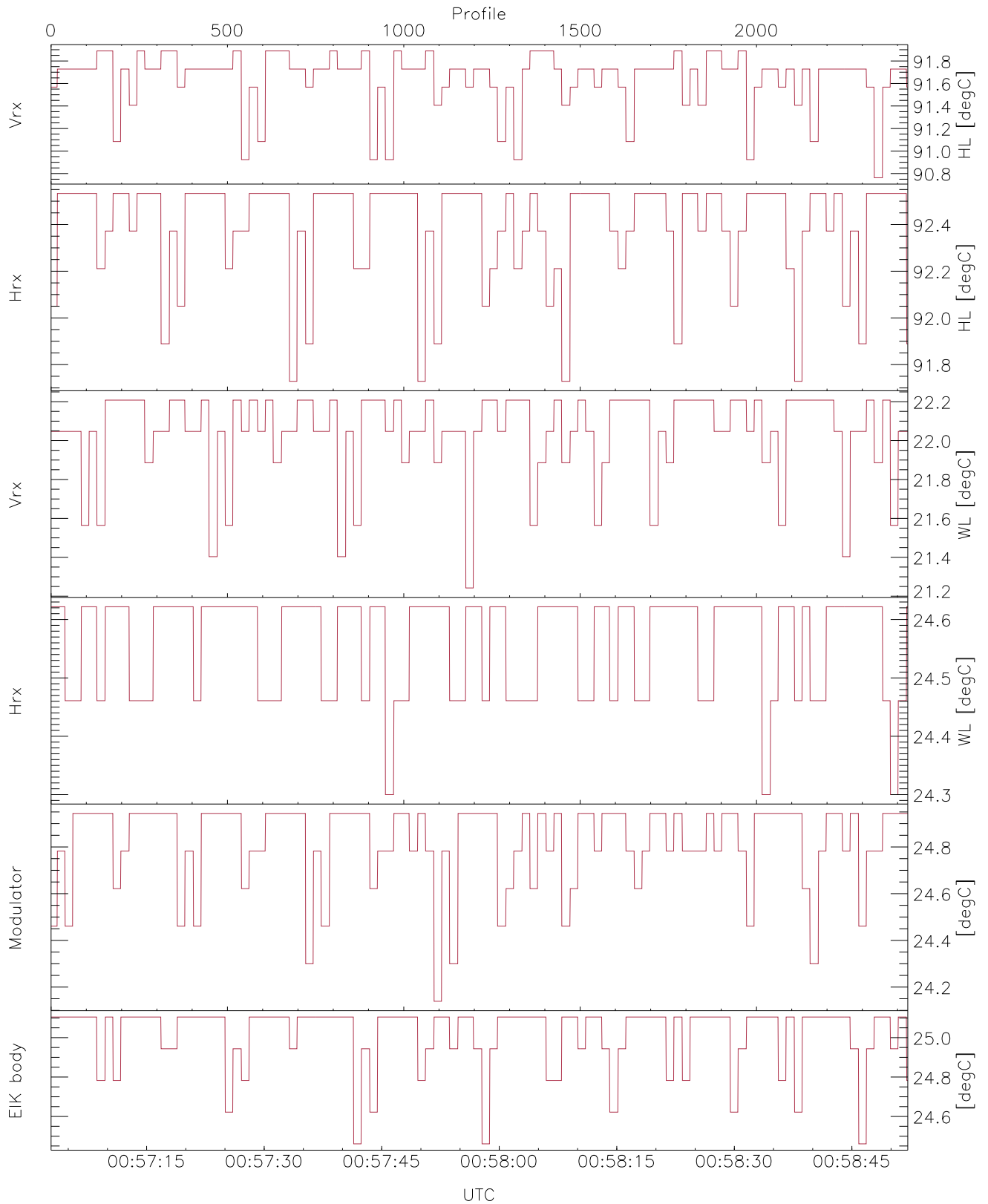


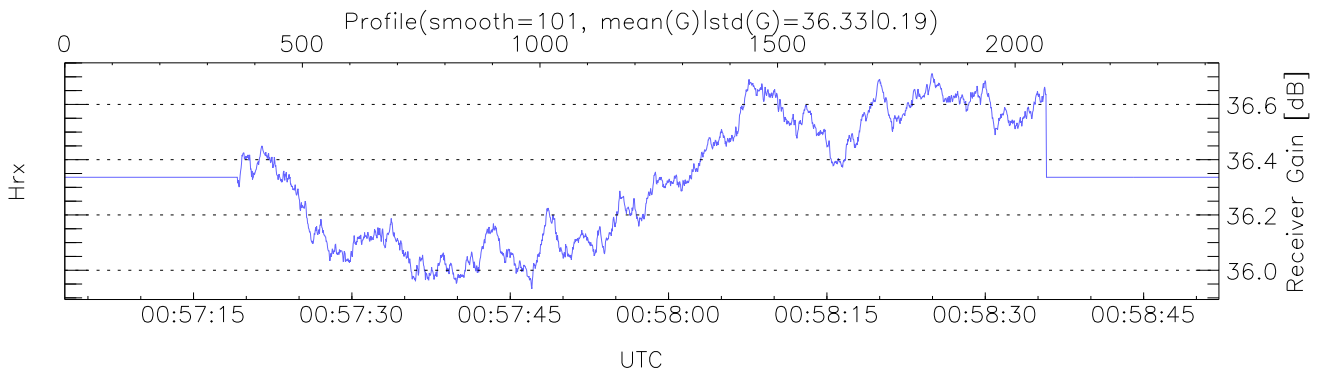
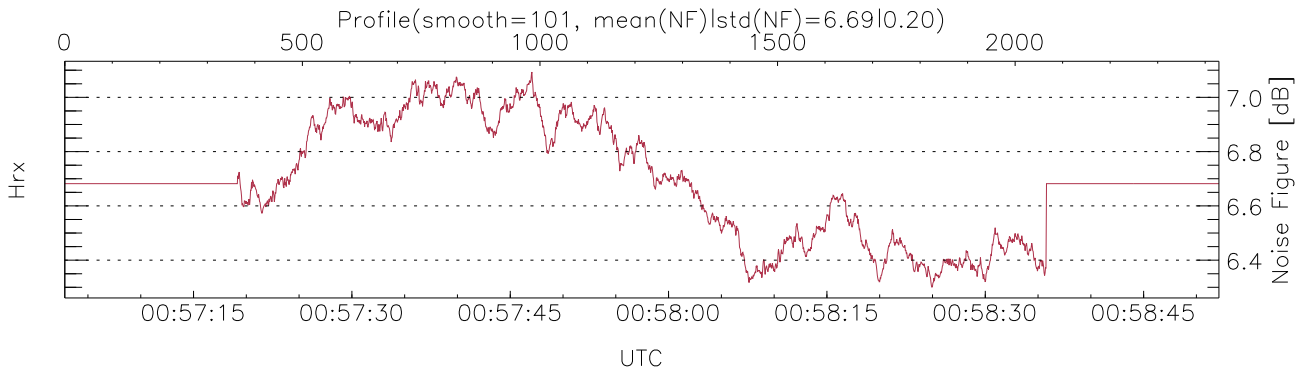
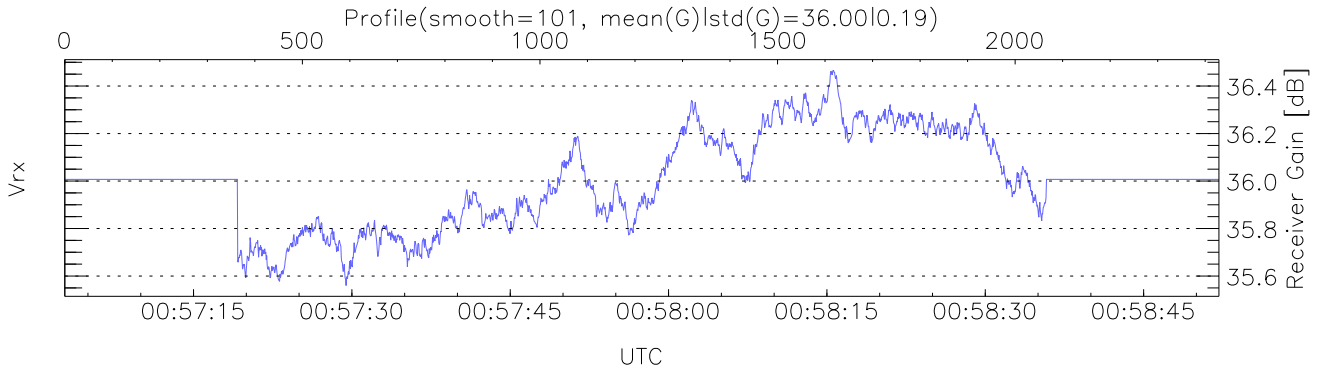
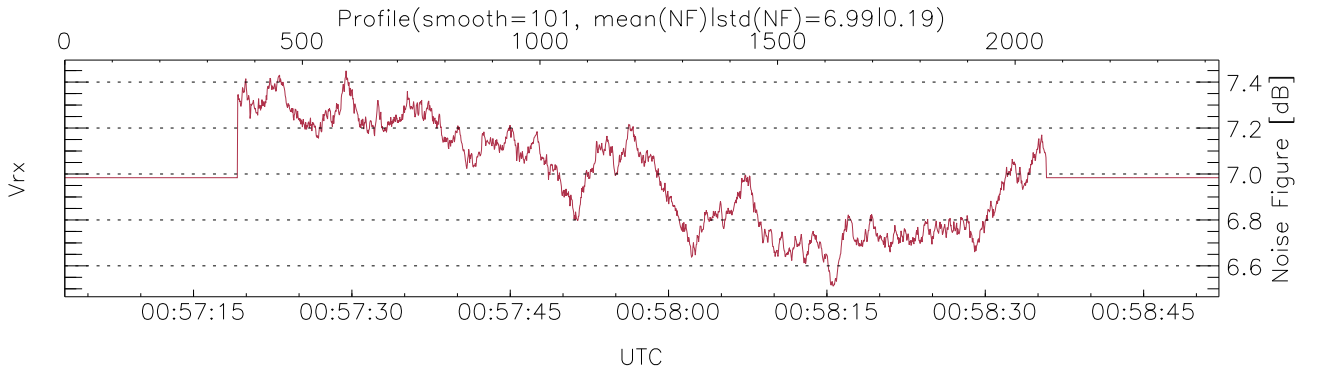
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:57:03-00:58:52, TimeCor: 0.00s, Dur: 109.33s  
 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): 2430/2430, 0-2429/00:57:03-00:58:52  
 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



