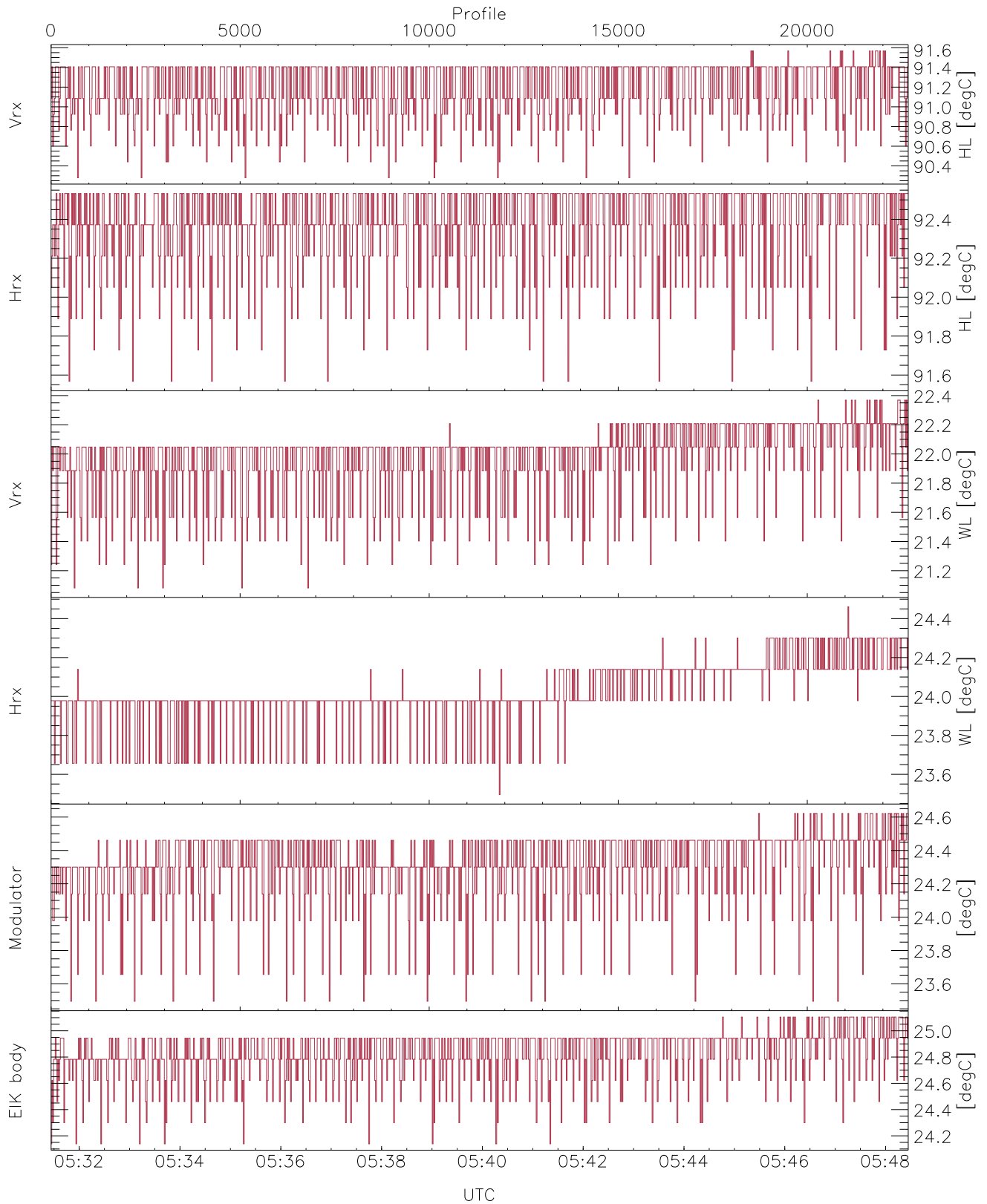


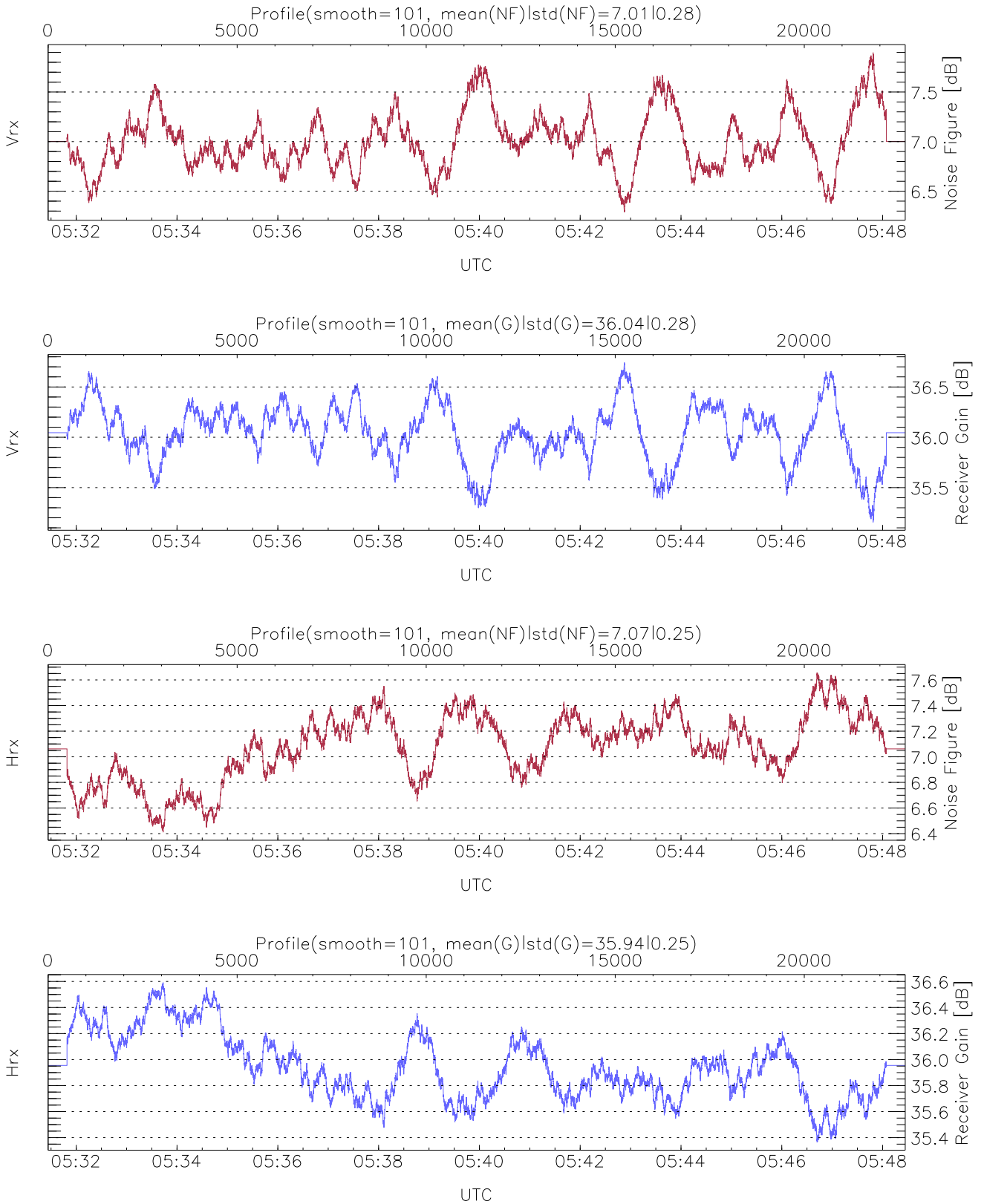
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 05:31:27-05:48:27, 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, 0-22671/05:31:27-05:48:27  
 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



