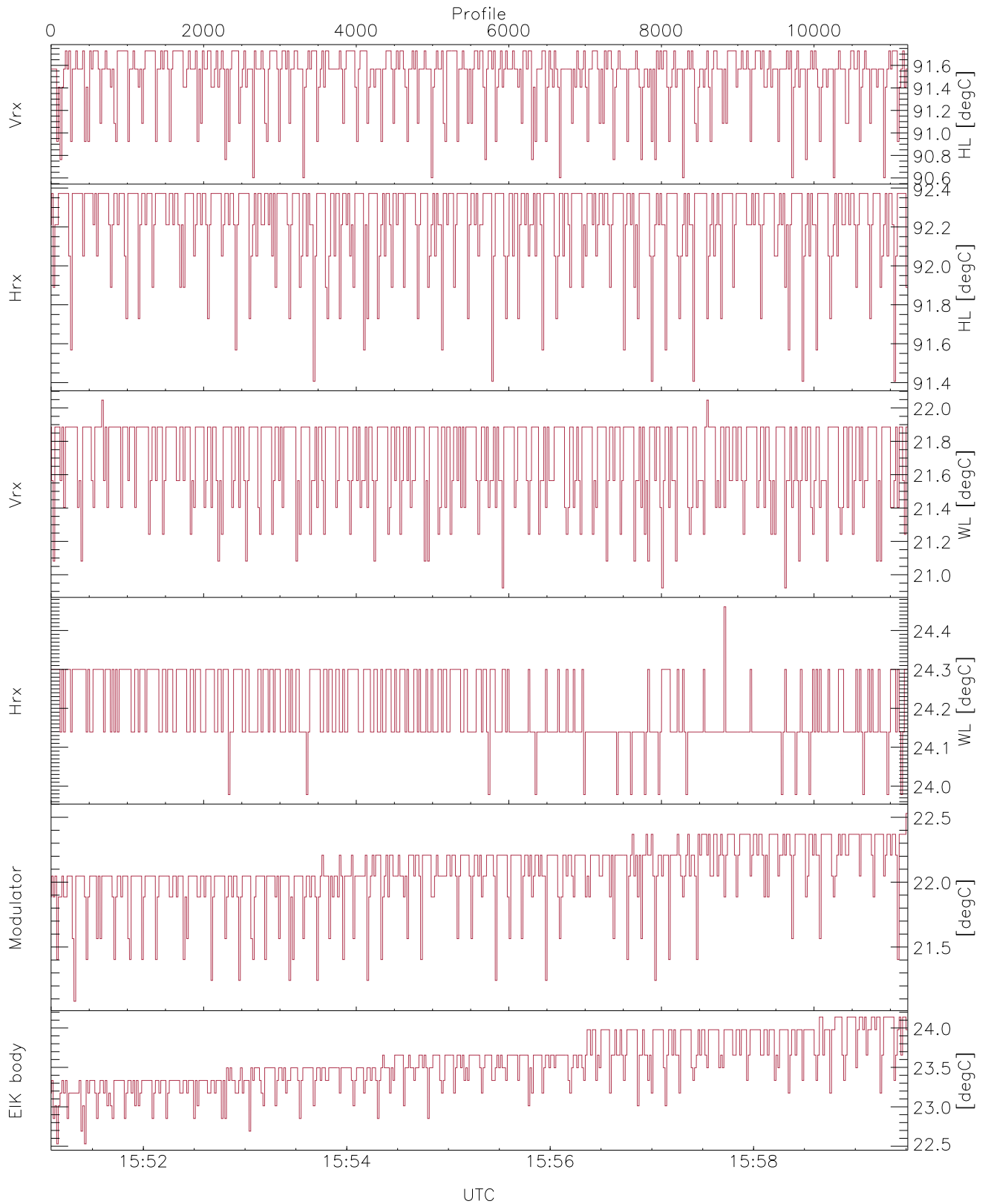


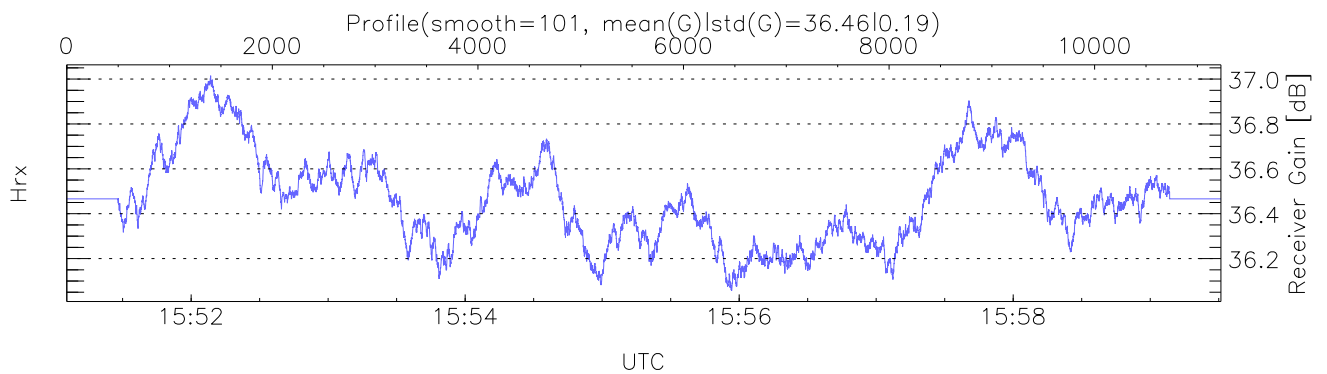
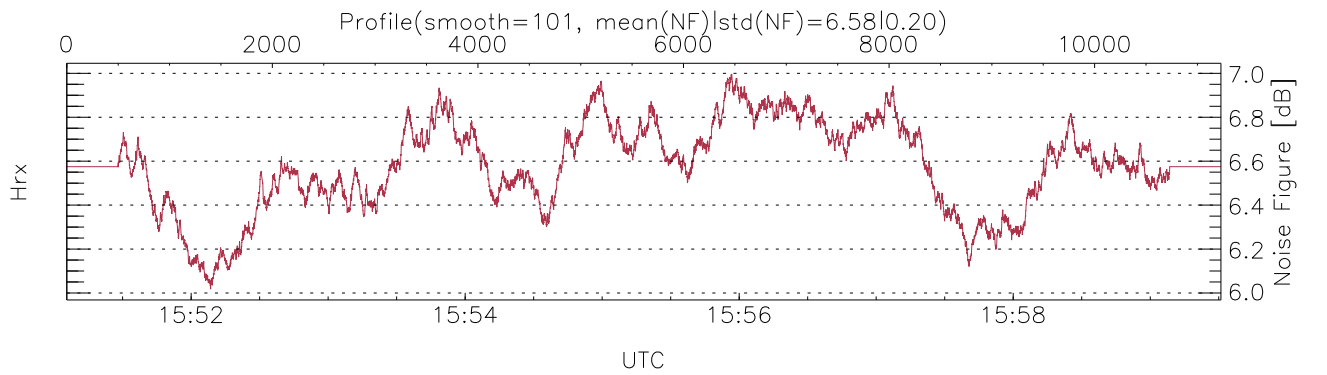
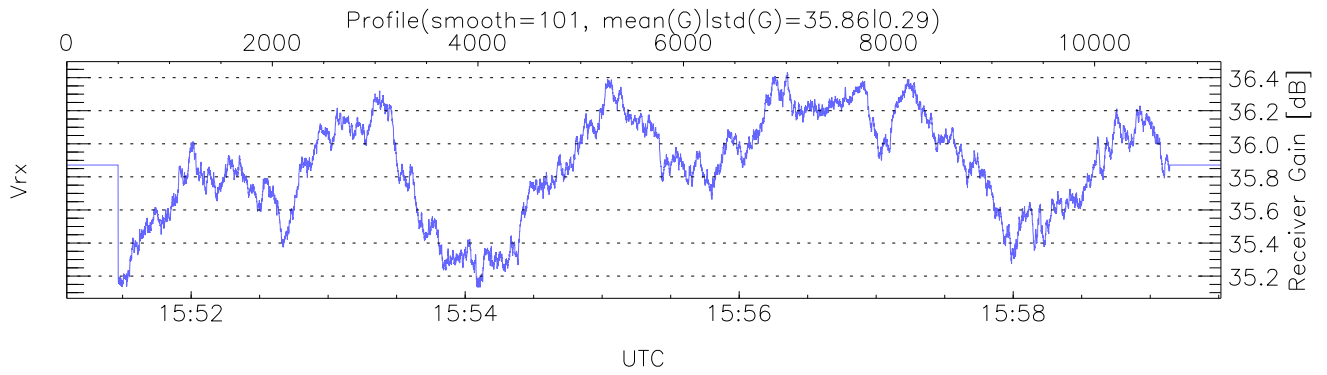
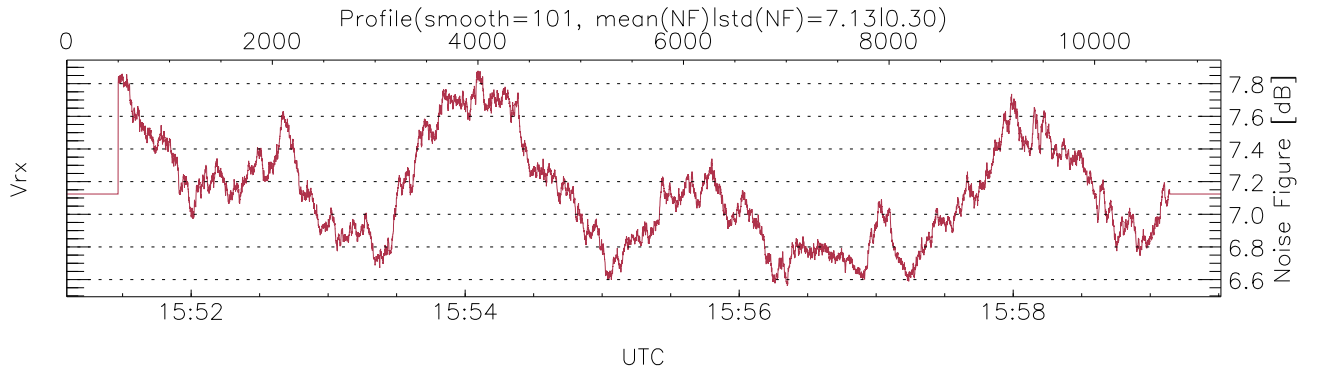
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:51:06-15:59:31, TimeCor: 0.00s, Dur: 505.43s
 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): 11230/11230, 0-11229/15:51:06-15:59:31
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