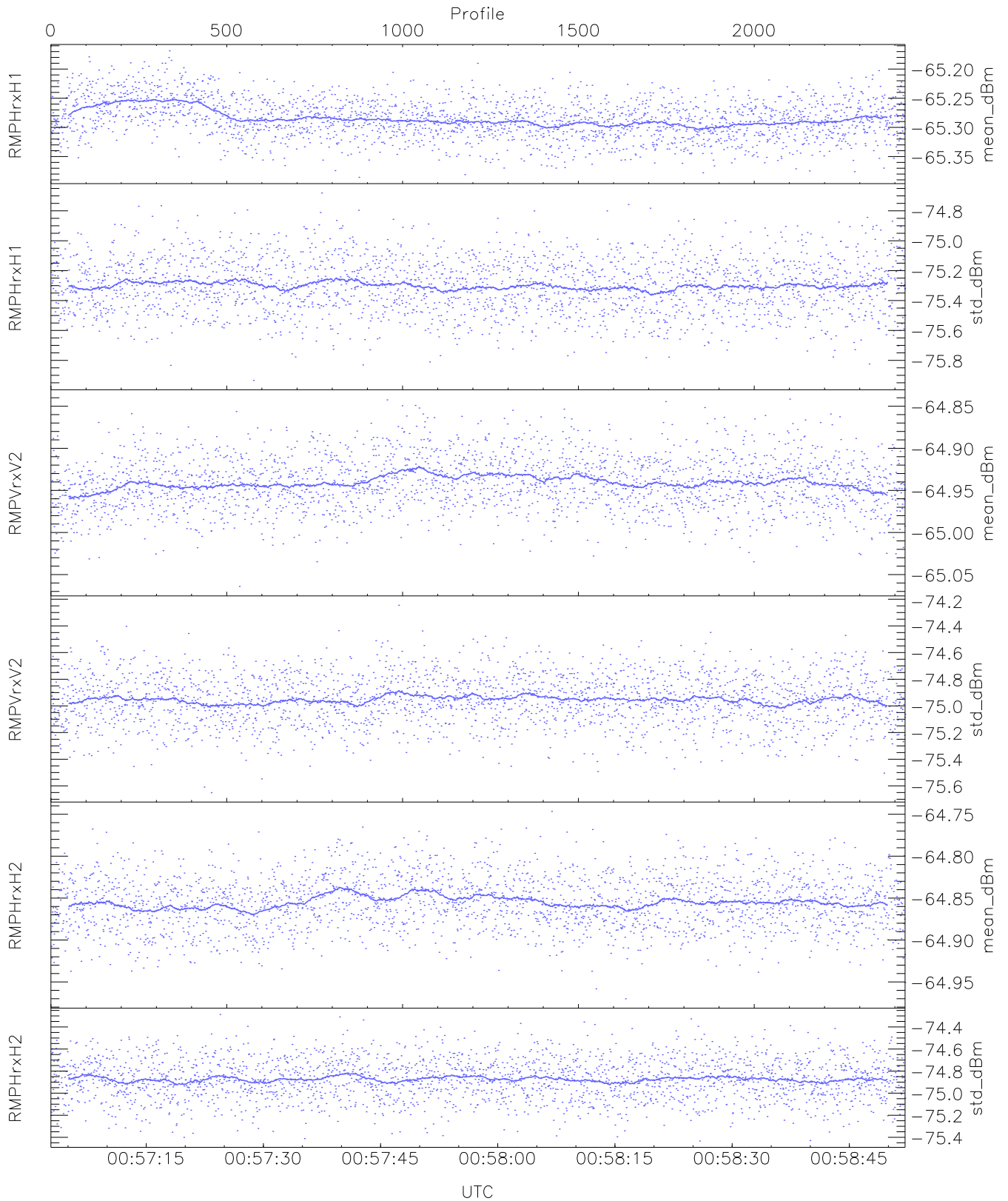
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



