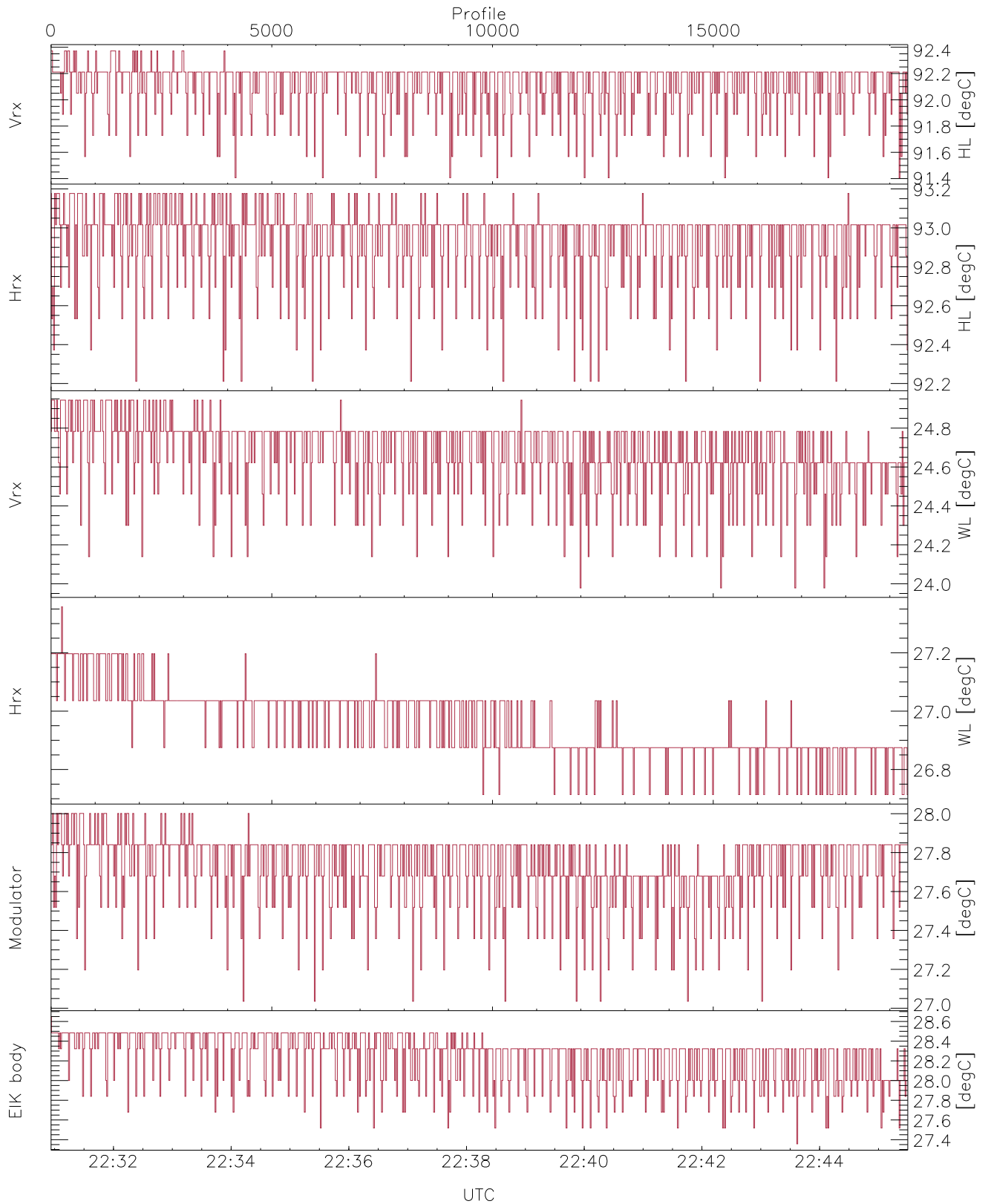


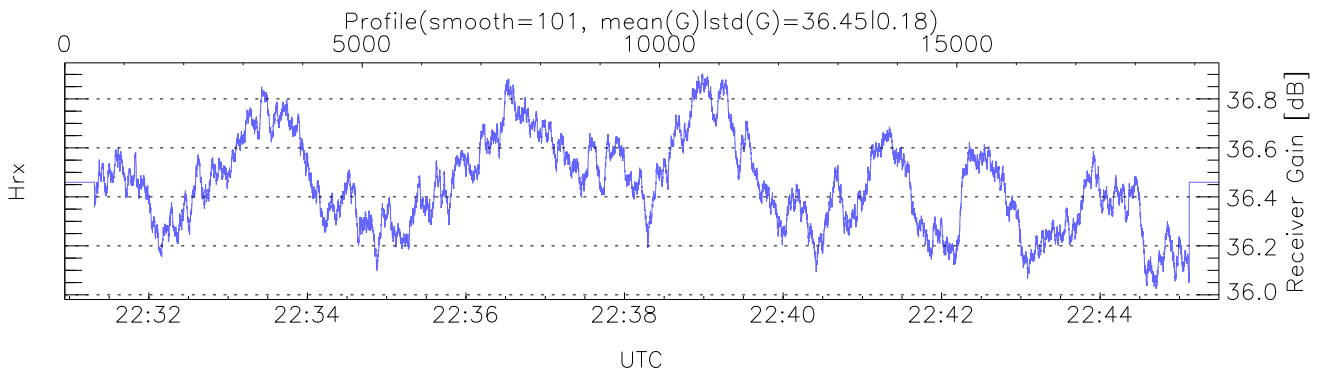
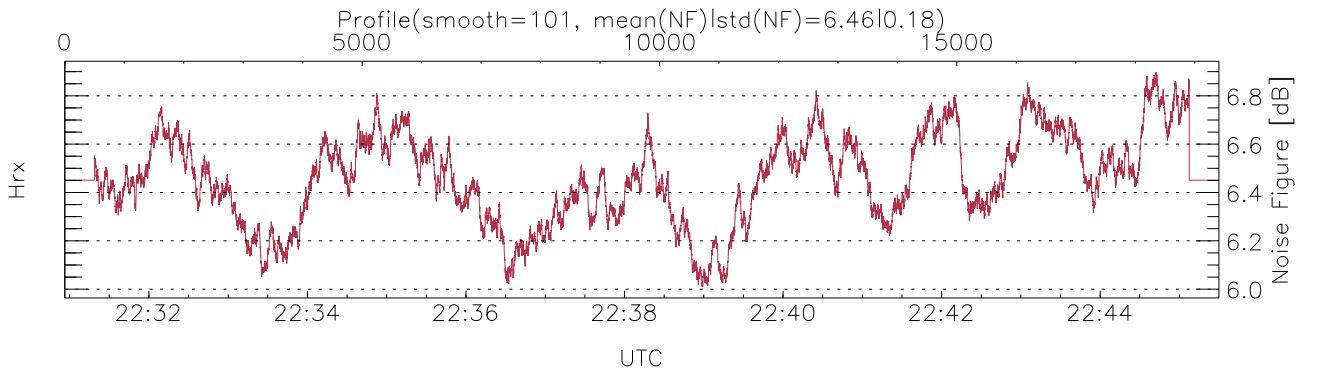
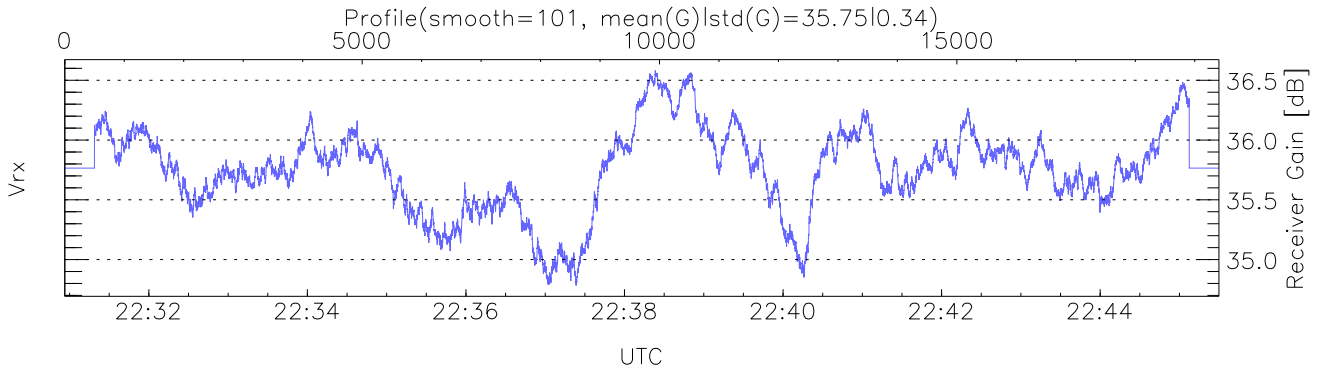
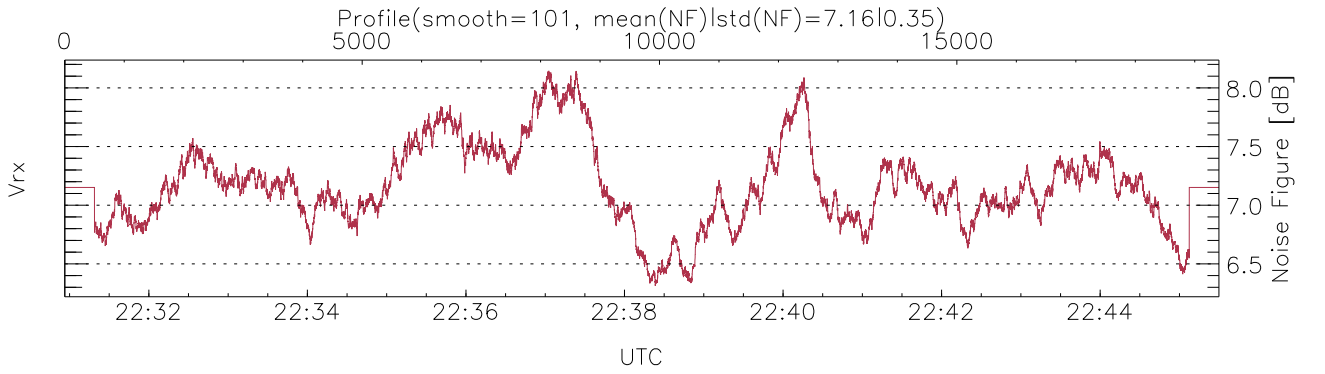
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:30:56-22:45:30, TimeCor: 0.00s, Dur: 873.53s  
