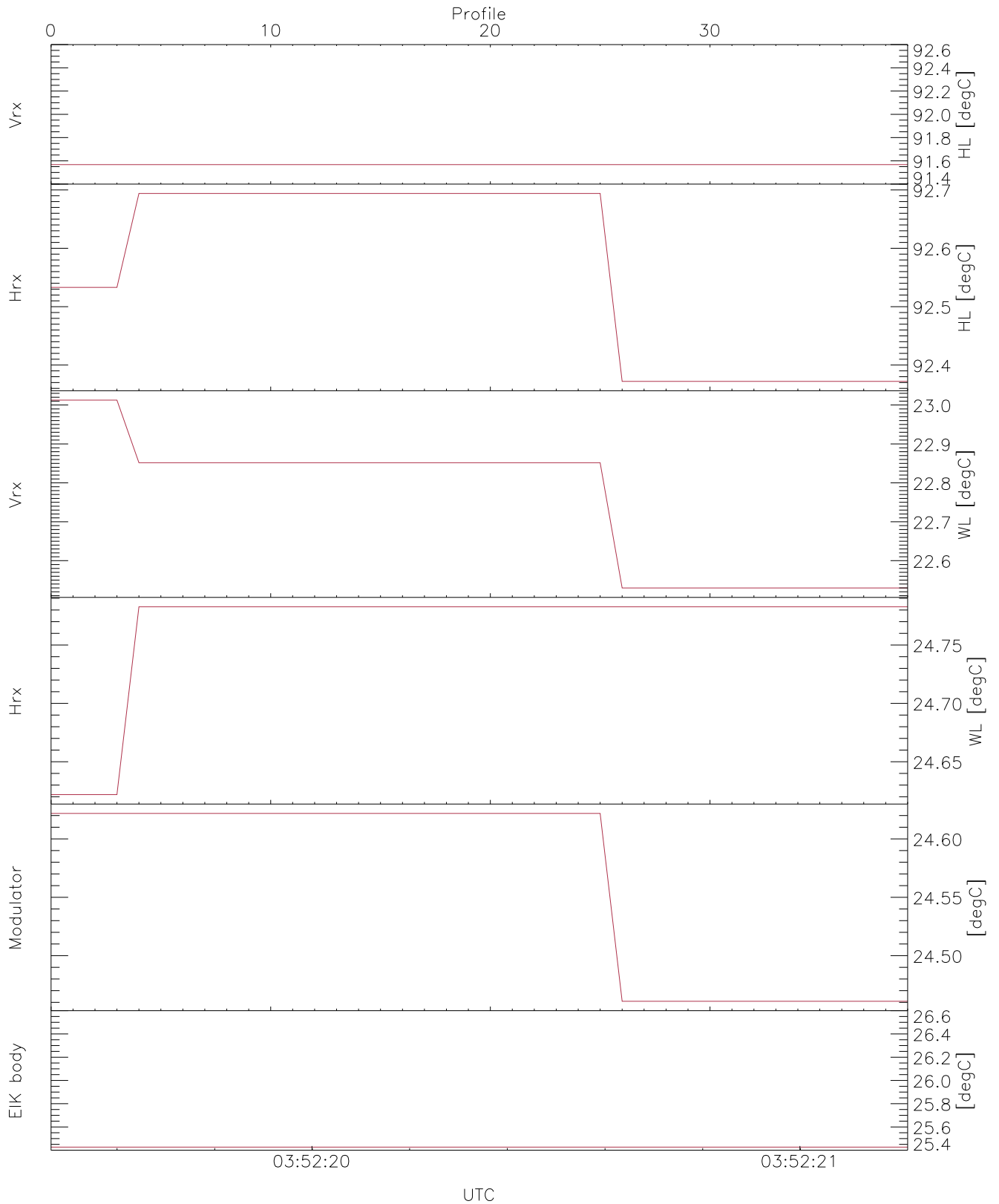


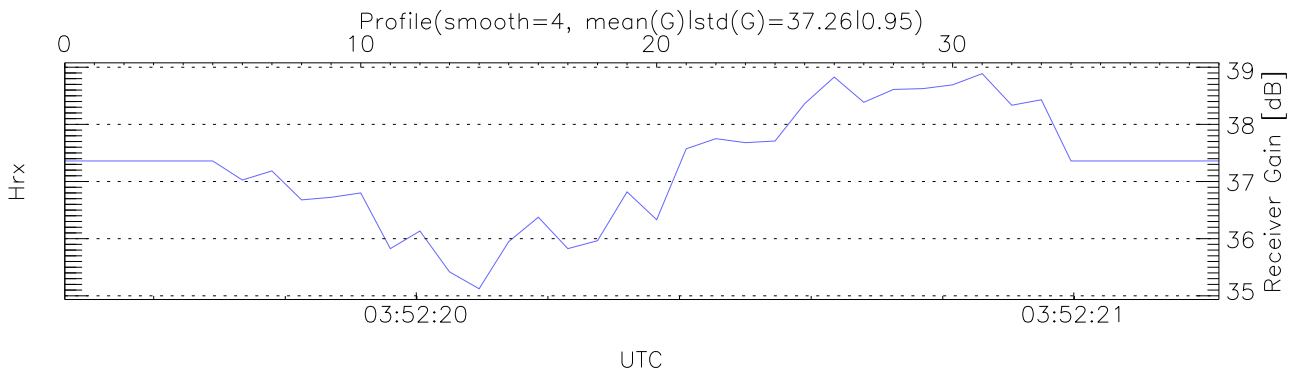
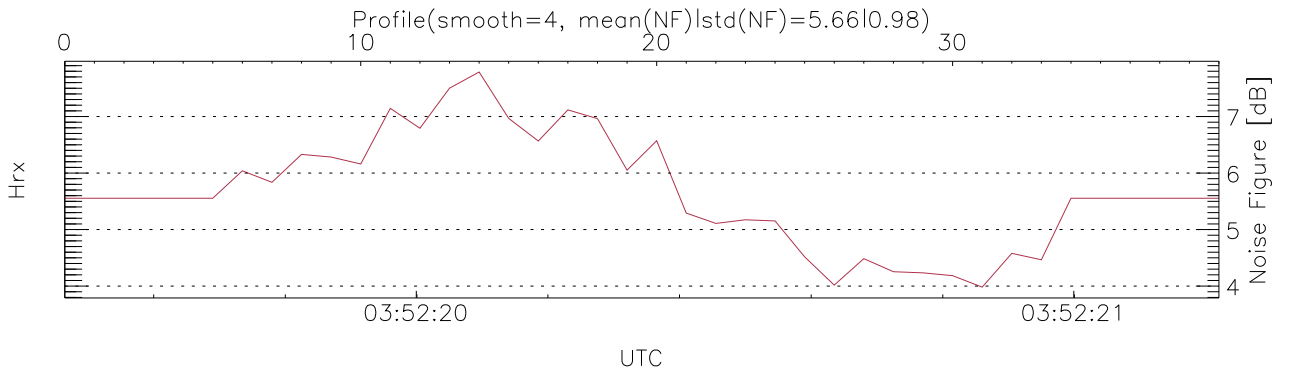
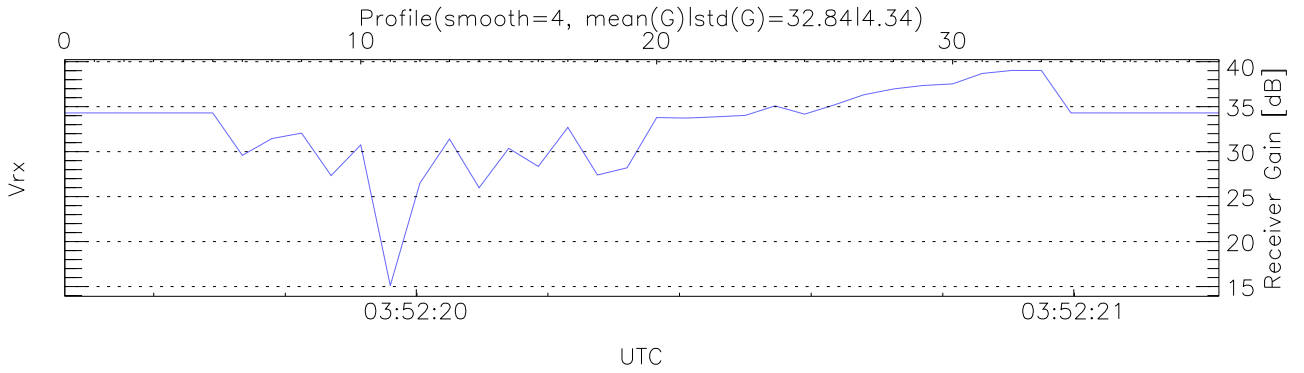
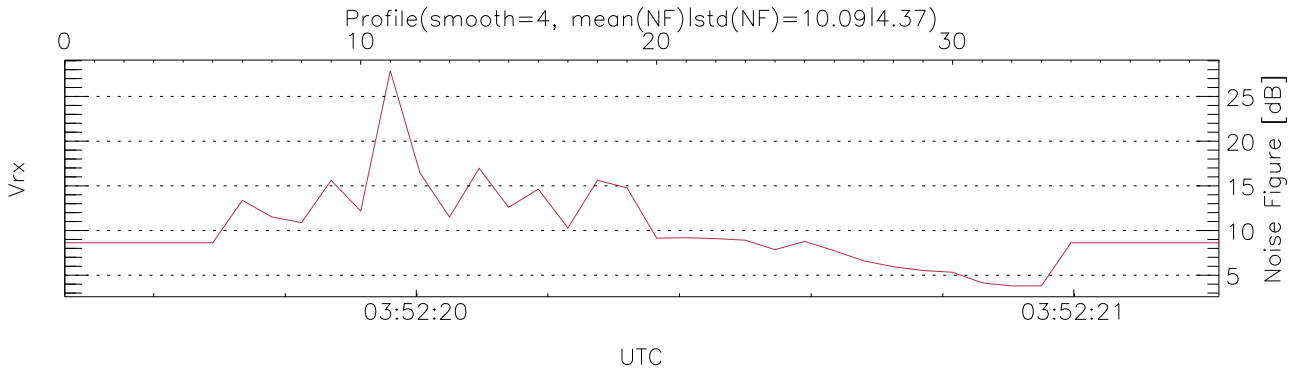
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 03:52:19-03:52:21, TimeCor: 0.00s, Dur: 1.76s
 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): 40/40, 0-39/03:52:19-03:52:21
 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



