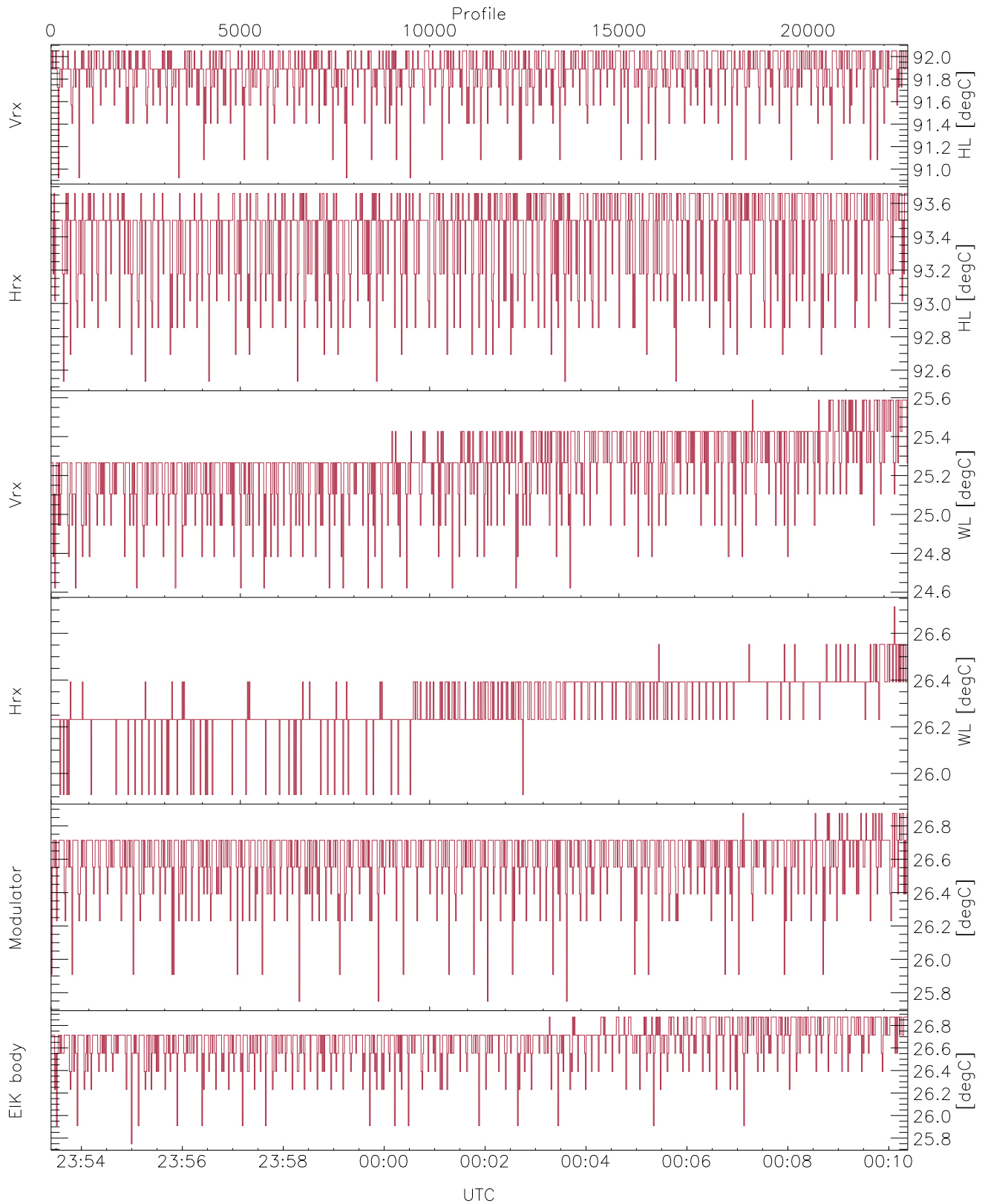


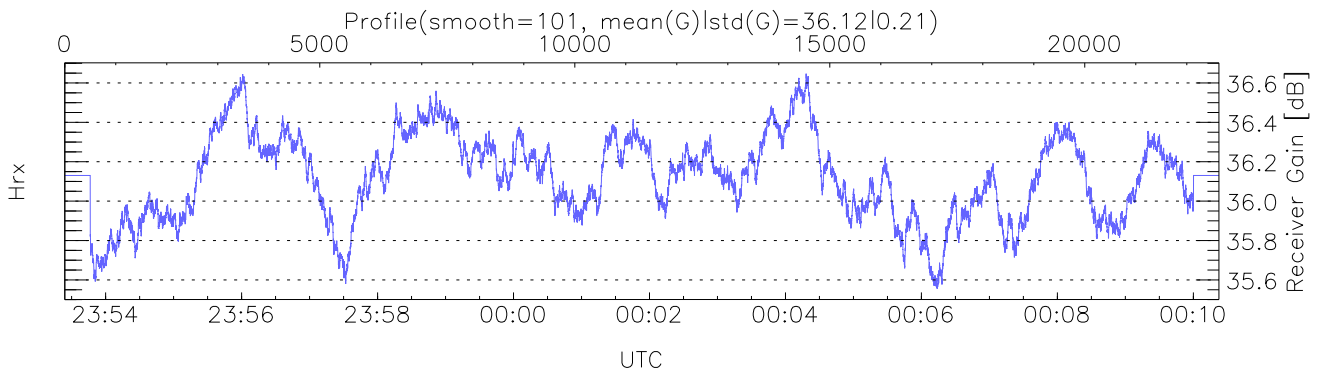
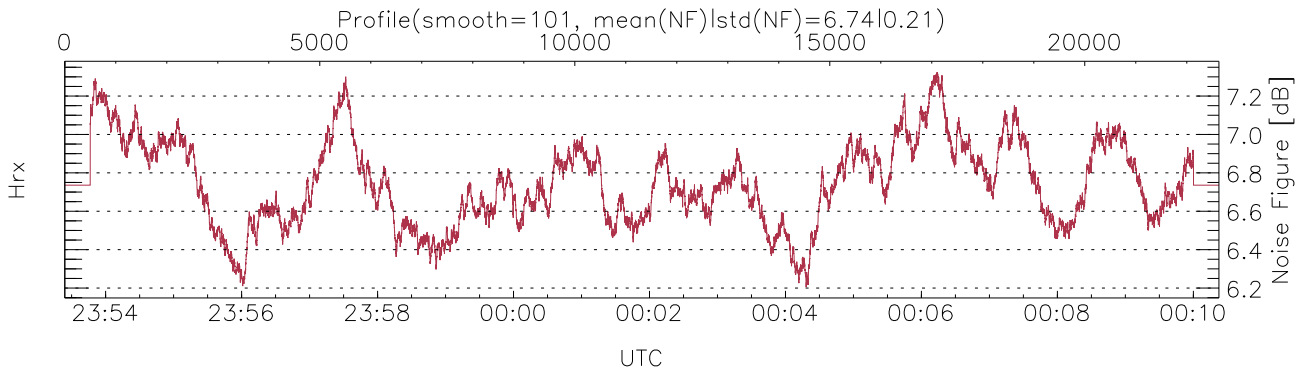
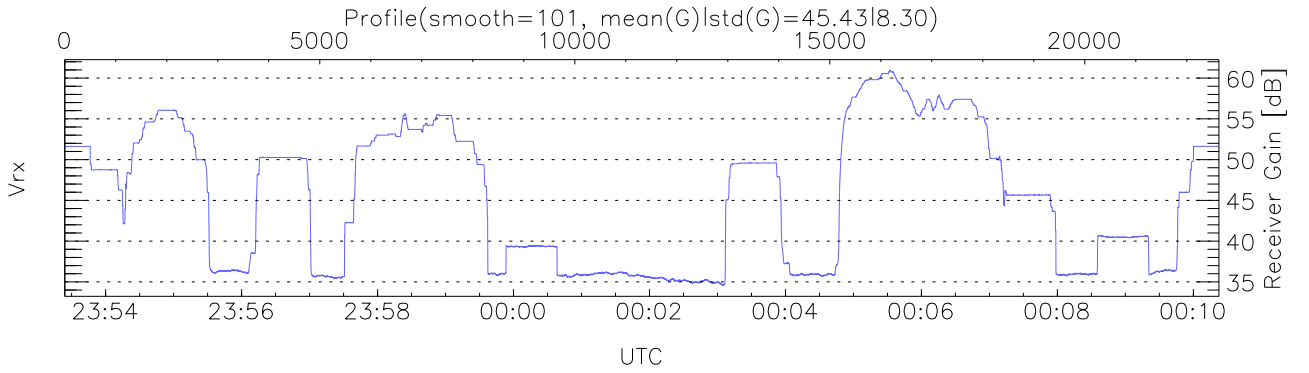
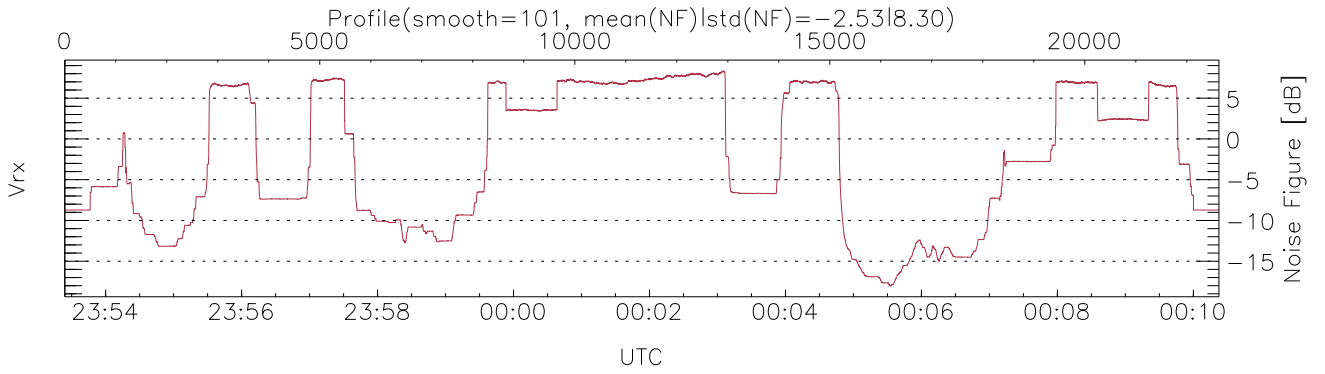
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:53:24-00:10:23, TimeCor: 0.00s, Dur: 1018.65s
 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): 22632/22632, 0-22631/23:53:24-00:10:23
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



