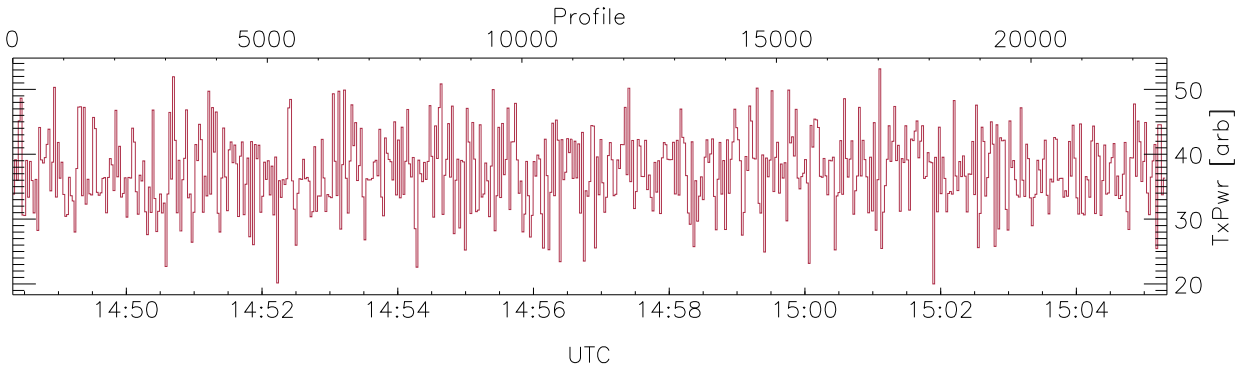
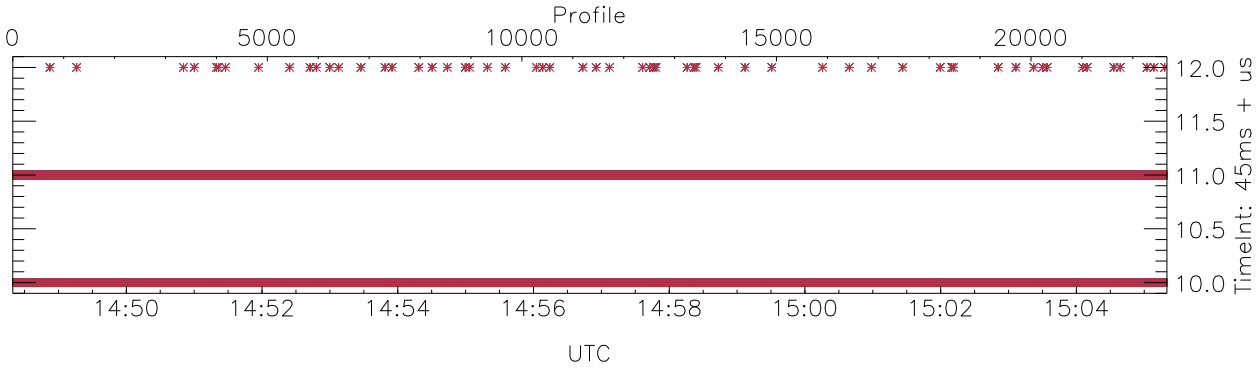
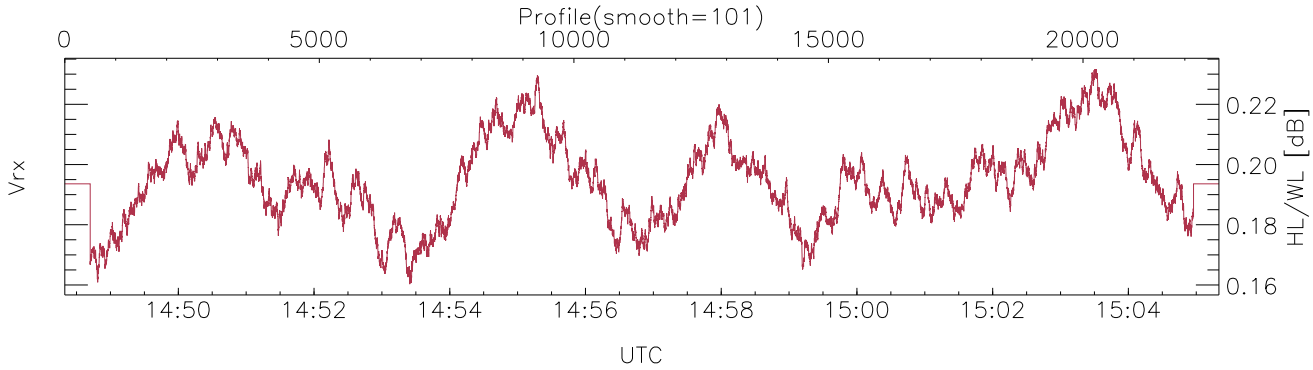
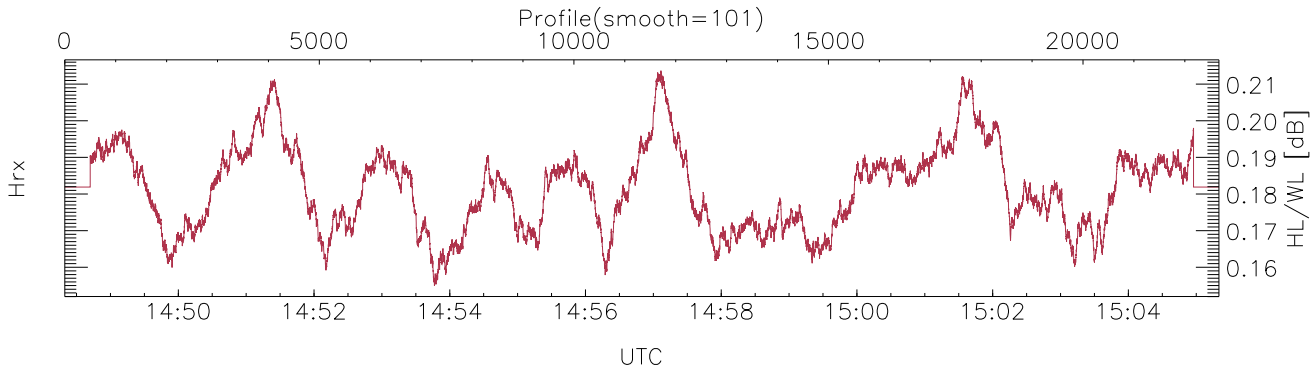