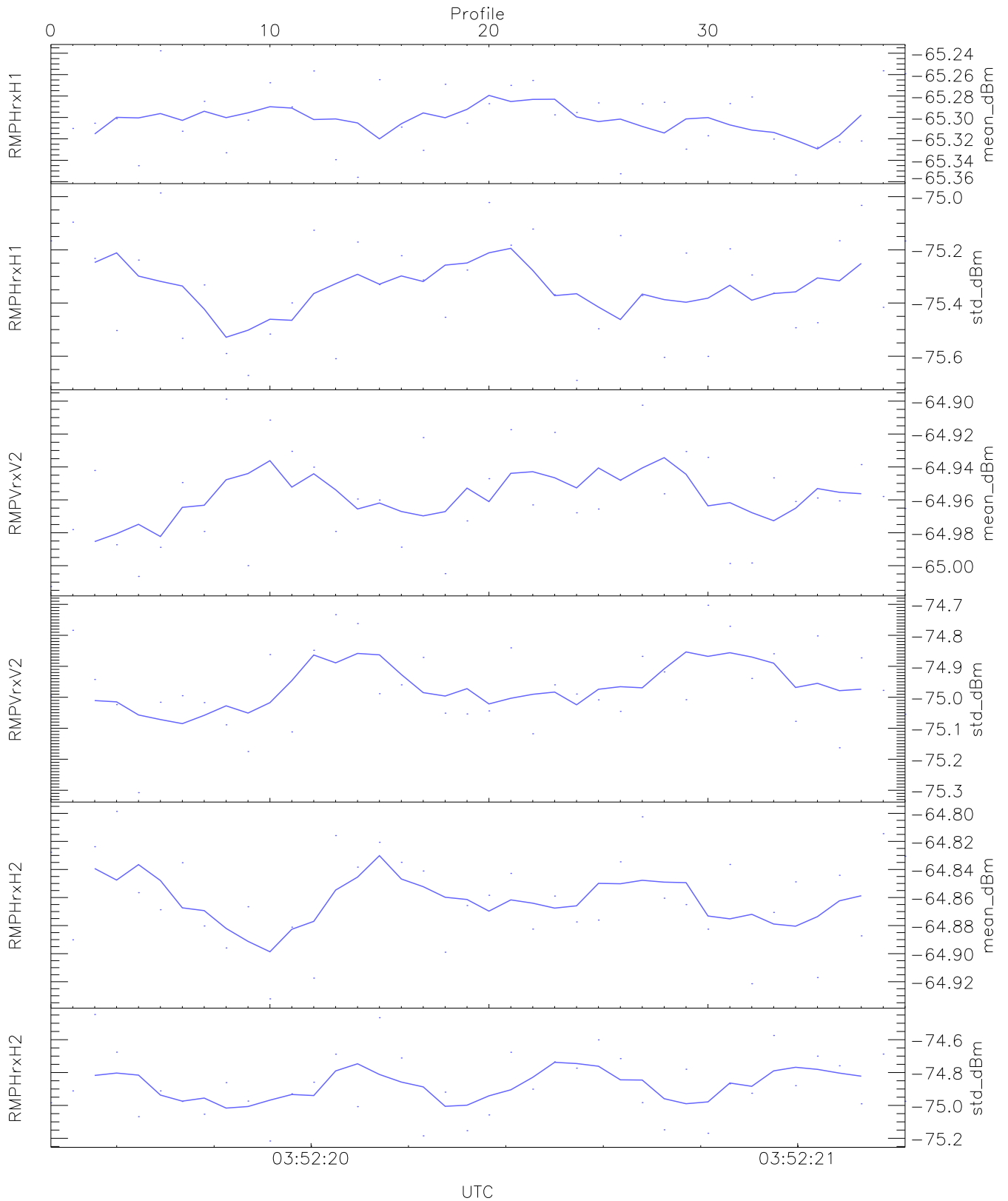
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



