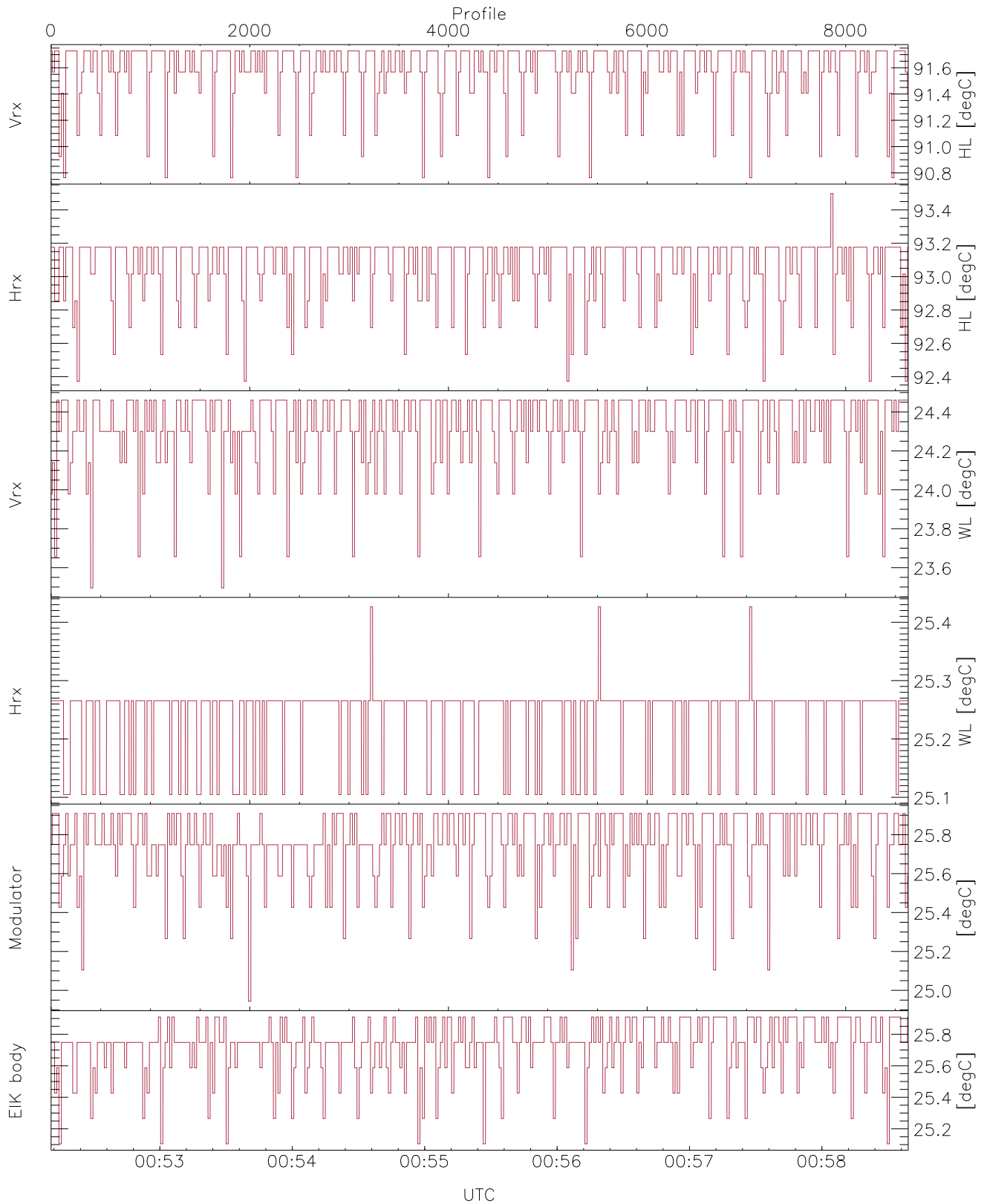


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

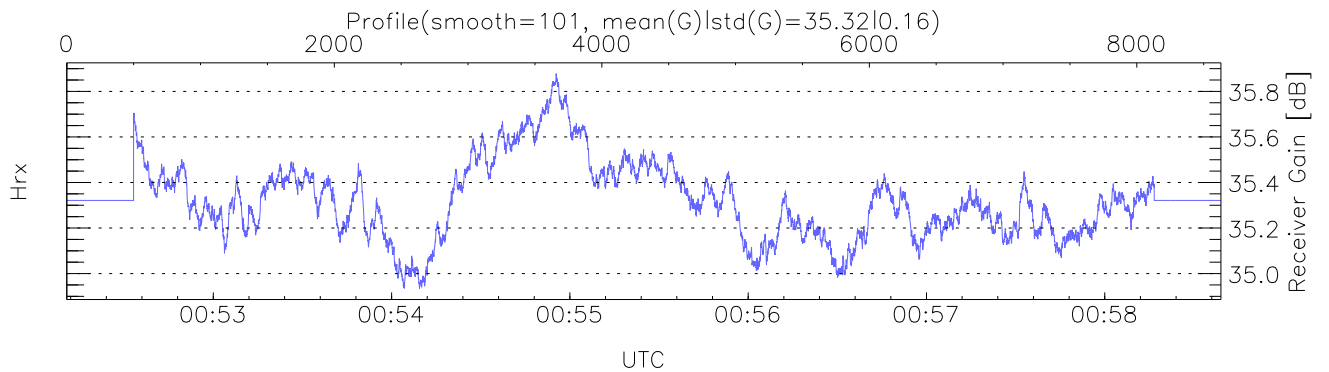
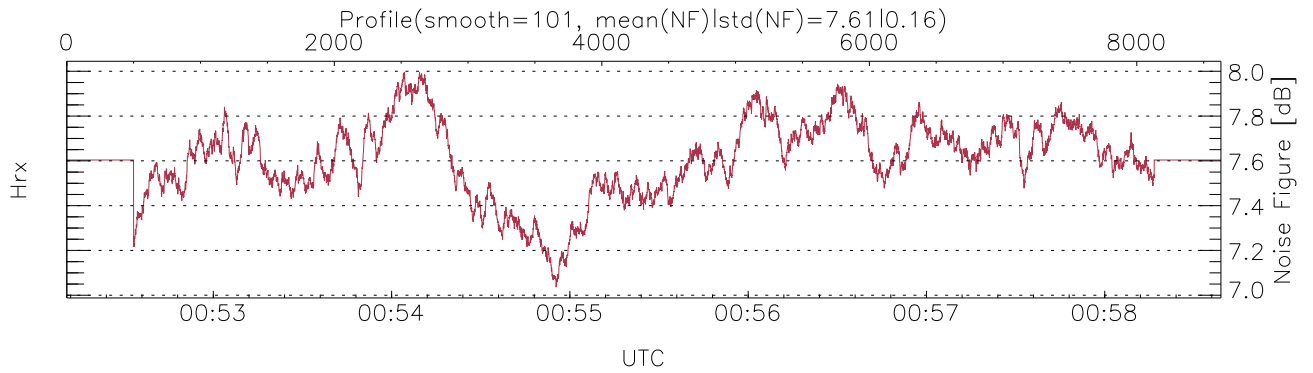
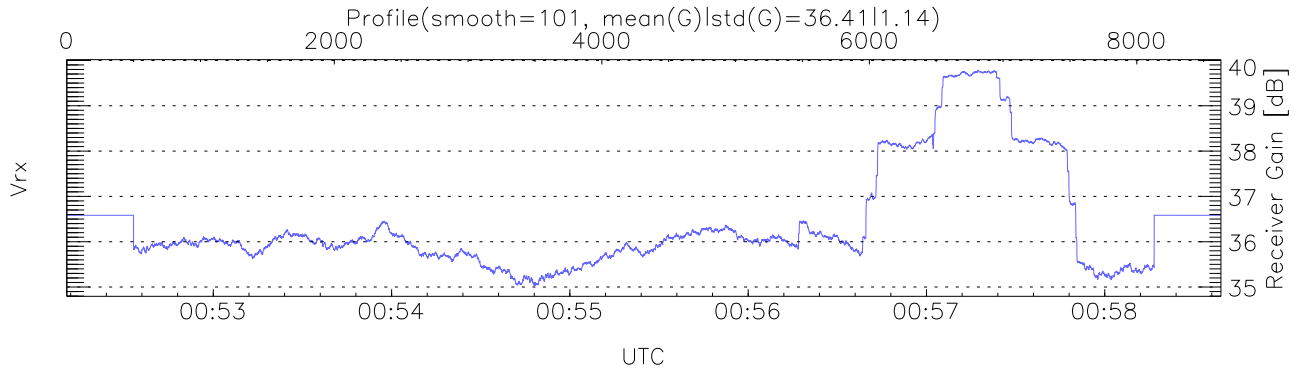
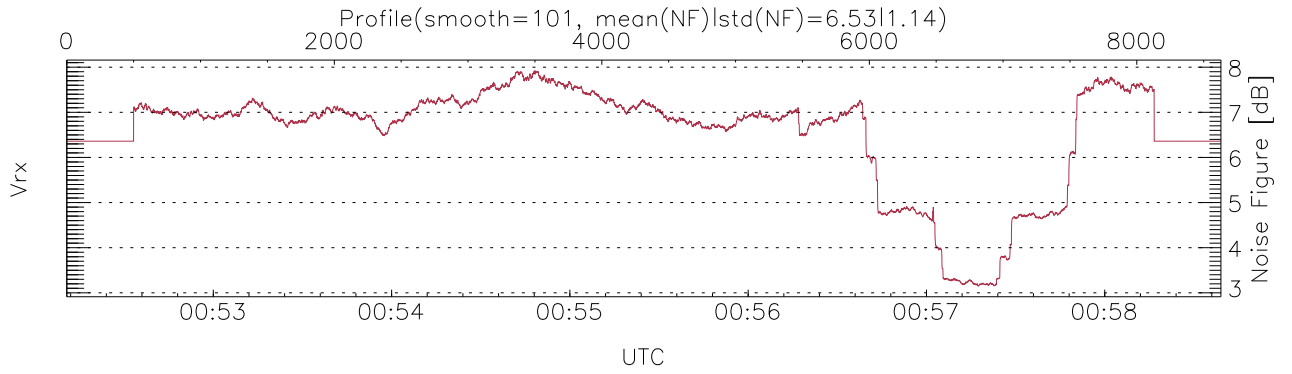
UTC: 00:52:11-00:58:39, TimeCor: 0.00s, Dur: 388.40s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 8630/8630, 0-8629/00:52:11-00:58:39  