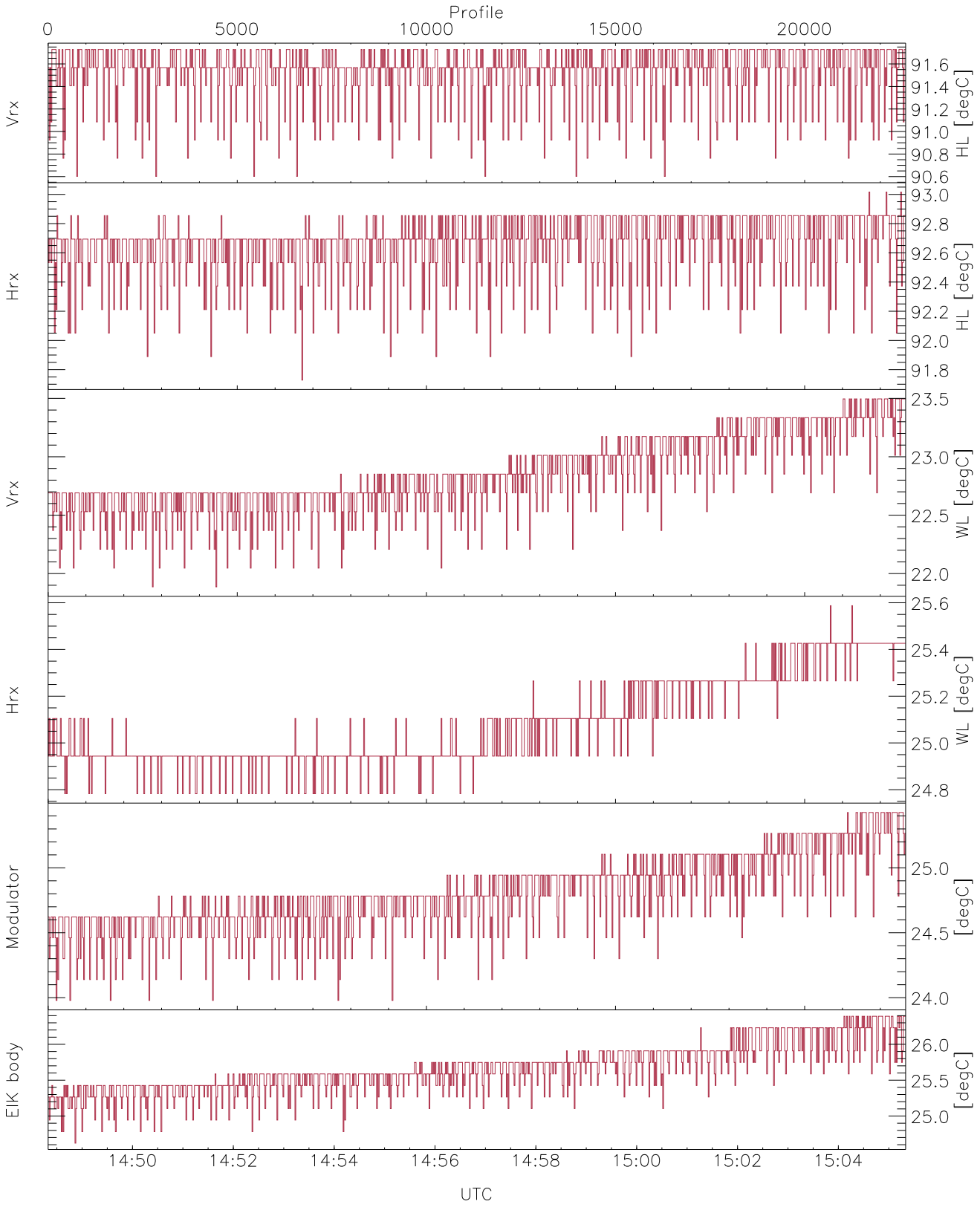






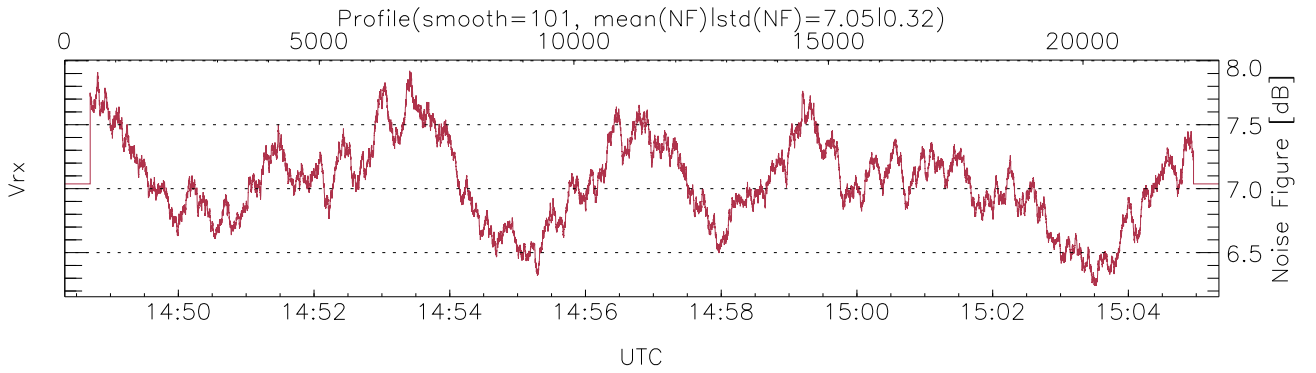
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

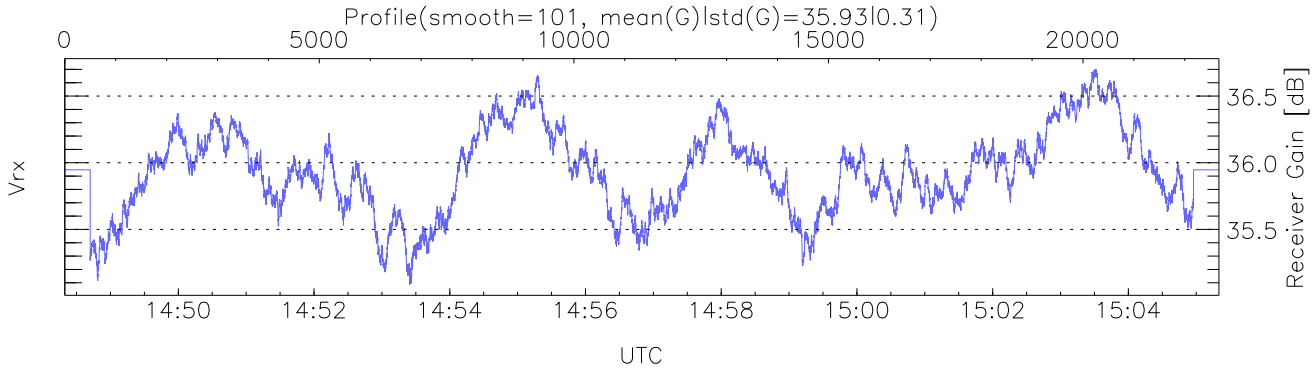
UTC: 14:48:20-15:05:20, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/14:48:20-15:05:20
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

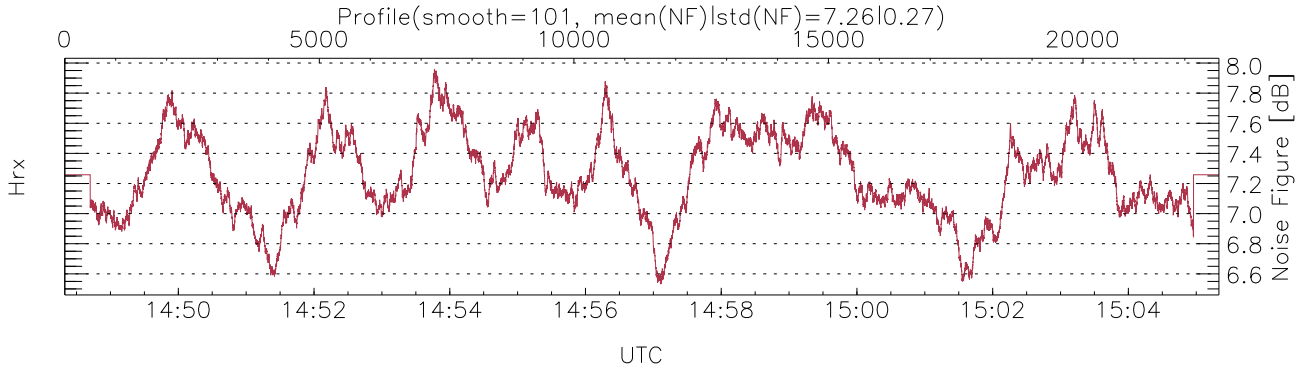


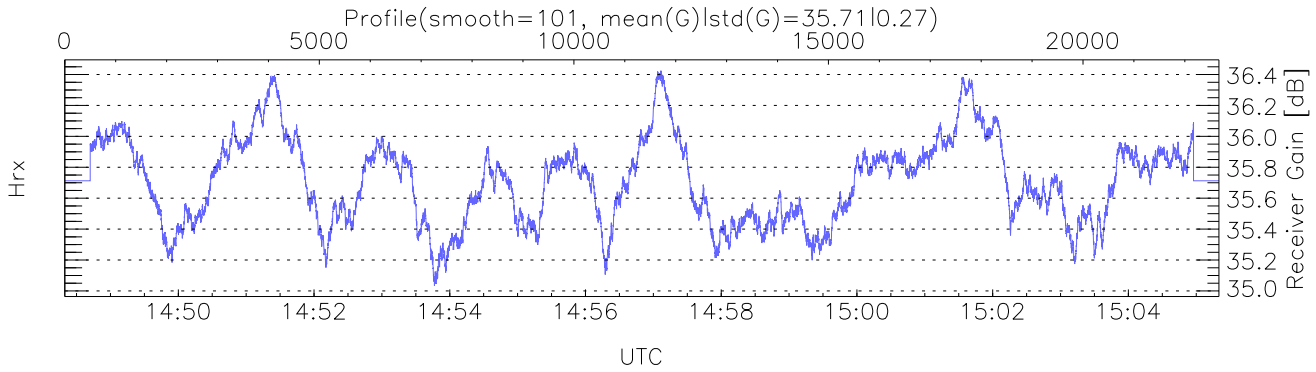
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,23,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,25,25,26
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