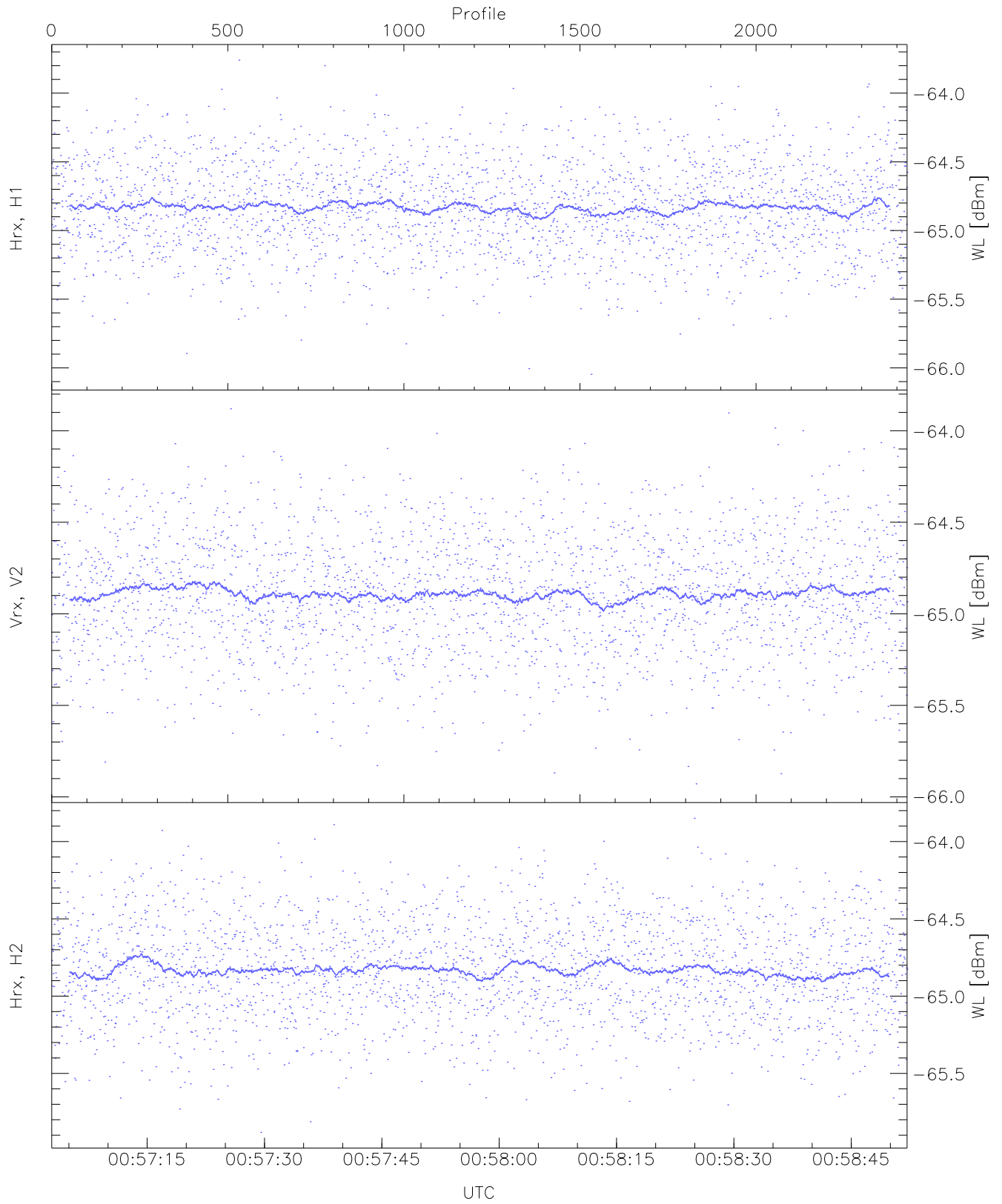
### WCR3 CPP Receivers Gain and Noise Figure

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



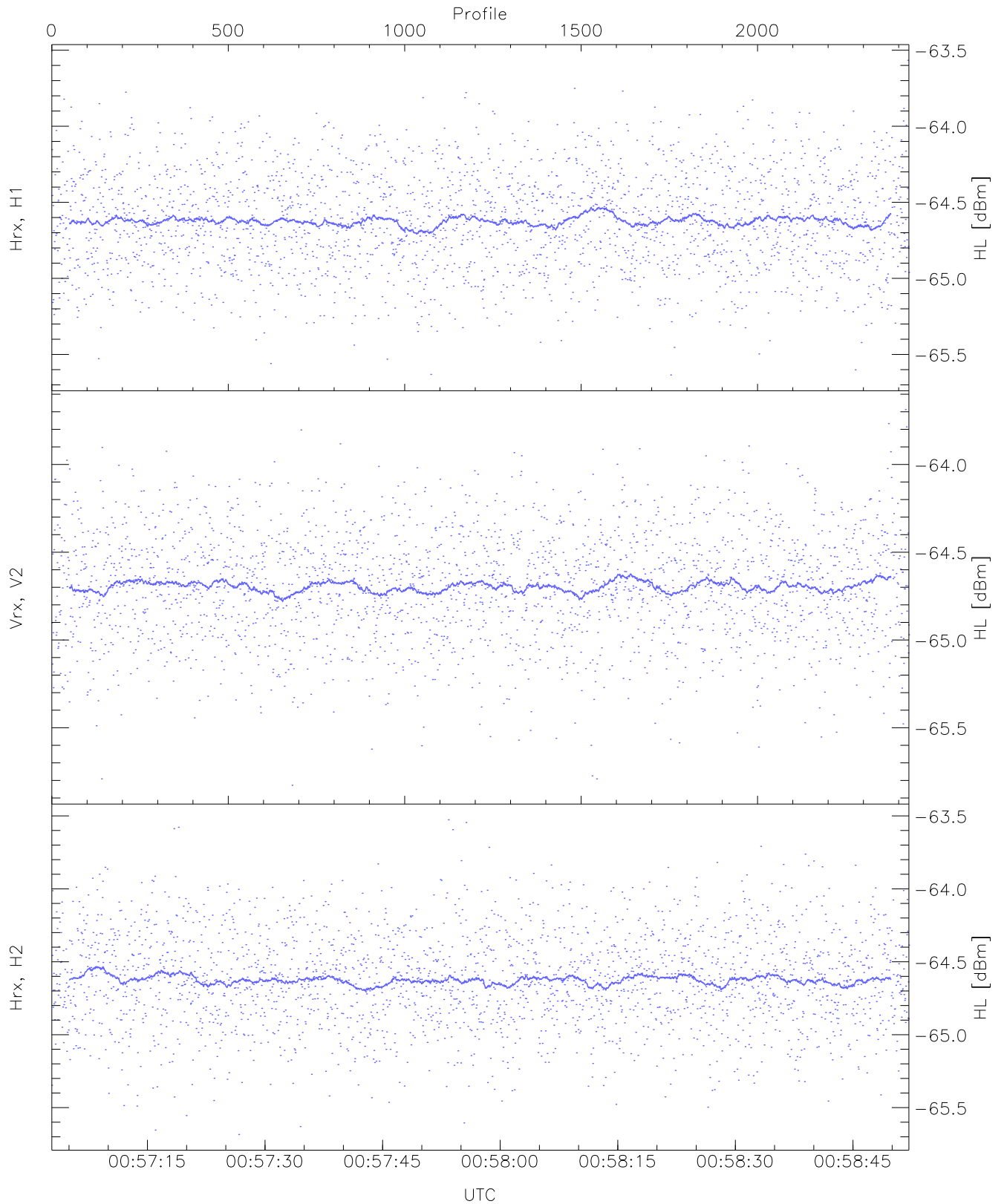
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.39	-65.17	-65.28	-65.29	-86.50
RMPHrxH1(std_dBm)	-75.93	-74.68	-75.30	-75.30	-89.15
RMPVrxV2(mean_dBm)	-65.06	-64.84	-64.94	-64.94	-86.42
RMPVrxV2(std_dBm)	-75.65	-74.25	-74.95	-74.96	-88.77
RMPHrxH2(mean_dBm)	-64.97	-64.75	-64.86	-64.86	-86.35
RMPHrxH2(std_dBm)	-75.43	-74.29	-74.87	-74.88	-88.70