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, IFF: 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

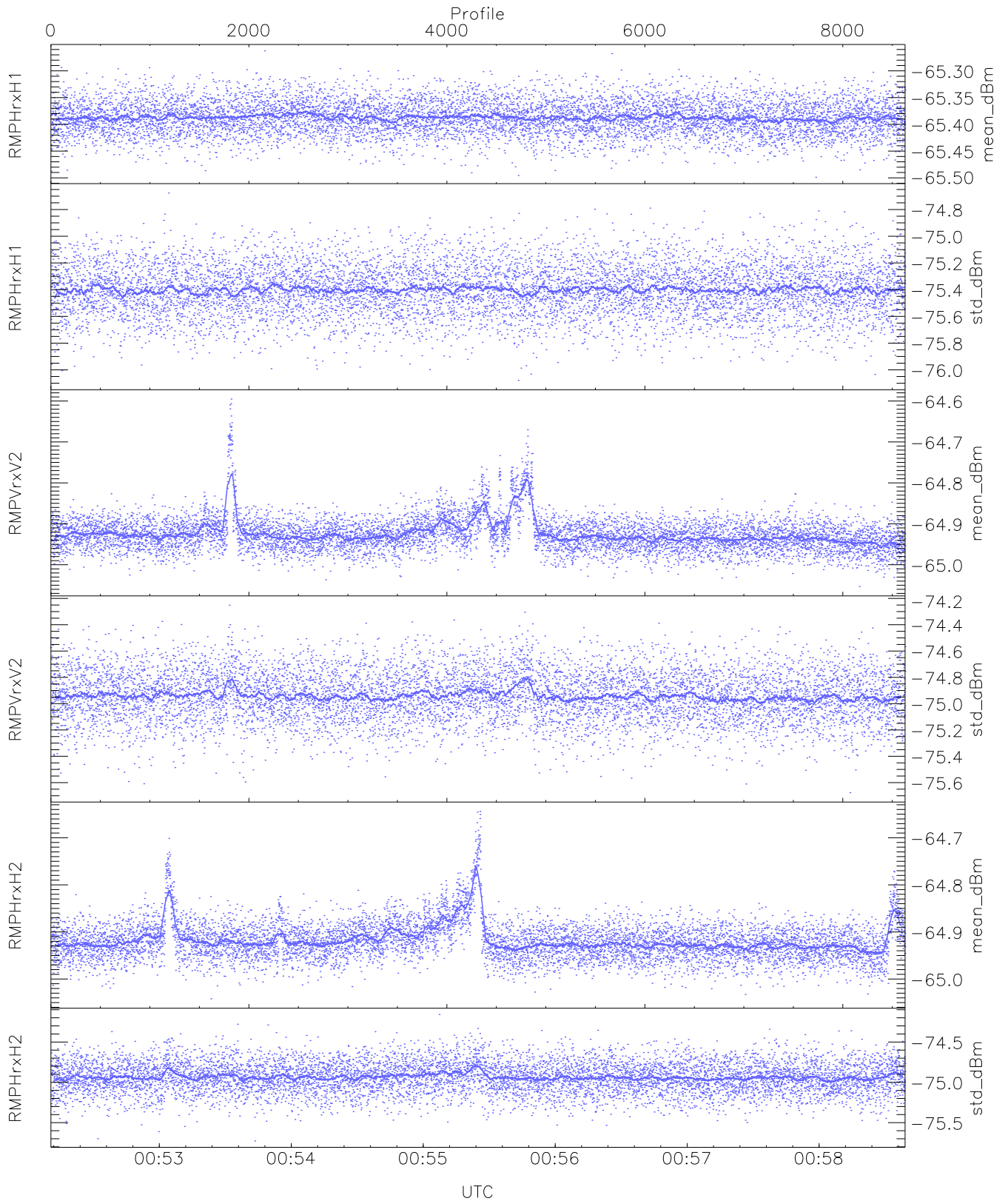
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,25,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,25,25,25
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(#_prof affected):
DeckF (24)
    
```



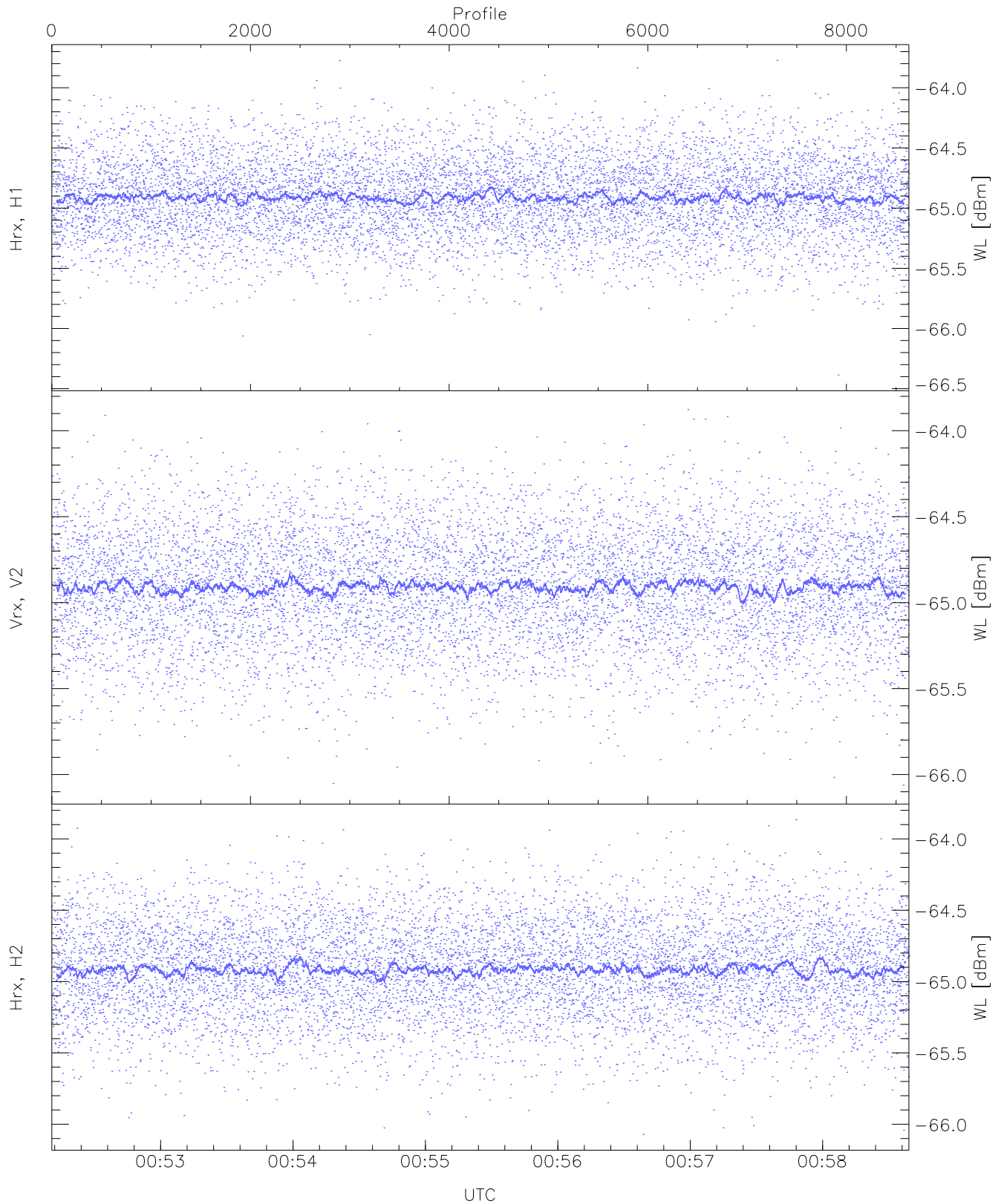