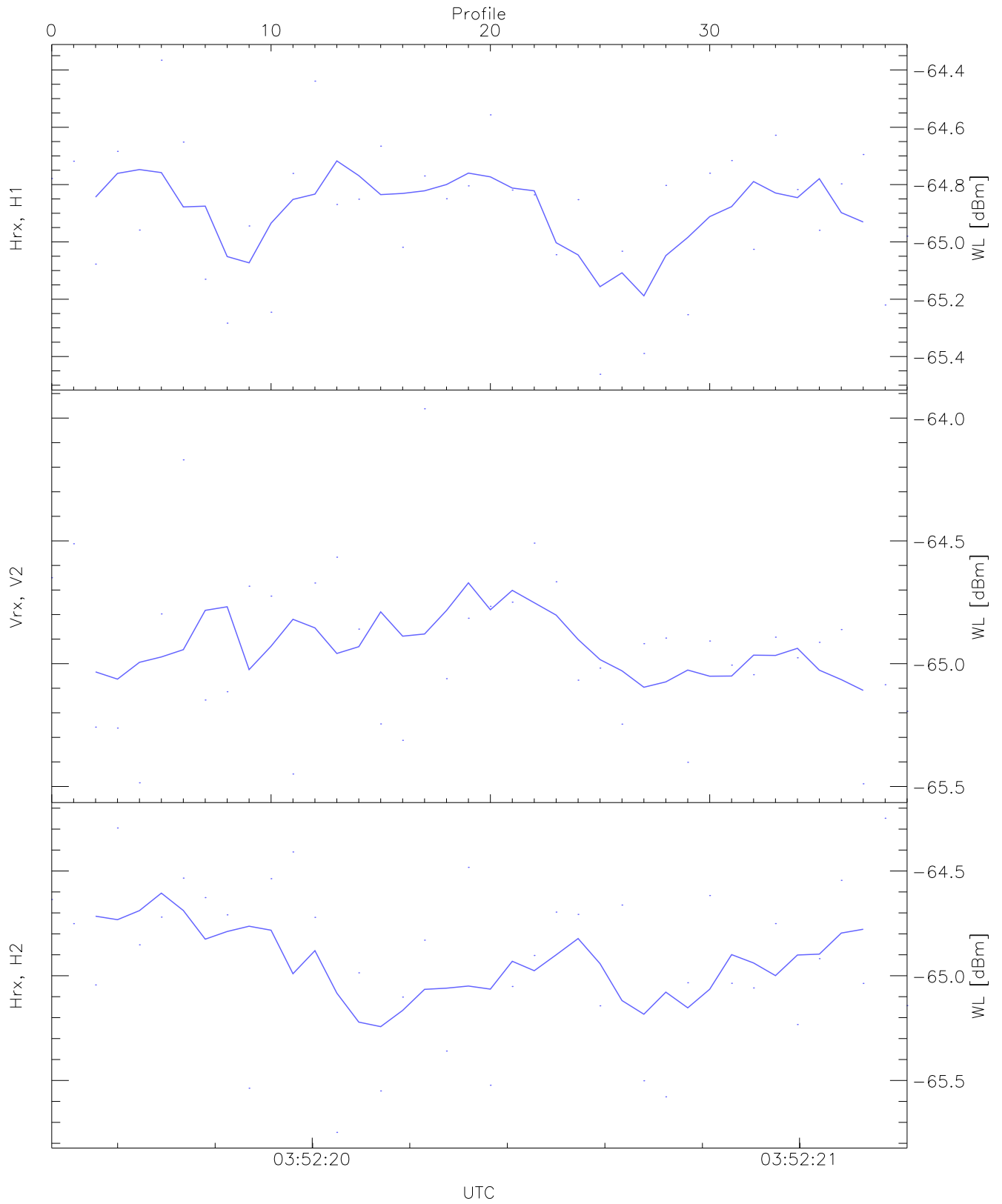
WCR3 CPP Receivers Gain and Noise Figure

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



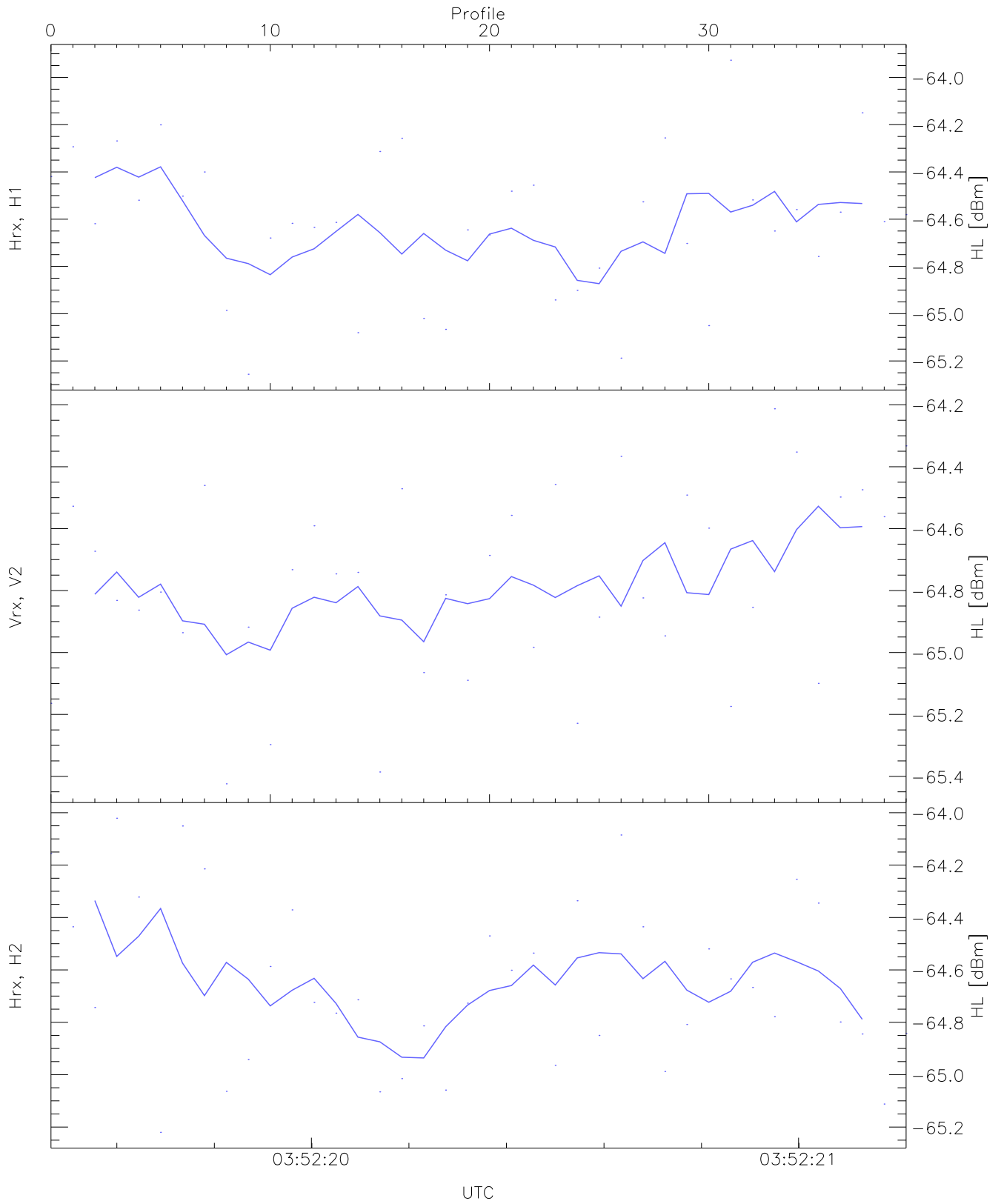
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.36	-65.24	-65.30	-65.30	-86.99
RMPHrxH1 (std_dBm)	-75.69	-74.99	-75.33	-75.31	-88.96
RMPVrxV2 (mean_dBm)	-65.01	-64.90	-64.96	-64.96	-86.70
RMPVrxV2 (std_dBm)	-75.31	-74.70	-74.96	-74.99	-90.23
RMPHrxH2 (mean_dBm)	-64.93	-64.80	-64.86	-64.86	-86.11
RMPHrxH2 (std_dBm)	-75.22	-74.45	-74.87	-74.90	-88.43