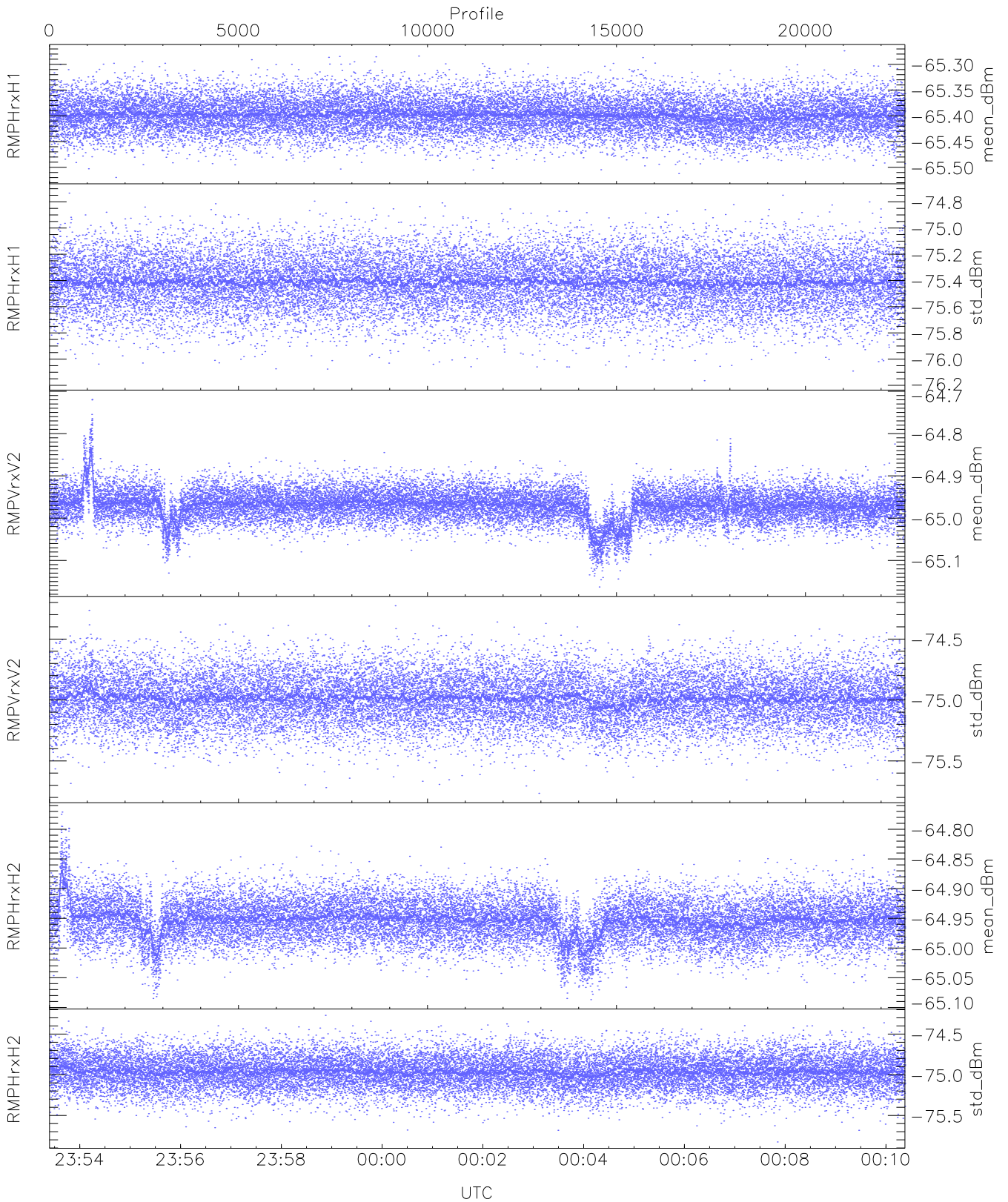
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,25,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,26,26`
`LOalarm(20,240,2817,14861 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (48,70,70,70,48)`