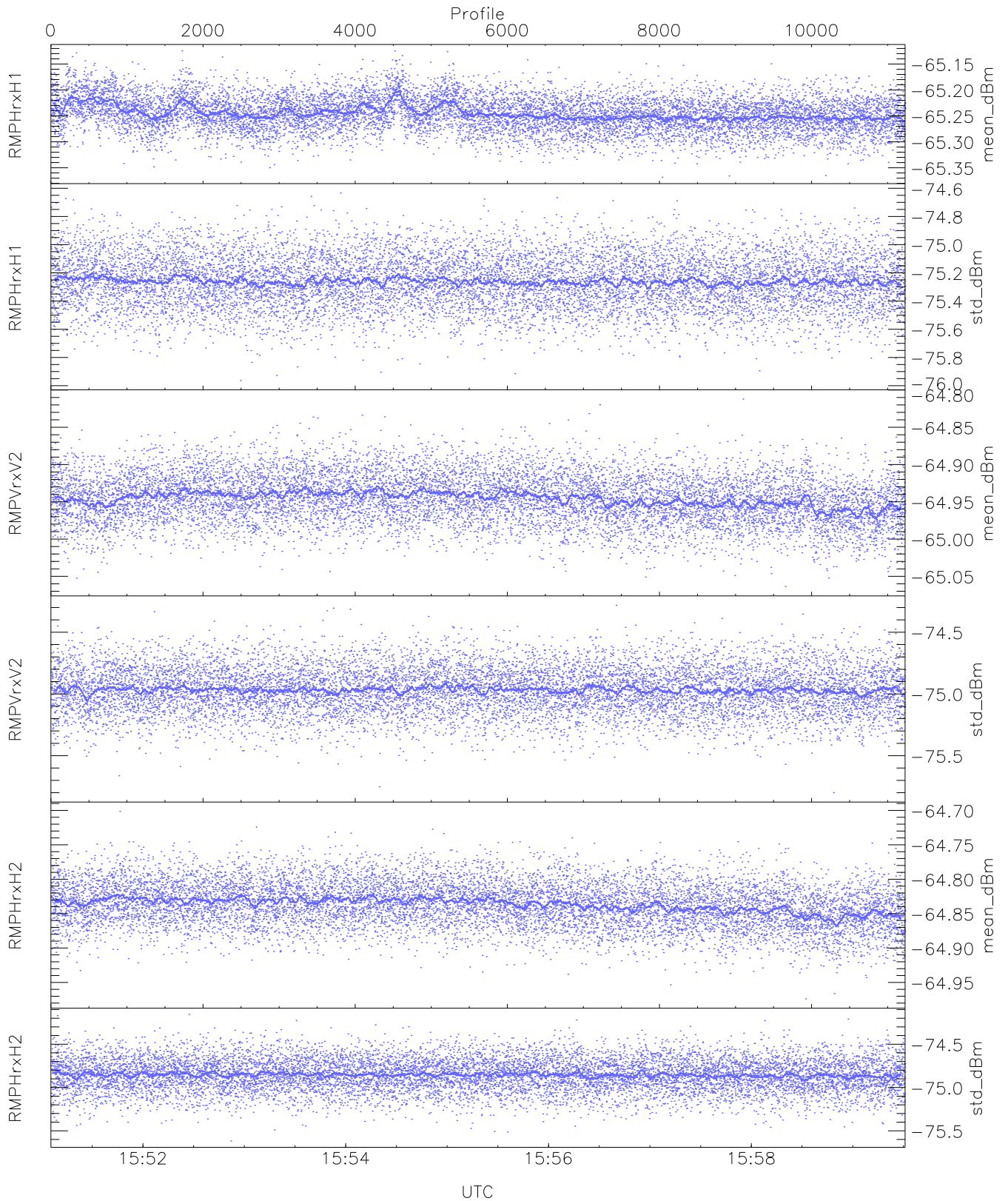
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,21,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,22,24
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



