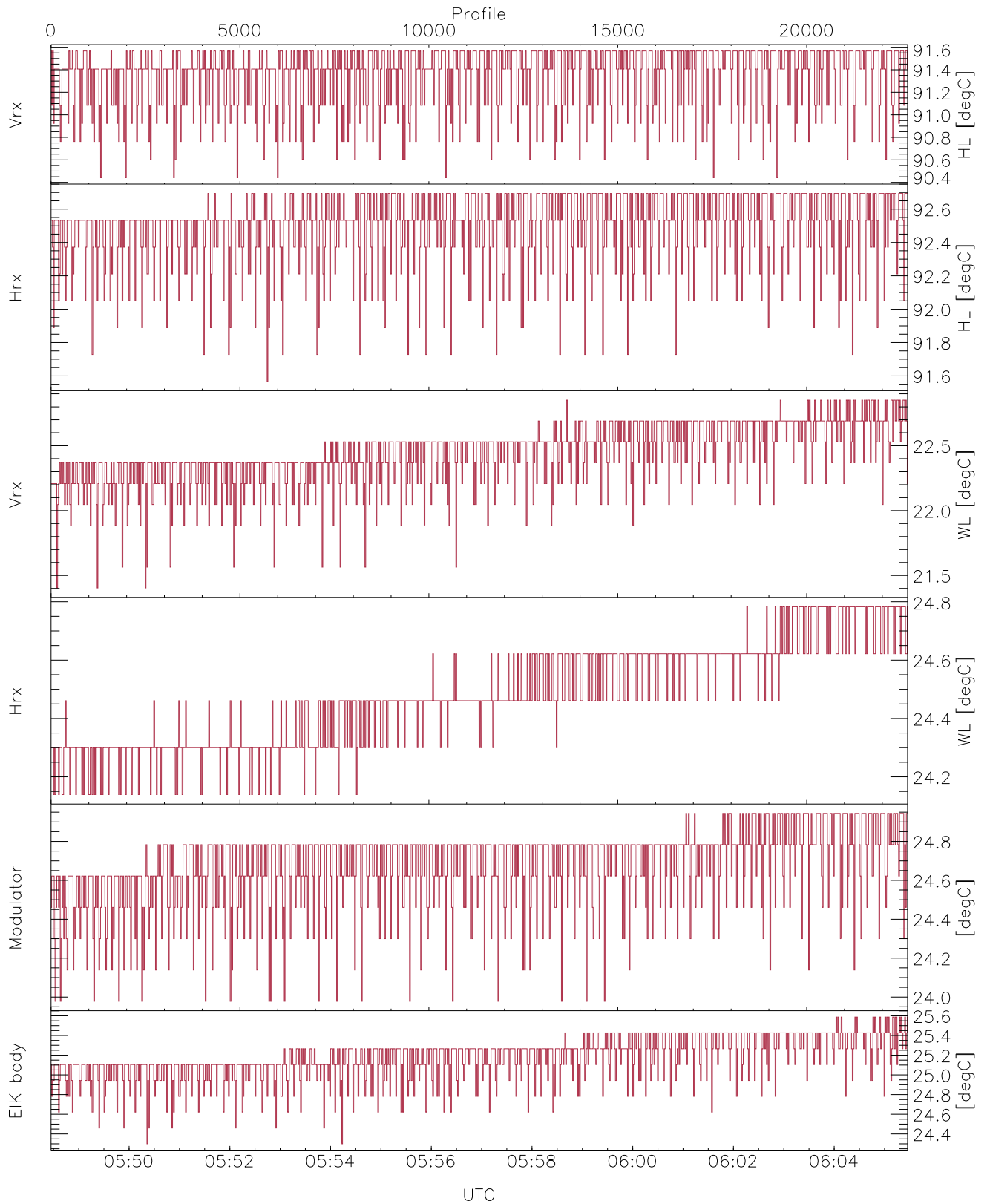




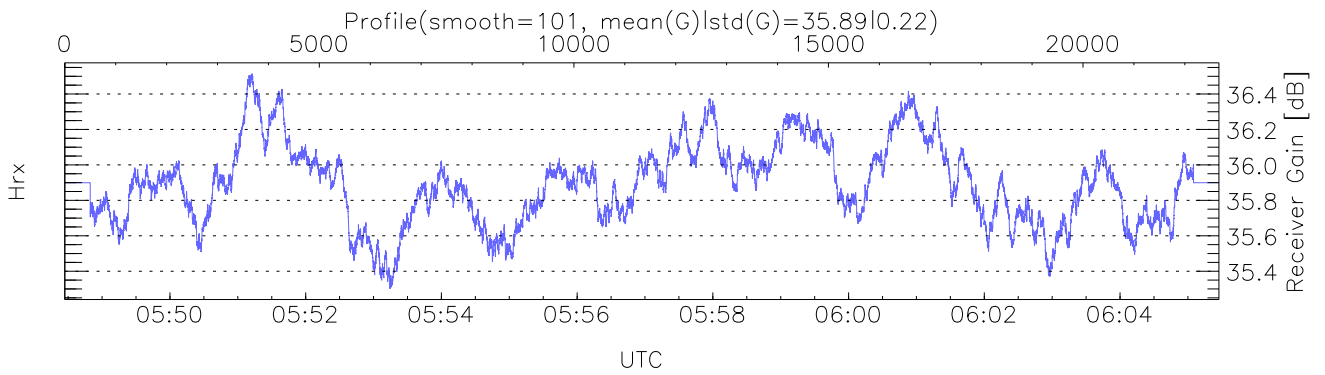
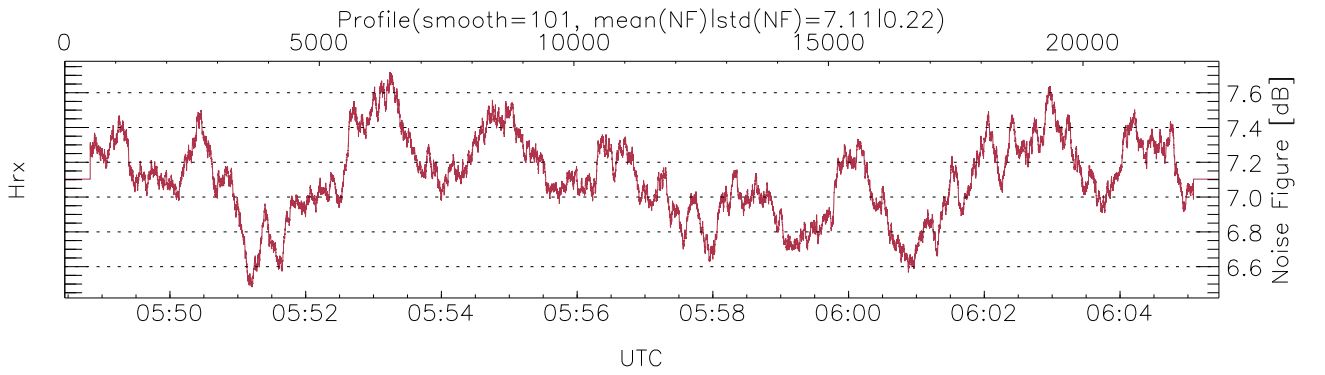
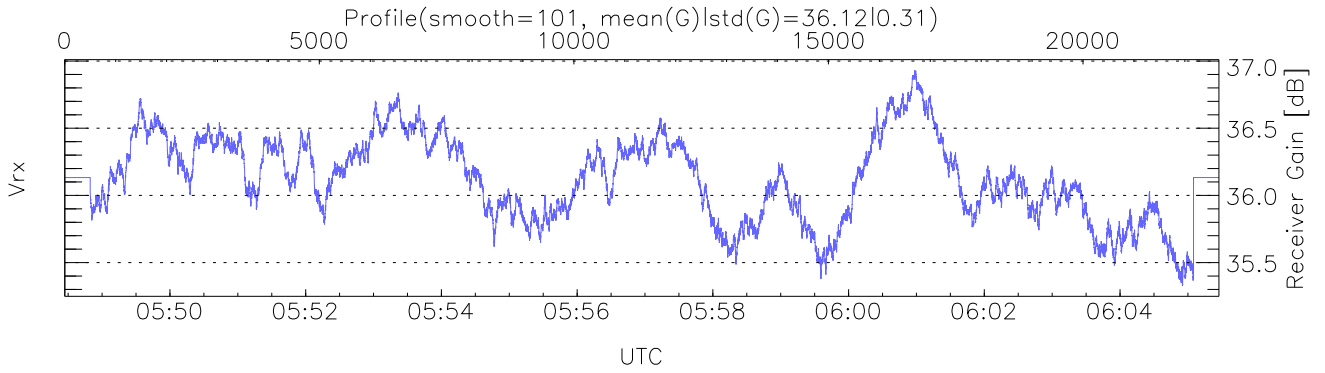
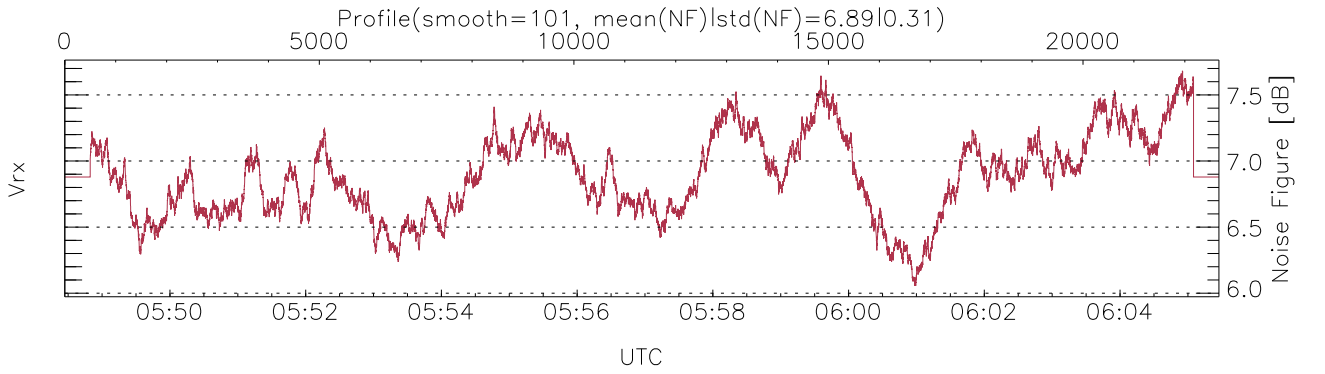
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 05:48:27-06:05:27, 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, 0-22671/05:48:27-06:05:27  
 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