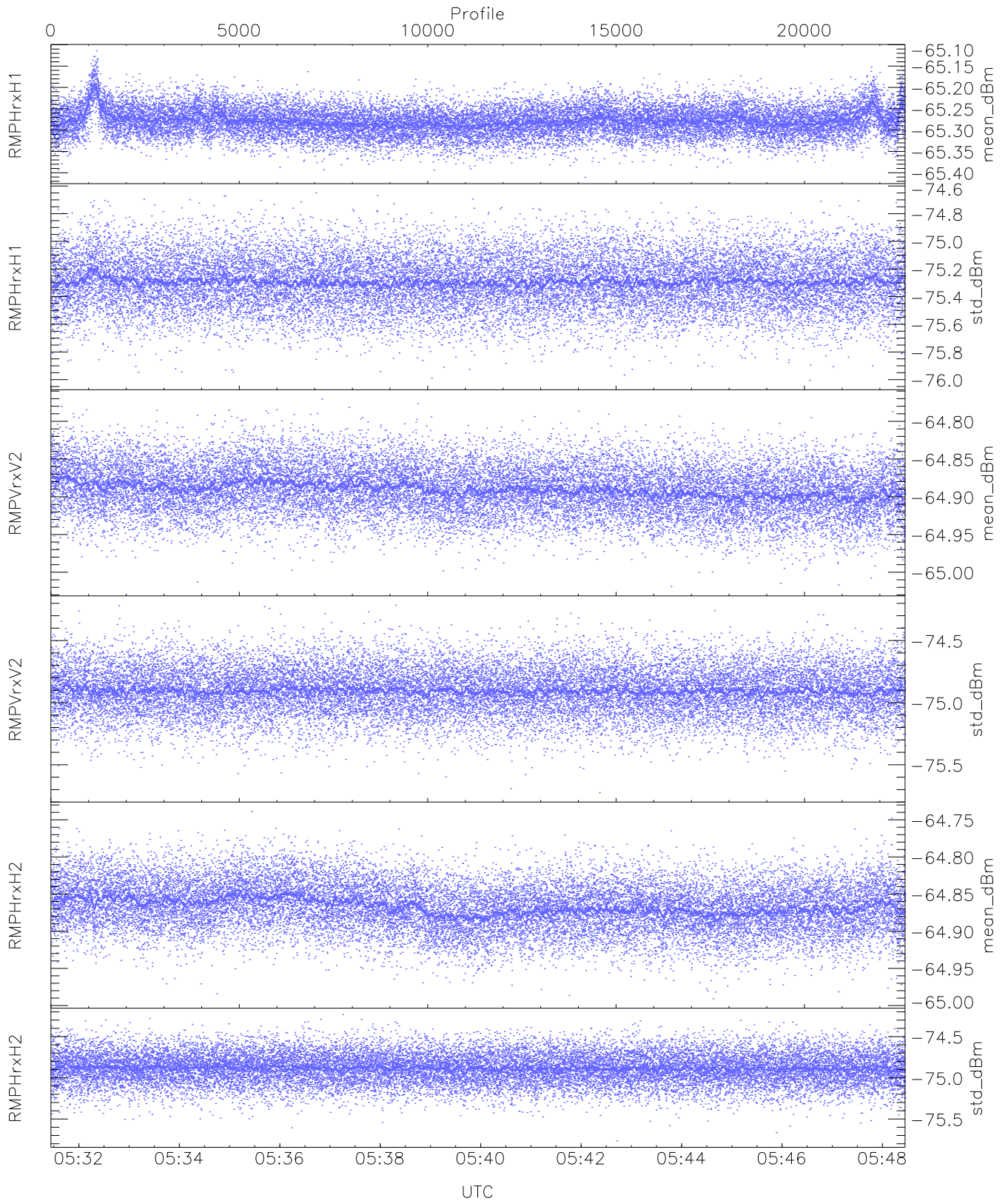
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,23,24  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,24,24,25  
LOalarm(20,240,2817,14861 MHz): 0,0,22,0  
EIK/Modulator Faults: None



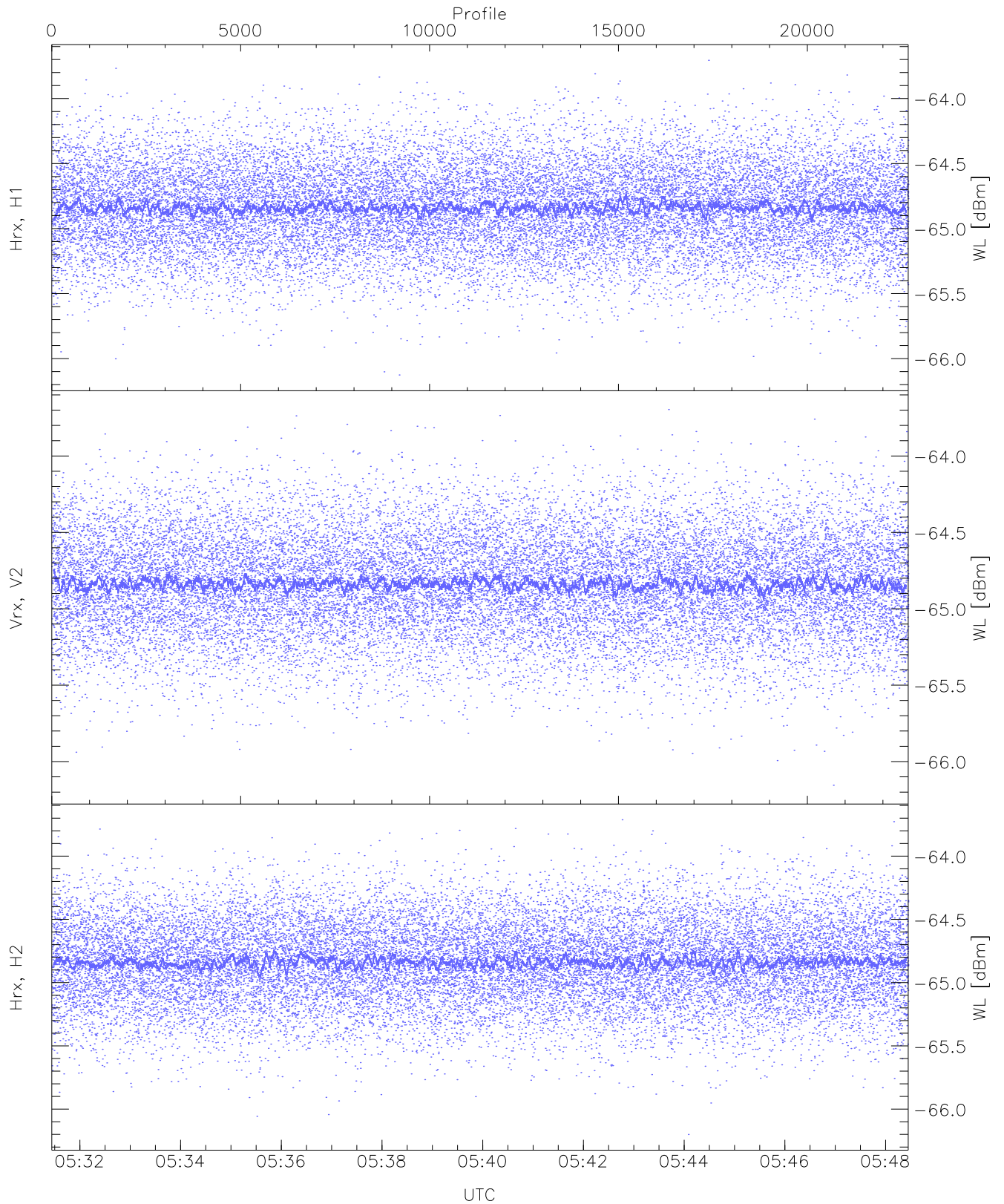
WCR3 CPP Receivers Gain and Noise Figure

