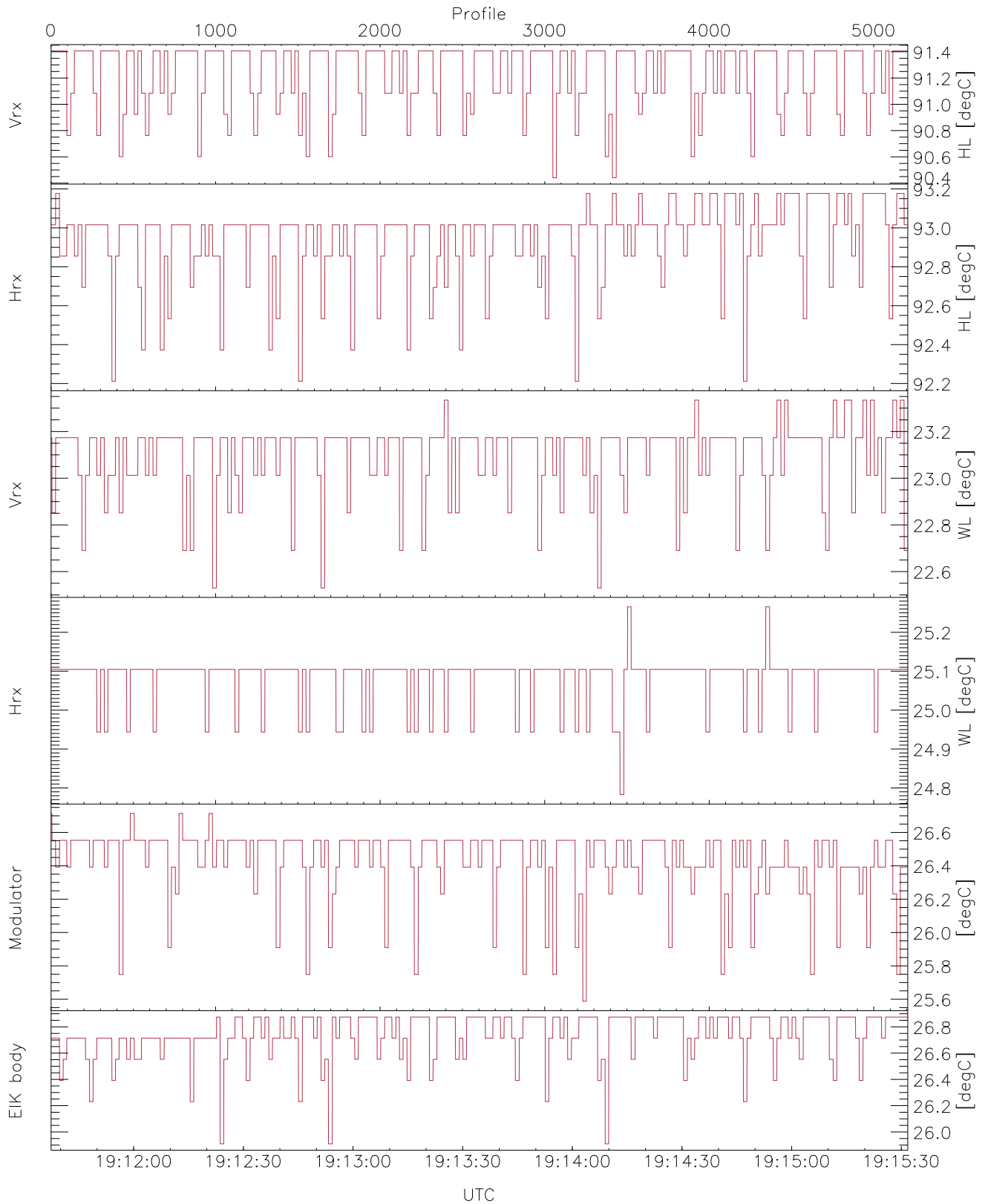


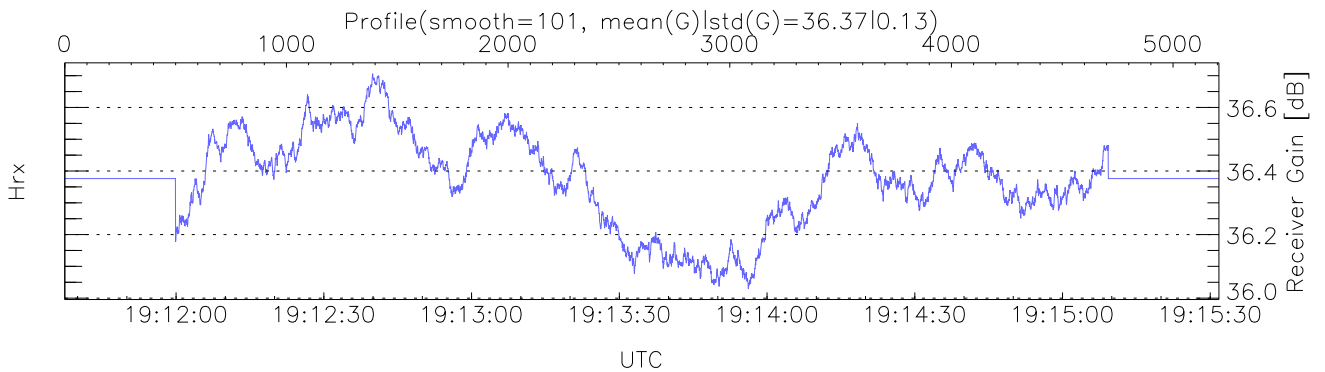
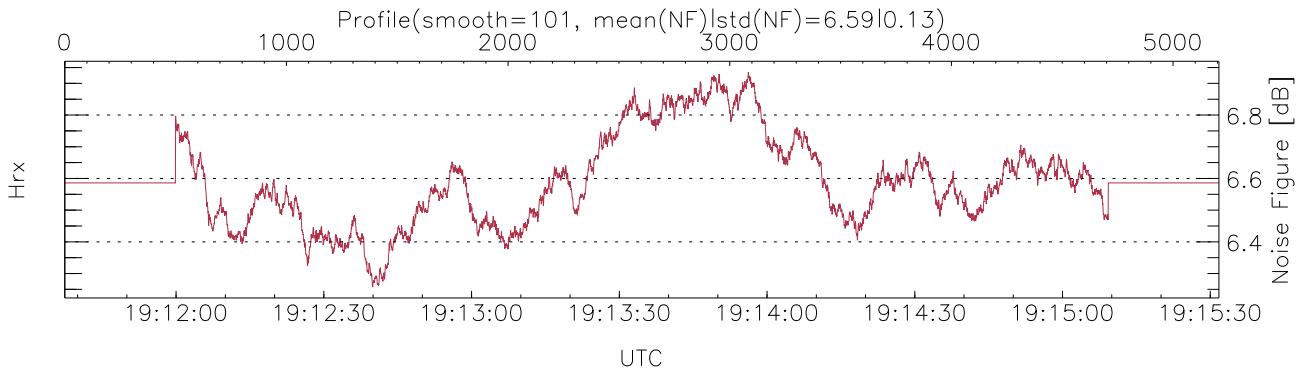
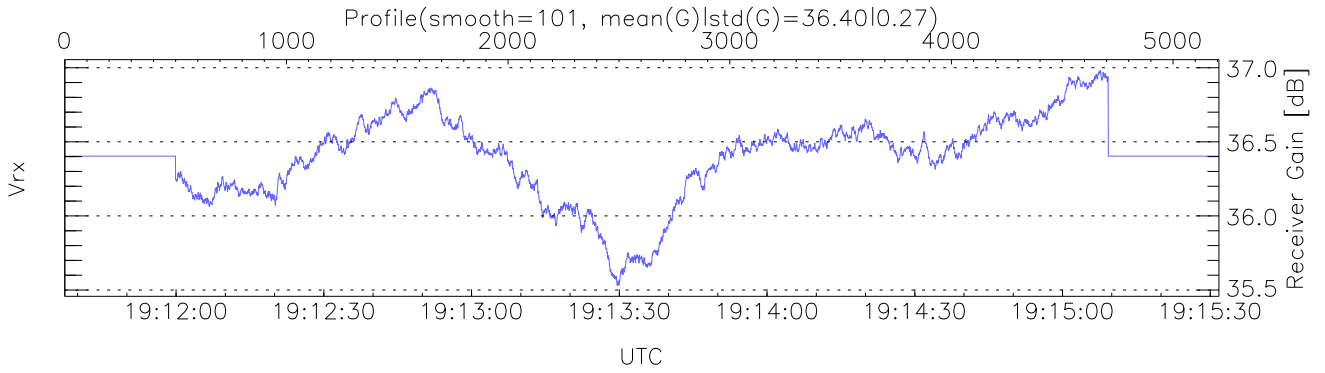
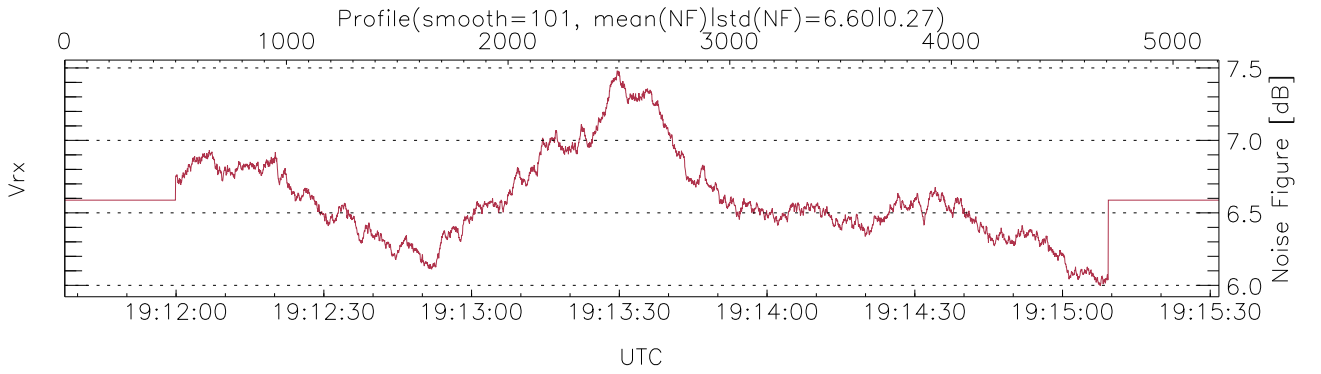
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:11:37-19:15:32, TimeCor: 0.00s, Dur: 234.37s
 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): 5208/5208, 0-5207/19:11:37-19:15:32
 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



