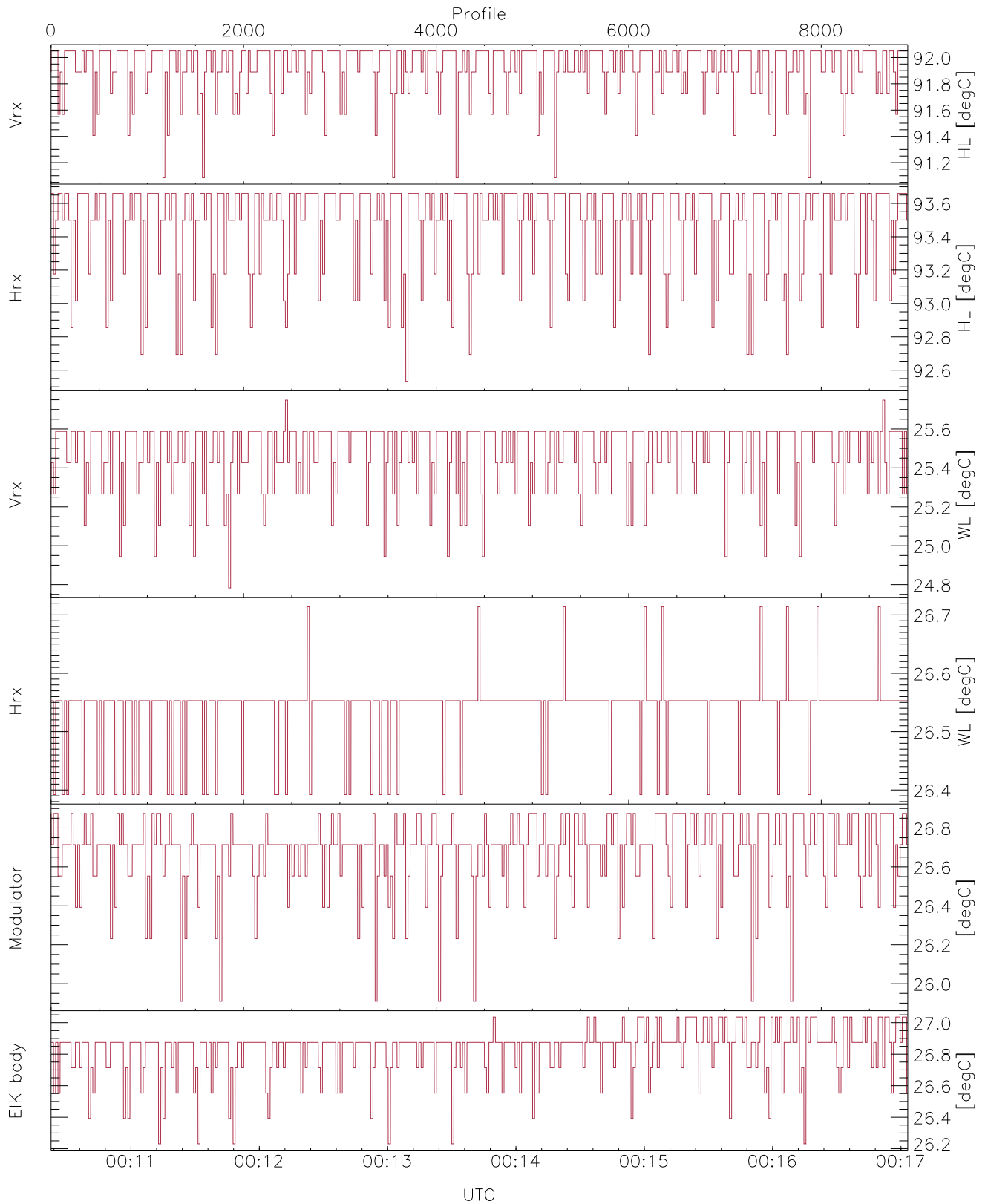


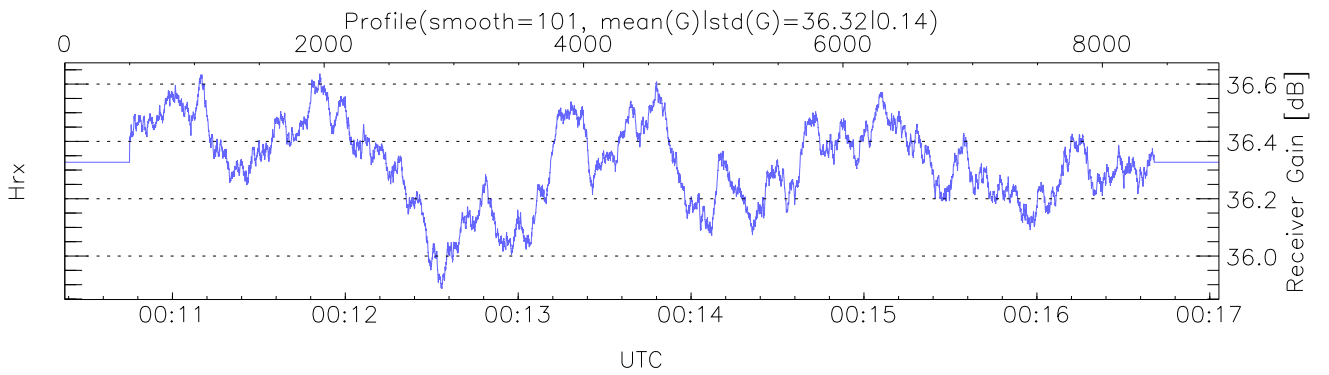
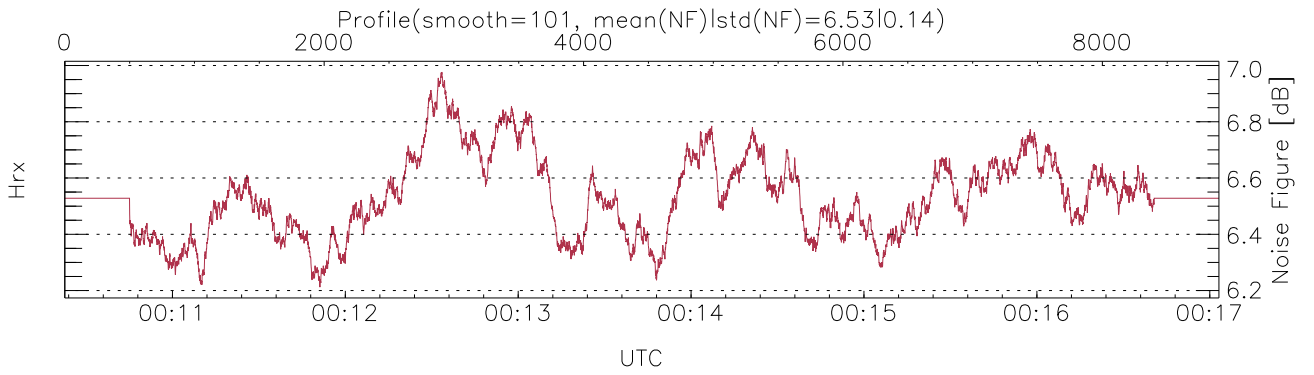
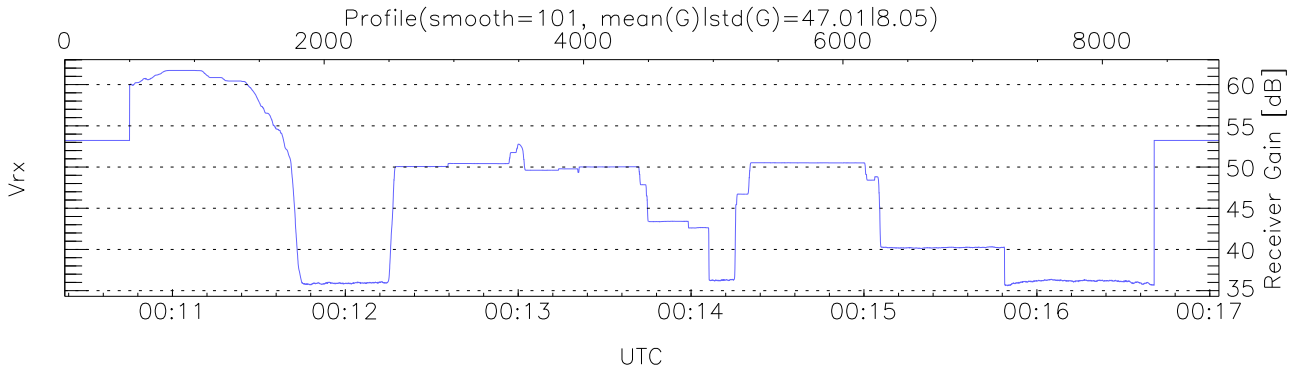
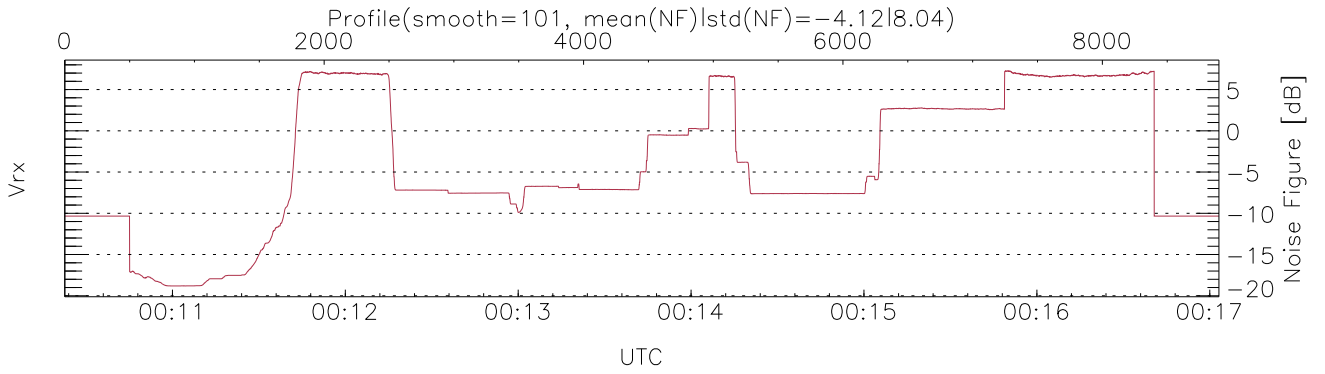
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:10:23-00:17:03, TimeCor: 0.00s, Dur: 400.55s
 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): 8900/8900, 0-8899/00:10:23-00:17:03
 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