 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): 19408/19408, 0-19407/22:30:56-22:45:30  
 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



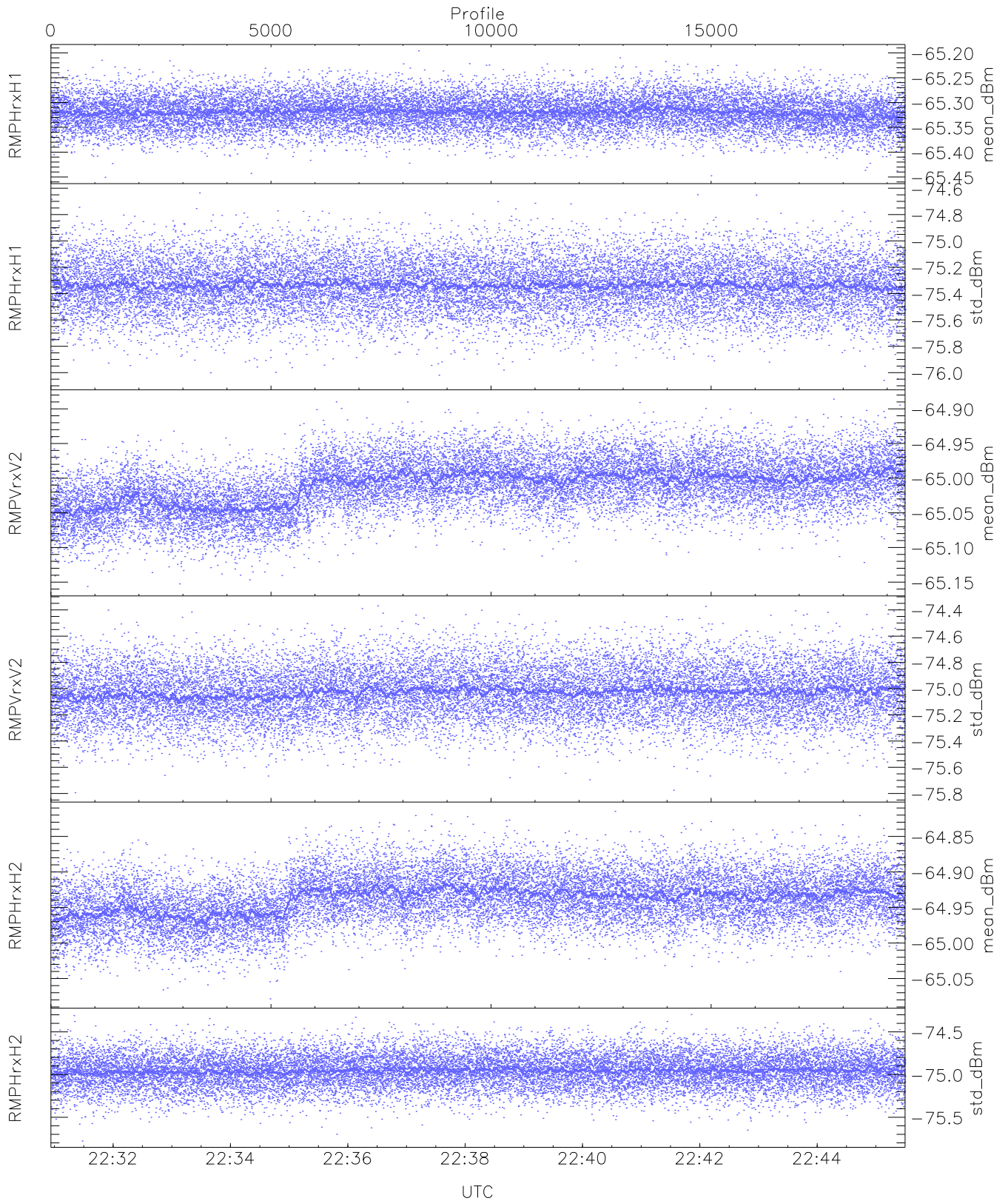
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,27,27  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,28,28  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