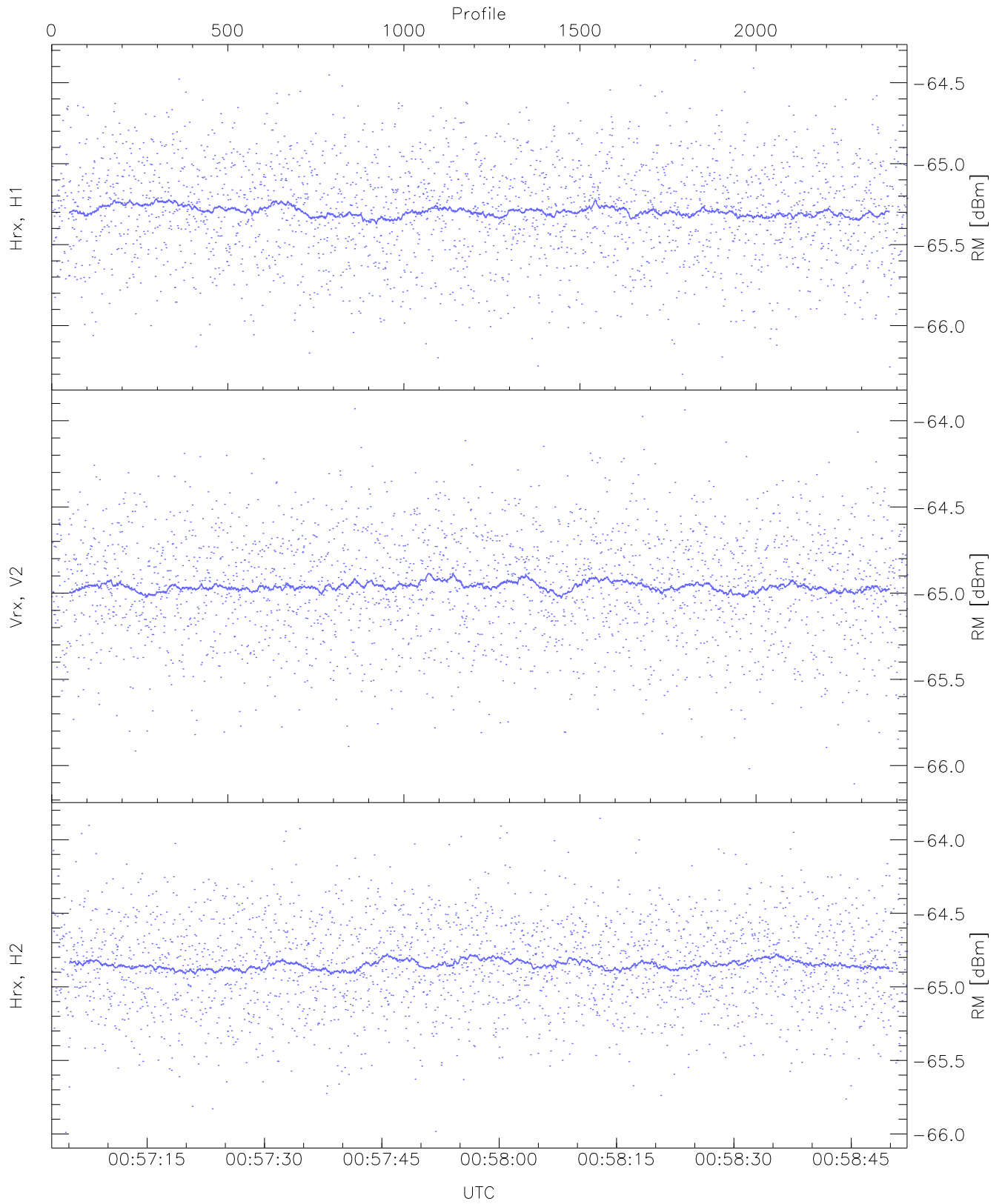
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.05	-63.76	-64.82	-64.83	-76.22
Vrx, V2 (WL [dBm])	-65.93	-63.88	-64.88	-64.89	-76.36
Hrx, H2 (WL [dBm])	-65.88	-63.85	-64.82	-64.84	-76.31



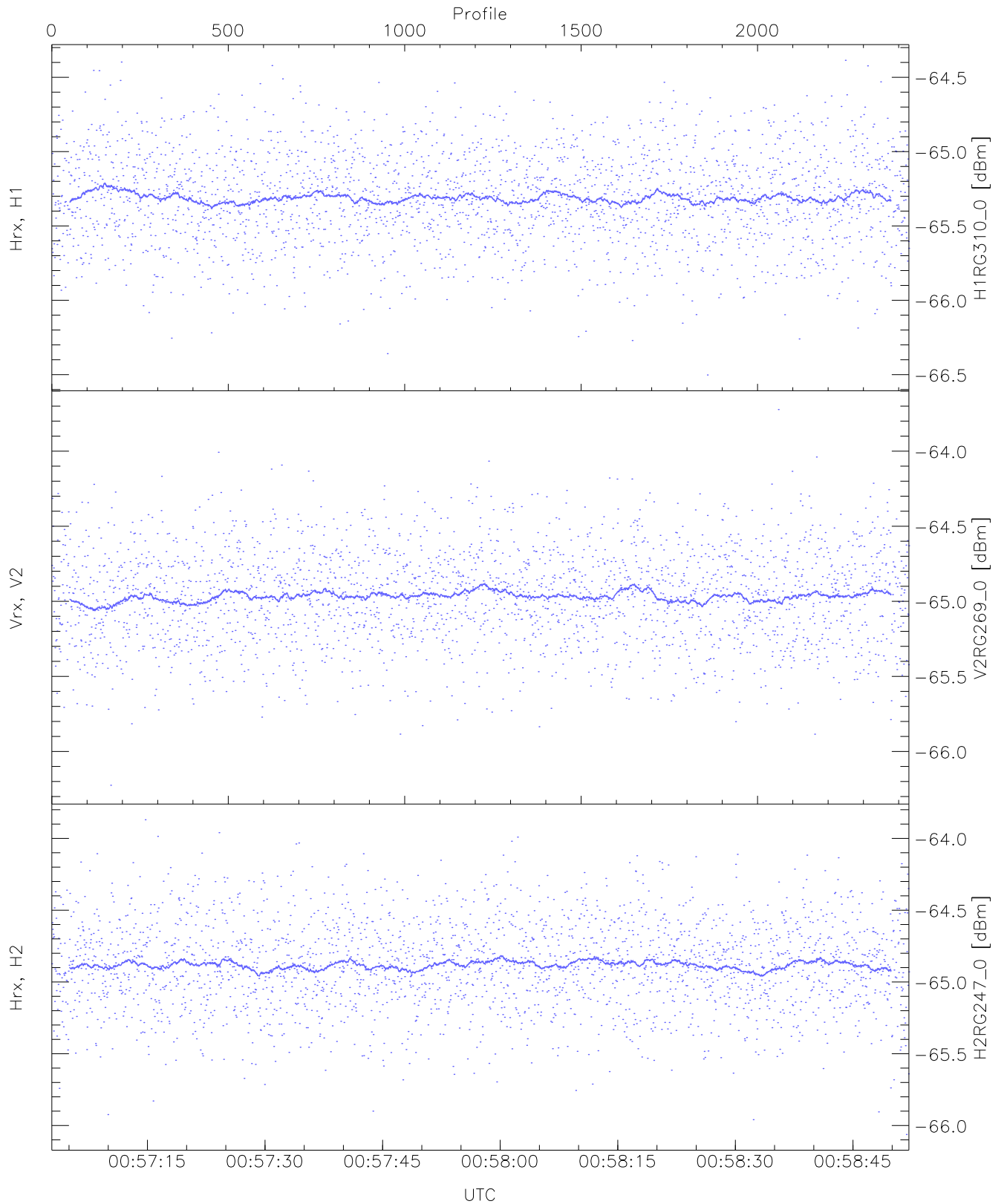
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.64	-63.57	-64.61	-64.63	-76.01
Vrx, V2 (HL [dBm])	-65.83	-63.69	-64.69	-64.69	-76.26
Hrx, H2 (HL [dBm])	-65.68	-63.53	-64.61	-64.63	-75.95