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



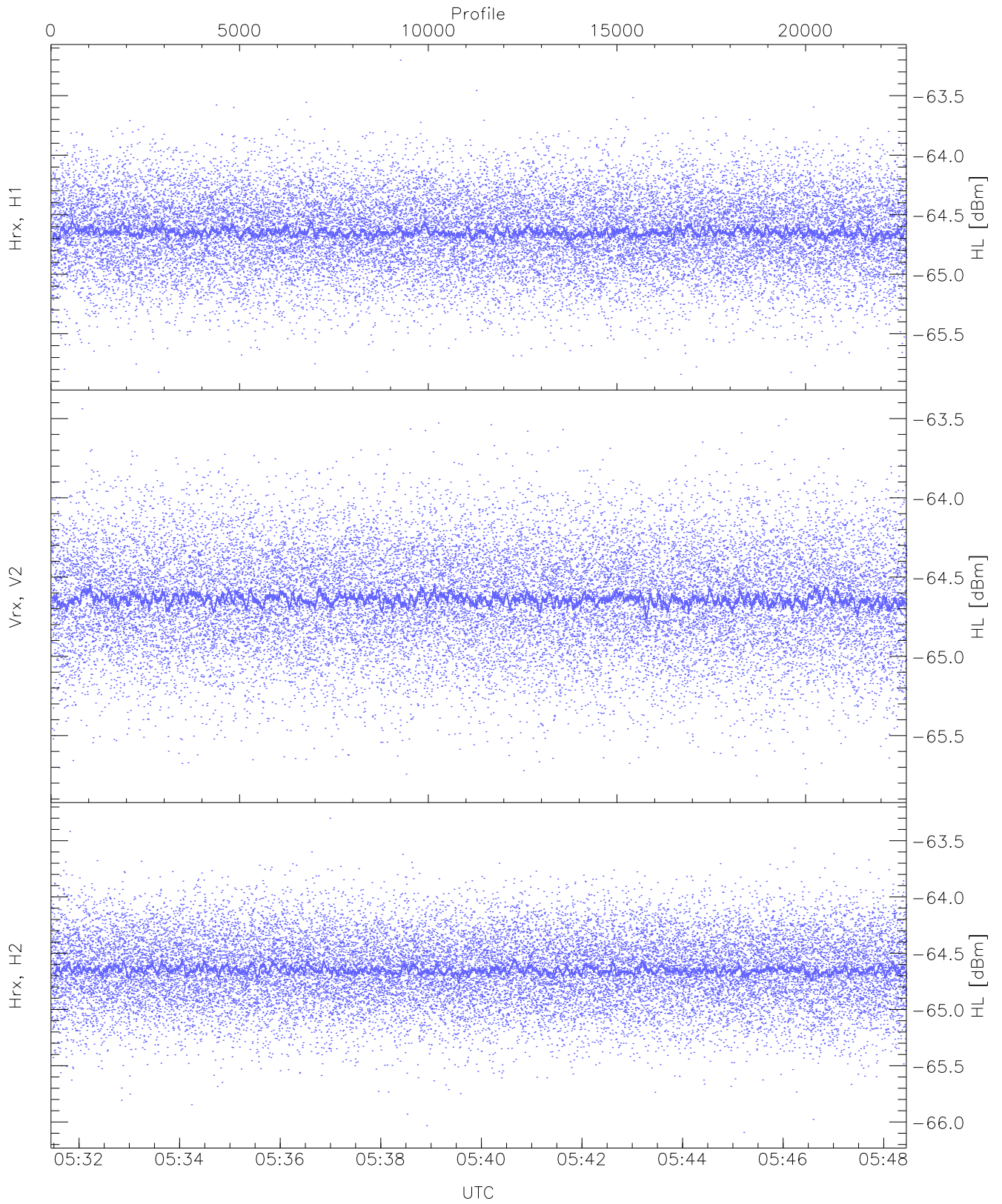
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.11	-65.28	-65.28	-86.51
RMPHrxH1(std_dBm)	-76.01	-74.65	-75.29	-75.29	-89.08
RMPVrxV2(mean_dBm)	-65.02	-64.77	-64.89	-64.89	-86.36
RMPVrxV2(std_dBm)	-75.72	-74.22	-74.90	-74.91	-88.72
RMPHrxH2(mean_dBm)	-64.99	-64.74	-64.87	-64.87	-86.31
RMPHrxH2(std_dBm)	-75.77	-74.23	-74.88	-74.88	-88.74