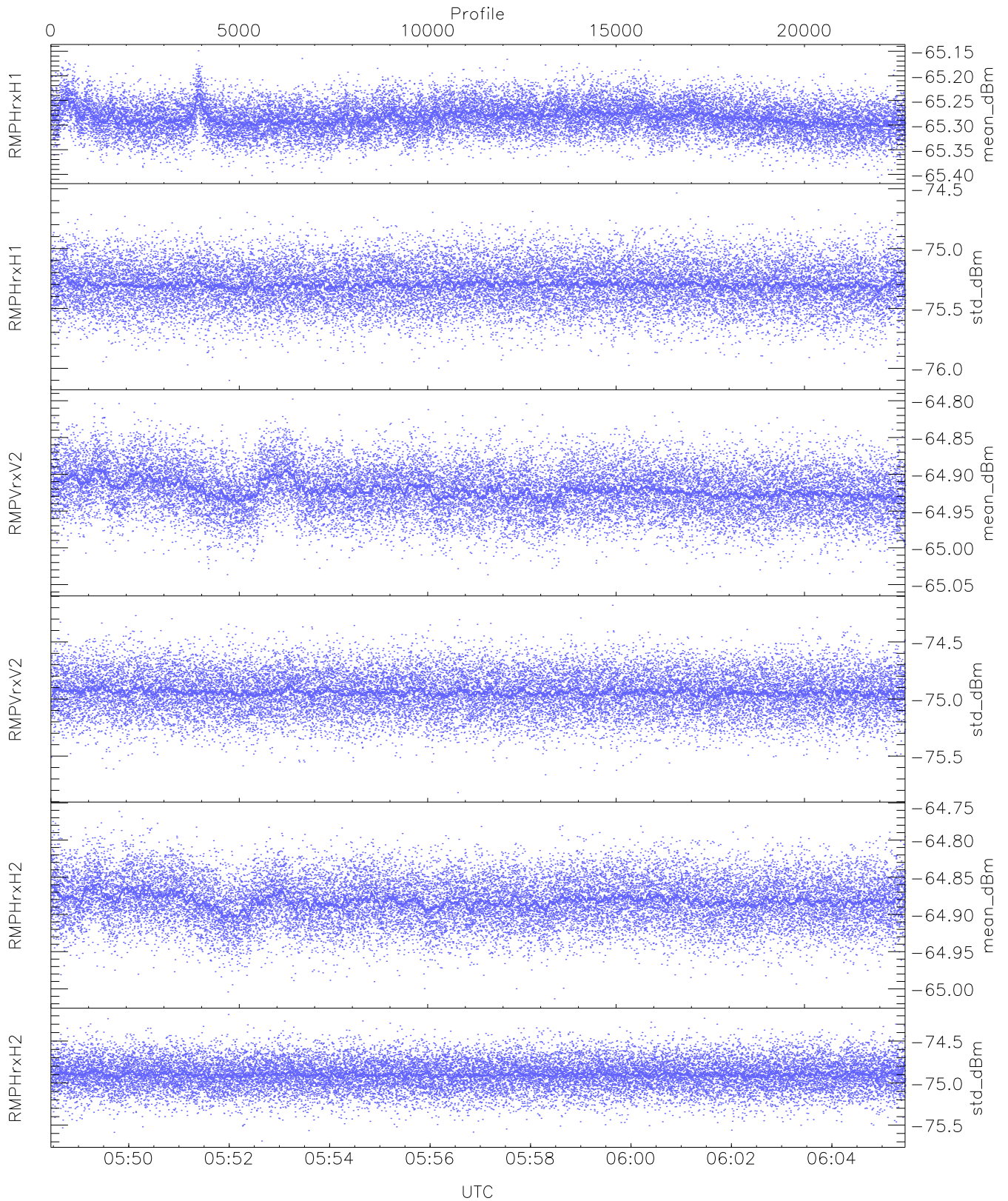
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



