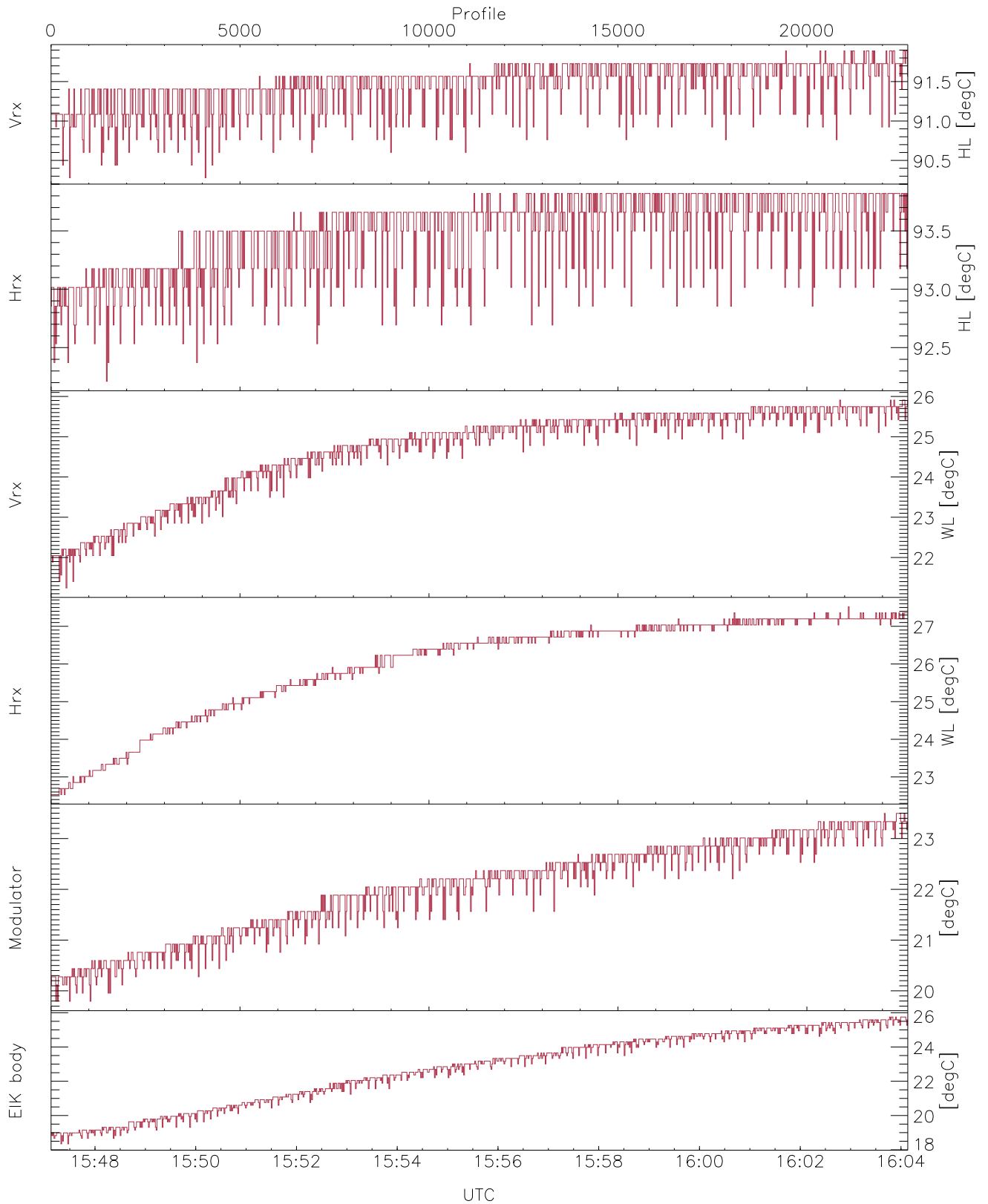


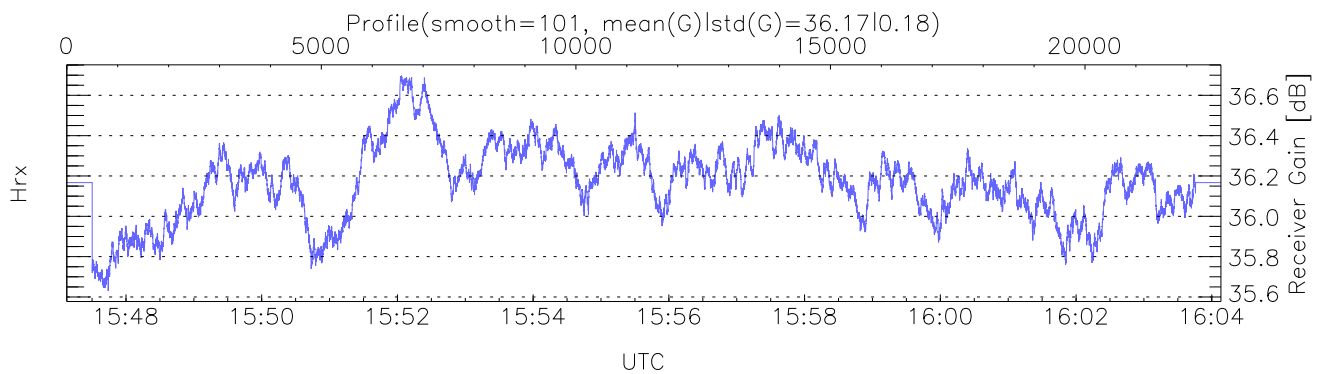
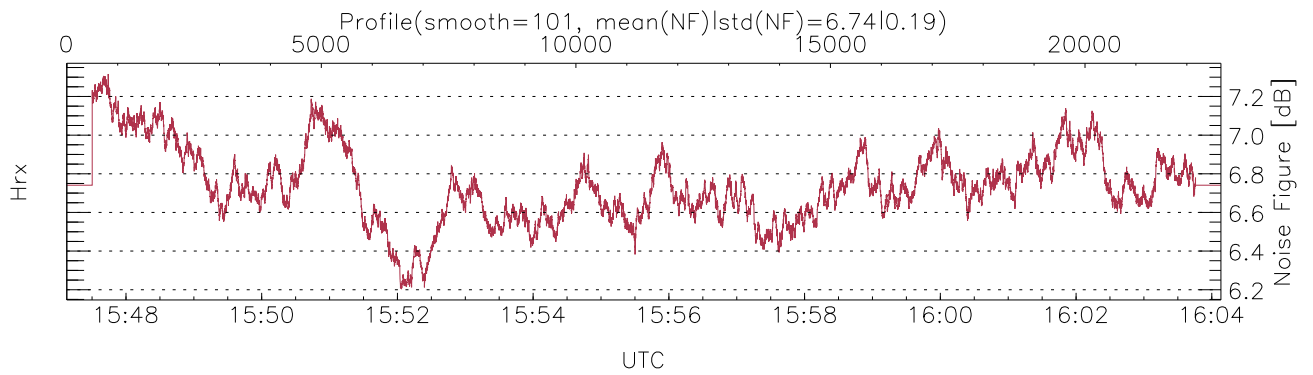
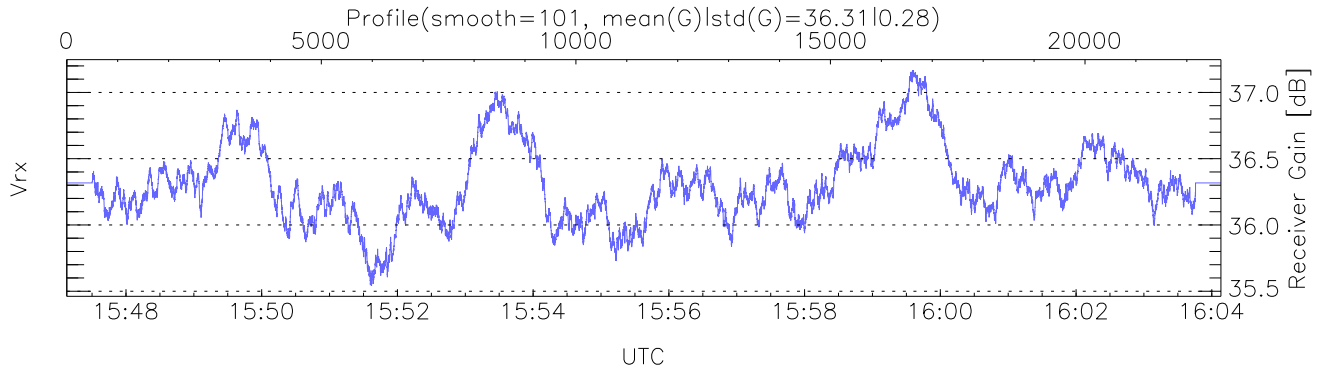
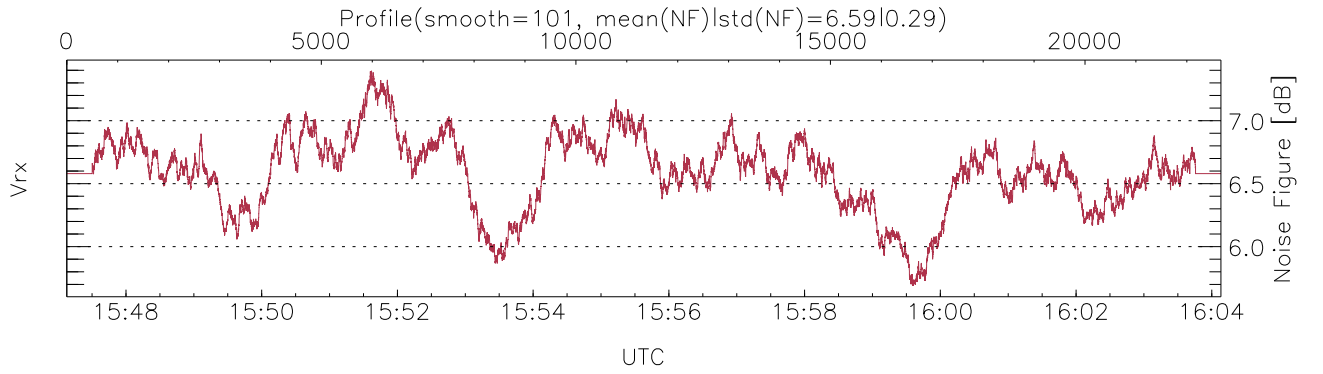
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:47:08-16:04:08, 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, 0-22671/15:47:08-16:04:08
 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