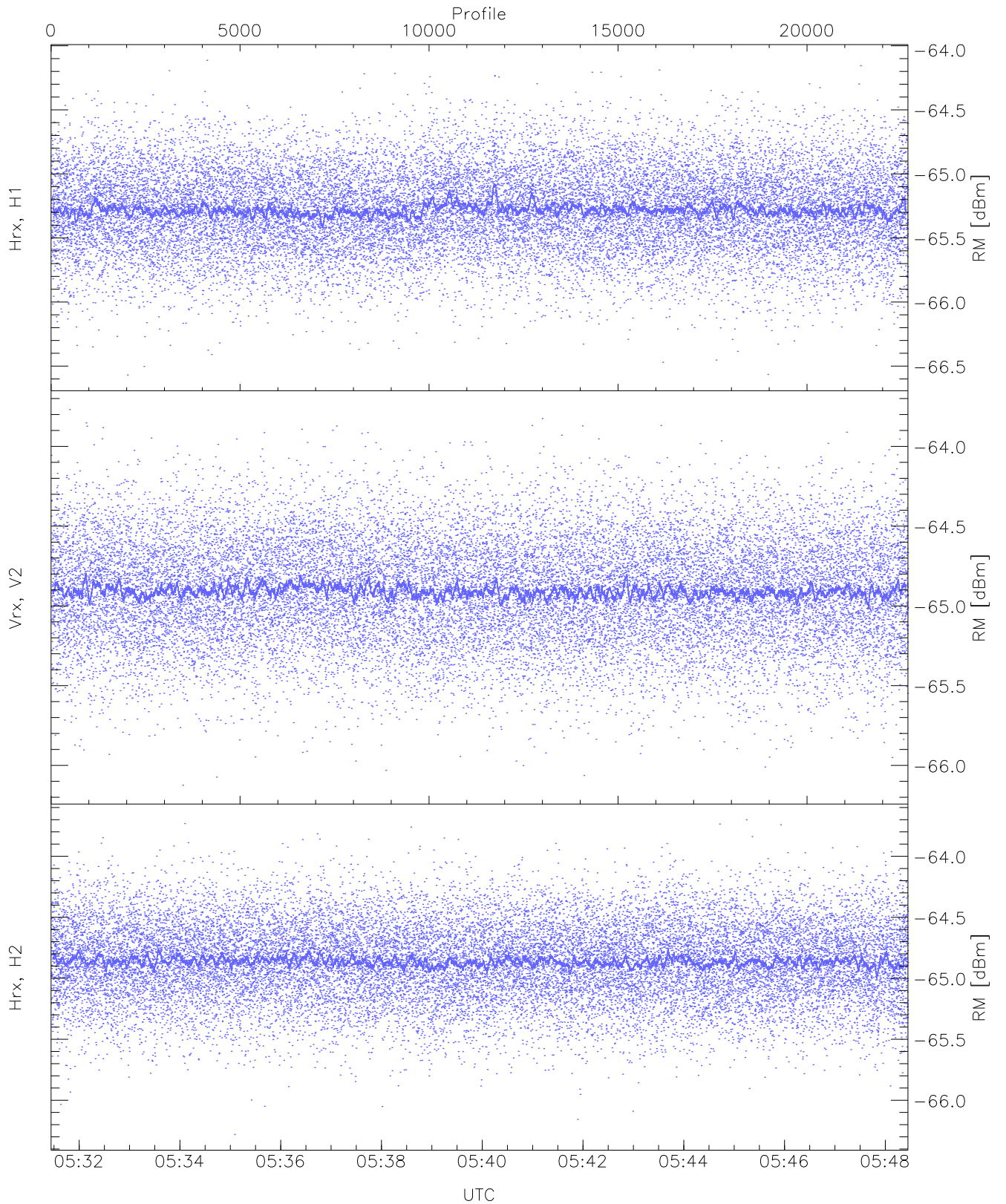
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.13	-63.71	-64.83	-64.84	-76.34
Vrx, V2(WL [dBm])	-66.16	-63.70	-64.83	-64.84	-76.36
Hrx, H2(WL [dBm])	-66.20	-63.71	-64.83	-64.84	-76.33



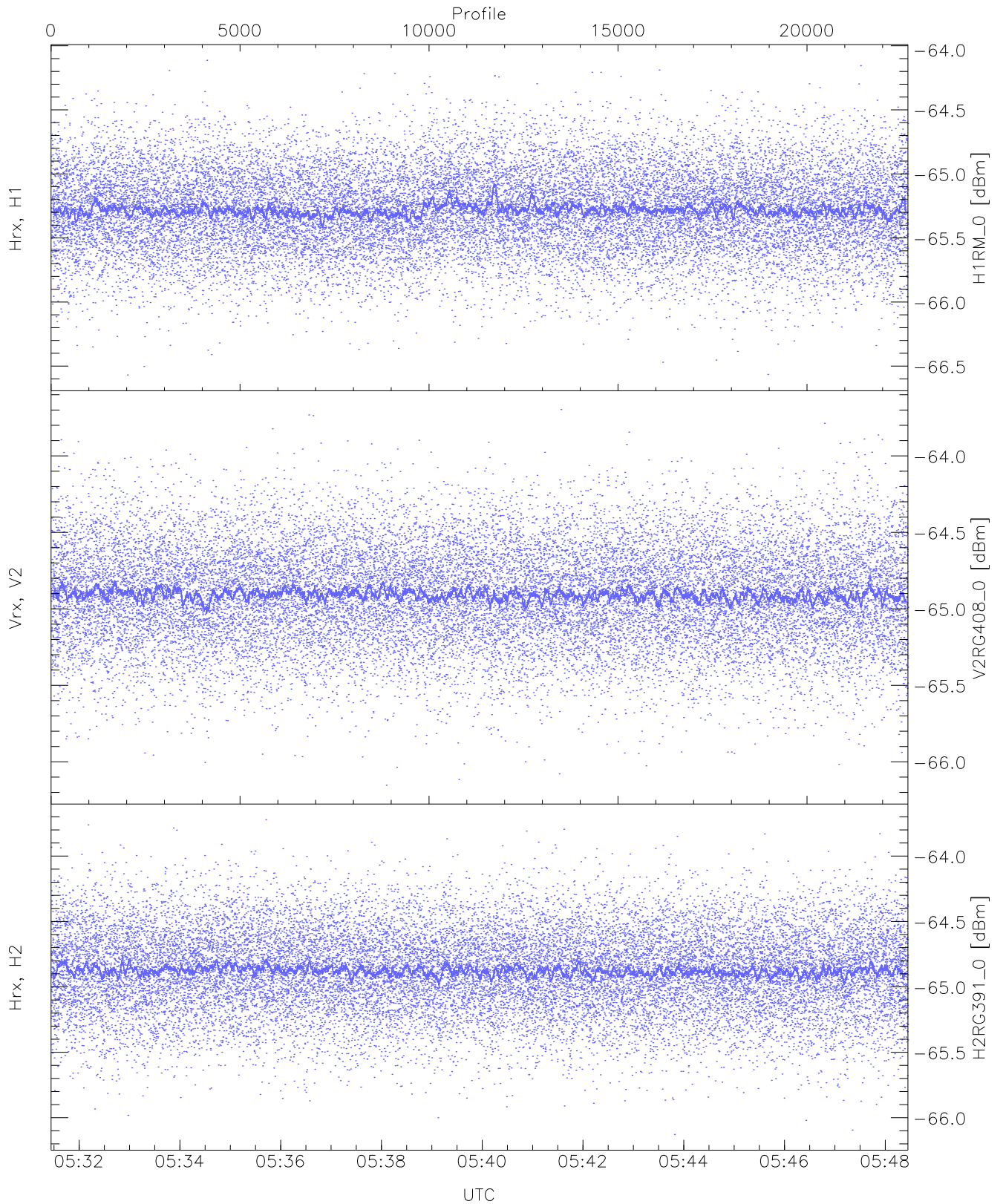
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.84	-63.20	-64.64	-64.65	-76.15
Vrx, V2 (HL [dBm])	-65.80	-63.44	-64.63	-64.64	-76.14
Hrx, H2 (HL [dBm])	-66.09	-63.30	-64.64	-64.65	-76.16