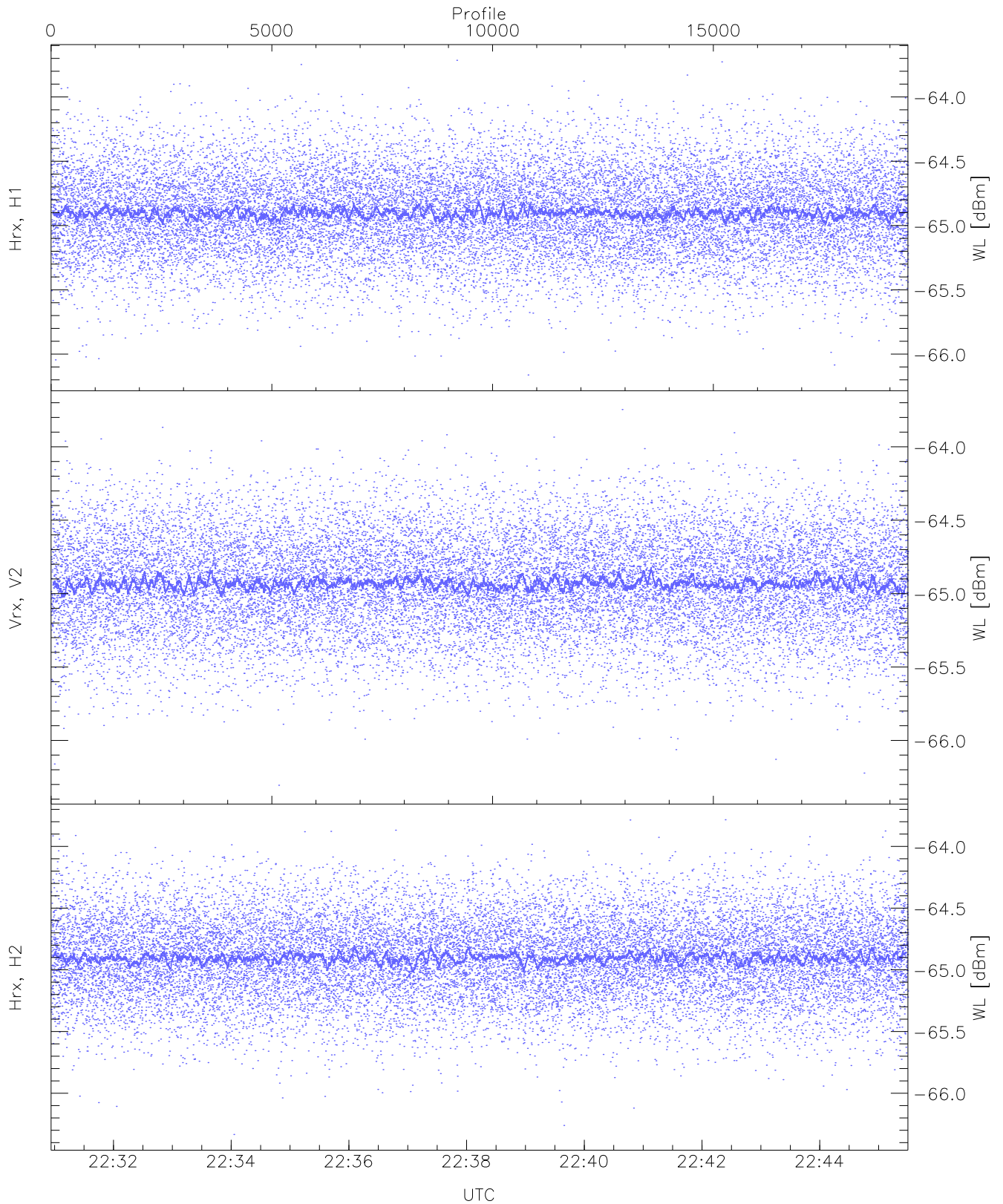
WCR3 CPP Receivers Gain and Noise Figure

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



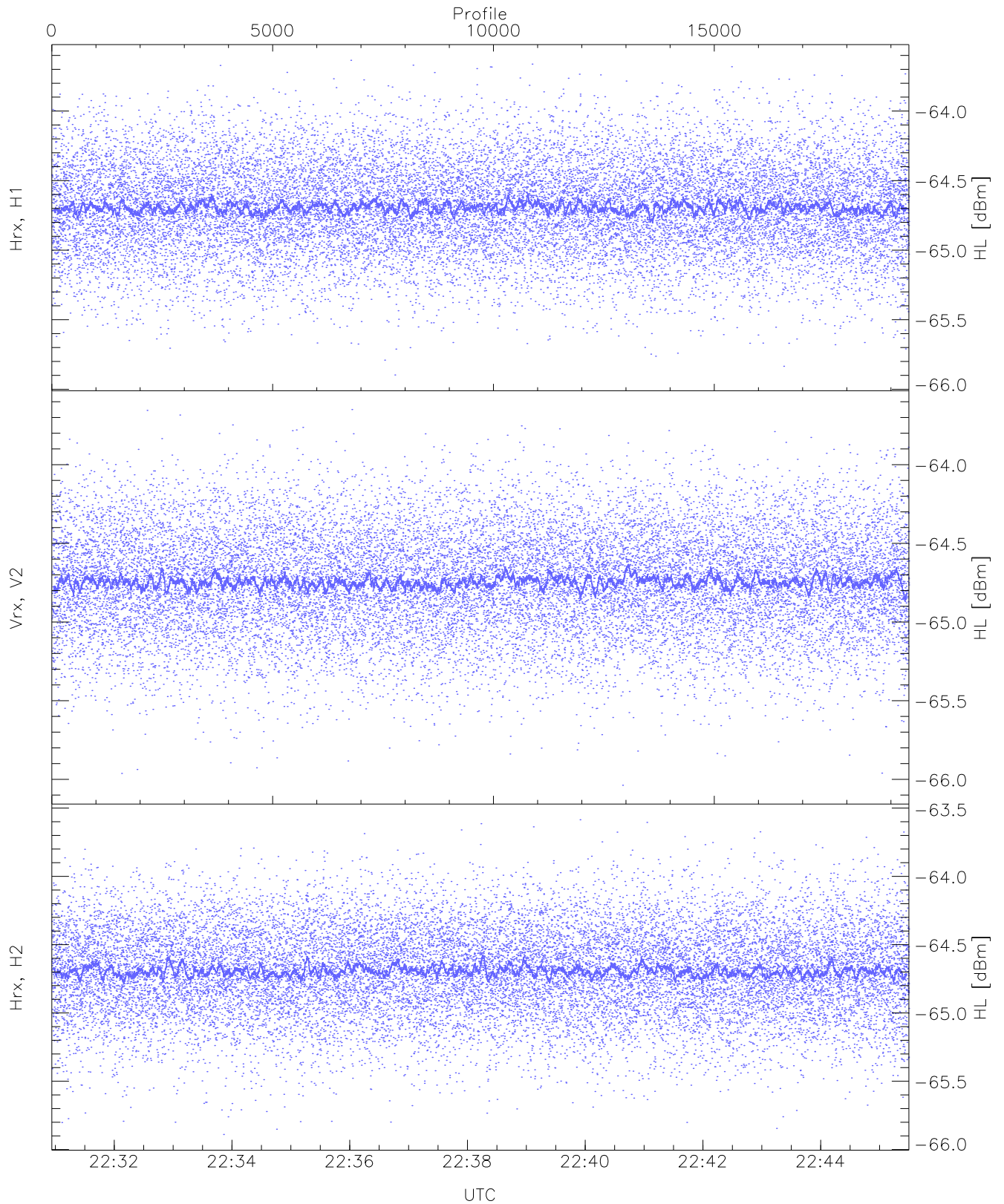
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.45	-65.20	-65.32	-65.32	-86.89
RMPHrxH1 (std_dBm)	-76.06	-74.64	-75.34	-75.34	-89.11
RMPVrxV2 (mean_dBm)	-65.16	-64.89	-65.01	-65.01	-85.75
RMPVrxV2 (std_dBm)	-75.79	-74.36	-75.03	-75.03	-88.80
RMPHrxH2 (mean_dBm)	-65.08	-64.81	-64.94	-64.94	-86.10
RMPHrxH2 (std_dBm)	-75.78	-74.30	-74.95	-74.96	-88.75