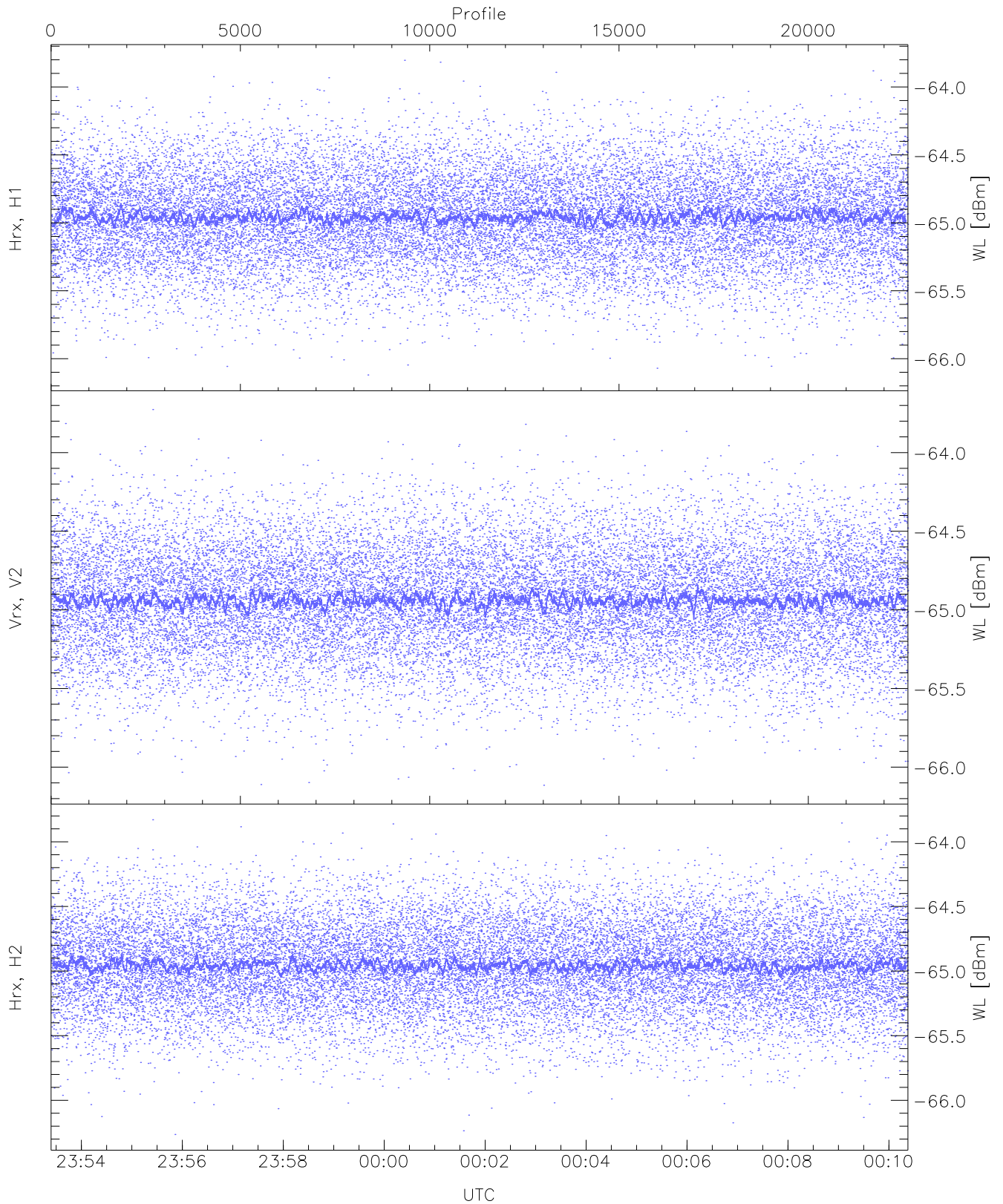
WCR3 CPP Receivers Gain and Noise Figure

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



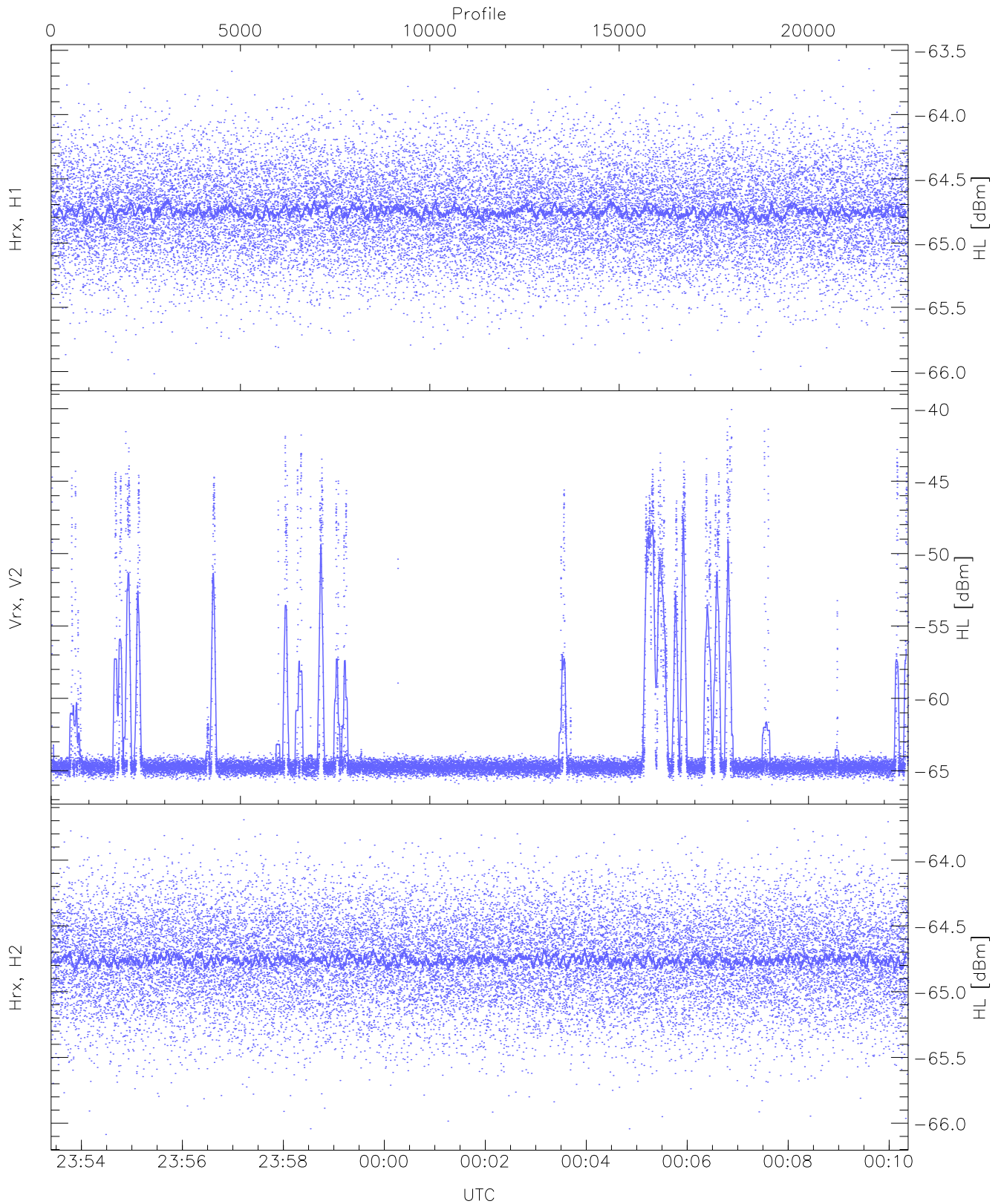
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.27	-65.40	-65.40	-86.96
RMPHrxH1(std_dBm)	-76.16	-74.73	-75.41	-75.41	-89.21
RMPVrxV2(mean_dBm)	-65.16	-64.72	-64.97	-64.97	-85.64
RMPVrxV2(std_dBm)	-75.77	-74.23	-74.99	-74.99	-88.74
RMPHrxH2(mean_dBm)	-65.09	-64.77	-64.95	-64.95	-86.09
RMPHrxH2(std_dBm)	-75.83	-74.27	-74.97	-74.97	-88.74