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

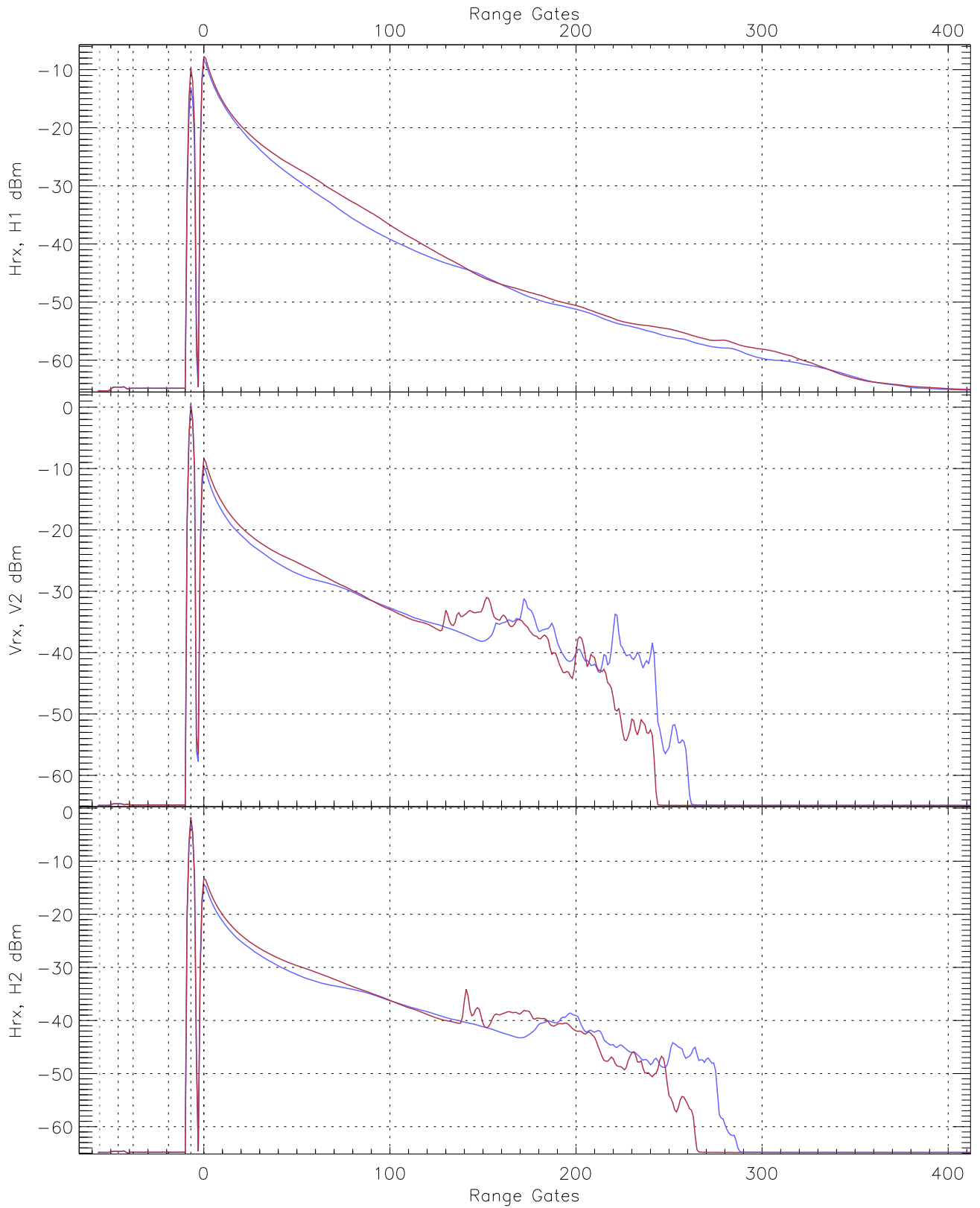
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.57	-64.11	-65.27	-65.28	-76.76
Vrx, V2 (RM [dBm])	-66.12	-63.77	-64.90	-64.91	-76.39
Hrx, H2 (RM [dBm])	-66.28	-63.70	-64.85	-64.86	-76.34



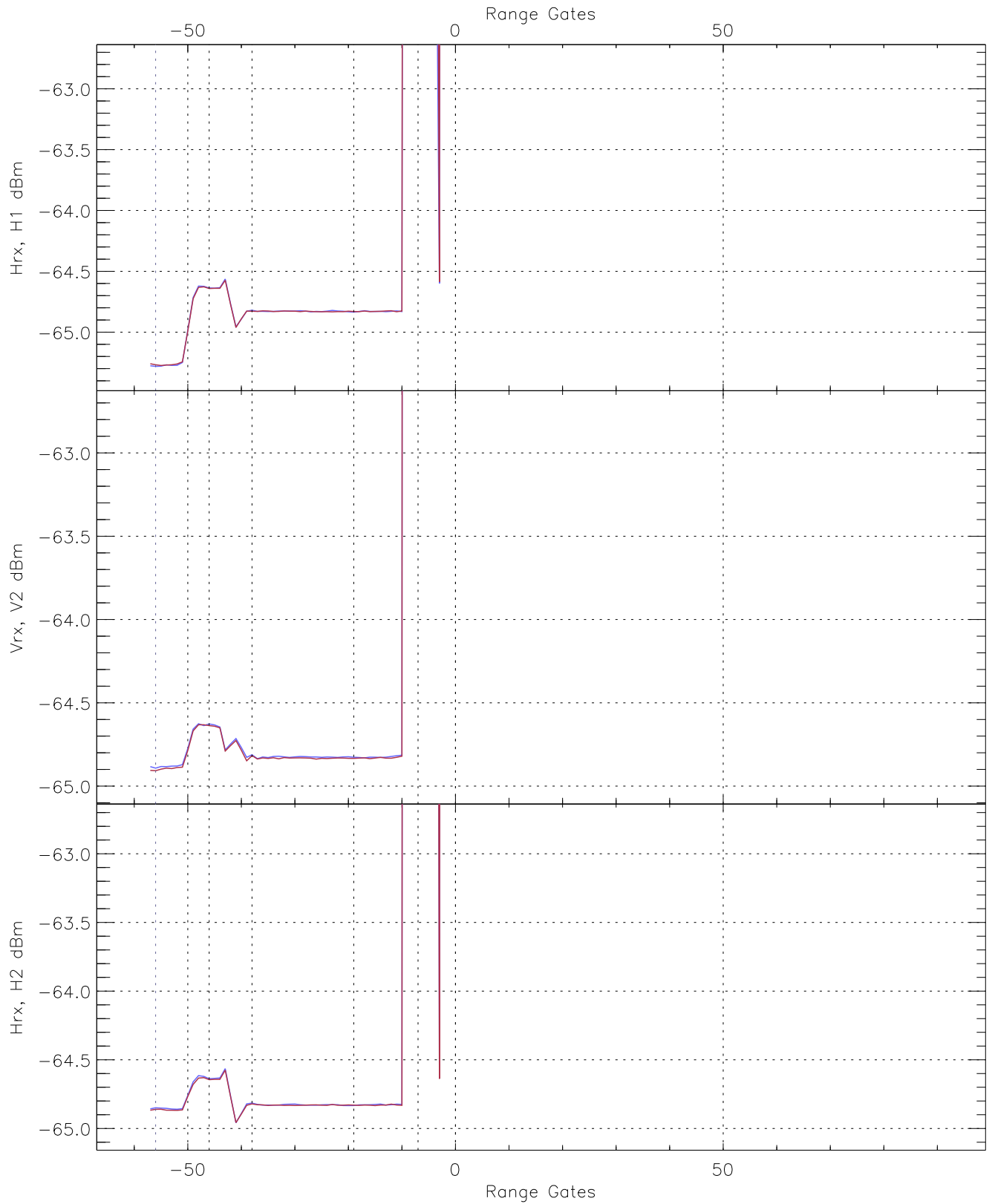
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.57	-64.11	-65.27	-65.28	-76.76
V2RG408_0 [dBm]	-66.15	-63.70	-64.90	-64.91	-76.40
H2RG391_0 [dBm]	-66.13	-63.72	-64.87	-64.88	-76.41

