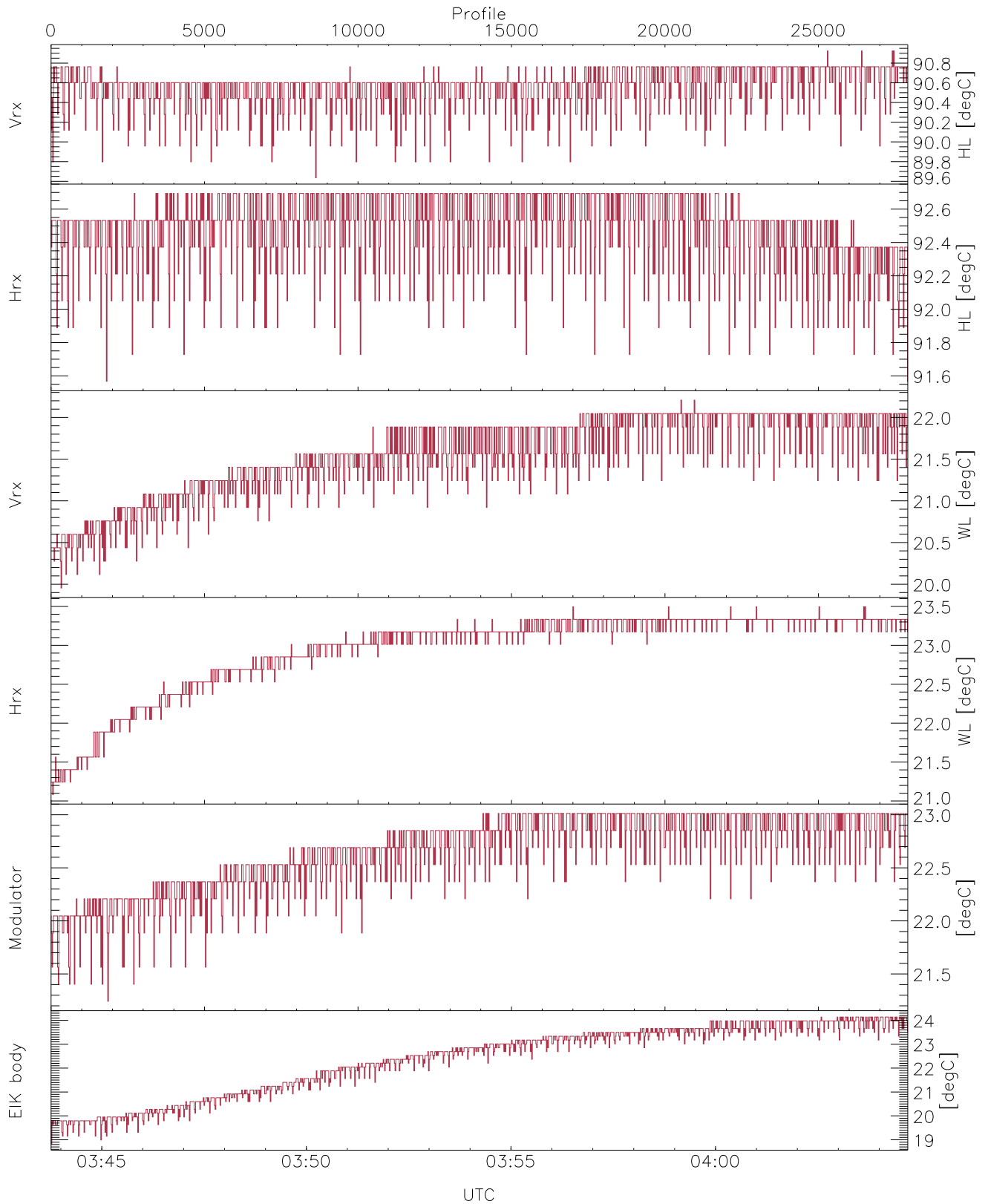


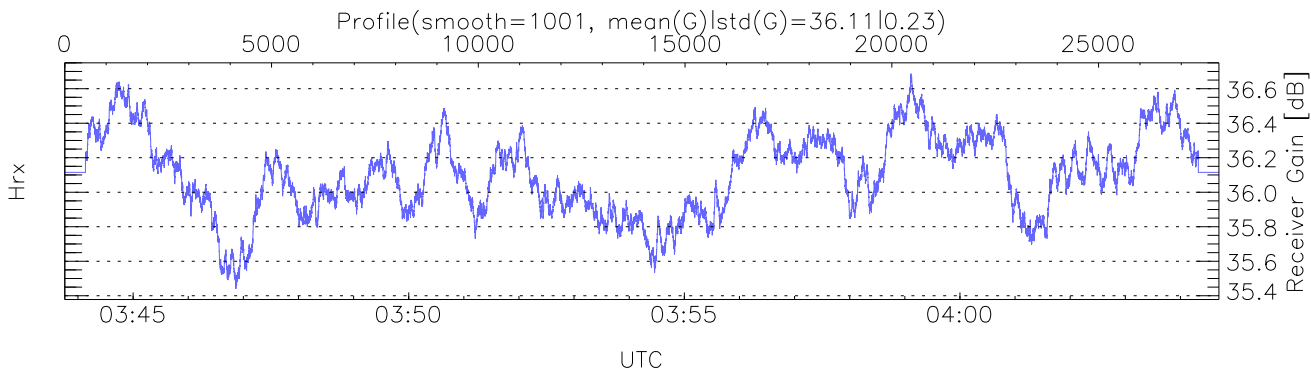
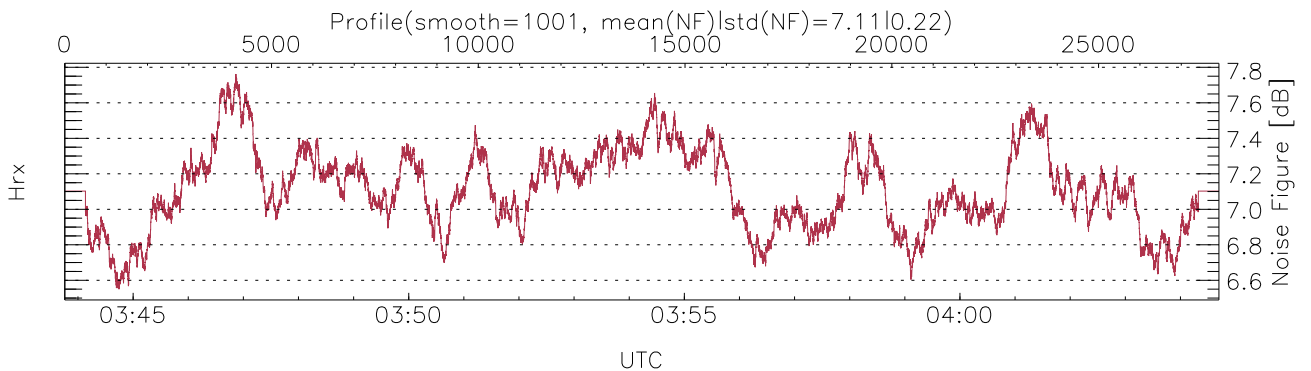
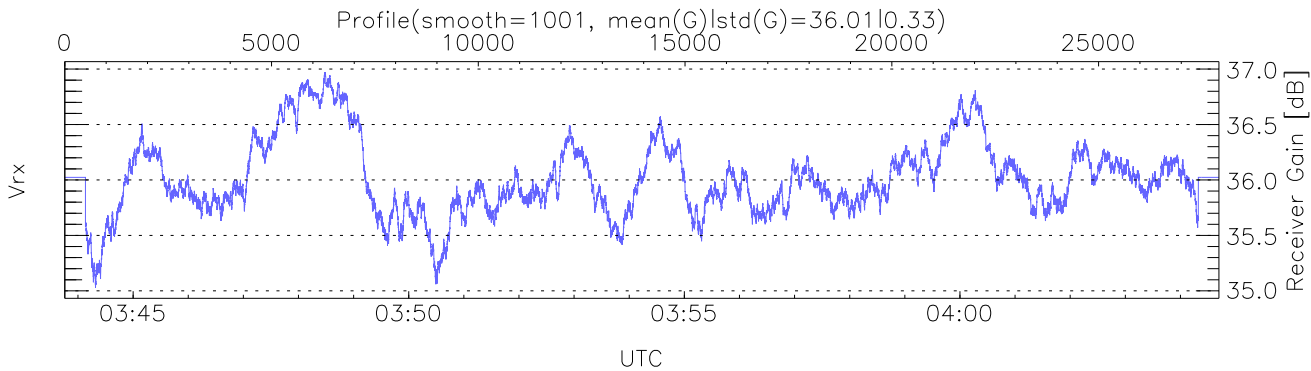
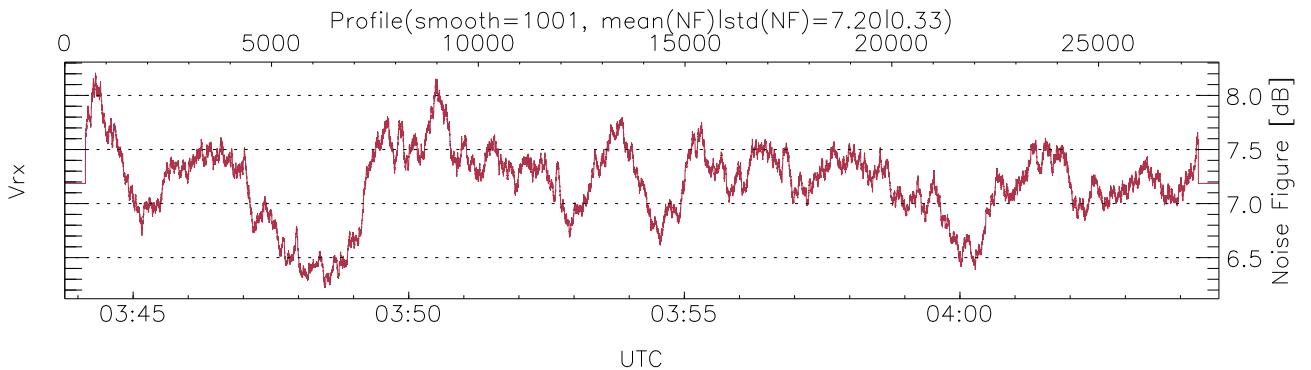
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:43:46-04:04:42, TimeCor: 0.00s, Dur: 1256.31s
 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): 27912/27912, 0-27911/03:43:46-04:04:42
 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