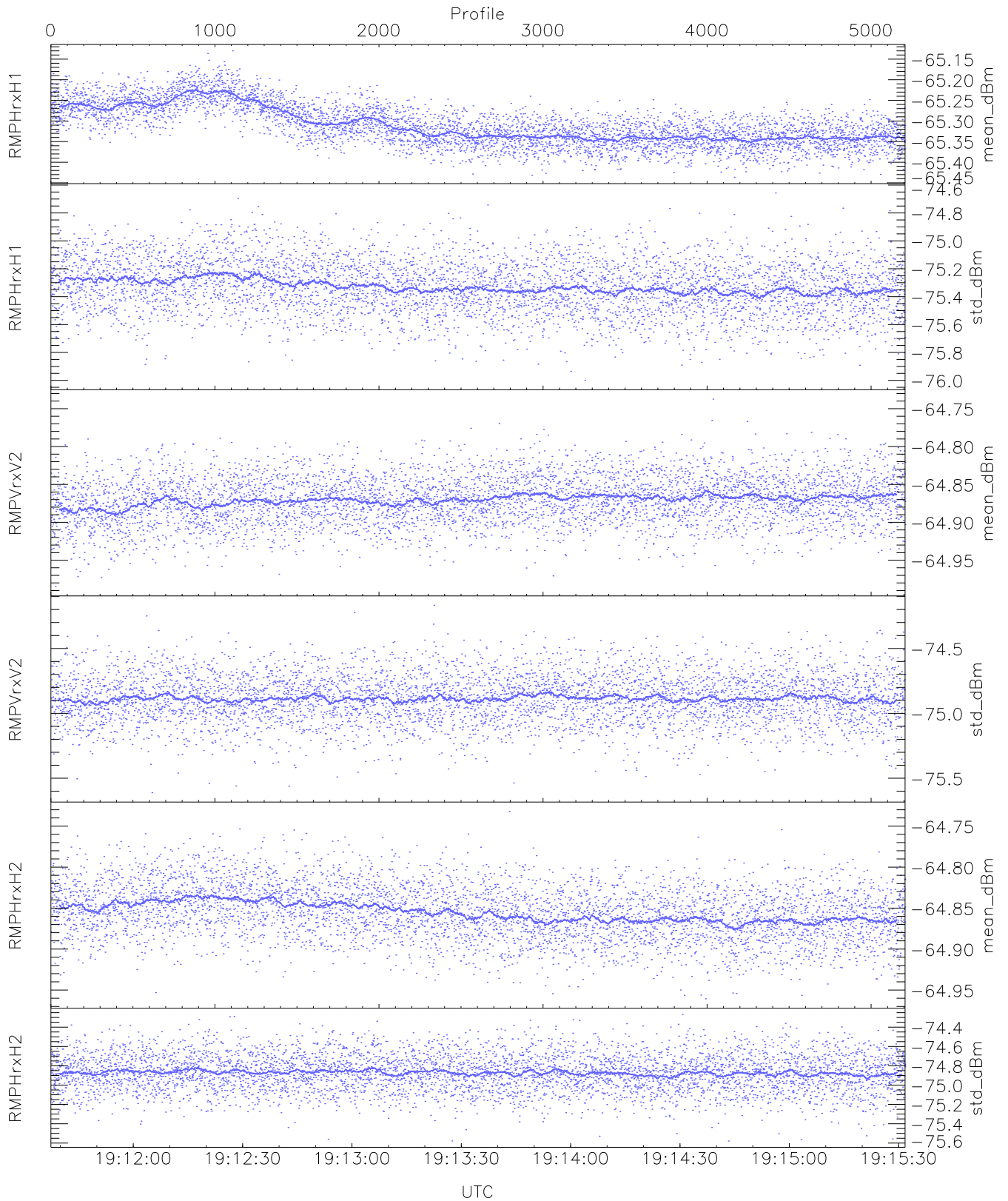
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,25,26,26
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