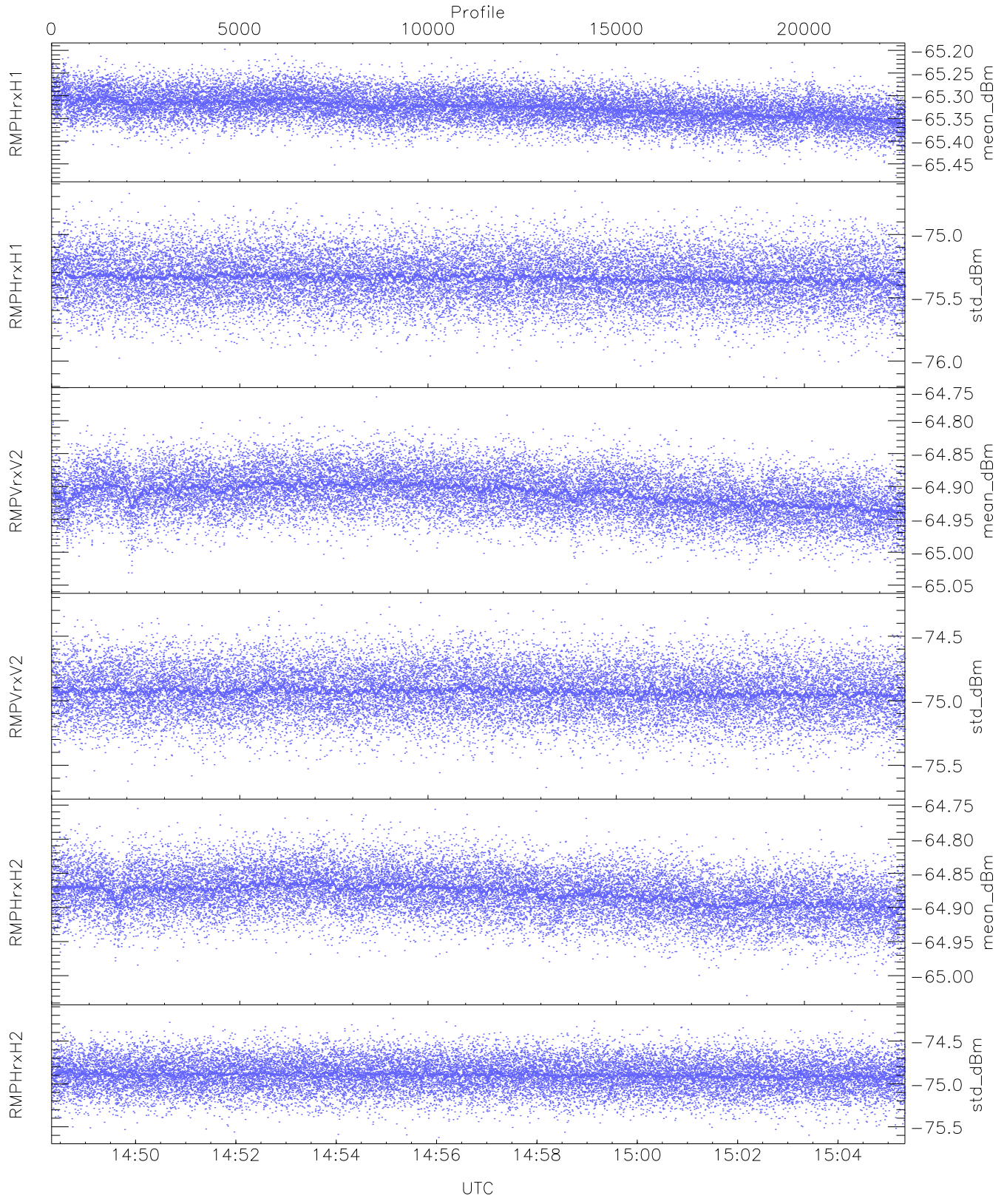






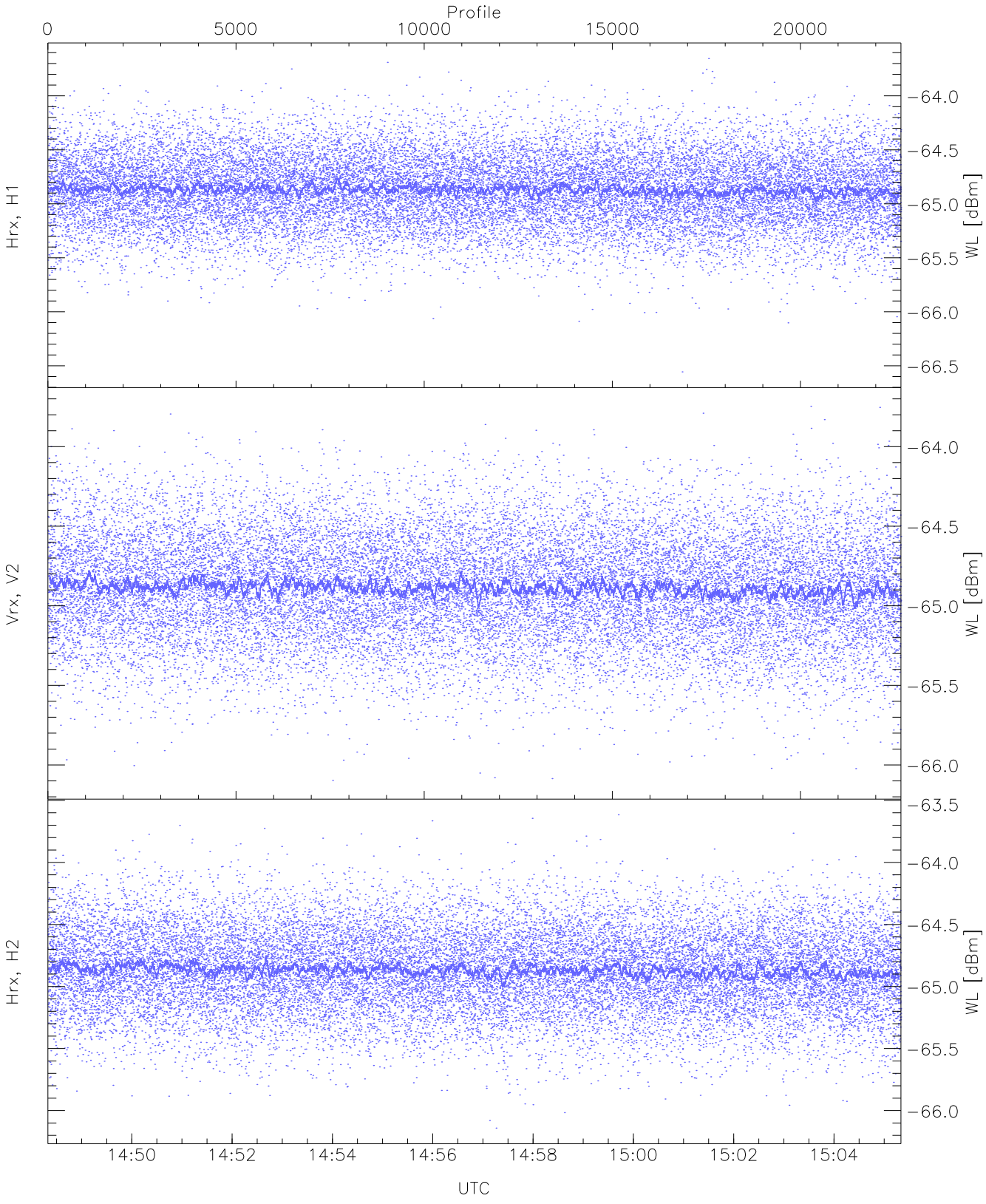
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 1 gates, 3 profs, 1 prod(s)