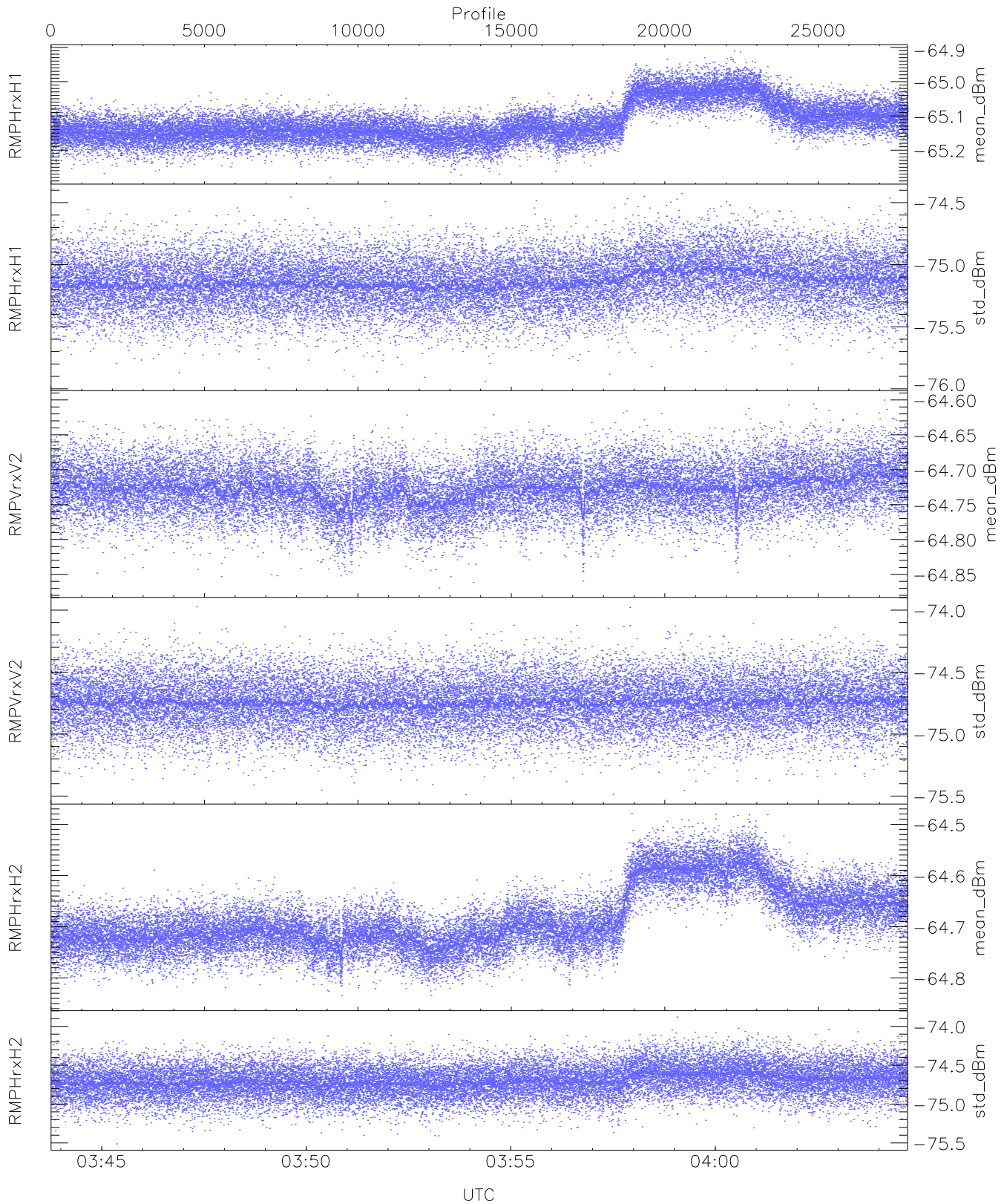
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,19,21,21,18`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,23,23,24`
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`
`EIK/Modulator Faults: None`