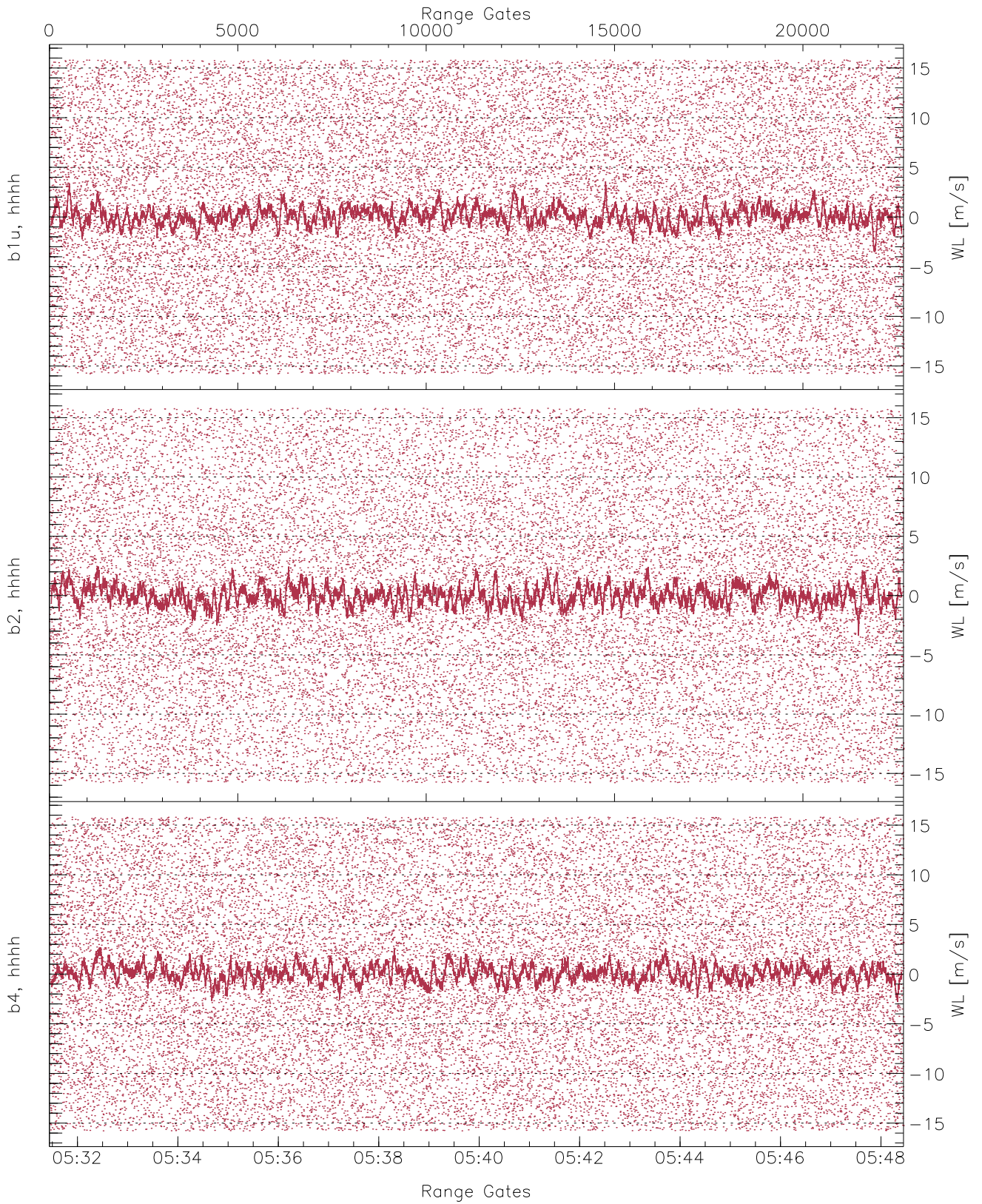




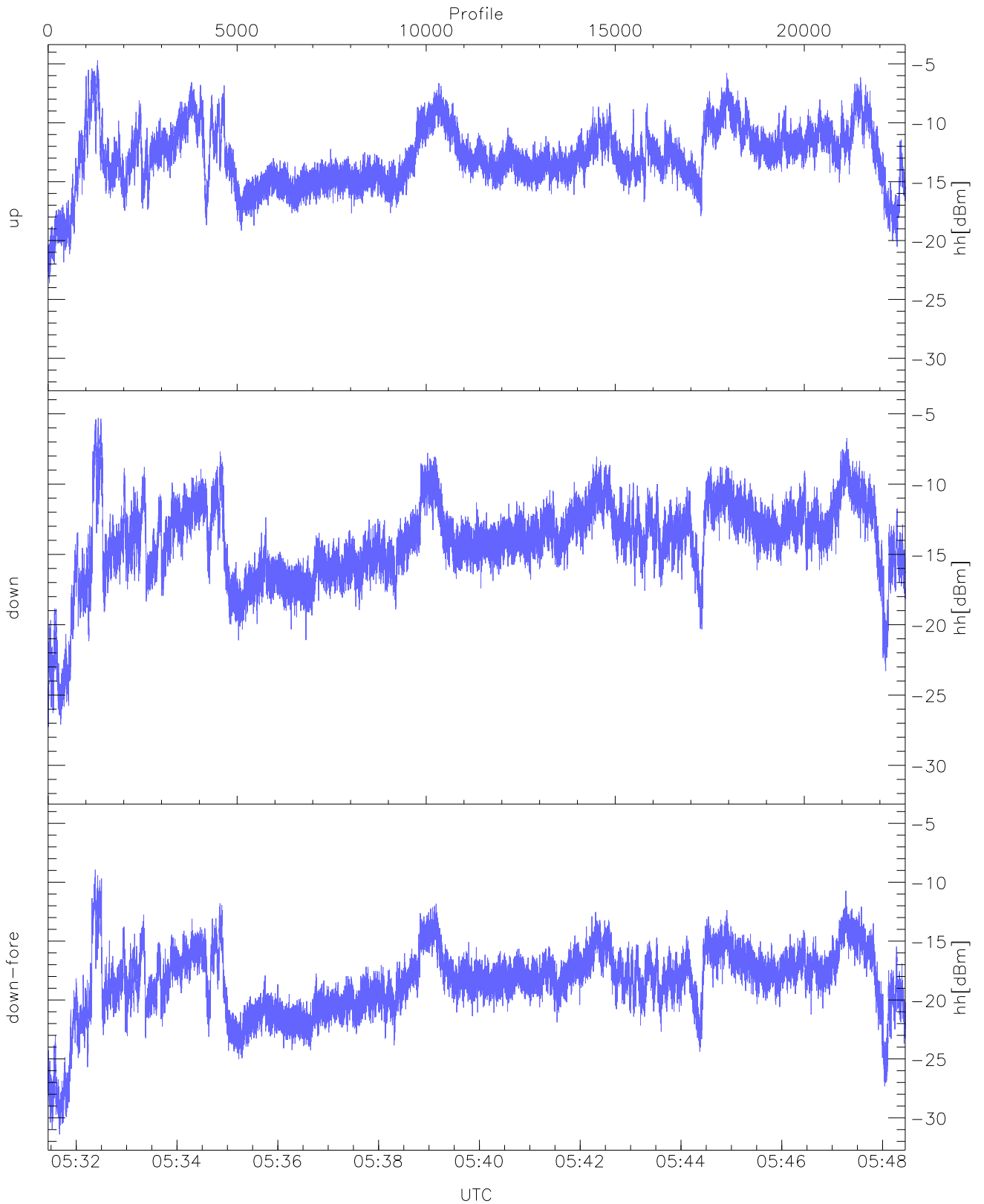
WCR3 CPP Averaged Received power for all recorded gates  
blue: 053127-053957, 11337 profiles averaged  
