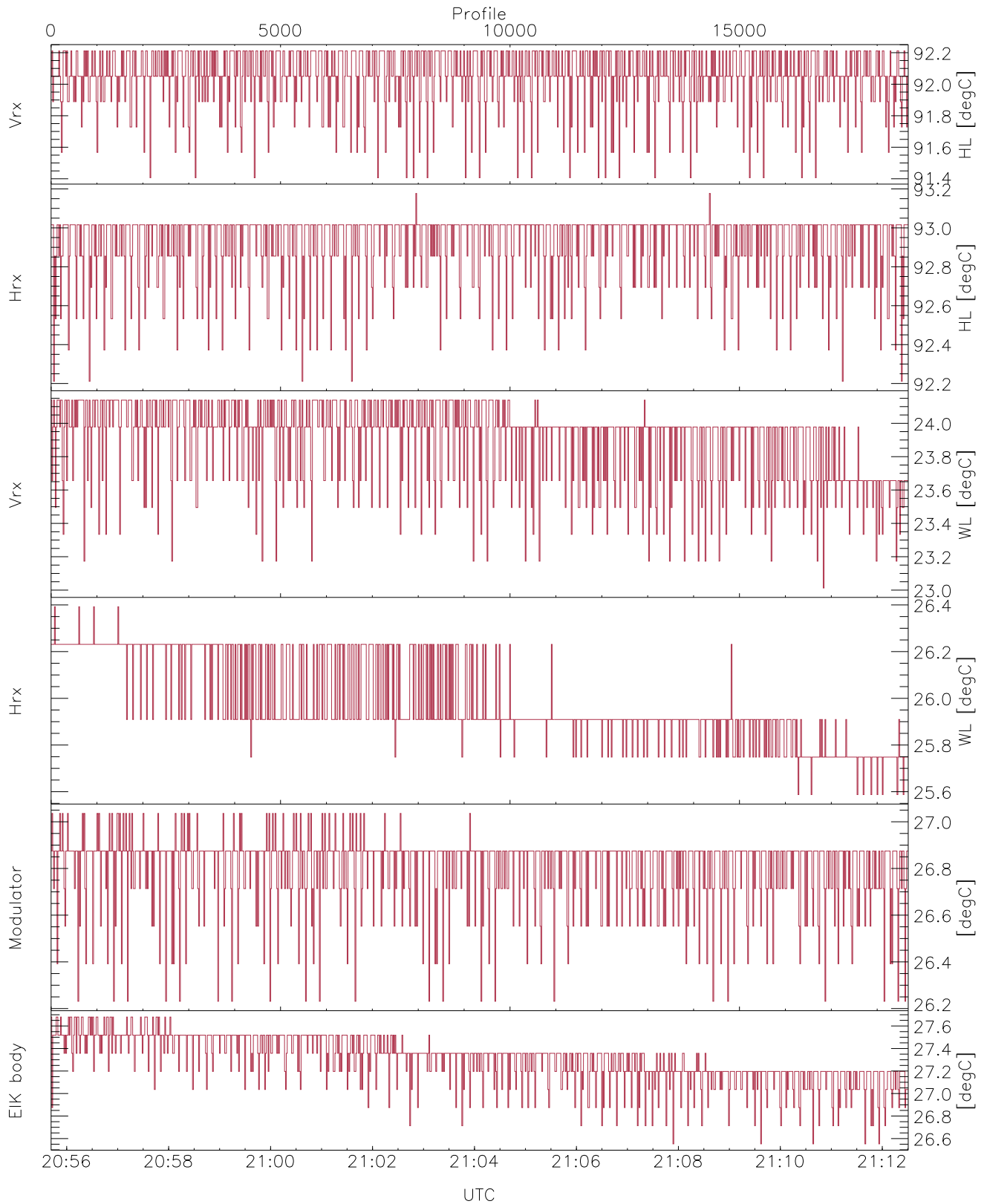


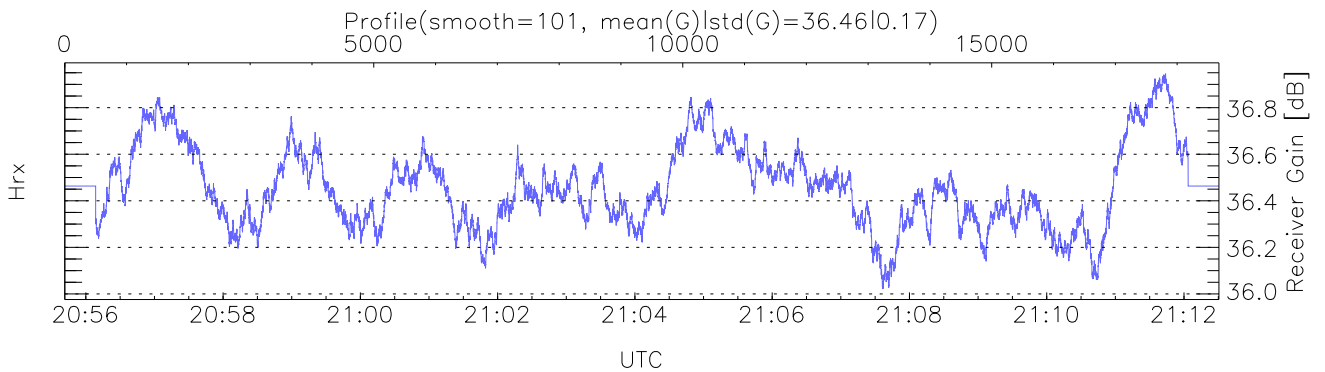
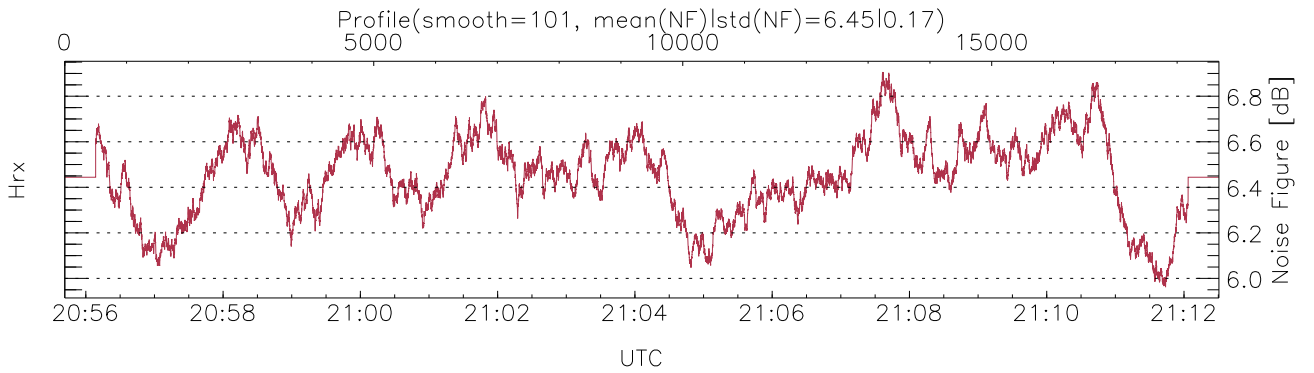
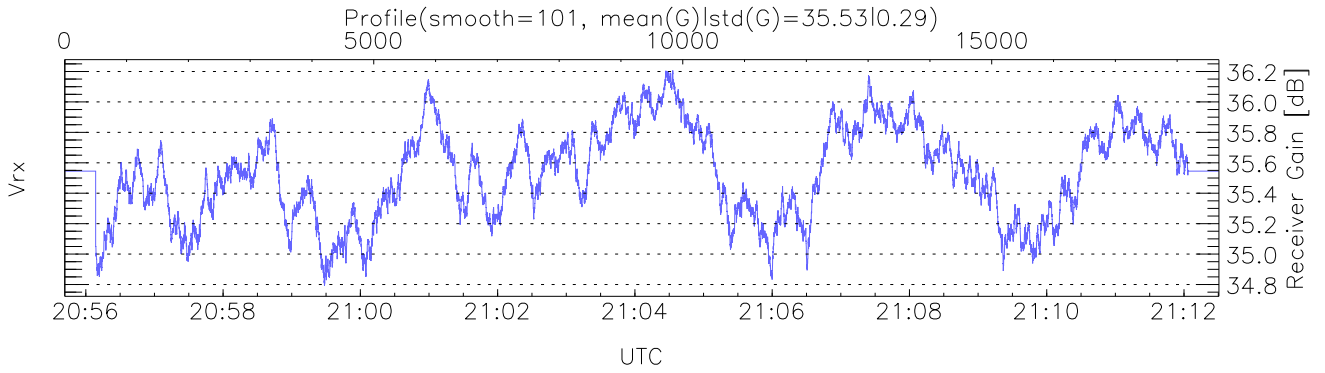
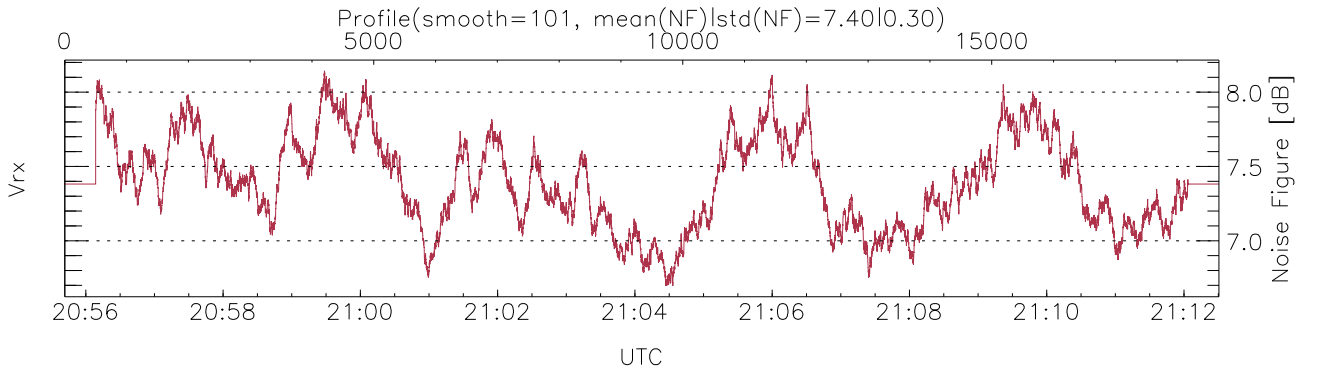
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:55:42-21:12:31, TimeCor: 0.00s, Dur: 1008.98s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 18.5,18.5,18.5
 NumRec(r/t): 18678/18678, 0-18677/20:55:42-21:12:31