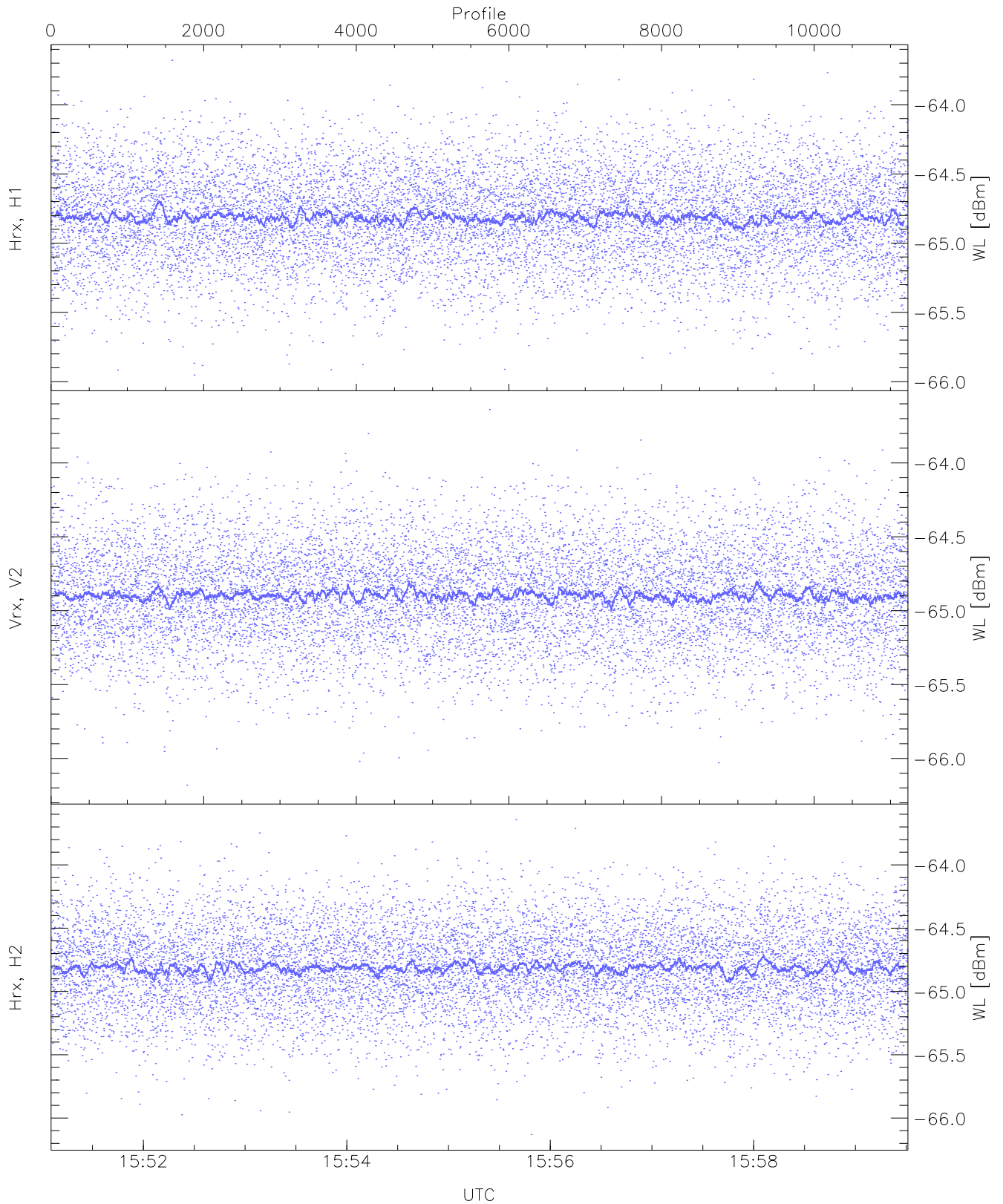
WCR3 CPP Receivers Gain and Noise Figure

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



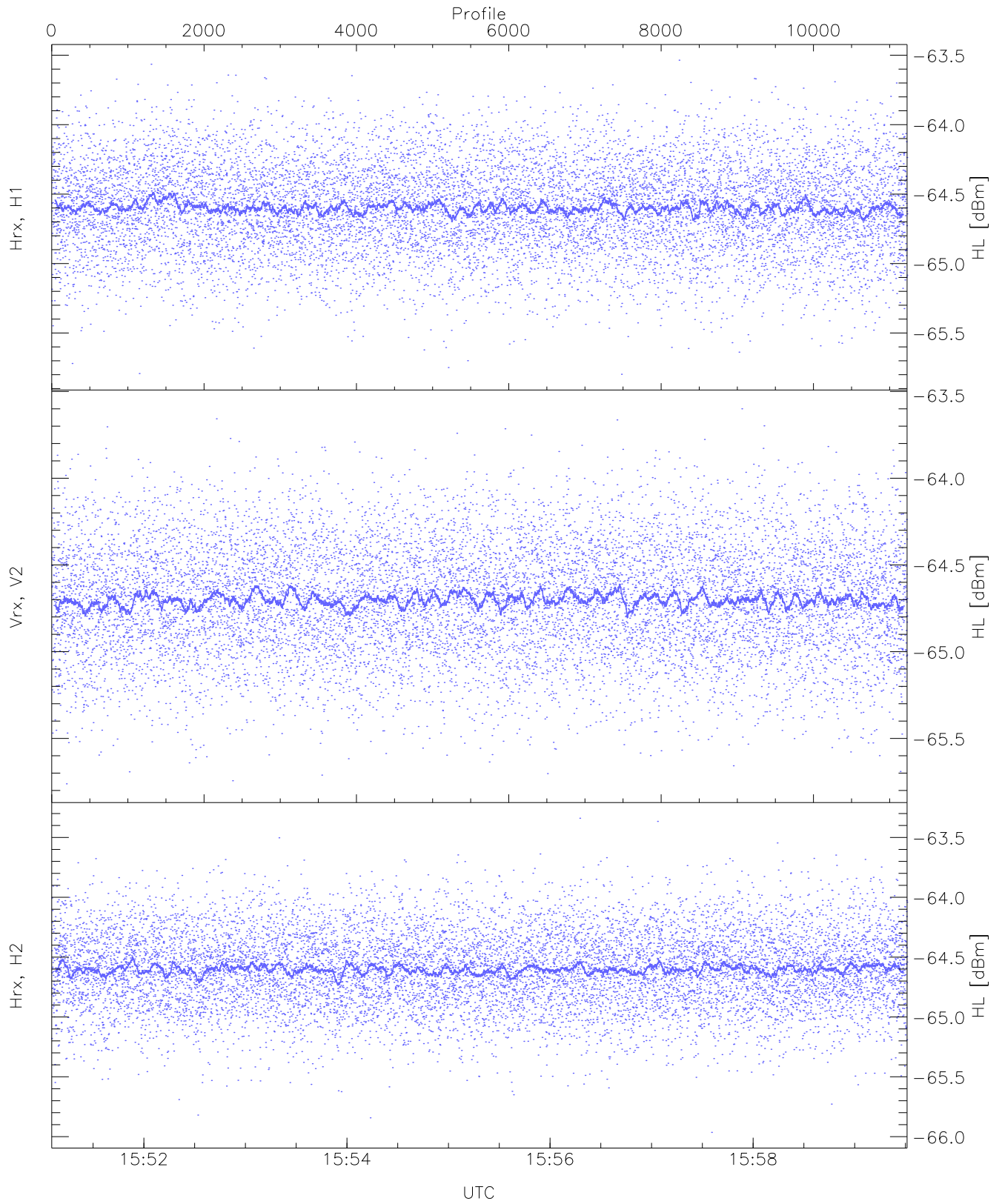
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.37	-65.12	-65.25	-65.25	-86.57
RMPHrxH1(std_dBm)	-75.96	-74.63	-75.26	-75.26	-89.07
RMPVrxV2(mean_dBm)	-65.06	-64.81	-64.95	-64.95	-86.38
RMPVrxV2(std_dBm)	-75.80	-74.28	-74.97	-74.97	-88.82
RMPHrxH2(mean_dBm)	-64.97	-64.70	-64.84	-64.84	-86.30
RMPHrxH2(std_dBm)	-75.62	-74.16	-74.85	-74.85	-88.66