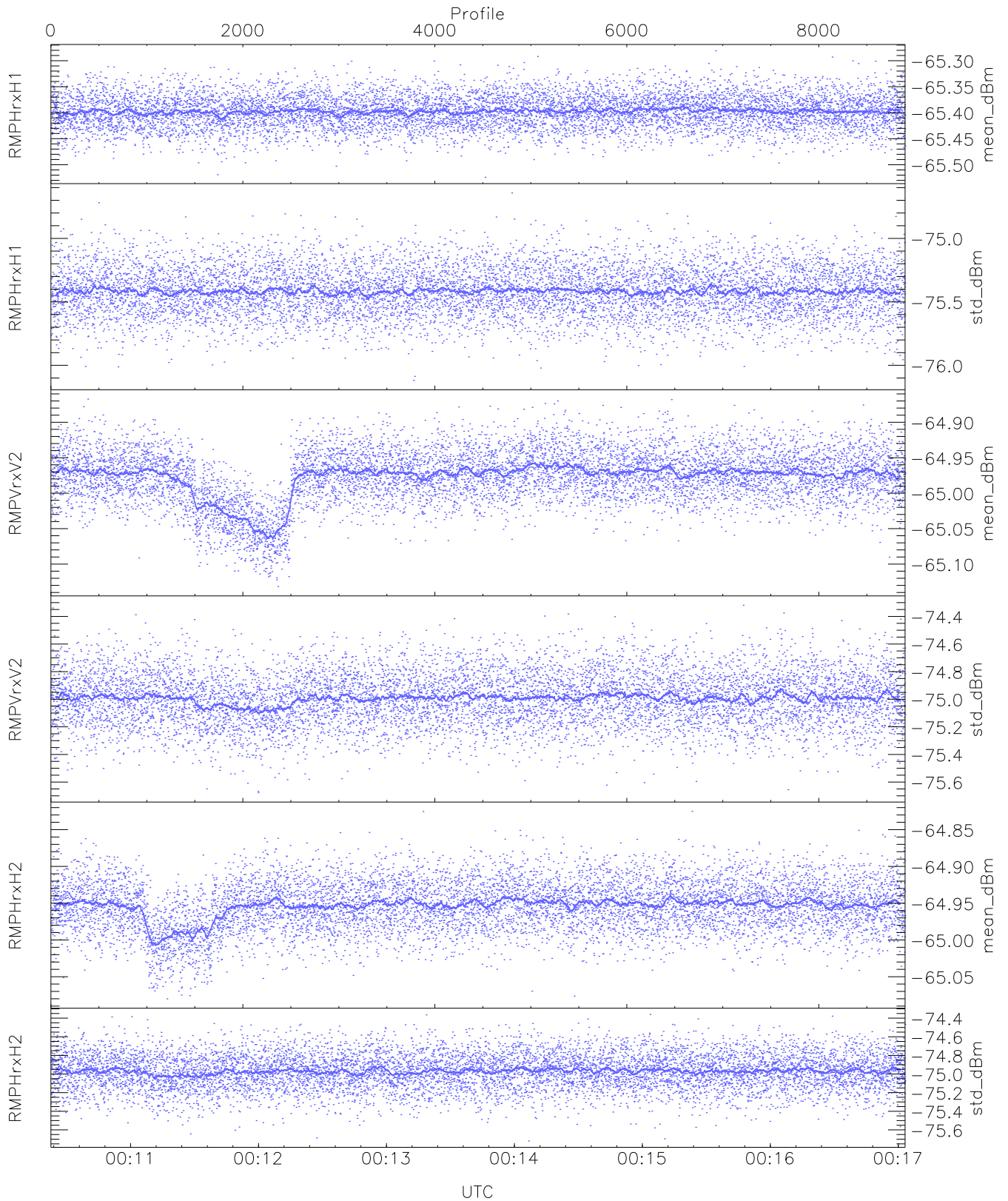
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