 AcqTime: 54.0ms, Rate: 0.493MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
 PRF: 16.7 16.7 16.7 16.7 16.7 16.7 16.7 16.7 KHz, IGS: 60us
 Range(min,max,rqs): 105, 7789, 15.0 m, Gates: 513, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



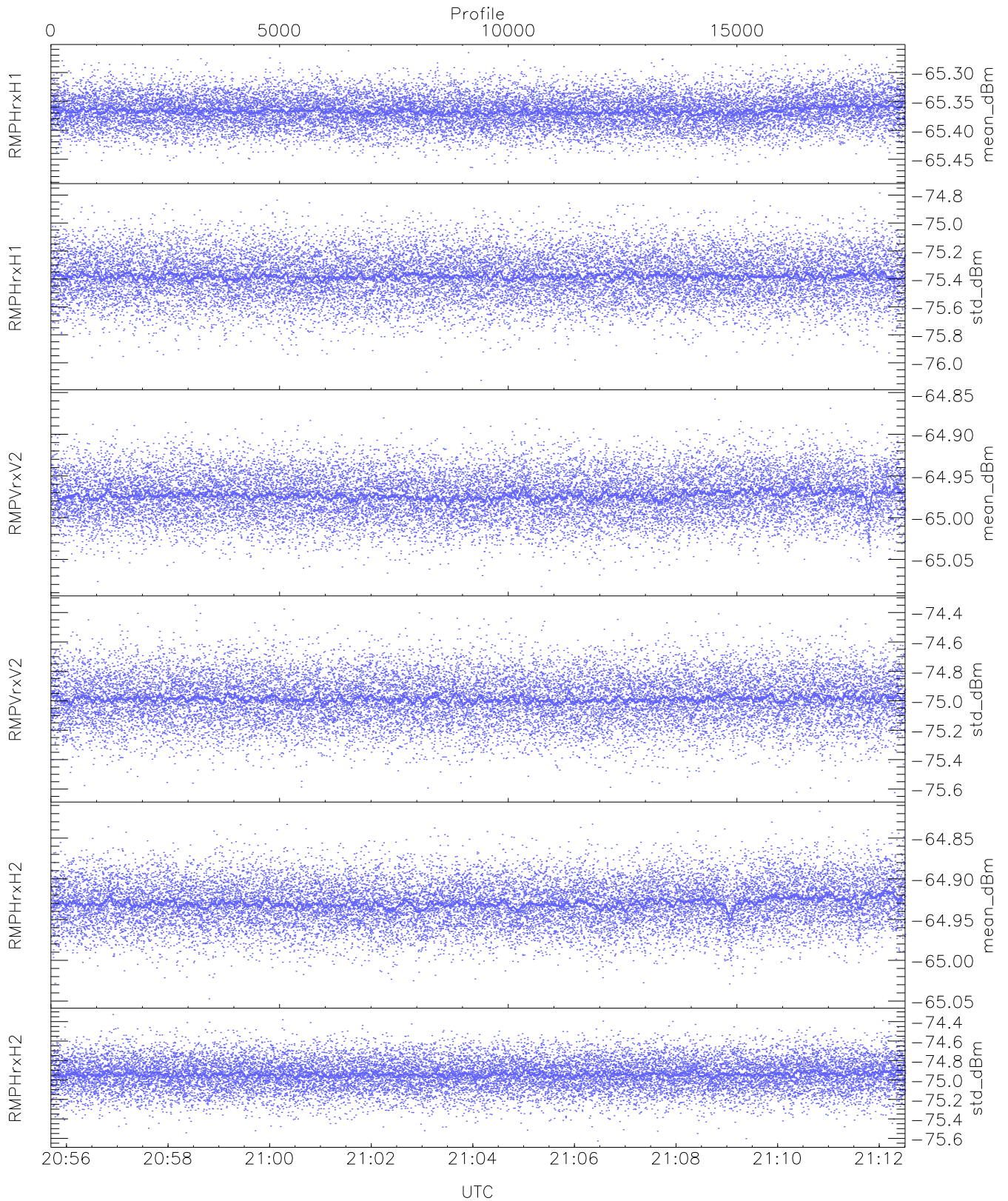
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,26,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,27,27
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