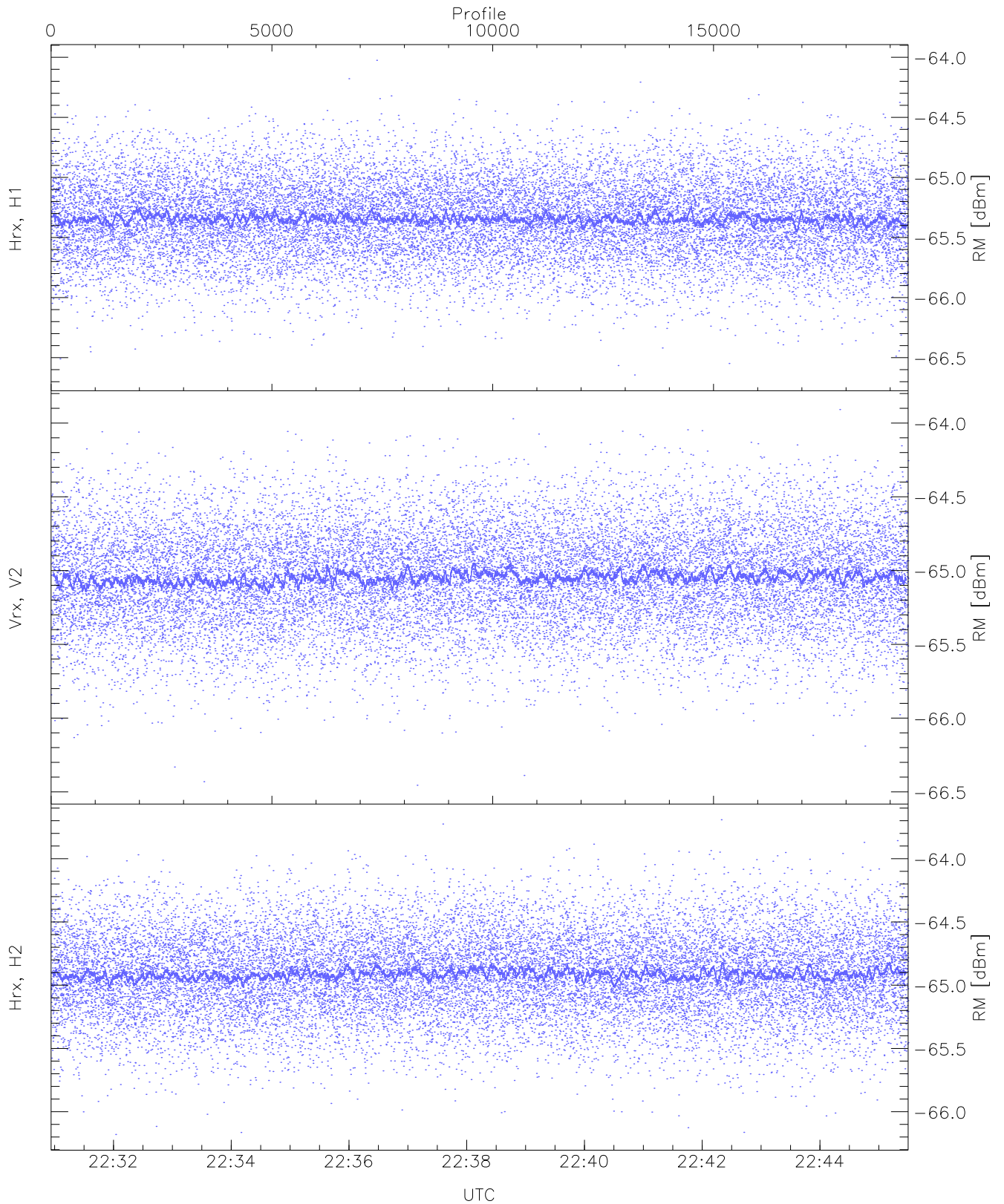
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.16	-63.71	-64.90	-64.90	-76.38
Vrx, V2 (WL [dBm])	-66.31	-63.75	-64.92	-64.93	-76.47
Hrx, H2 (WL [dBm])	-66.33	-63.78	-64.90	-64.90	-76.40