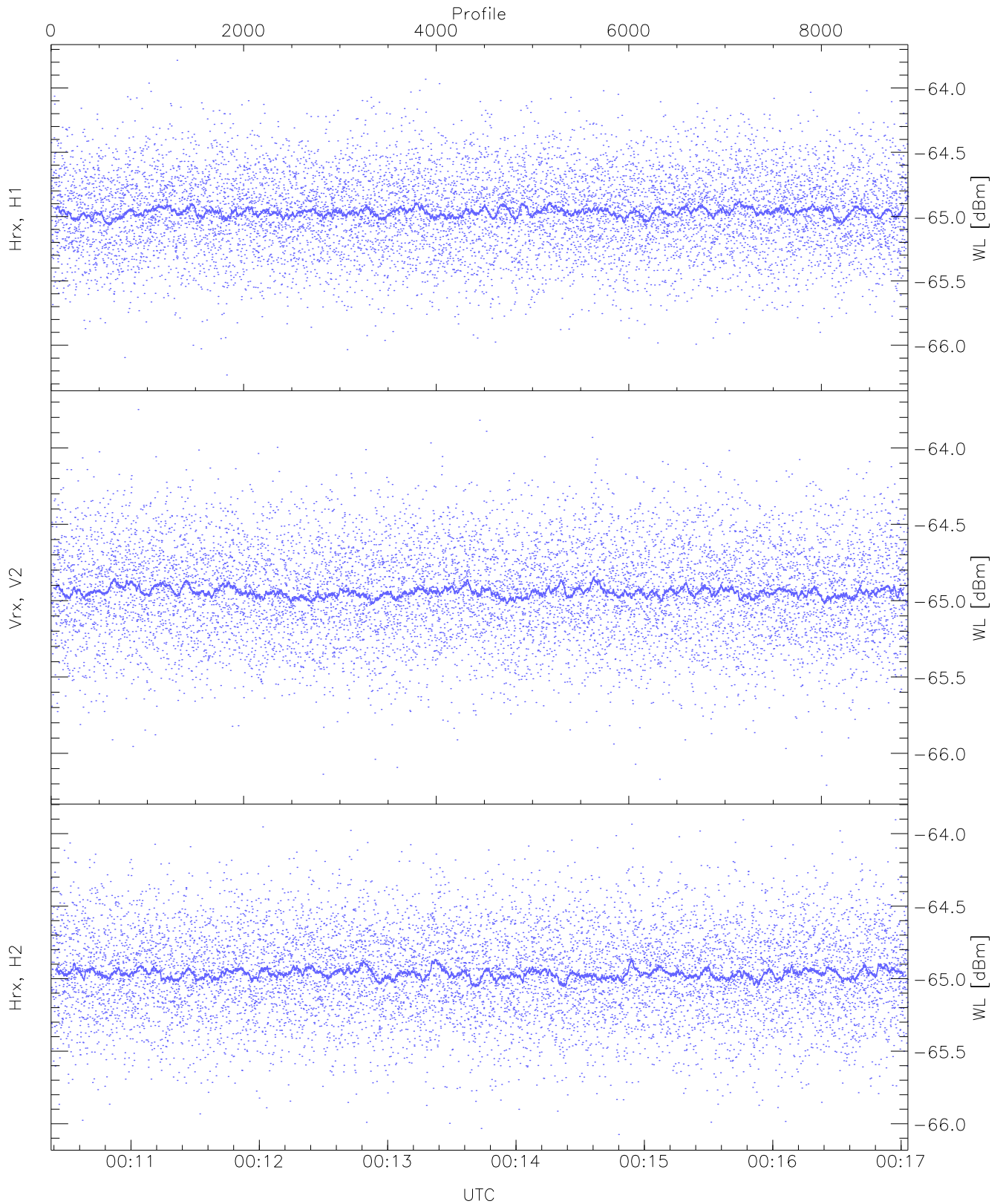
WCR3 CPP Receivers Gain and Noise Figure

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



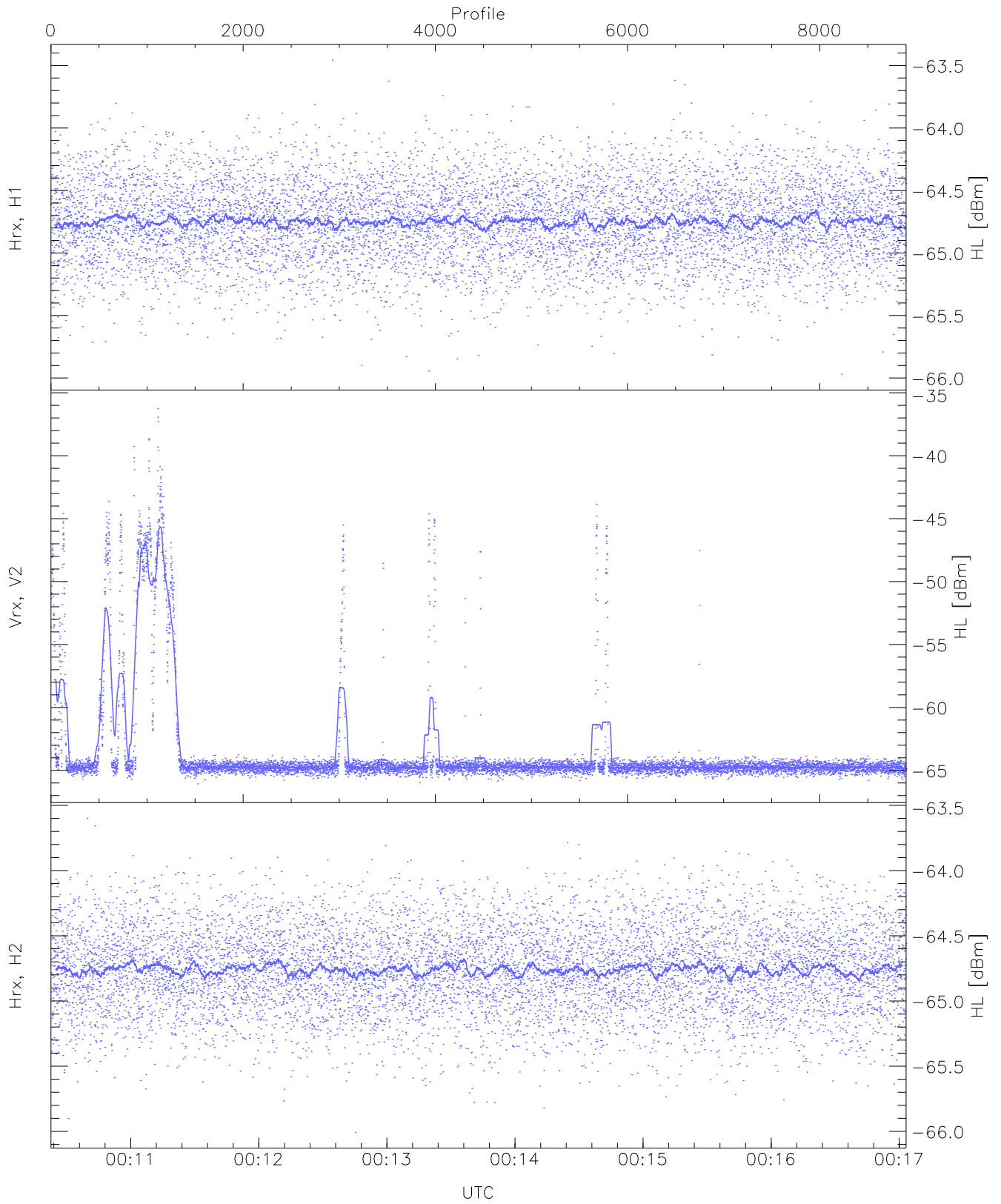
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.52	-65.28	-65.40	-65.40	-86.97
RMPHrxH1 (std_dBm)	-76.12	-74.64	-75.41	-75.42	-89.16
RMPVrxV2 (mean_dBm)	-65.13	-64.87	-64.98	-64.98	-85.67
RMPVrxV2 (std_dBm)	-75.68	-74.32	-74.99	-74.99	-88.74
RMPHrxH2 (mean_dBm)	-65.08	-64.83	-64.95	-64.95	-86.17
RMPHrxH2 (std_dBm)	-75.72	-74.36	-74.97	-74.97	-88.74