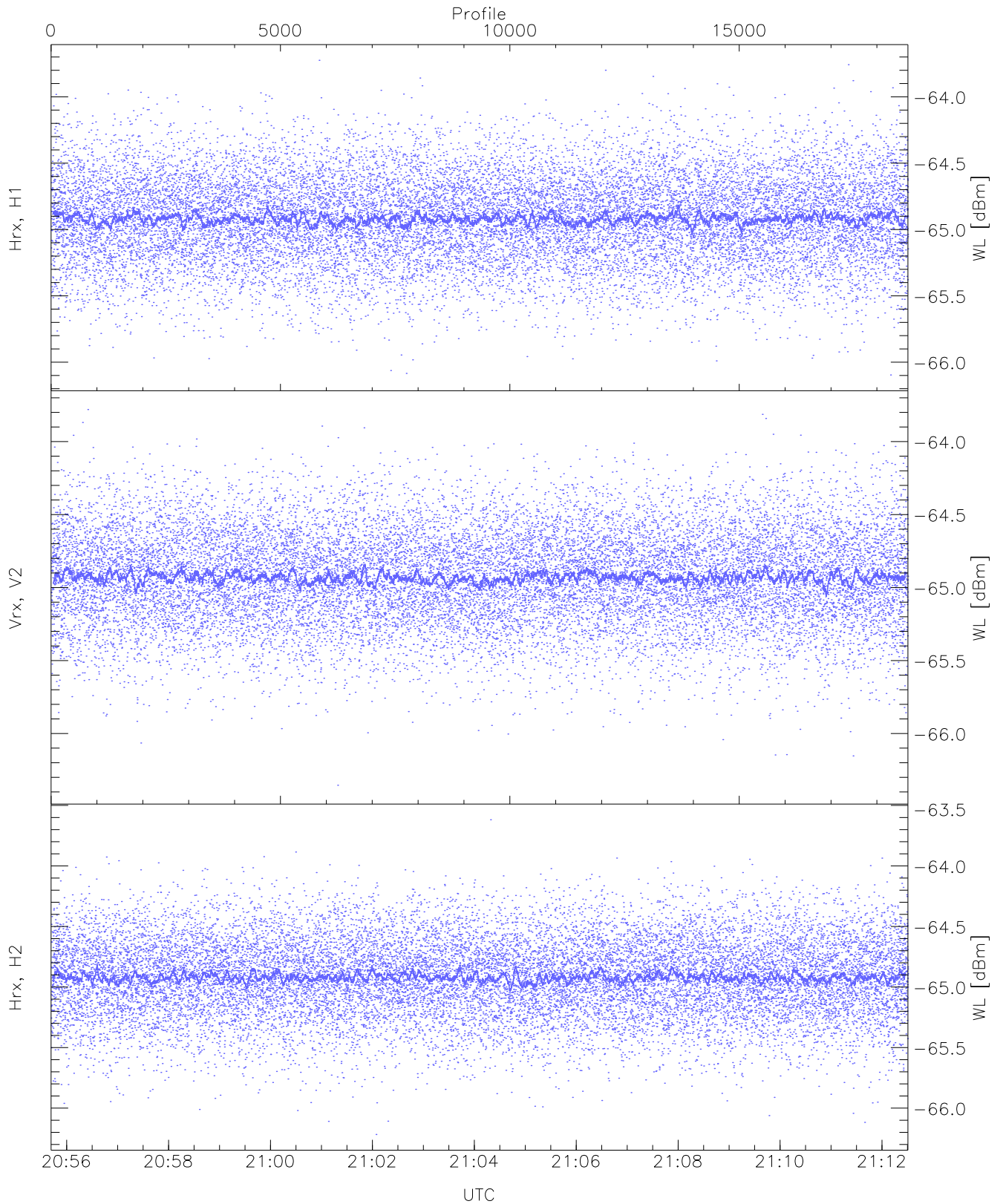
WCR3 CPP Receivers Gain and Noise Figure

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



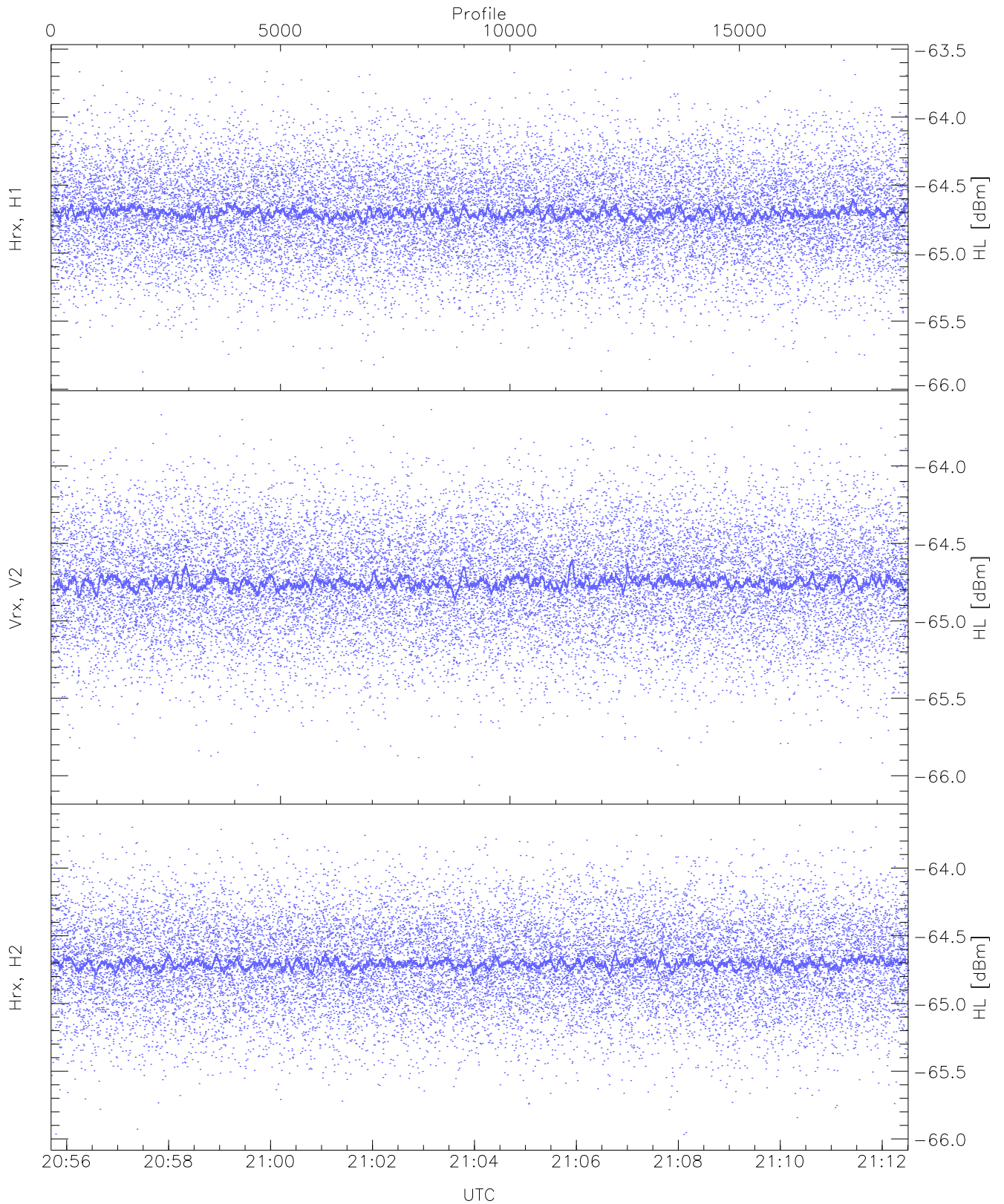
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.26	-65.37	-65.37	-87.39
RMPHrxH1(std_dBm)	-76.13	-74.79	-75.38	-75.38	-89.65
RMPVrxV2(mean_dBm)	-65.08	-64.86	-64.97	-64.97	-87.04
RMPVrxV2(std_dBm)	-75.62	-74.35	-74.99	-74.99	-89.27
RMPHrxH2(mean_dBm)	-65.05	-64.82	-64.93	-64.93	-86.97
RMPHrxH2(std_dBm)	-75.63	-74.33	-74.94	-74.94	-89.23