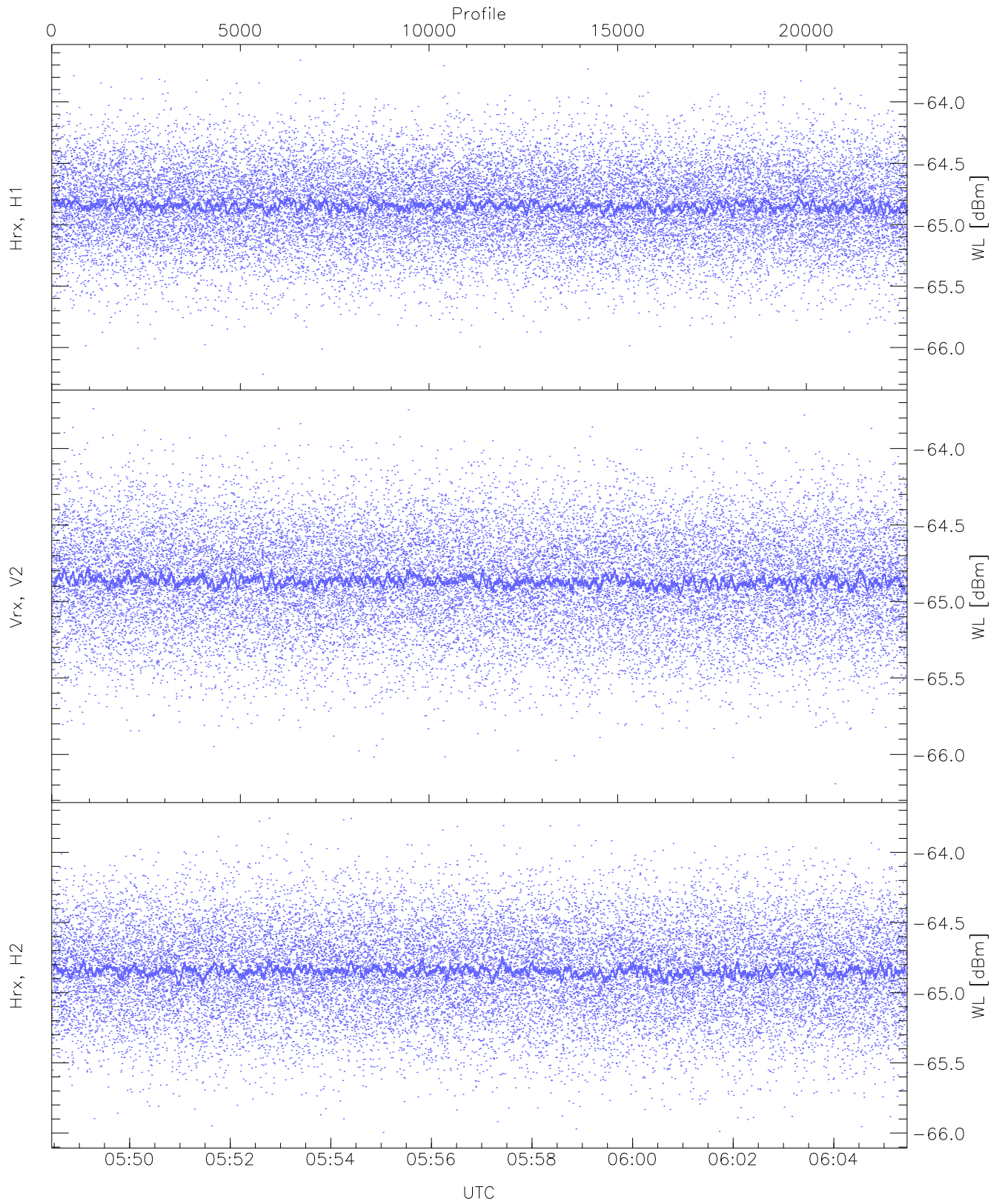
### WCR3 CPP Receivers Gain and Noise Figure

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



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

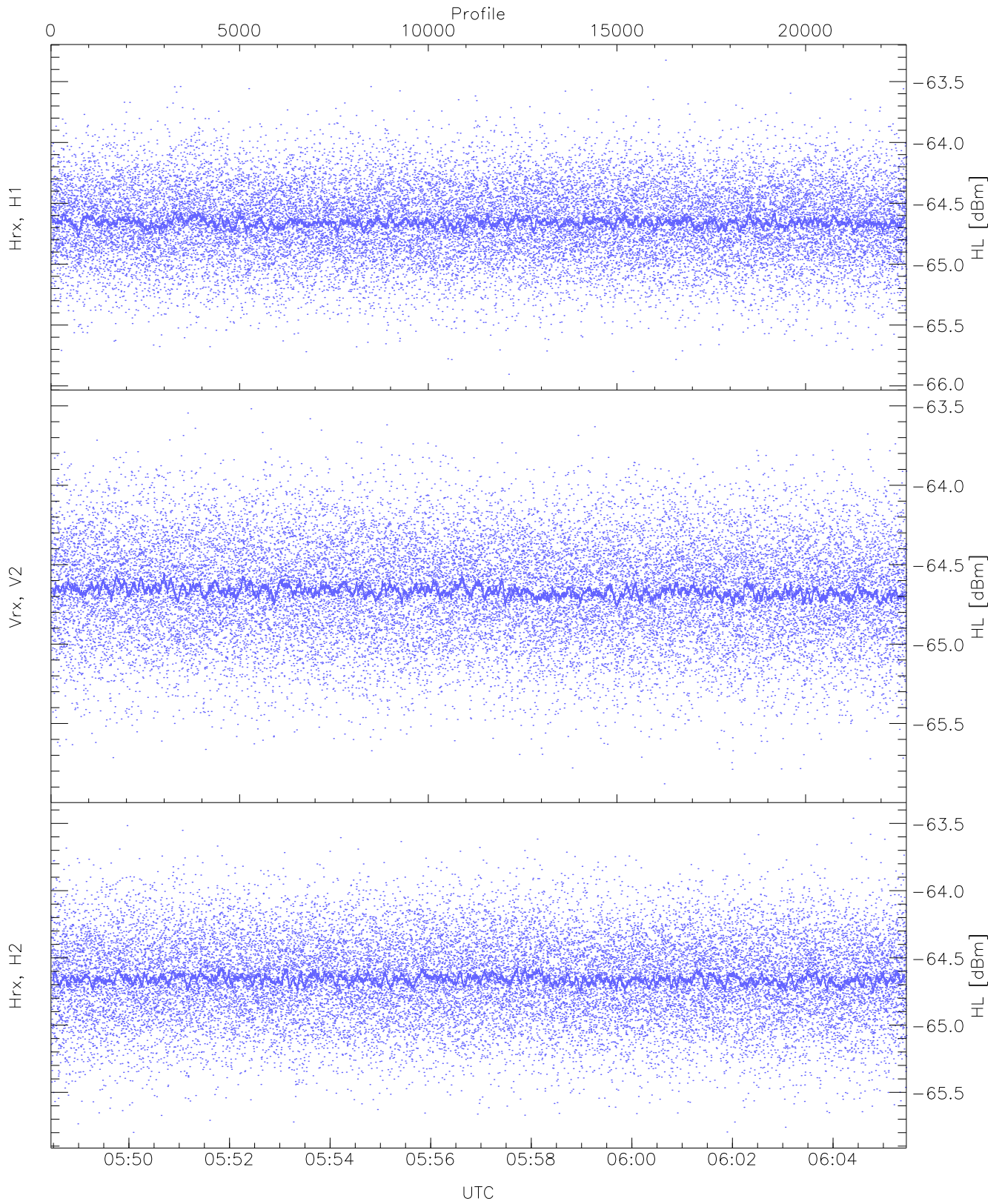
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.15	-65.29	-65.29	-86.62
RMPHrxH1(std_dBm)	-76.10	-74.54	-75.30	-75.30	-89.10
RMPVrxV2(mean_dBm)	-65.05	-64.80	-64.92	-64.92	-86.31
RMPVrxV2(std_dBm)	-75.82	-74.18	-74.94	-74.94	-88.72
RMPHrxH2(mean_dBm)	-65.01	-64.76	-64.88	-64.88	-86.36
RMPHrxH2(std_dBm)	-75.69	-74.18	-74.90	-74.90	-88.70