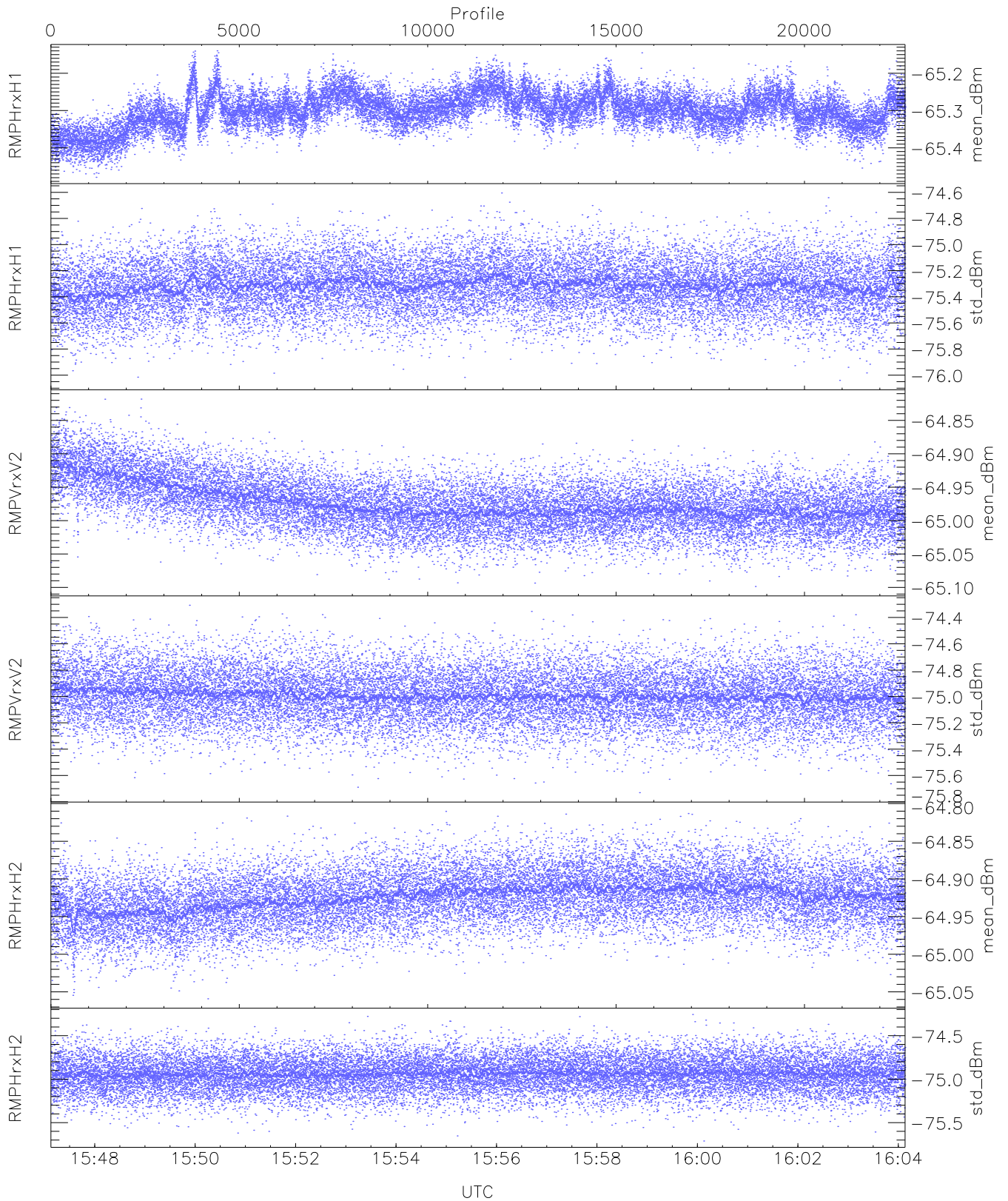
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,21,22,19,18`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,27,23,25`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



