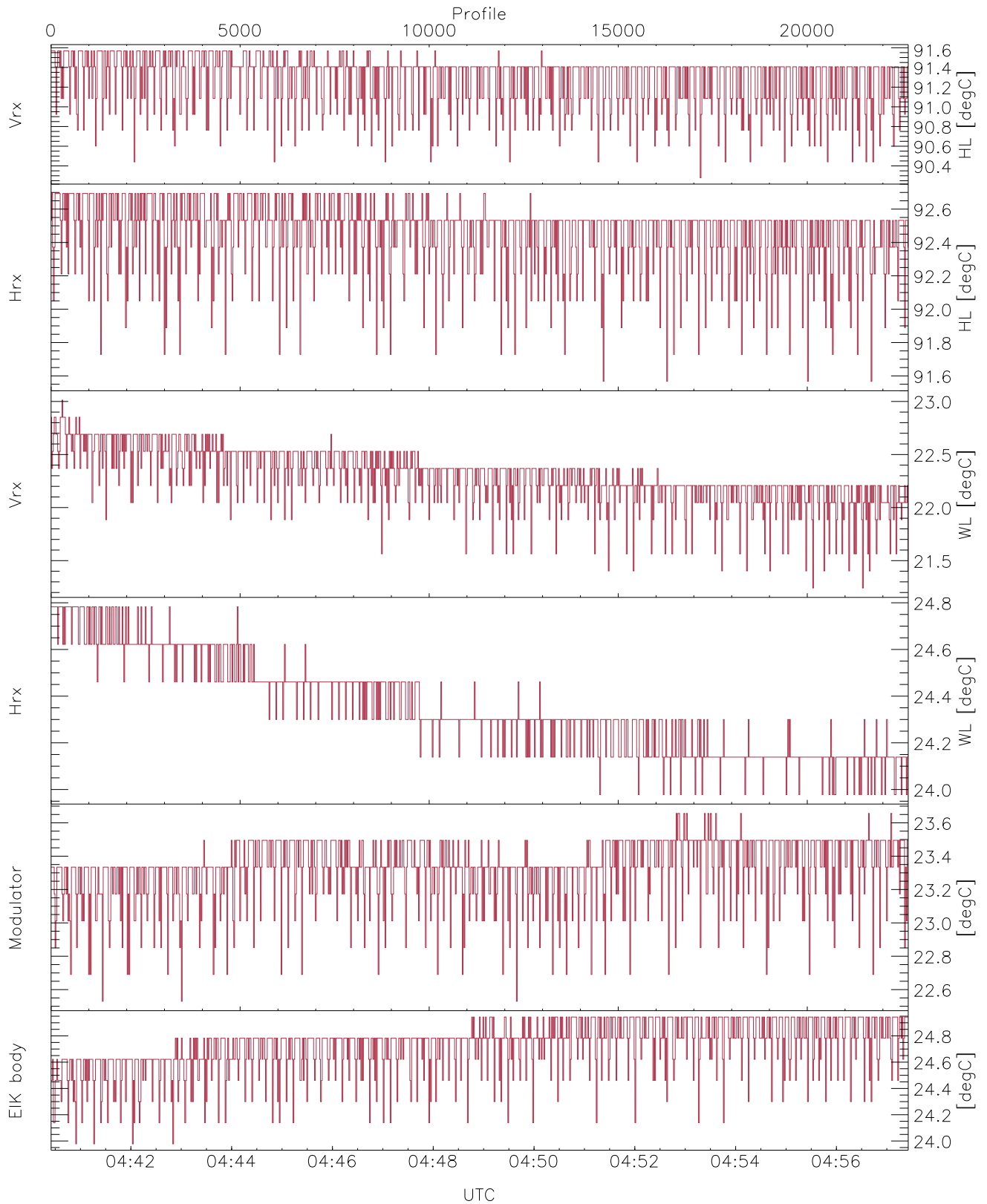


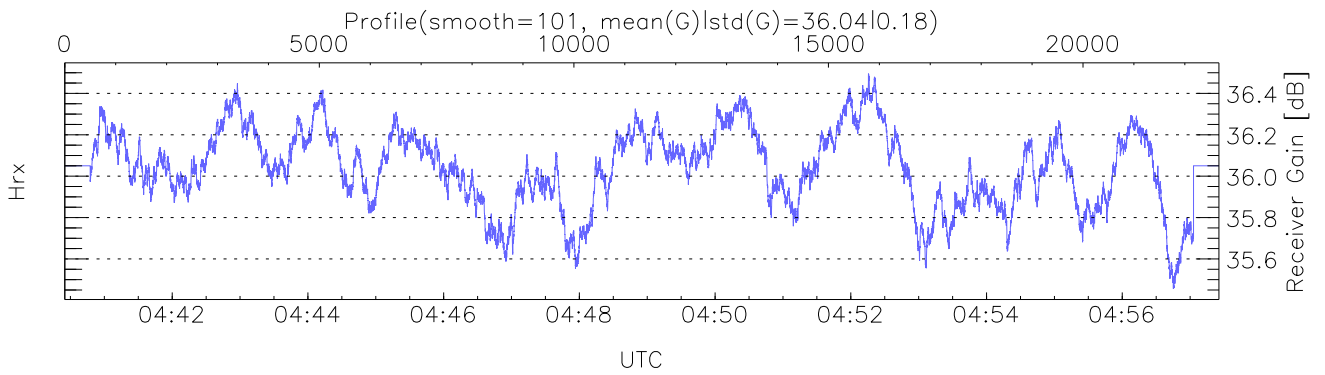
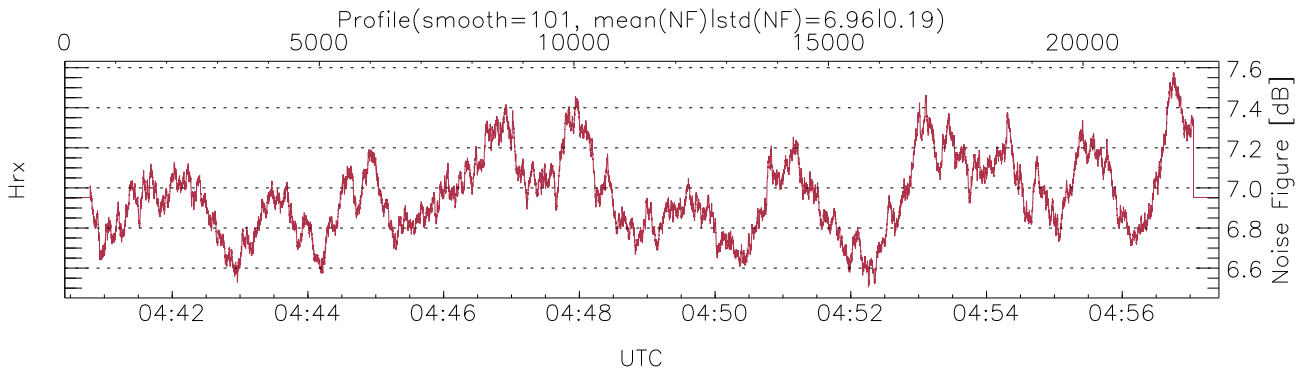
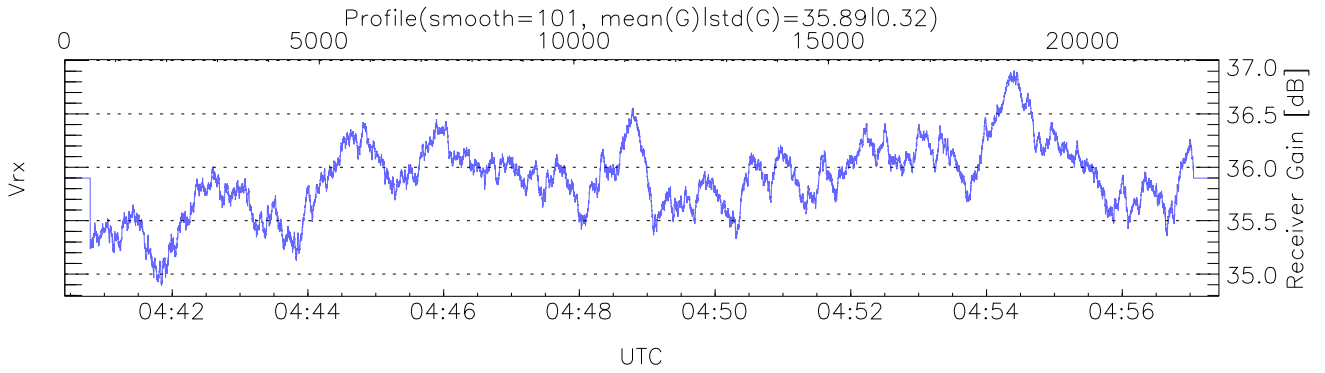
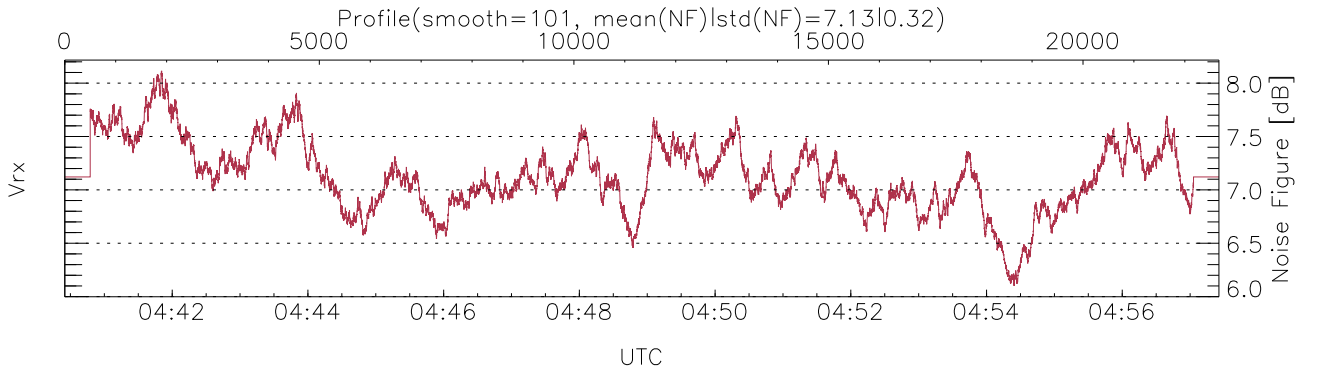
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:40:25-04:57:25, 