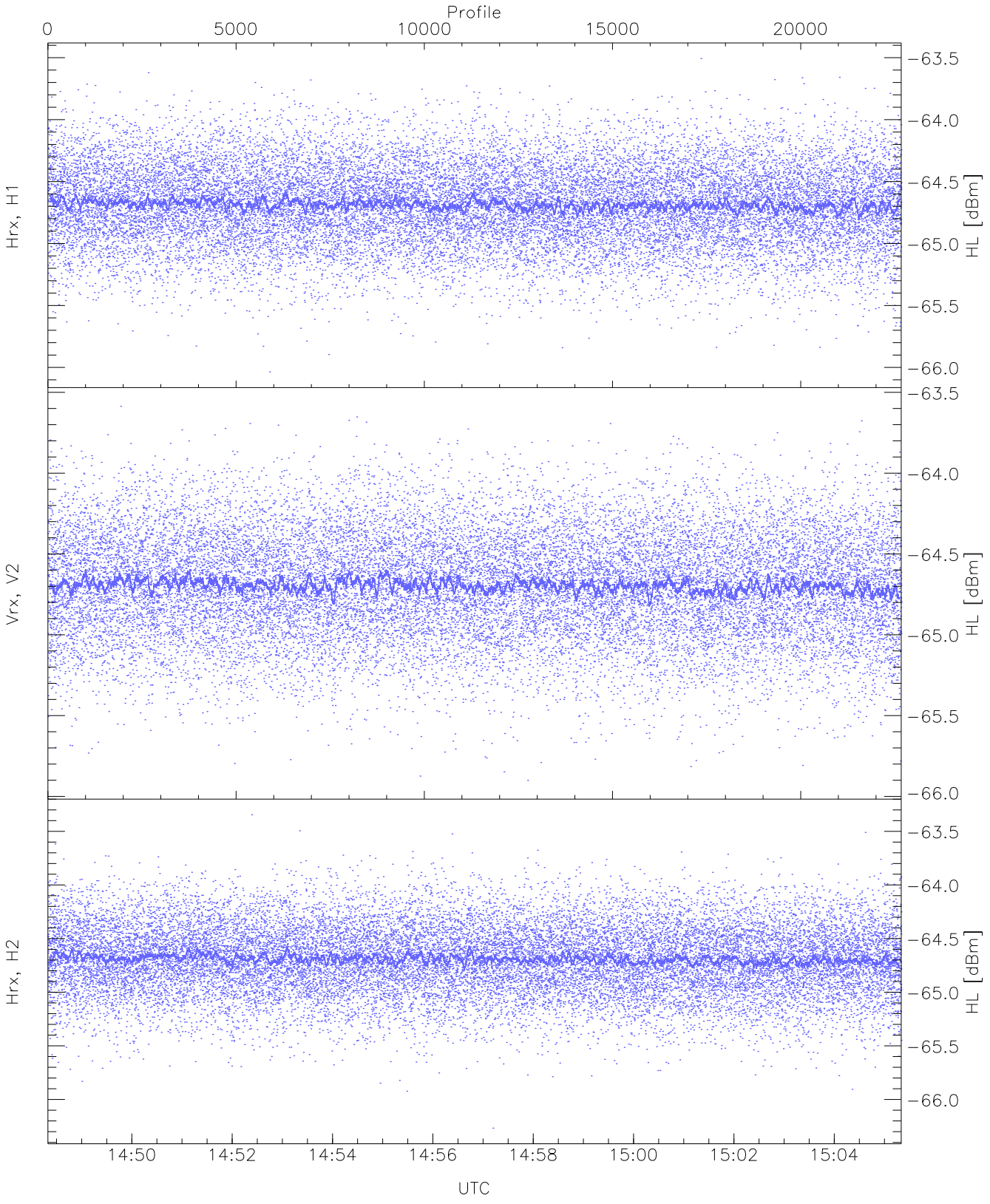
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.20	-65.33	-65.33	-86.54
RMPHrxH1(std_dBm)	-76.14	-74.66	-75.34	-75.34	-89.08
RMPVrxV2(mean_dBm)	-65.05	-64.76	-64.91	-64.91	-86.11
RMPVrxV2(std_dBm)	-75.69	-74.24	-74.93	-74.93	-88.75
RMPHrxH2(mean_dBm)	-65.03	-64.75	-64.88	-64.88	-86.20
RMPHrxH2(std_dBm)	-75.62	-74.15	-74.89	-74.90	-88.65



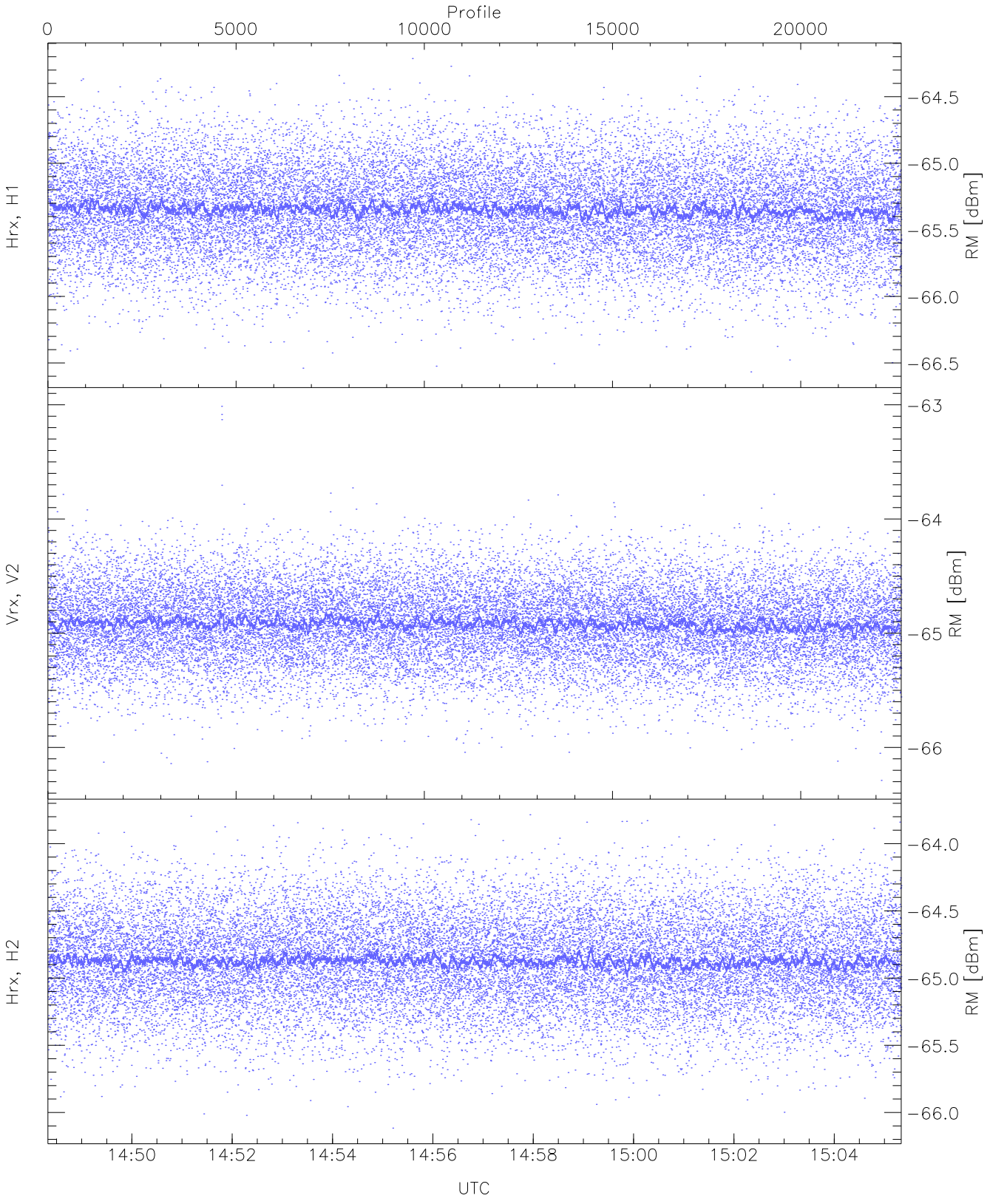
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.56	-63.65	-64.86	-64.87	-76.35
Vrx, V2(WL [dBm])	-66.10	-63.75	-64.88	-64.89	-76.37
Hrx, H2(WL [dBm])	-66.14	-63.62	-64.86	-64.87	-76.33