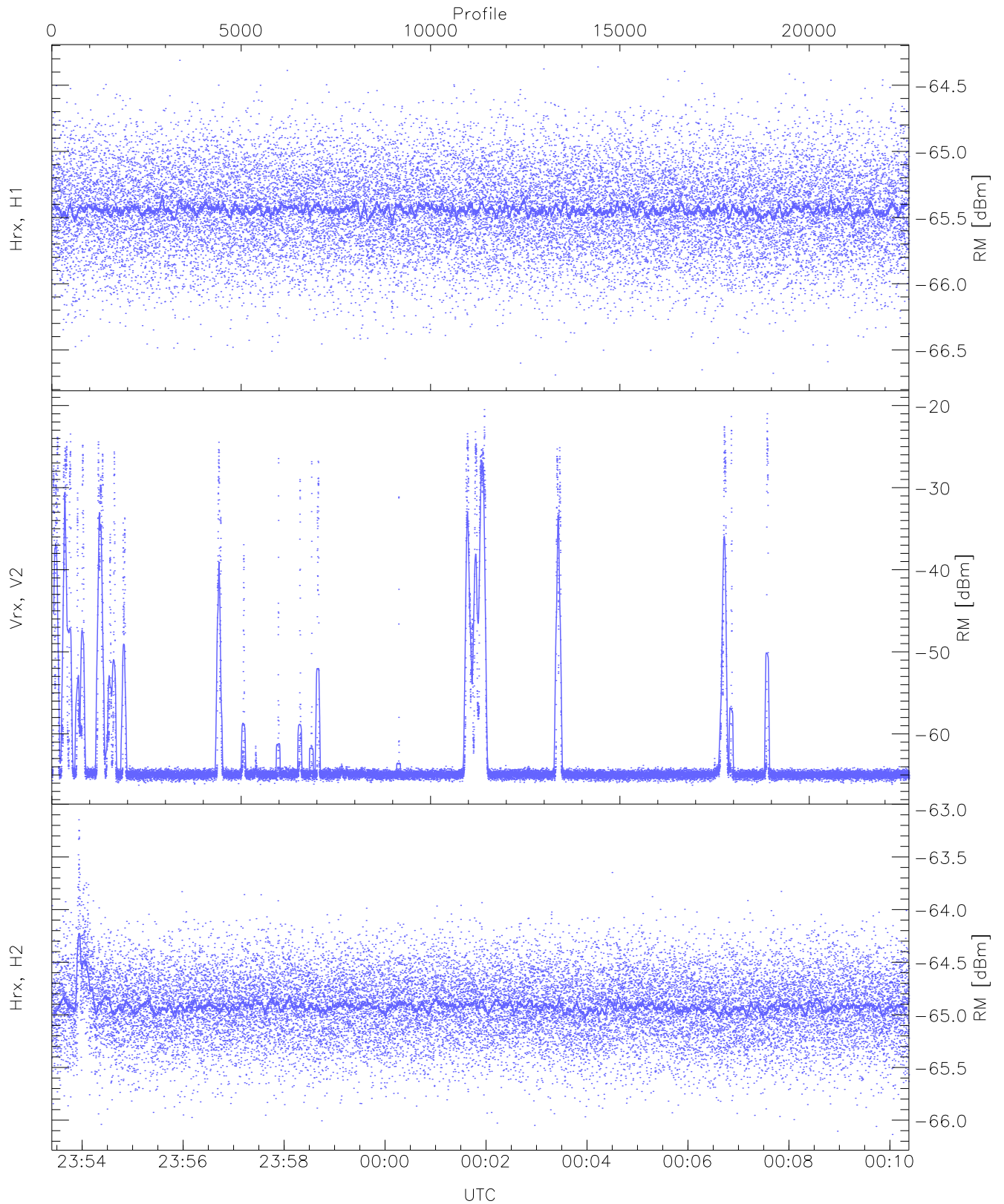
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.12	-63.80	-64.95	-64.95	-76.46
Vrx, V2 (WL [dBm])	-66.12	-63.73	-64.93	-64.94	-76.46
Hrx, H2 (WL [dBm])	-66.26	-63.83	-64.95	-64.96	-76.46



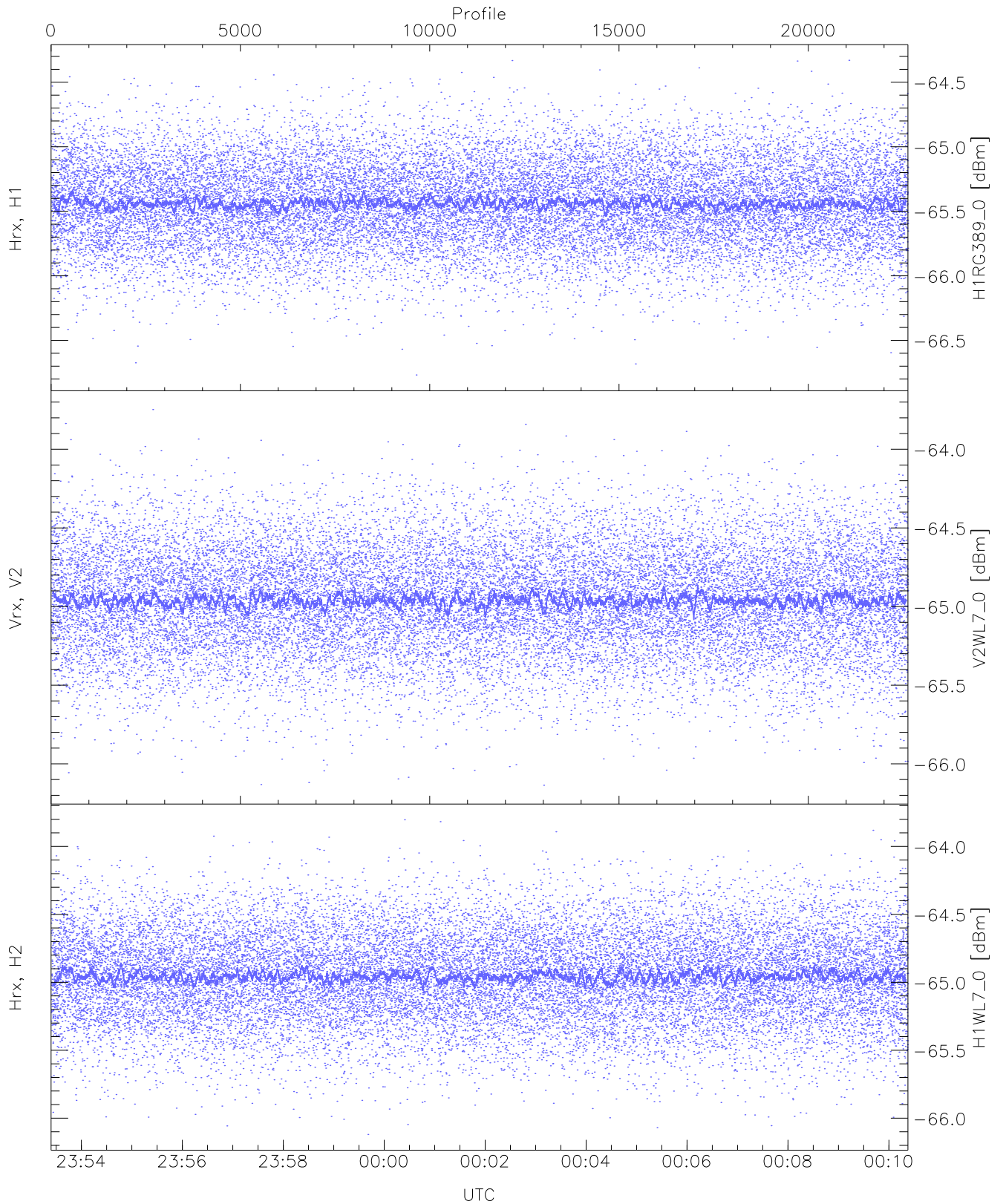
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.03	-63.58	-64.75	-64.75	-76.23
Vrx, V2 (HL [dBm])	-66.00	-40.05	-58.00	-64.69	-52.76
Hrx, H2 (HL [dBm])	-66.09	-63.69	-64.75	-64.76	-76.25