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

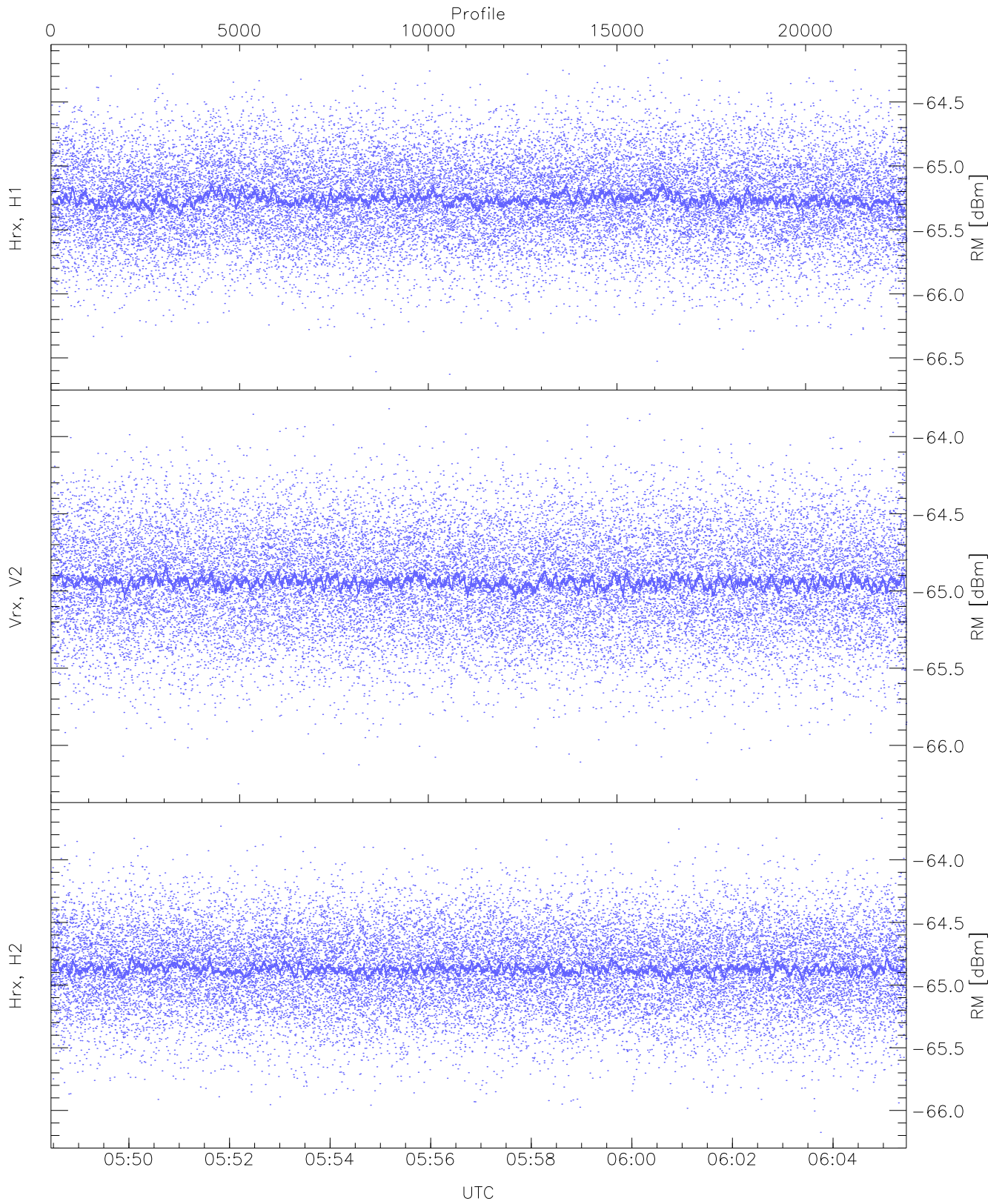
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.22	-63.66	-64.84	-64.85	-76.34
Vrx, V2 (WL [dBm])	-66.19	-63.74	-64.86	-64.87	-76.39
Hrx, H2 (WL [dBm])	-66.00	-63.76	-64.84	-64.85	-76.36





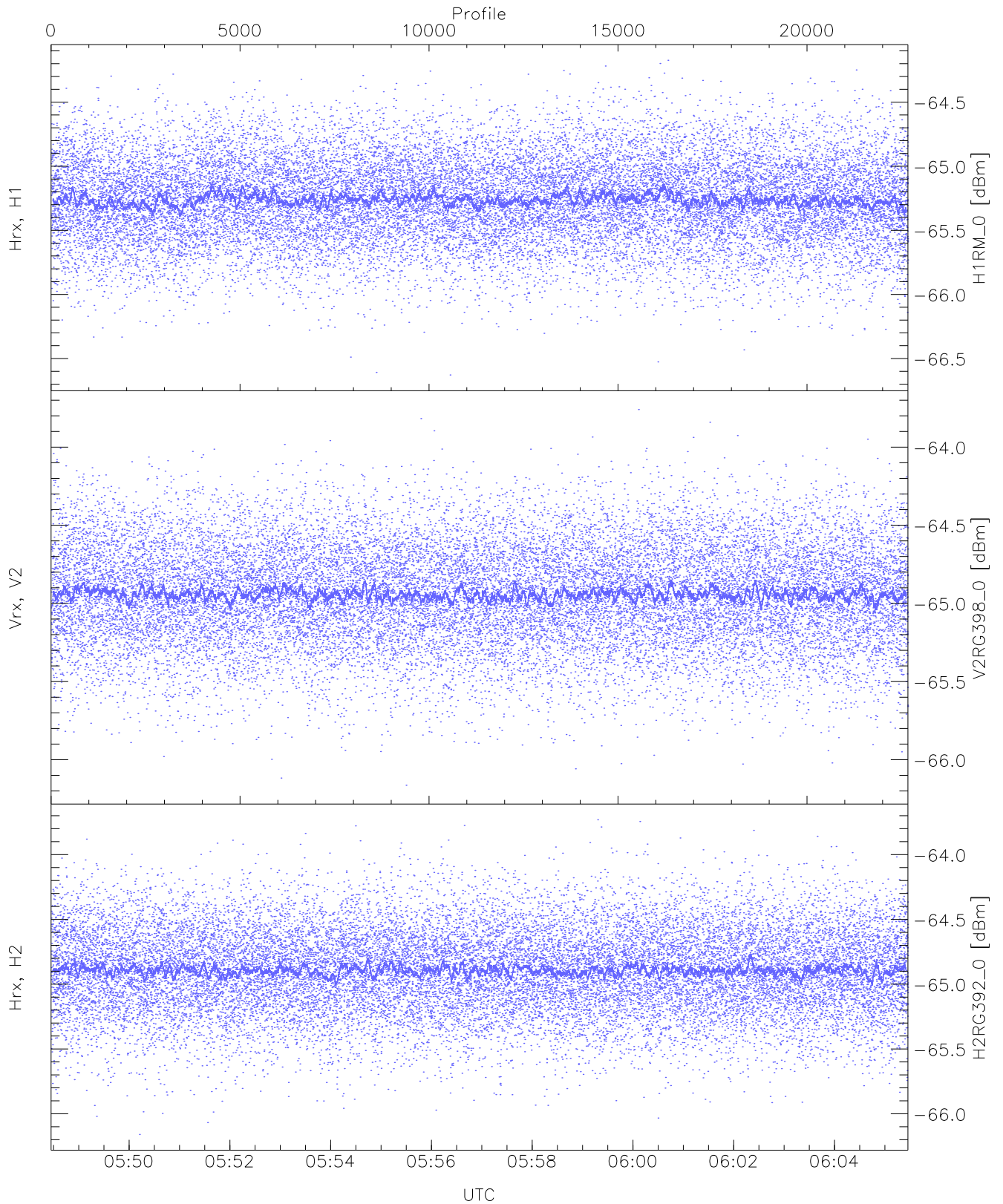
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.90	-63.32	-64.65	-64.66	-76.15
Vrx, V2 (HL [dBm])	-65.88	-63.52	-64.66	-64.66	-76.15
Hrx, H2 (HL [dBm])	-65.80	-63.46	-64.65	-64.66	-76.13