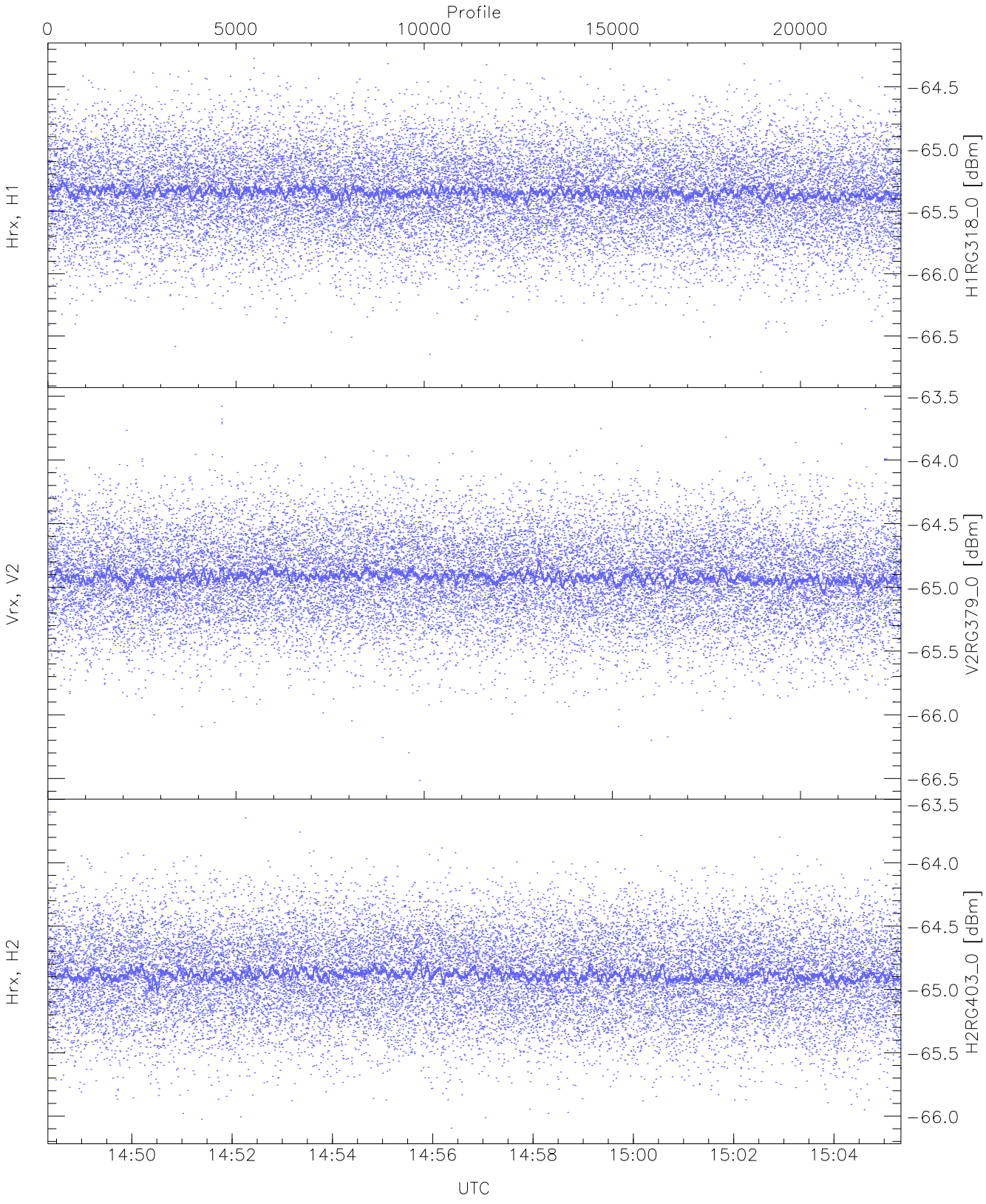
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.04	-63.51	-64.68	-64.69	-76.19
Vrx, V2(HL [dBm])	-65.90	-63.59	-64.69	-64.69	-76.18
Hrx, H2(HL [dBm])	-66.27	-63.35	-64.68	-64.69	-76.17



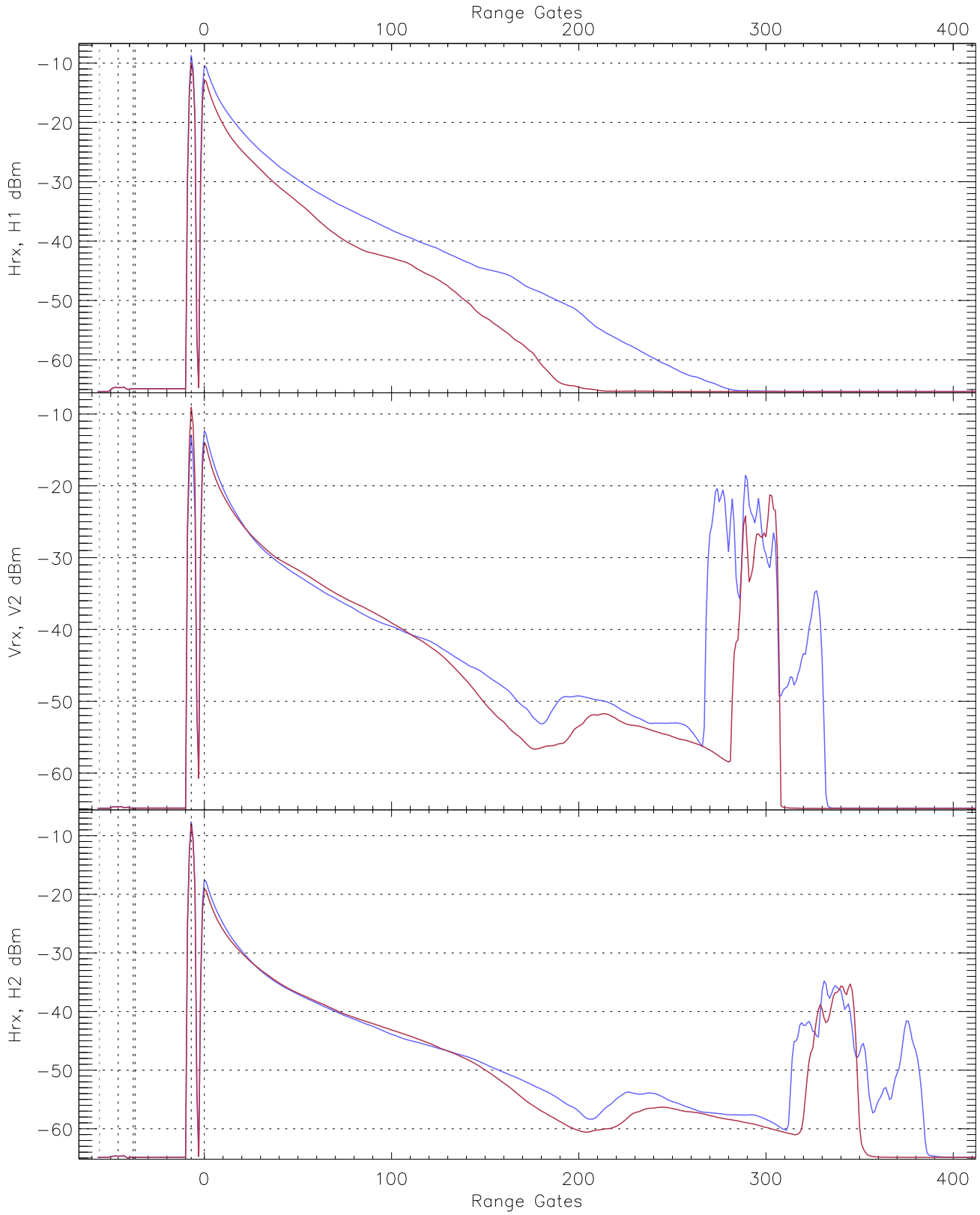
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.57	-64.21	-65.34	-65.35	-76.86
Vrx, V2(RM [dBm])	-66.29	-63.01	-64.91	-64.92	-76.35
Hrx, H2(RM [dBm])	-66.12	-63.79	-64.87	-64.88	-76.35