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, 0-22671/04:40:25-04:57:25
 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



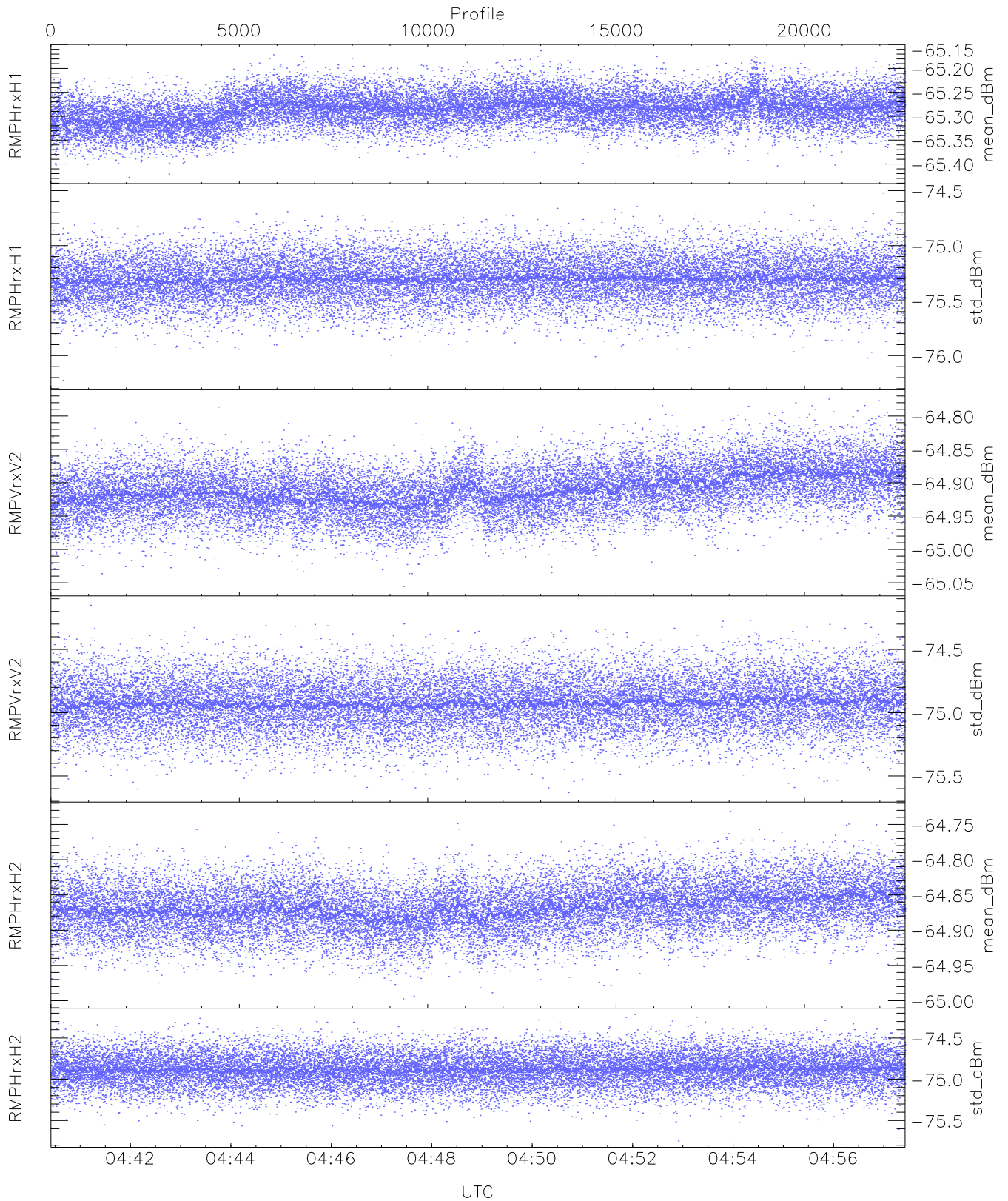
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