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

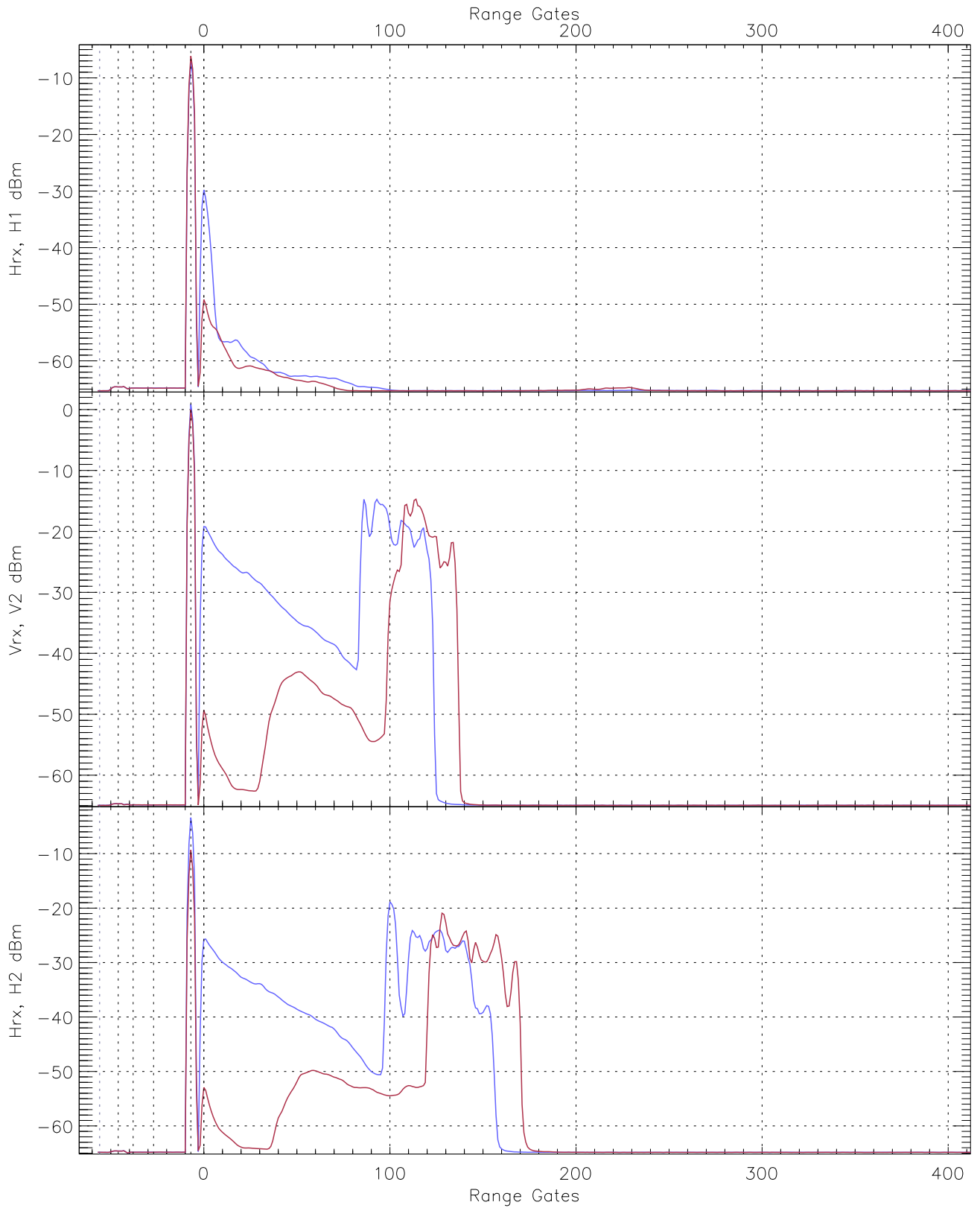
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.30	-64.36	-65.29	-65.28	-76.88
Vrx, V2 (RM [dBm])	-66.11	-63.93	-64.95	-64.96	-76.45
Hrx, H2 (RM [dBm])	-65.99	-63.85	-64.84	-64.85	-76.37