### WCR3 CPP Receivers Gain and Noise Figure

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



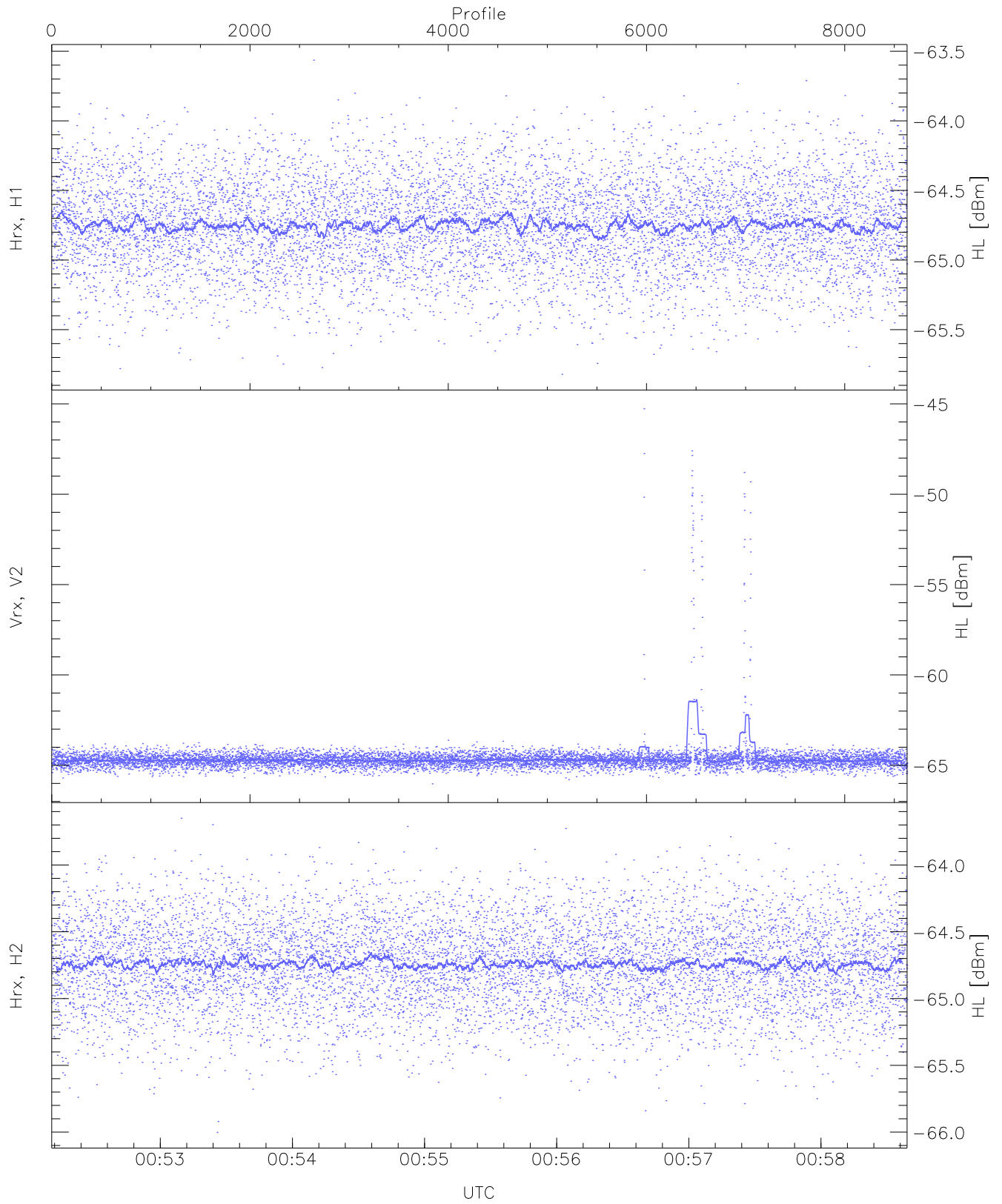
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.50	-65.26	-65.39	-65.39	-87.00
RMPHrxH1 (std_dBm)	-76.08	-74.68	-75.40	-75.40	-89.16
RMPVrxV2 (mean_dBm)	-65.05	-64.60	-64.92	-64.93	-84.92
RMPVrxV2 (std_dBm)	-75.68	-74.25	-74.94	-74.95	-88.71
RMPHrxH2 (mean_dBm)	-65.04	-64.64	-64.92	-64.92	-85.14