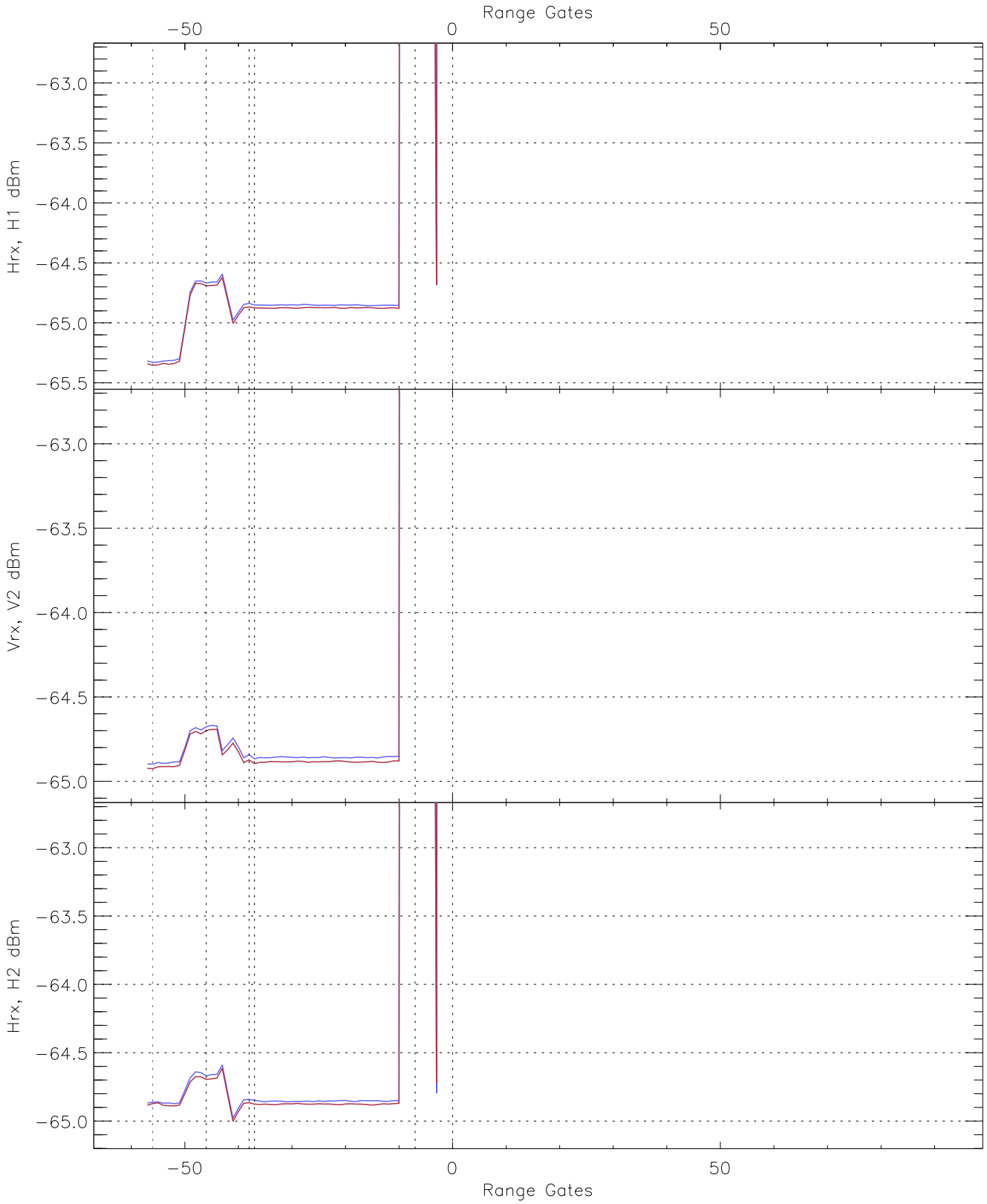


WCR3 CPP "Best" estimate Receivers Noise Power

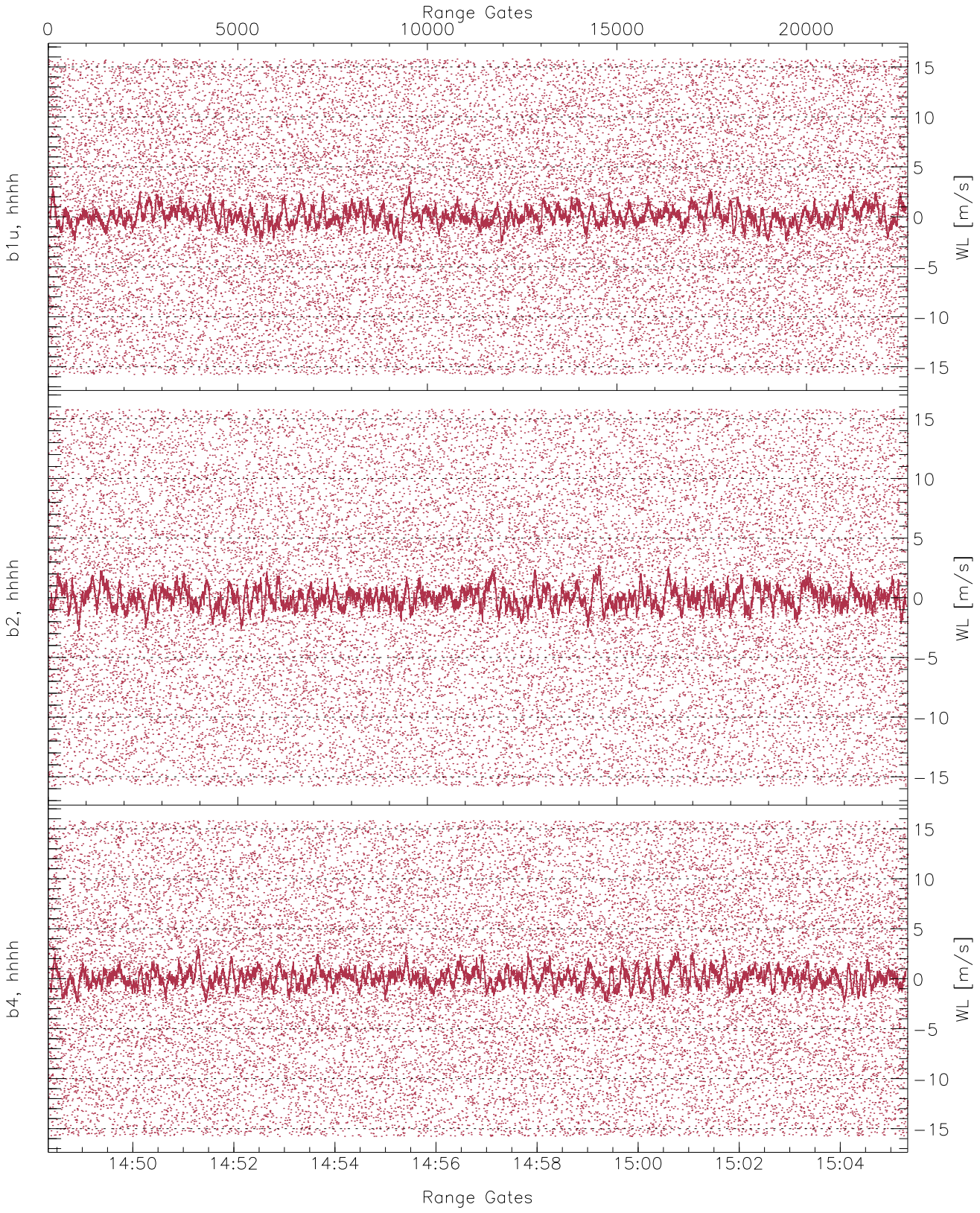
	Min	Max	Mean	Median	StDev
H1RG318_0 [dBm]	-66.79	-64.27	-65.34	-65.35	-76.83
V2RG379_0 [dBm]	-66.51	-63.58	-64.91	-64.92	-76.42
H2RG403_0 [dBm]	-66.09	-63.62	-64.88	-64.89	-76.38