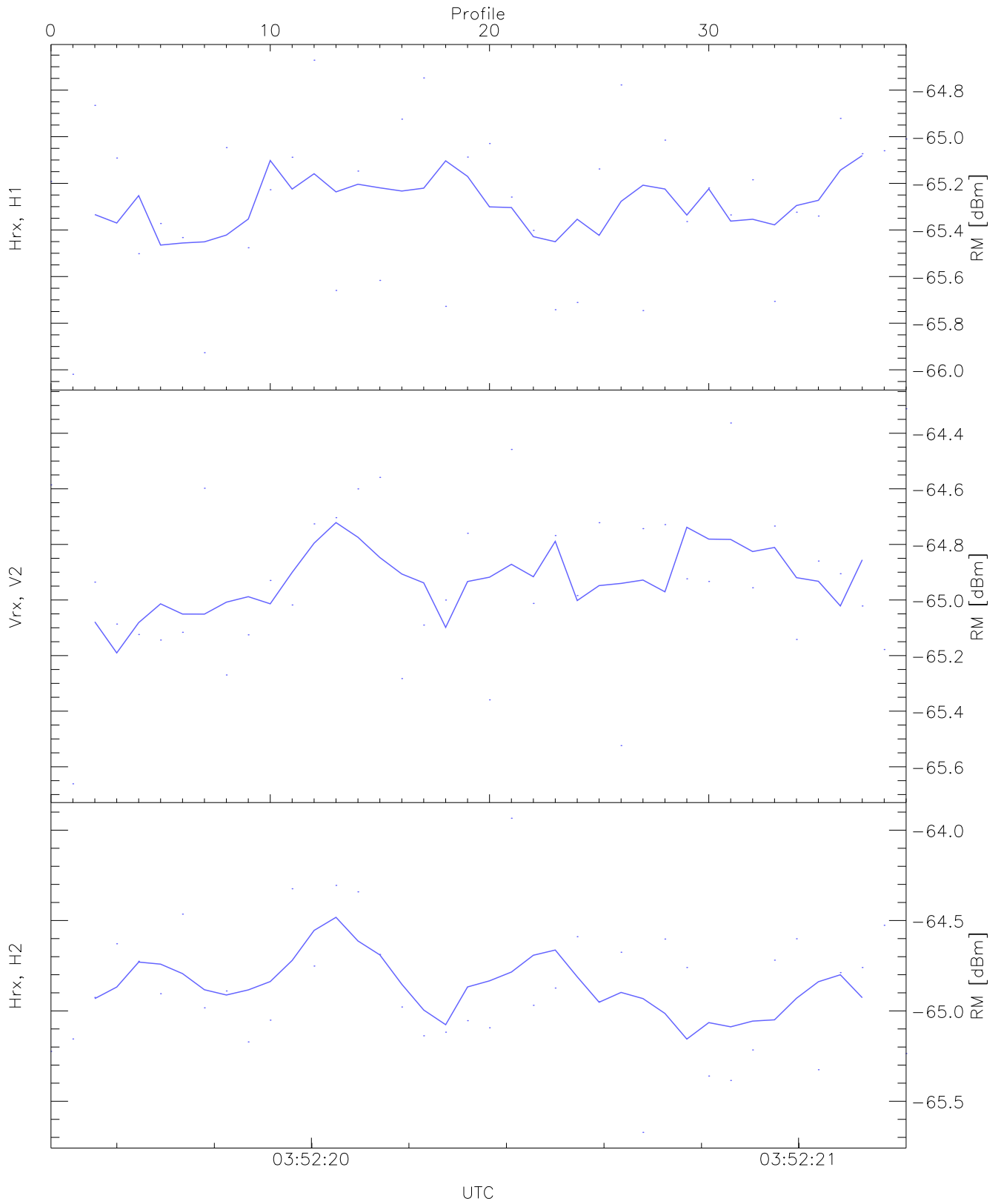
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.46	-64.37	-64.88	-64.84	-77.50
Vrx, V2 (WL [dBm])	-65.49	-63.96	-64.92	-64.91	-76.02
Hrx, H2 (WL [dBm])	-65.75	-64.25	-64.90	-64.85	-75.68



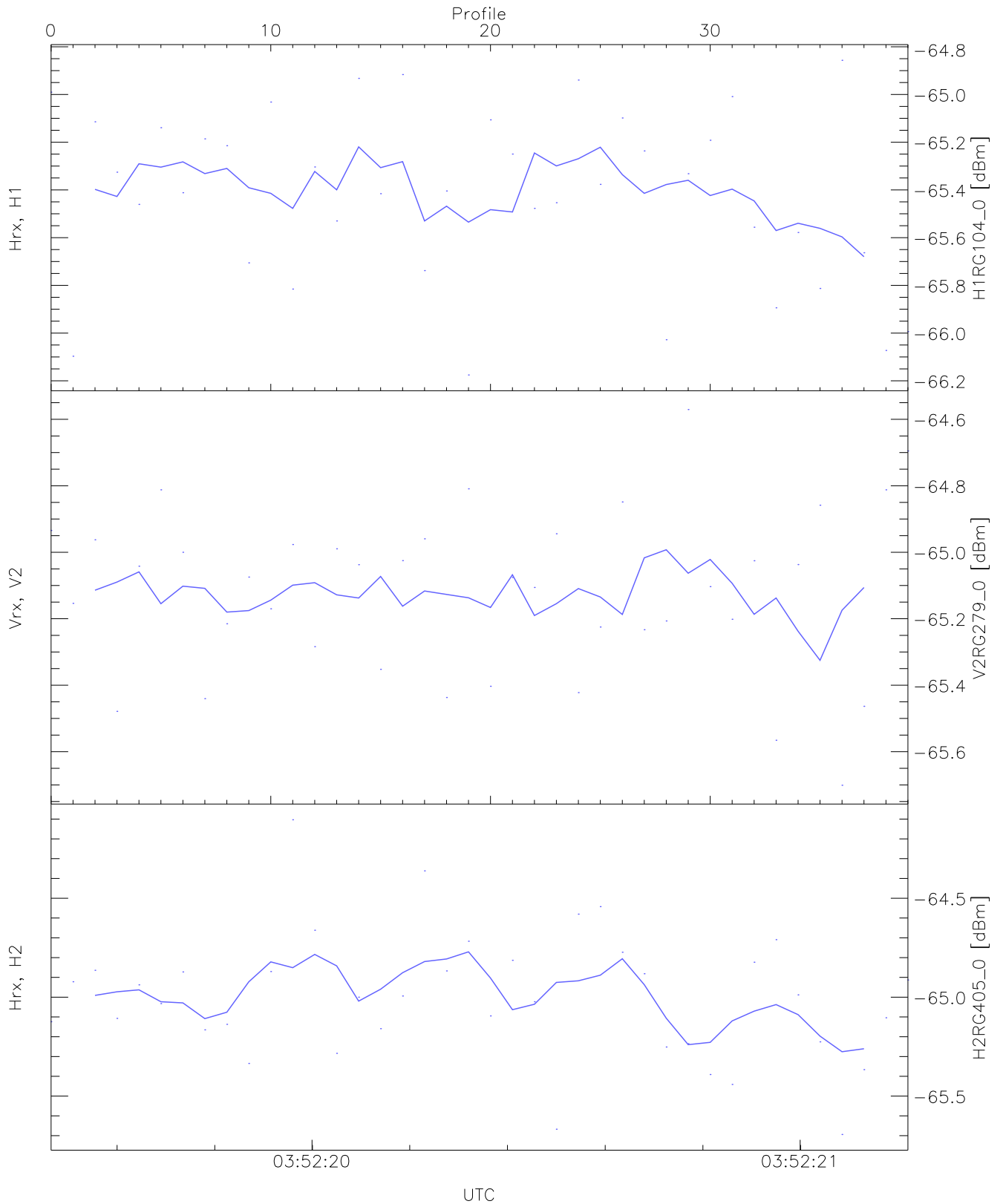
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.26	-63.93	-64.61	-64.61	-76.28
Vrx, V2 (HL [dBm])	-65.42	-64.21	-64.77	-64.75	-76.38
Hrx, H2 (HL [dBm])	-65.22	-64.02	-64.64	-64.71	-76.01