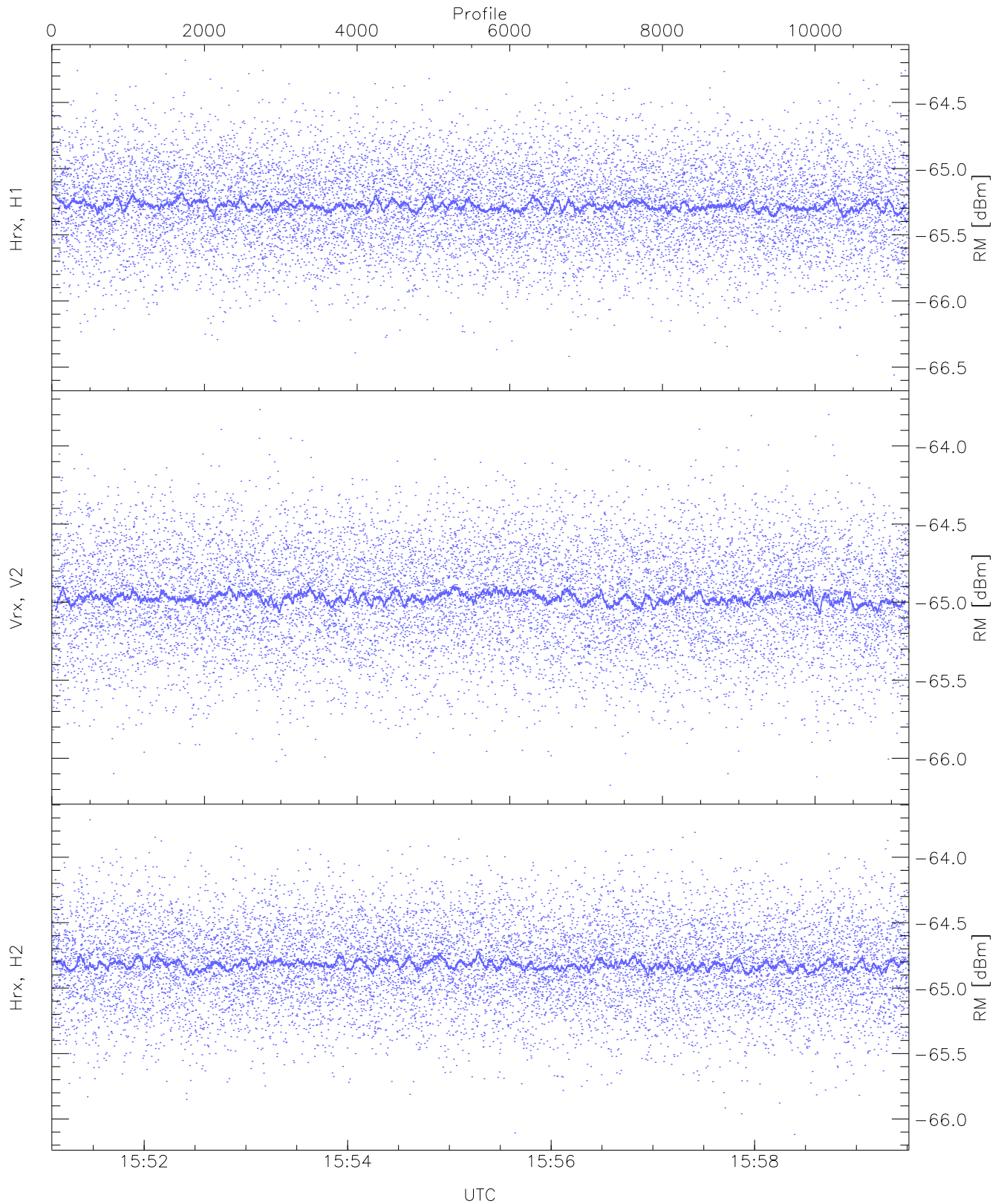
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.95	-63.68	-64.81	-64.81	-76.34
Vrx, V2 (WL [dBm])	-66.18	-63.64	-64.89	-64.89	-76.41
Hrx, H2 (WL [dBm])	-66.13	-63.64	-64.81	-64.82	-76.26



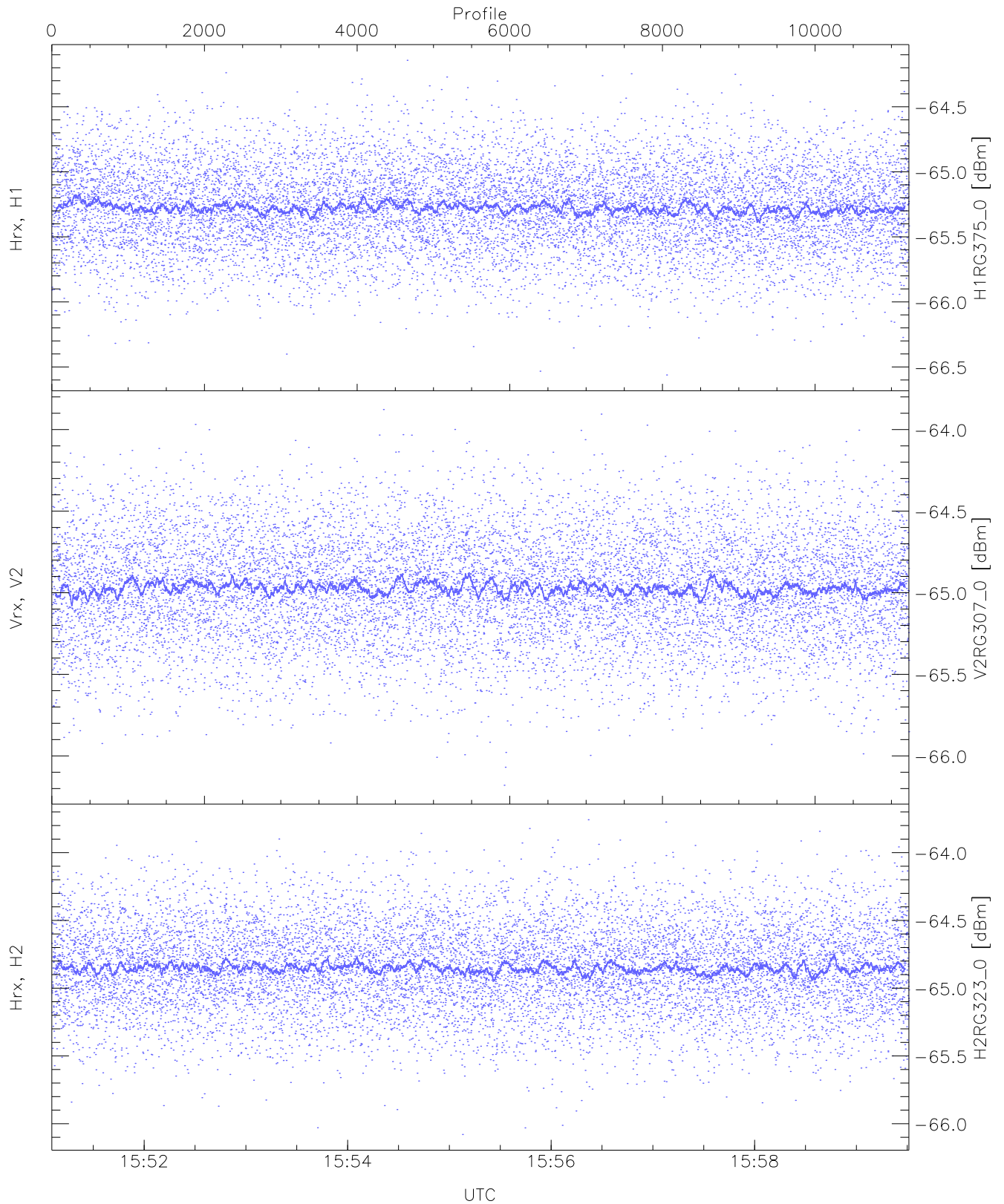
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.80	-63.54	-64.59	-64.60	-76.07
Vrx, V2 (HL [dBm])	-65.76	-63.60	-64.69	-64.70	-76.19
Hrx, H2 (HL [dBm])	-65.96	-63.34	-64.59	-64.60	-76.09