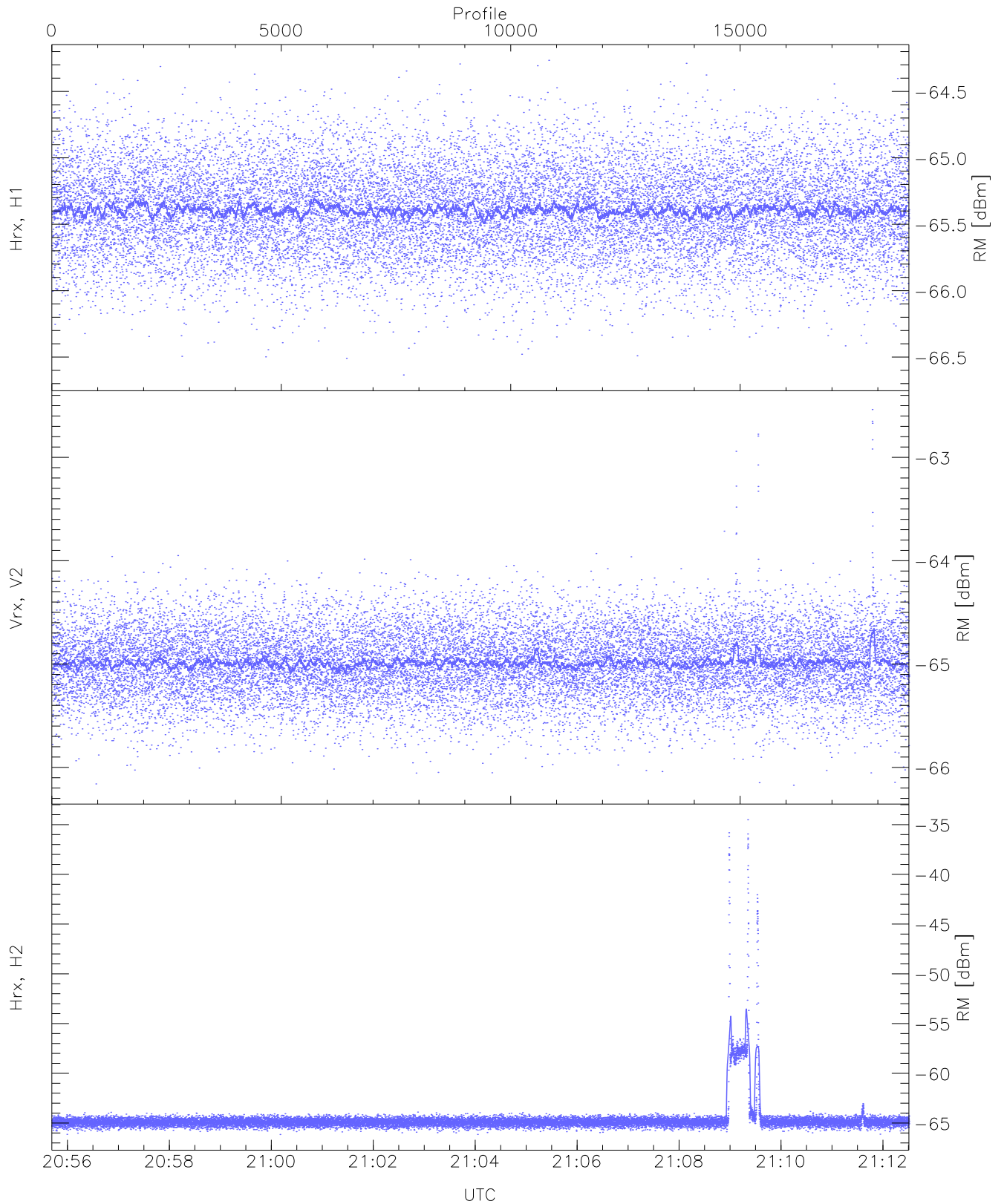
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.10	-63.72	-64.91	-64.92	-76.39
Vrx, V2 (WL [dBm])	-66.35	-63.78	-64.92	-64.93	-76.46
Hrx, H2 (WL [dBm])	-66.22	-63.62	-64.91	-64.92	-76.41



