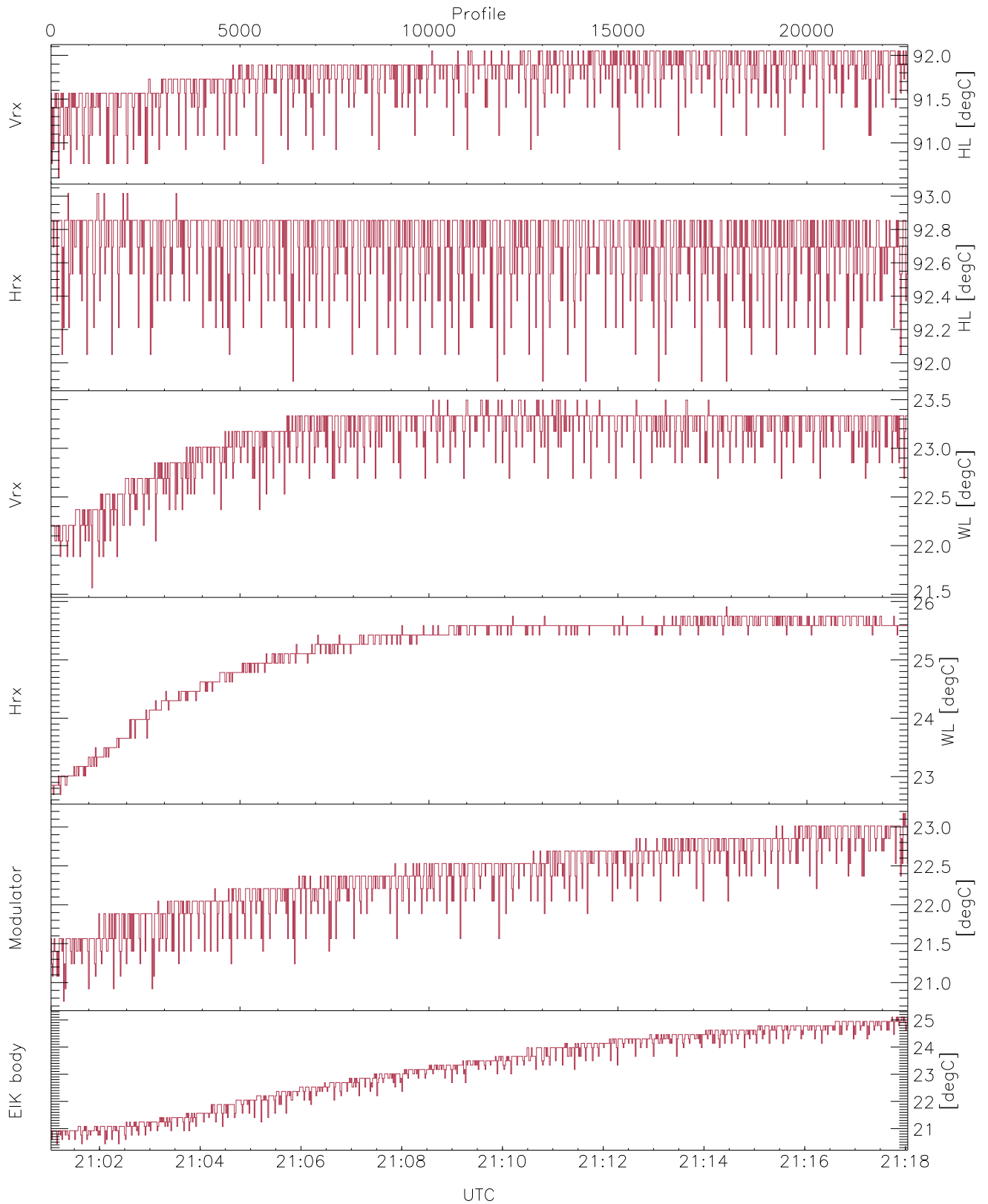


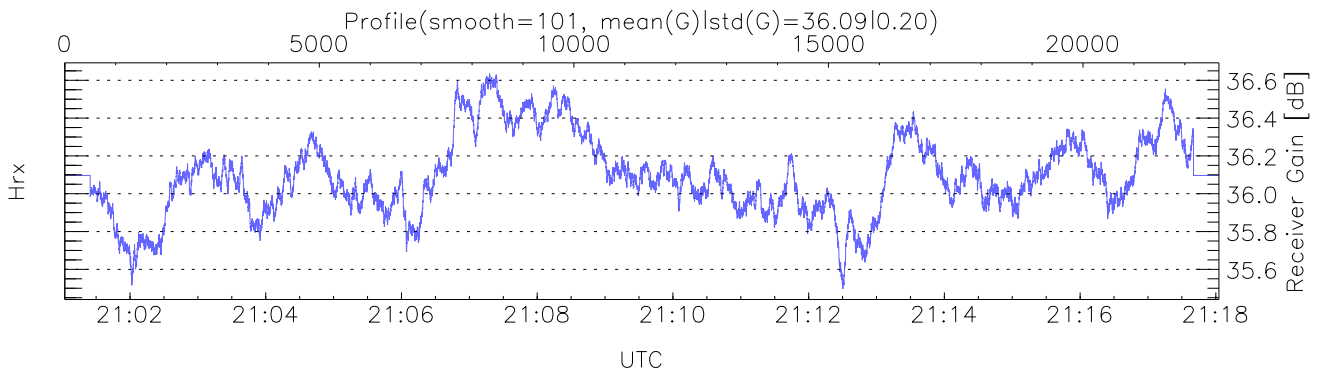
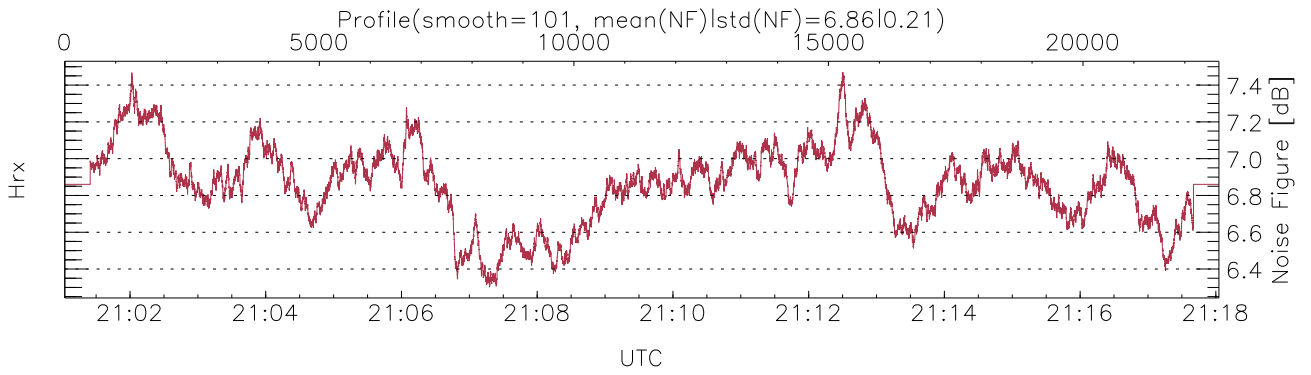
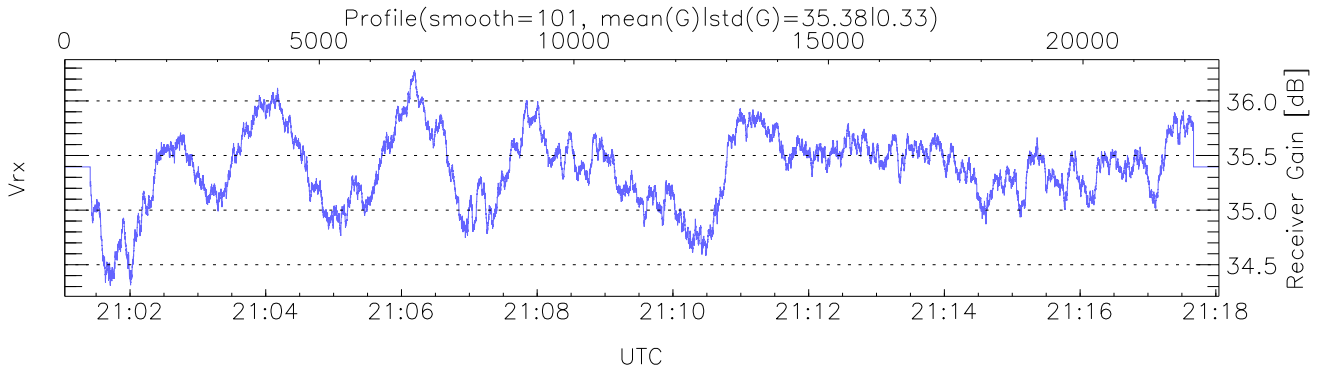
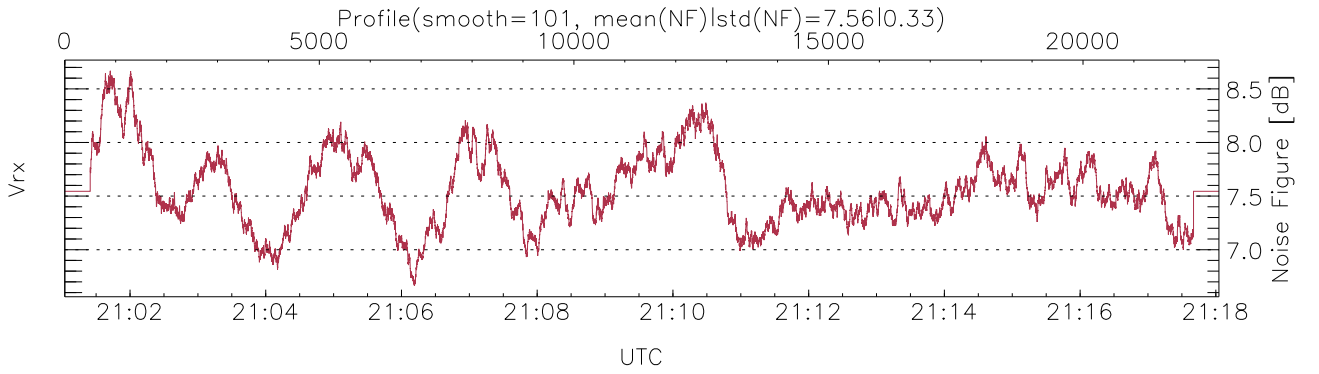
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:01:02-21:18:03, 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, 0-22671/21:01:02-21:18:03
 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 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