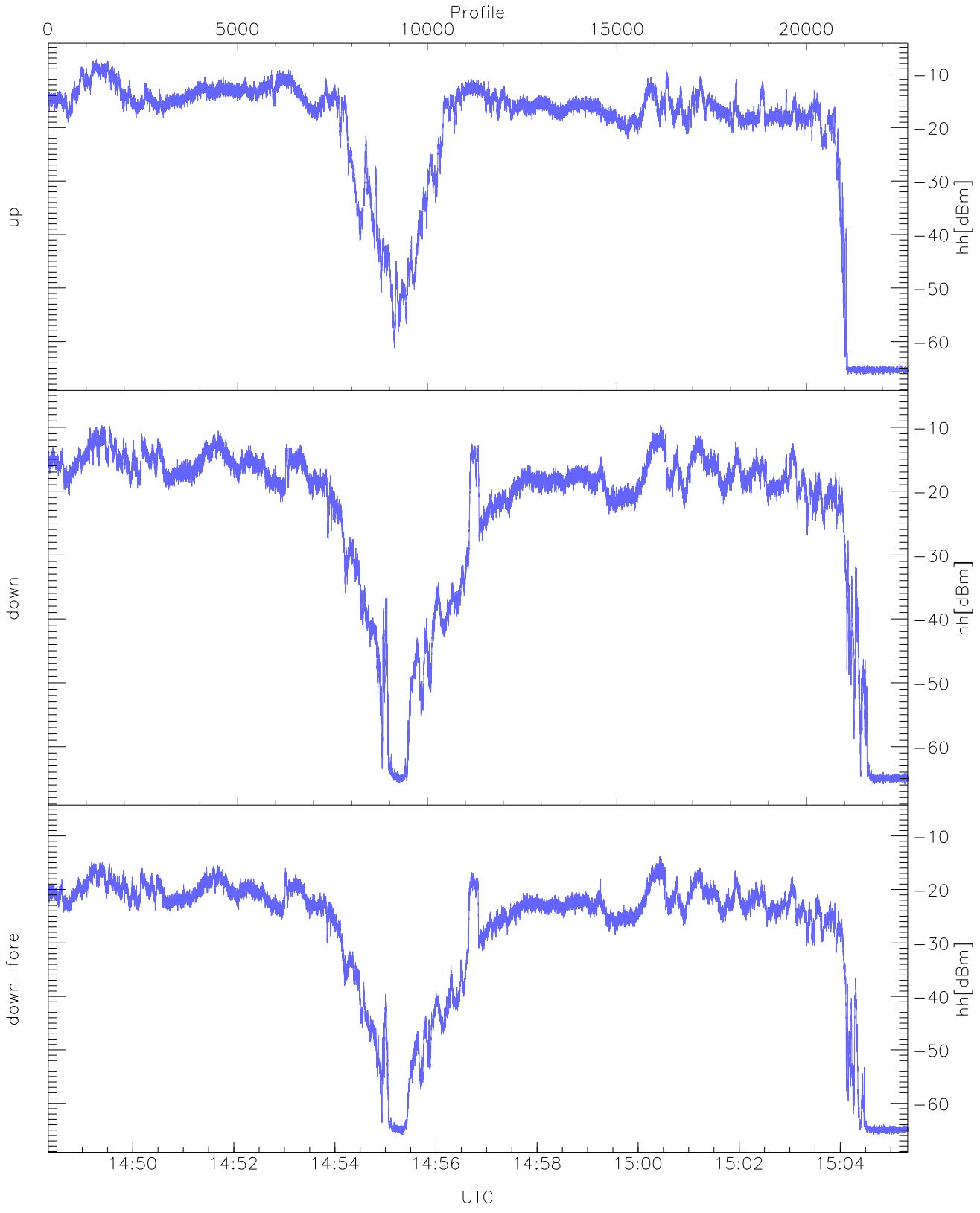
WCR3 CPP Averaged Received power for all recorded gates
blue: 144820-145650, 11337 profiles averaged
red: 145650-150520, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 144820-145650, 11337 profiles averaged
red: 145650-150520, 11336 profiles averaged