red: 053957-054827, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 053127-053957, 11337 profiles averaged  
red: 053957-054827, 11336 profiles averaged

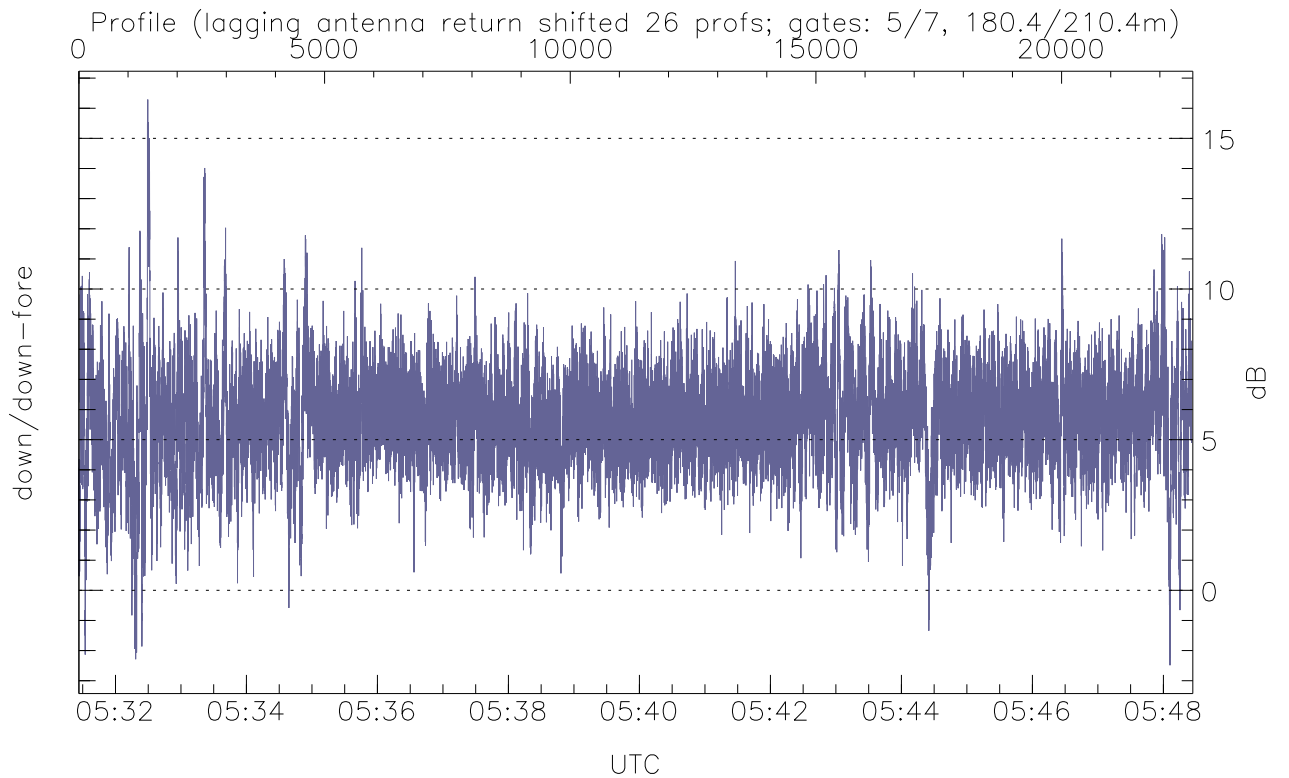
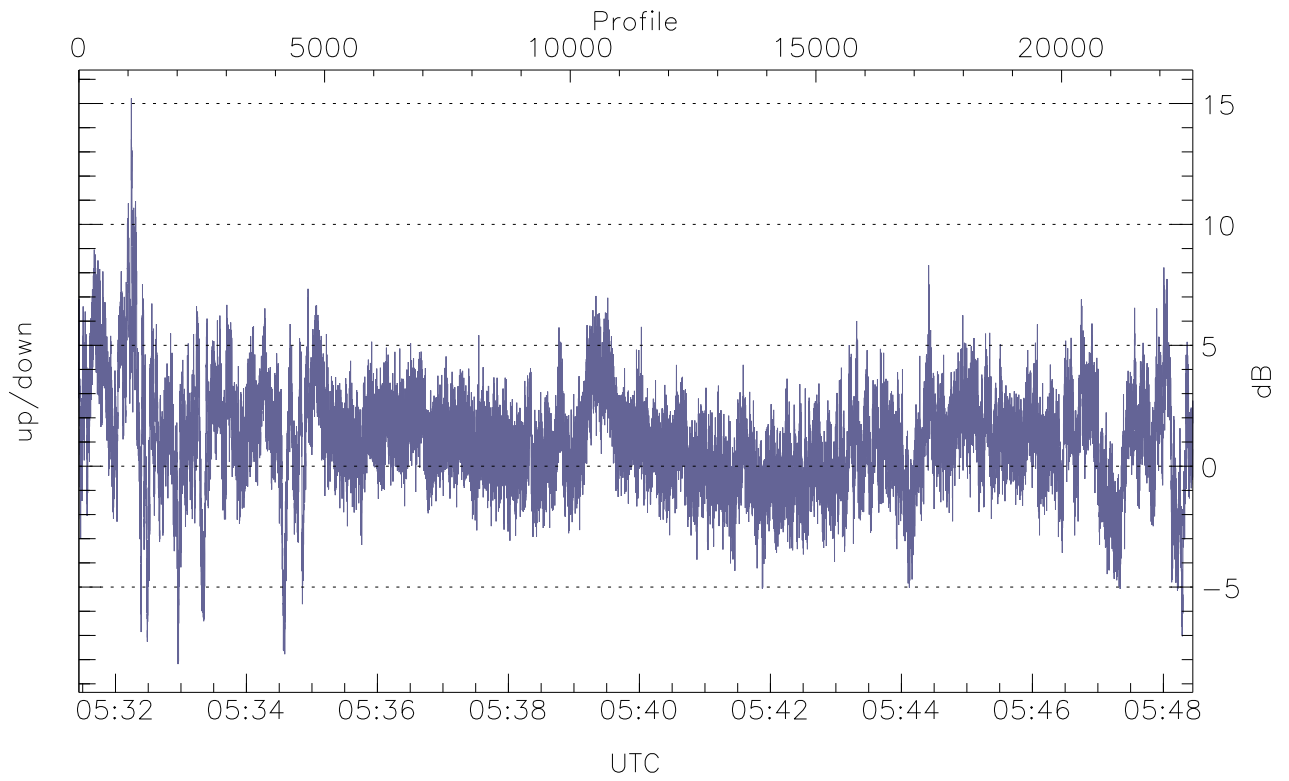