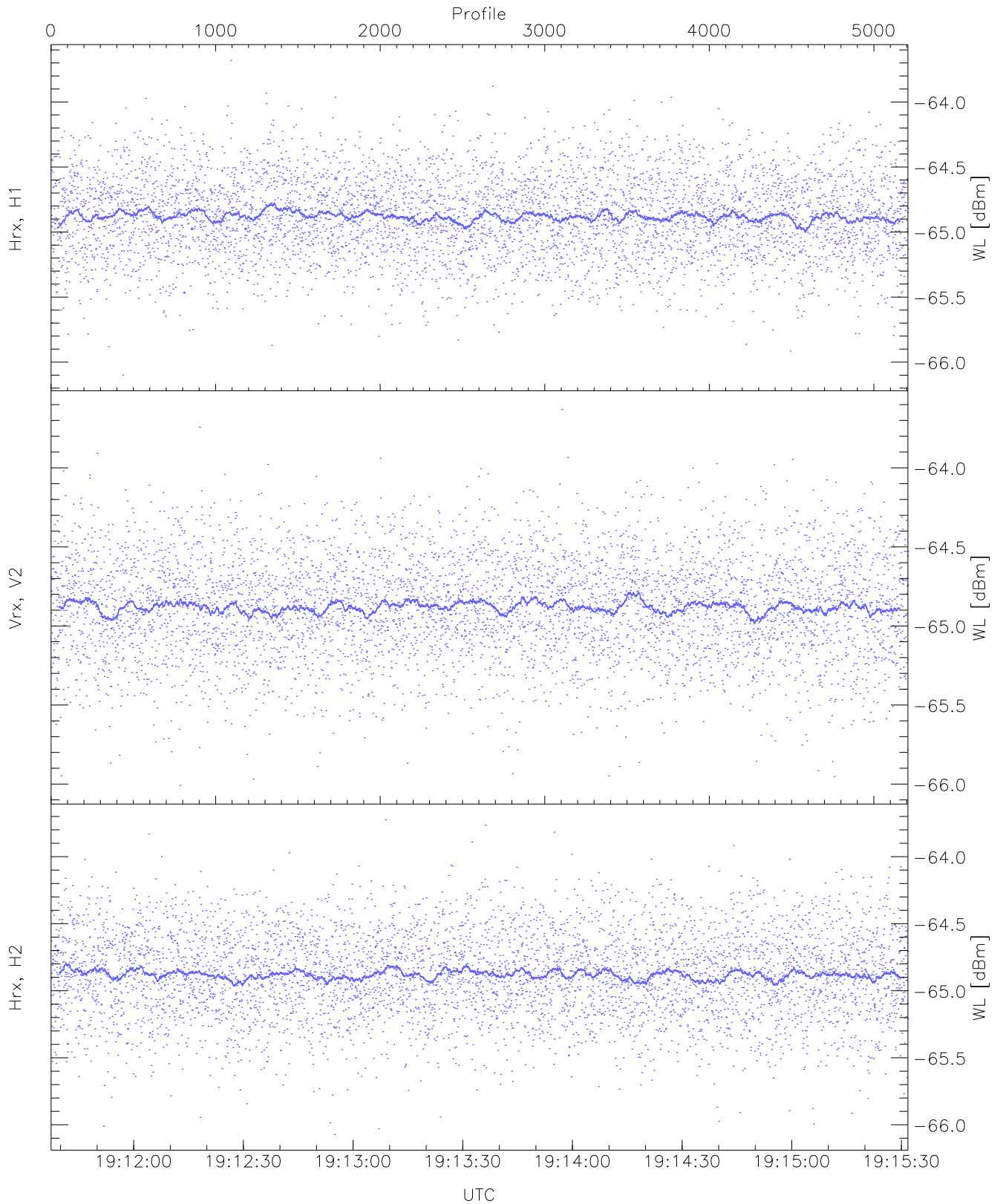
WCR3 CPP Receivers Gain and Noise Figure

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



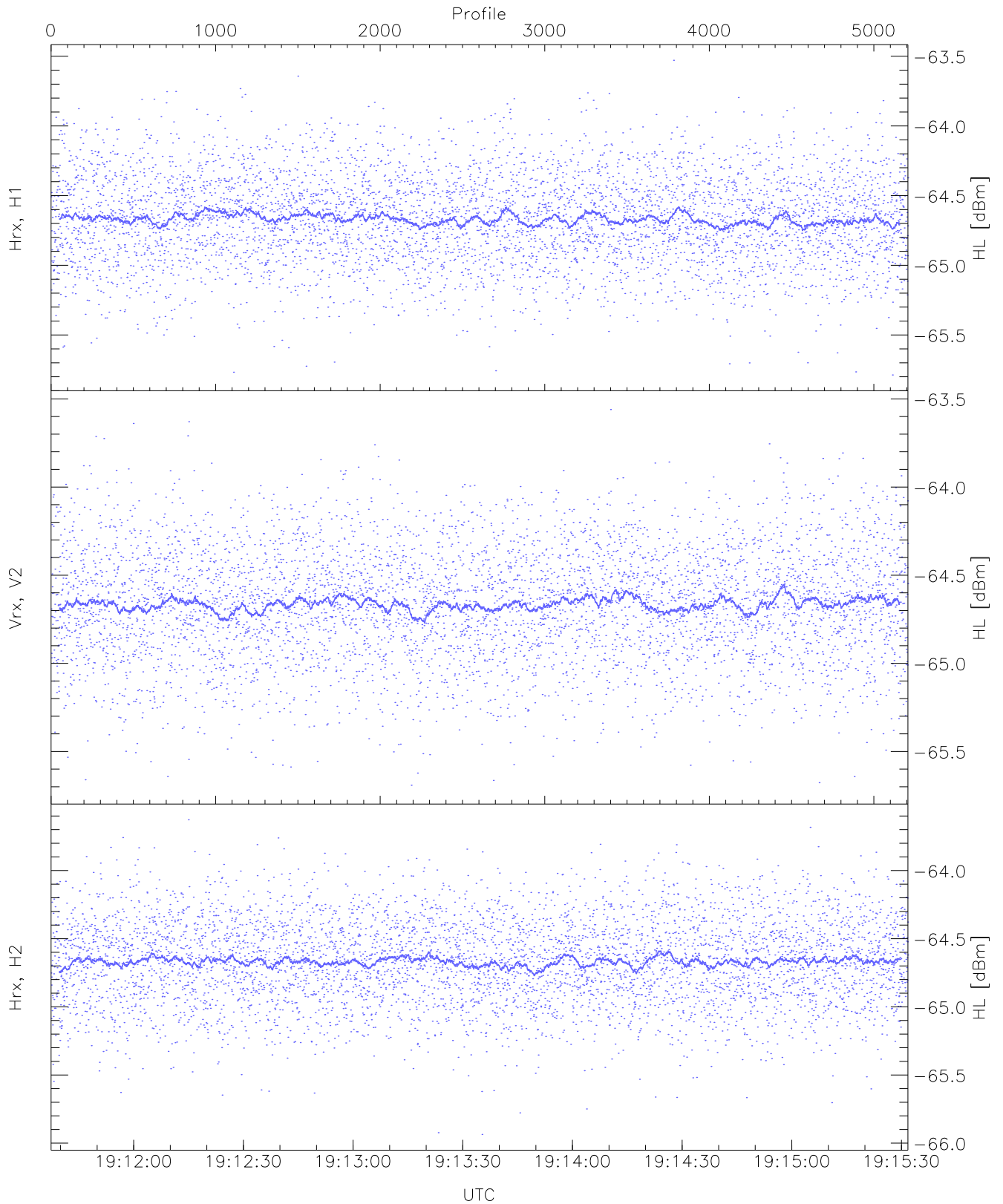
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.44	-65.13	-65.31	-65.32	-84.73
RMPHrxH1 (std_dBm)	-76.00	-74.66	-75.33	-75.33	-89.03
RMPVrxV2 (mean_dBm)	-64.98	-64.74	-64.87	-64.87	-86.44
RMPVrxV2 (std_dBm)	-75.61	-74.17	-74.88	-74.89	-88.69
RMPHrxH2 (mean_dBm)	-64.96	-64.73	-64.86	-64.86	-86.21
RMPHrxH2 (std_dBm)	-75.58	-74.27	-74.87	-74.87	-88.57