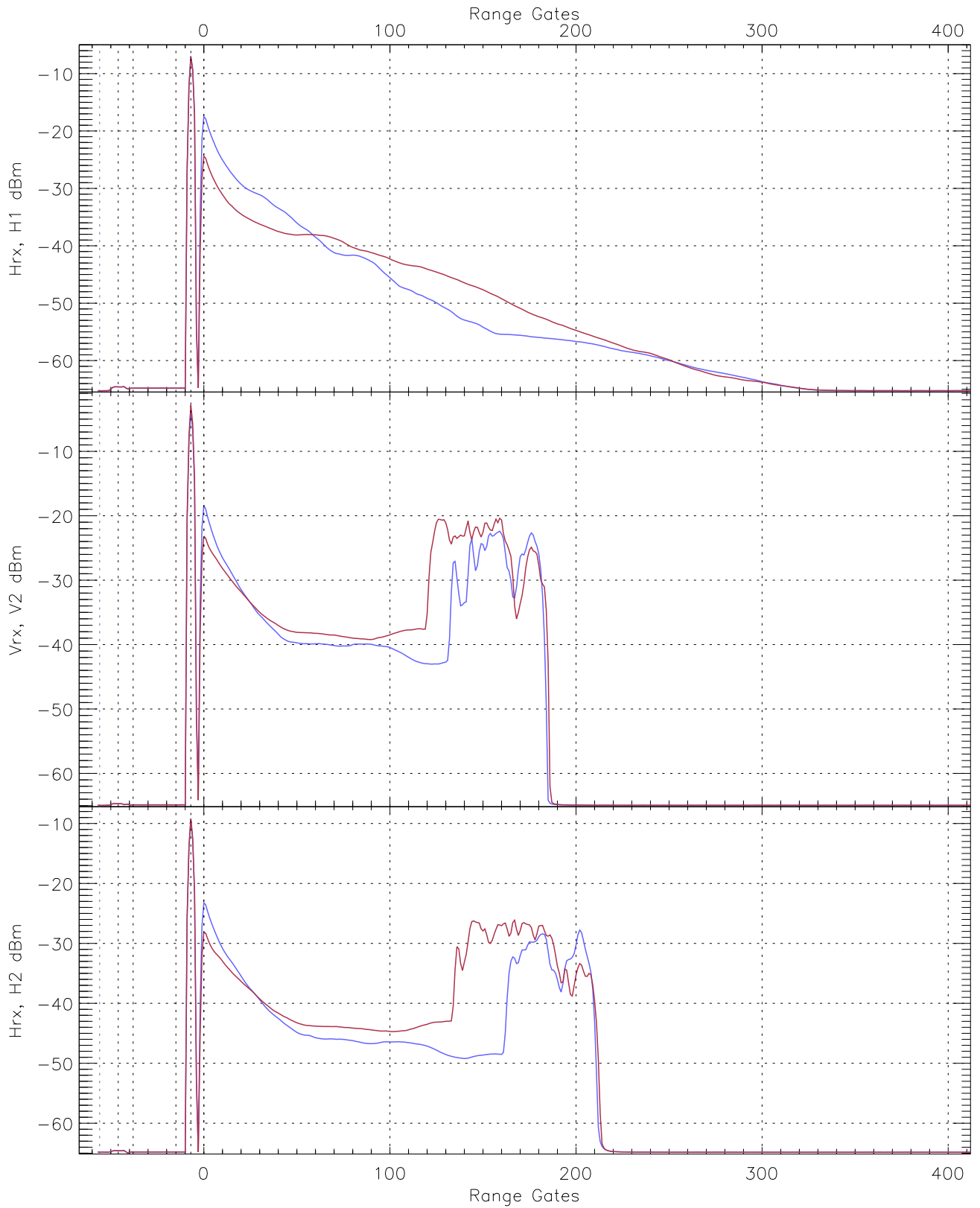
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.56	-64.18	-65.27	-65.28	-76.76
Vrx, V2 (RM [dBm])	-66.17	-63.77	-64.96	-64.97	-76.42
Hrx, H2 (RM [dBm])	-66.12	-63.71	-64.81	-64.82	-76.34