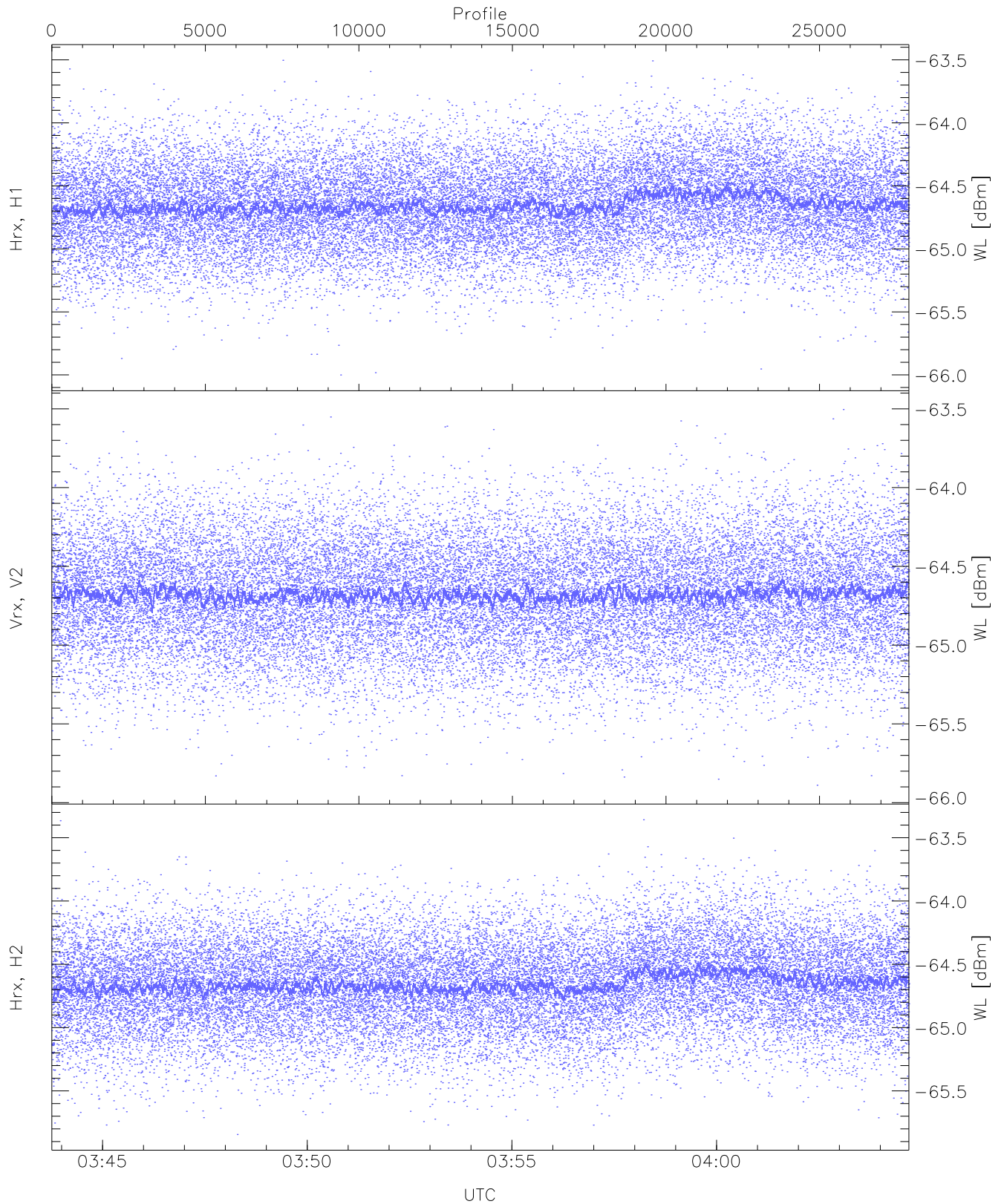
WCR3 CPP Receivers Gain and Noise Figure

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



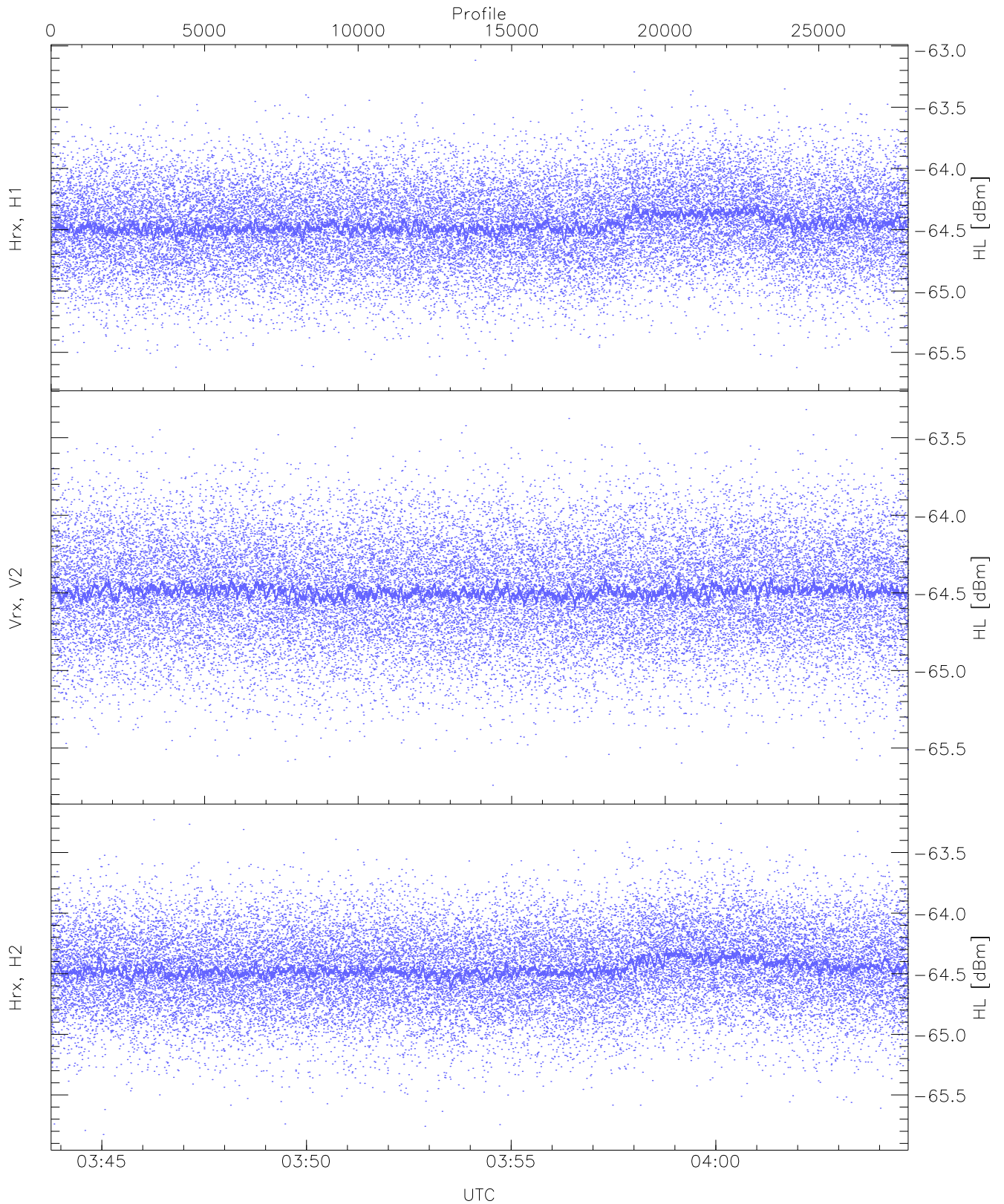
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.28	-64.91	-65.12	-65.13	-84.12
RMPHrxH1(std_dBm)	-75.94	-74.43	-75.13	-75.13	-88.80
RMPVrxV2(mean_dBm)	-64.87	-64.60	-64.73	-64.73	-85.97
RMPVrxV2(std_dBm)	-75.49	-73.97	-74.74	-74.75	-88.51
RMPHrxH2(mean_dBm)	-64.85	-64.48	-64.68	-64.70	-83.29
RMPHrxH2(std_dBm)	-75.51	-73.88	-74.70	-74.70	-88.35