RMPHrxH2 (std_dBm)	-75.73	-74.16	-74.93	-74.94	-88.69



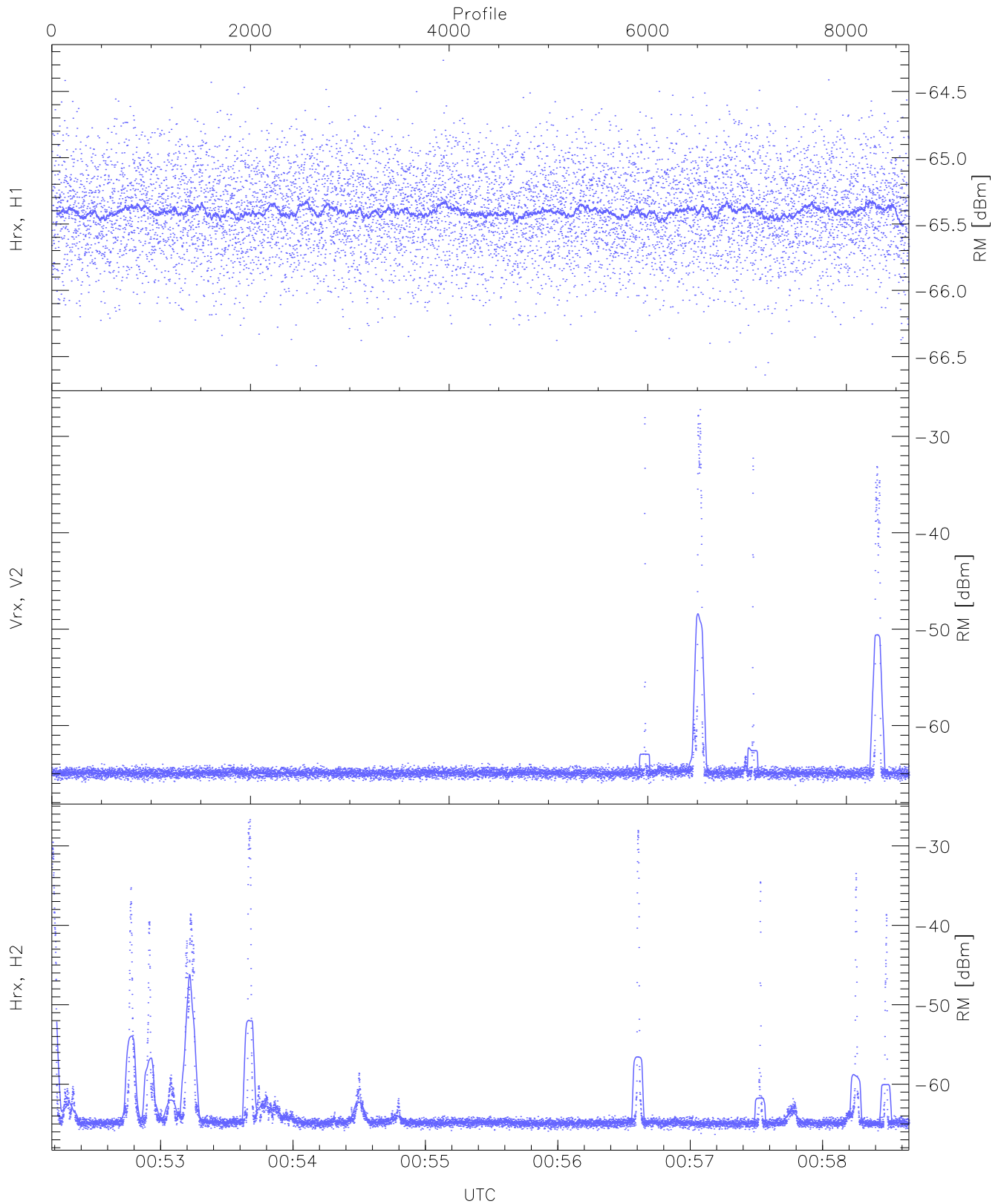
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.39	-63.77	-64.90	-64.91	-76.37
Vrx, V2 (WL [dBm])	-66.06	-63.88	-64.90	-64.91	-76.38
Hrx, H2 (WL [dBm])	-66.07	-63.87	-64.91	-64.92	-76.38



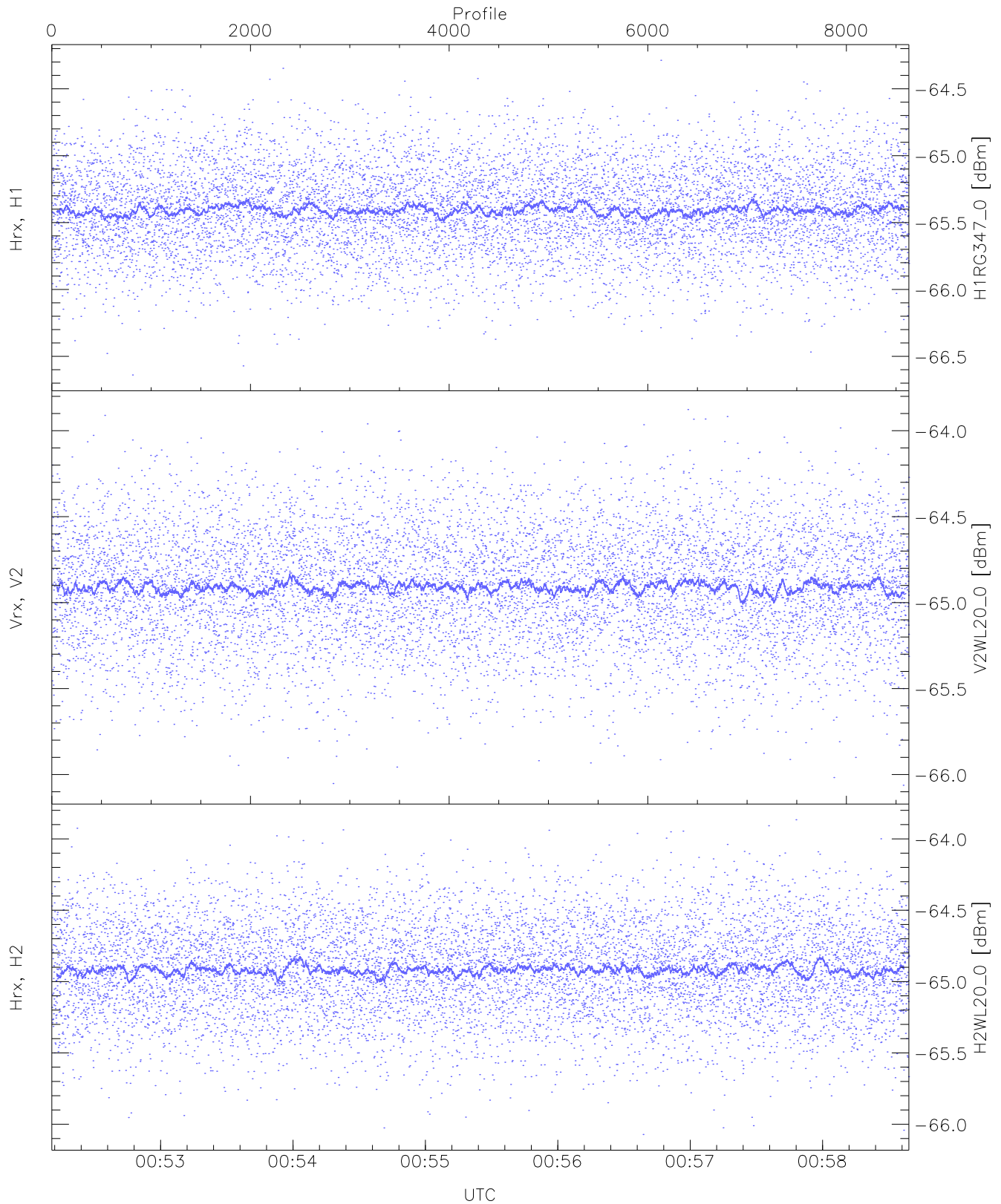
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.82	-63.56	-64.74	-64.75	-76.18