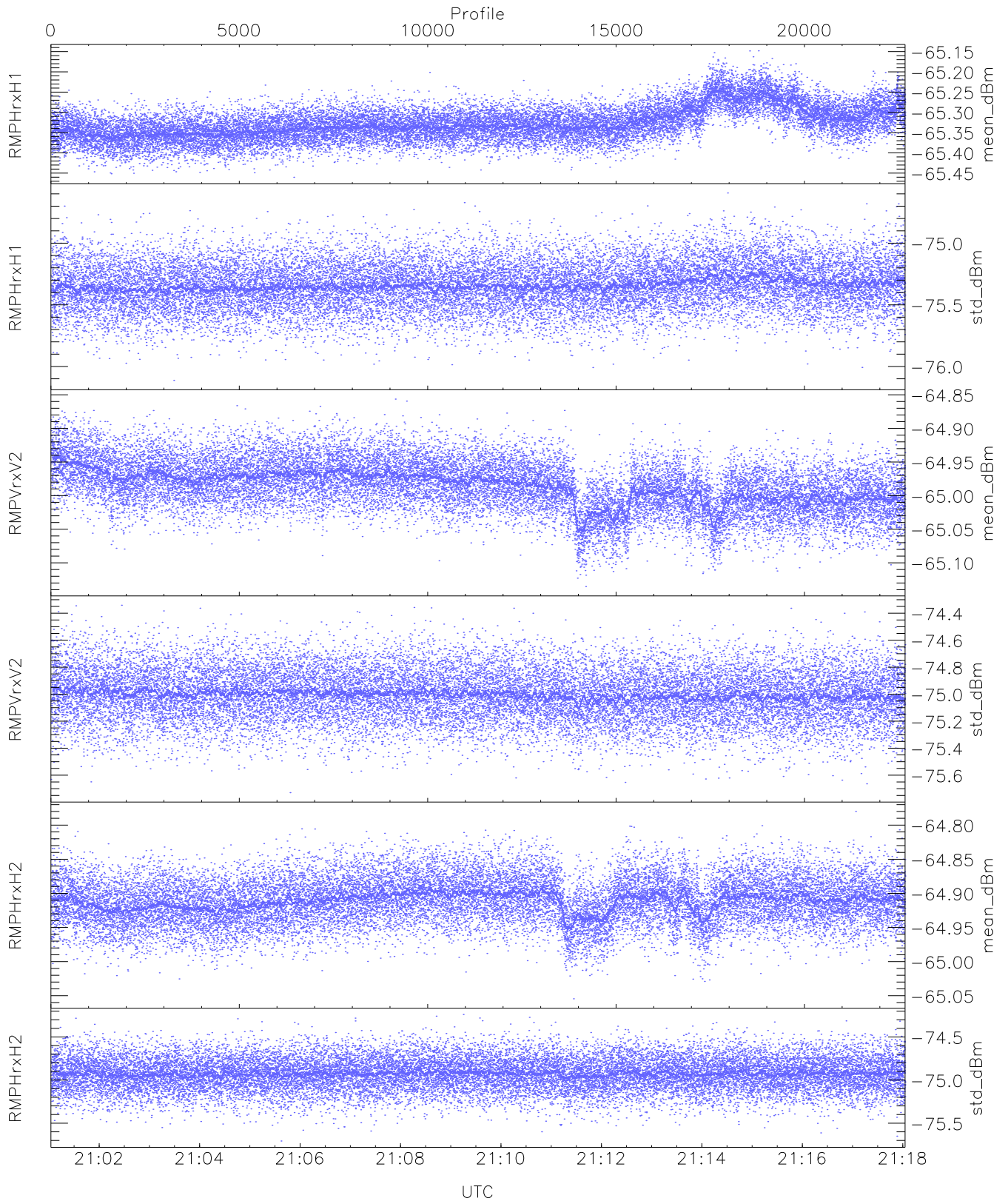
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