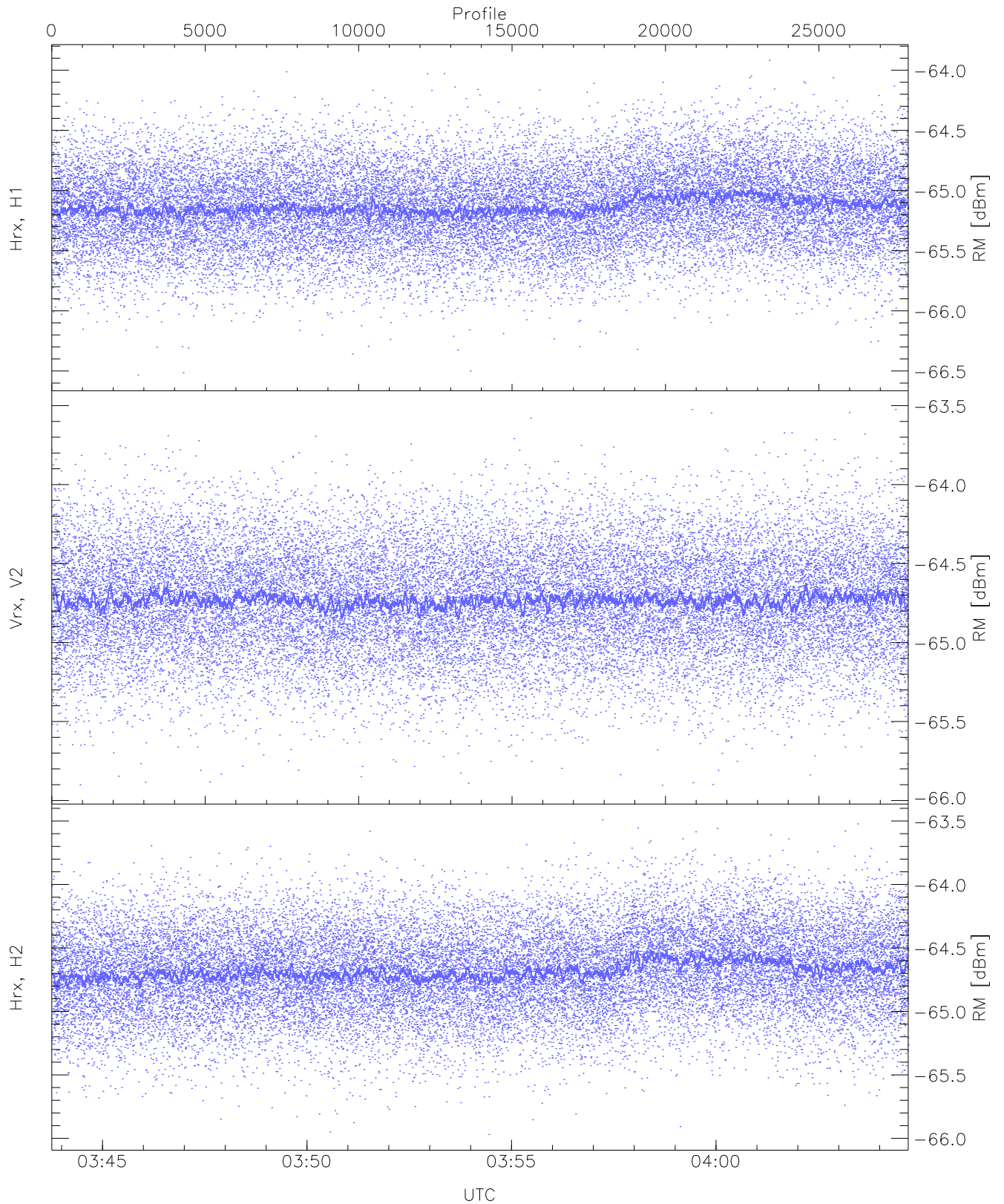
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.00	-63.50	-64.65	-64.65	-76.14
Vrx, V2 (WL [dBm])	-65.89	-63.50	-64.67	-64.68	-76.17
Hrx, H2 (WL [dBm])	-65.84	-63.36	-64.65	-64.65	-76.11



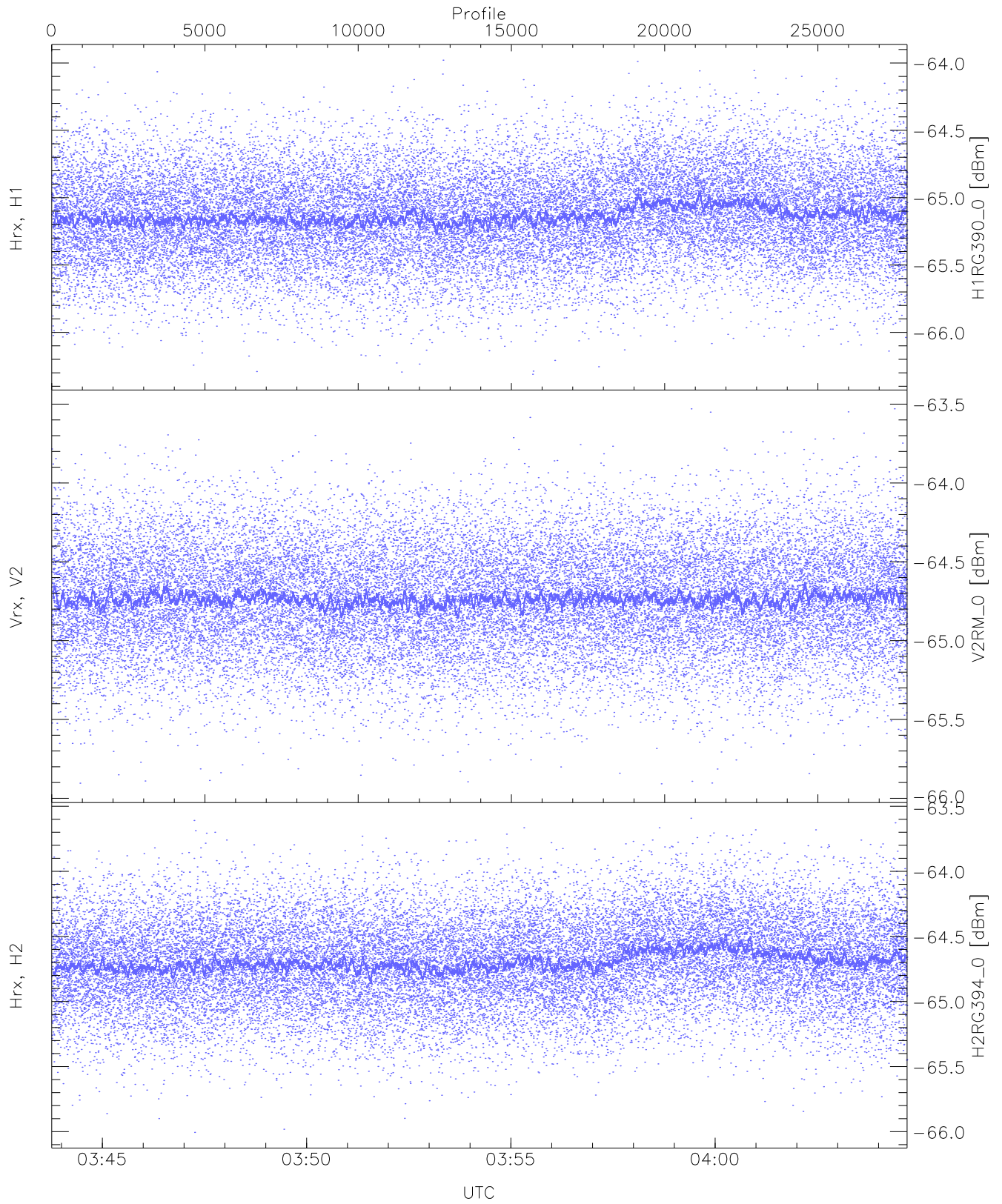
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.68	-63.12	-64.45	-64.46	-75.88
Vrx, V2 (HL [dBm])	-65.74	-63.32	-64.48	-64.49	-75.98
Hrx, H2 (HL [dBm])	-65.83	-63.23	-64.45	-64.46	-75.90