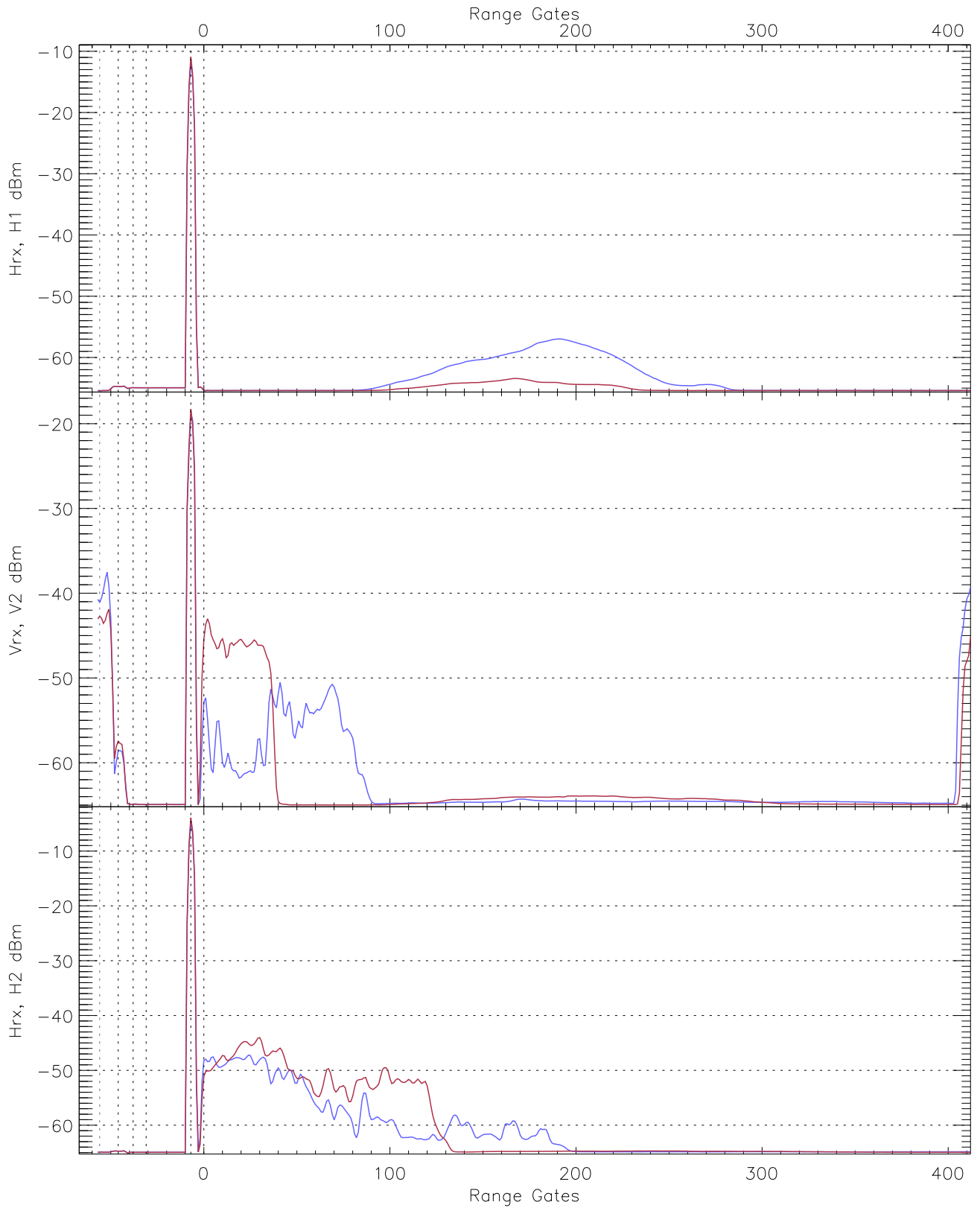
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.69	-64.31	-65.43	-65.44	-76.93
Vrx, V2 (RM [dBm])	-66.25	-20.48	-41.82	-64.88	-34.12
Hrx, H2 (RM [dBm])	-66.14	-63.15	-64.91	-64.92	-76.29

