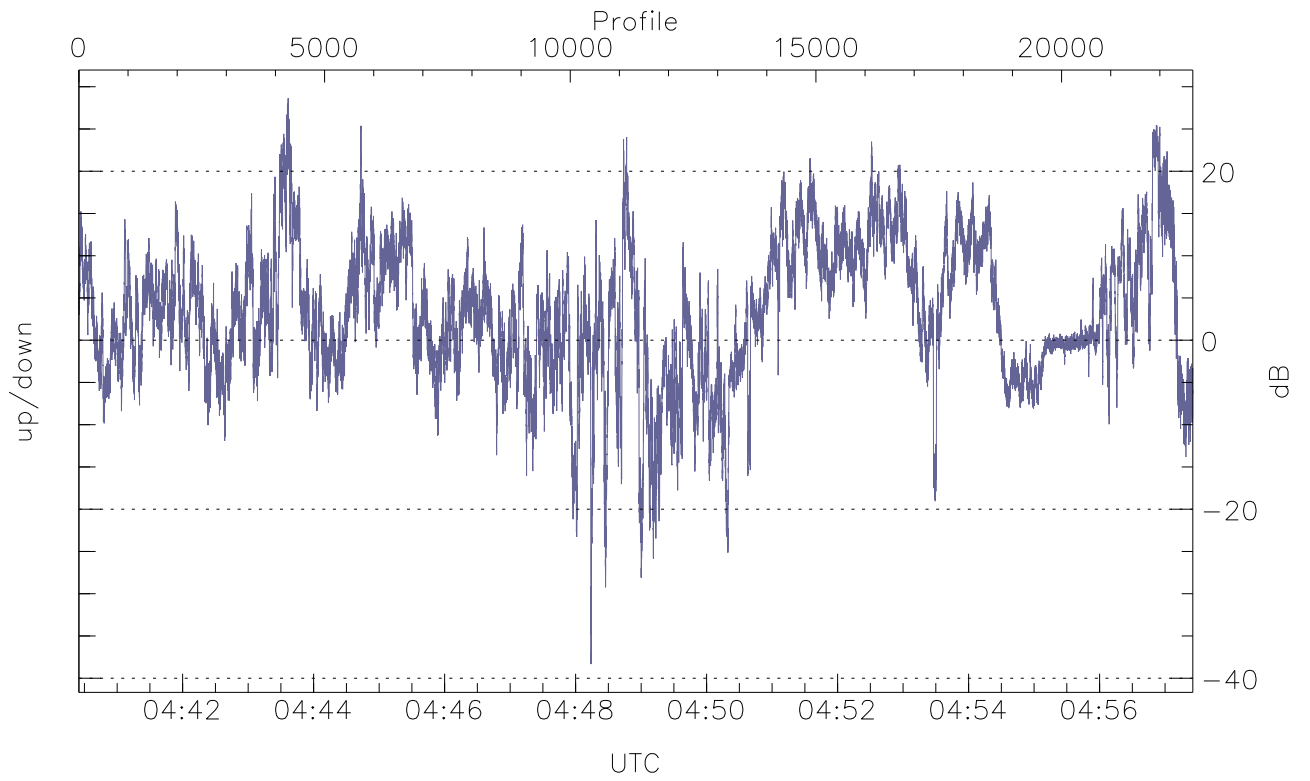


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



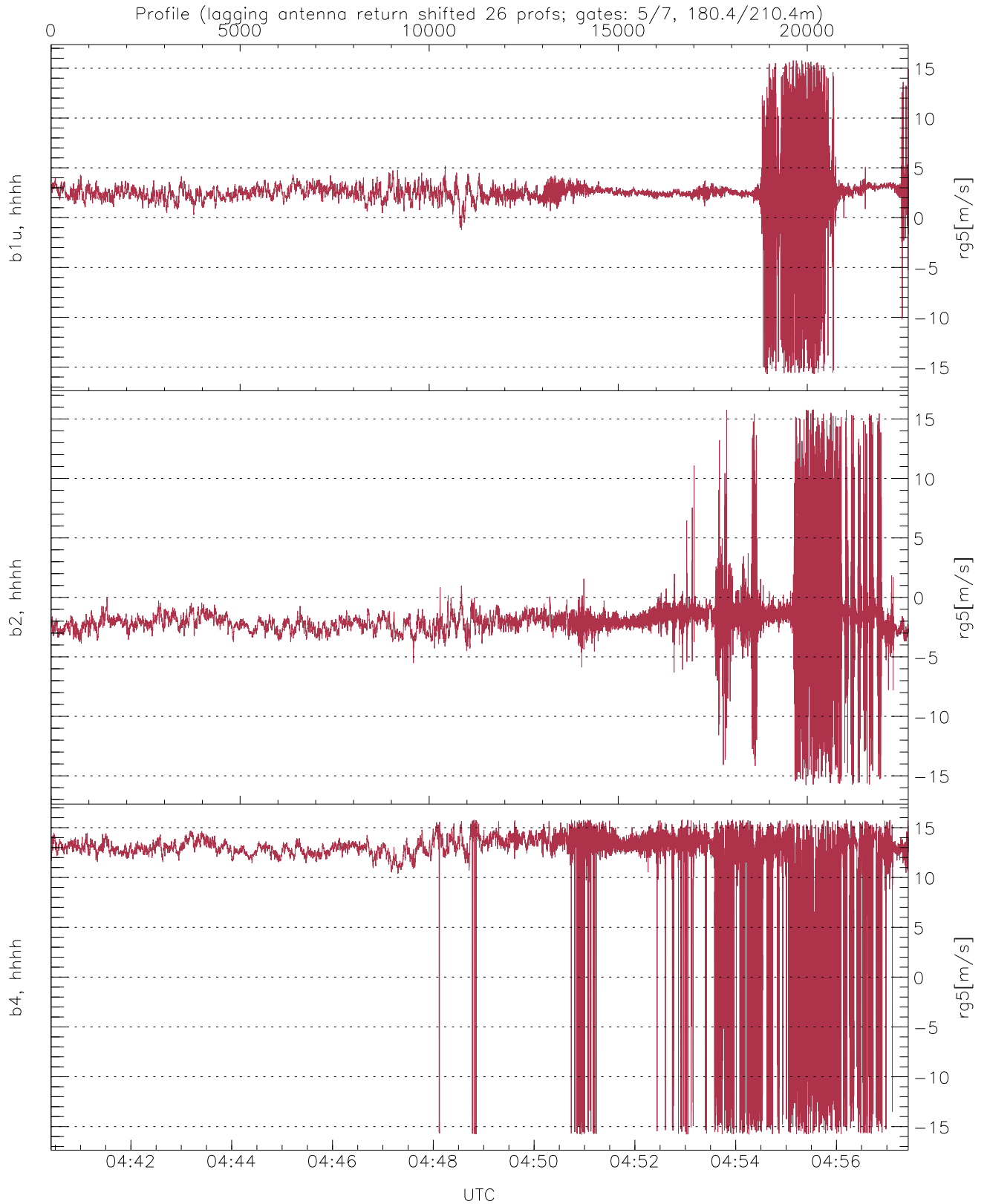
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.44	-8.75	-23.27
down(hh[dBm])	-65.95	-8.56	-24.79
down-fore(hh[dBm])	-65.94	-12.16	-29.18



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

	Min	Max	Mean
up/down (dB)	-38.32	28.63	3.24
down/down-fore (dB)	-20.25	33.76	4.59



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.69	15.77	2.40	2.27
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.90	2.43
b4, hhhh(rg5[m/s])	-15.79	15.79	11.42	5.79