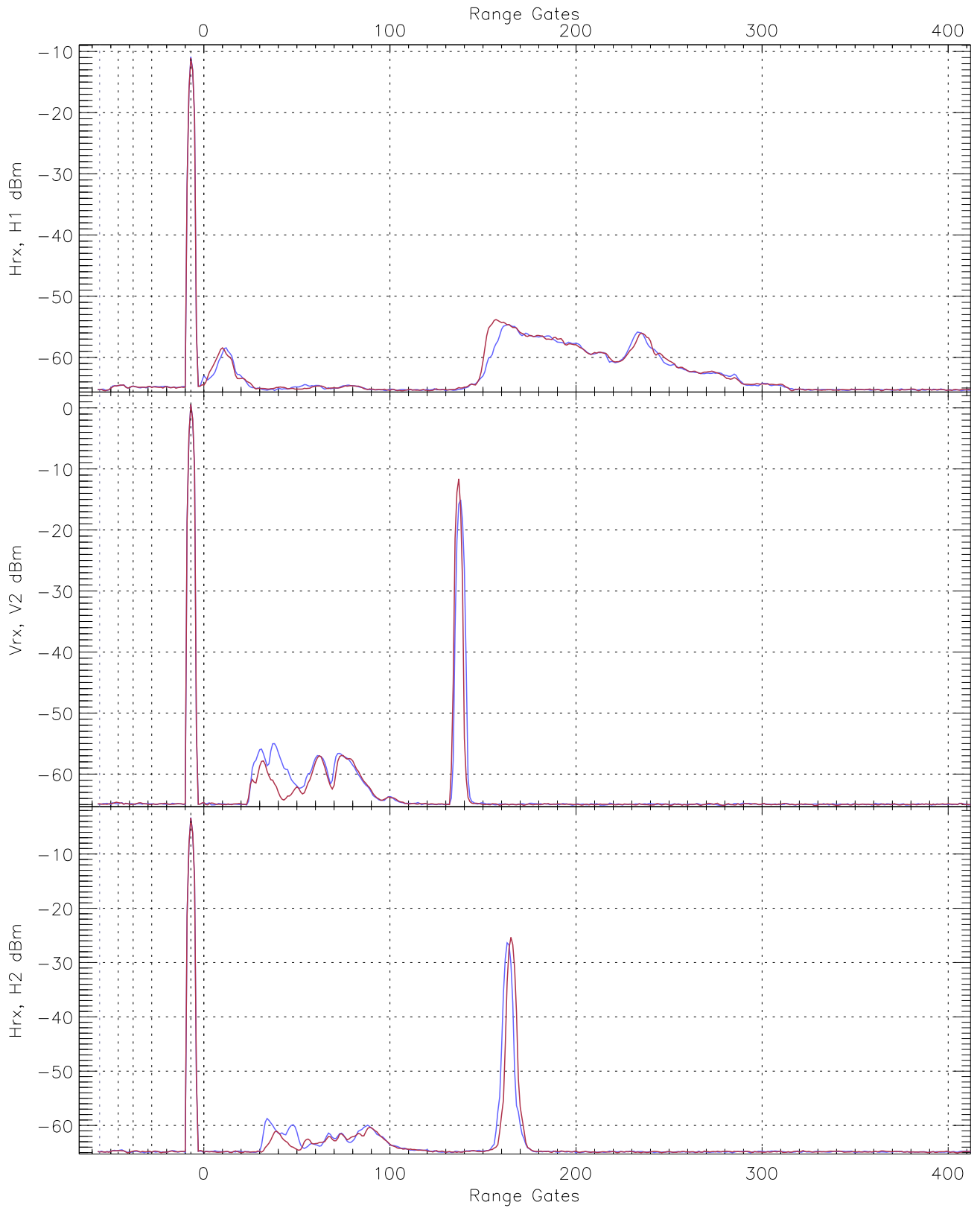
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.02	-64.67	-65.27	-65.22	-76.58
Vrx, V2 (RM [dBm])	-65.66	-64.31	-64.91	-64.93	-76.68
Hrx, H2 (RM [dBm])	-65.67	-63.93	-64.86	-64.89	-75.83