Vrx, V2 (HL [dBm])	-66.02	-45.27	-64.17	-64.72	-61.68
Hrx, H2 (HL [dBm])	-66.00	-63.65	-64.73	-64.73	-76.23



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

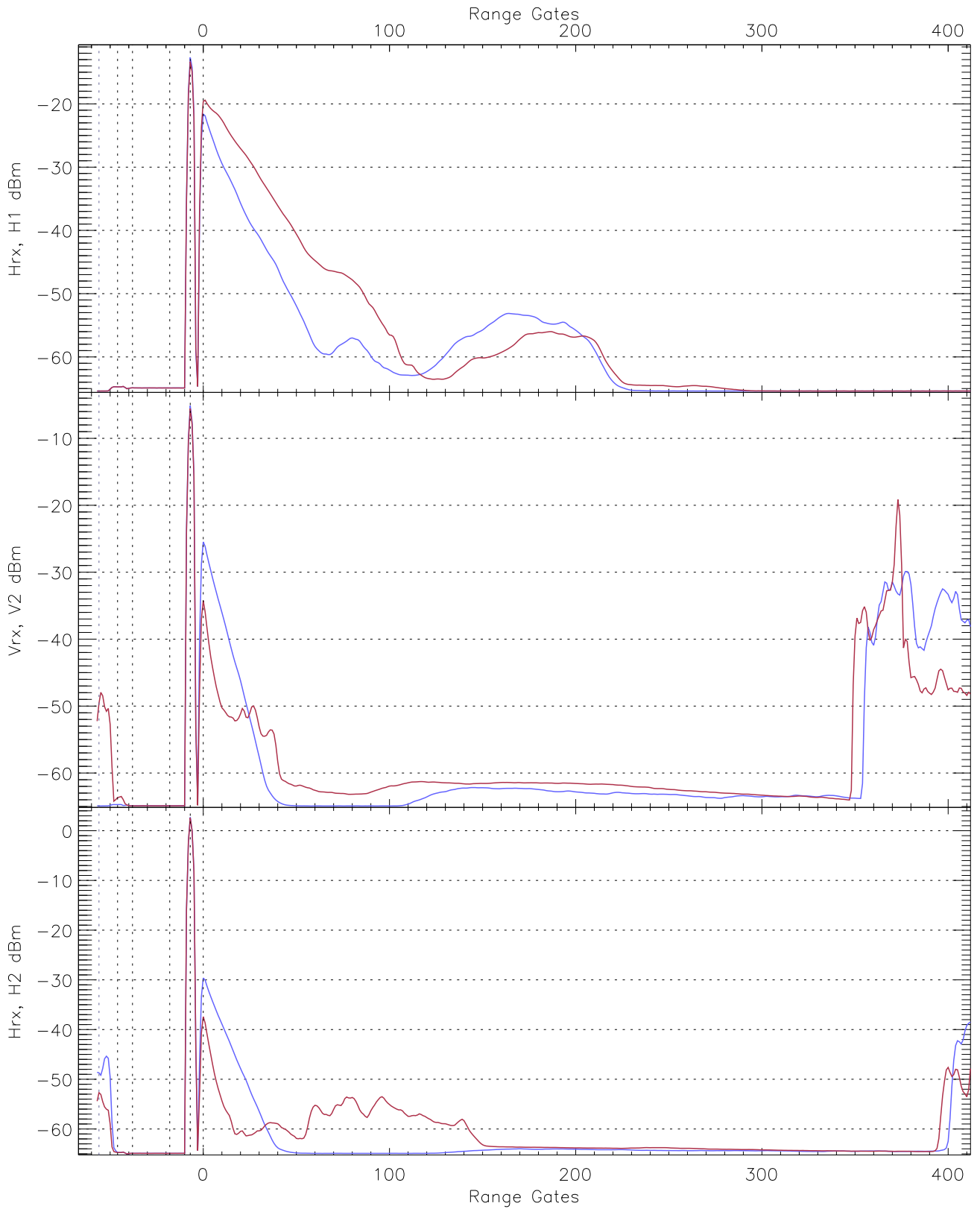
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.64	-64.27	-65.40	-65.41	-76.92
Vrx, V2 (RM [dBm])	-66.19	-27.21	-52.46	-64.91	-41.71
Hrx, H2 (RM [dBm])	-66.33	-26.71	-50.26	-64.74	-40.34