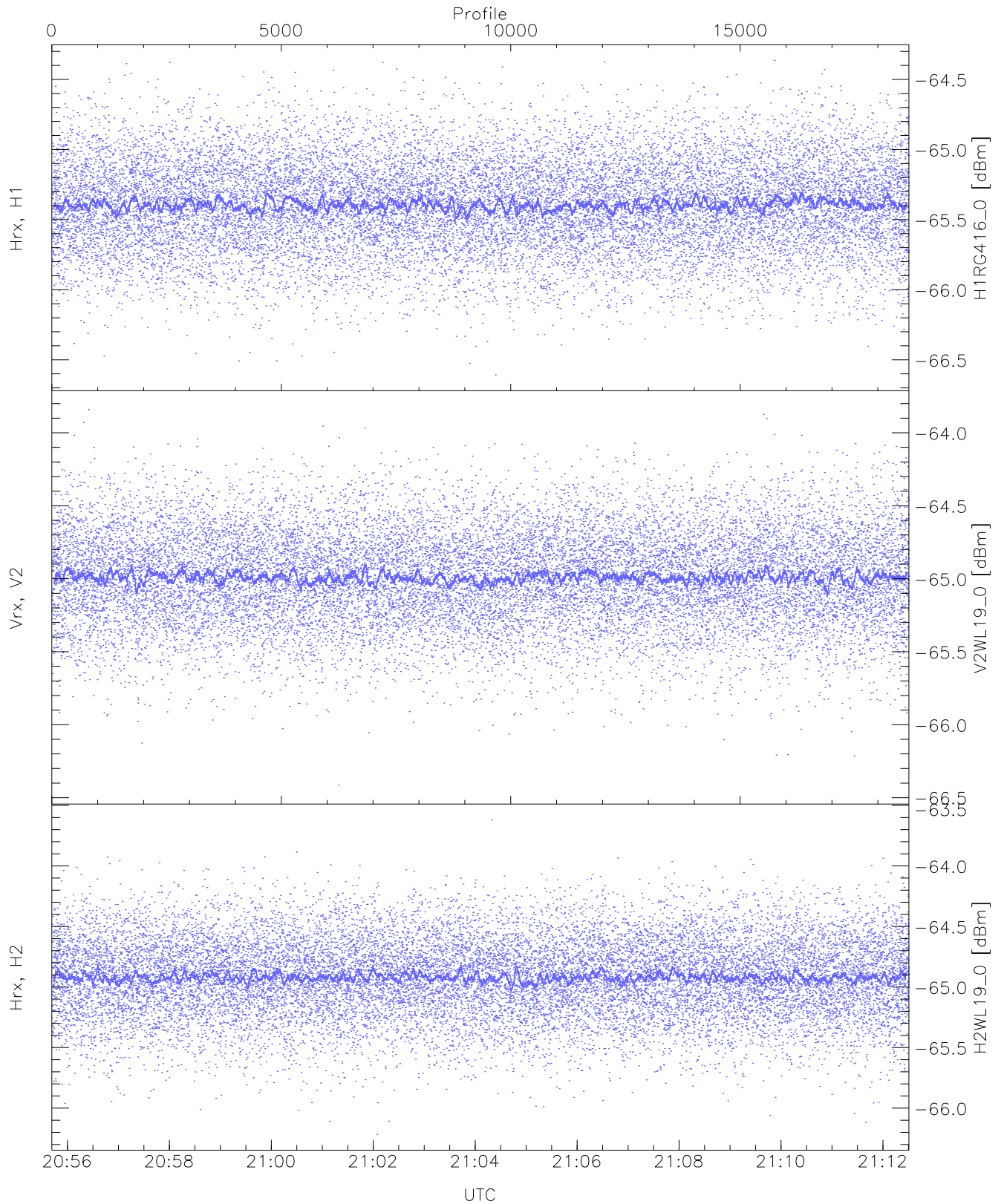
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.90	-63.58	-64.70	-64.71	-76.21
Vrx, V2 (HL [dBm])	-66.06	-63.64	-64.75	-64.75	-76.22
Hrx, H2 (HL [dBm])	-65.97	-63.64	-64.70	-64.71	-76.22



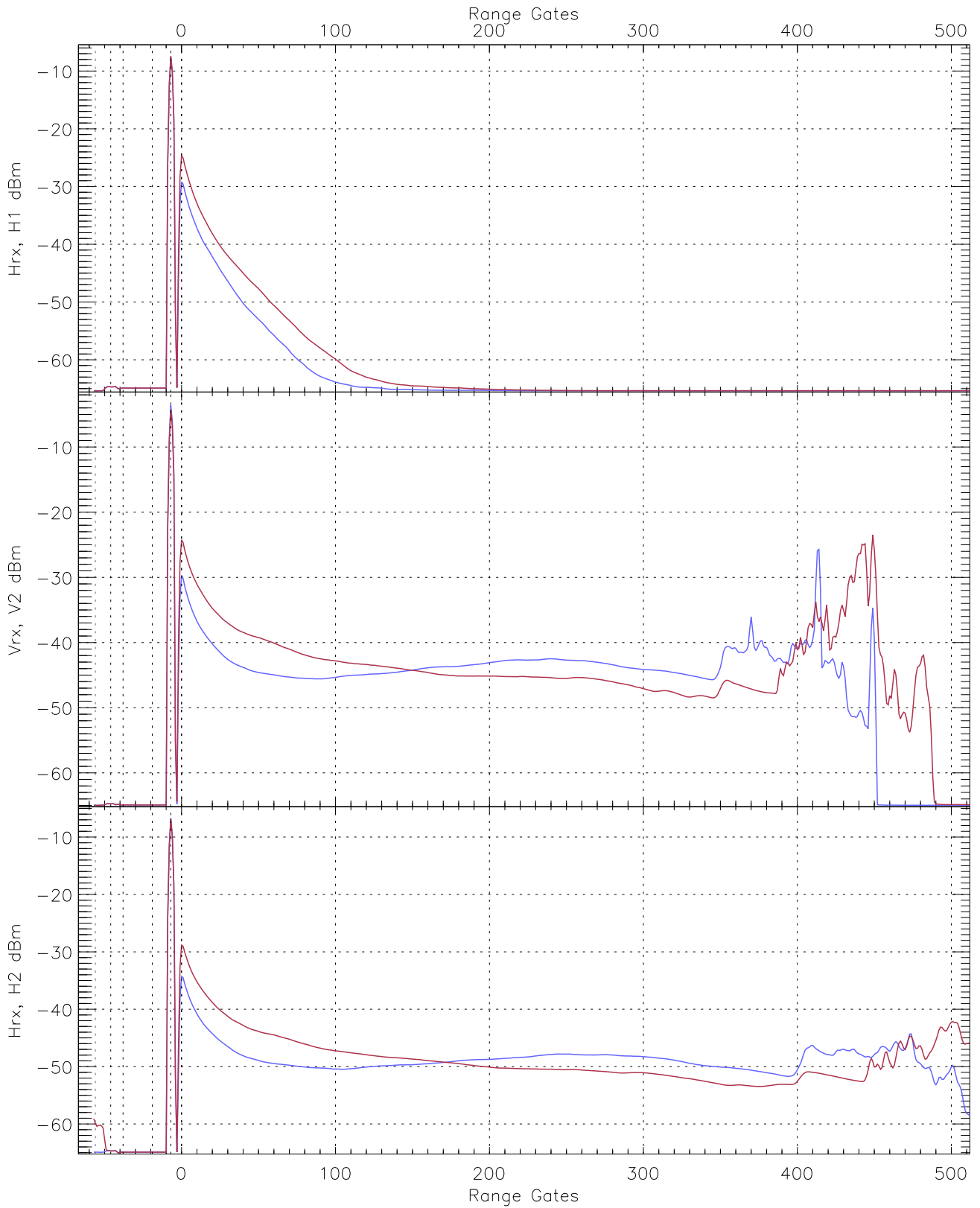
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.63	-64.27	-65.39	-65.39	-76.85
Vrx, V2 (RM [dBm])	-66.17	-62.54	-64.98	-64.99	-76.38
Hrx, H2 (RM [dBm])	-66.15	-34.51	-61.75	-64.89	-51.62