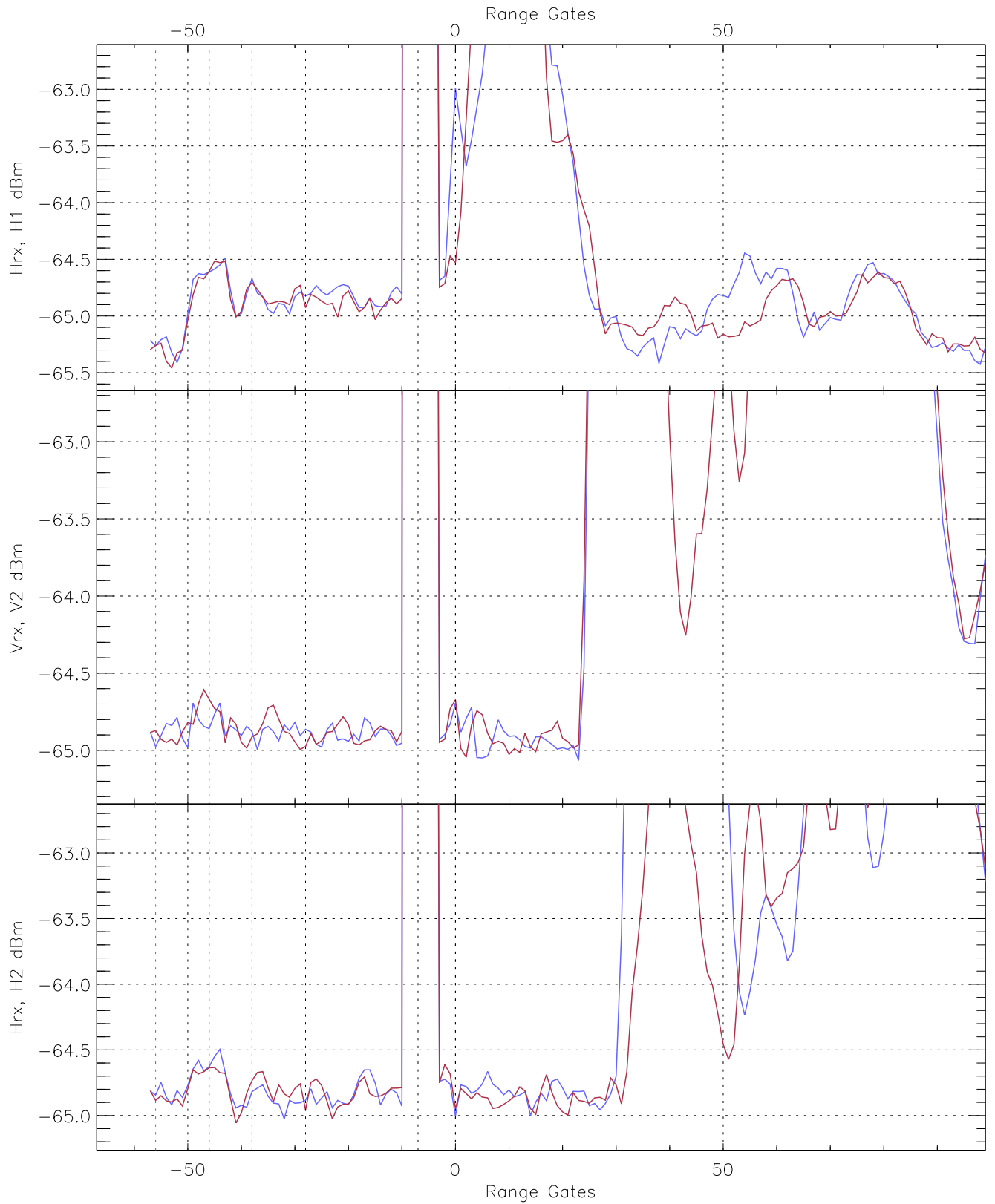


WCR3 CPP "Best" estimate Receivers Noise Power

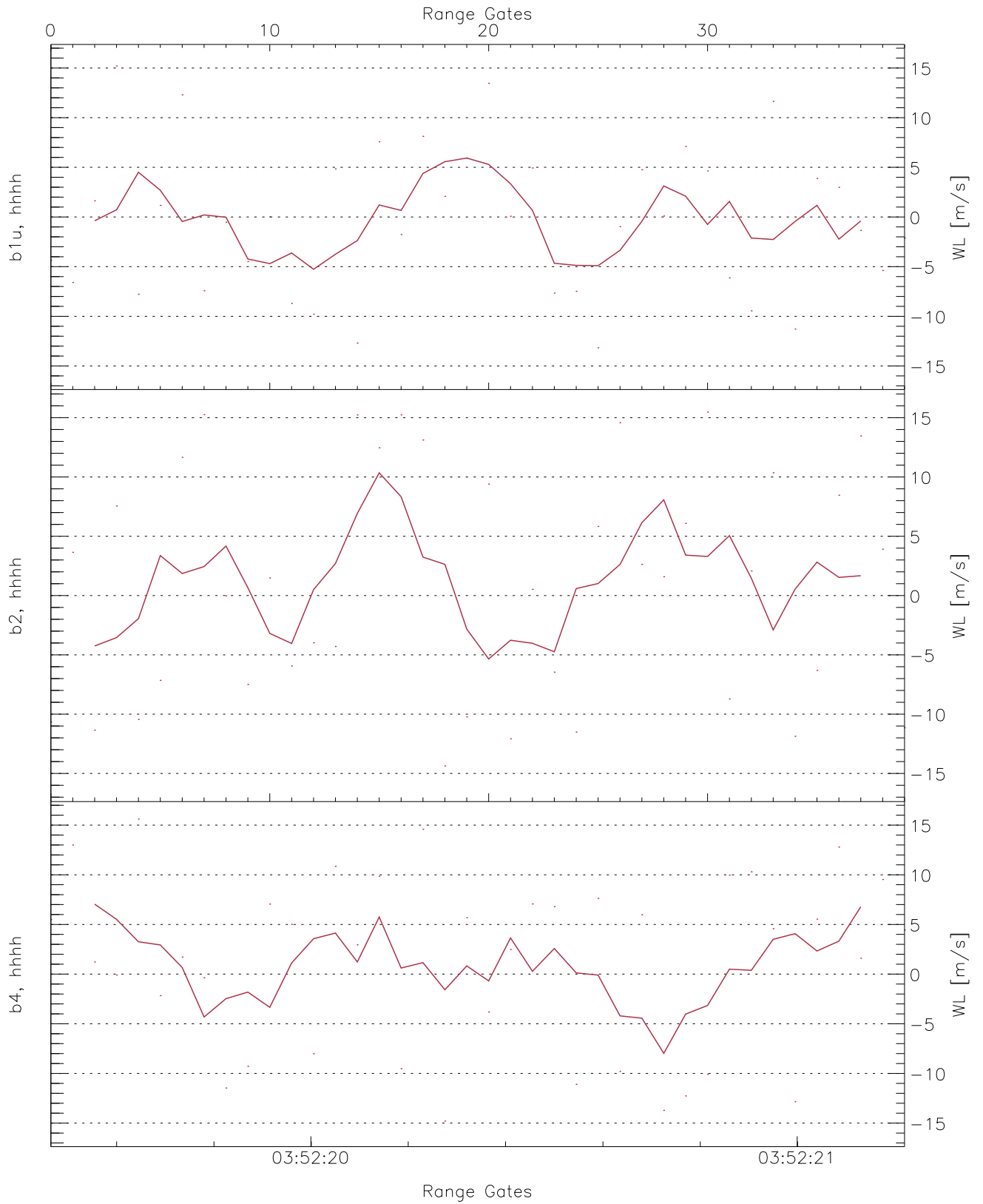
	Min	Max	Mean	Median	StDev
H1RG104_0 [dBm]	-66.18	-64.86	-65.41	-65.38	-76.31
V2RG279_0 [dBm]	-65.70	-64.57	-65.11	-65.07	-77.61
H2RG405_0 [dBm]	-65.69	-64.10	-64.99	-64.99	-76.32