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

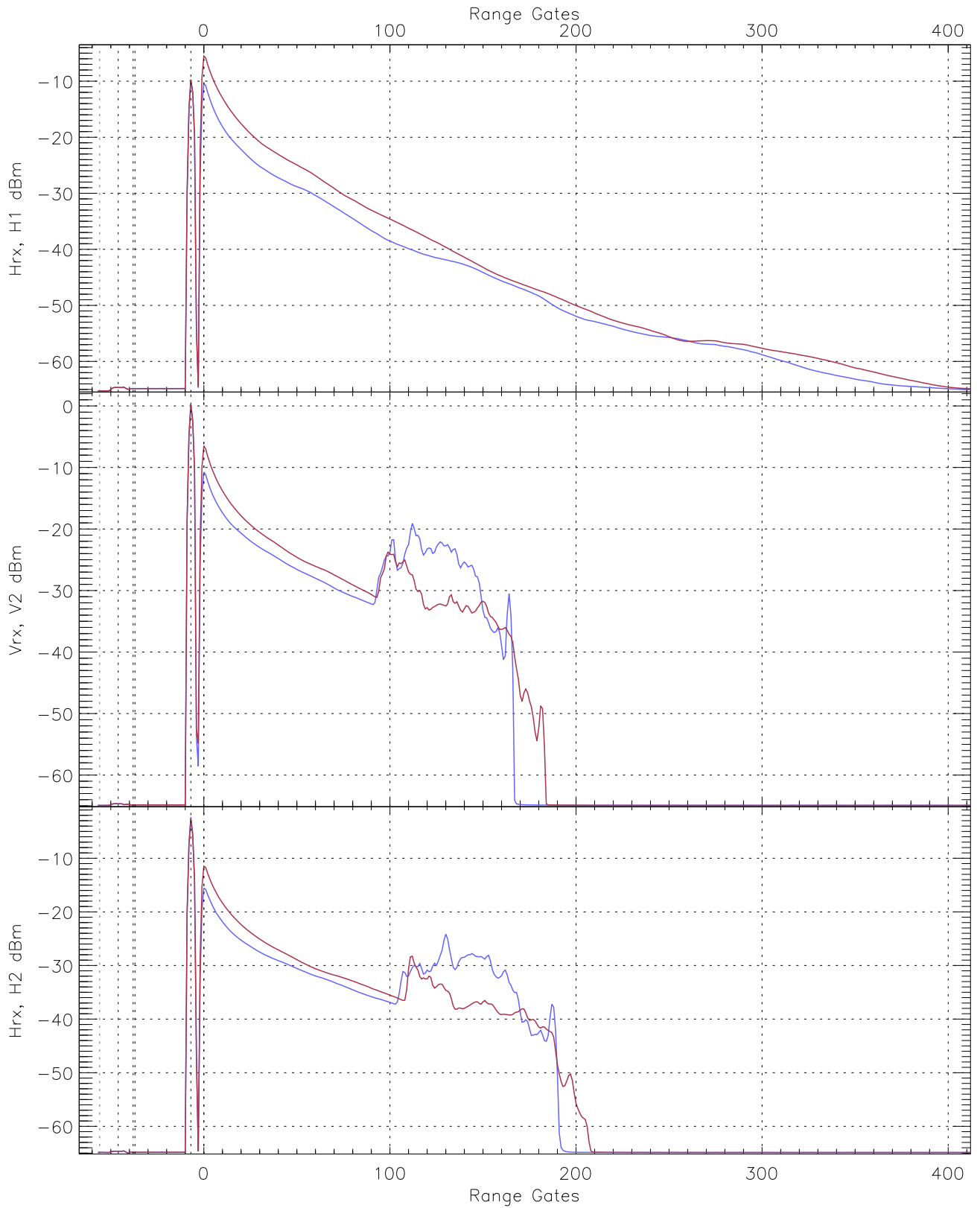
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.63	-64.17	-65.25	-65.26	-76.72
Vrx, V2 (RM [dBm])	-66.25	-63.82	-64.93	-64.94	-76.43
Hrx, H2 (RM [dBm])	-66.18	-63.67	-64.86	-64.87	-76.37