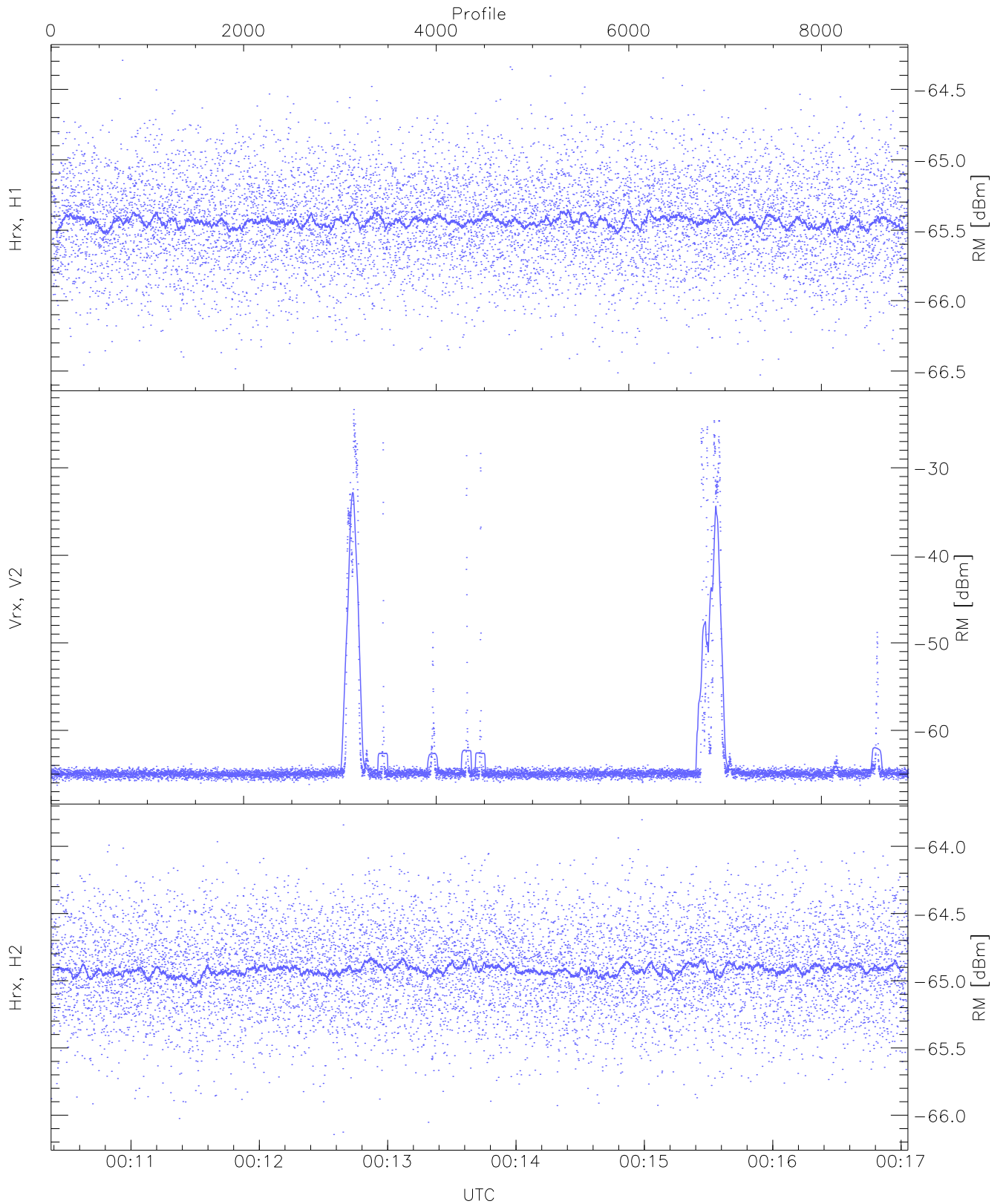
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.23	-63.79	-64.96	-64.96	-76.41
Vrx, V2 (WL [dBm])	-66.21	-63.75	-64.94	-64.94	-76.45
Hrx, H2 (WL [dBm])	-66.07	-63.90	-64.96	-64.96	-76.50



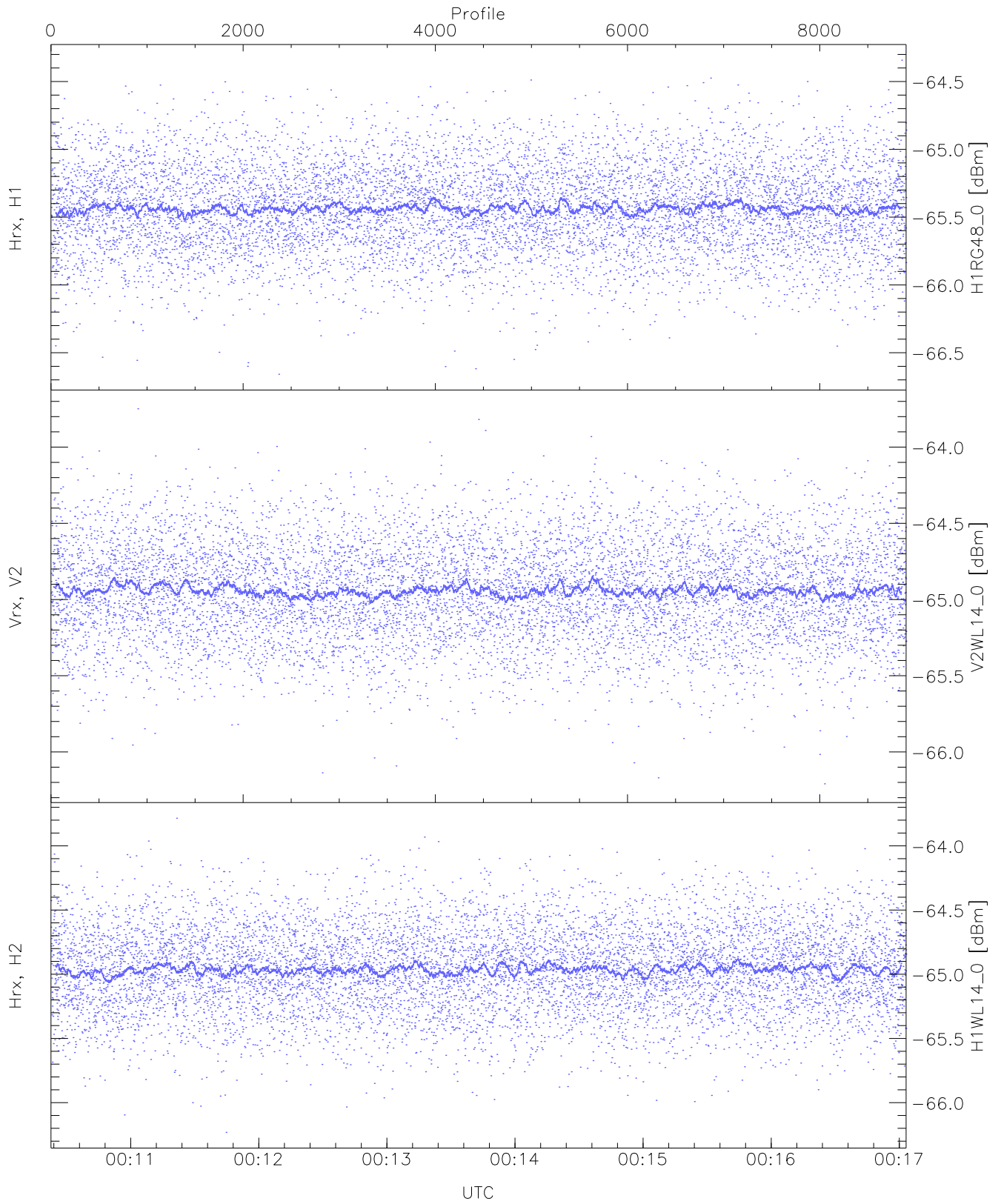
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.97	-63.46	-64.74	-64.75	-76.31
Vrx, V2 (HL [dBm])	-66.07	-36.27	-57.57	-64.71	-51.31
Hrx, H2 (HL [dBm])	-66.01	-63.60	-64.75	-64.76	-76.28