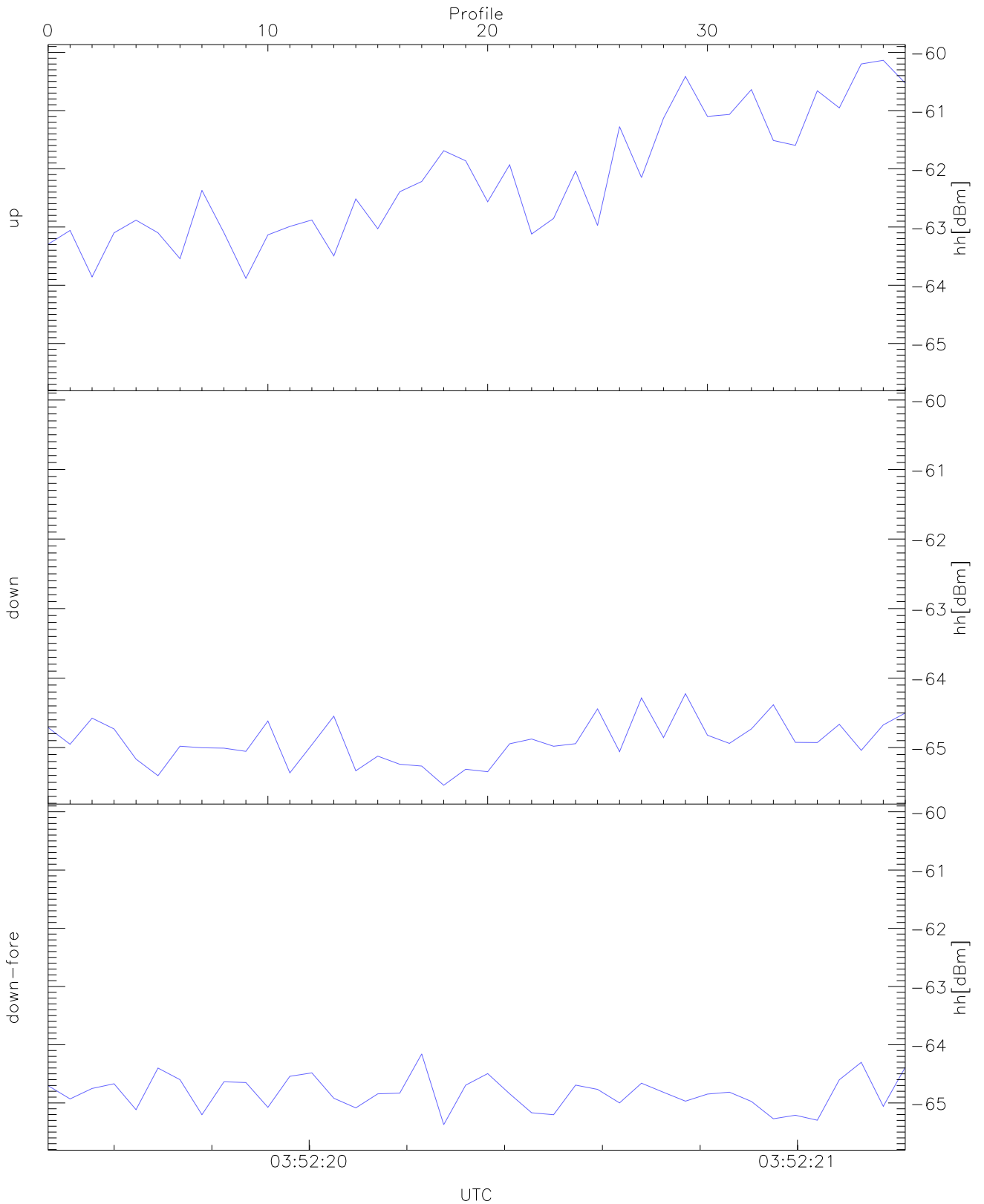
WCR3 CPP Averaged Received power for all recorded gates
blue: 035219-035220, 21 profiles averaged
red: 035220-035221, 20 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 035219-035220, 21 profiles averaged
red: 035220-035221, 20 profiles averaged

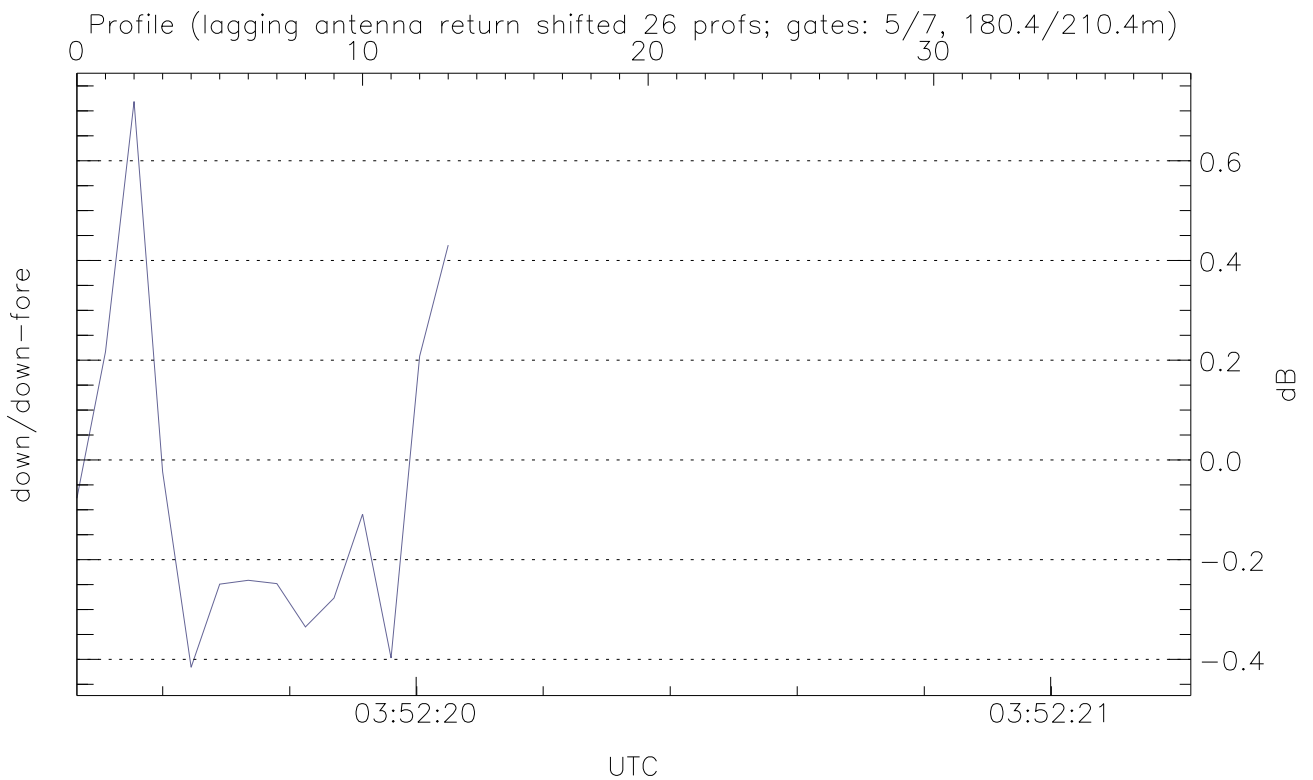
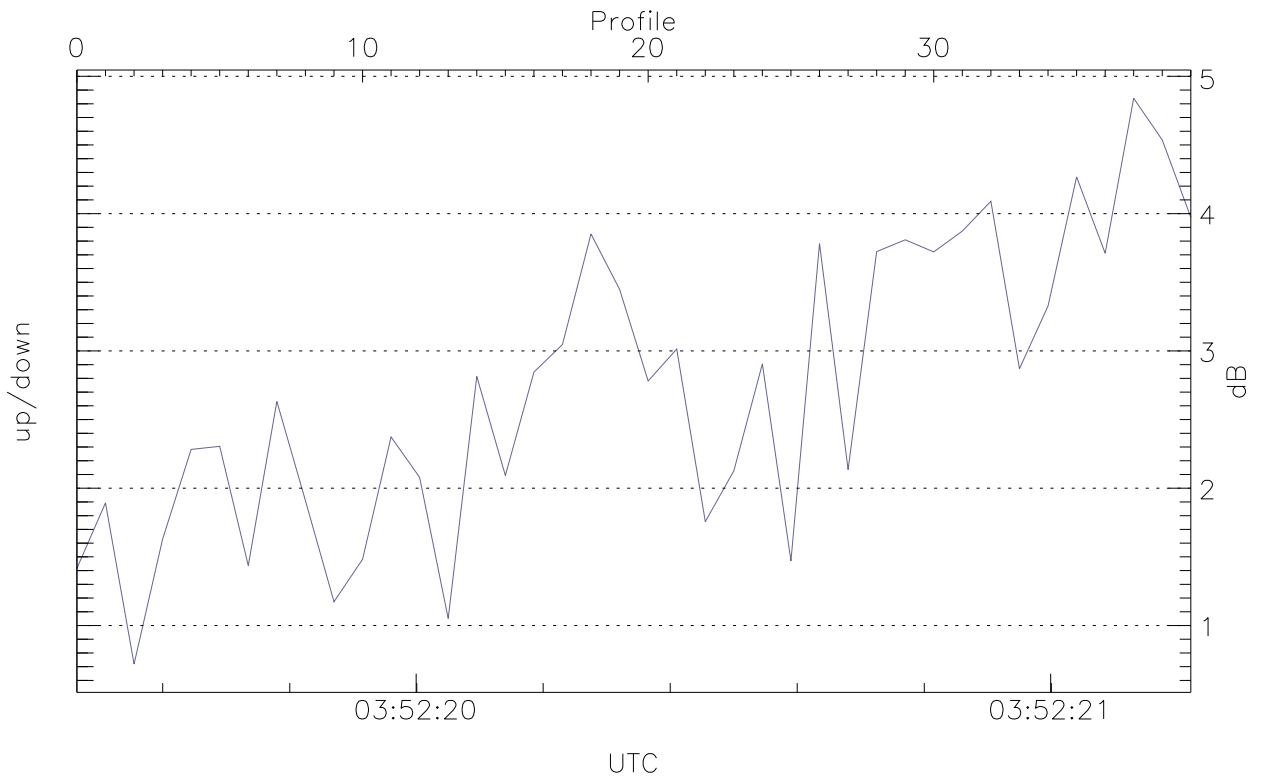