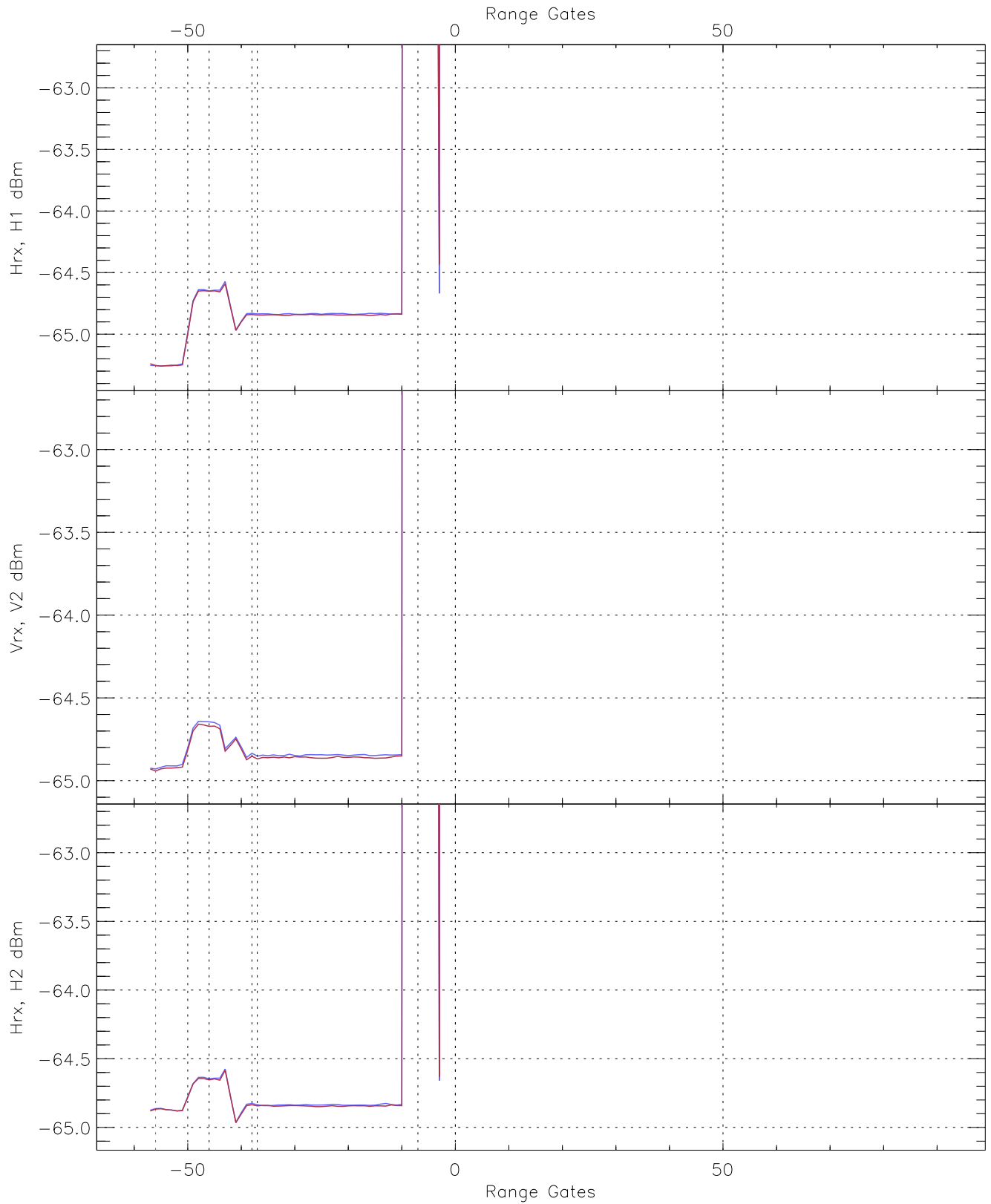
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.63	-64.17	-65.25	-65.26	-76.72
V2RG398_0 [dBm]	-66.16	-63.76	-64.93	-64.94	-76.49
H2RG392_0 [dBm]	-66.16	-63.73	-64.89	-64.89	-76.38