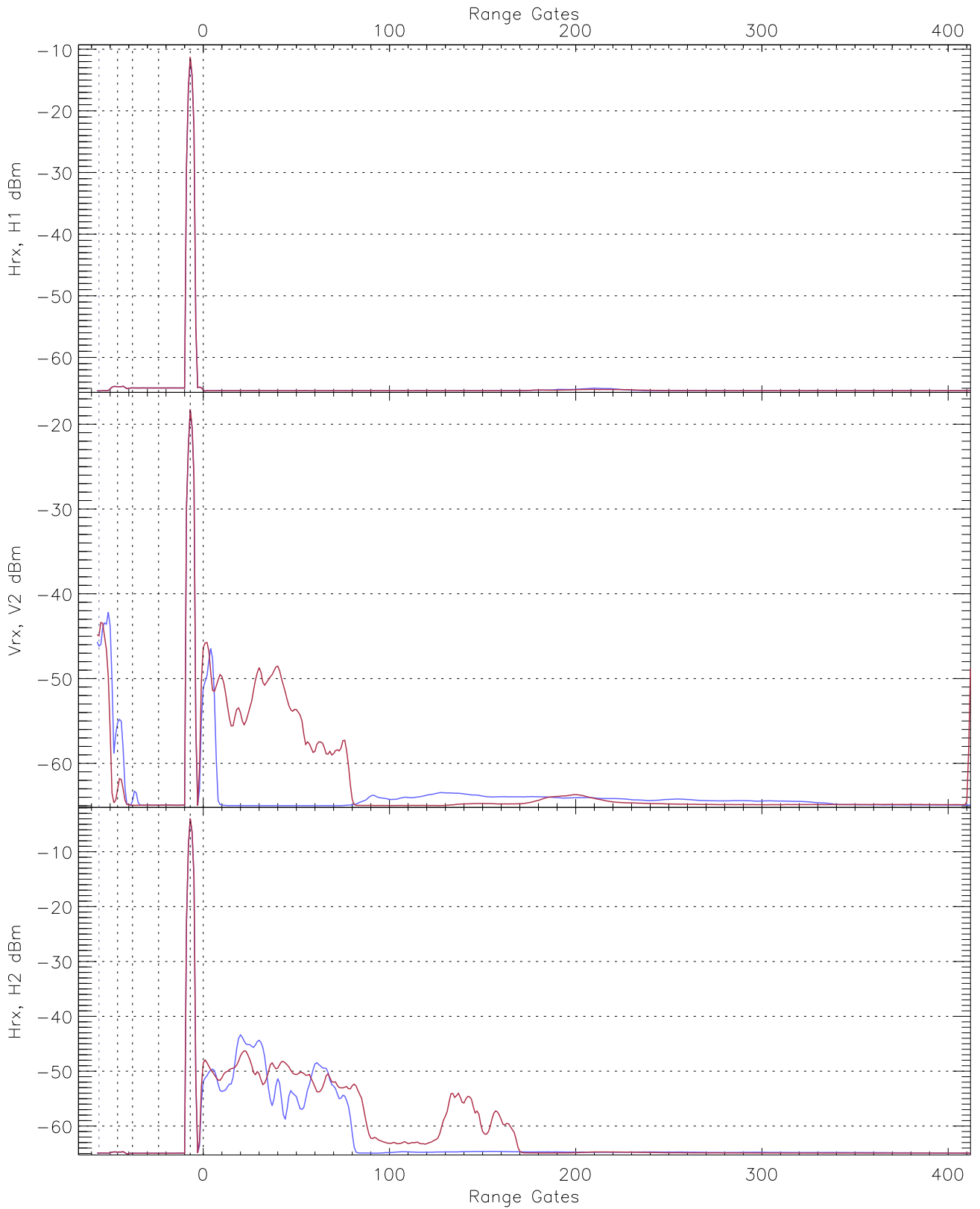
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.53	-64.29	-65.43	-65.44	-76.93
Vrx, V2 (RM [dBm])	-66.27	-23.35	-45.52	-64.91	-36.51
Hrx, H2 (RM [dBm])	-66.14	-63.80	-64.91	-64.92	-76.36