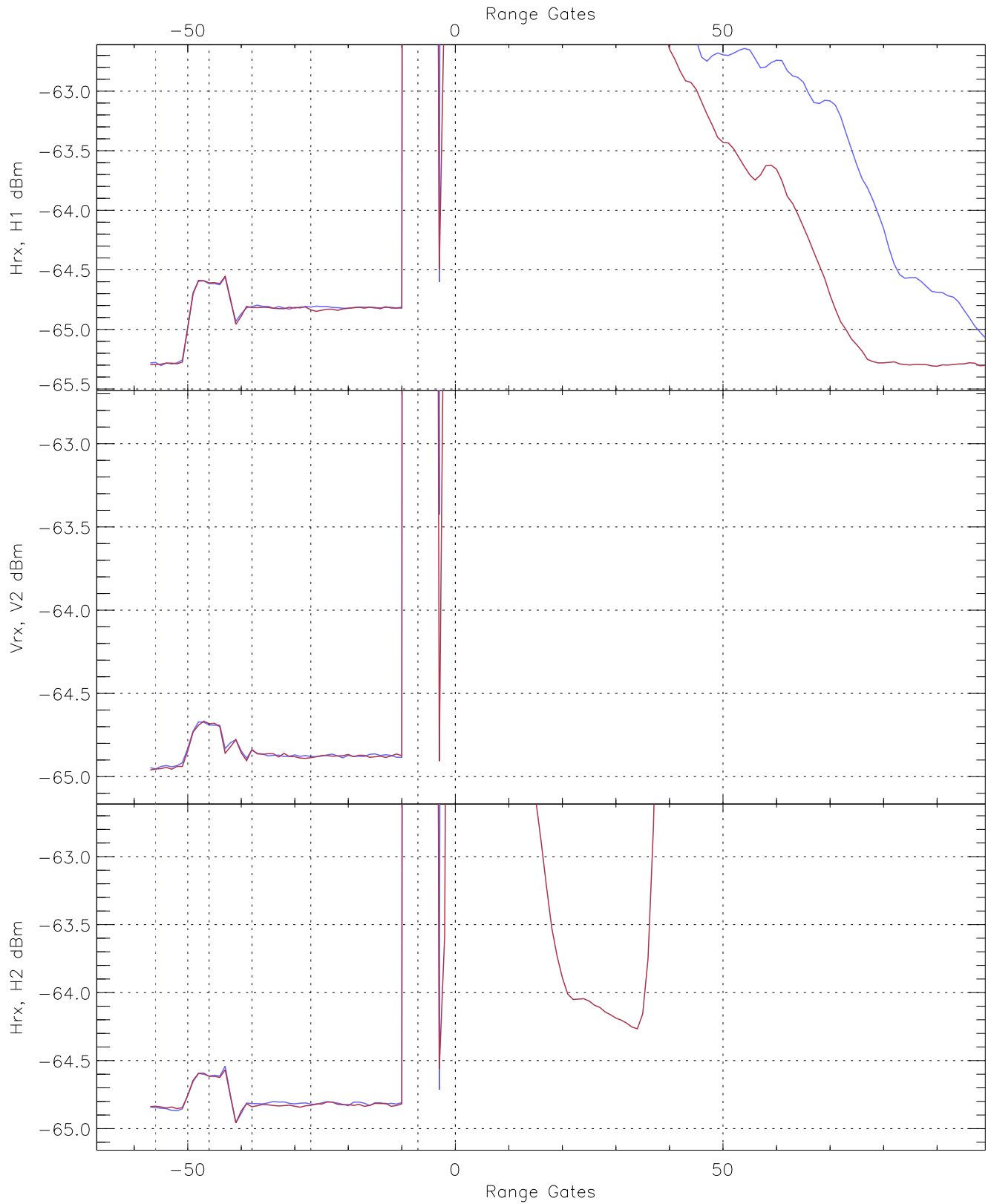
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG310_0 [dBm]	-66.50	-64.39	-65.30	-65.31	-76.87
V2RG269_0 [dBm]	-66.23	-63.72	-64.96	-64.96	-76.45
H2RG247_0 [dBm]	-66.06	-63.87	-64.87	-64.89	-76.44