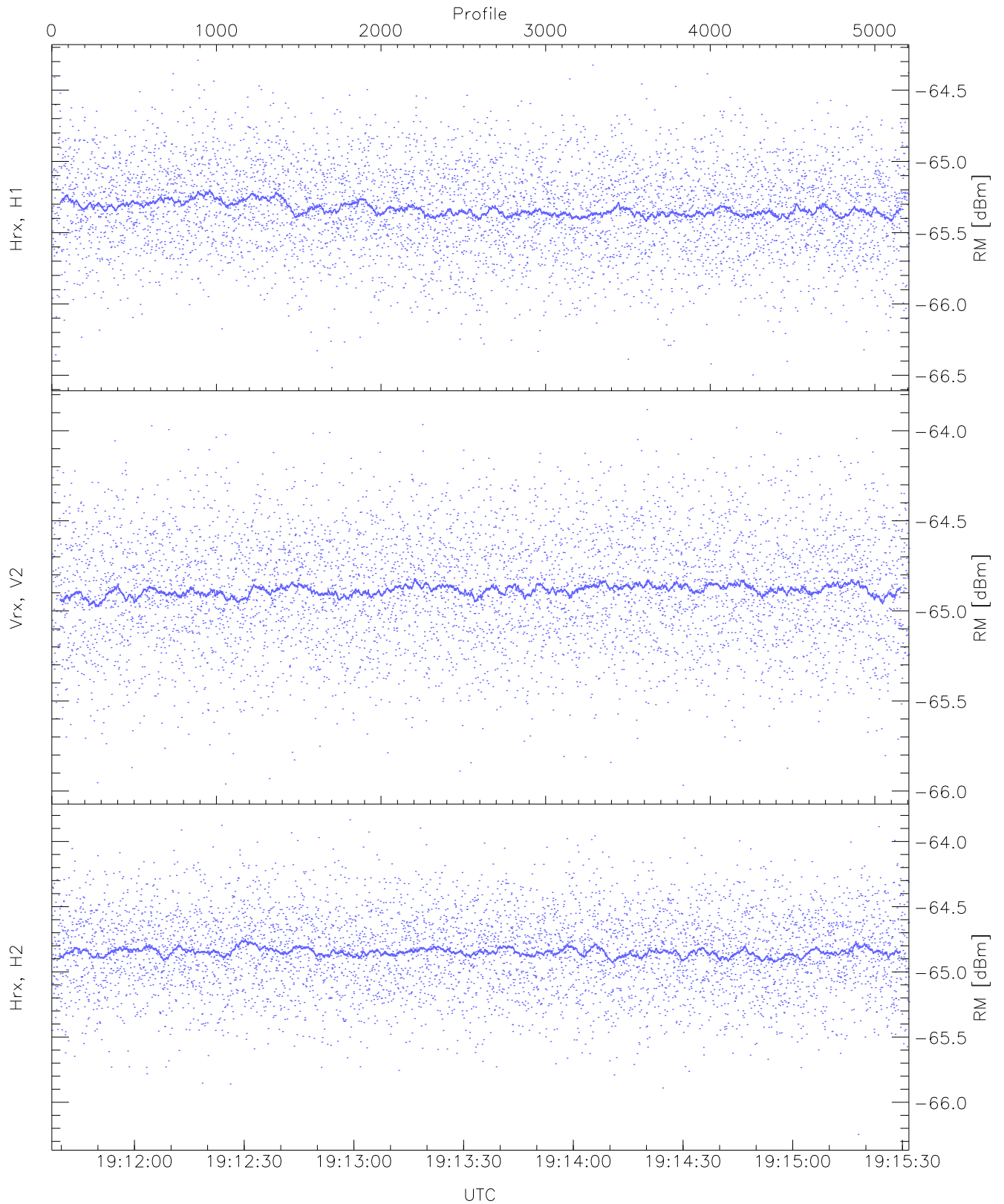
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.10	-63.68	-64.87	-64.88	-76.43
Vrx, V2 (WL [dBm])	-66.01	-63.63	-64.87	-64.87	-76.37
Hrx, H2 (WL [dBm])	-66.07	-63.72	-64.87	-64.88	-76.32



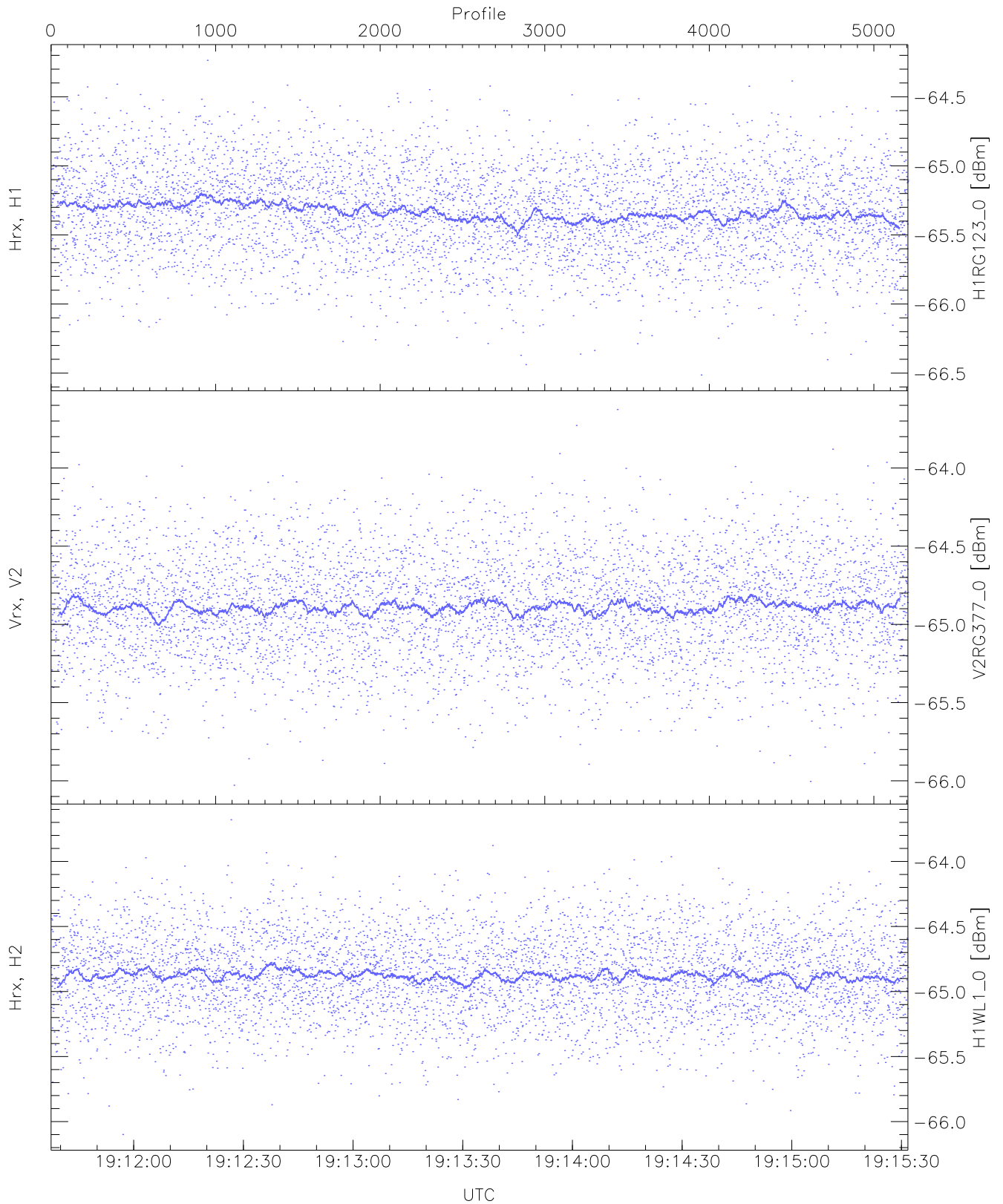
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.79	-63.53	-64.66	-64.67	-76.14
Vrx, V2 (HL [dBm])	-65.69	-63.56	-64.66	-64.66	-76.18
Hrx, H2 (HL [dBm])	-65.94	-63.63	-64.66	-64.66	-76.22