,22,23`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,24,23,24`
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,46,46,22,22)`



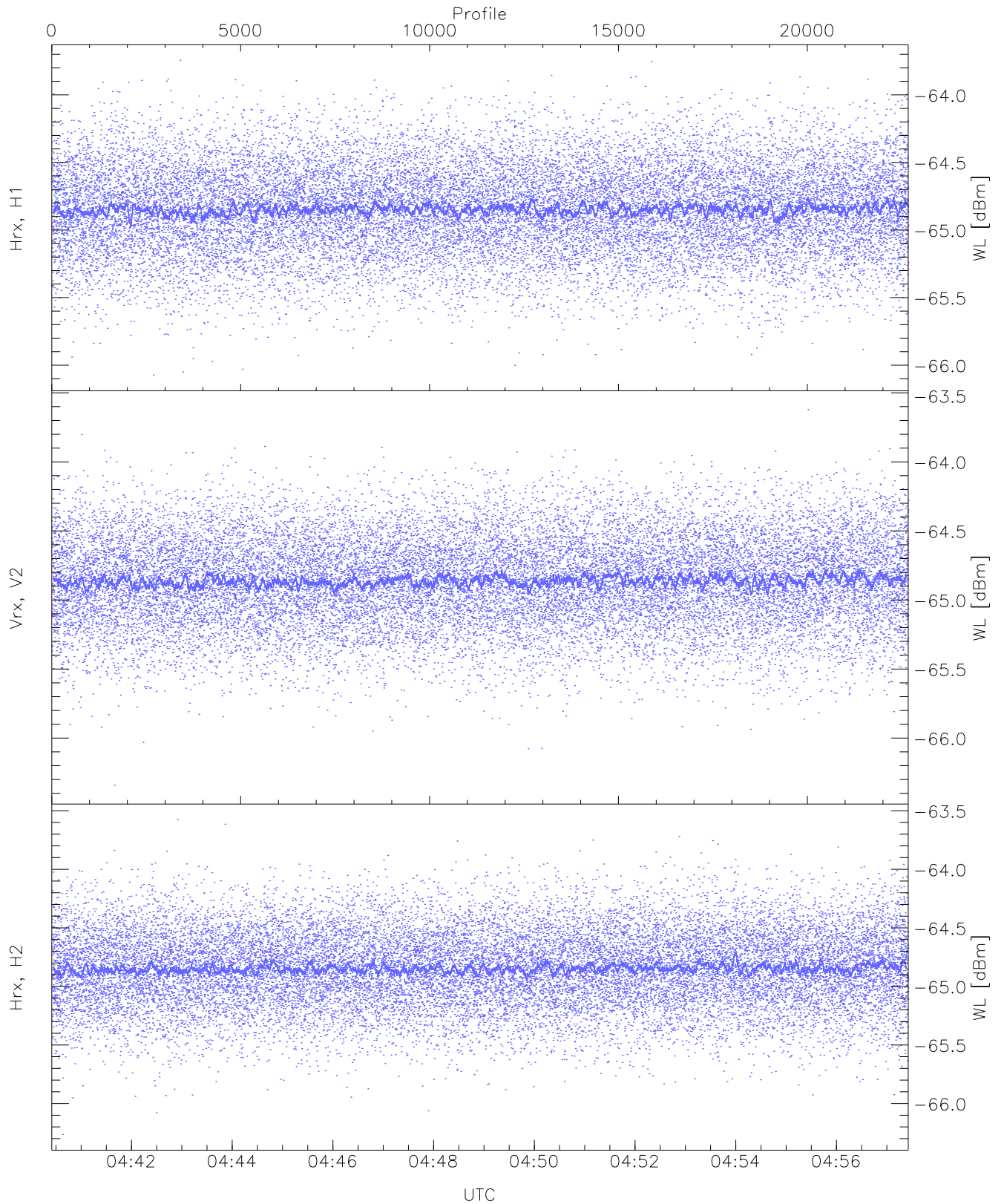
WCR3 CPP Receivers Gain and Noise Figure