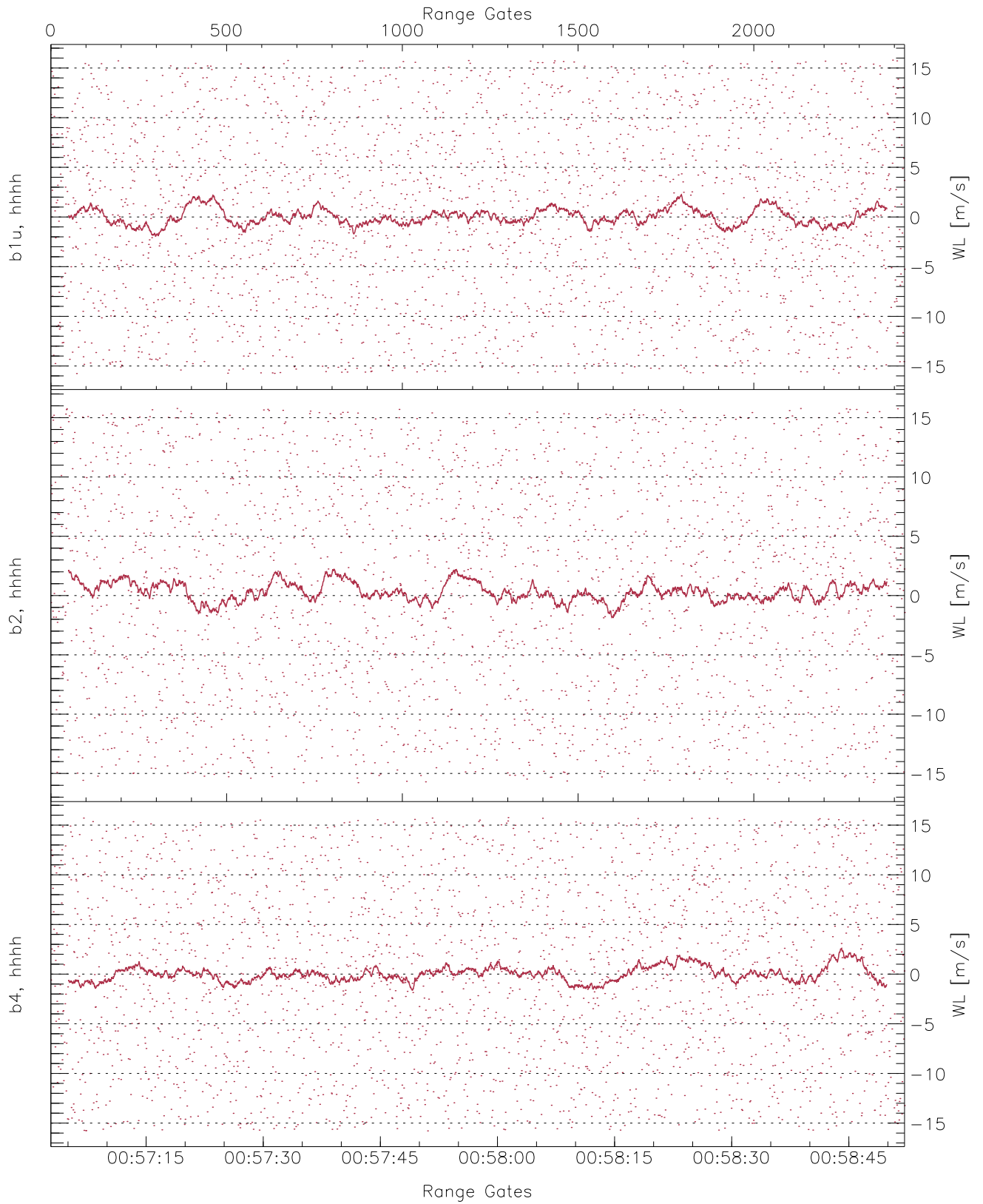




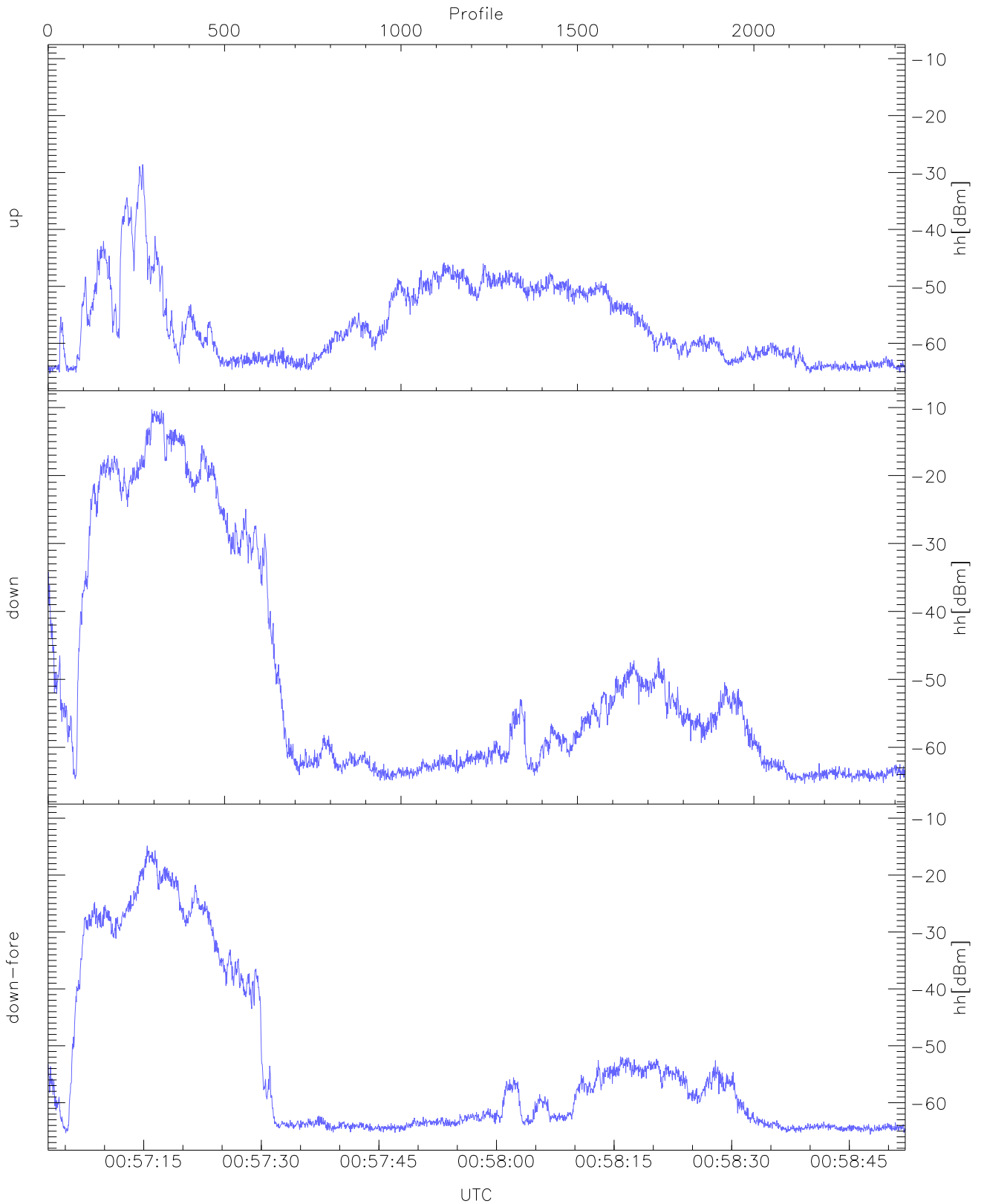
WCR3 CPP Averaged Received power for all recorded gates  
blue: 005703-005757, 1216 profiles averaged  
red: 005757-005852, 1215 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 005703-005757, 1216 profiles averaged  
red: 005757-005852, 1215 profiles averaged

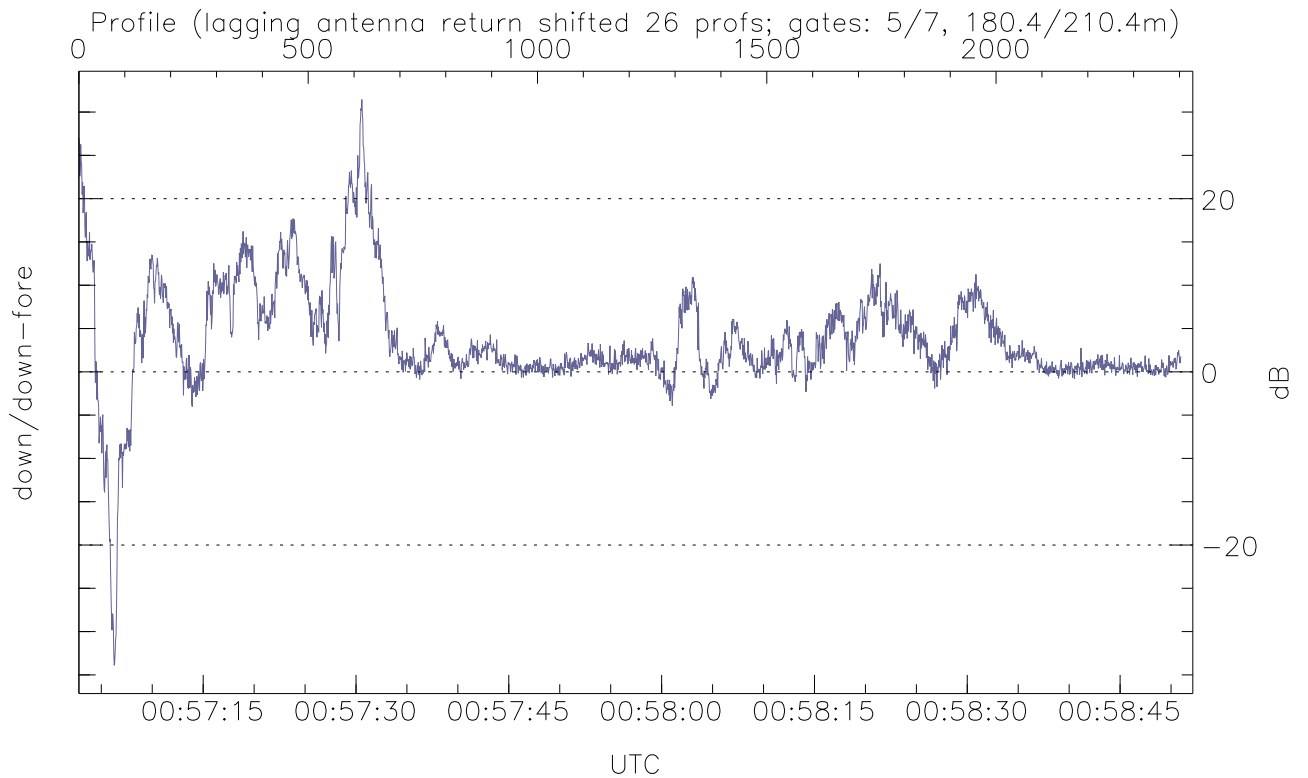
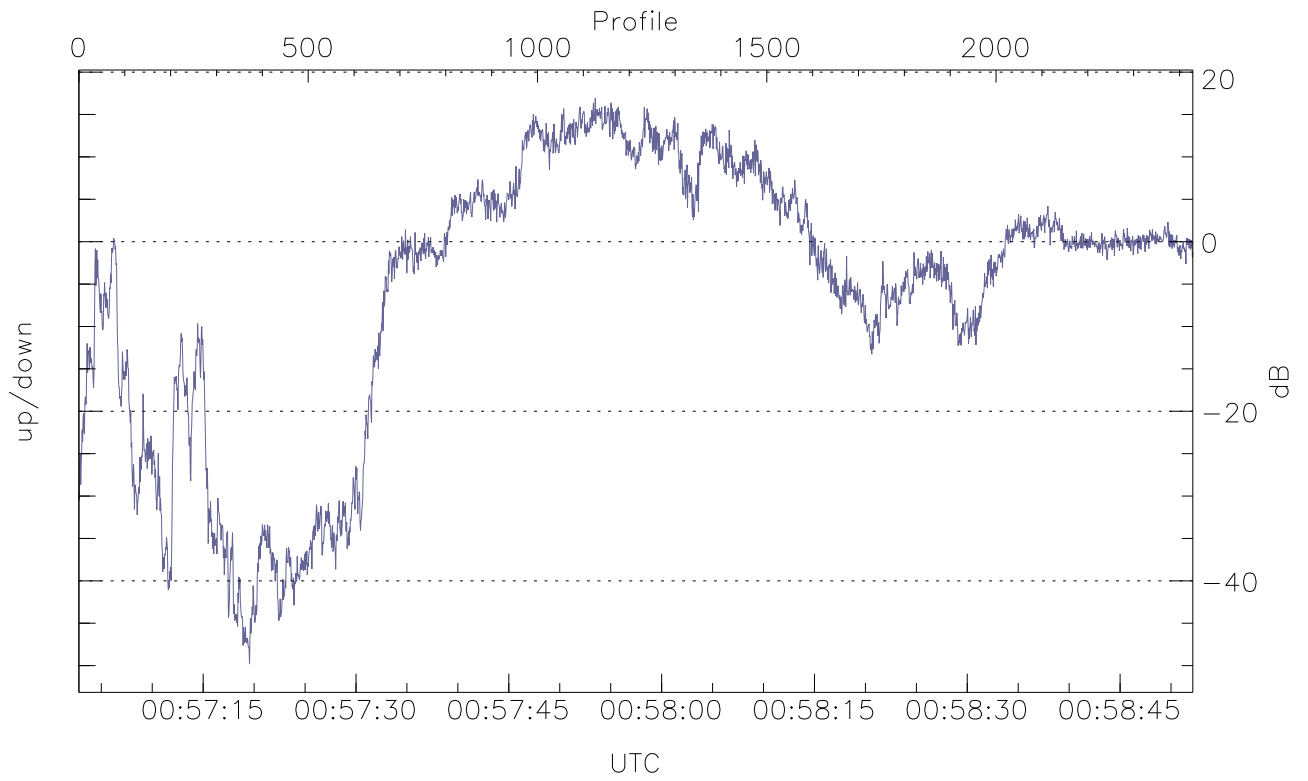