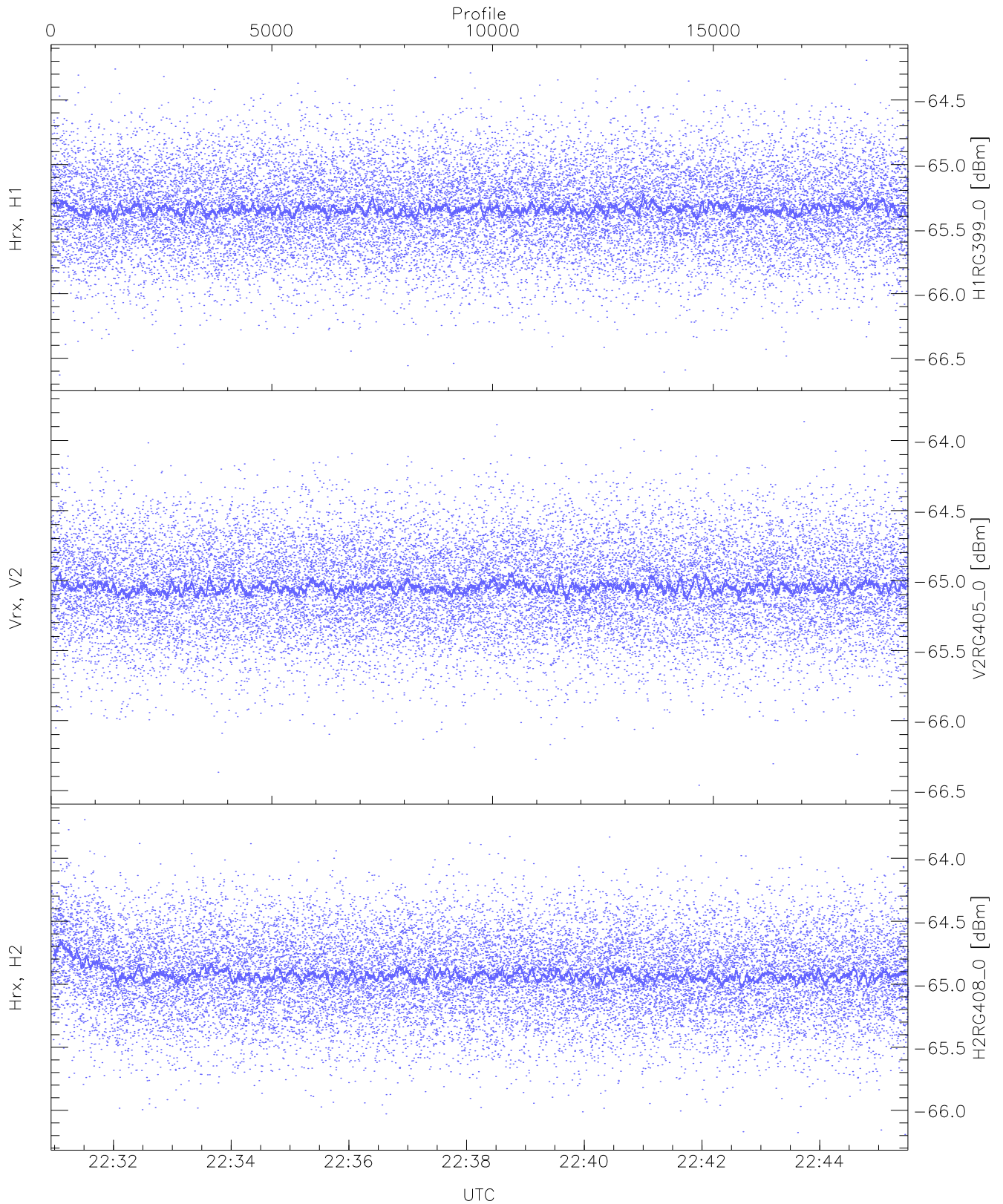
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.90	-63.64	-64.69	-64.69	-76.17
Vrx, V2 (HL [dBm])	-66.04	-63.65	-64.74	-64.74	-76.20
Hrx, H2 (HL [dBm])	-65.89	-63.59	-64.69	-64.69	-76.21



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

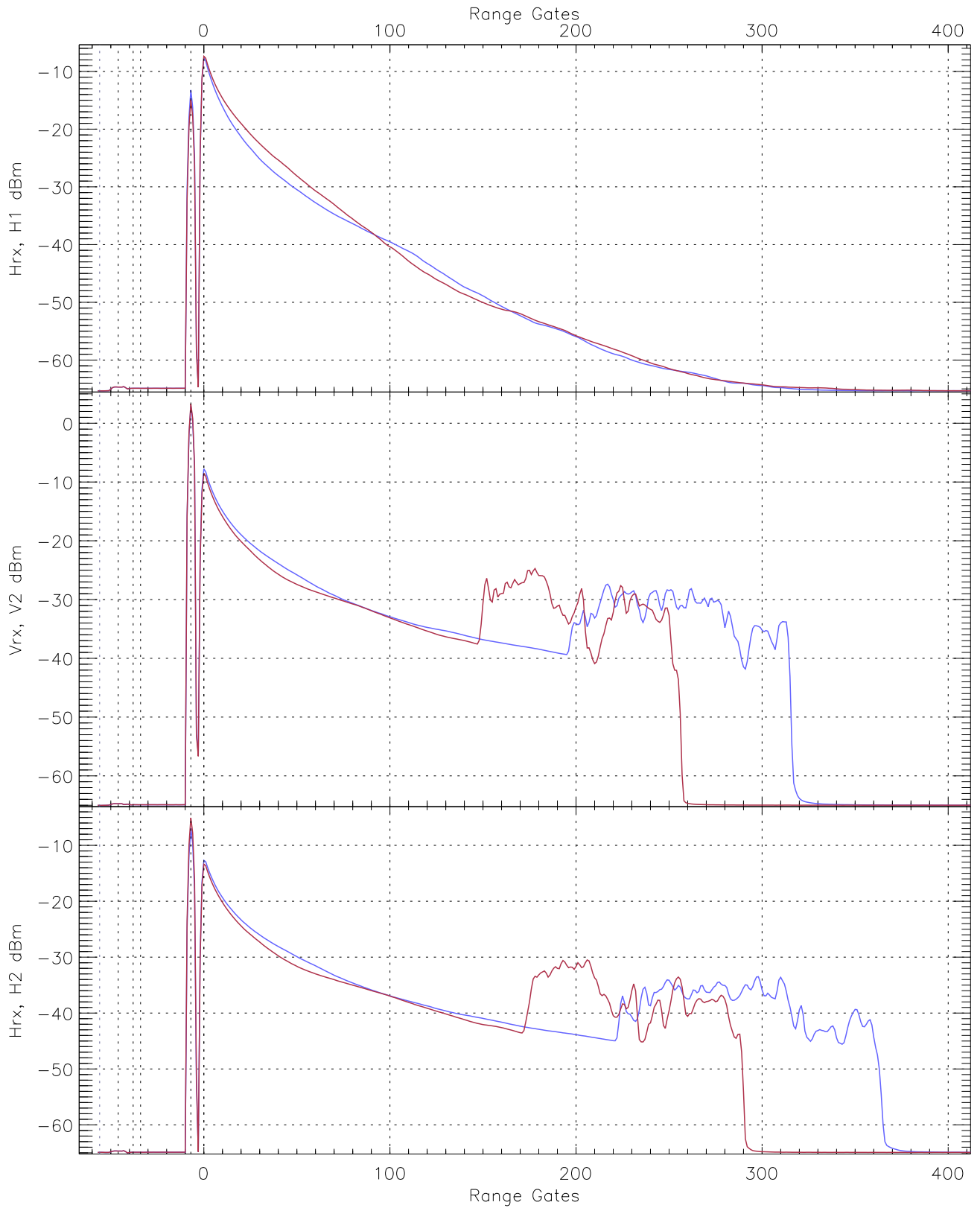
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.64	-64.03	-65.34	-65.35	-76.83
Vrx, V2 (RM [dBm])	-66.46	-63.91	-65.04	-65.05	-76.52
Hrx, H2 (RM [dBm])	-66.18	-63.69	-64.91	-64.91	-76.37