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



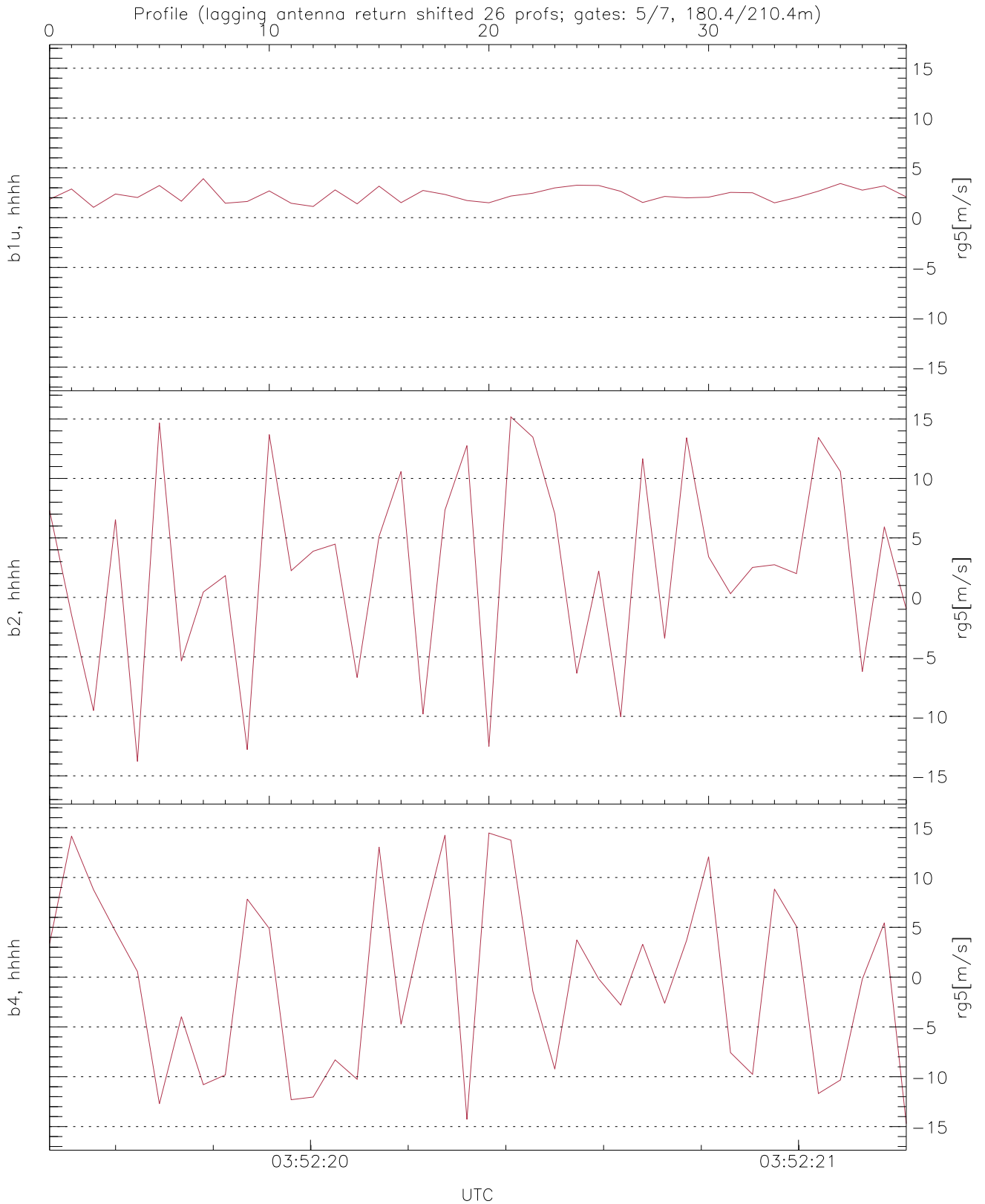
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-63.88	-60.14	-62.05
down(hh[dBm])	-65.54	-64.22	-64.90
down-fore(hh[dBm])	-65.37	-64.16	-64.82



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

	Min	Max	Mean
up/down (dB)	0.72	4.84	2.73
down/down-fore (dB)	-0.42	0.72	-0.06



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.04	3.91	2.29	0.70
b2, hhhh(rg5[m/s])	-13.79	15.17	2.39	8.33
b4, hhhh(rg5[m/s])	-14.71	14.46	-0.56	9.09