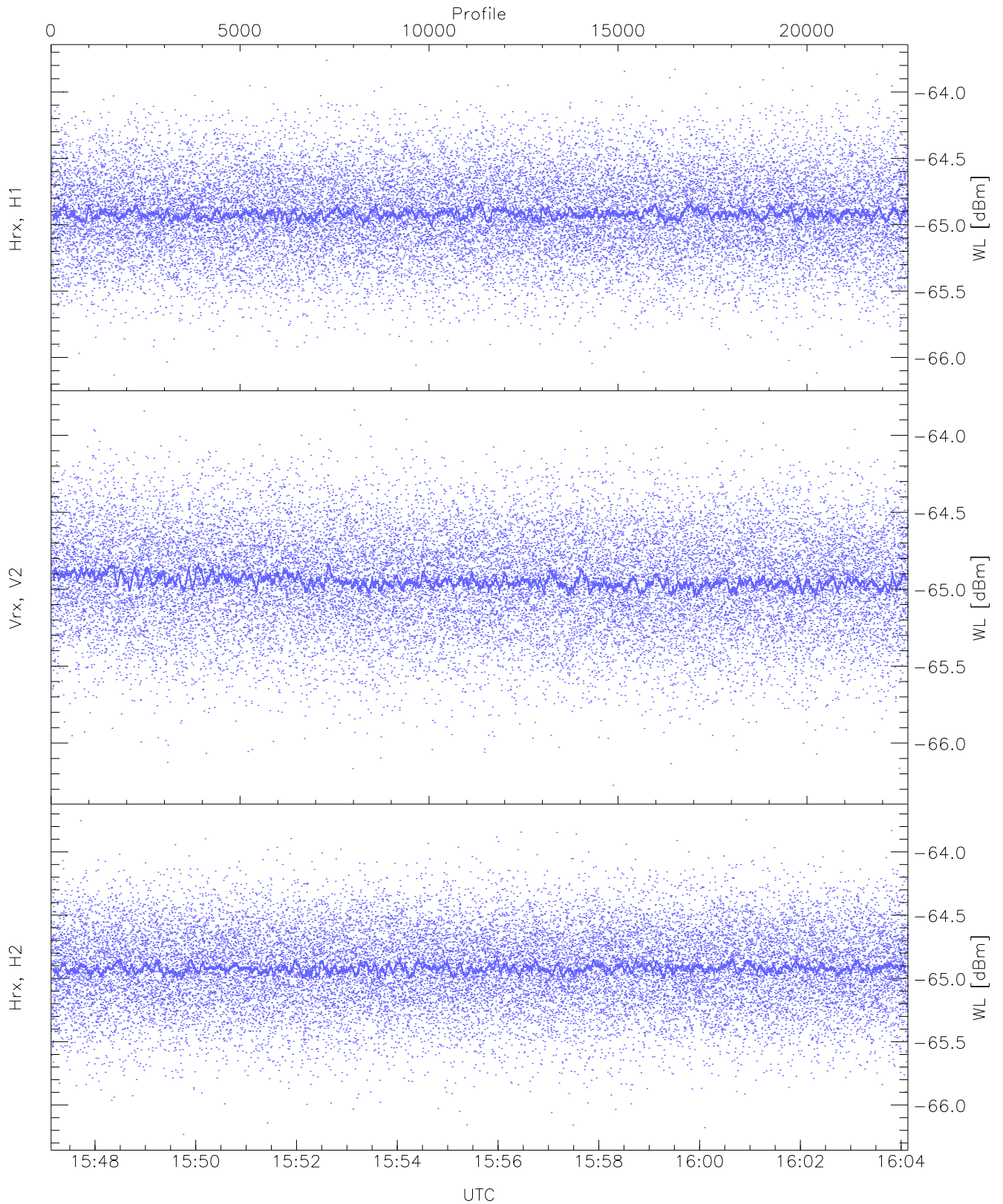
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 7 pixs, 3 gates, 7 profs, 1 prod(s)



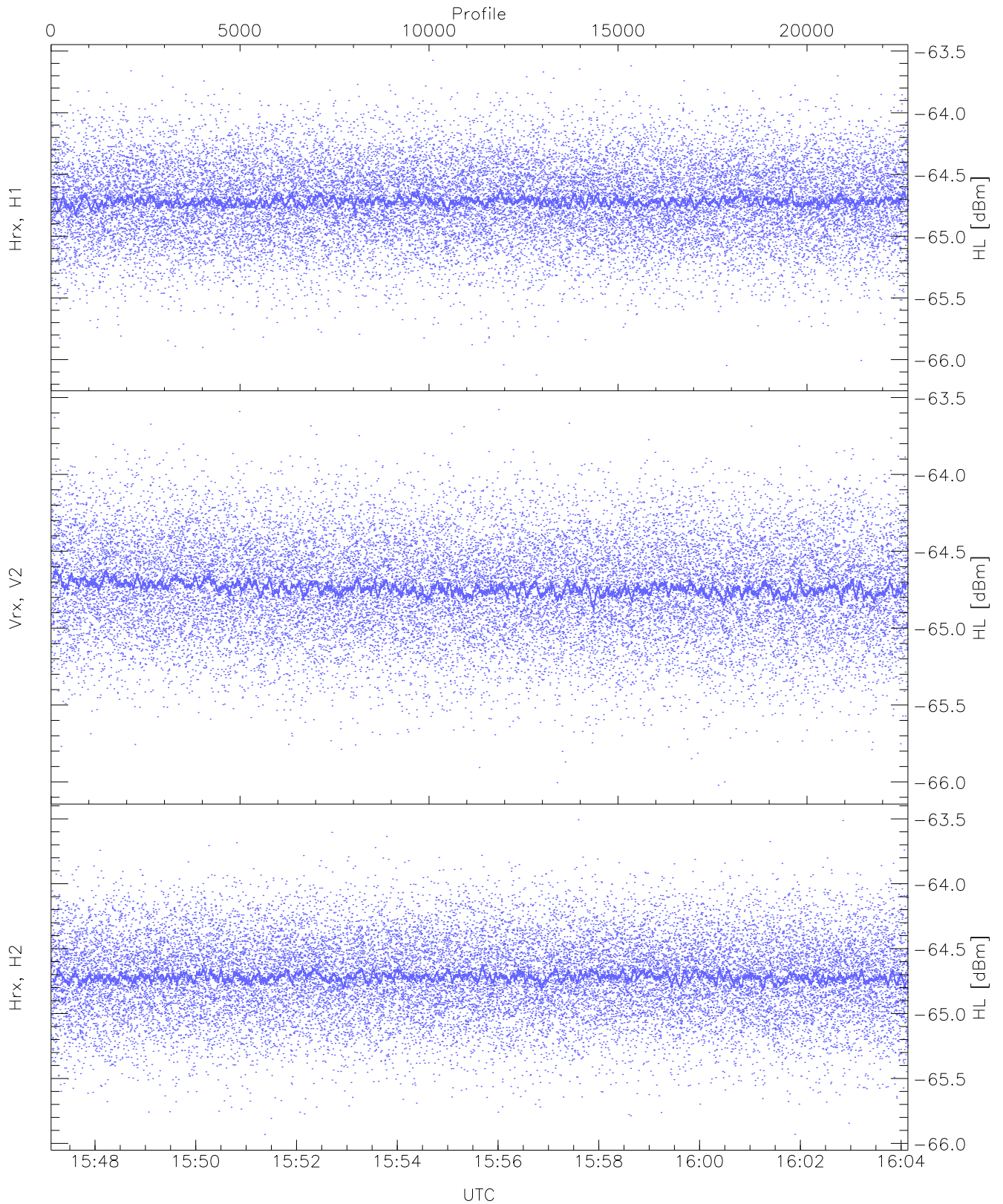
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.14	-65.30	-65.30	-84.95
RMPHrxH1(std_dBm)	-76.04	-74.60	-75.31	-75.32	-89.03
RMPVrxV2(mean_dBm)	-65.10	-64.82	-64.98	-64.98	-85.71
RMPVrxV2(std_dBm)	-75.73	-74.31	-74.99	-75.00	-88.75
RMPHrxH2(mean_dBm)	-65.06	-64.81	-64.92	-64.92	-86.17
RMPHrxH2(std_dBm)	-75.71	-74.26	-74.94	-74.94	-88.74