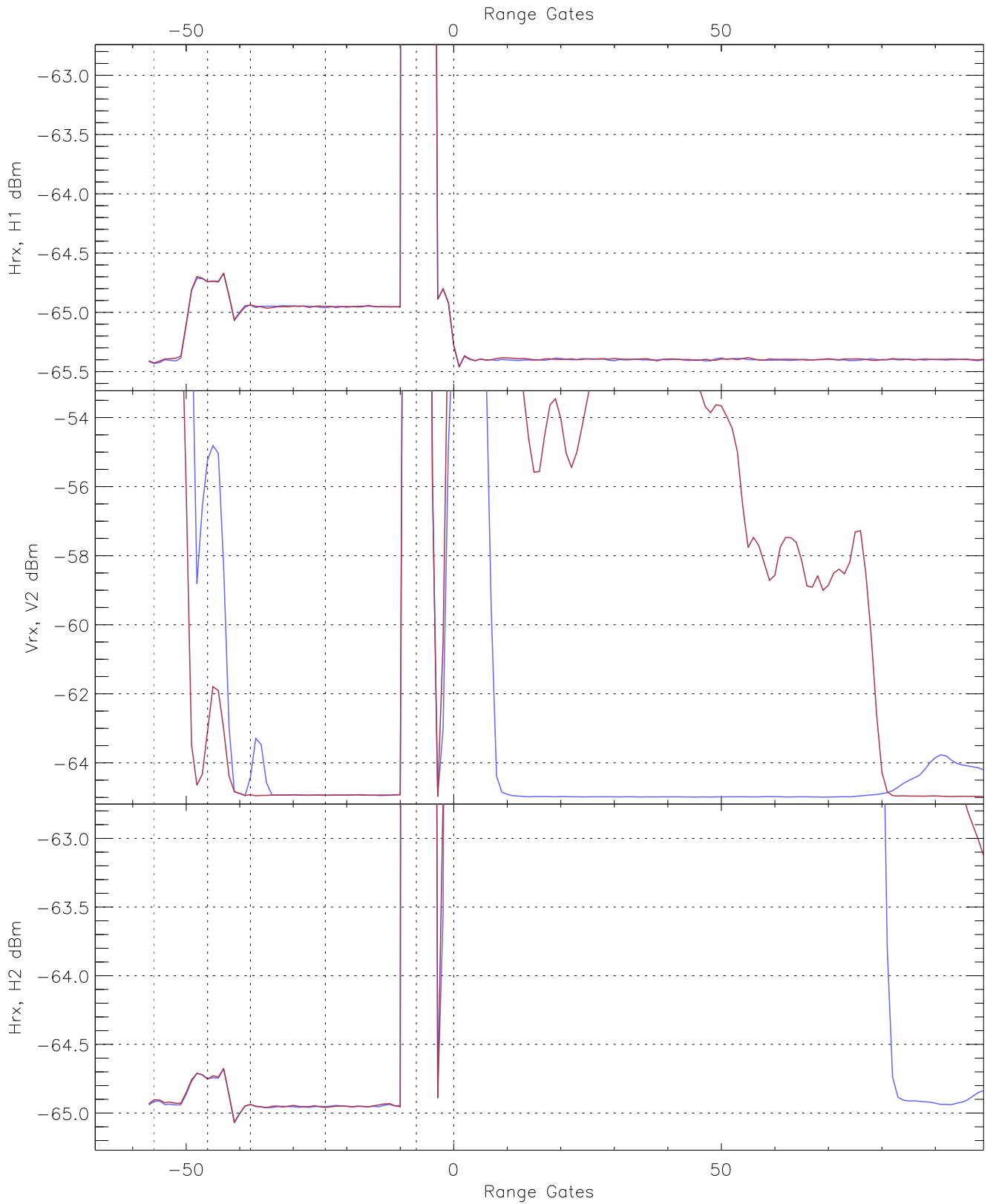


WCR3 CPP "Best" estimate Receivers Noise Power

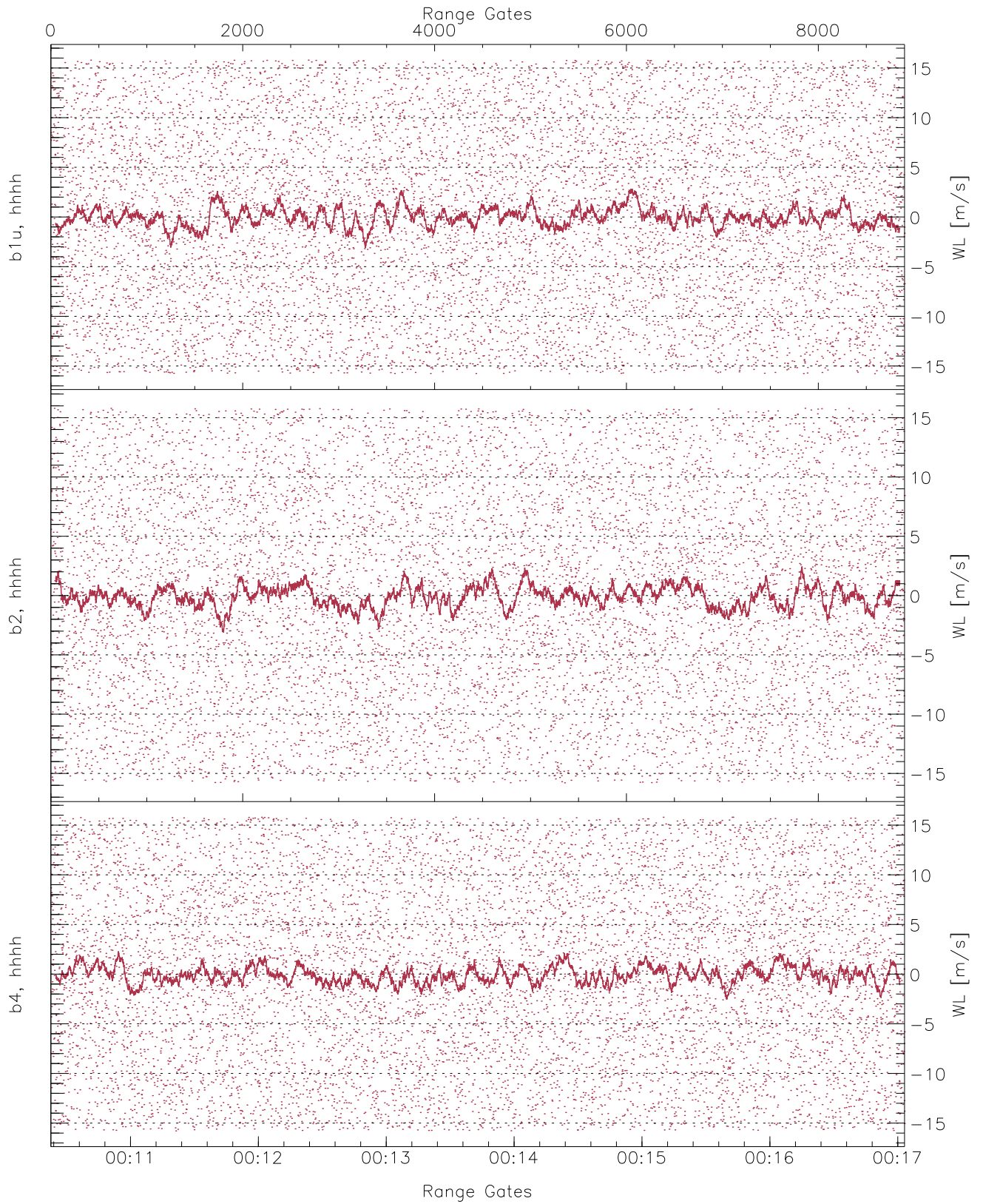
	Min	Max	Mean	Median	StDev
H1RG48_0 [dBm]	-66.66	-64.34	-65.43	-65.44	-76.92
V2WL14_0 [dBm]	-66.21	-63.75	-64.94	-64.94	-76.45
H1WL14_0 [dBm]	-66.23	-63.79	-64.96	-64.96	-76.41