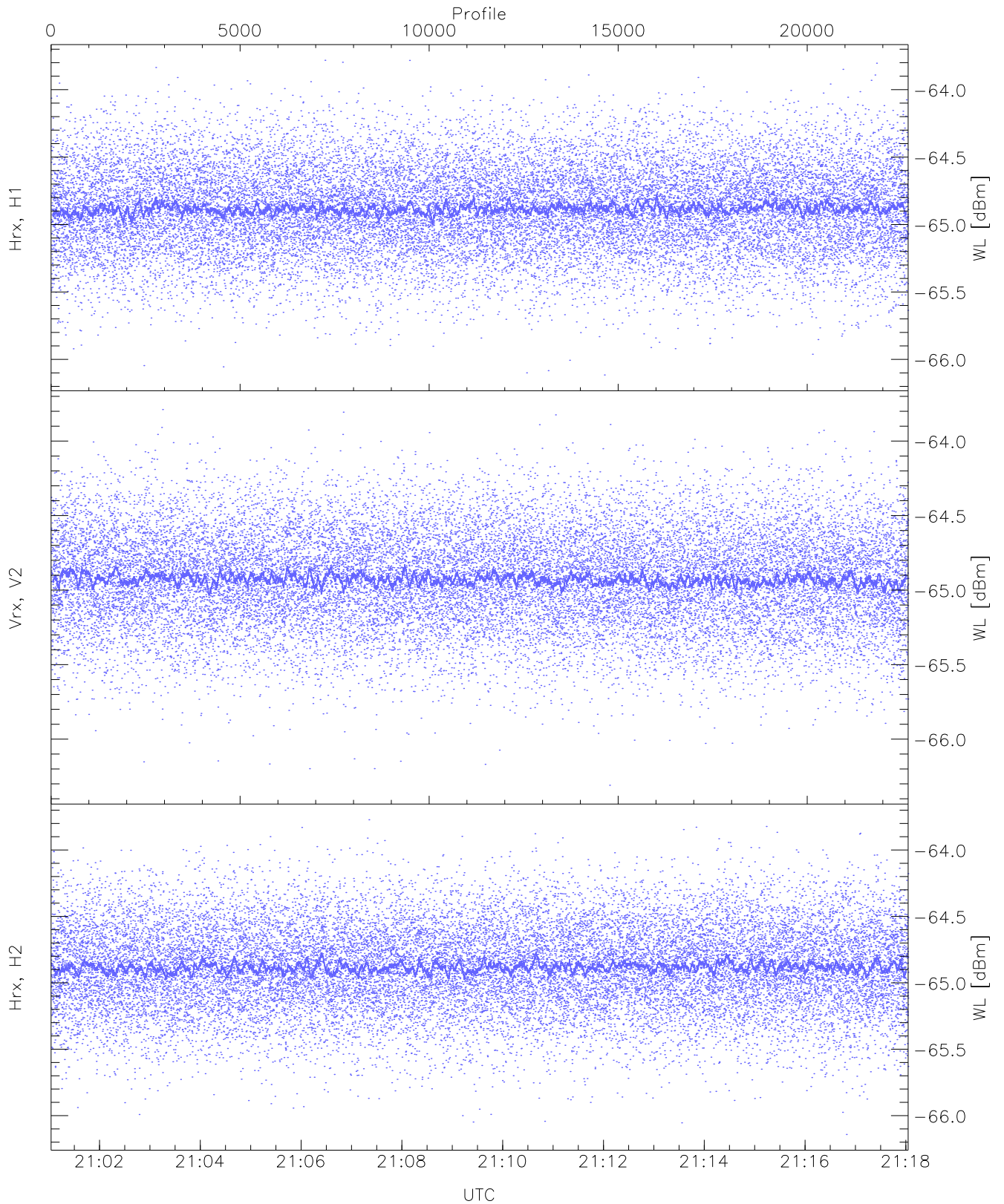
WCR3 CPP Receivers Gain and Noise Figure

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



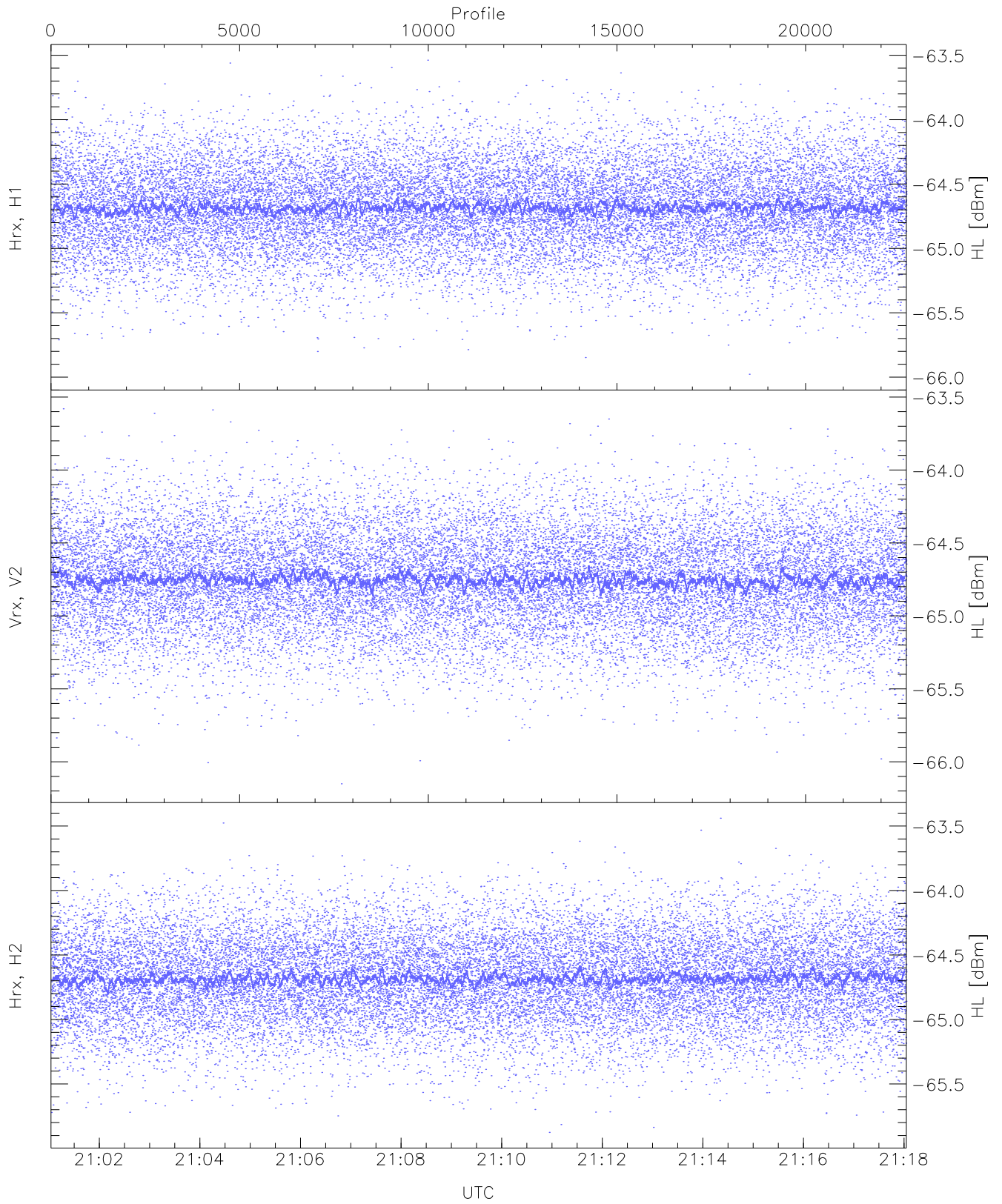
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.15	-65.33	-65.33	-85.48
RMPHrxH1(std_dBm)	-76.11	-74.59	-75.34	-75.34	-89.09
RMPVrxV2(mean_dBm)	-65.14	-64.86	-64.99	-64.99	-85.66
RMPVrxV2(std_dBm)	-75.73	-74.34	-75.00	-75.01	-88.80
RMPHrxH2(mean_dBm)	-65.05	-64.78	-64.91	-64.91	-86.20
RMPHrxH2(std_dBm)	-75.71	-74.24	-74.93	-74.93	-88.71