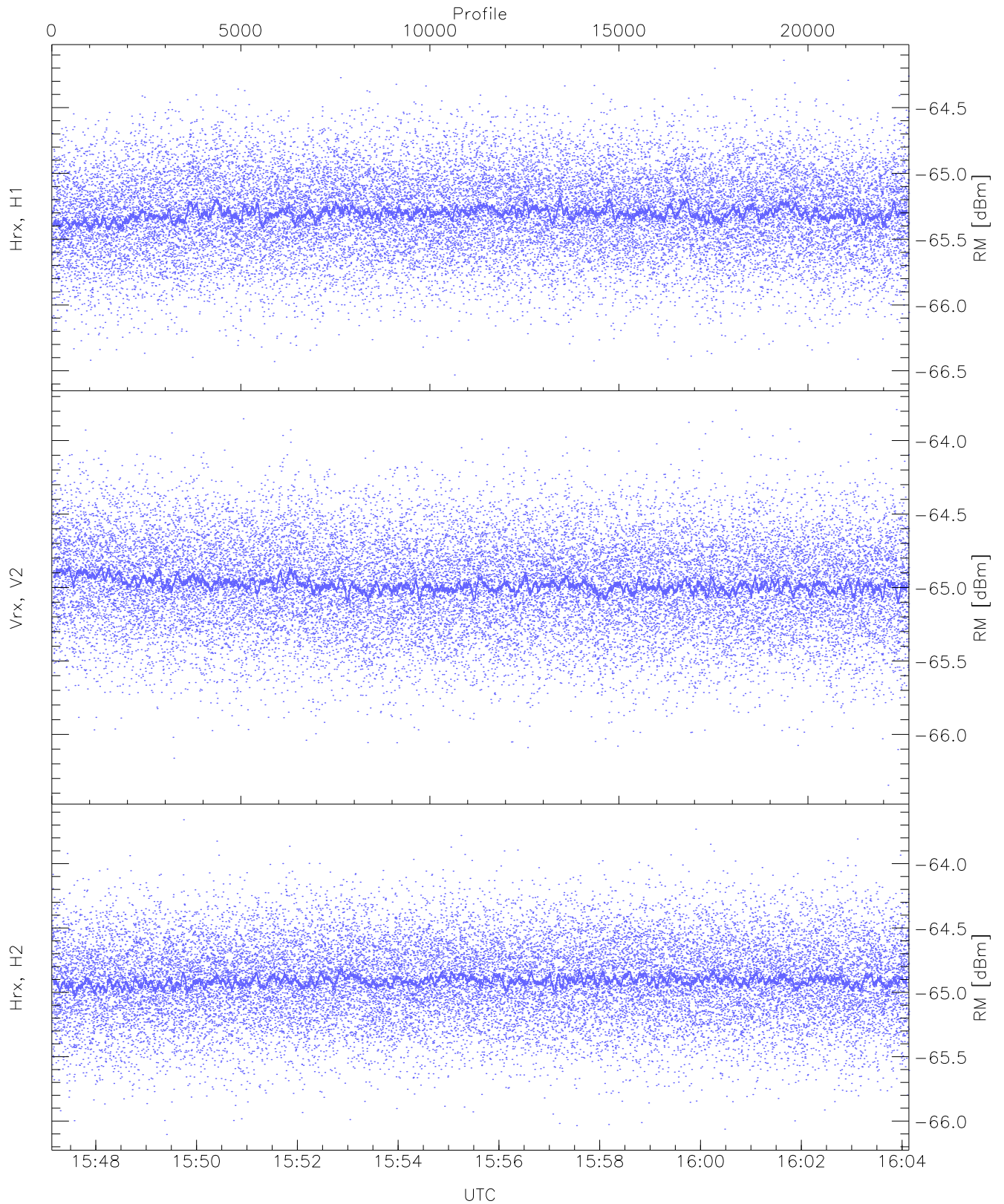
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.13	-63.76	-64.91	-64.92	-76.46
Vrx, V2 (WL [dBm])	-66.27	-63.83	-64.94	-64.94	-76.43
Hrx, H2 (WL [dBm])	-66.23	-63.75	-64.91	-64.92	-76.44



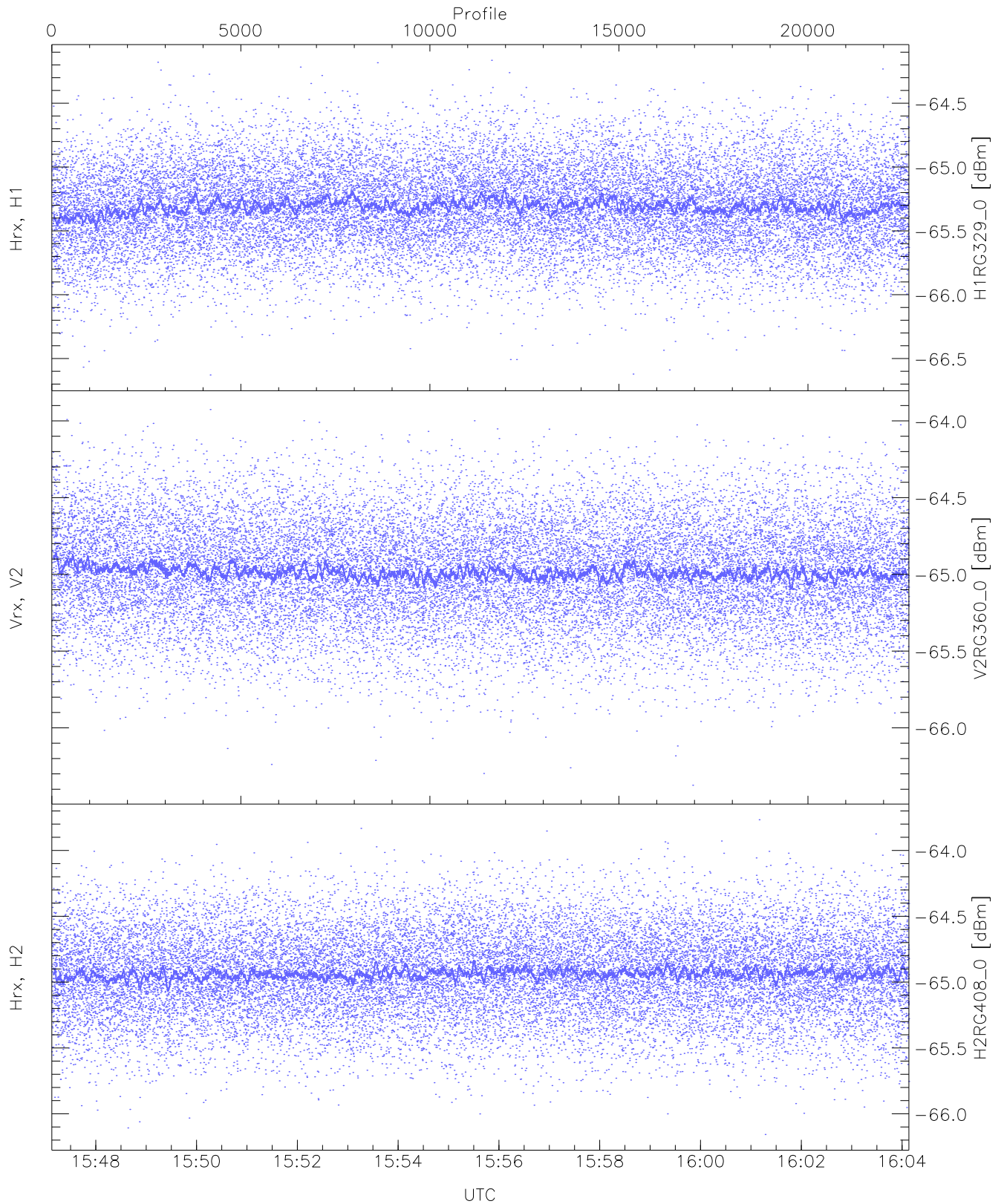
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.12	-63.57	-64.71	-64.72	-76.19
Vrx, V2 (HL [dBm])	-66.02	-63.58	-64.73	-64.74	-76.25
Hrx, H2 (HL [dBm])	-65.93	-63.51	-64.71	-64.72	-76.25