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



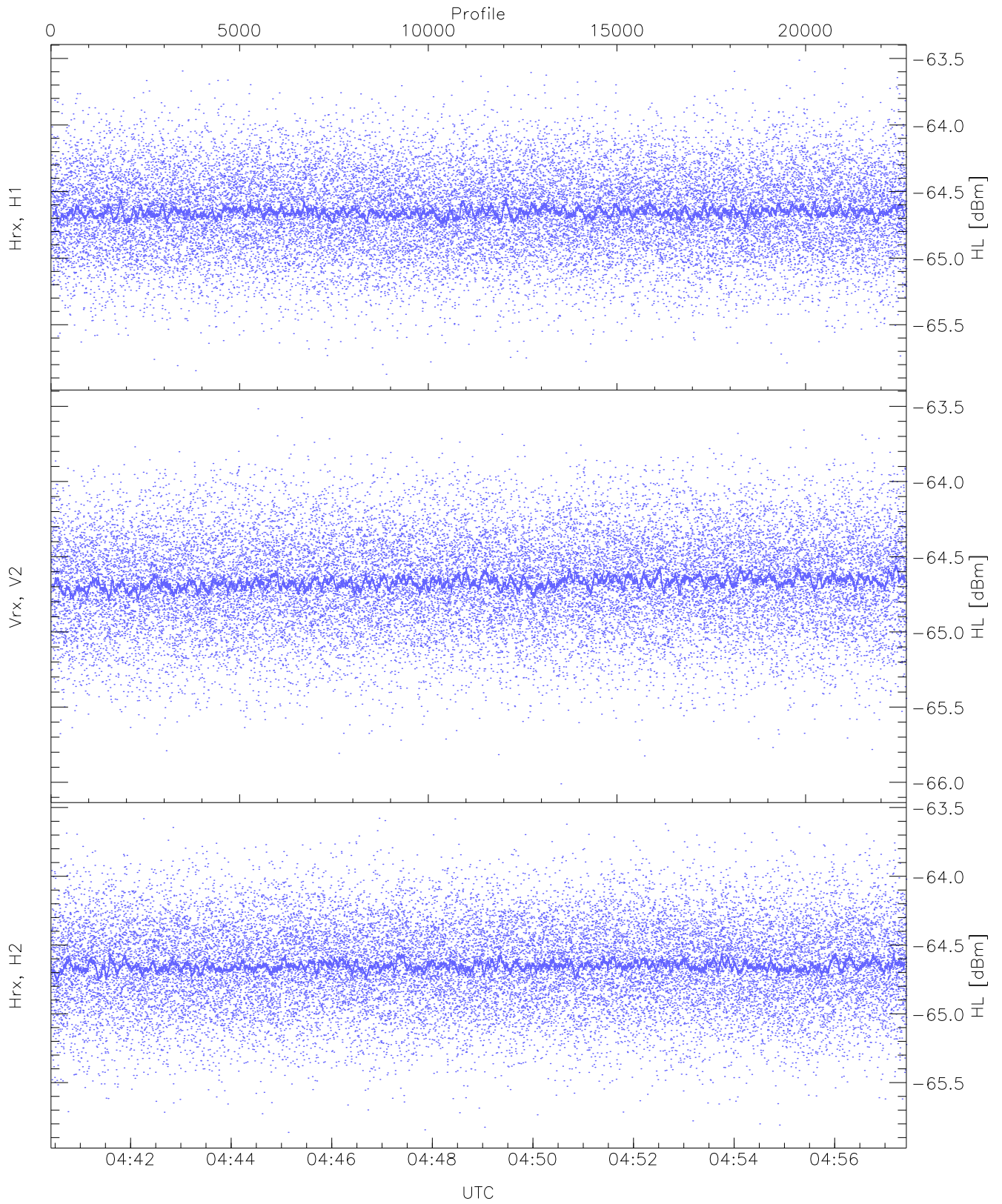
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.16	-65.29	-65.29	-86.46
RMPHrxH1(std_dBm)	-76.22	-74.52	-75.30	-75.31	-89.10