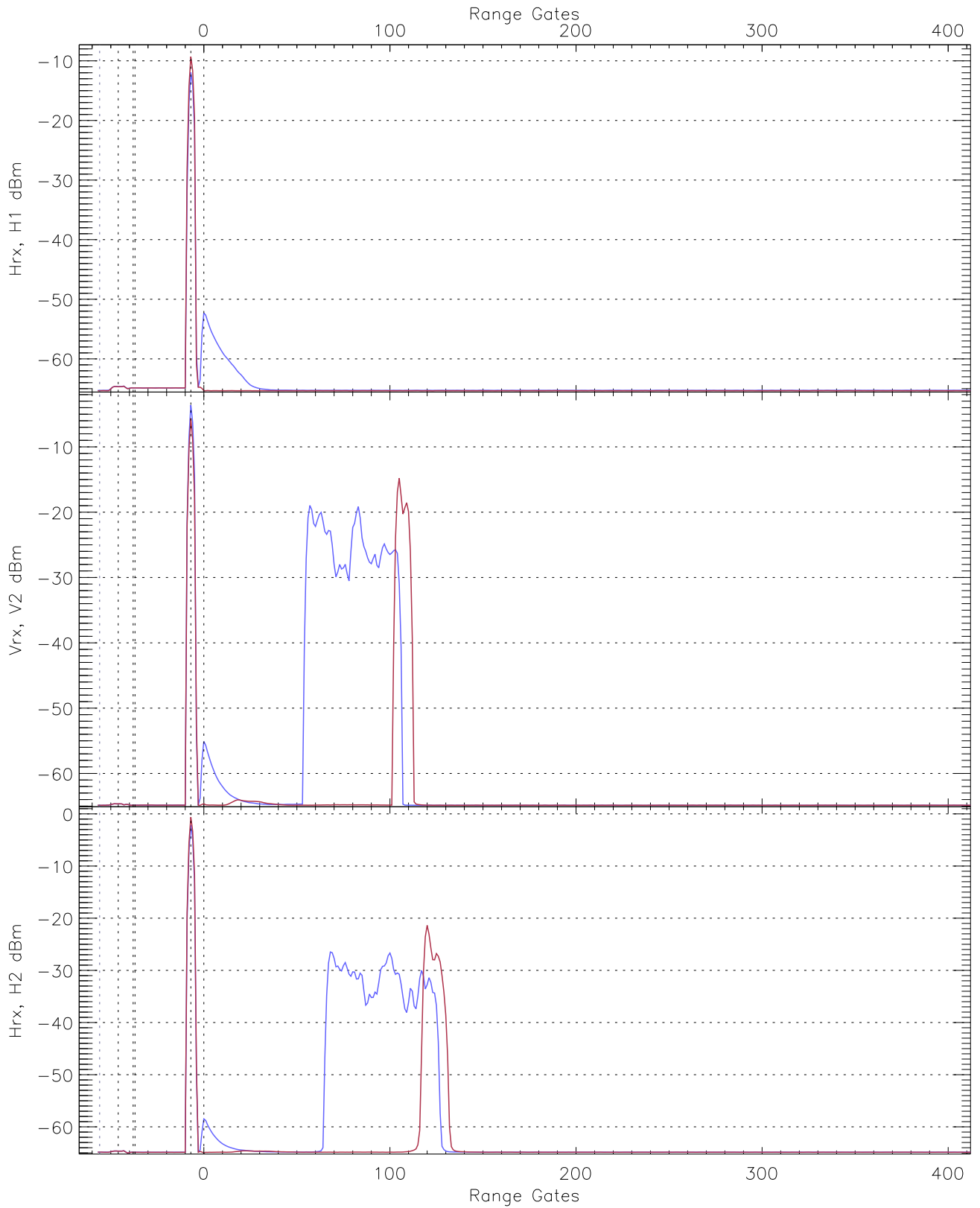
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.50	-64.29	-65.32	-65.33	-76.81
Vrx, V2 (RM [dBm])	-65.97	-63.88	-64.88	-64.89	-76.41
Hrx, H2 (RM [dBm])	-66.25	-63.83	-64.84	-64.84	-76.37