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



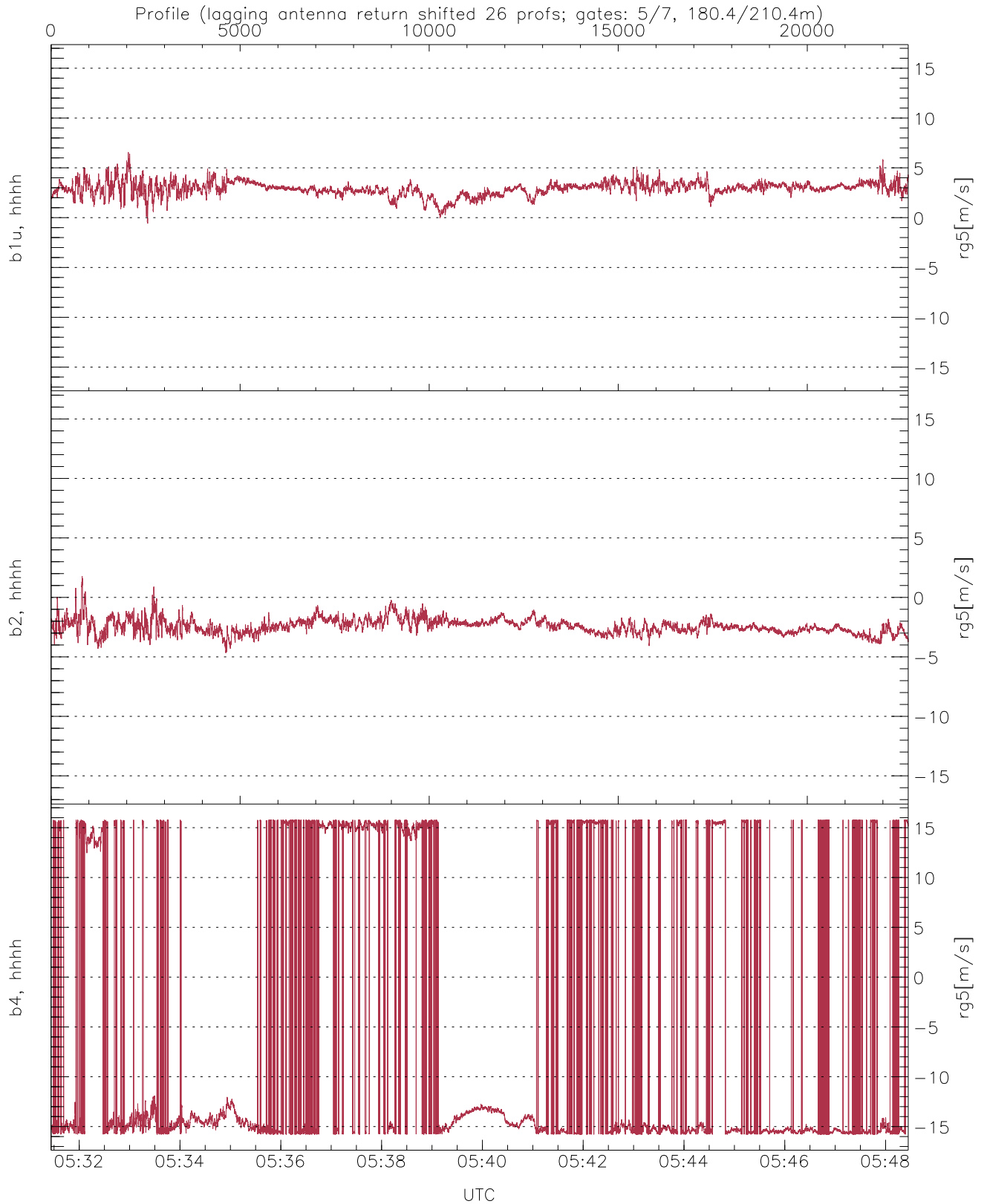
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-23.61	-4.70	-12.23
down(hh[dBm])	-27.27	-5.29	-13.24
down-fore(hh[dBm])	-31.41	-8.94	-17.64



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

	Min	Max	Mean
up/down (dB)	-8.18	15.22	1.10
down/down-fore (dB)	-2.49	16.29	5.71



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.59	6.58	2.91	0.70
b2, hhhh(rg5[m/s])	-4.68	1.79	-2.42	0.61
b4, hhhh(rg5[m/s])	-15.79	15.79	-6.26	13.74