RMPVrxV2(mean_dBm)	-65.06	-64.77	-64.91	-64.91	-85.97
RMPVrxV2(std_dBm)	-75.63	-74.15	-74.92	-74.93	-88.69
RMPHrxH2(mean_dBm)	-65.00	-64.73	-64.87	-64.87	-86.21
RMPHrxH2(std_dBm)	-75.75	-74.22	-74.88	-74.88	-88.67



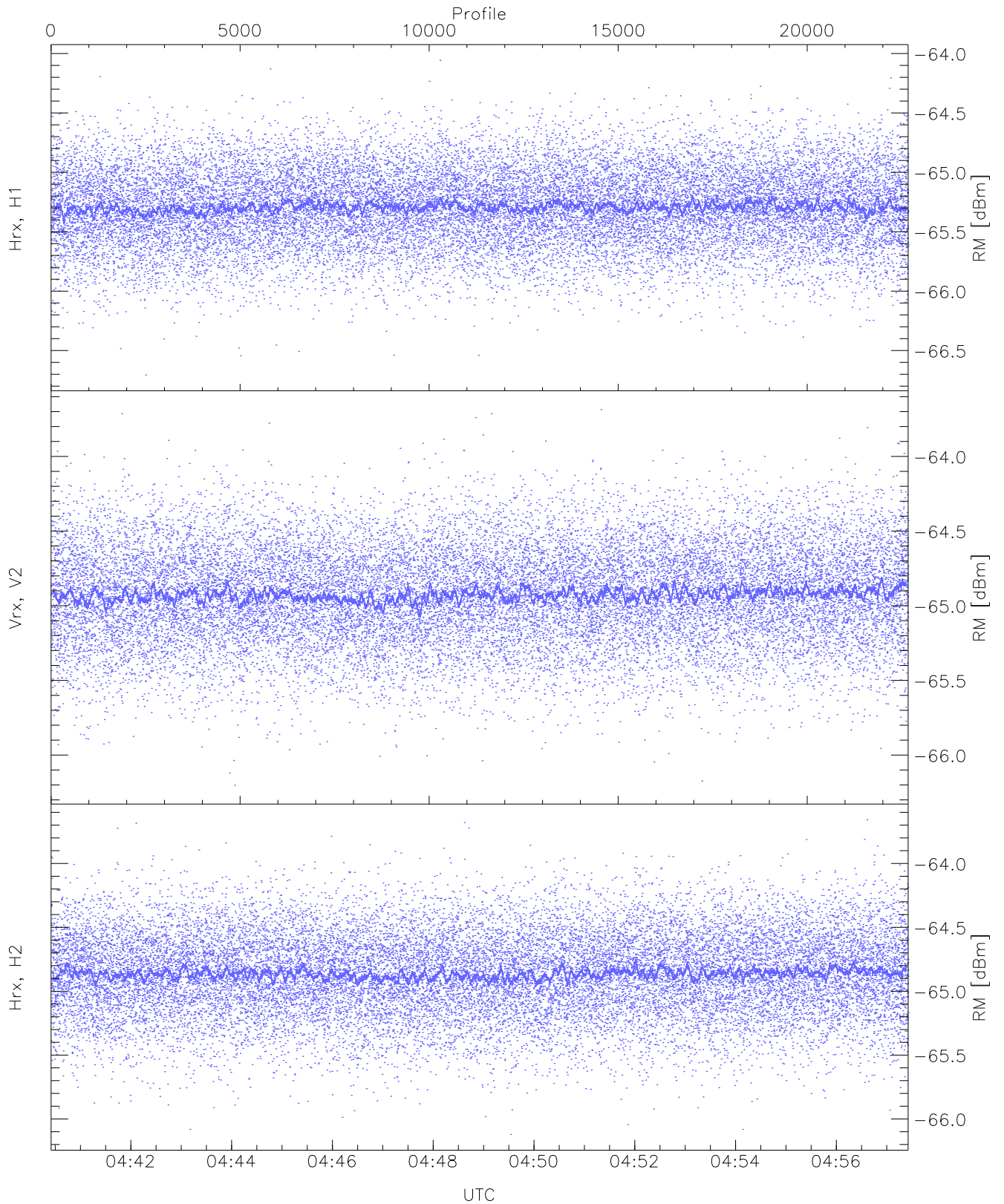