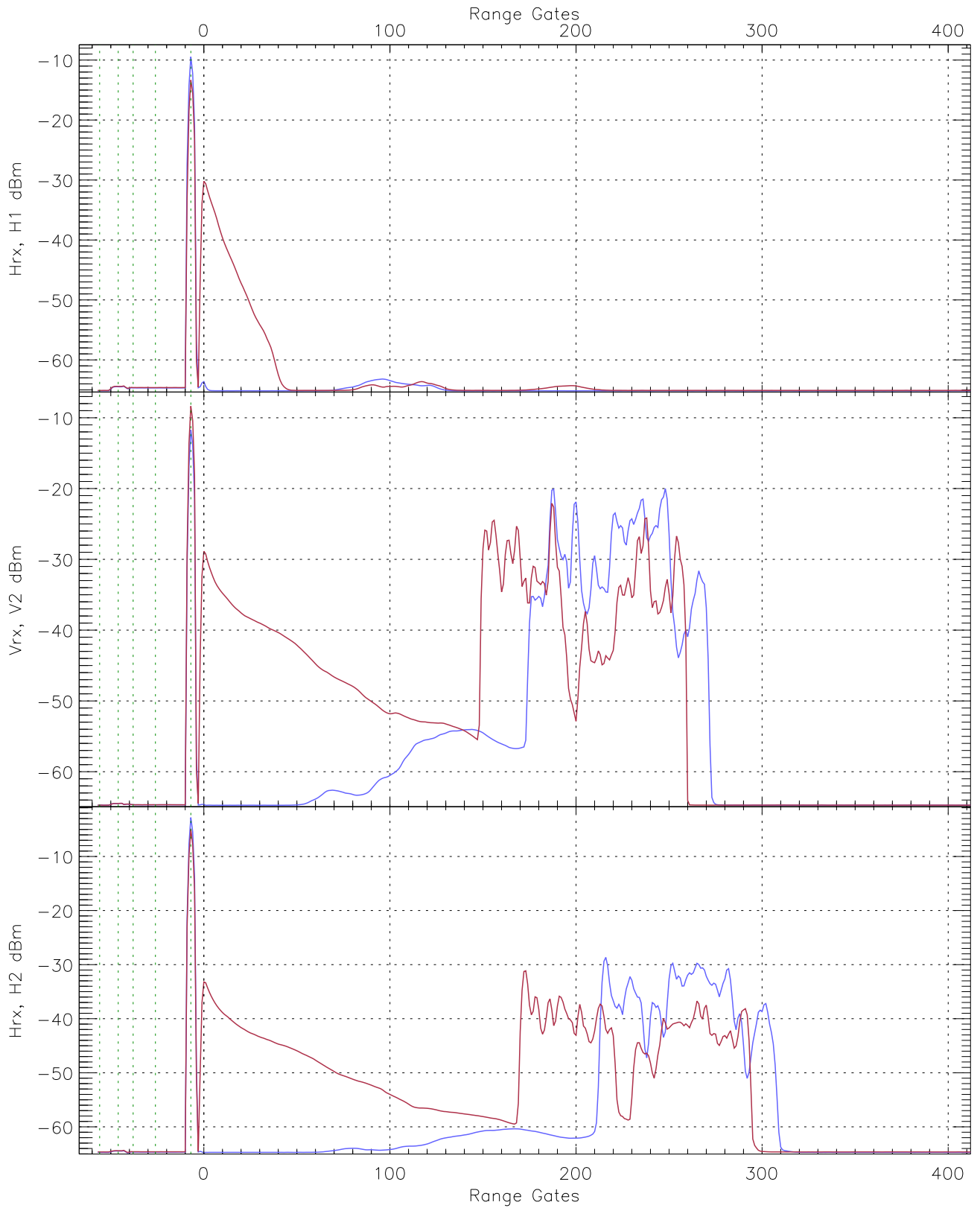
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.53	-63.92	-65.13	-65.14	-76.59
Vrx, V2 (RM [dBm])	-65.90	-63.52	-64.73	-64.73	-76.21
Hrx, H2 (RM [dBm])	-65.97	-63.49	-64.67	-64.68	-76.13