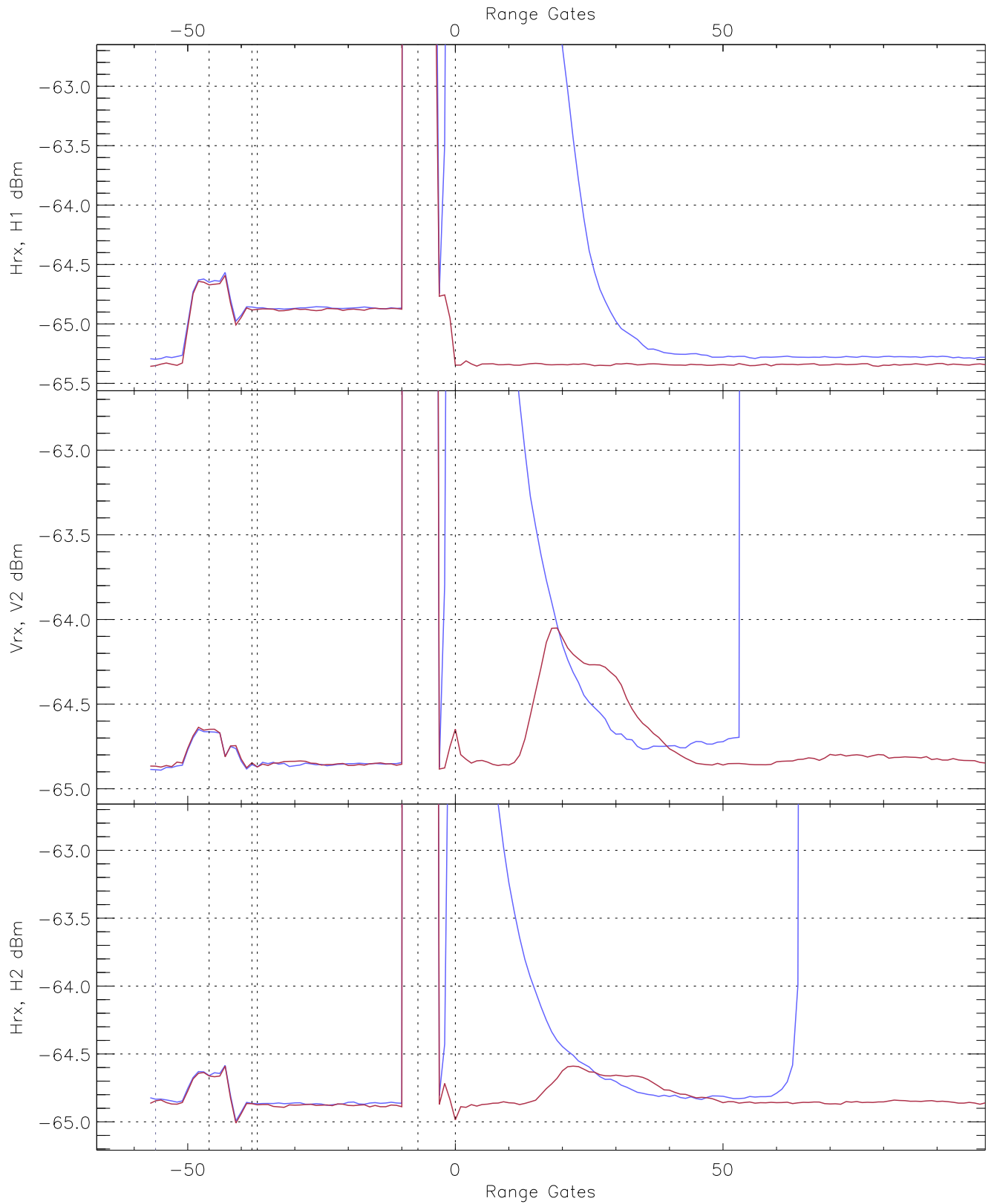


WCR3 CPP "Best" estimate Receivers Noise Power

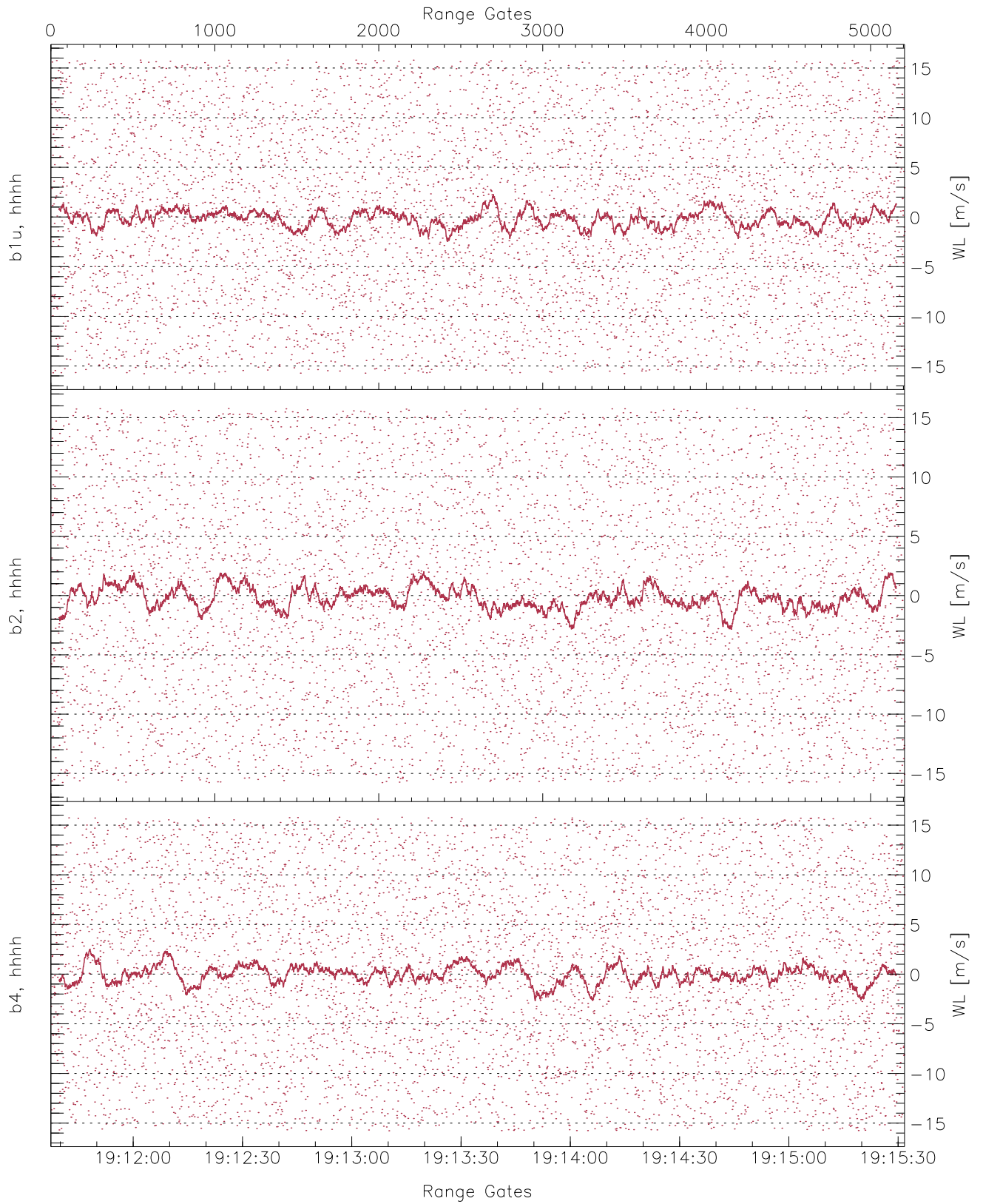
	Min	Max	Mean	Median	StDev
H1RG123_0 [dBm]	-66.51	-64.24	-65.33	-65.33	-76.78
V2RG377_0 [dBm]	-66.03	-63.63	-64.88	-64.89	-76.35
H1WL1_0 [dBm]	-66.10	-63.68	-64.87	-64.88	-76.43