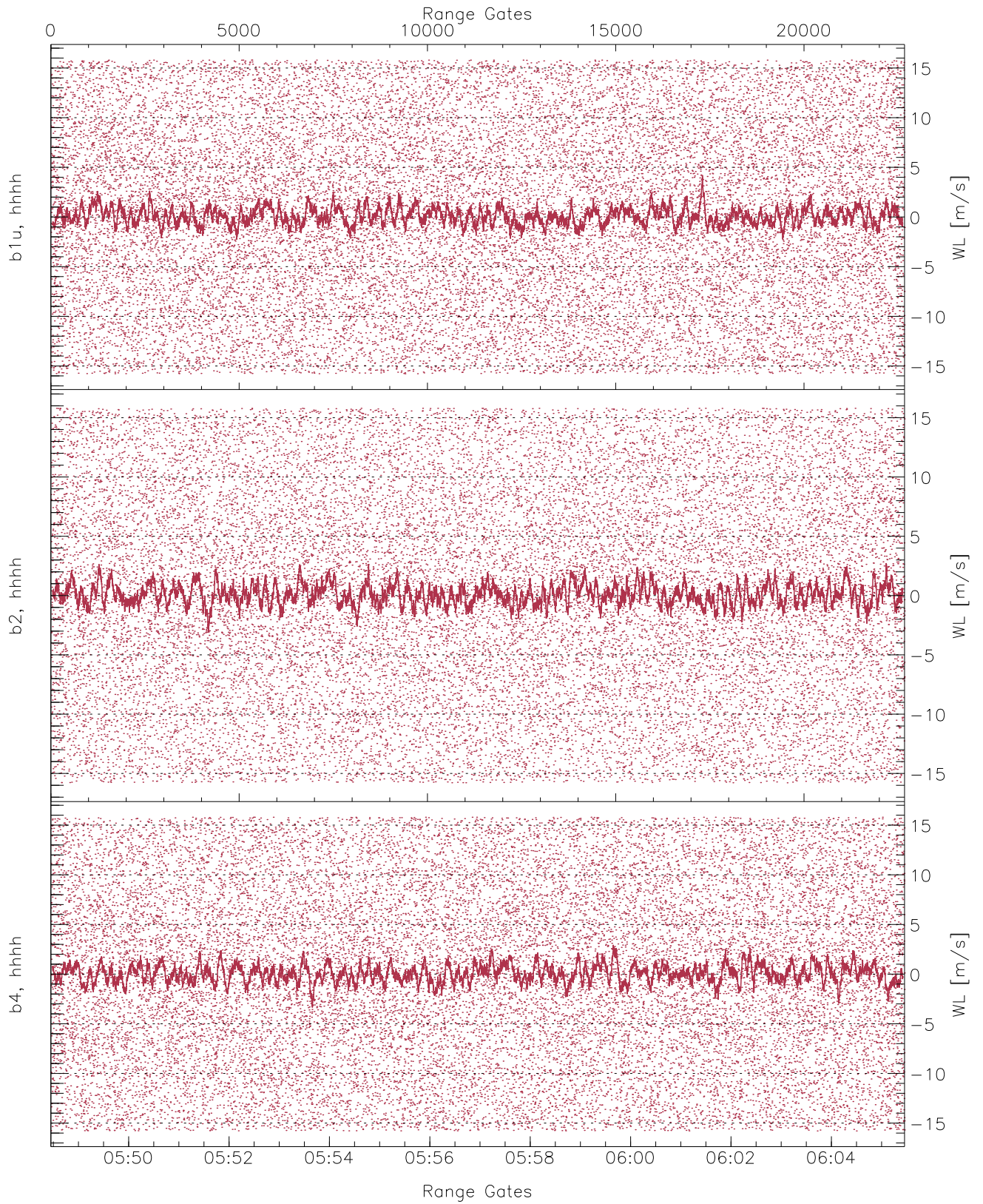




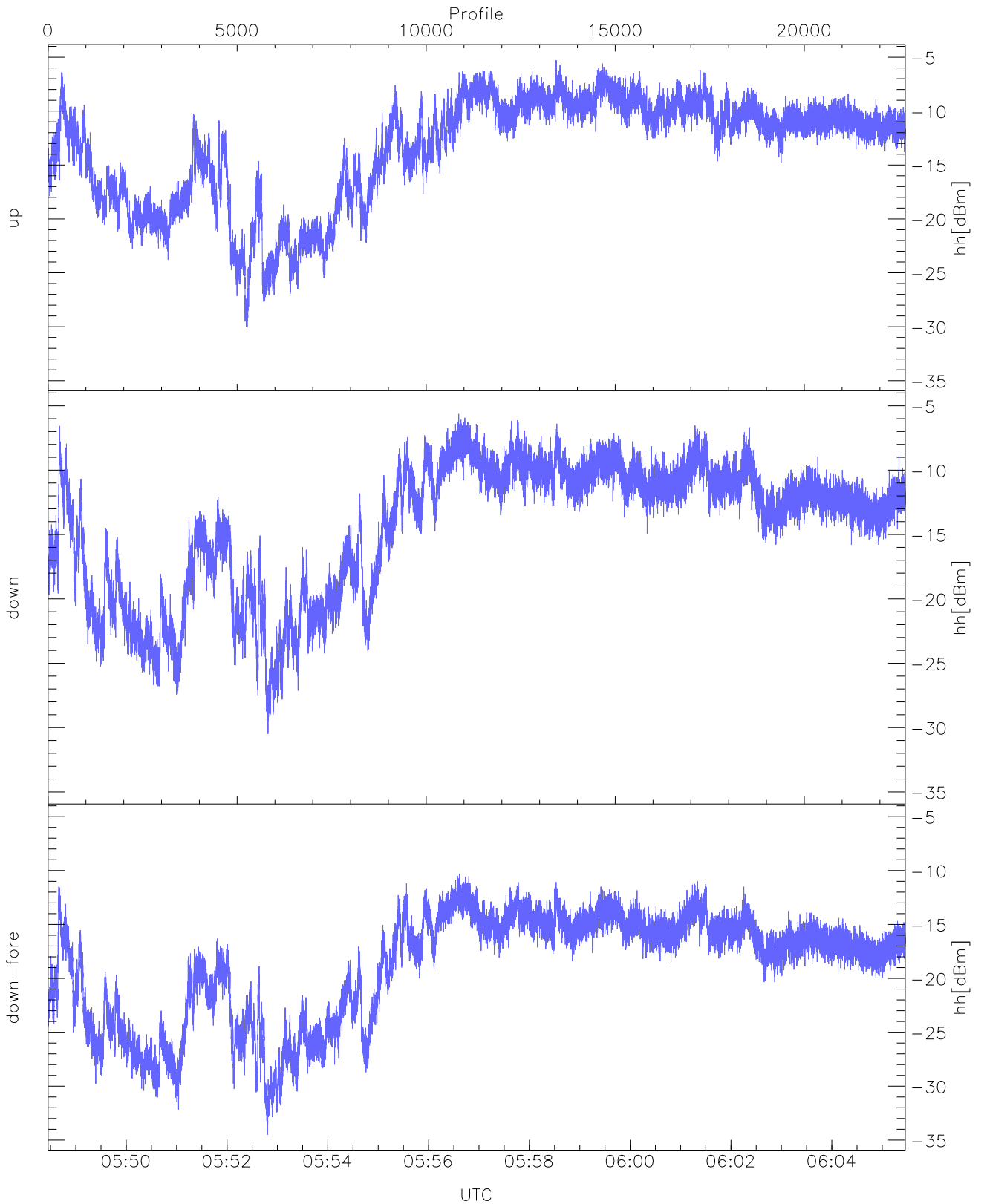
WCR3 CPP Averaged Received power for all recorded gates  
blue: 054827-055657, 11337 profiles averaged  
red: 055657-060527, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 054827-055657, 11337 profiles averaged  
red: 055657-060527, 11336 profiles averaged



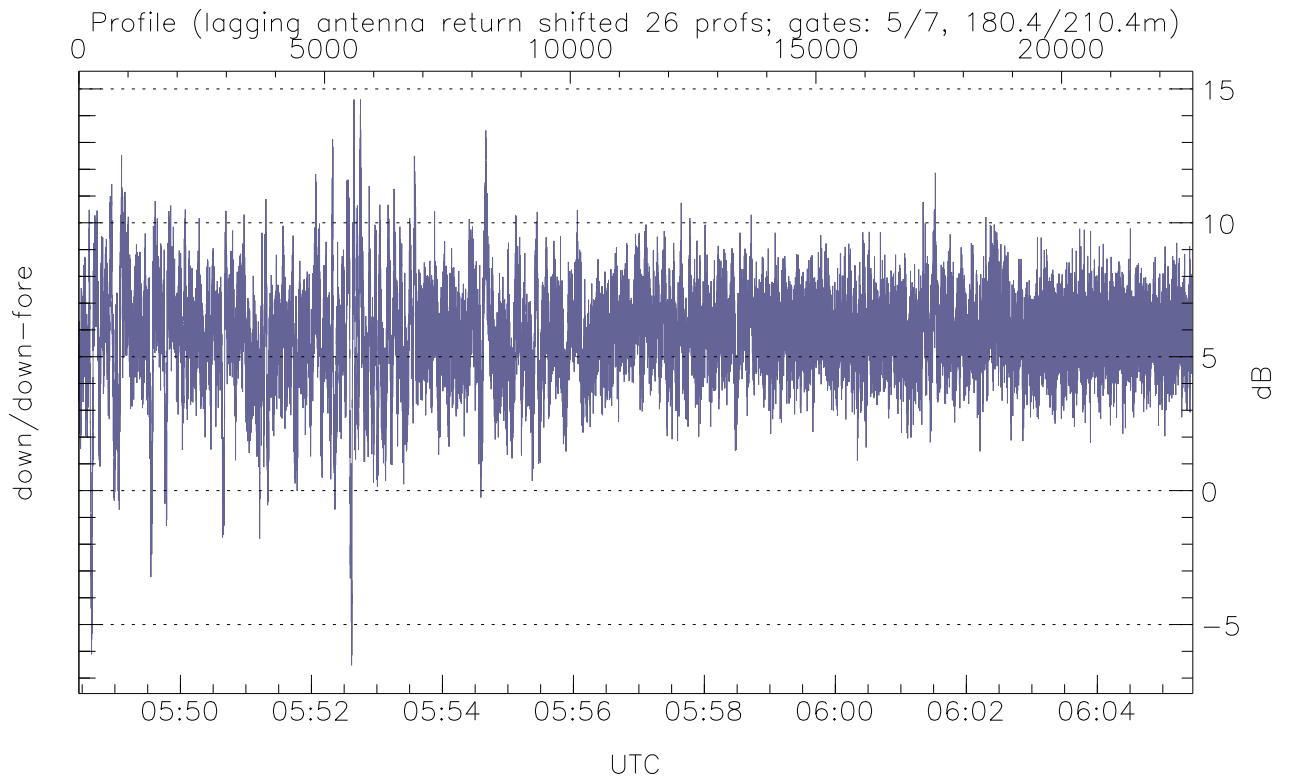
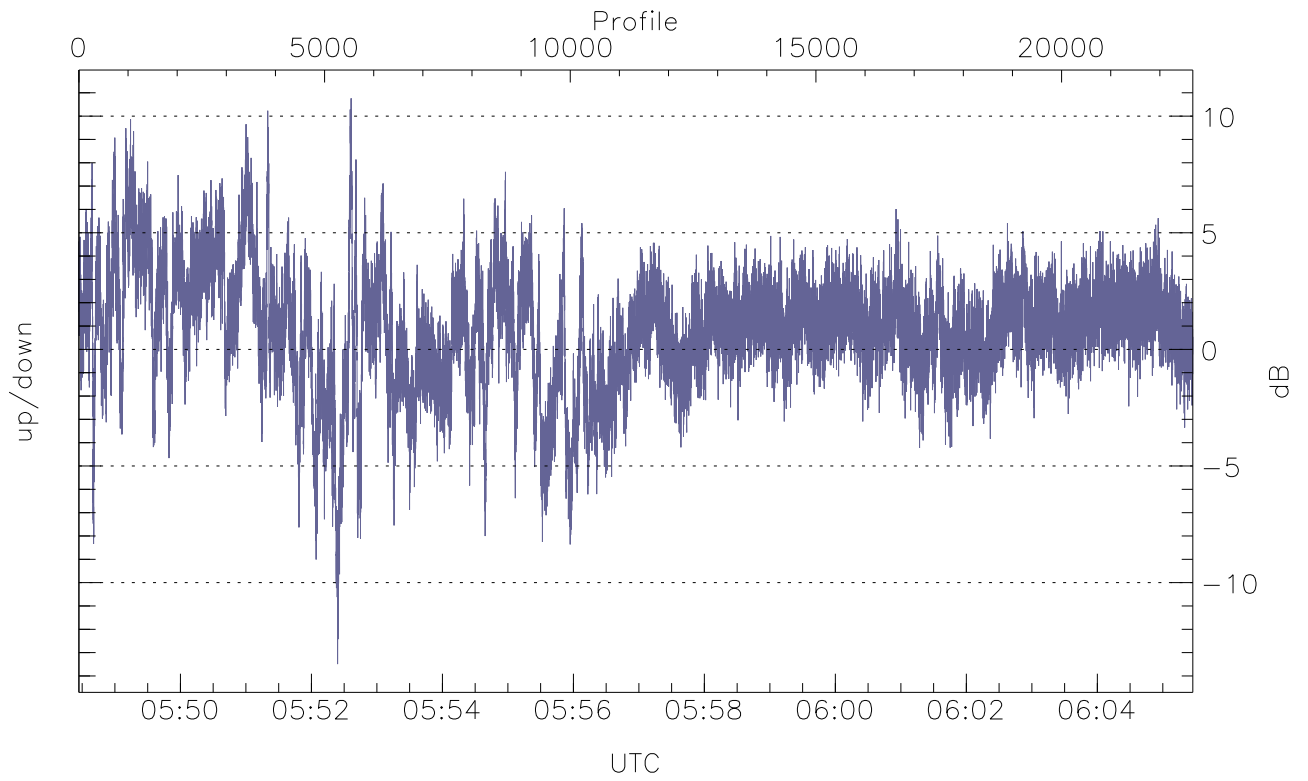
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