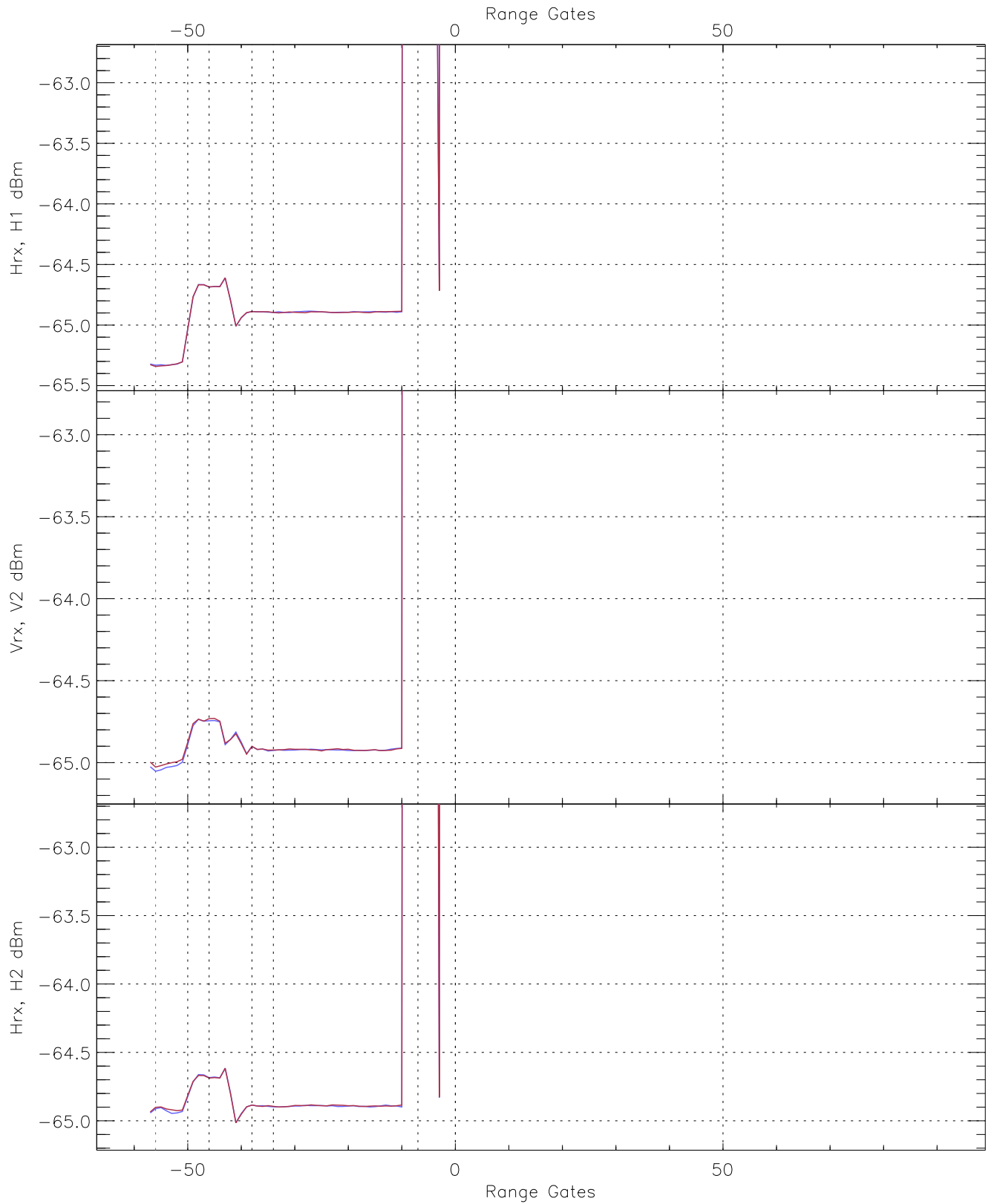
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG399_0 [dBm]	-66.63	-64.19	-65.34	-65.34	-76.81
V2RG405_0 [dBm]	-66.46	-63.78	-65.04	-65.05	-76.55
H2RG408_0 [dBm]	-66.19	-63.69	-64.91	-64.92	-76.33