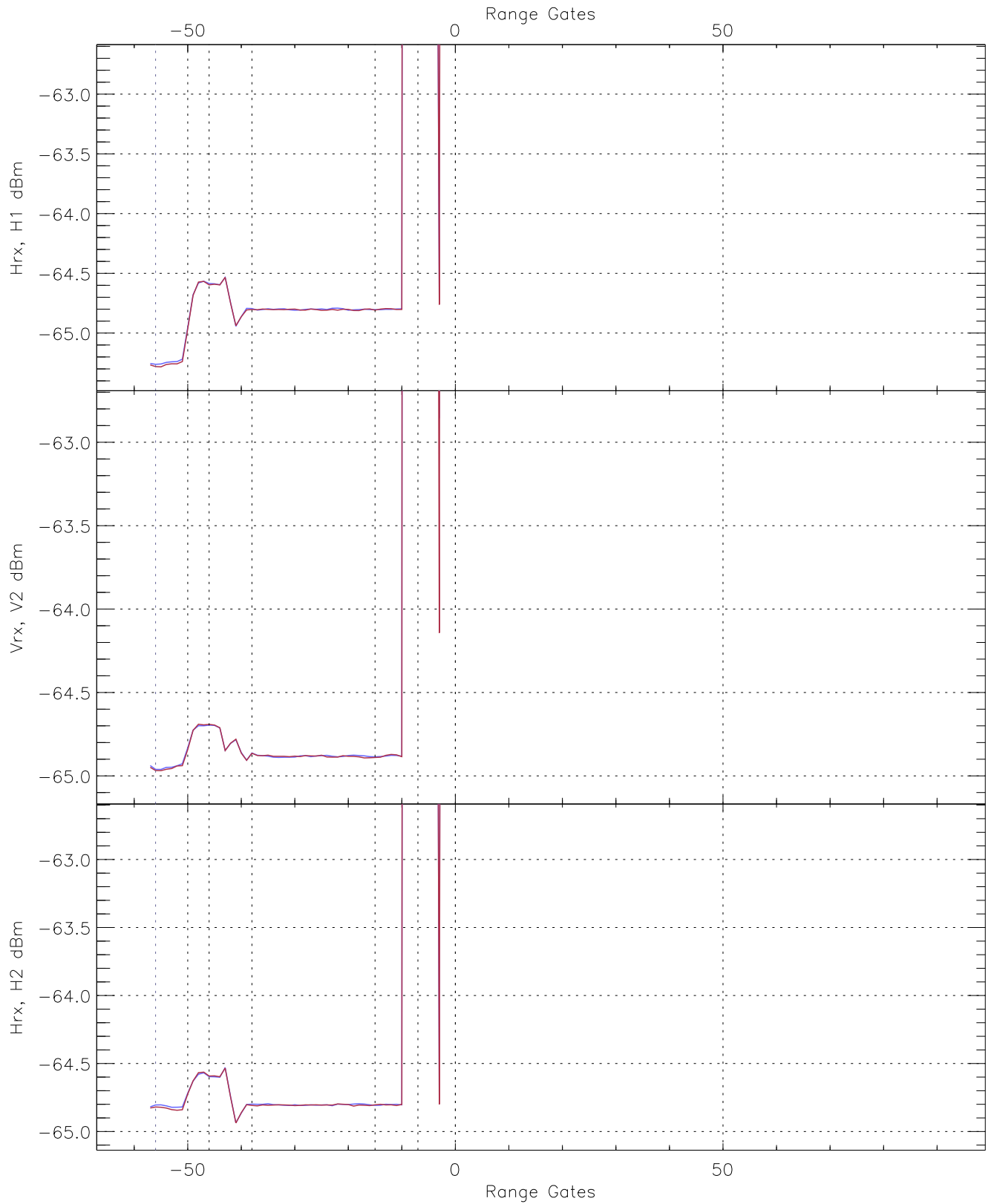


WCR3 CPP "Best" estimate Receivers Noise Power

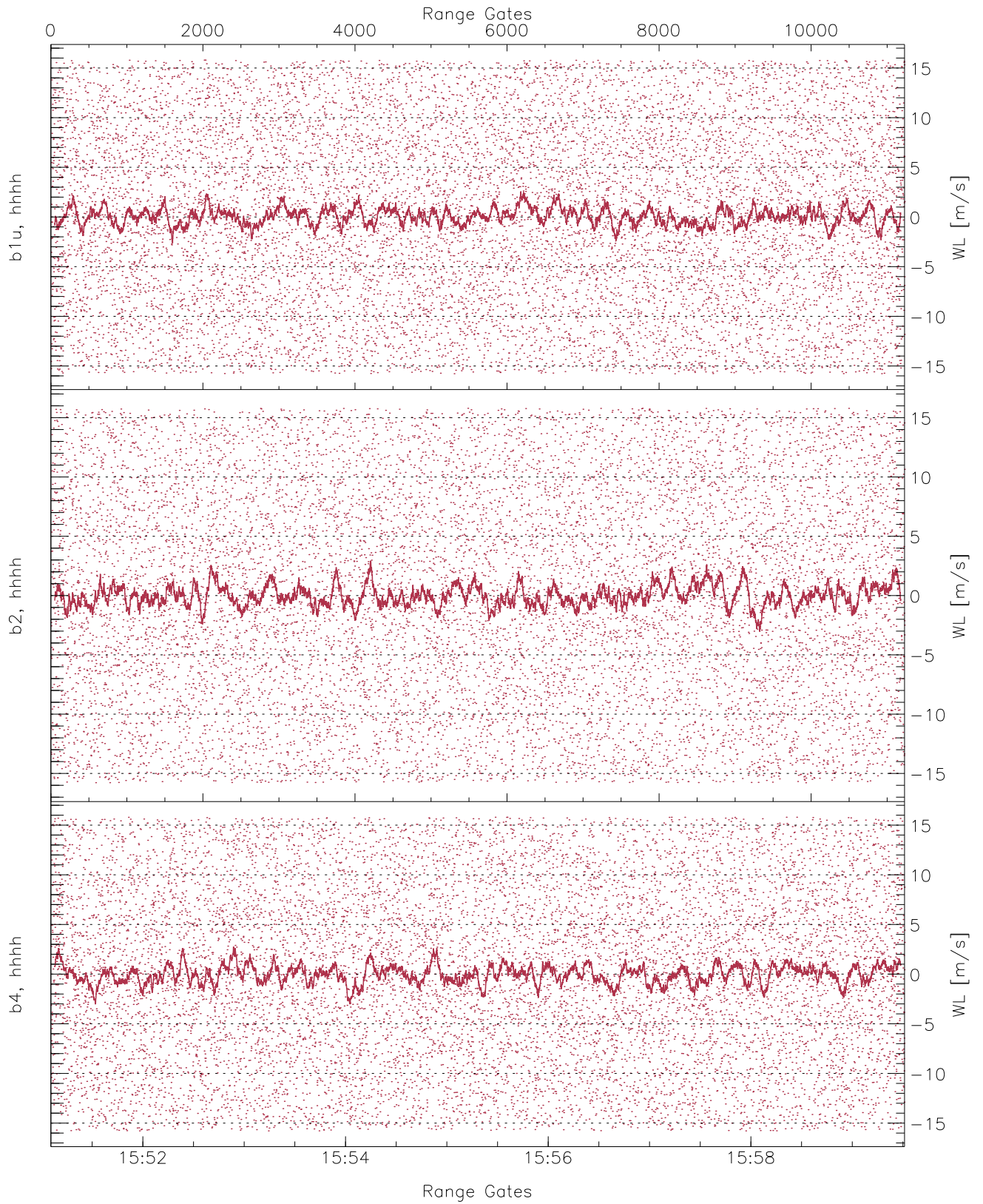
	Min	Max	Mean	Median	StDev
H1RG375_0 [dBm]	-66.56	-64.14	-65.27	-65.28	-76.75
V2RG307_0 [dBm]	-66.18	-63.88	-64.96	-64.97	-76.46
H2RG323_0 [dBm]	-66.08	-63.76	-64.84	-64.86	-76.39