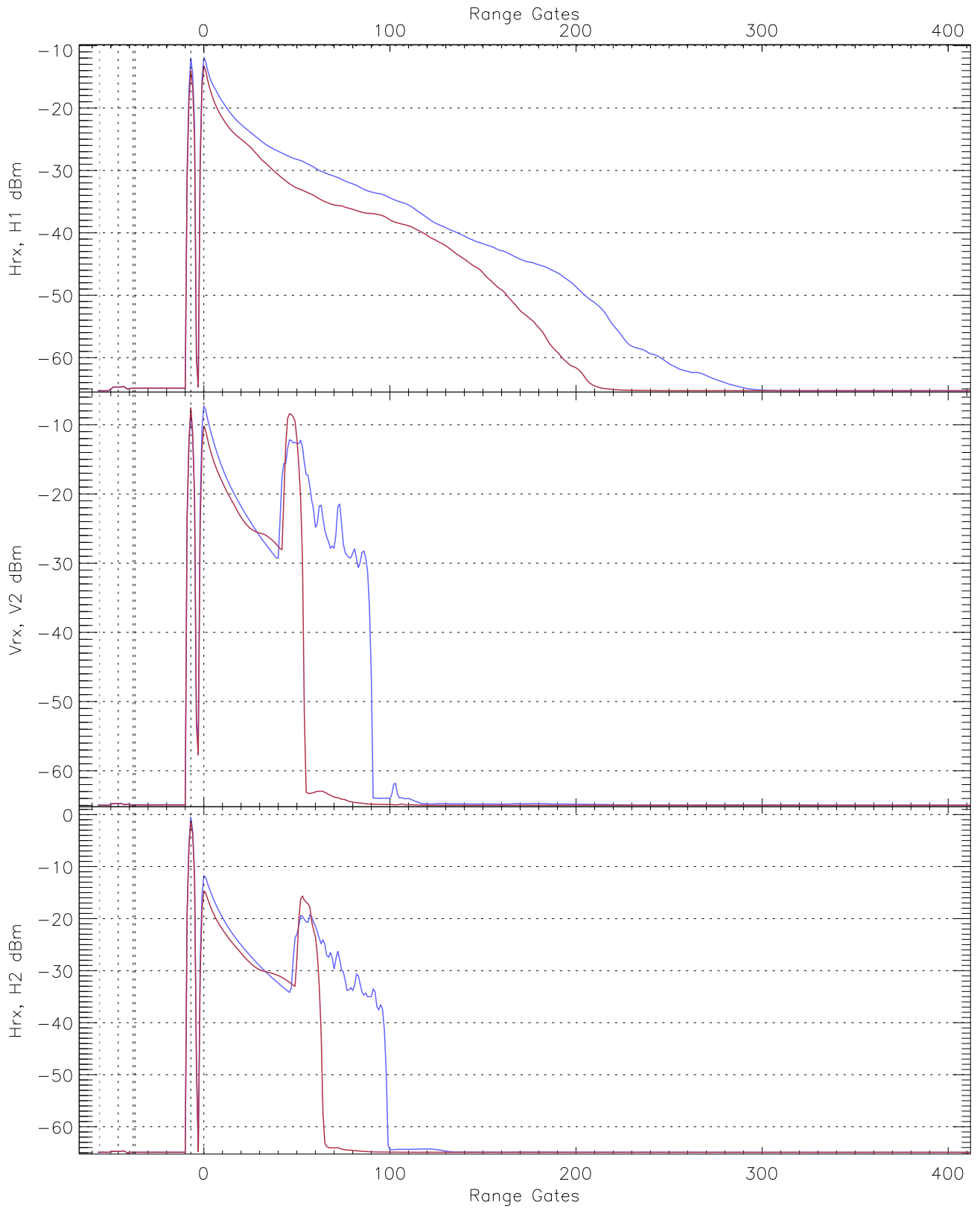
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.53	-64.14	-65.30	-65.31	-76.78
Vrx, V2 (RM [dBm])	-66.35	-63.79	-64.97	-64.98	-76.45
Hrx, H2 (RM [dBm])	-66.10	-63.66	-64.90	-64.91	-76.43