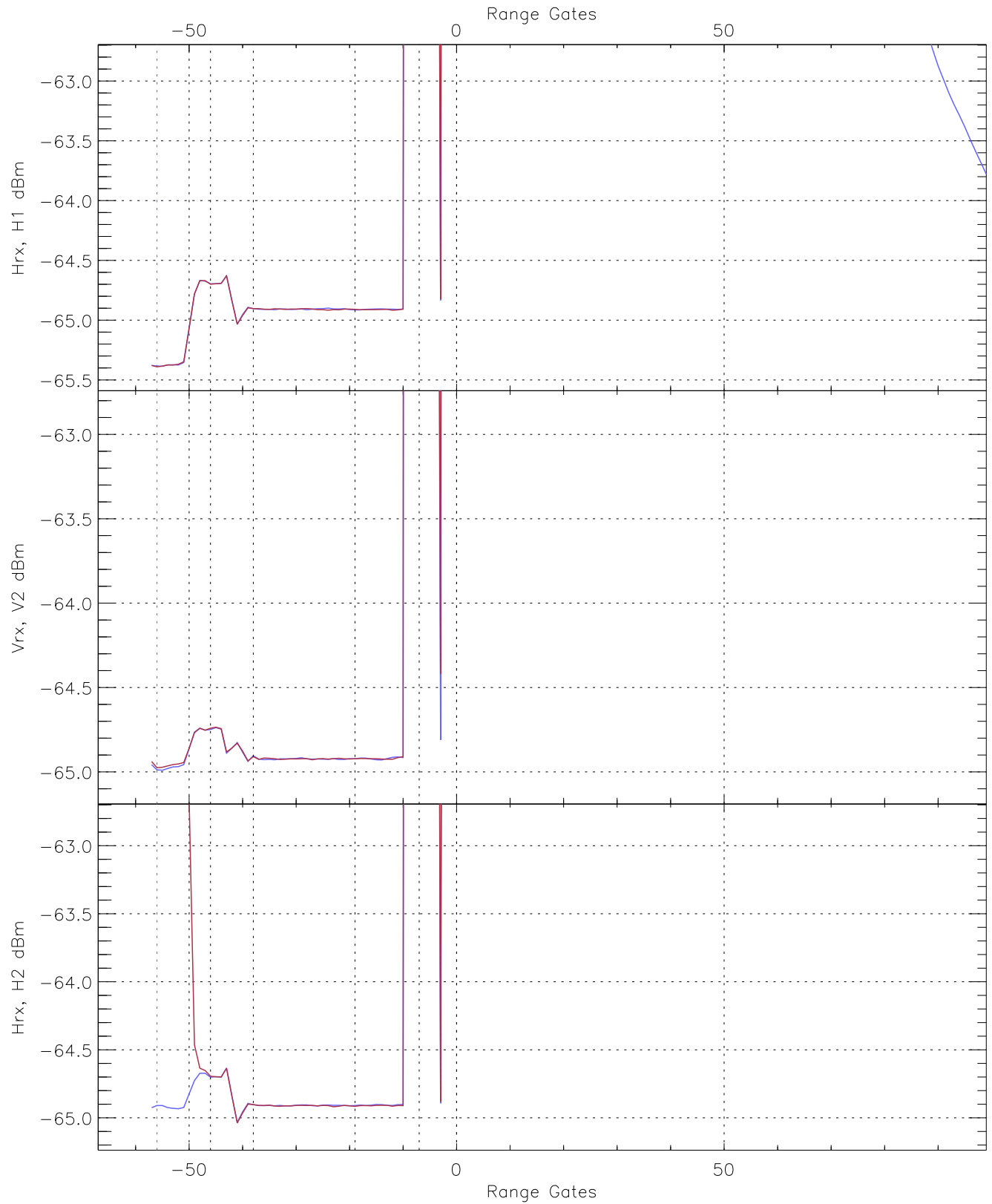


WCR3 CPP "Best" estimate Receivers Noise Power

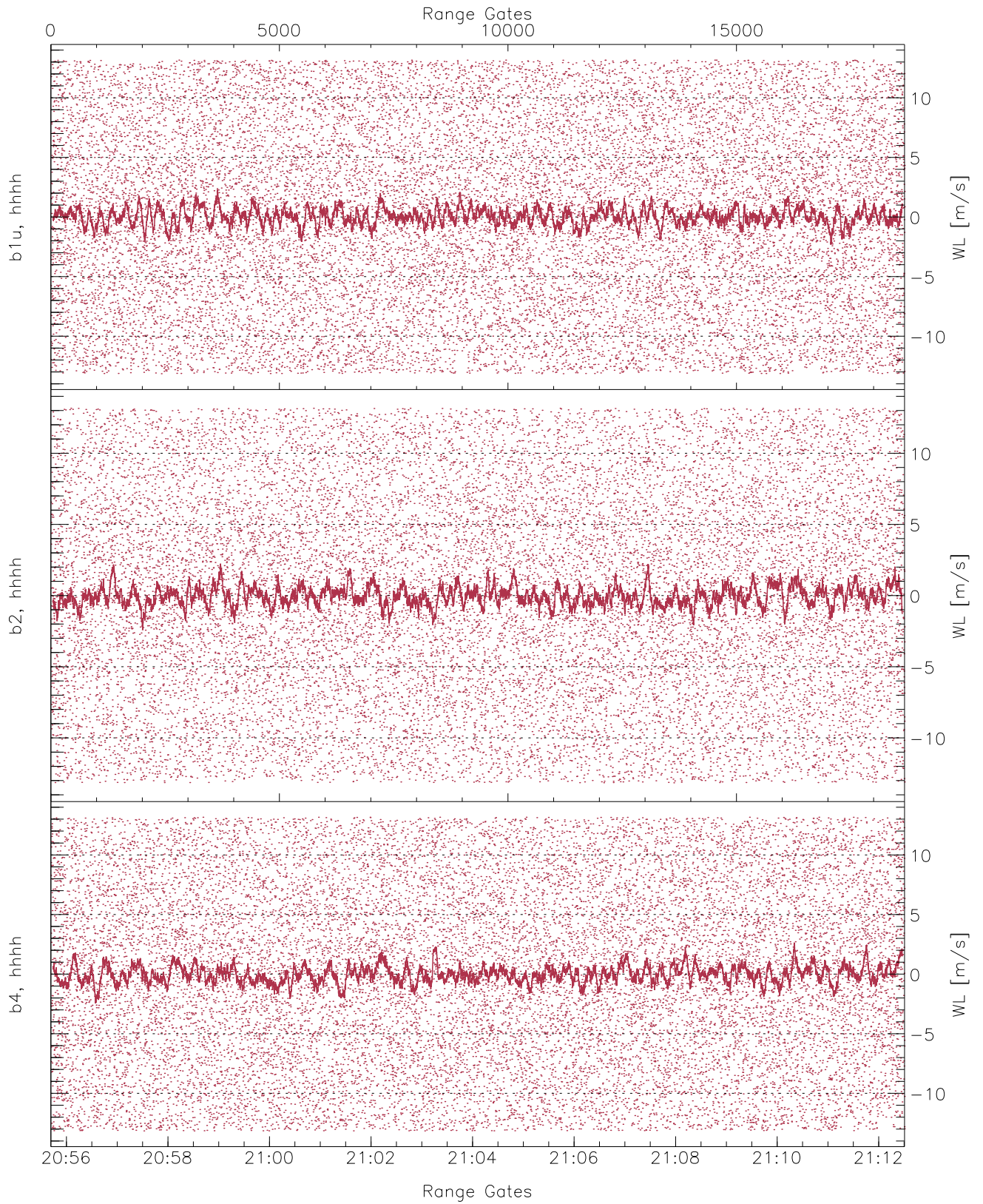
	Min	Max	Mean	Median	StDev
H1RG416_0 [dBm]	-66.61	-64.36	-65.39	-65.39	-76.91
V2WL19_0 [dBm]	-66.41	-63.84	-64.98	-64.99	-76.52
H2WL19_0 [dBm]	-66.22	-63.62	-64.91	-64.92	-76.41