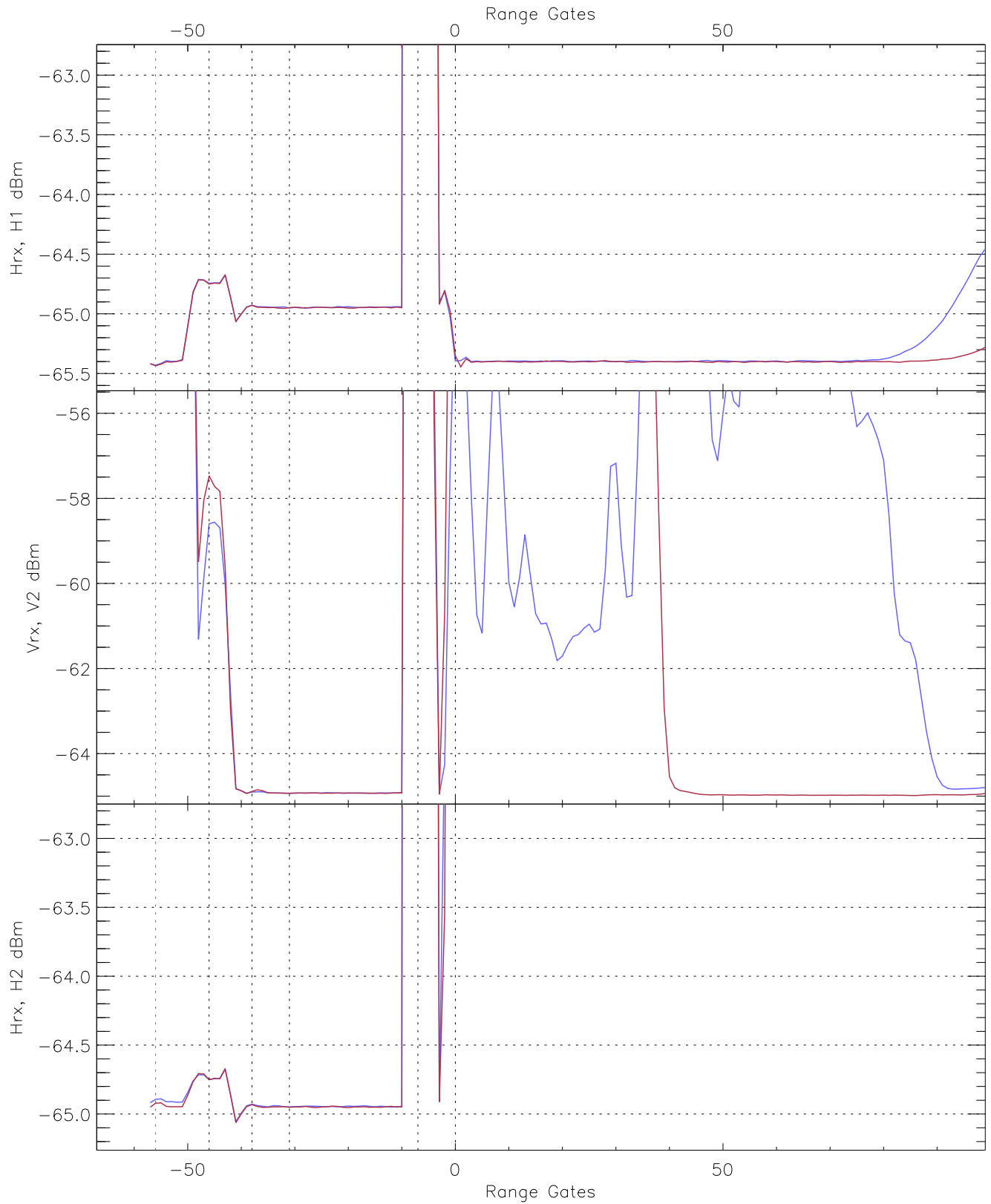


WCR3 CPP "Best" estimate Receivers Noise Power

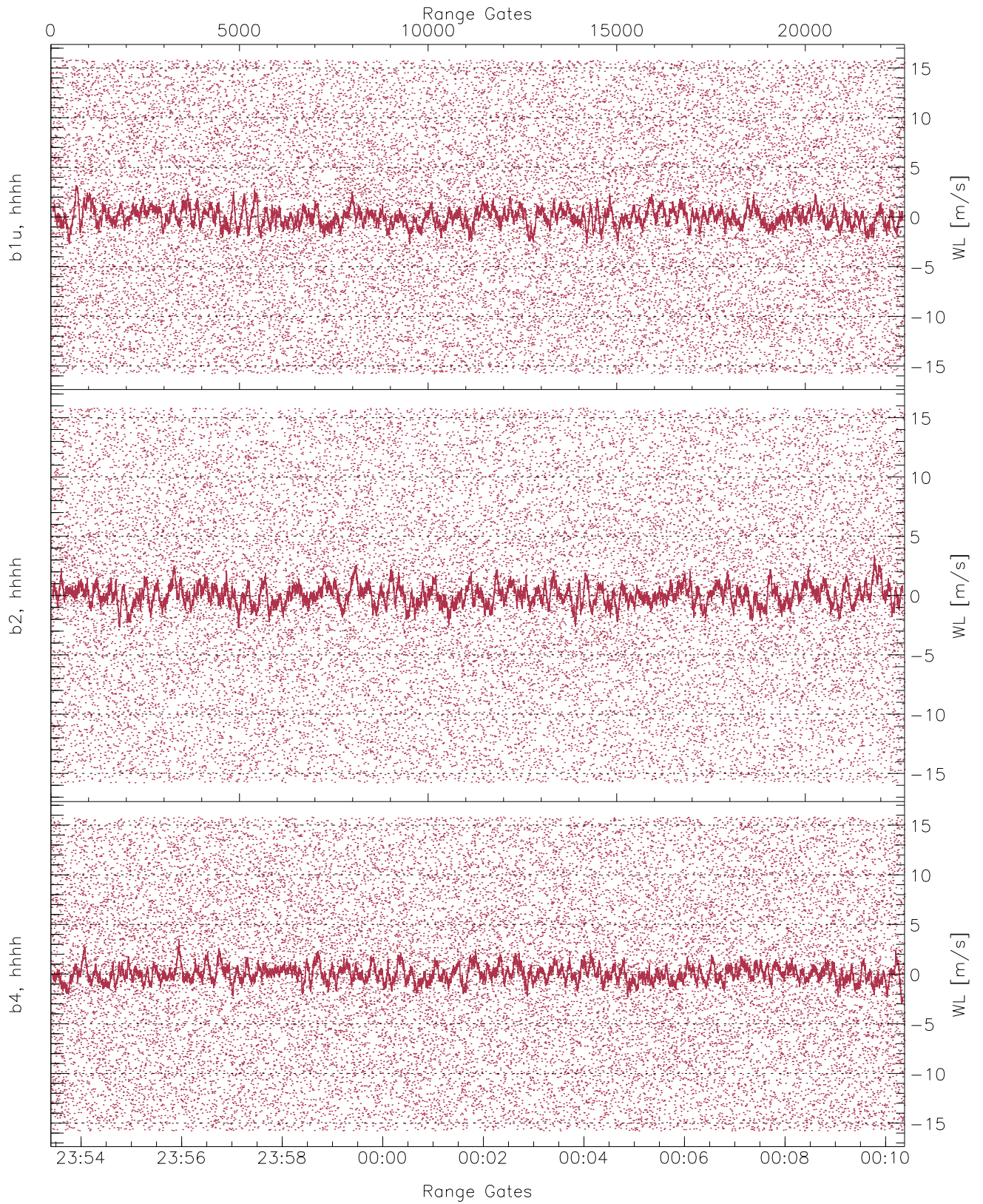
	Min	Max	Mean	Median	StDev
H1RG389_0 [dBm]	-66.77	-64.33	-65.43	-65.44	-76.96
V2WL7_0 [dBm]	-66.14	-63.75	-64.95	-64.96	-76.48
H1WL7_0 [dBm]	-66.12	-63.80	-64.95	-64.95	-76.46