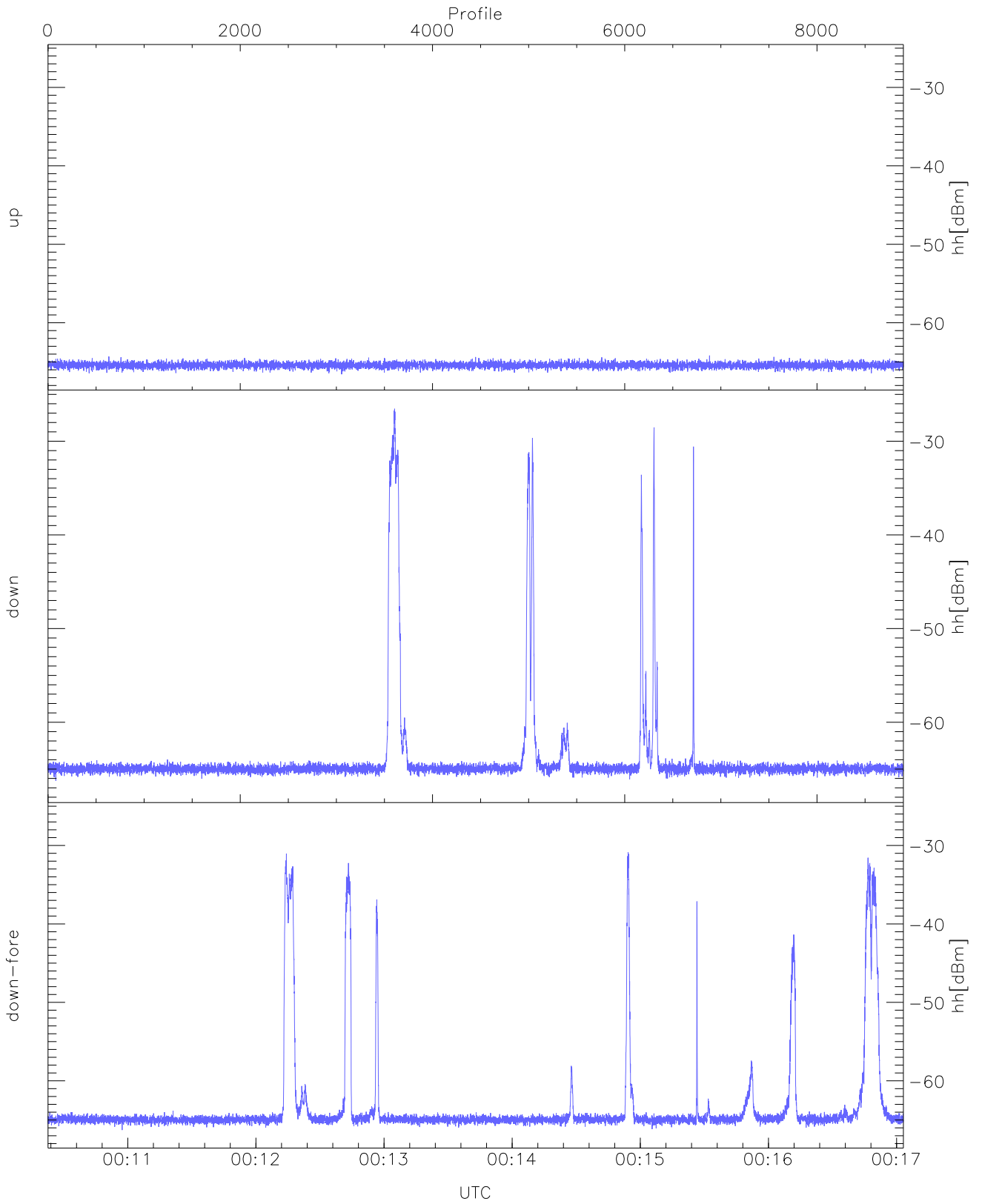
WCR3 CPP Averaged Received power for all recorded gates
blue: 001023-001343, 4451 profiles averaged
red: 001343-001703, 4450 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 001023-001343, 4451 profiles averaged
red: 001343-001703, 4450 profiles averaged

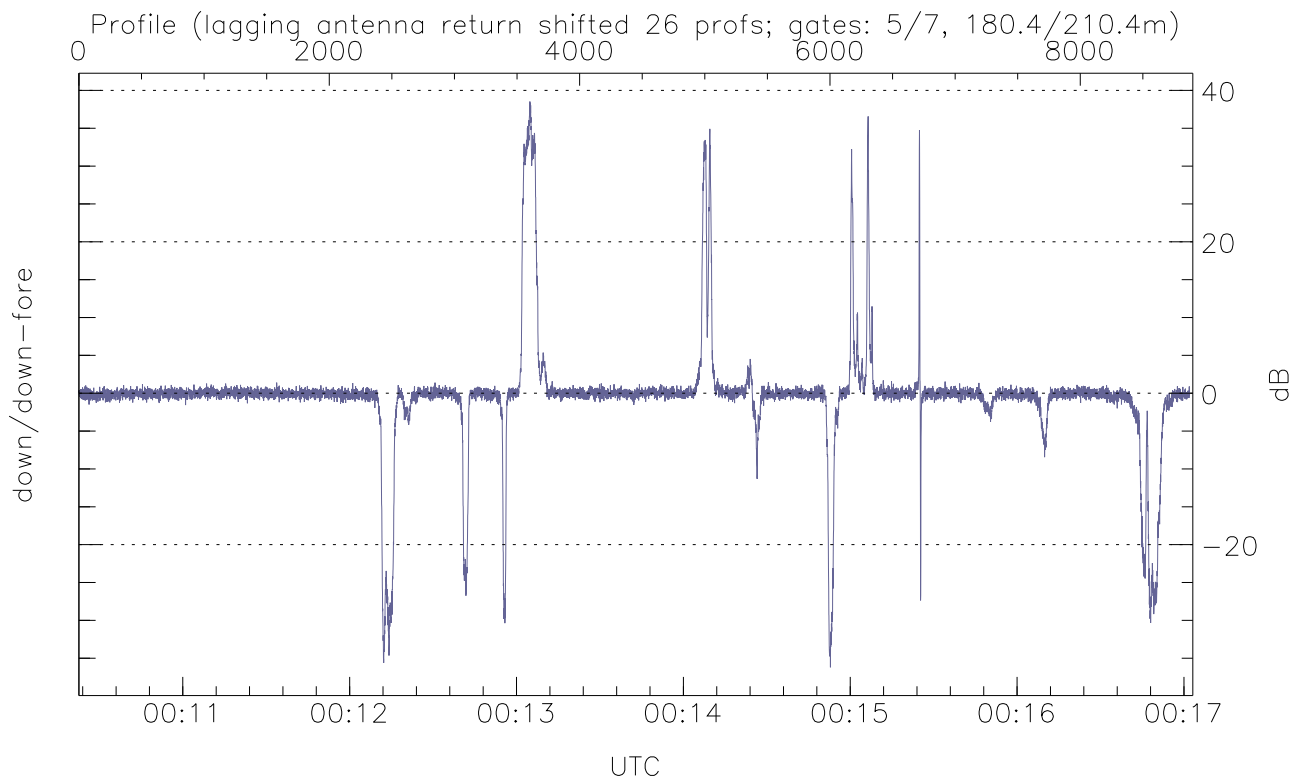
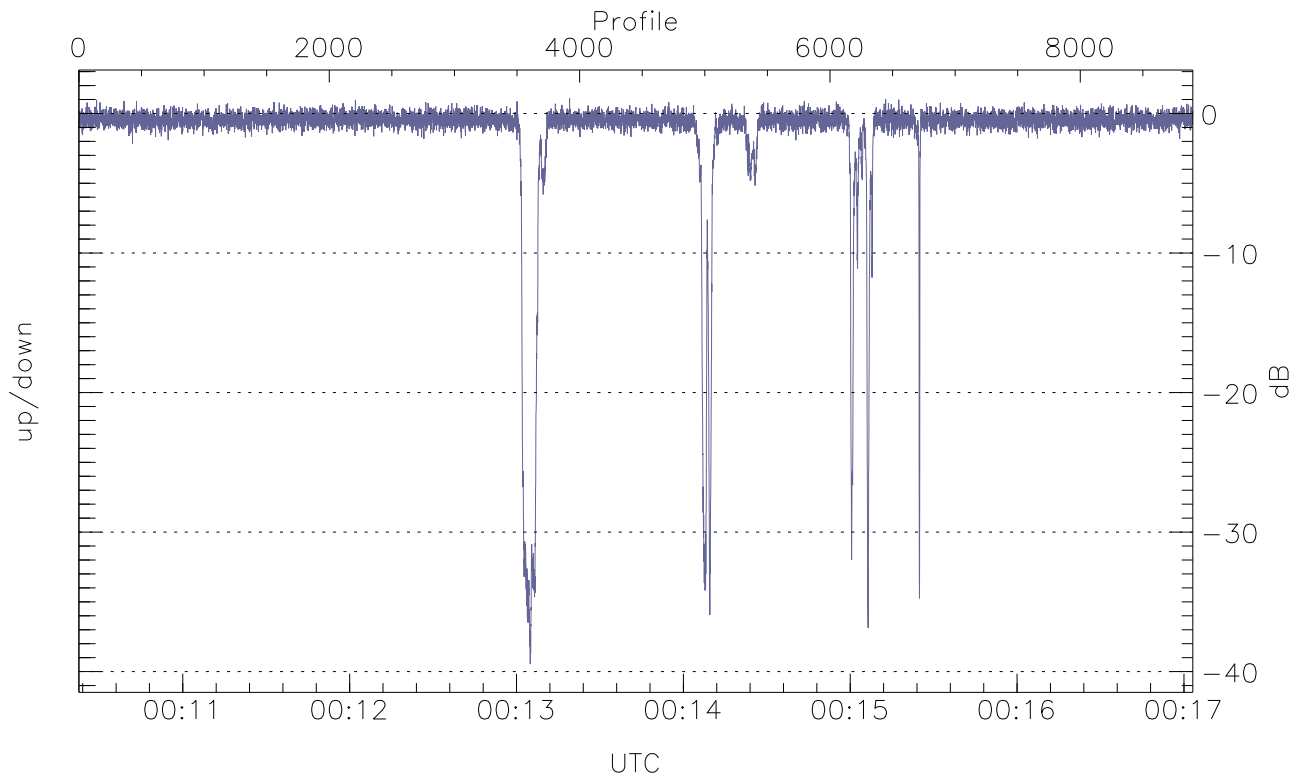