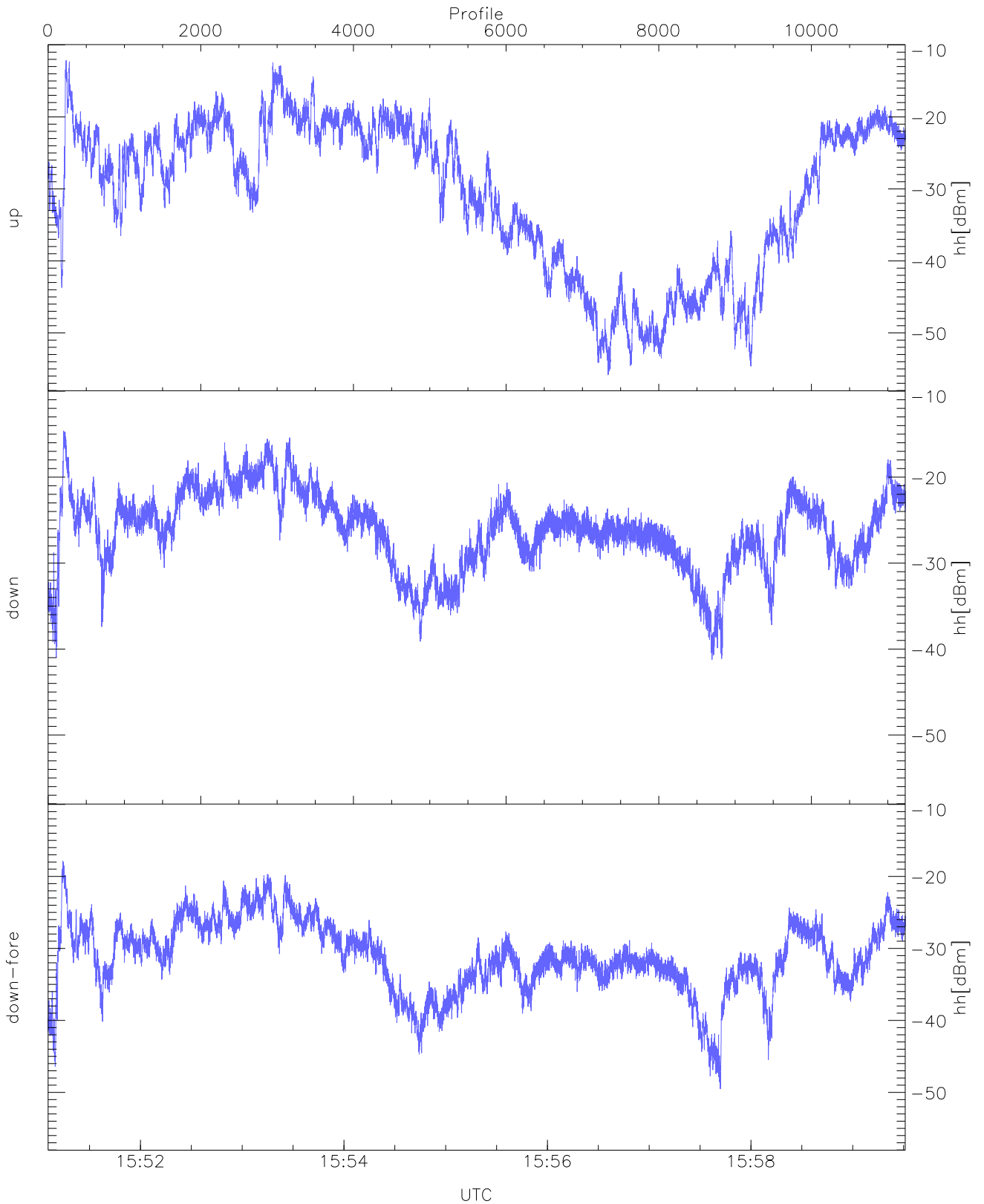
WCR3 CPP Averaged Received power for all recorded gates
blue: 155106-155518, 5616 profiles averaged
red: 155518-155931, 5615 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 155106-155518, 5616 profiles averaged
red: 155518-155931, 5615 profiles averaged

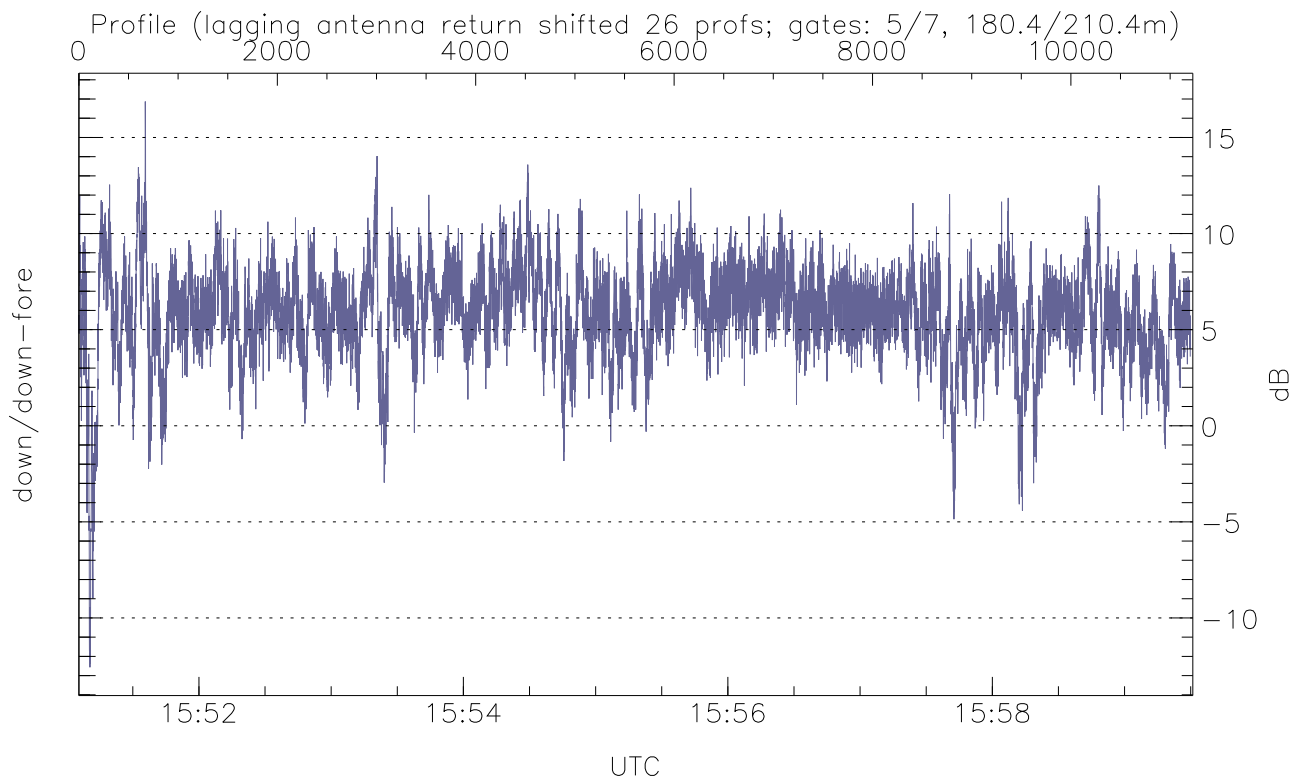
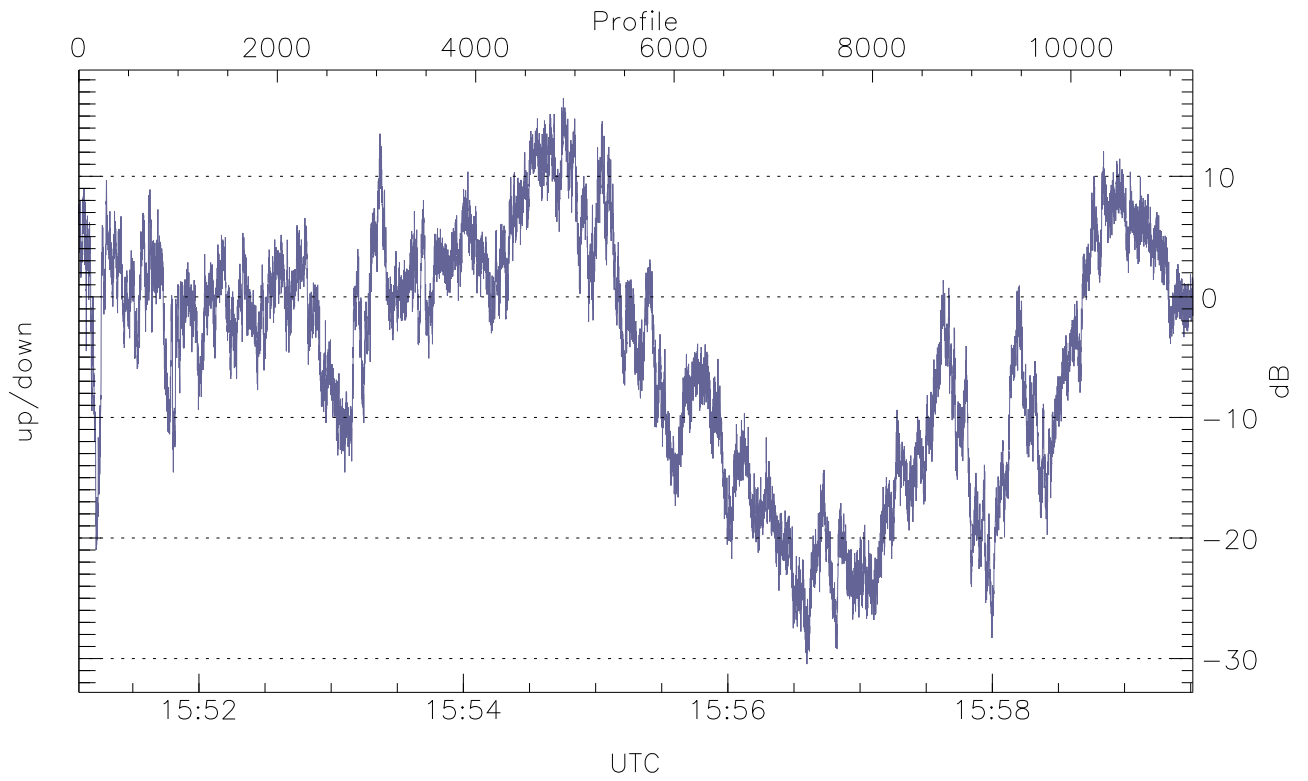