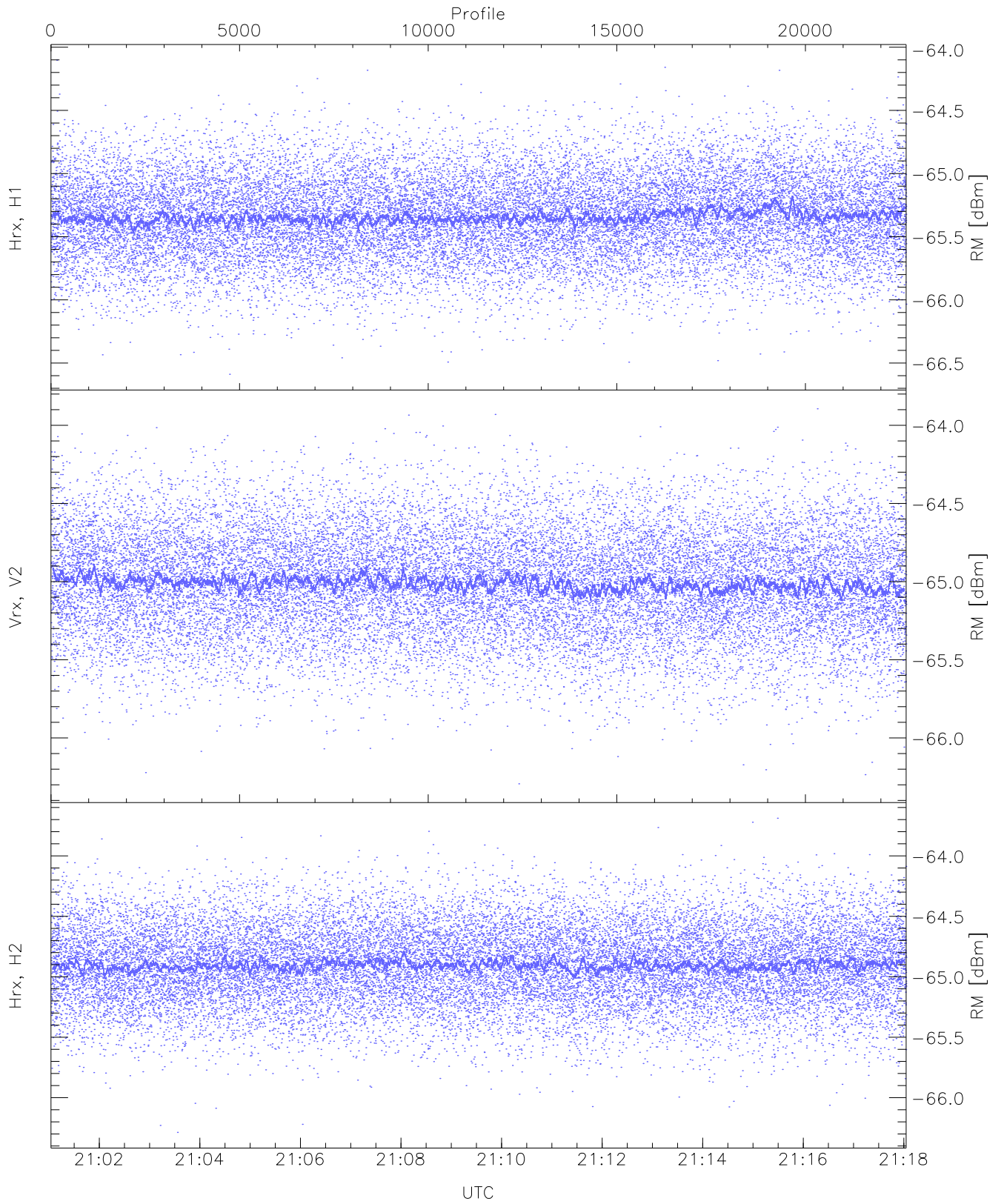
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.12	-63.78	-64.88	-64.88	-76.39
Vrx, V2 (WL [dBm])	-66.31	-63.79	-64.92	-64.93	-76.42
Hrx, H2 (WL [dBm])	-66.14	-63.77	-64.87	-64.88	-76.36



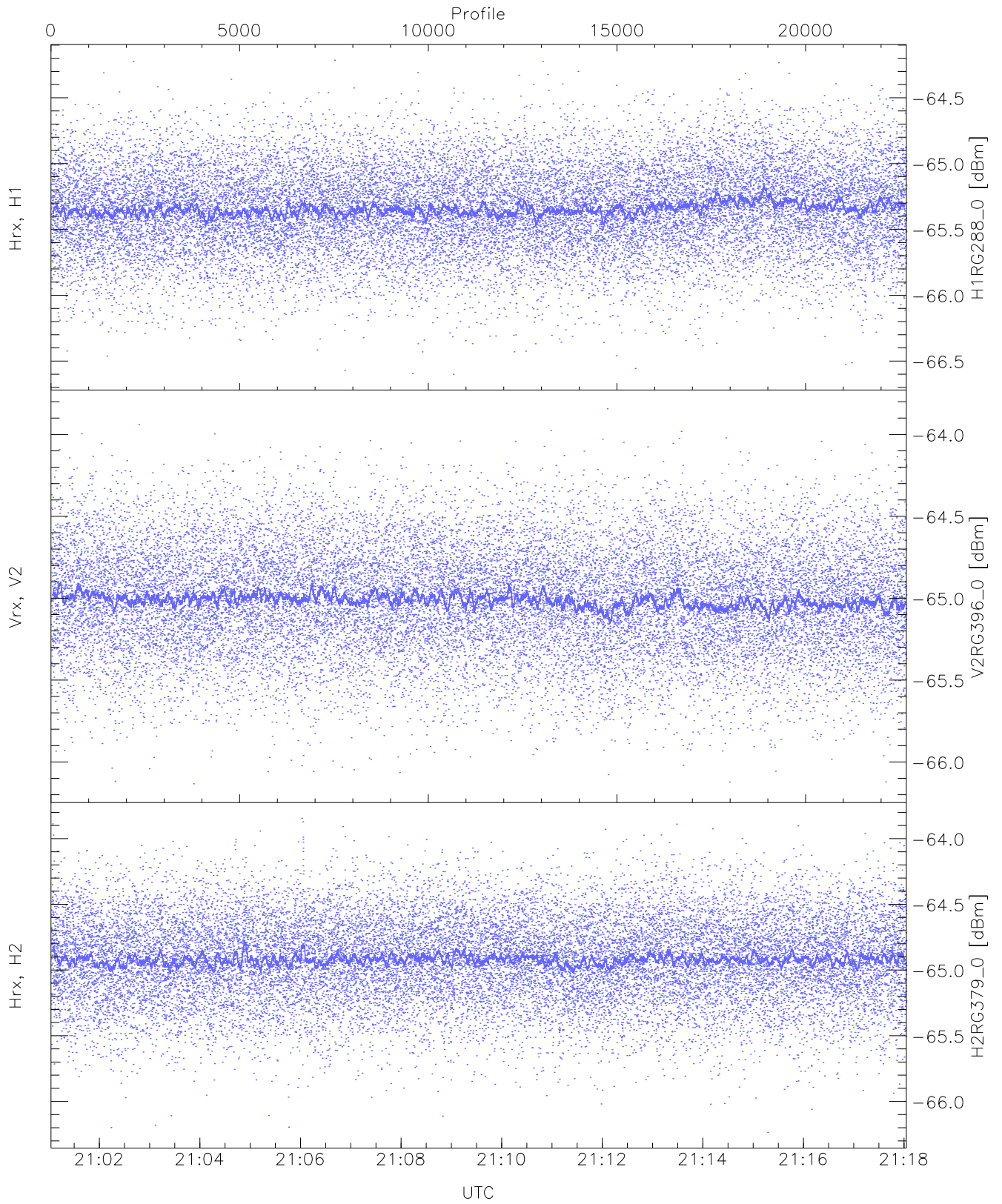
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.98	-63.54	-64.68	-64.68	-76.20
Vrx, V2 (HL [dBm])	-66.15	-63.58	-64.75	-64.76	-76.24
Hrx, H2 (HL [dBm])	-65.88	-63.44	-64.68	-64.69	-76.21