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.07	-63.74	-64.84	-64.85	-76.31
Vrx, V2 (WL [dBm])	-66.34	-63.62	-64.85	-64.86	-76.38
Hrx, H2 (WL [dBm])	-66.26	-63.58	-64.84	-64.85	-76.31



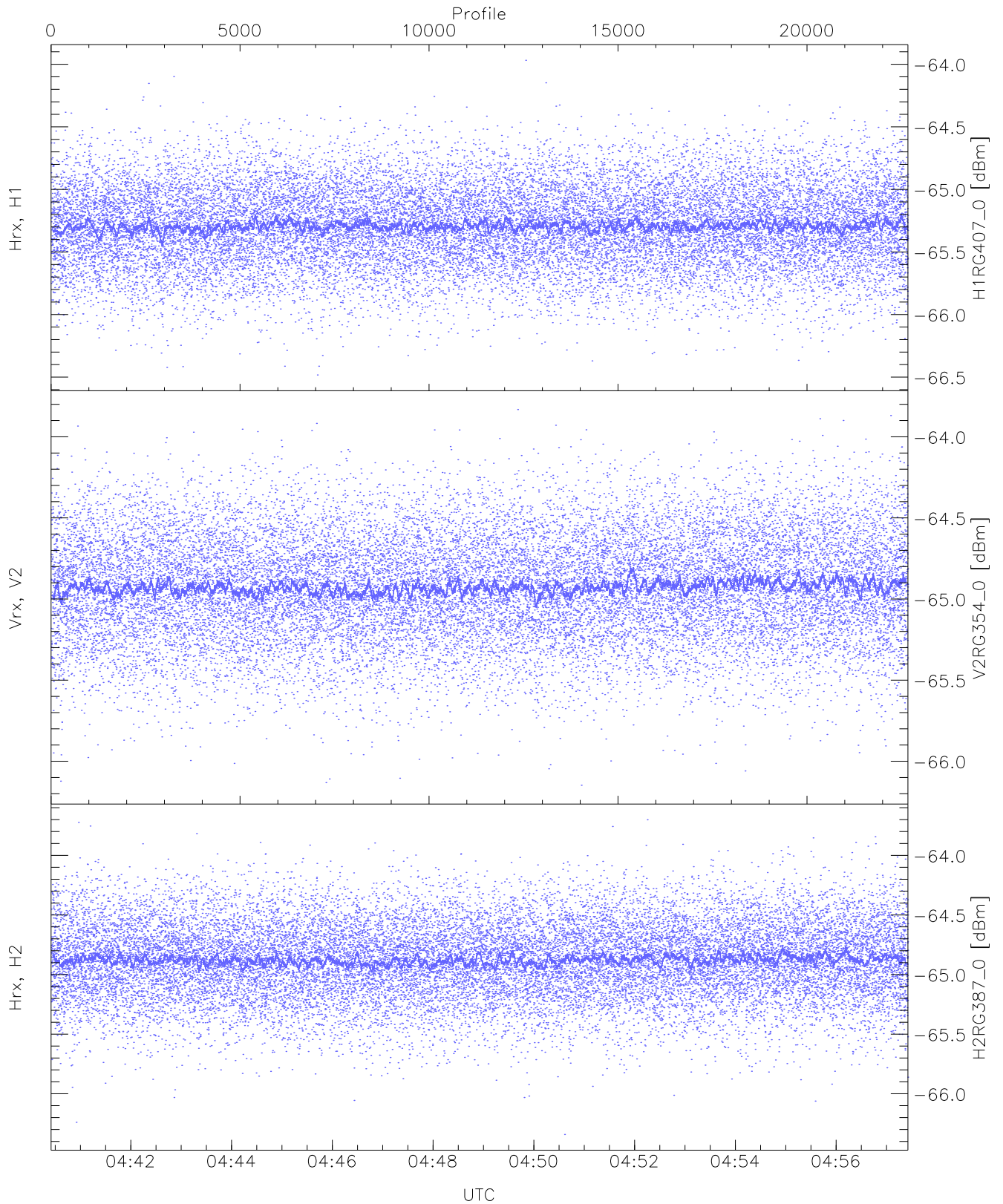