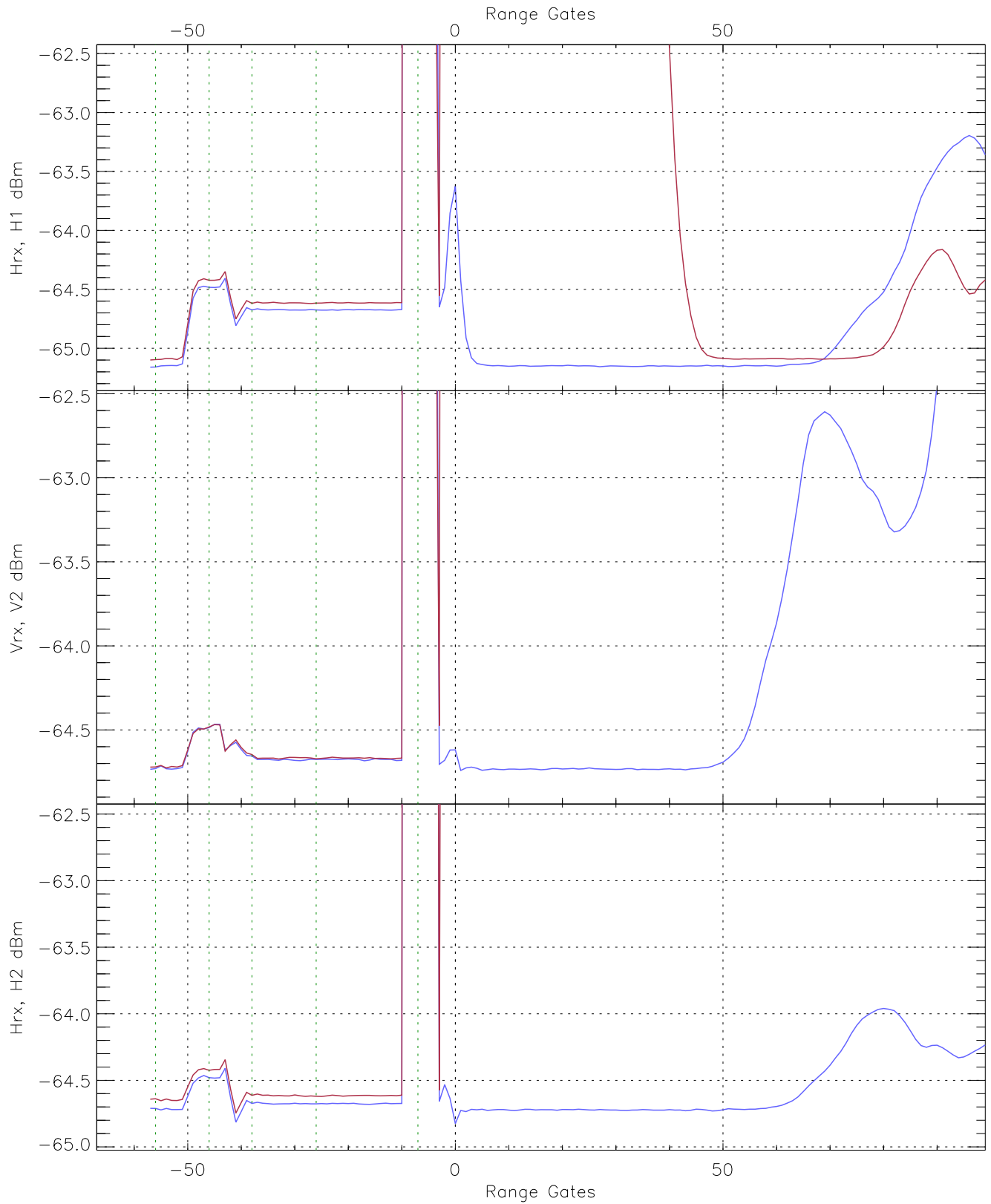


WCR3 CPP "Best" estimate Receivers Noise Power

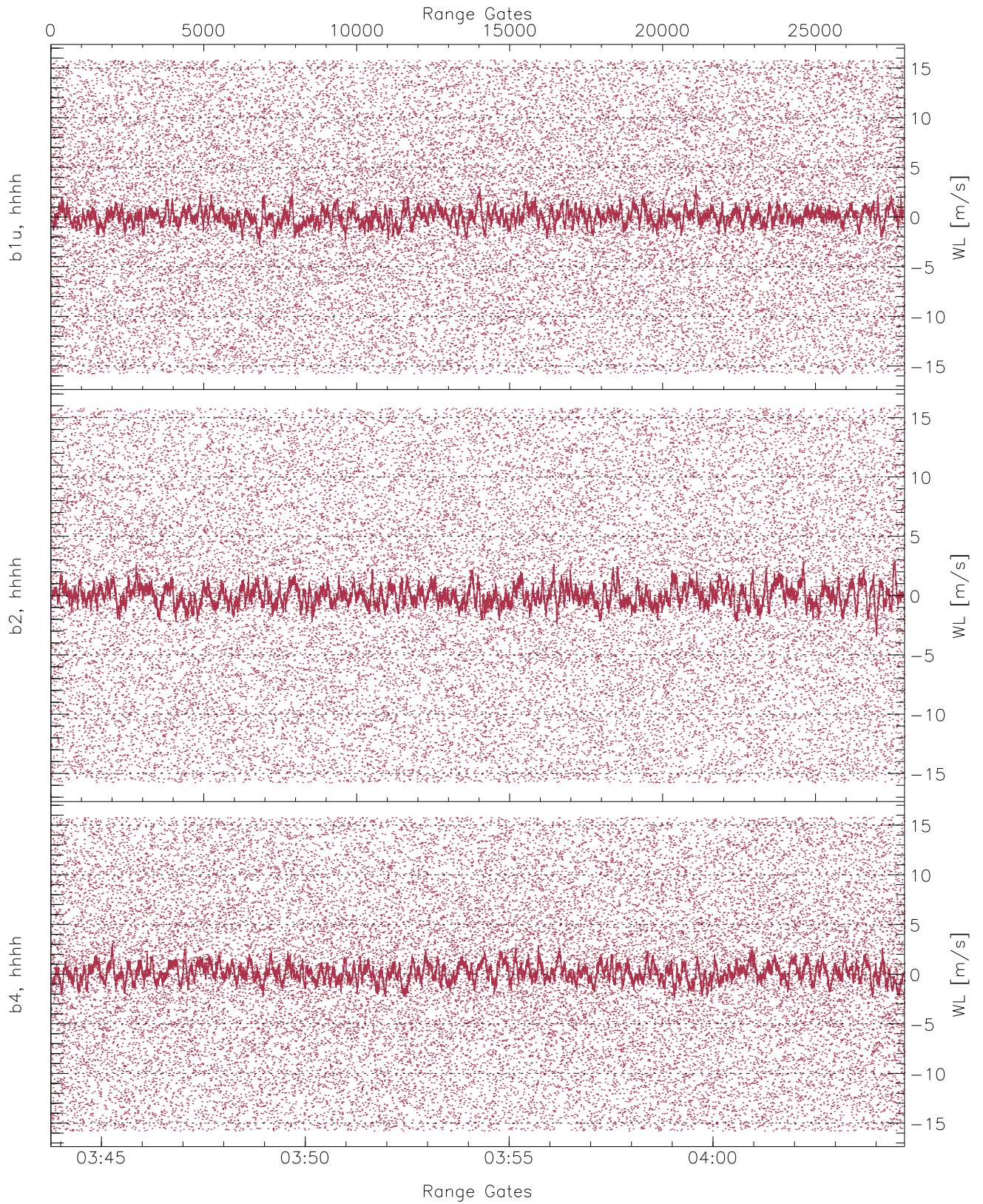
	Min	Max	Mean	Median	StDev
H1RG390_0 [dBm]	-66.31	-63.98	-65.13	-65.14	-76.58
V2RM_0 [dBm]	-65.91	-63.53	-64.73	-64.74	-76.22
H2RG394_0 [dBm]	-66.01	-63.59	-64.69	-64.69	-76.12