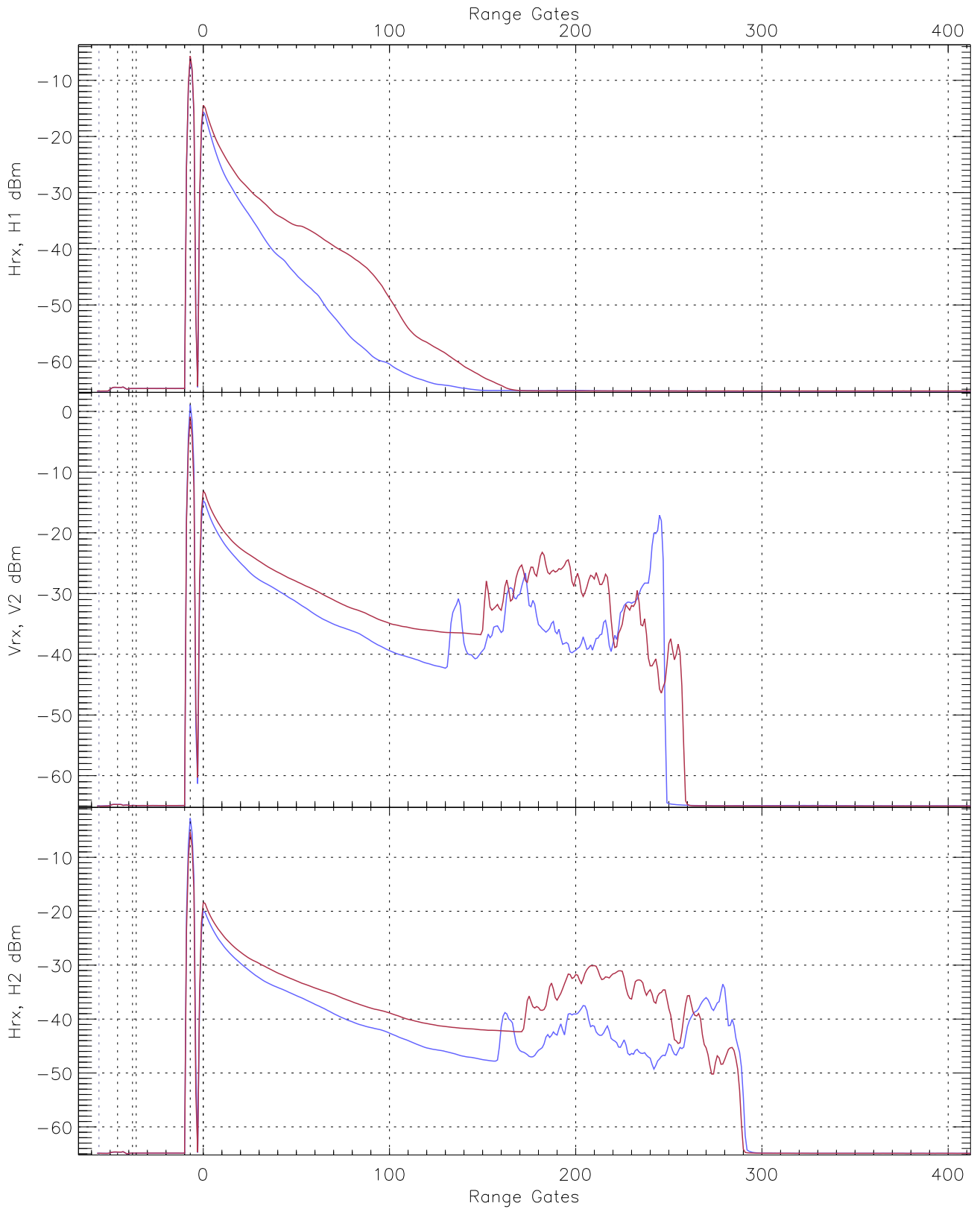
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.59	-64.10	-65.34	-65.35	-76.83
Vrx, V2 (RM [dBm])	-66.29	-63.89	-65.00	-65.01	-76.49
Hrx, H2 (RM [dBm])	-66.29	-63.69	-64.90	-64.91	-76.43