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.87	-63.51	-64.65	-64.65	-76.13
Vrx, V2 (HL [dBm])	-66.01	-63.52	-64.66	-64.67	-76.16
Hrx, H2 (HL [dBm])	-65.86	-63.58	-64.64	-64.65	-76.13



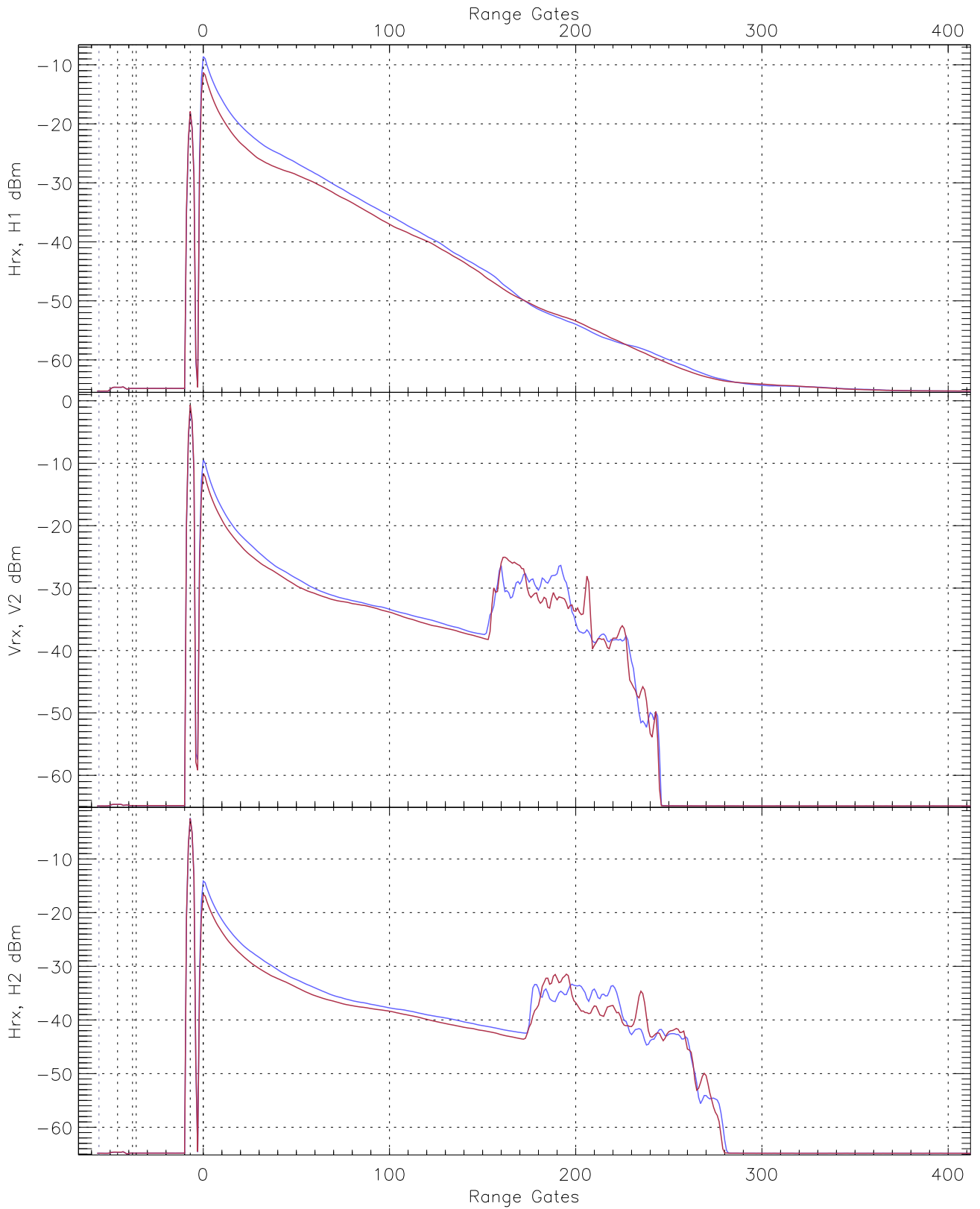
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.71	