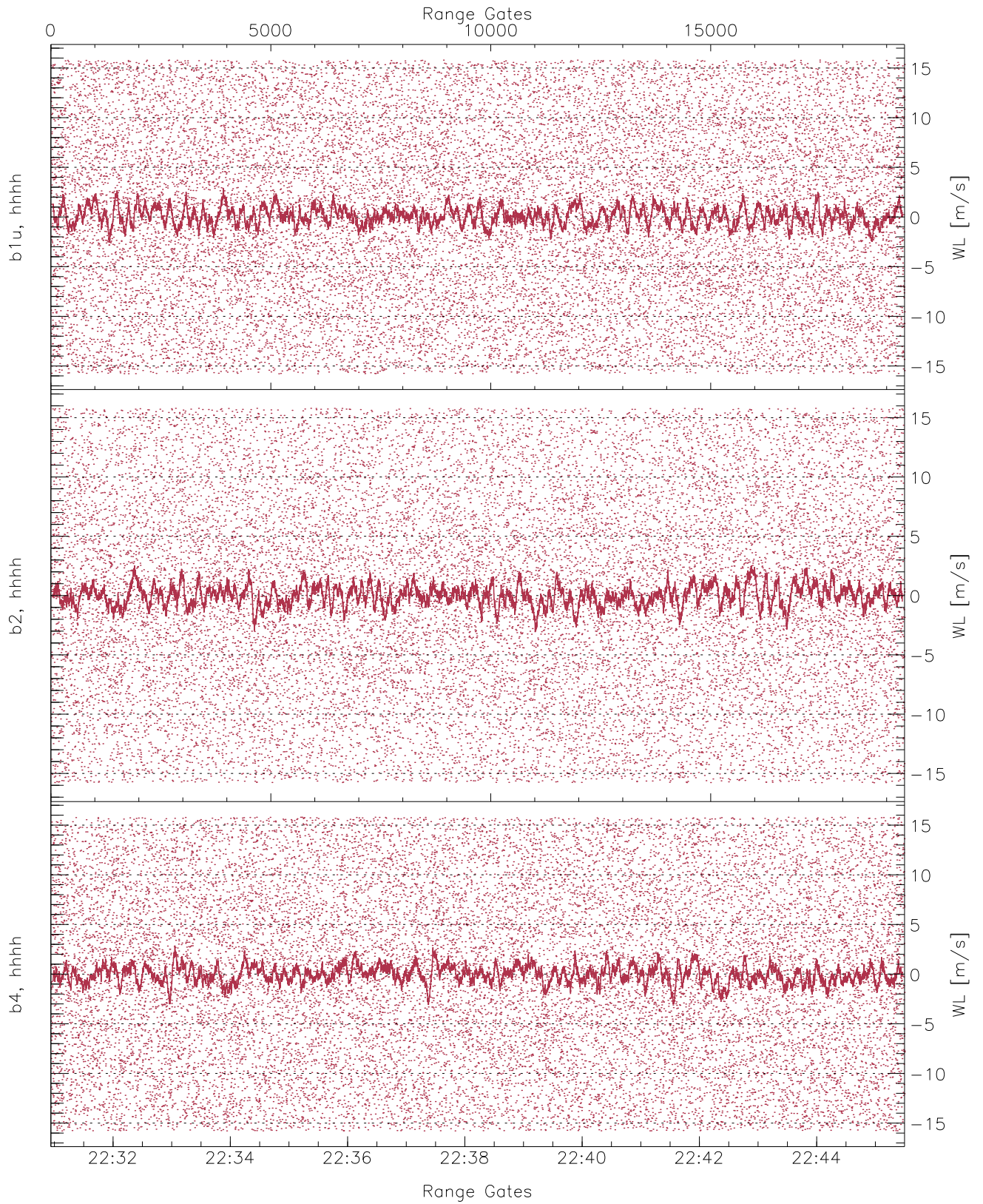




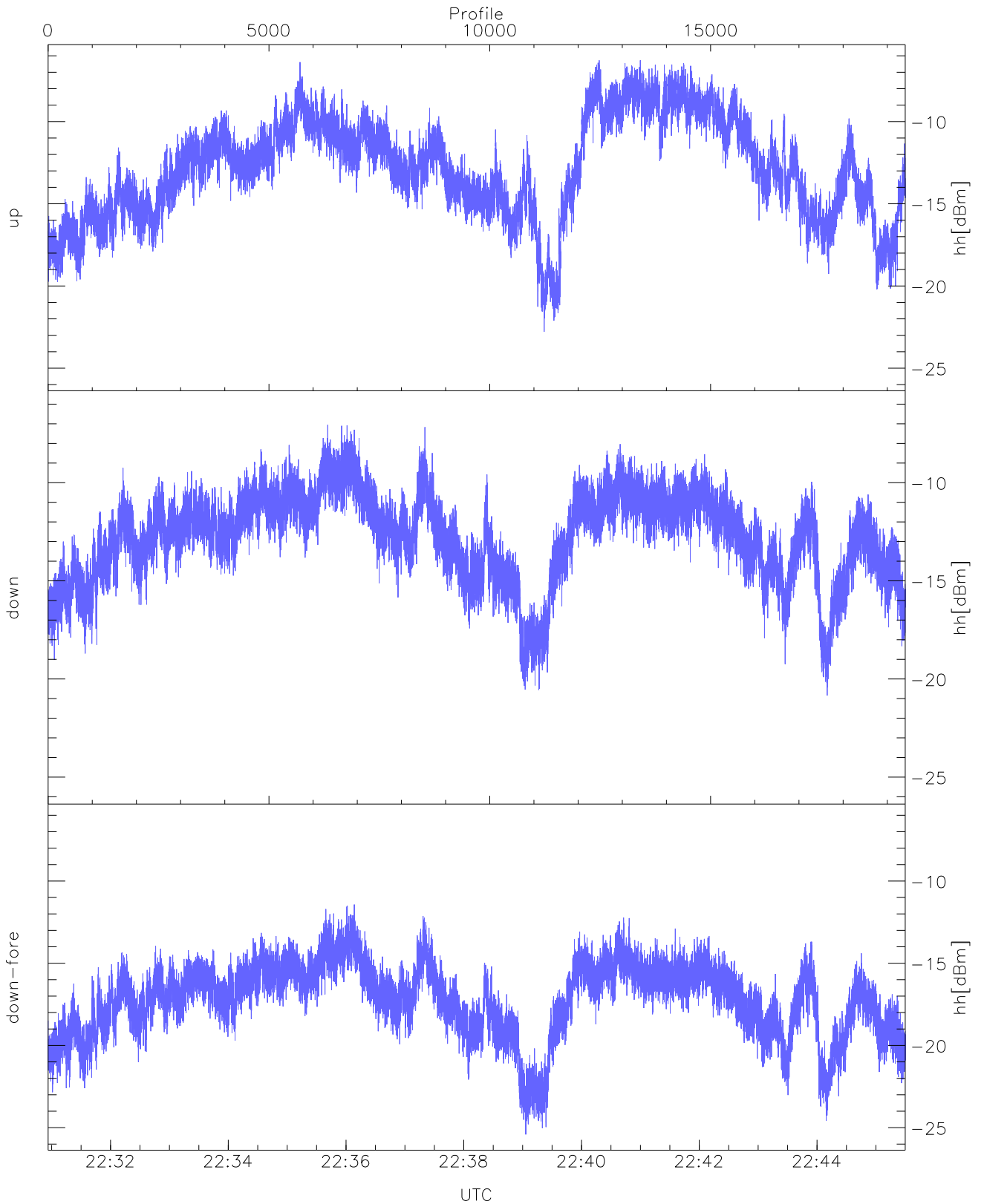
WCR3 CPP Averaged Received power for all recorded gates  
blue: 223056-223813, 9705 profiles averaged  
red: 223813-224530, 9704 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 223056-223813, 9705 profiles averaged  
red: 223813-224530, 9704 profiles averaged

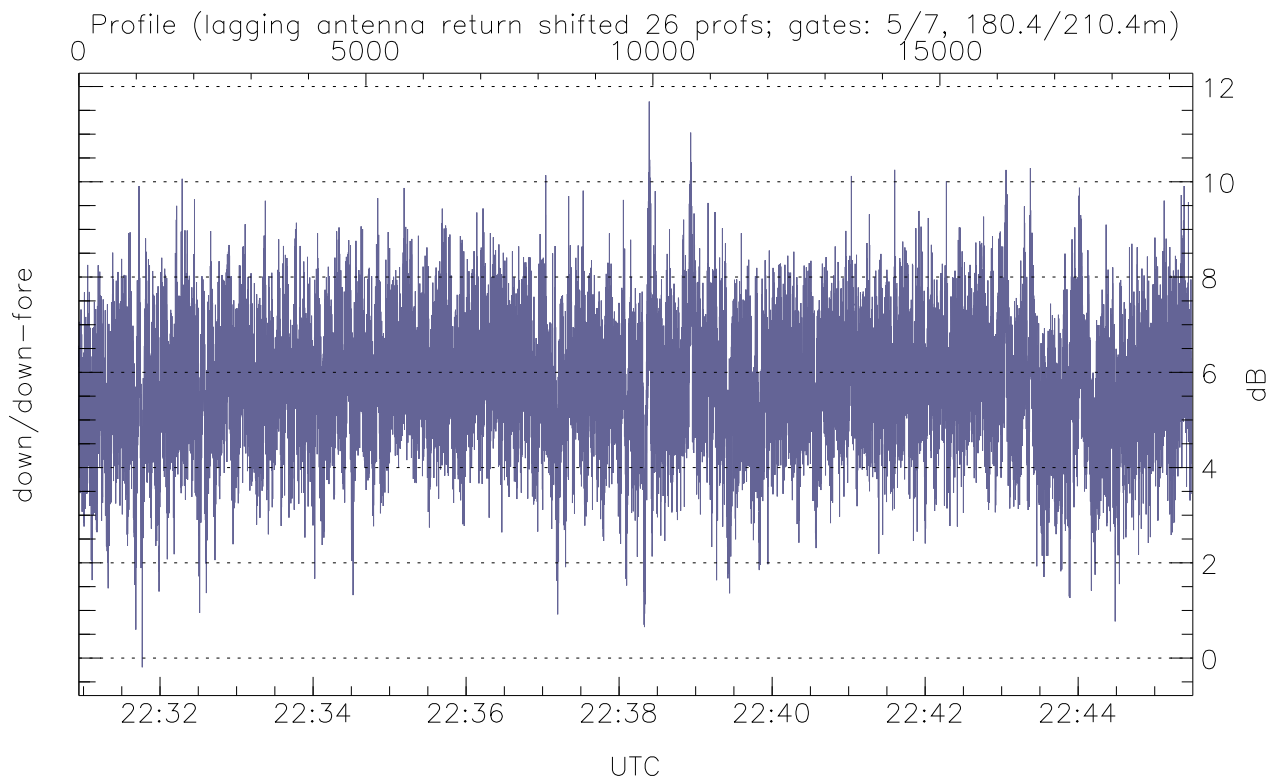
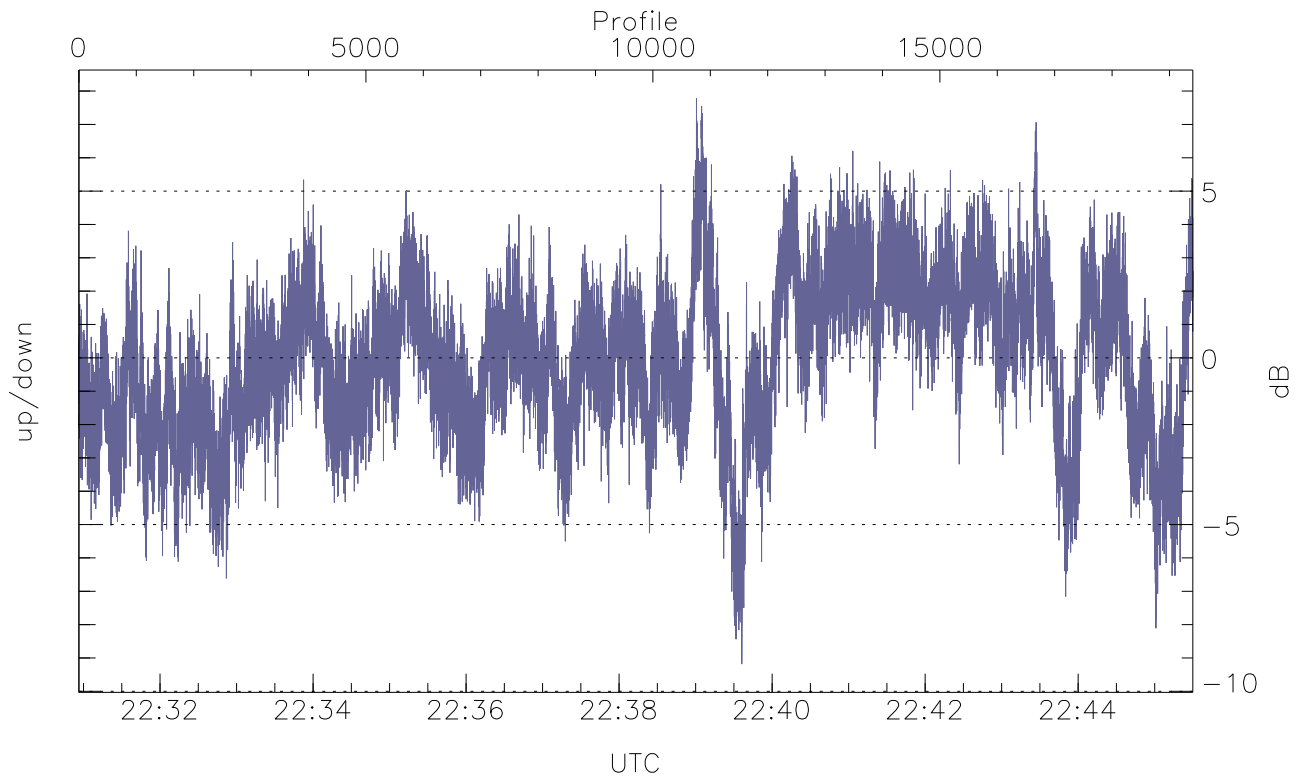