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



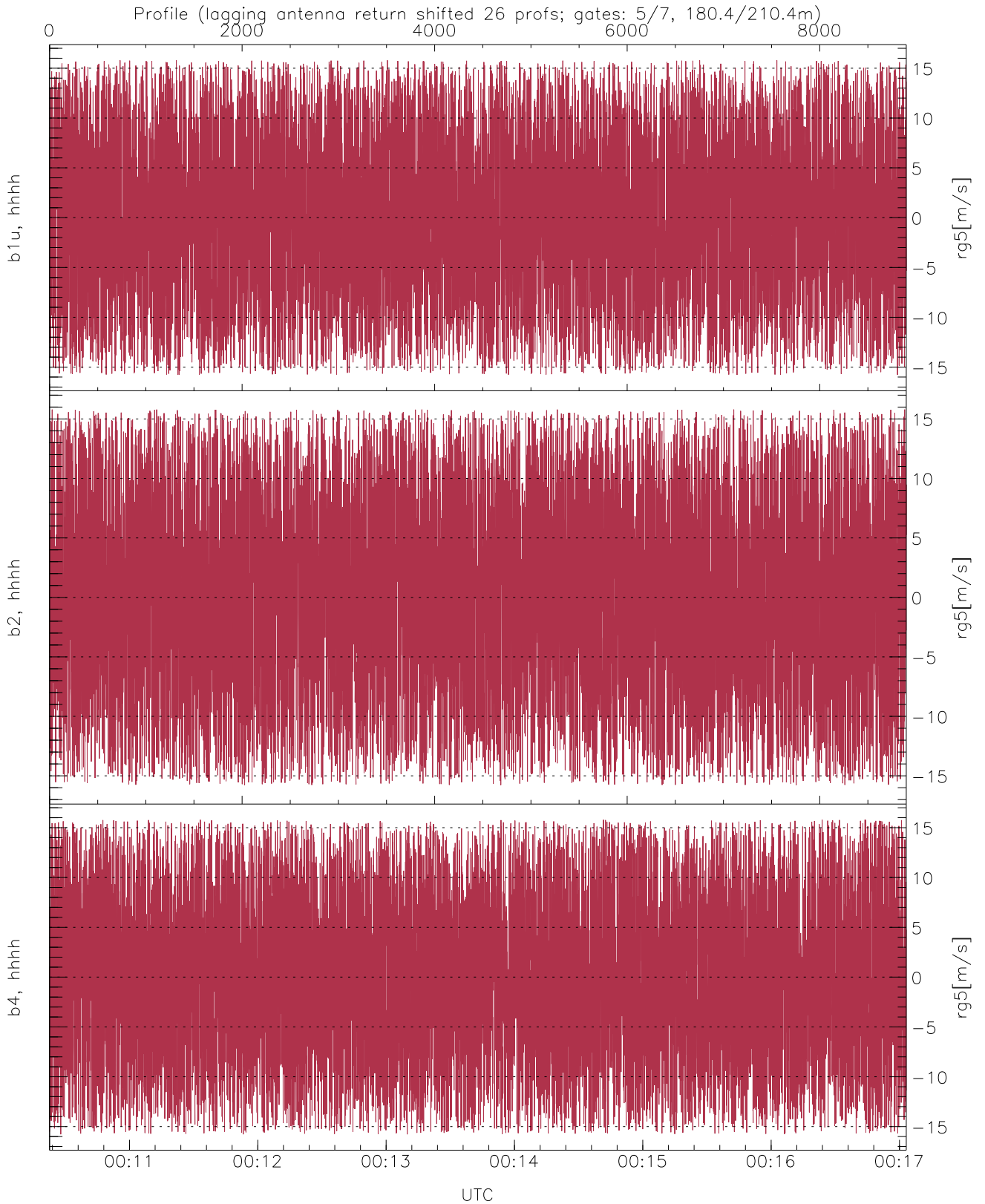
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.57	-64.18	-65.39
down(hh[dBm])	-66.24	-26.53	-49.11
down-fore(hh[dBm])	-66.27	-30.87	-49.89



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

	Min	Max	Mean
up/down (dB)	-39.46	1.09	-1.39
down/down-fore (dB)	-36.20	38.53	-0.39



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	8.35
b2, hhhh(rg5[m/s])	-15.78	15.79	0.08	8.61
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.08	8.64