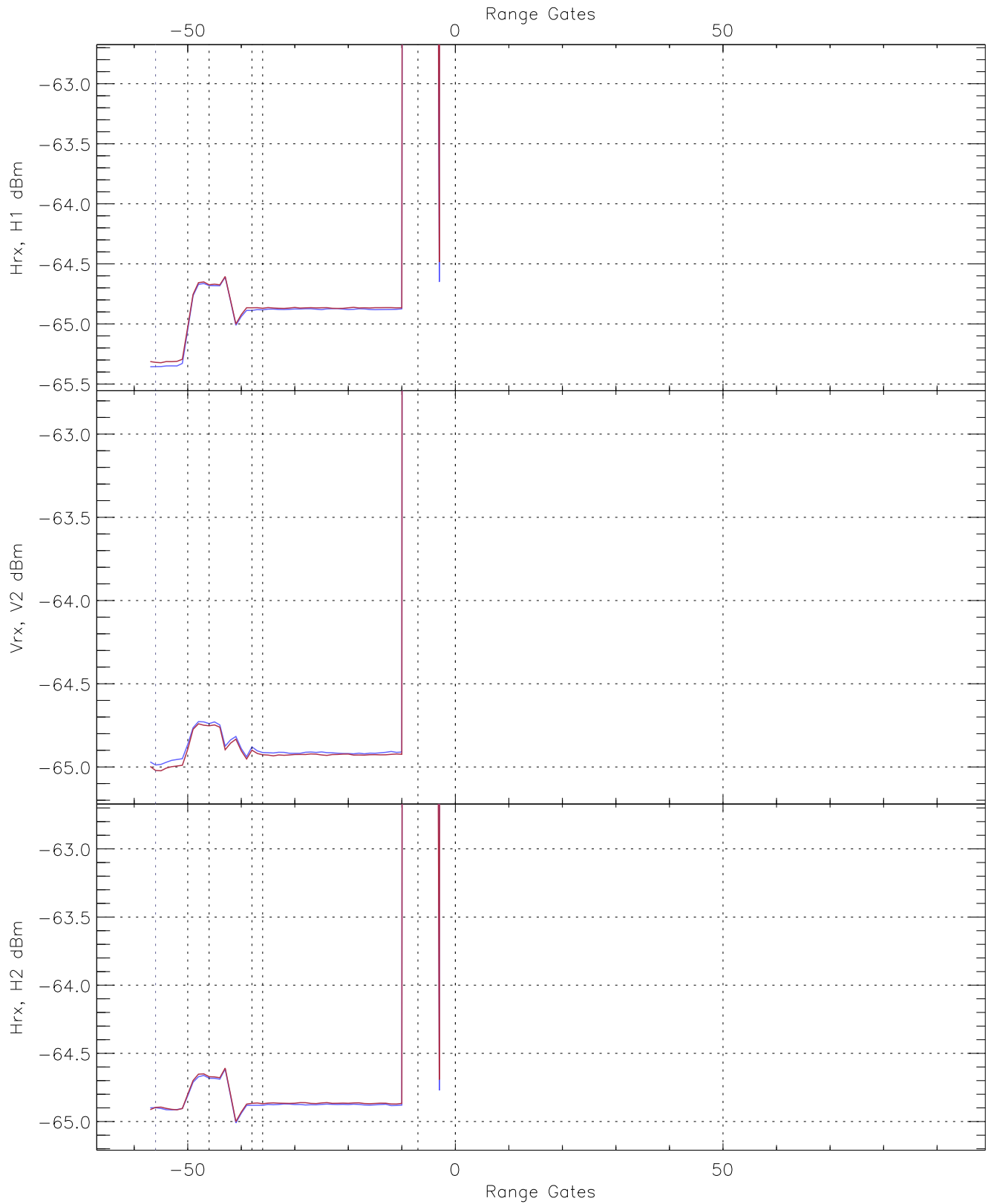


WCR3 CPP "Best" estimate Receivers Noise Power

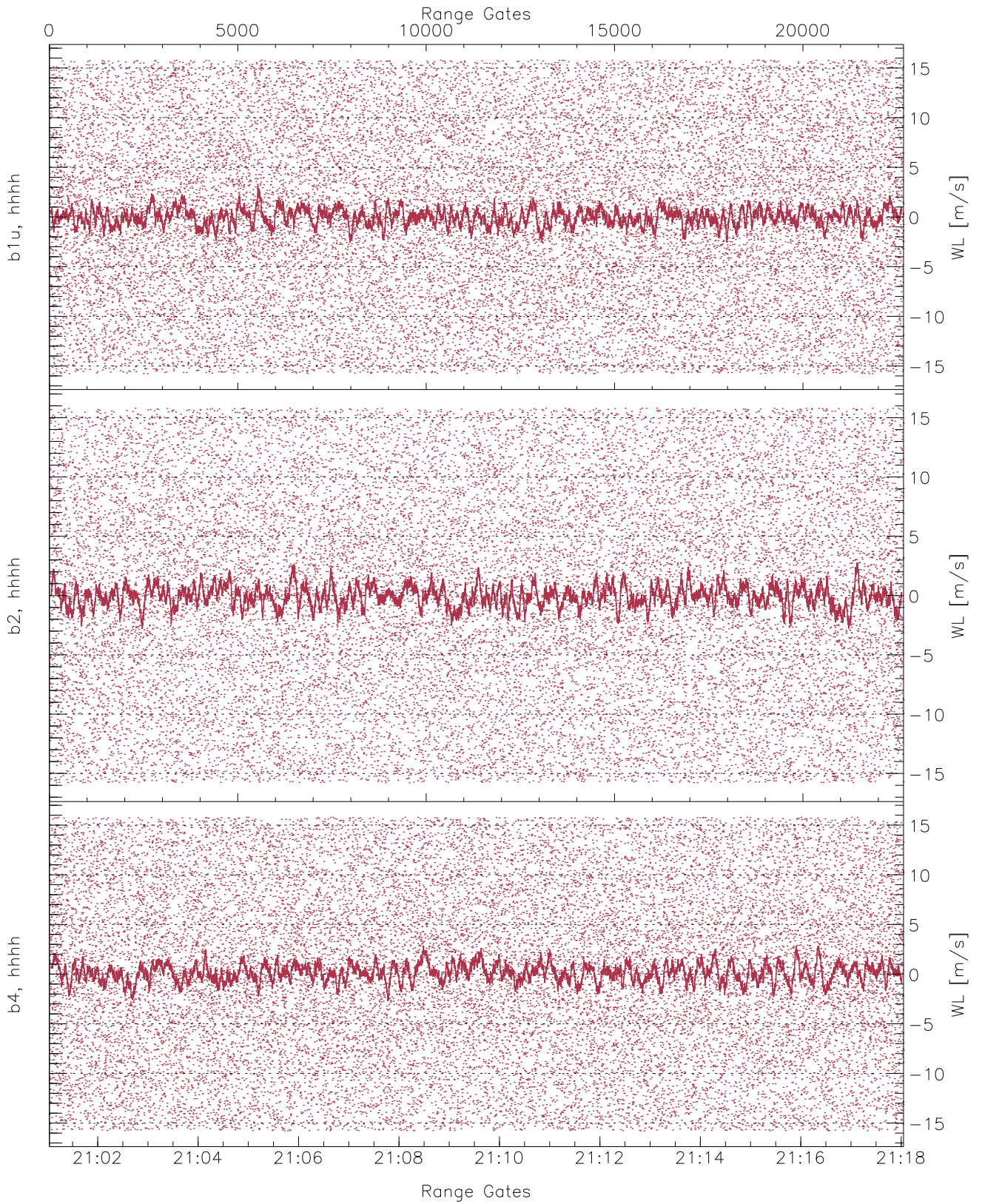
	Min	Max	Mean	Median	StDev
H1RG288_0 [dBm]	-66.60	-64.21	-65.34	-65.34	-76.82
V2RG396_0 [dBm]	-66.13	-63.84	-65.00	-65.01	-76.49
H2RG379_0 [dBm]	-66.24	-63.85	-64.91	-64.92	-76.40