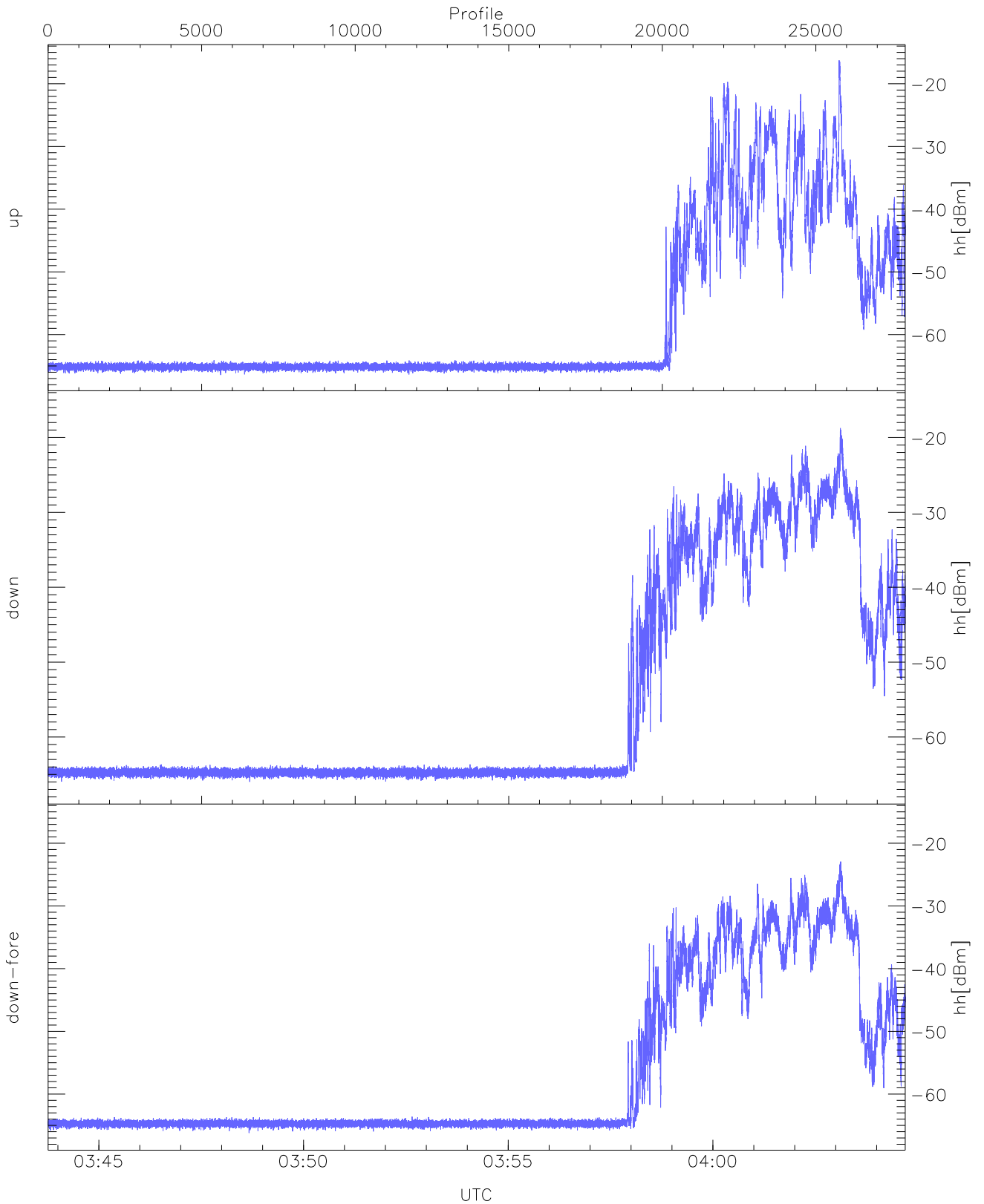
WCR3 CPP Averaged Received power for all recorded gates
blue: 034346-035414, 13957 profiles averaged
red: 035414-040442, 13956 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 034346-035414, 13957 profiles averaged
red: 035414-040442, 13956 profiles averaged

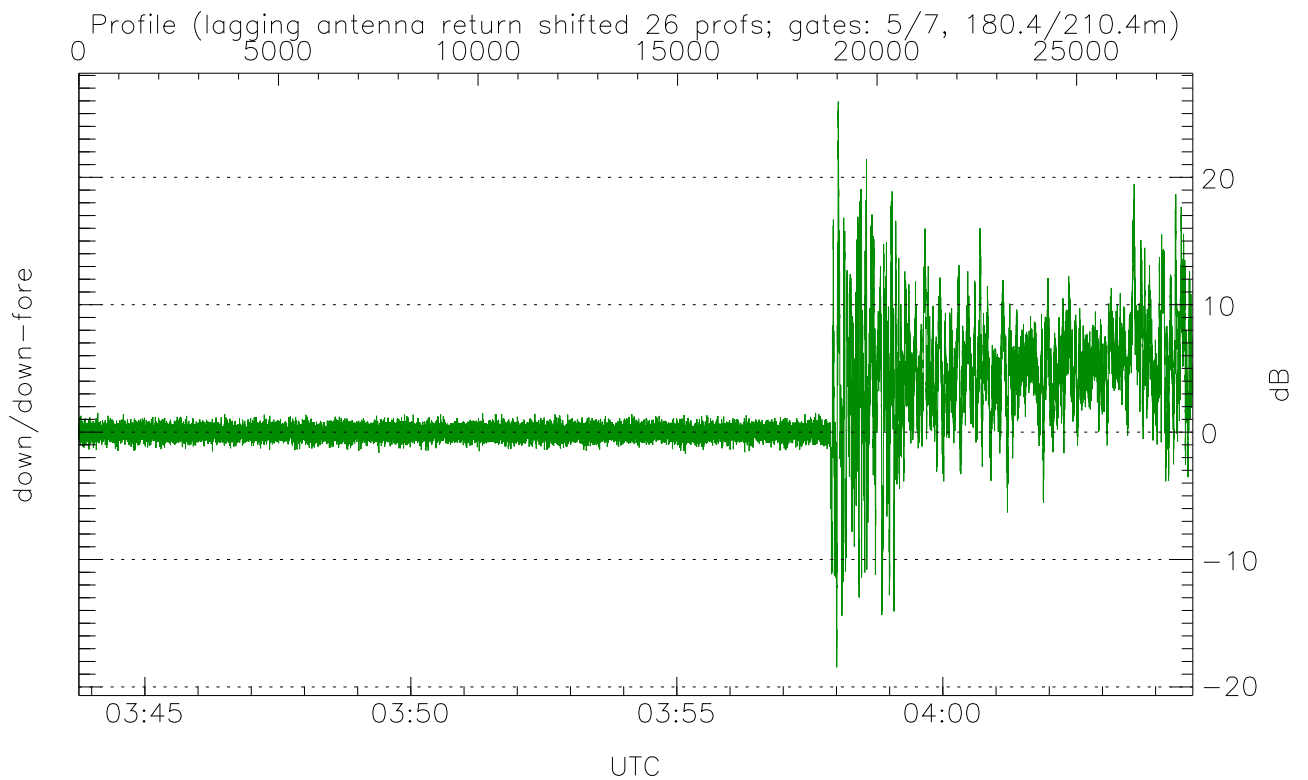
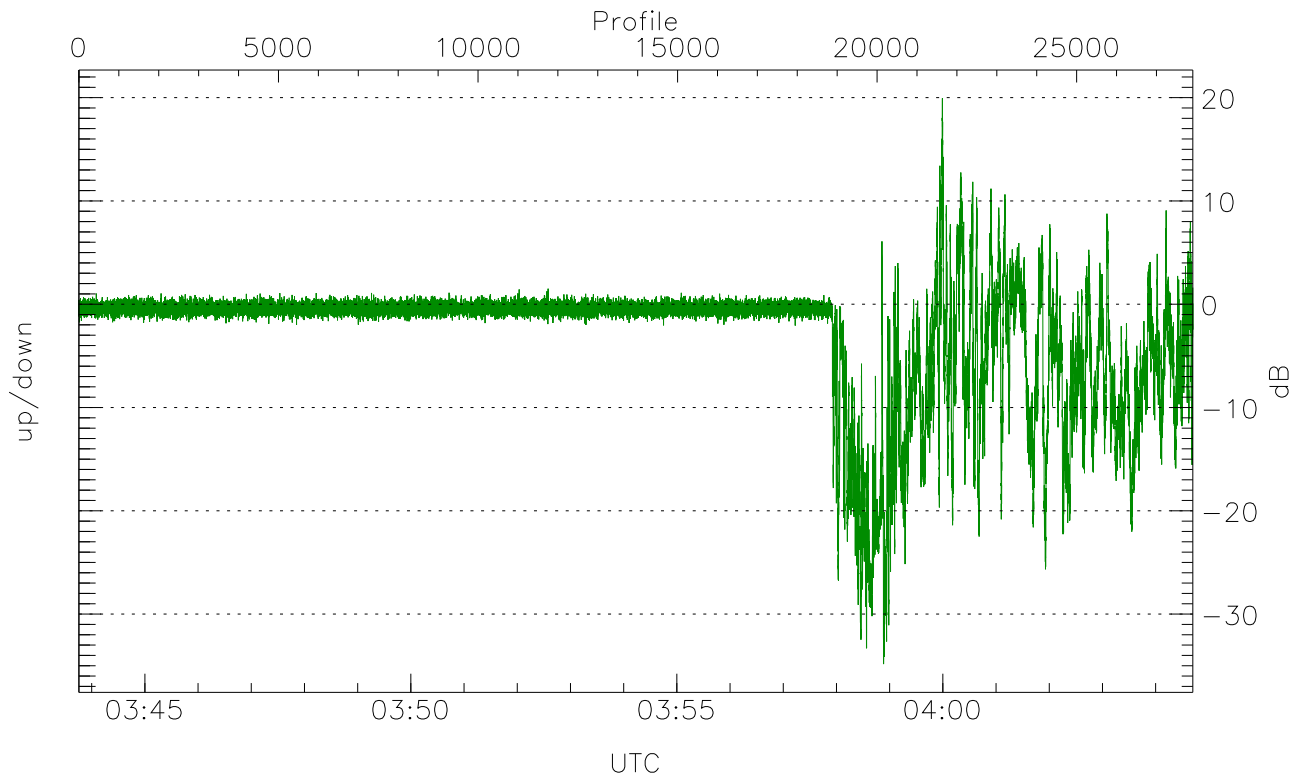