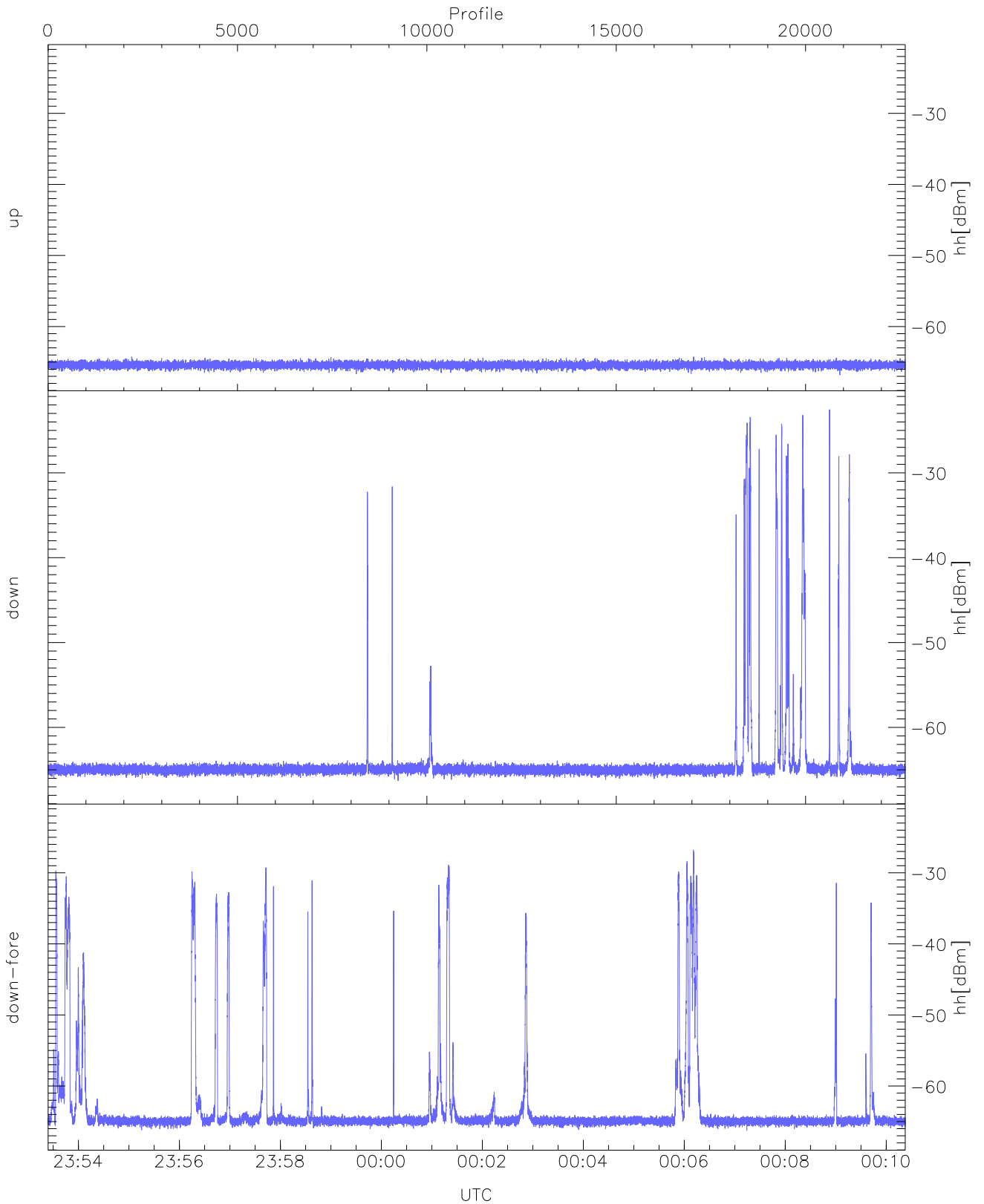
WCR3 CPP Averaged Received power for all recorded gates
blue: 235324-240153, 11317 profiles averaged
red: 240153-001023, 11316 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 235324-240153, 11317 profiles averaged
red: 240153-001023, 11316 profiles averaged

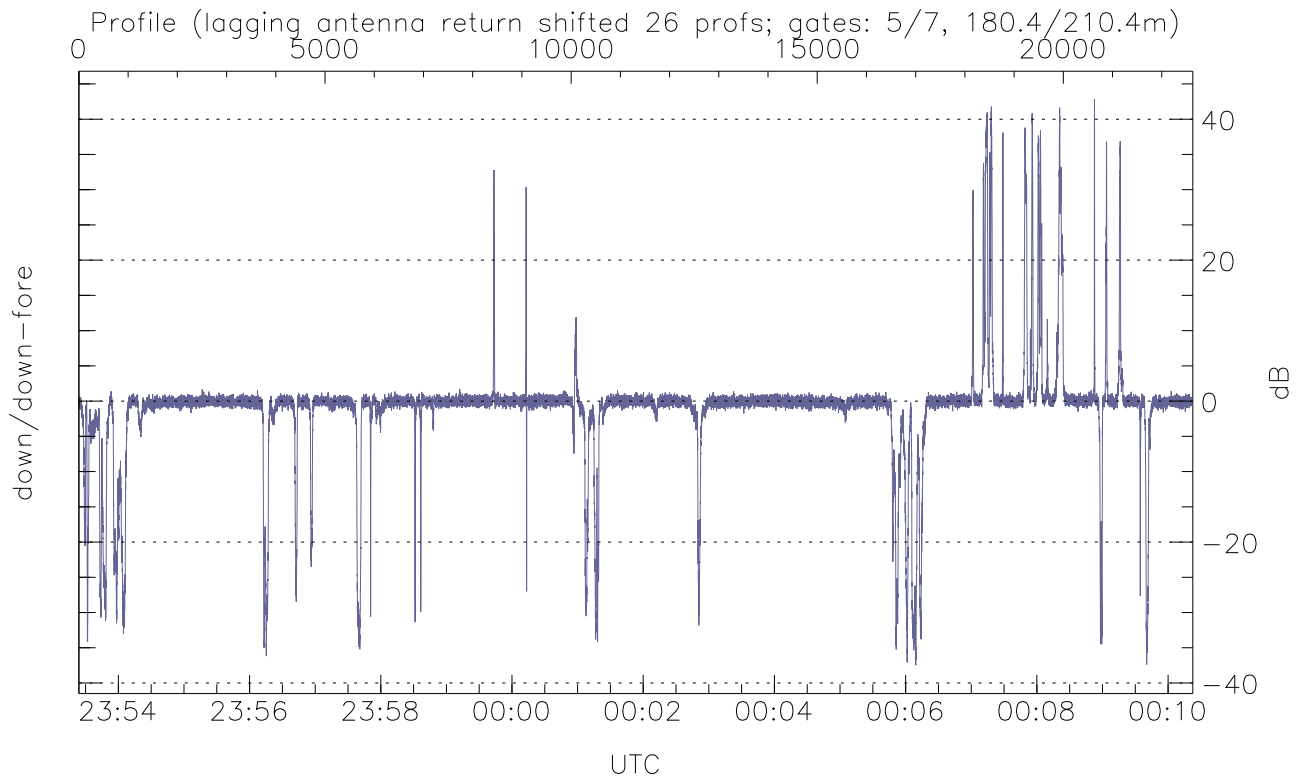
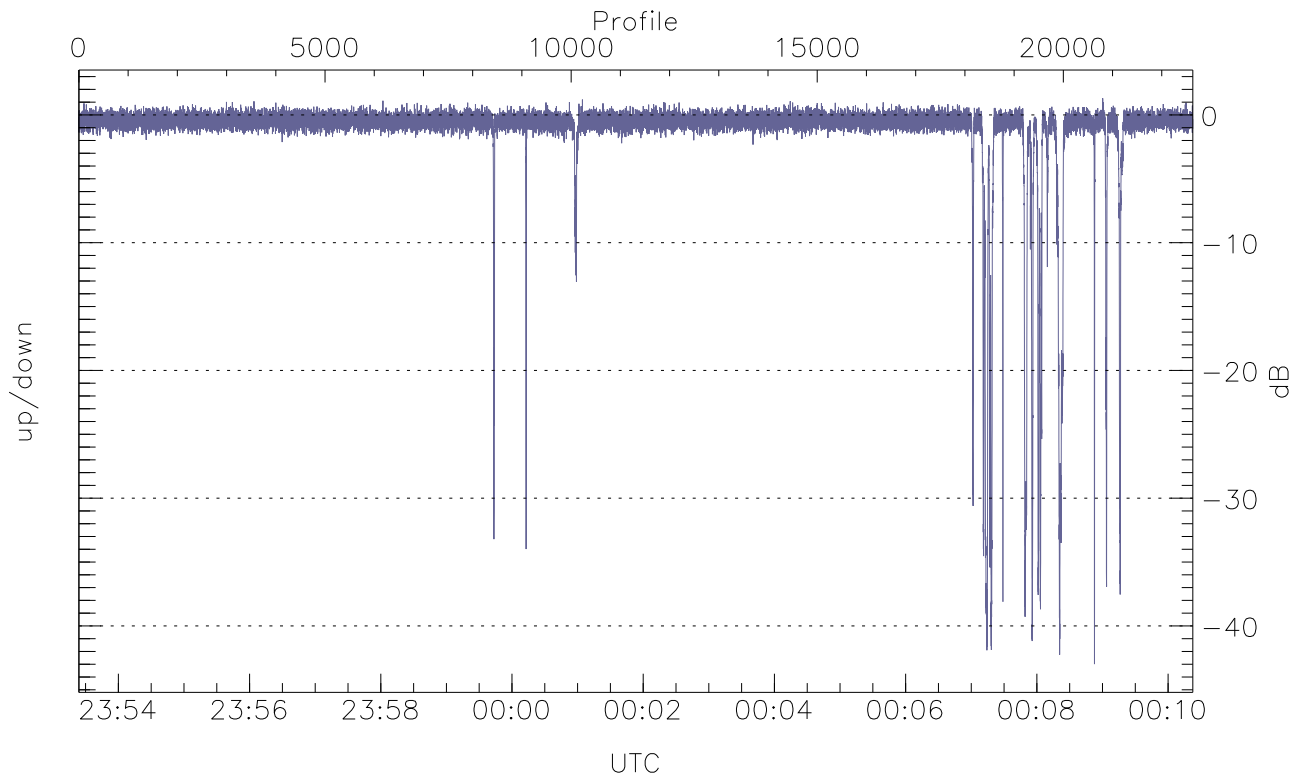