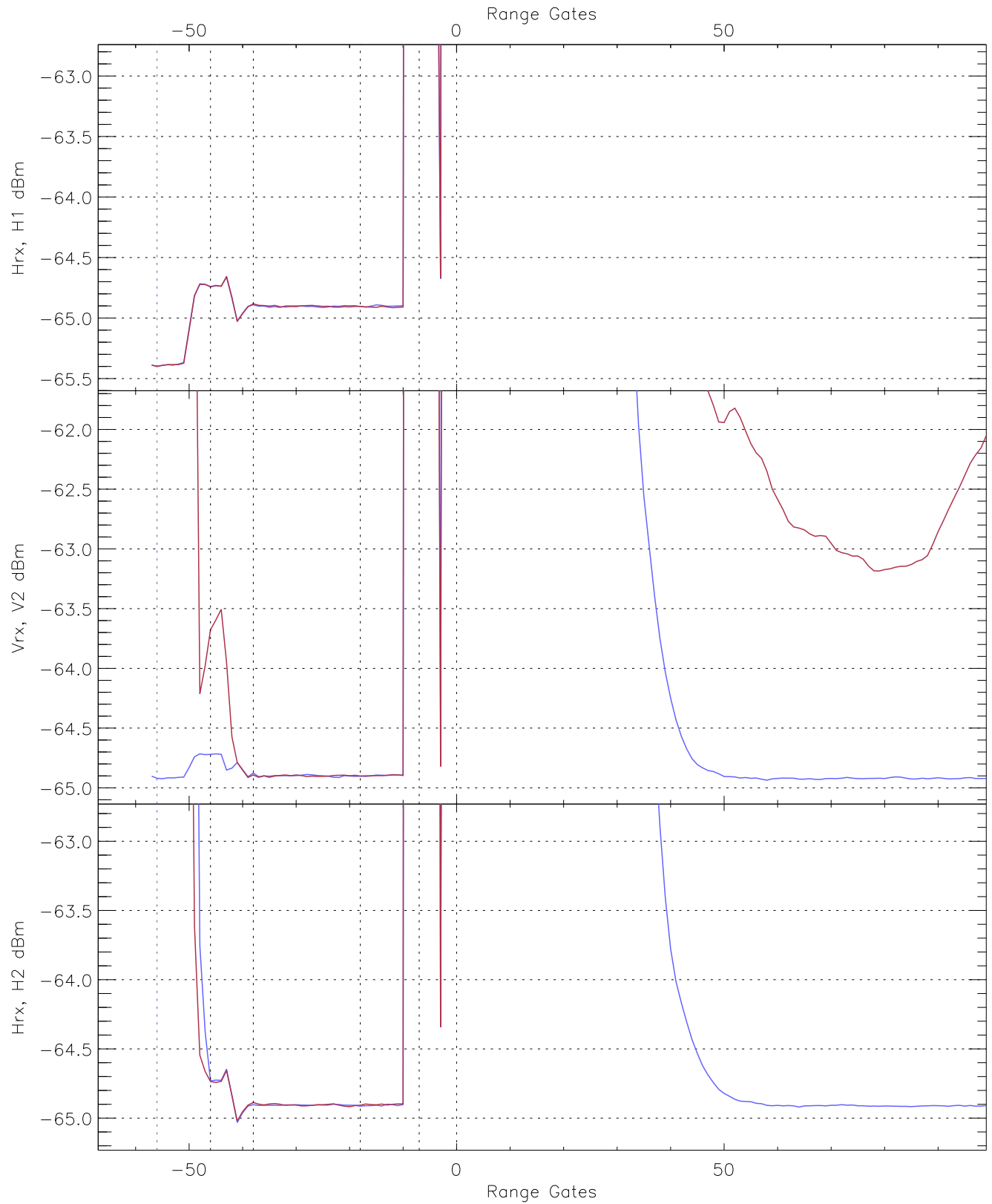
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG347_0 [dBm]	-66.64	-64.29	-65.40	-65.41	-76.94
V2WL20_0 [dBm]	-66.06	-63.88	-64.90	-64.91	-76.38
H2WL20_0 [dBm]	-66.07	-63.87	-64.91	-64.92	-76.38

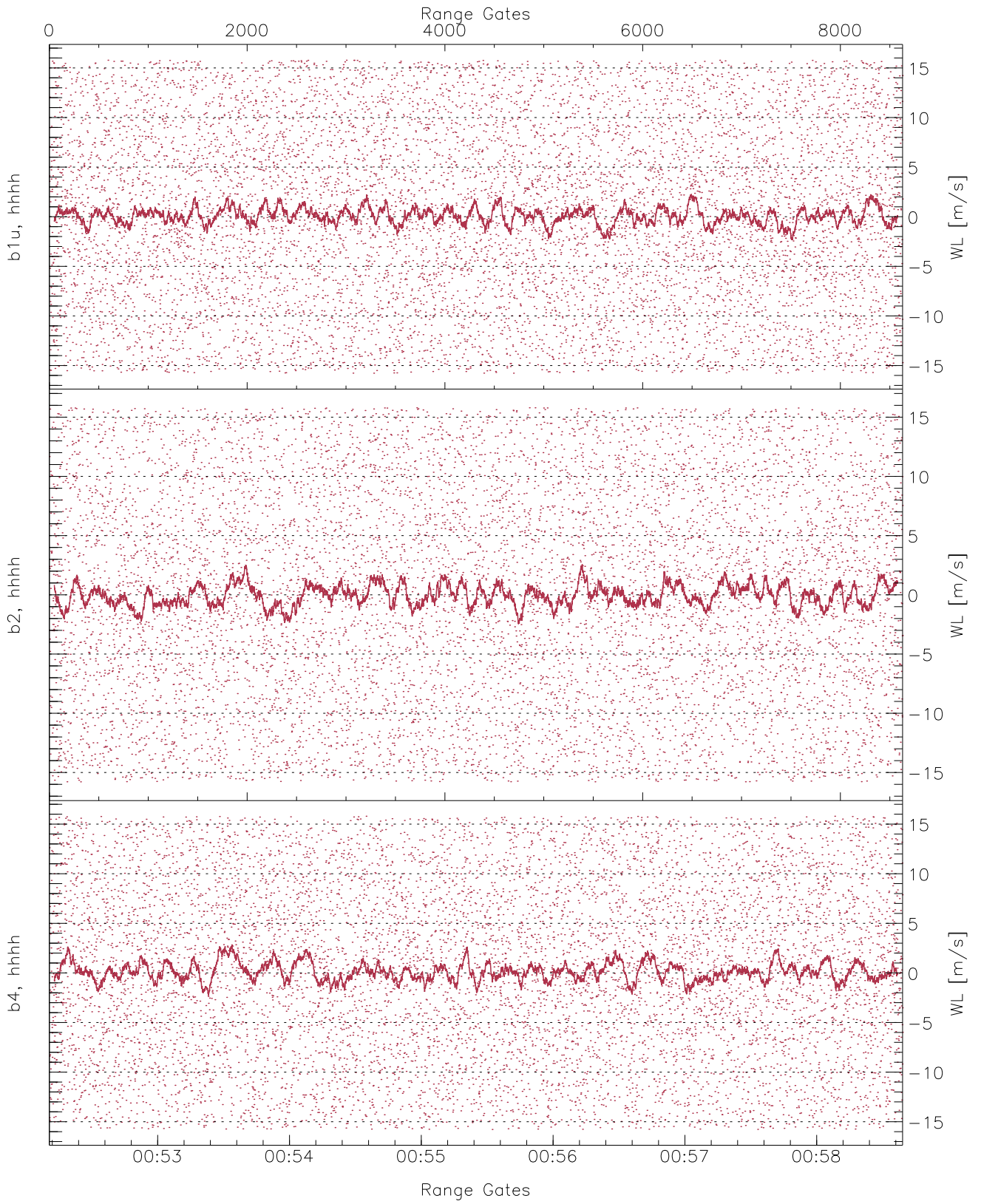




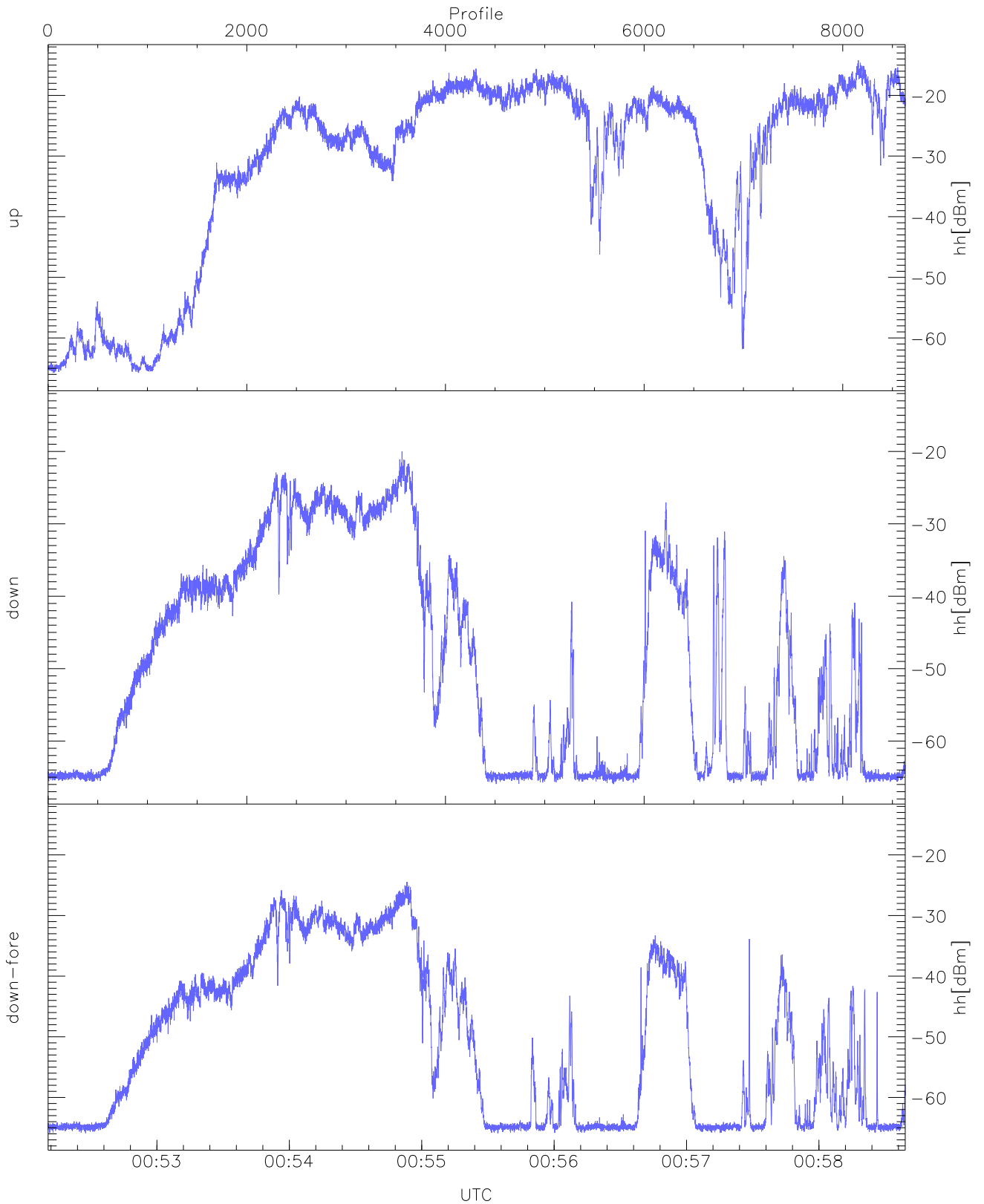
WCR3 CPP Averaged Received power for all recorded gates  