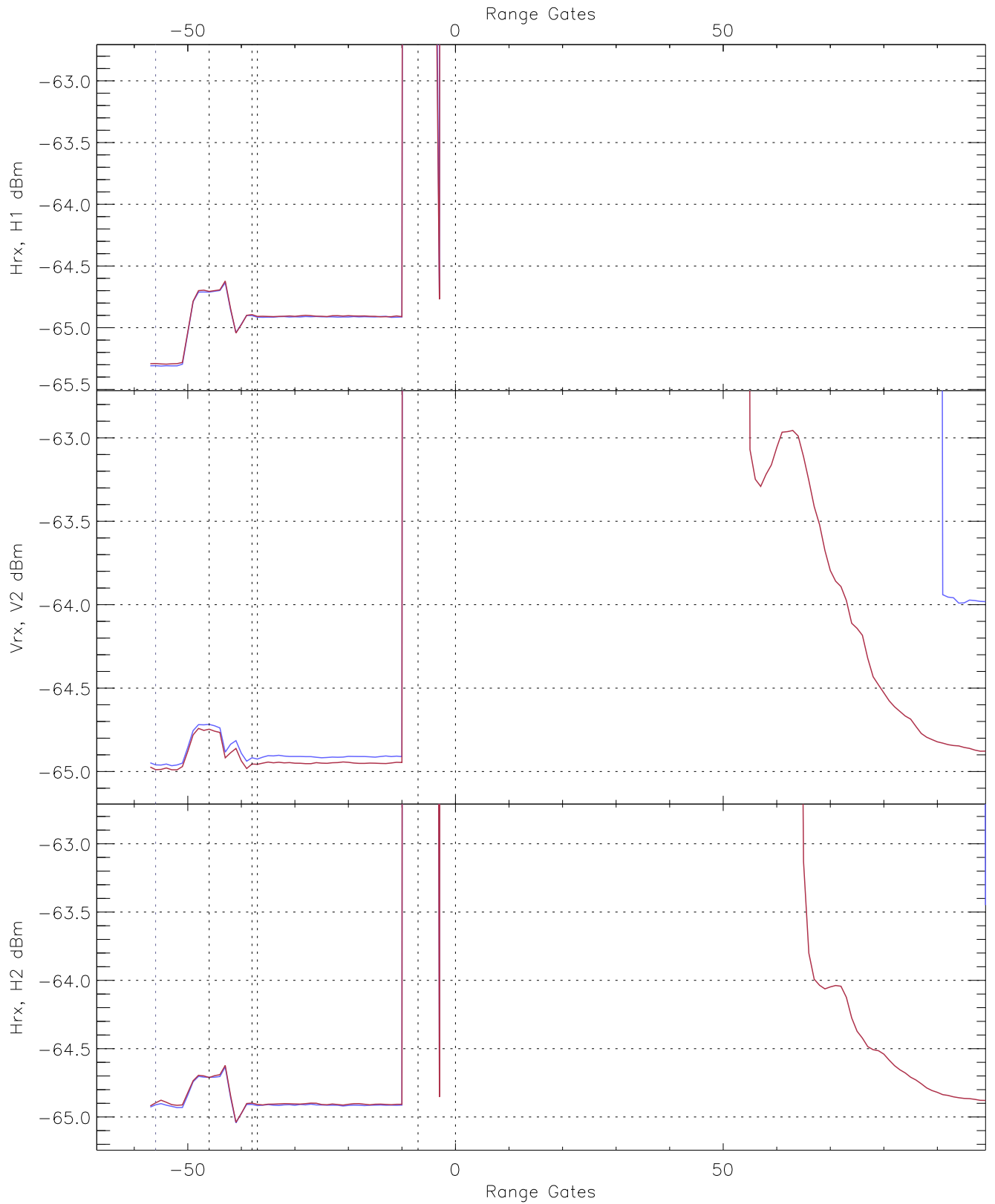


WCR3 CPP "Best" estimate Receivers Noise Power

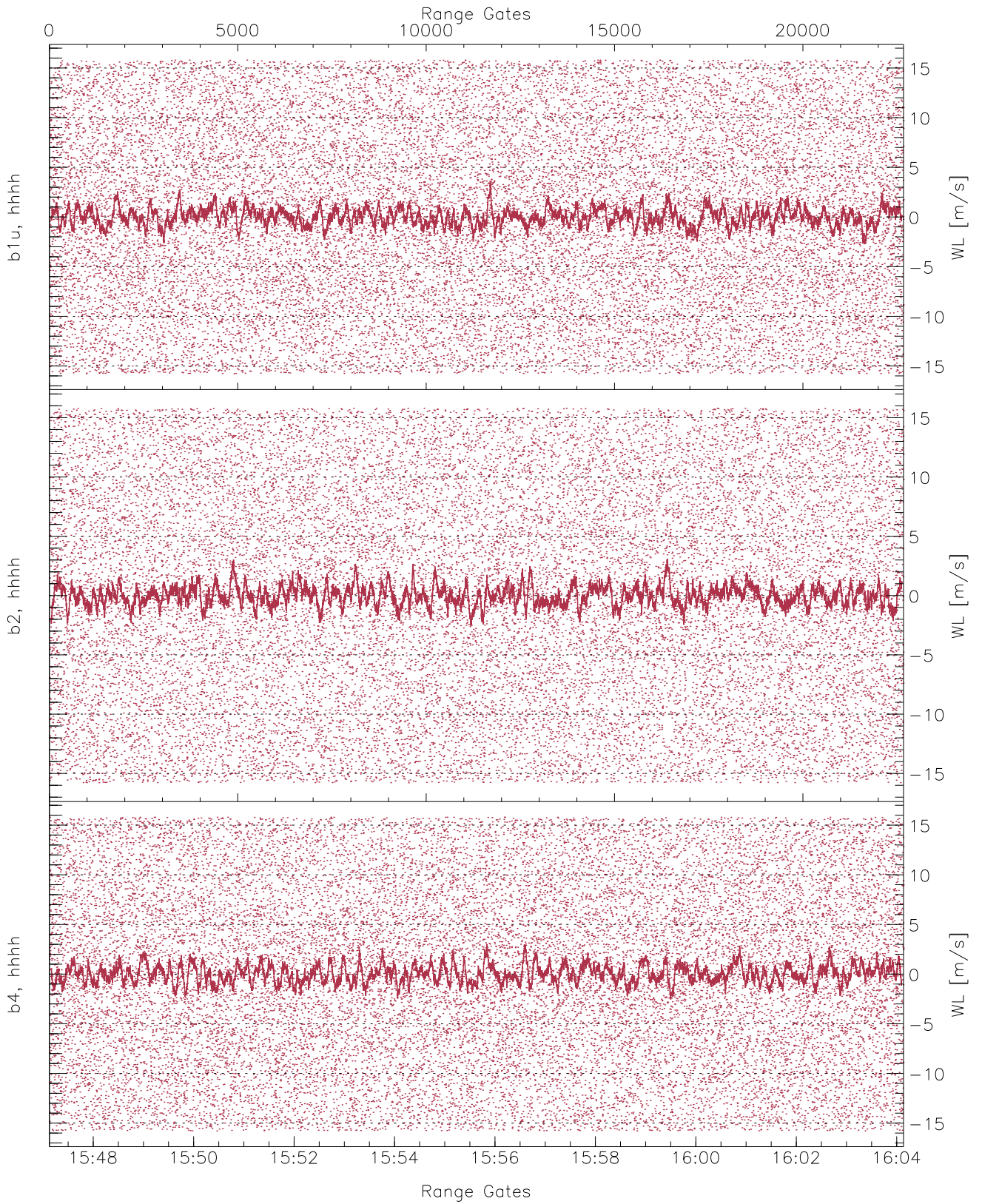
	Min	Max	Mean	Median	StDev
H1RG329_0 [dBm]	-66.63	-64.16	-65.30	-65.31	-76.79
V2RG360_0 [dBm]	-66.37	-63.93	-64.98	-64.98	-76.47
H2RG408_0 [dBm]	-66.16	-63.77	-64.93	-64.94	-76.44