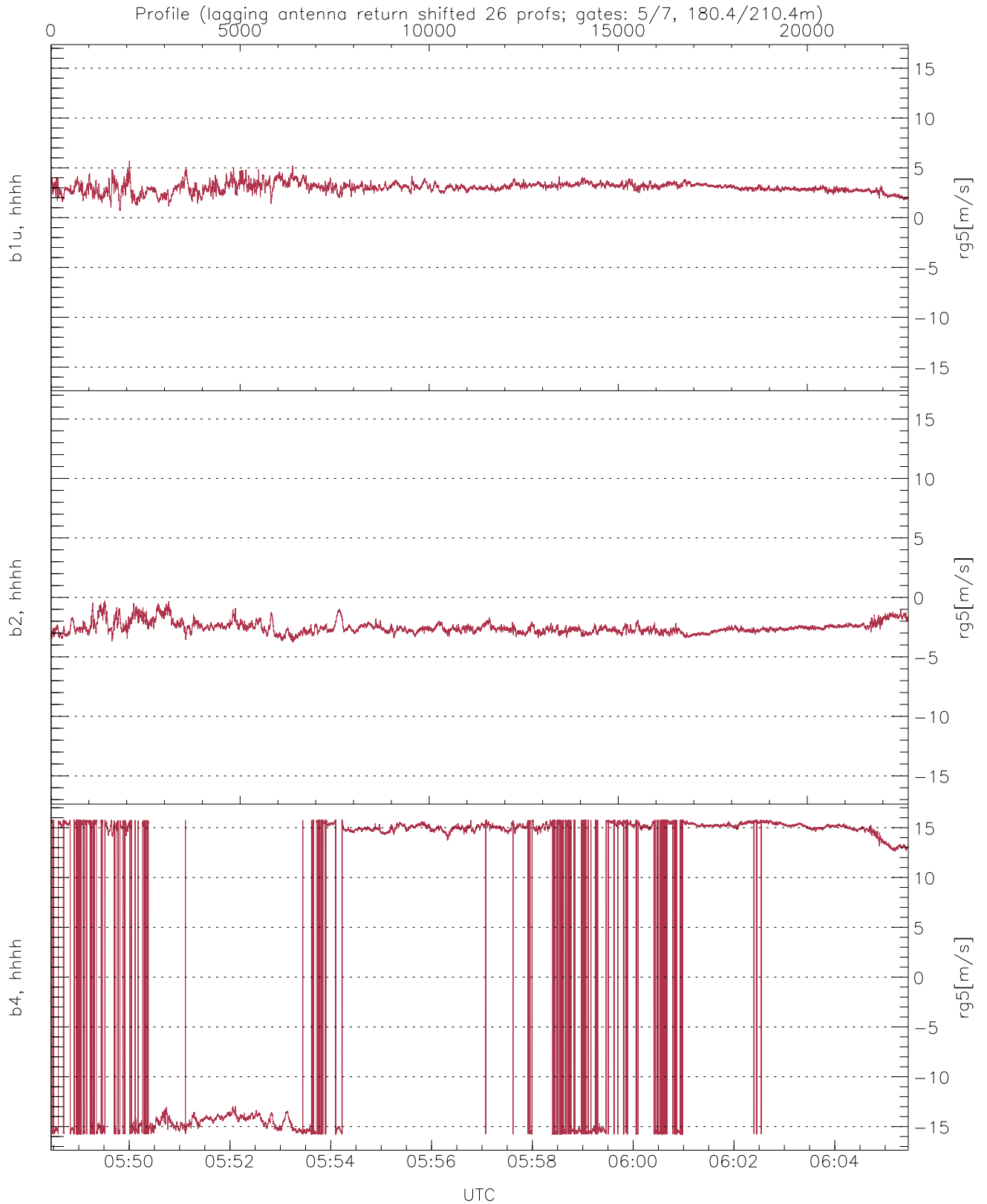
	Min	Max	Mean
up(hh[dBm])	-30.07	-5.29	-11.53
down(hh[dBm])	-30.49	-5.64	-12.24
down-fore(hh[dBm])	-34.48	-10.32	-16.79





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

	Min	Max	Mean
up/down (dB)	-13.49	10.76	0.85
down/down-fore (dB)	-6.52	14.60	5.78



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.69	5.71	3.03	0.50
b2, hhhh(rg5[m/s])	-3.78	-0.29	-2.53	0.49
b4, hhhh(rg5[m/s])	-15.79	15.79	5.45	14.01