blue: 005211-005525, 4316 profiles averaged  
red: 005525-005839, 4315 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 005211-005525, 4316 profiles averaged  
red: 005525-005839, 4315 profiles averaged

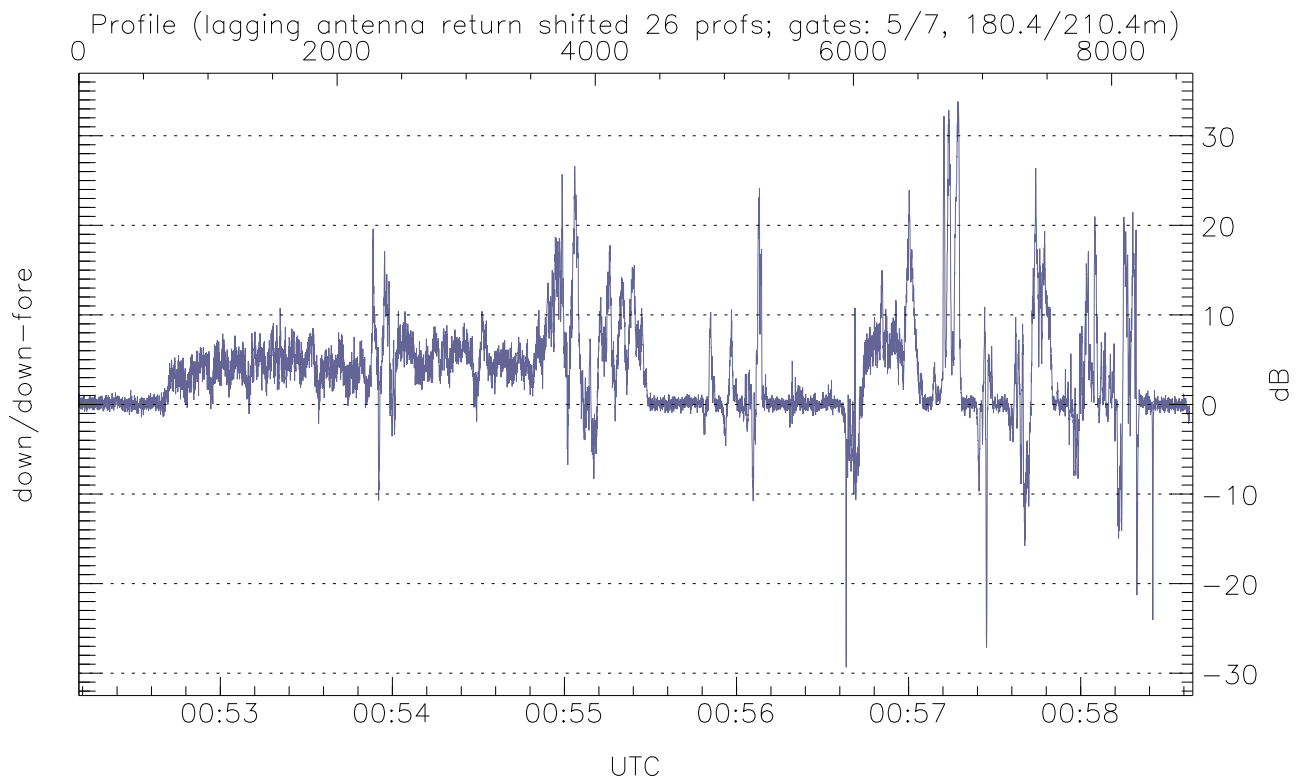
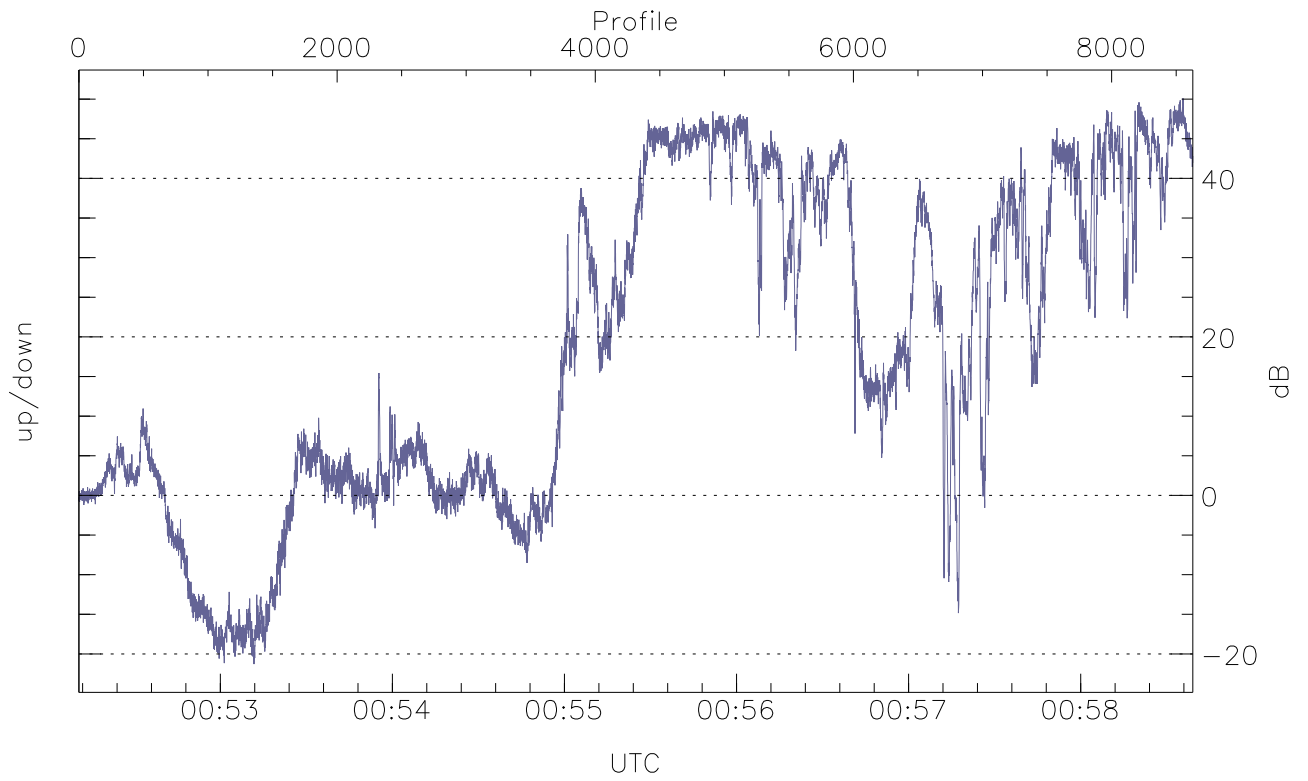


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



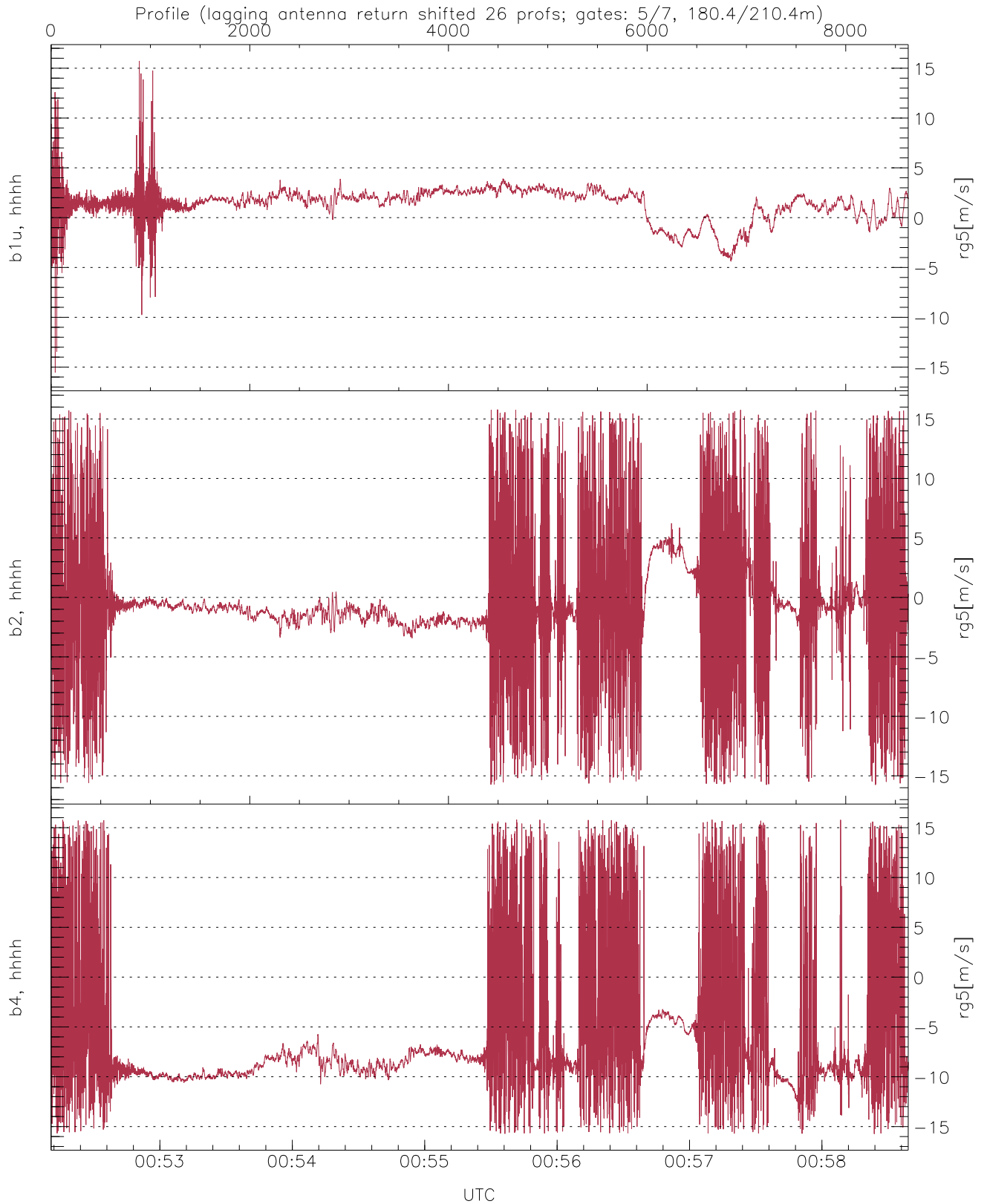
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.75	-14.21	-22.71
down(hh[dBm])	-66.11	-19.99	-33.67
down-fore(hh[dBm])	-65.90	-24.46	-37.10



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

	Min	Max	Mean
up/down (dB)	-21.28	50.10	18.02
down/down-fore (dB)	-29.34	33.82	3.40



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.56	15.72	1.33	1.69
b2, hhhh(rg5[m/s])	-15.76	15.79	-0.47	4.89
b4, hhhh(rg5[m/s])	-15.74	15.79	-6.04	6.34