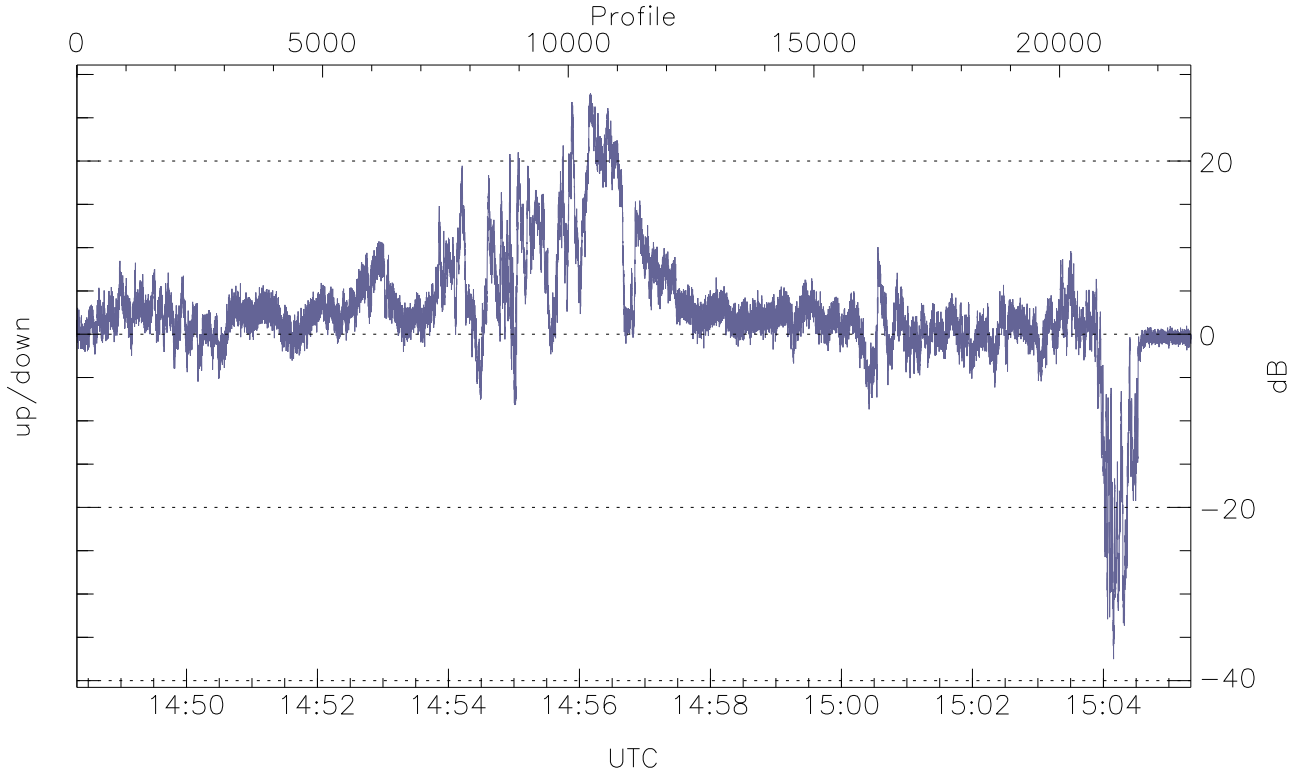


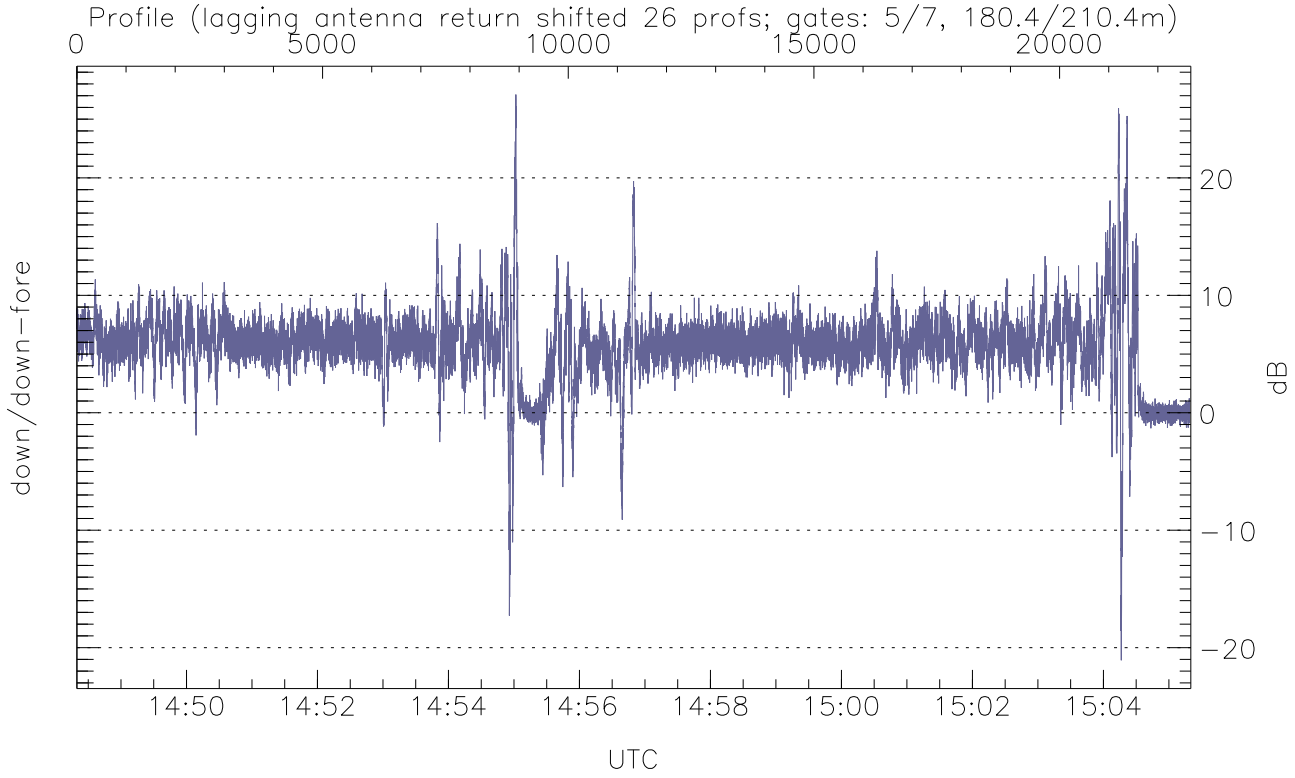
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

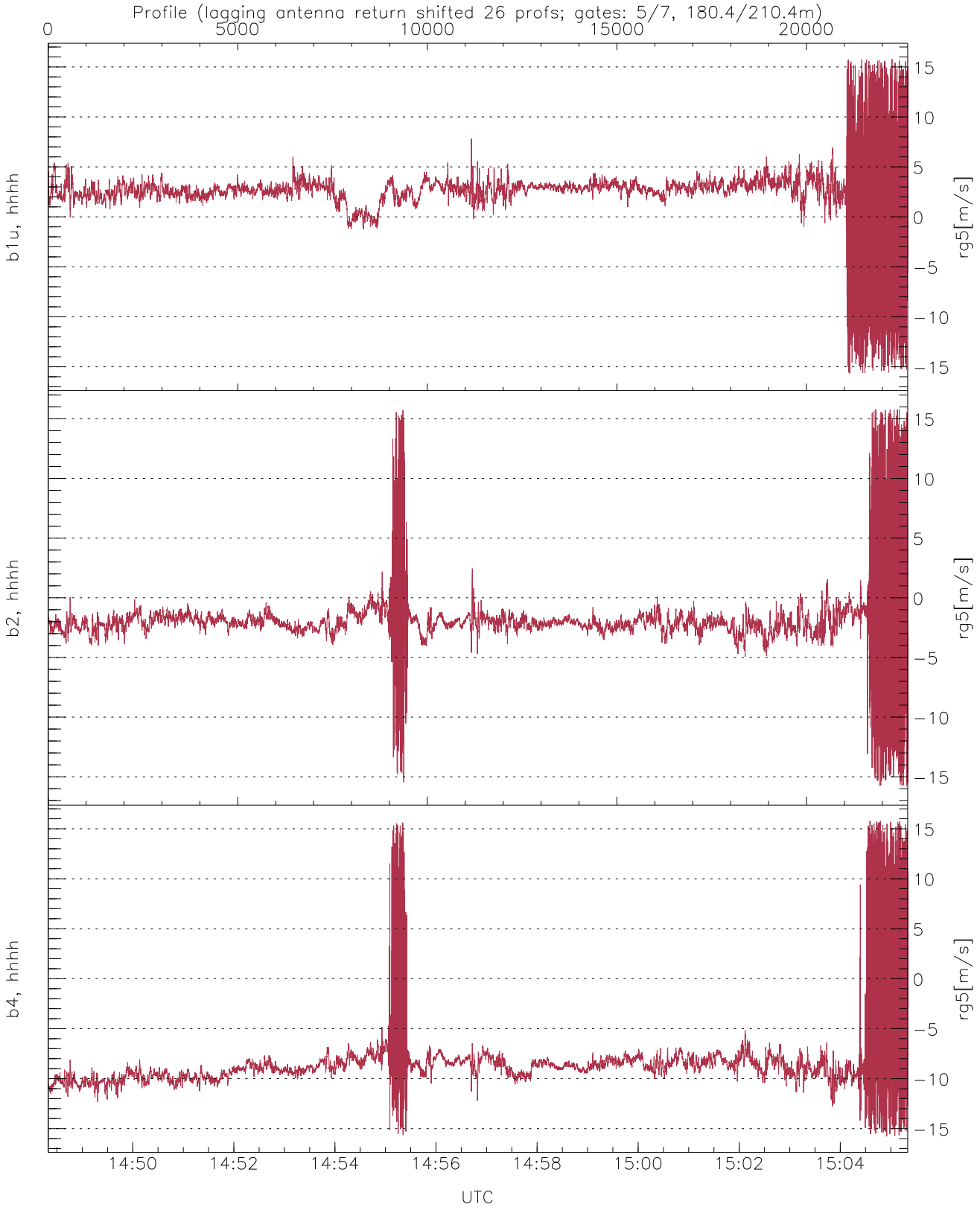
	Min	Max	Mean
up(hh[dBm])	-66.20	-7.18	-15.37
down(hh[dBm])	-65.94	-9.70	-17.50
down-fore(hh[dBm])	-65.90	-13.83	-22.25





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

	Min	Max	Mean
up/down(dB)	-37.51	27.82	2.62
down/down-fore(dB)	-21.08	27.10	5.66



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.67	15.78	2.50	2.43
b2, hhhh(rg5[m/s])	-15.76	15.79	-1.91	2.20
b4, hhhh(rg5[m/s])	-15.78	15.79	-8.38	3.11