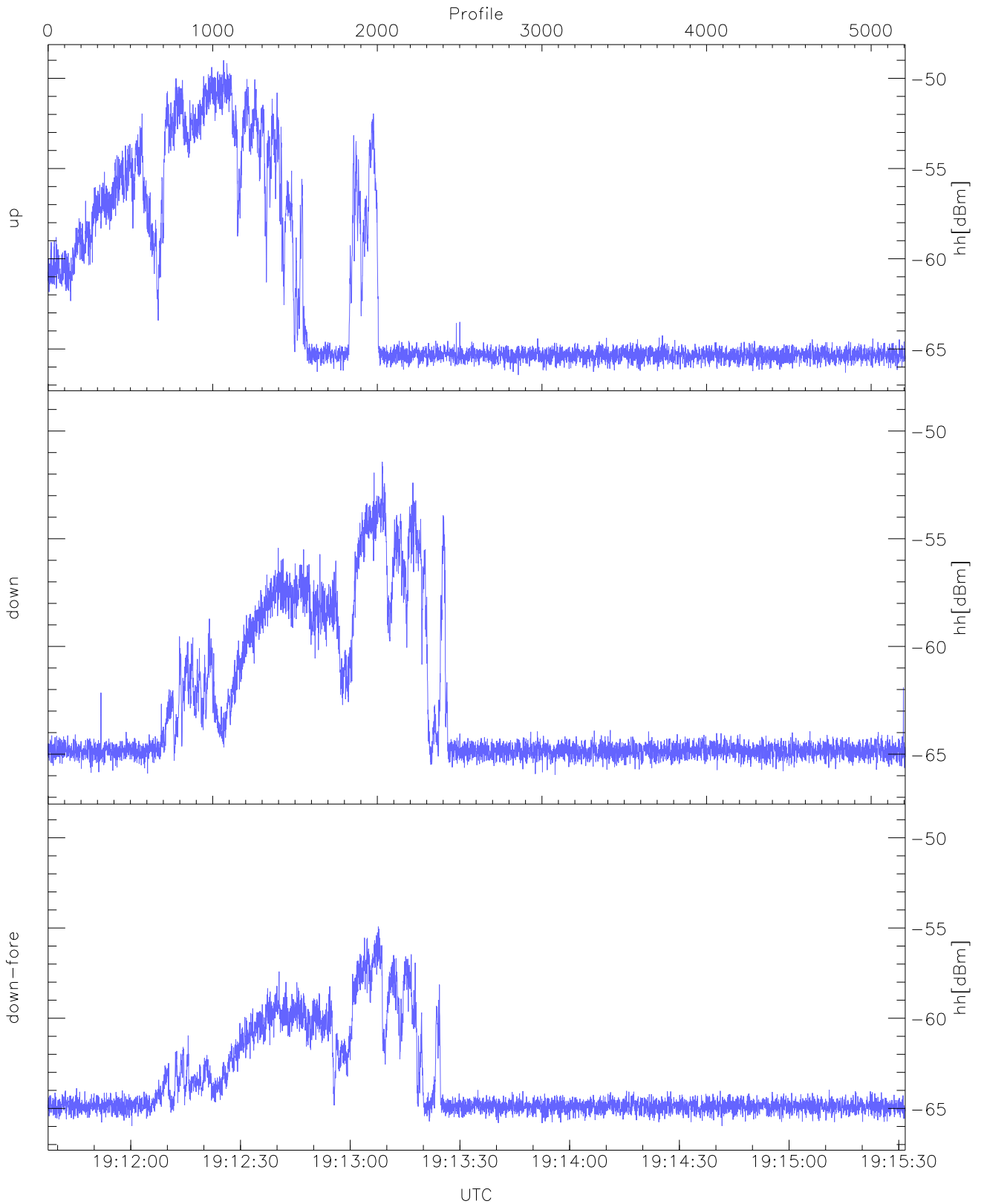
WCR3 CPP Averaged Received power for all recorded gates
blue: 191137-191335, 2605 profiles averaged
red: 191335-191532, 2604 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 191137-191335, 2605 profiles averaged
red: 191335-191532, 2604 profiles averaged

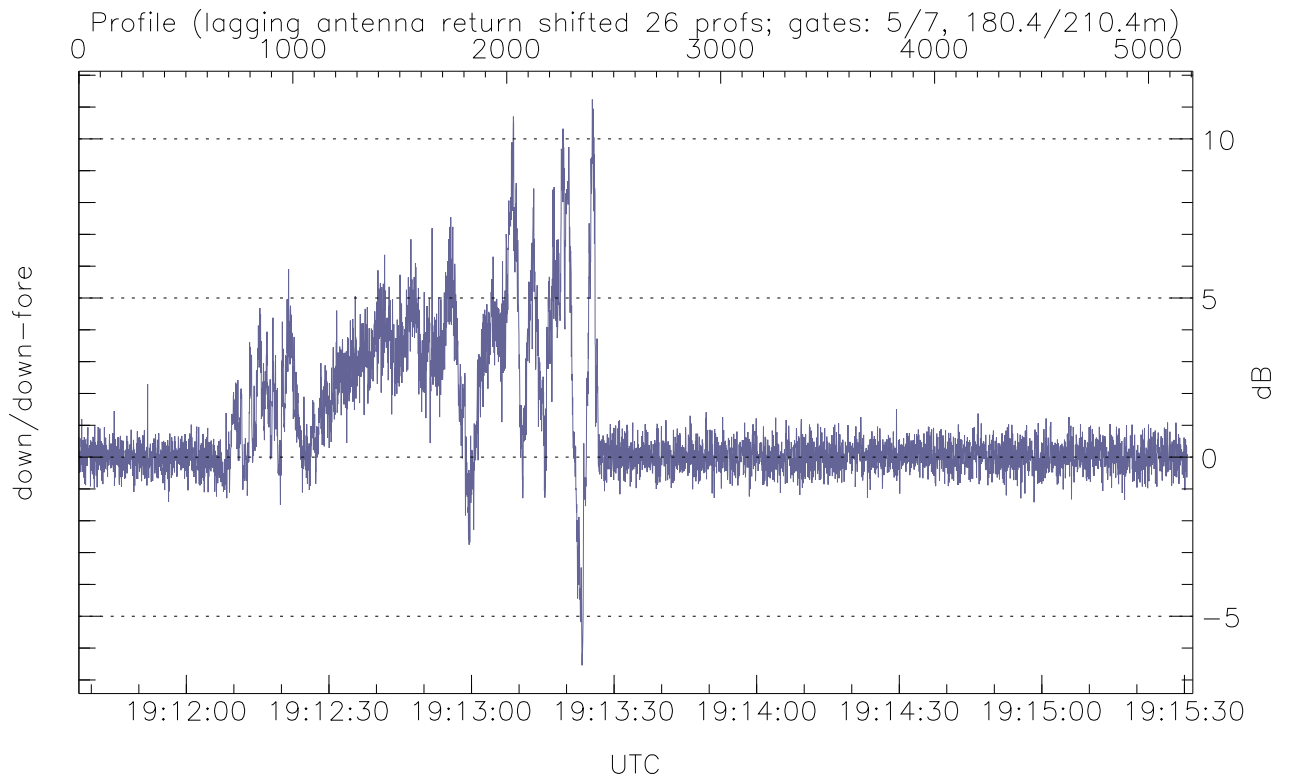
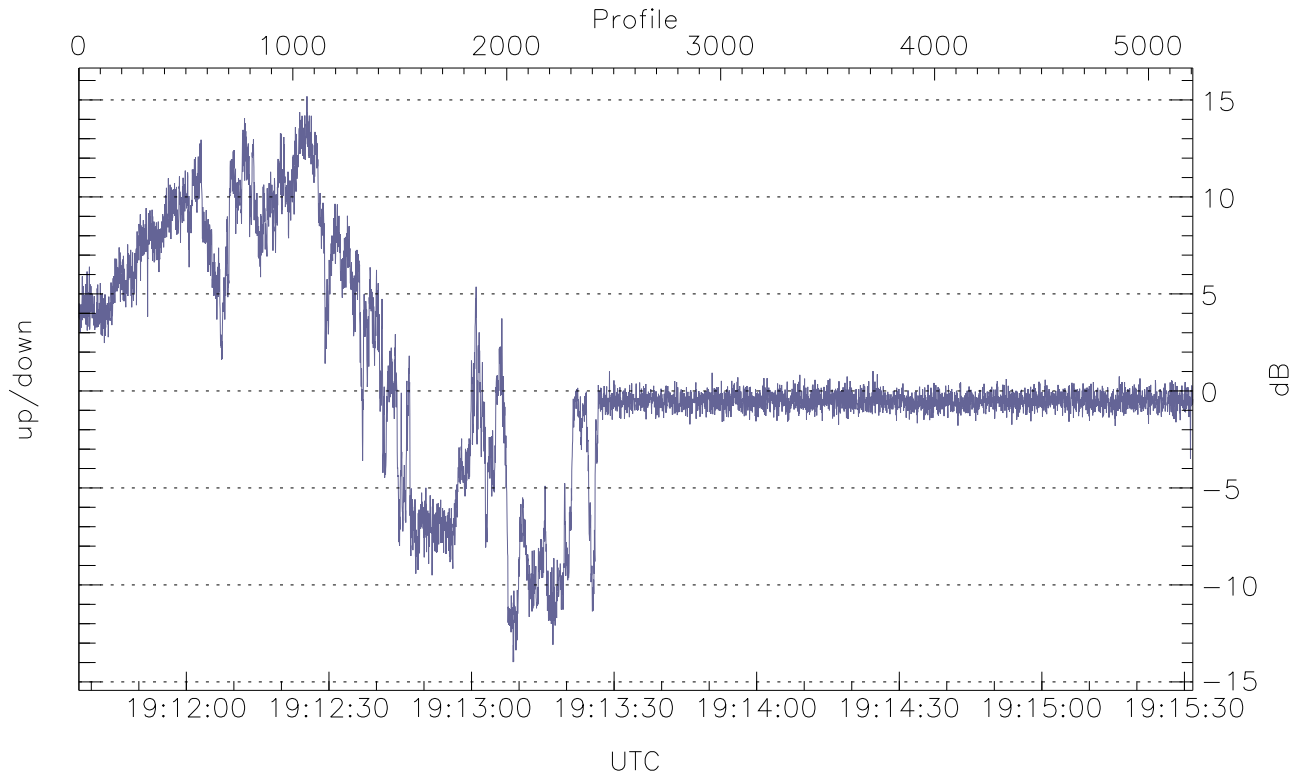