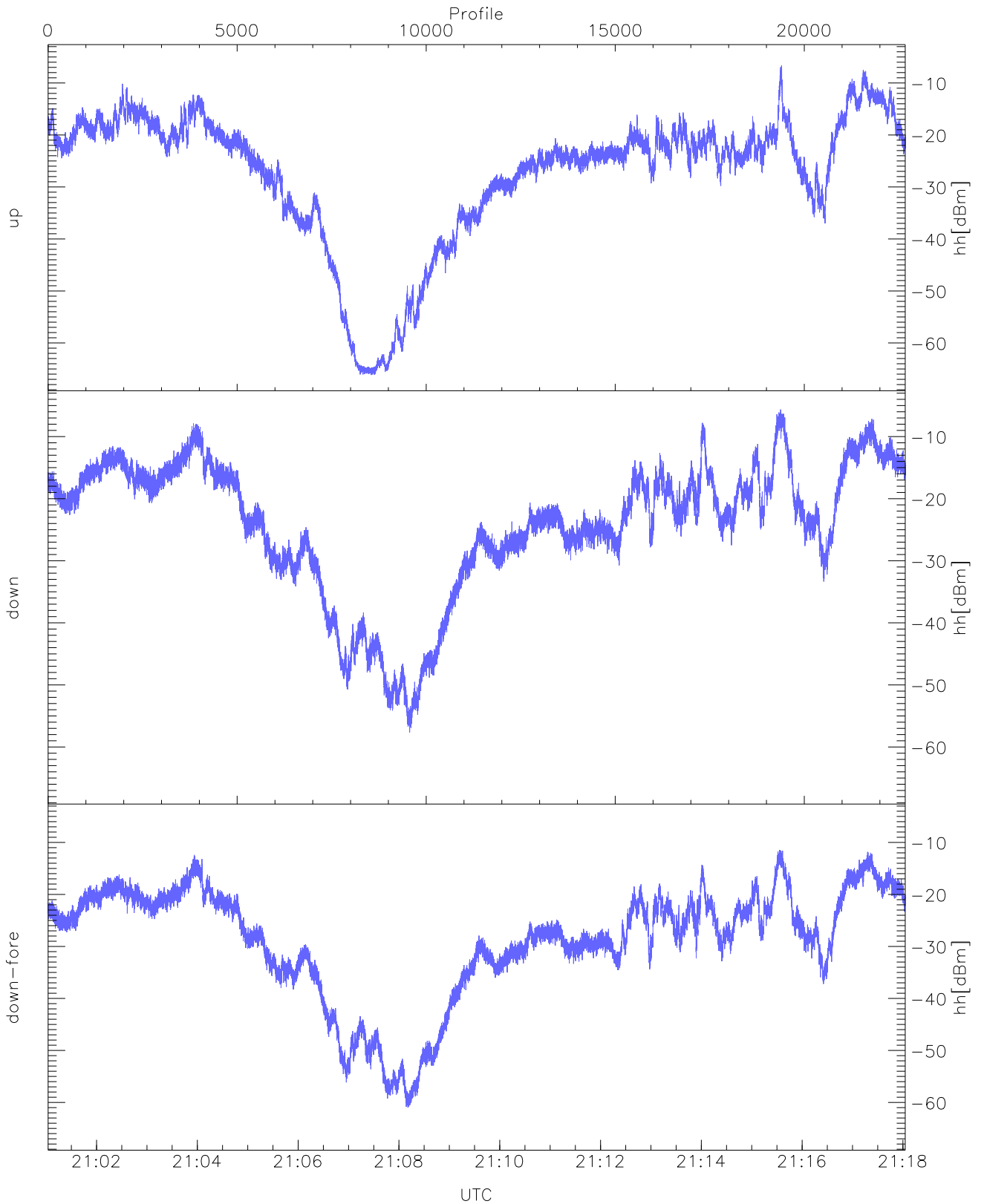
WCR3 CPP Averaged Received power for all recorded gates
blue: 210102-210933, 11337 profiles averaged
red: 210933-211803, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 210102-210933, 11337 profiles averaged
red: 210933-211803, 11336 profiles averaged

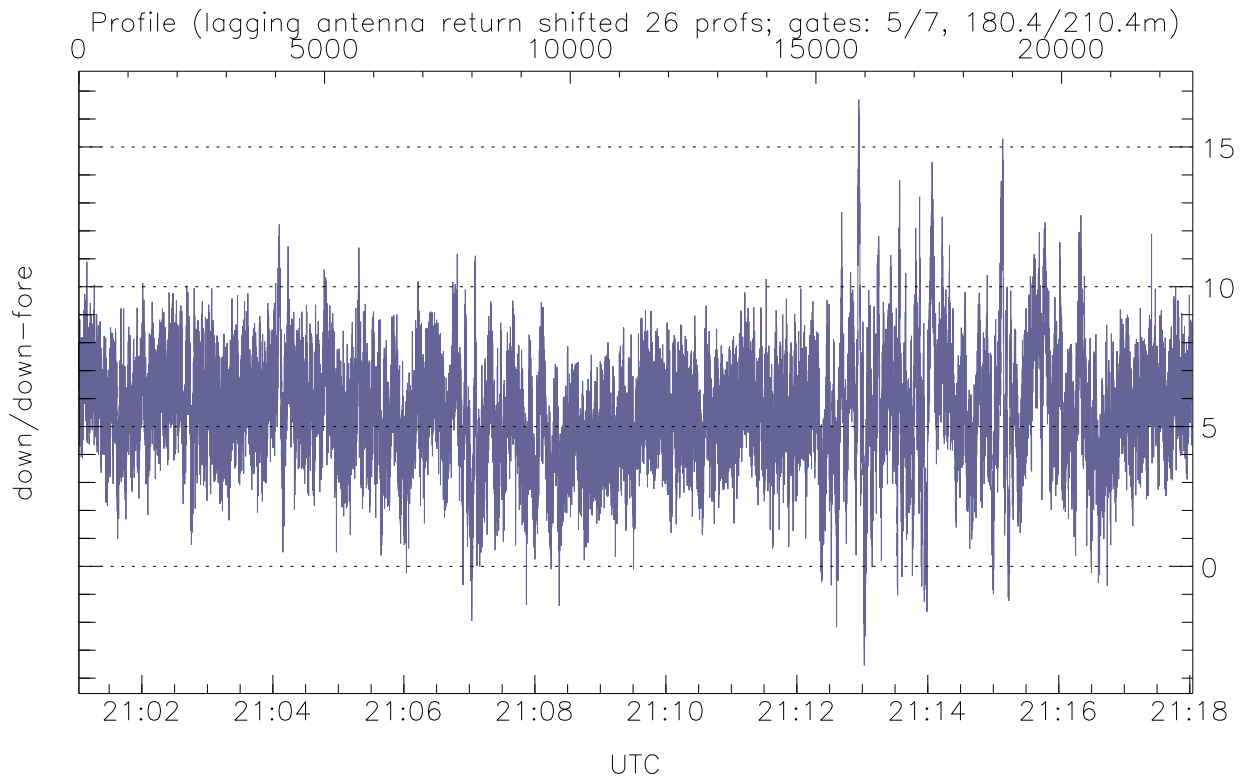
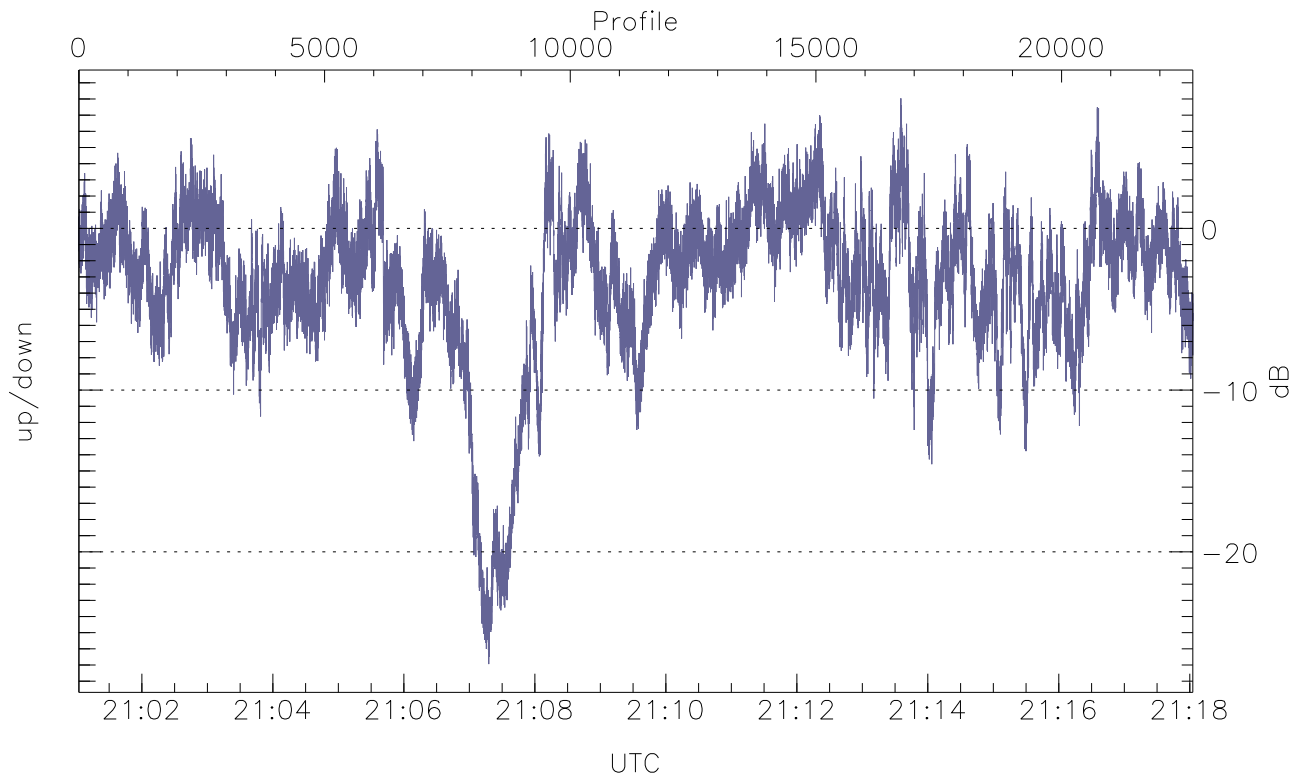