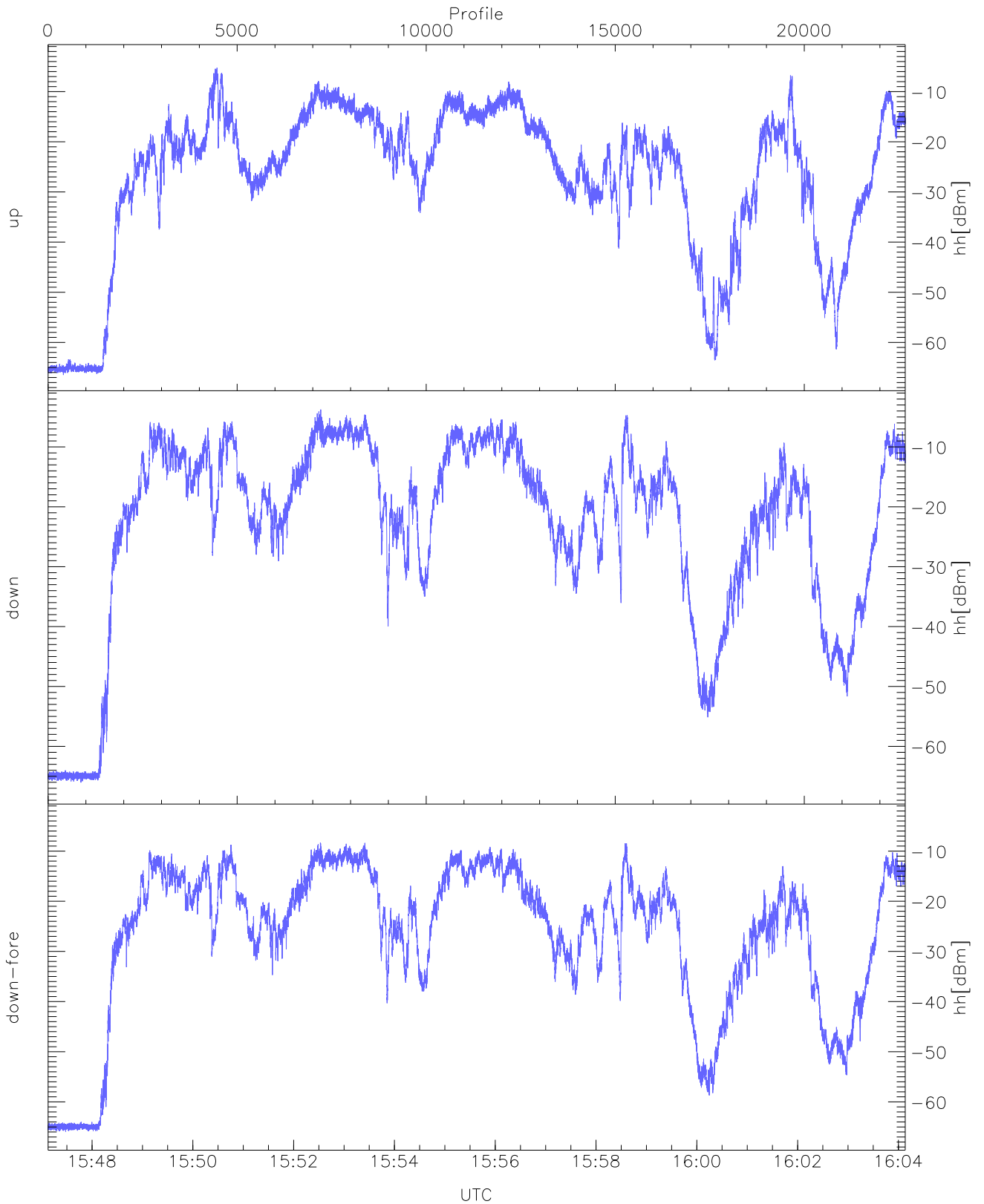
WCR3 CPP Averaged Received power for all recorded gates
blue: 154708-155538, 11337 profiles averaged
red: 155538-160408, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 154708-155538, 11337 profiles averaged
red: 155538-160408, 11336 profiles averaged

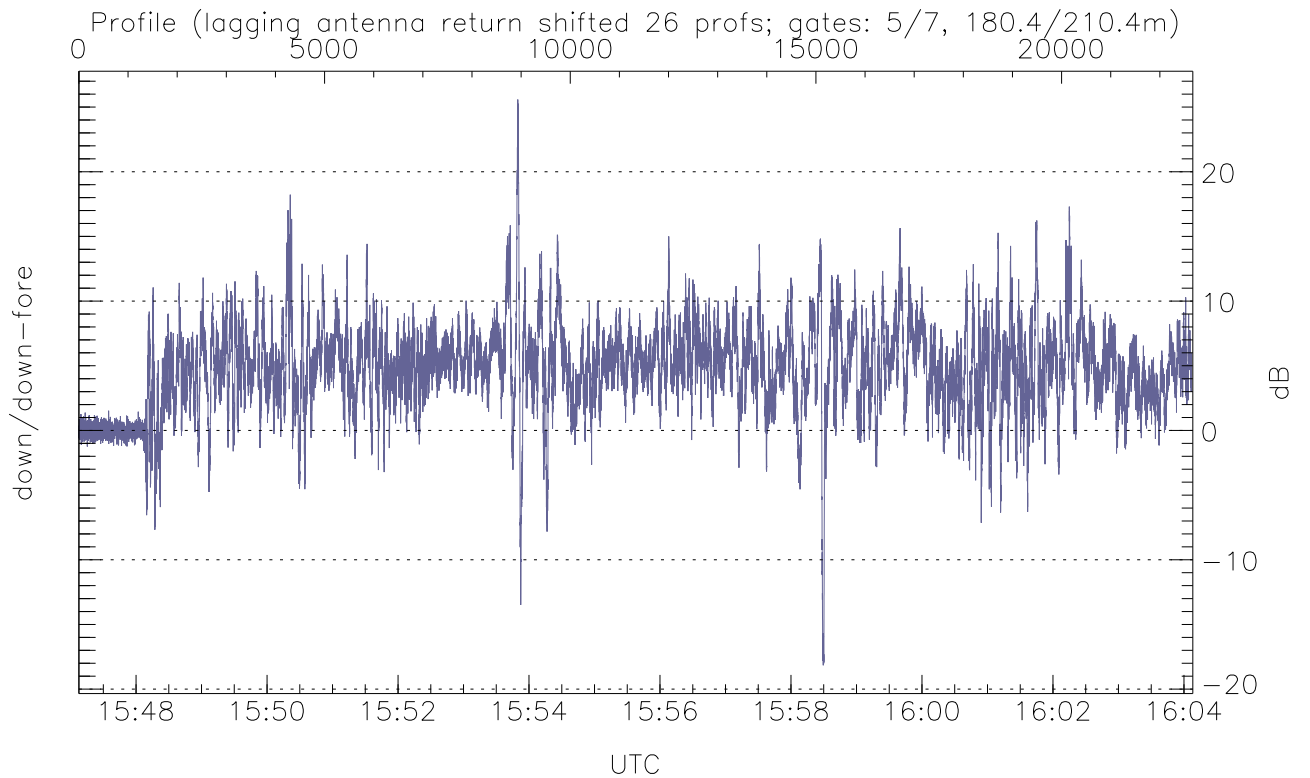
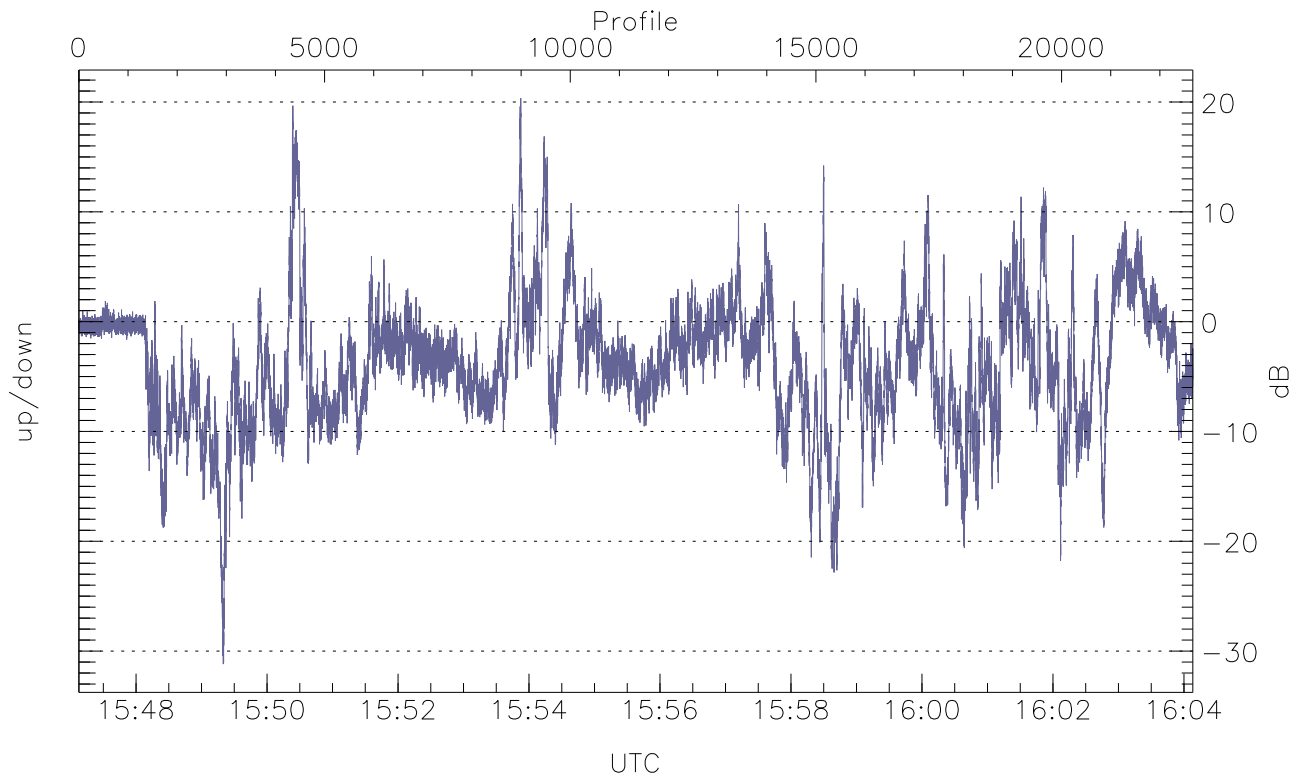