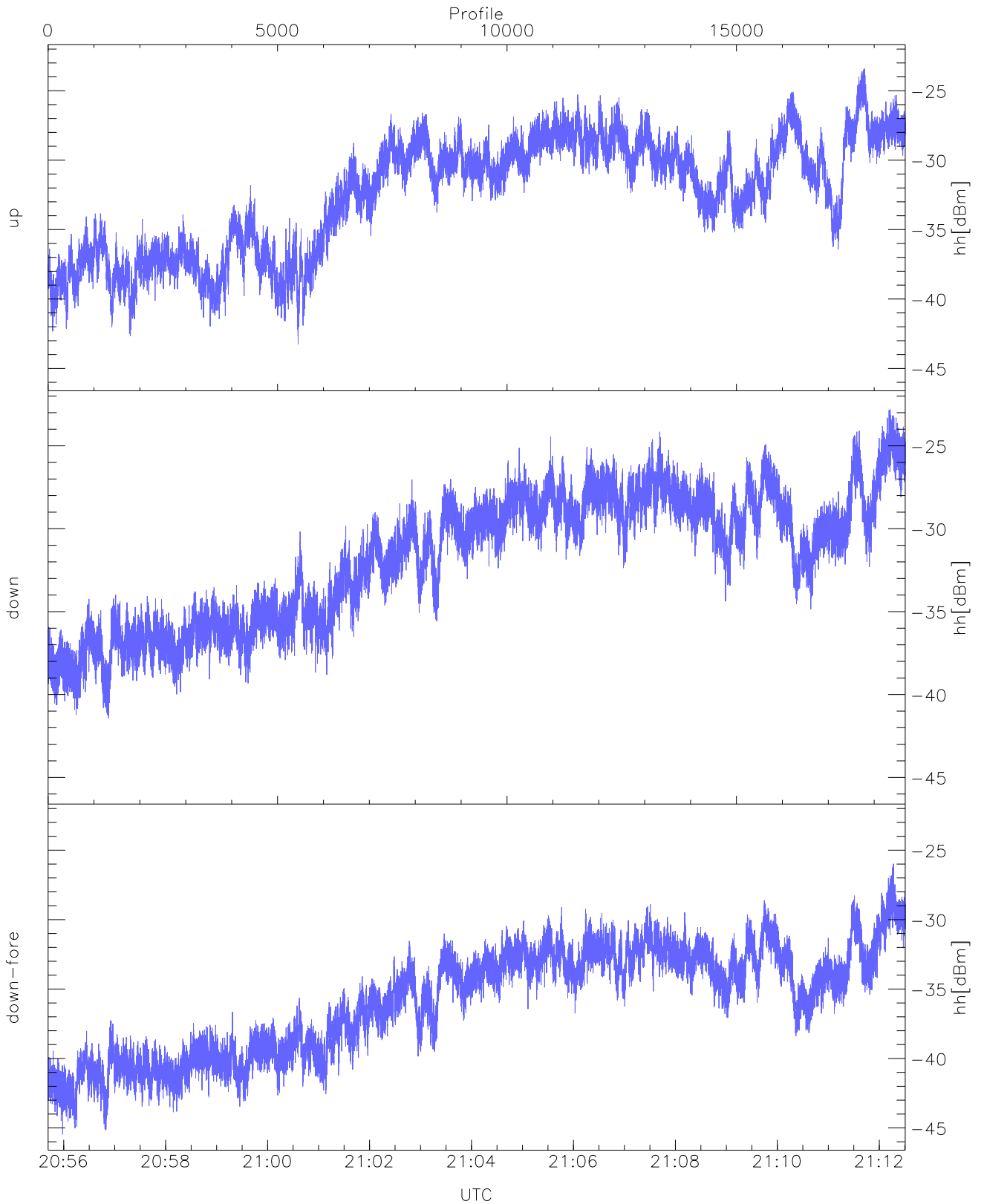
WCR3 CPP Averaged Received power for all recorded gates
blue: 205542-210406, 9340 profiles averaged
red: 210406-211231, 9339 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 205542-210406, 9340 profiles averaged
red: 210406-211231, 9339 profiles averaged

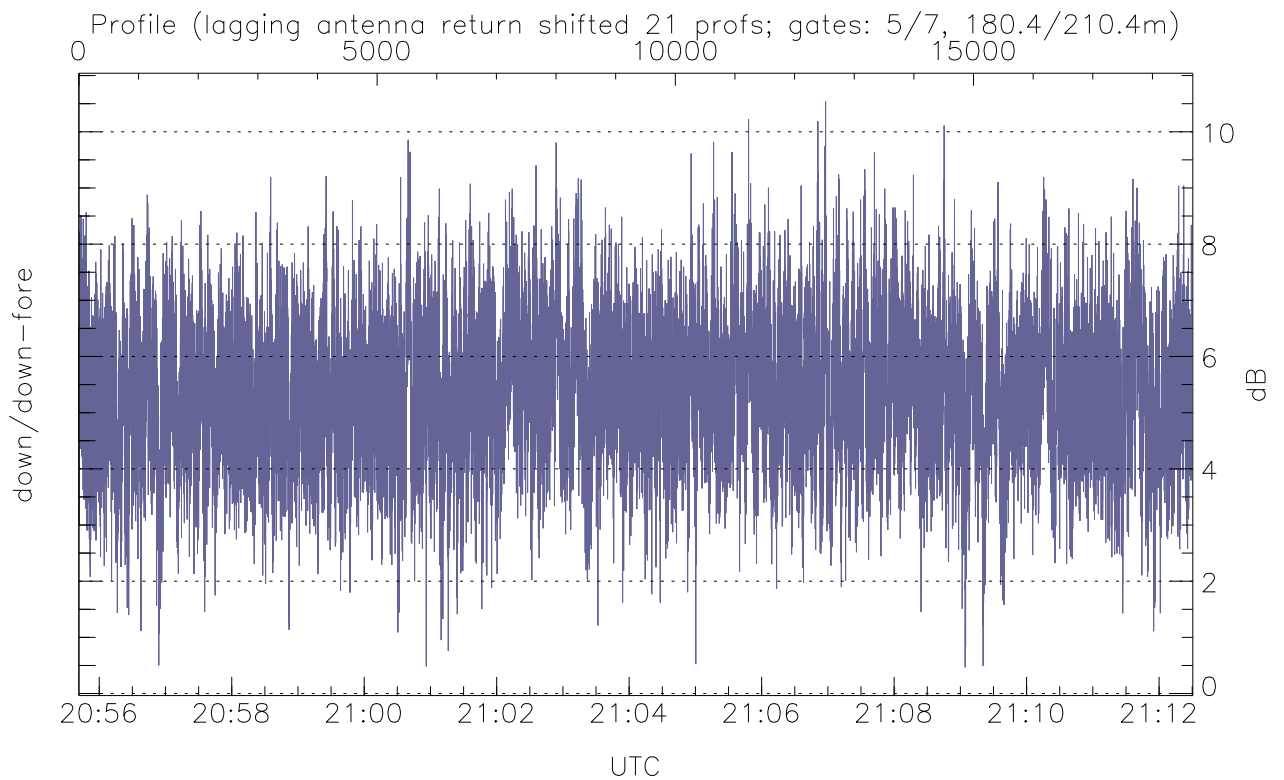
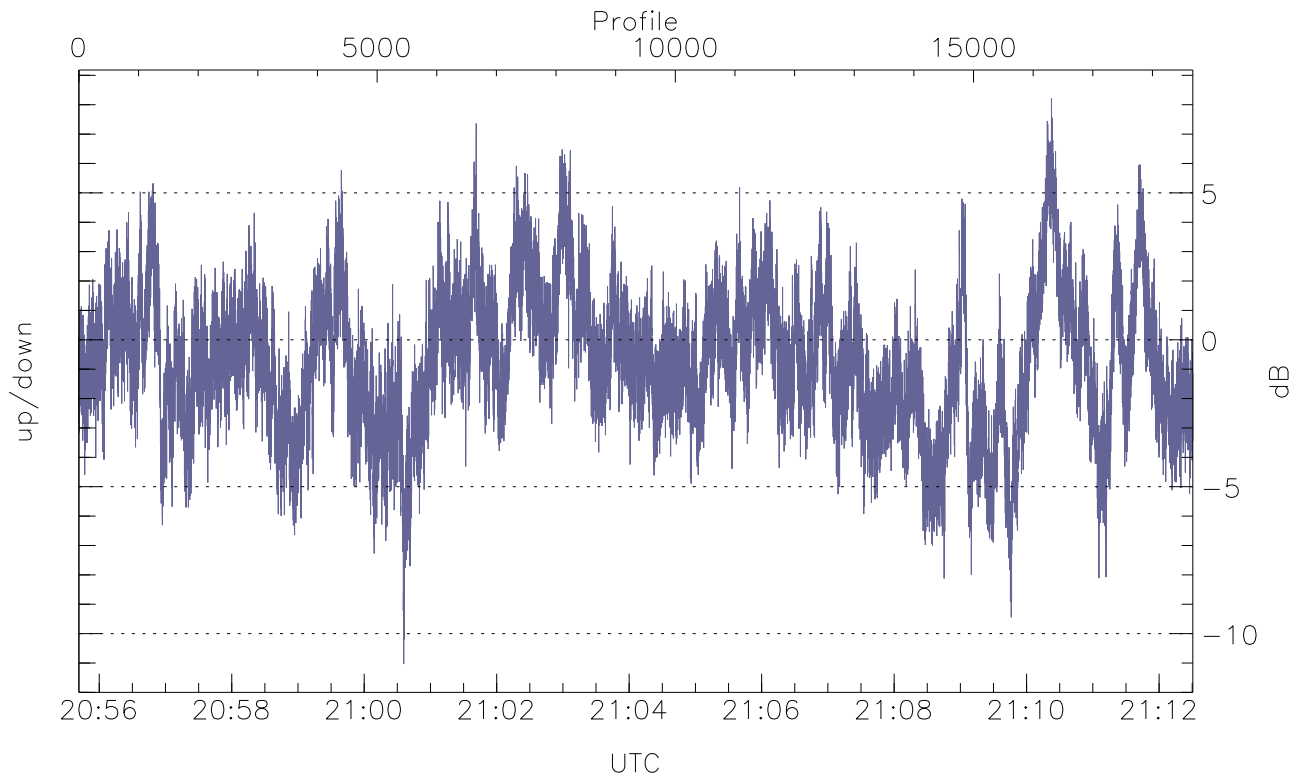