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



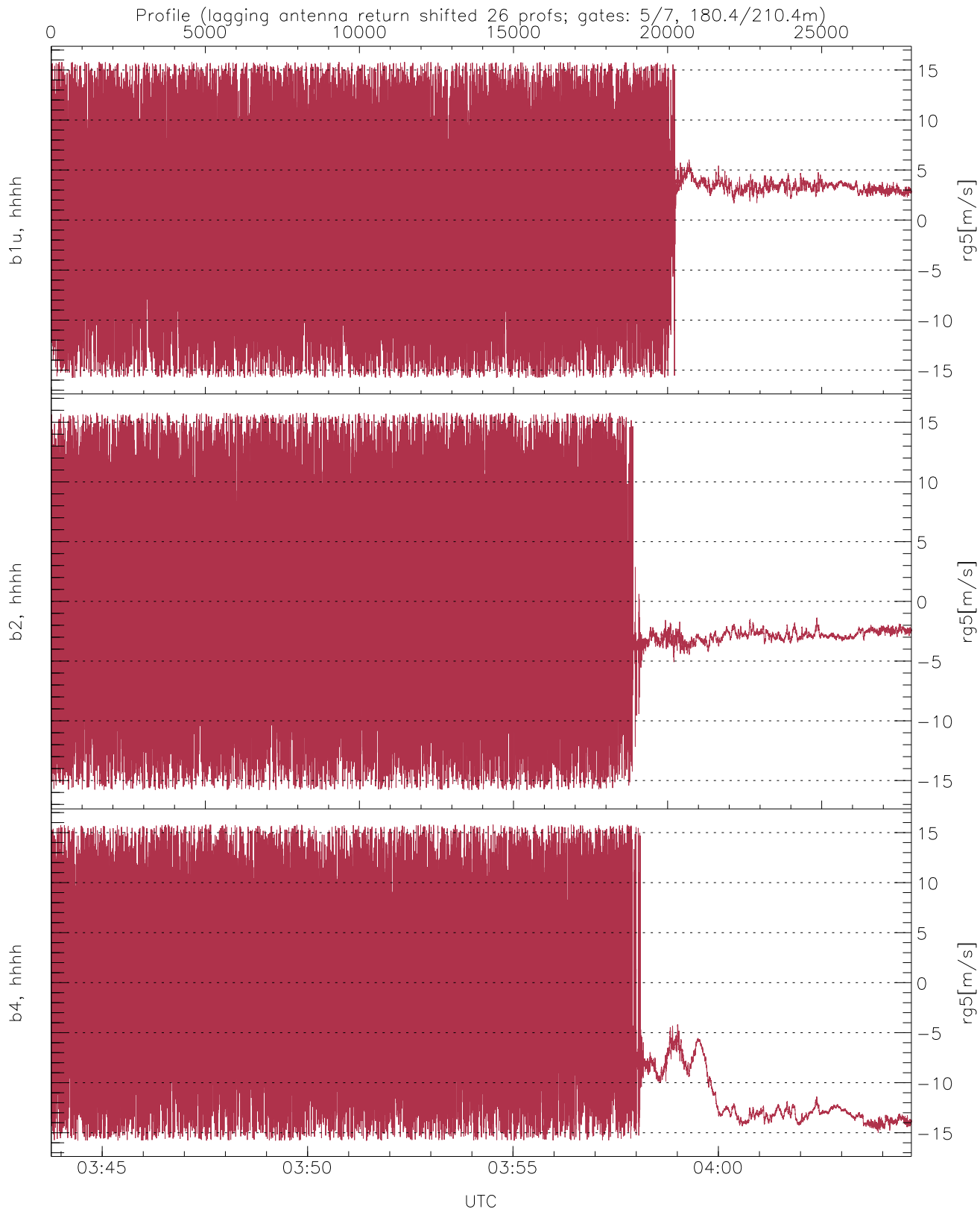
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.44	-16.26	-37.61
down(hh[dBm])	-65.99	-18.75	-35.56
down-fore(hh[dBm])	-66.21	-22.92	-39.50



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

	Min	Max	Mean
up/down (dB)	-34.84	19.94	-2.76
down/down-fore (dB)	-18.46	25.95	1.55



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.92	7.40
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.84	7.32
b4, hhhh(rg5[m/s])	-15.79	15.79	-3.80	8.99