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



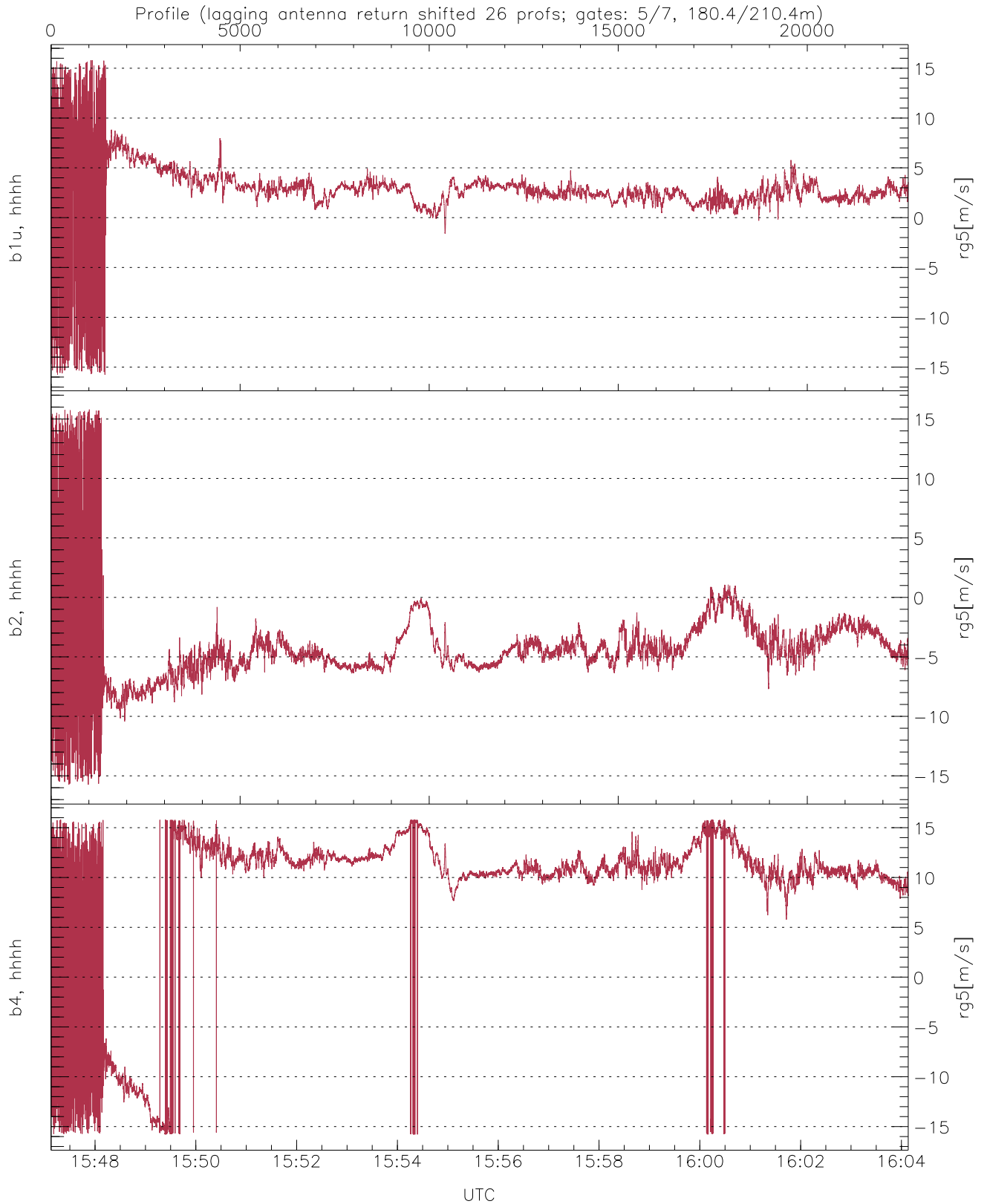
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.50	-5.26	-17.30
down(hh[dBm])	-66.04	-3.75	-13.41
down-fore(hh[dBm])	-65.93	-8.29	-17.26



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

	Min	Max	Mean
up/down (dB)	-31.18	20.34	-3.78
down/down-fore (dB)	-18.16	25.58	4.73



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	2.81	2.49
b2, hhhh(rg5[m/s])	-15.75	15.79	-4.17	2.98
b4, hhhh(rg5[m/s])	-15.79	15.79	8.85	7.52