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



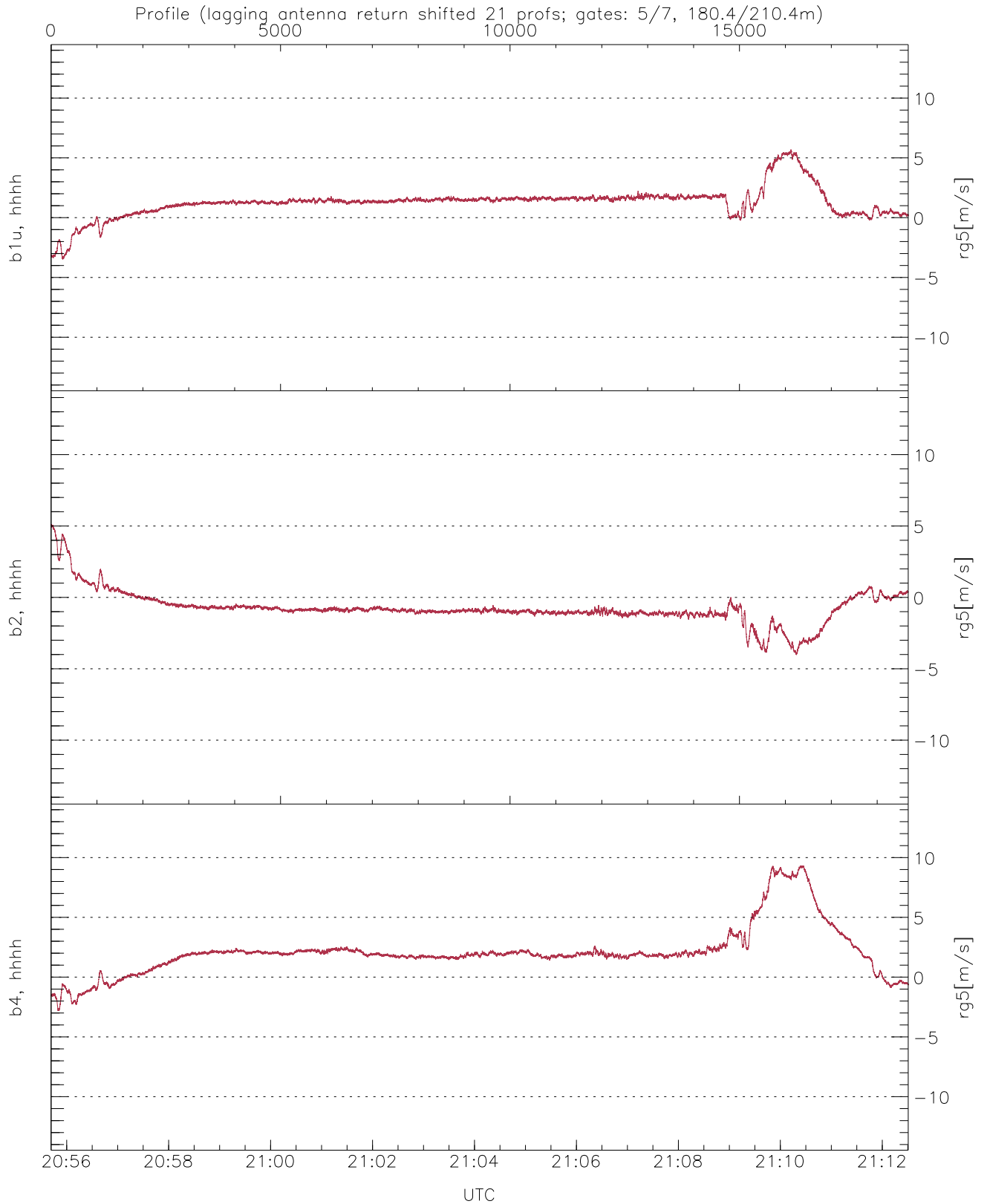
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-43.26	-23.40	-30.82
down(hh[dBm])	-41.44	-22.81	-30.20
down-fore(hh[dBm])	-45.47	-25.98	-34.36



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

	Min	Max	Mean
up/down (dB)	-11.04	8.22	-0.71
down/down-fore (dB)	0.47	10.54	5.38



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-3.49	5.70	1.26	1.22
b2, hhhh(rg5[m/s])	-4.02	5.14	-0.75	1.12
b4, hhhh(rg5[m/s])	-2.83	9.33	2.10	2.04