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



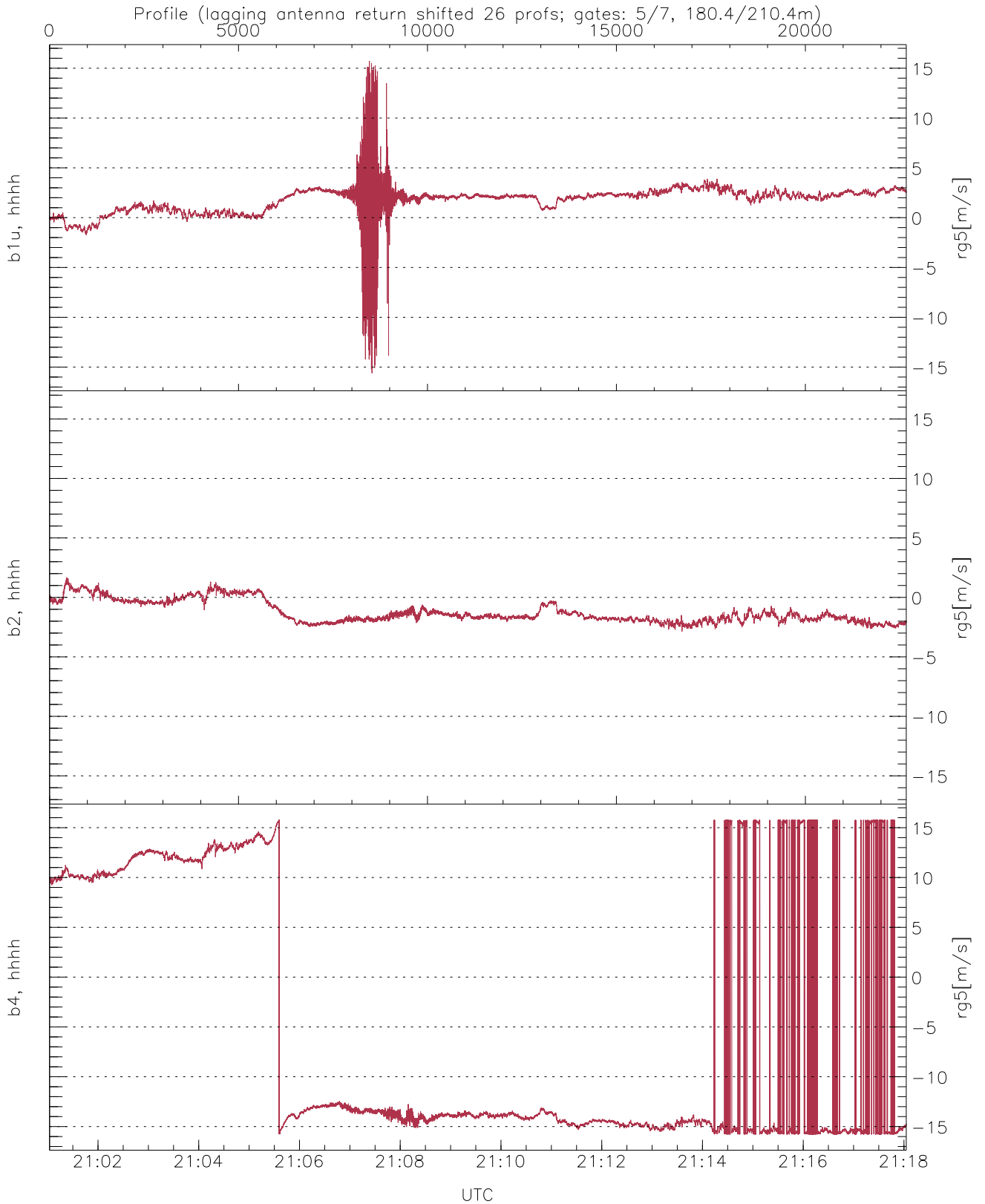
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.16	-6.61	-19.87
down(hh[dBm])	-57.66	-5.64	-17.44
down-fore(hh[dBm])	-61.00	-11.49	-22.39



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

	Min	Max	Mean
up/down (dB)	-26.94	8.04	-3.33
down/down-fore (dB)	-3.54	16.70	5.56



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.60	15.72	1.76	1.46
b2, hhhh(rg5[m/s])	-2.86	1.67	-1.25	0.92
b4, hhhh(rg5[m/s])	-15.79	15.79	-5.42	12.82