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



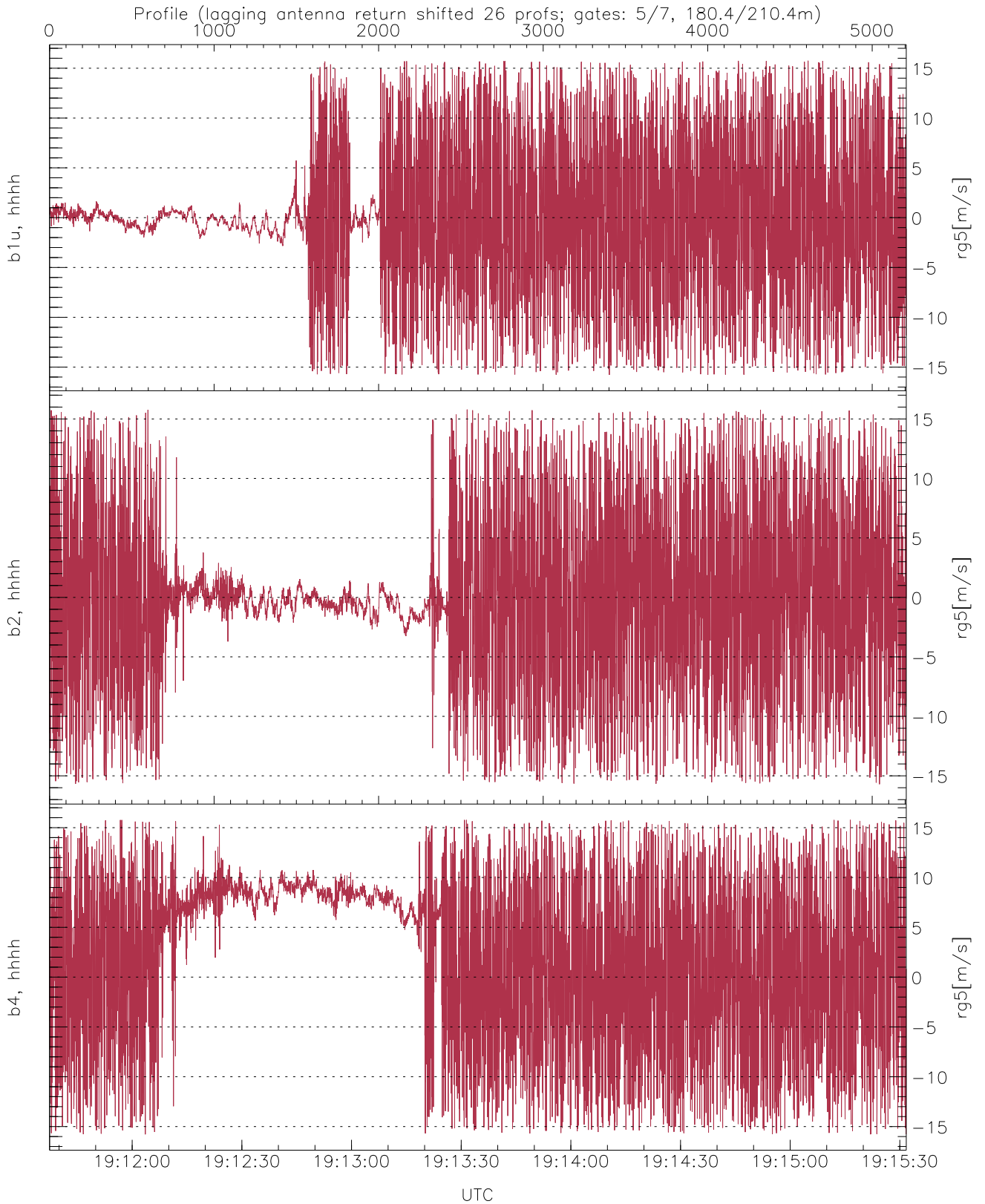
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.44	-49.00	-58.57
down(hh[dBm])	-65.95	-51.43	-61.25
down-fore(hh[dBm])	-65.97	-54.92	-62.82



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

	Min	Max	Mean
up/down (dB)	-13.98	15.19	0.76
down/down-fore (dB)	-6.54	11.24	0.96



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.75	-0.05	6.83
b2, hhhh(rg5[m/s])	-15.71	15.79	-0.22	6.71
b4, hhhh(rg5[m/s])	-15.78	15.78	2.54	8.05