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



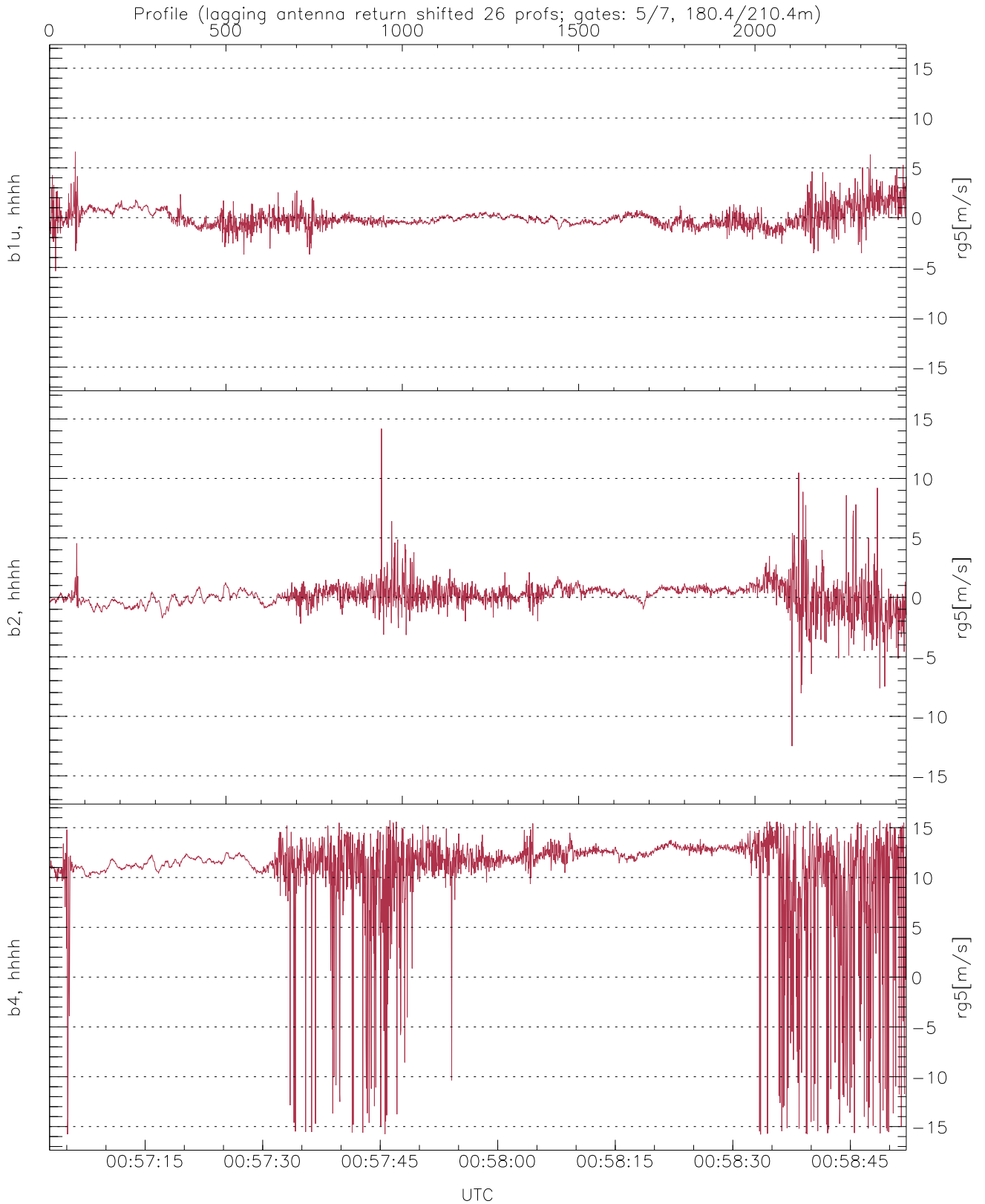
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.32	-28.59	-48.35
down(hh[dBm])	-65.38	-10.29	-24.72
down-fore(hh[dBm])	-65.58	-14.86	-30.71



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

	Min	Max	Mean
up/down (dB)	-49.82	16.91	-5.69
down/down-fore (dB)	-33.89	31.45	3.82



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-5.37	6.60	-0.03	1.00
b2, hhhh(rg5[m/s])	-12.50	14.19	0.13	1.26
b4, hhhh(rg5[m/s])	-15.79	15.76	10.59	5.34