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



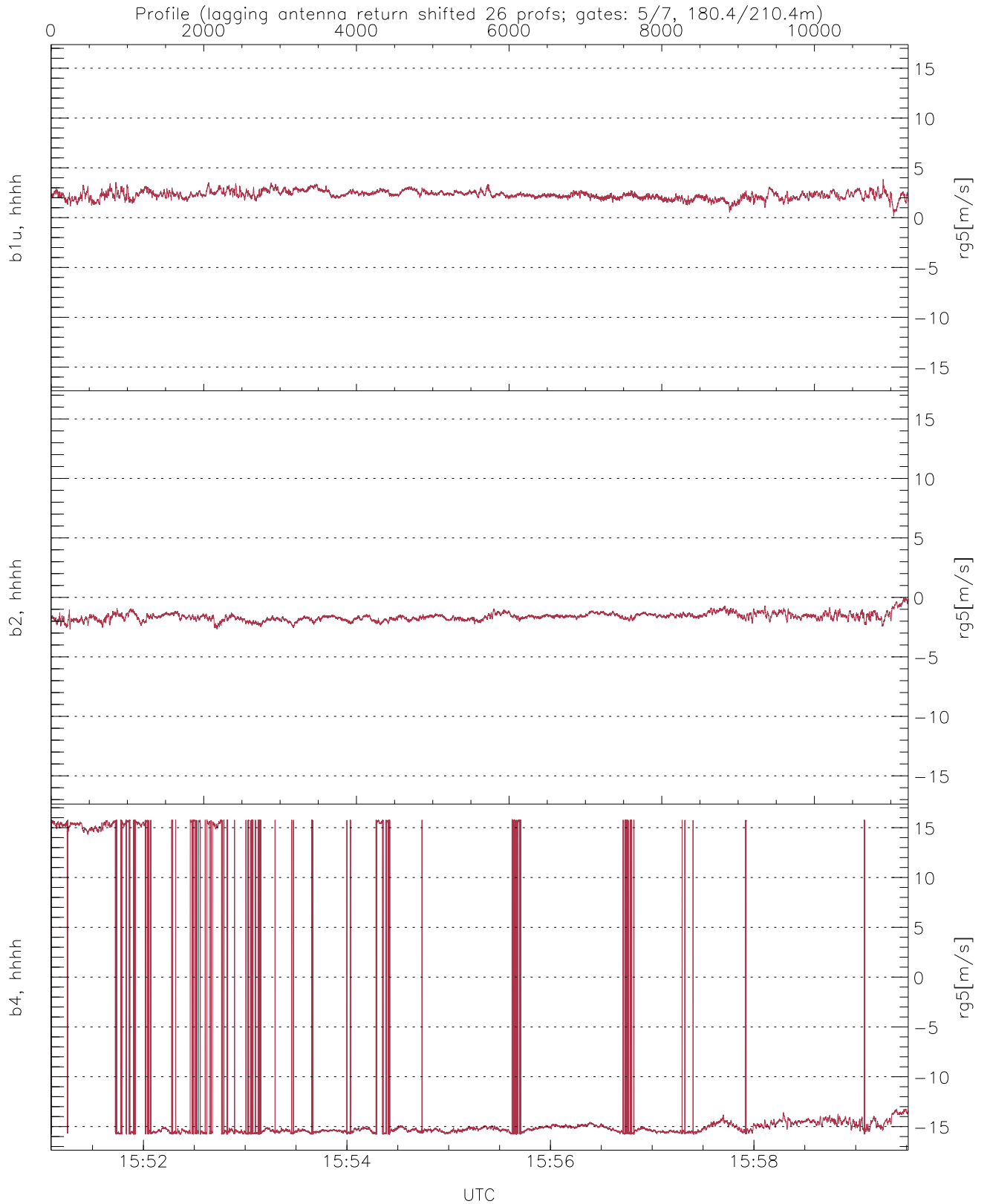
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-55.85	-12.13	-23.81
down(hh[dBm])	-41.23	-14.62	-24.23
down-fore(hh[dBm])	-49.54	-17.84	-28.81



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

	Min	Max	Mean
up/down (dB)	-30.46	16.47	-4.51
down/down-fore (dB)	-12.57	16.87	5.85



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.16	3.86	2.28	0.41
b2, hhhh(rg5[m/s])	-2.68	-0.02	-1.63	0.32
b4, hhhh(rg5[m/s])	-15.79	15.79	-10.54	10.96