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



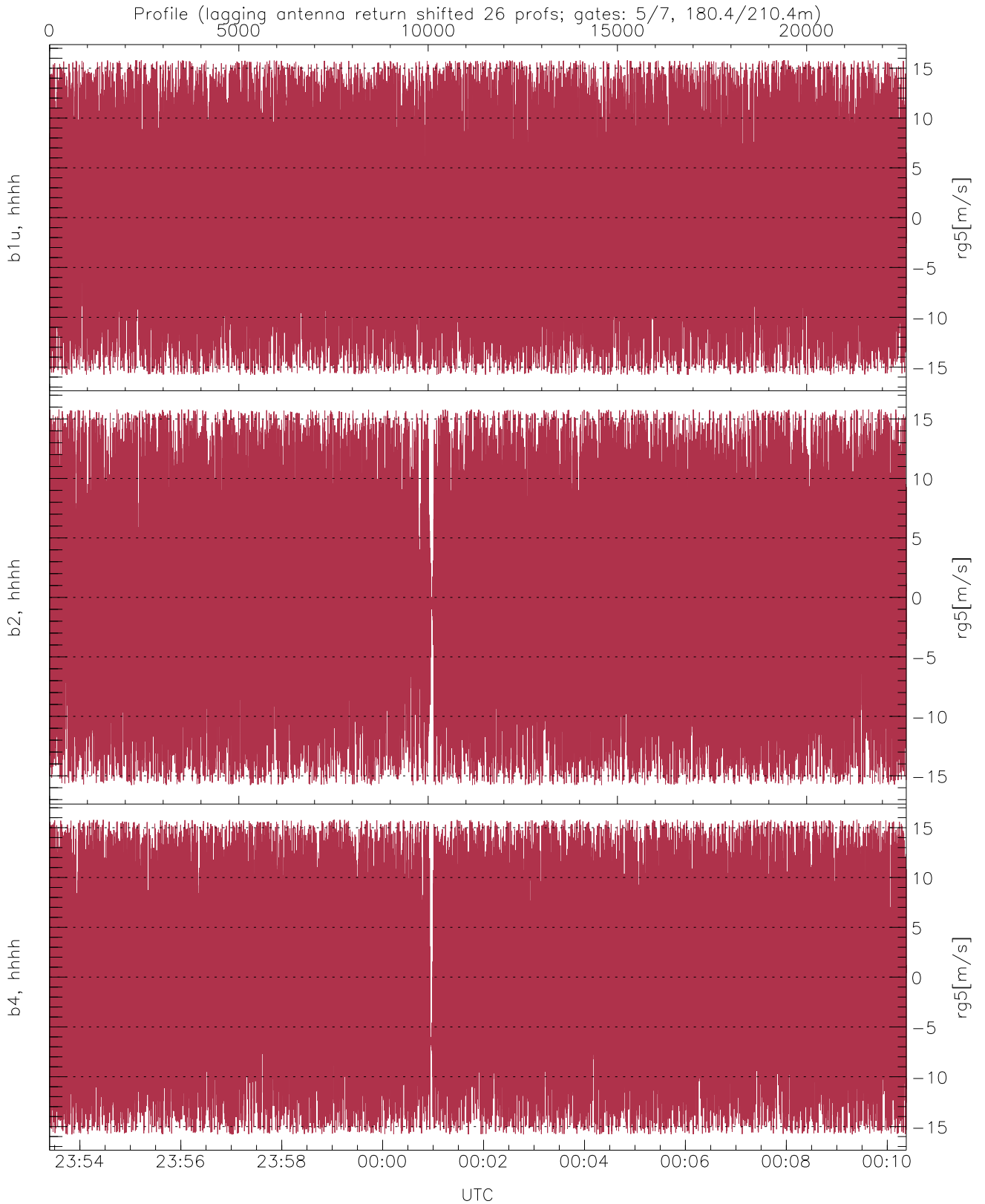
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.82	-64.24	-65.40
down(hh[dBm])	-66.28	-22.54	-48.38
down-fore(hh[dBm])	-66.26	-26.77	-48.39



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

	Min	Max	Mean
up/down (dB)	-42.99	1.30	-1.20
down/down-fore (dB)	-37.48	42.79	-1.13



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.03	8.47
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.01	8.56
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.05	8.71