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



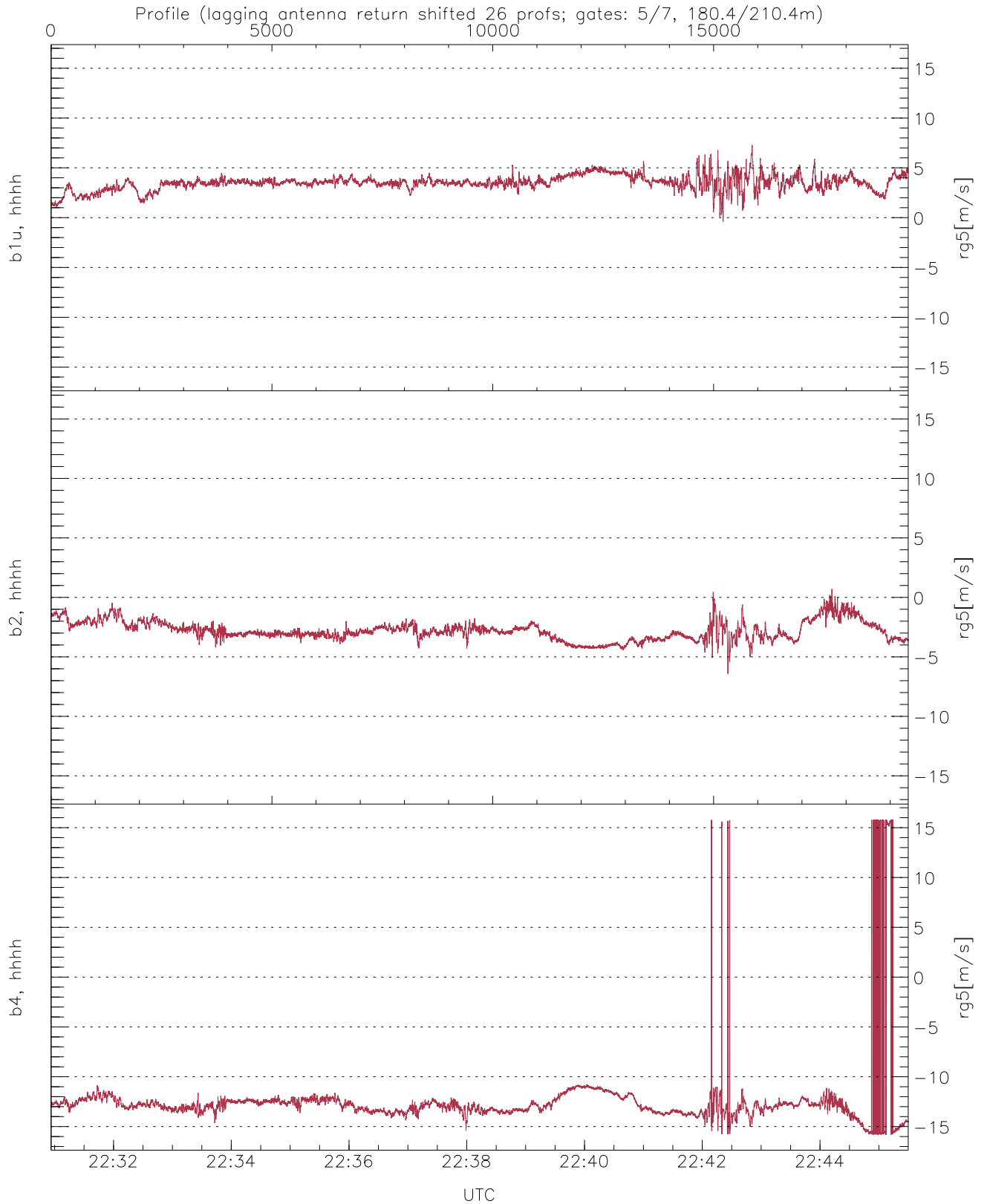
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-22.79	-6.27	-11.89
down(hh[dBm])	-20.84	-7.06	-12.28
down-fore(hh[dBm])	-25.41	-11.42	-16.74



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

	Min	Max	Mean
up/down (dB)	-9.18	7.78	-0.05
down/down-fore (dB)	-0.19	11.69	5.75



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.40	7.28	3.50	0.75
b2, hhhh(rg5[m/s])	-6.42	0.70	-2.82	0.80
b4, hhhh(rg5[m/s])	-15.79	15.79	-12.54	3.46