-64.06	-65.29	-65.29	-76.77
Vrx, V2 (RM [dBm])	-66.20	-63.69	-64.92	-64.93	-76.41
Hrx, H2 (RM [dBm])	-66.12	-63.66	-64.86	-64.86	-76.35

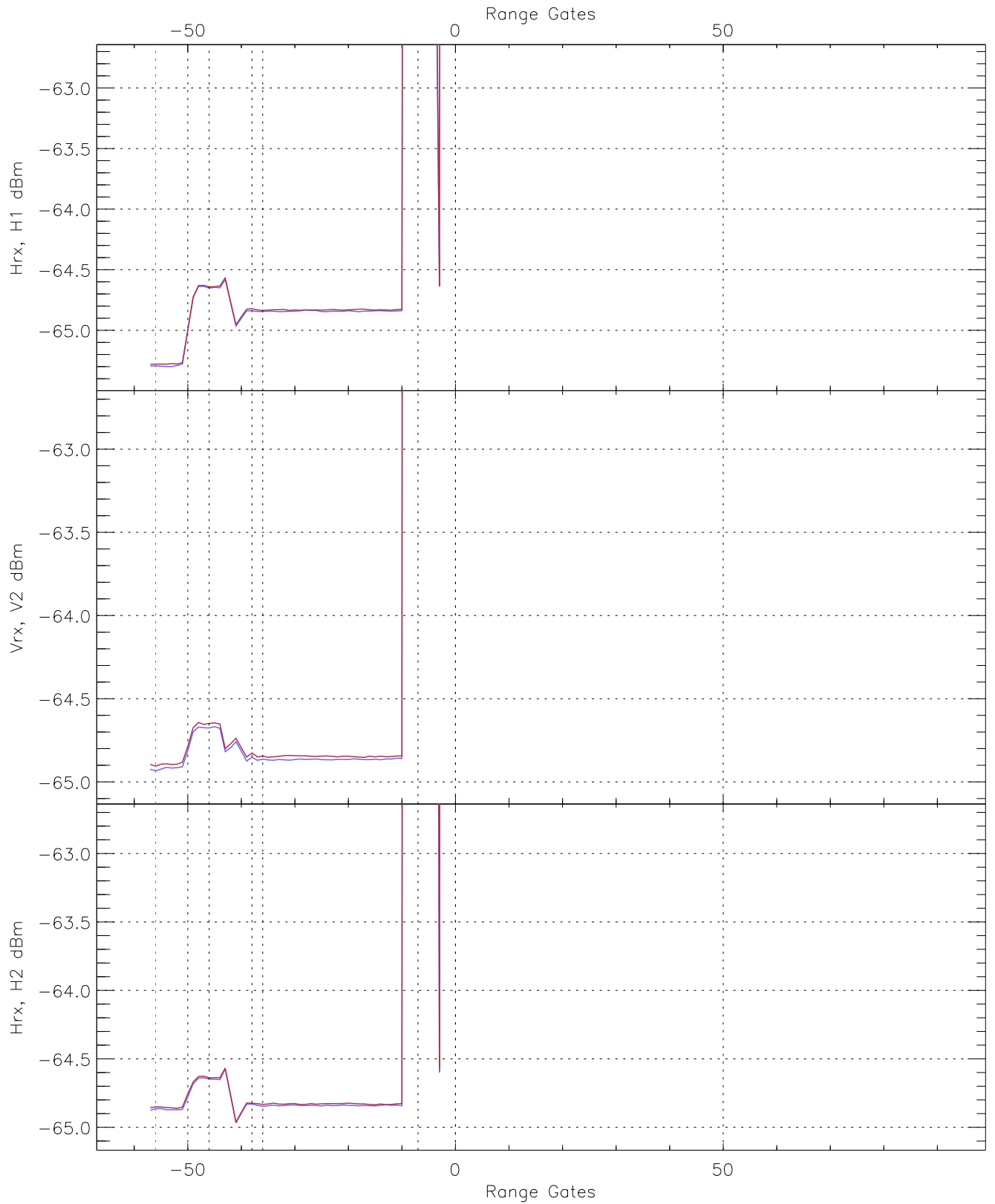


WCR3 CPP "Best" estimate Receivers Noise Power

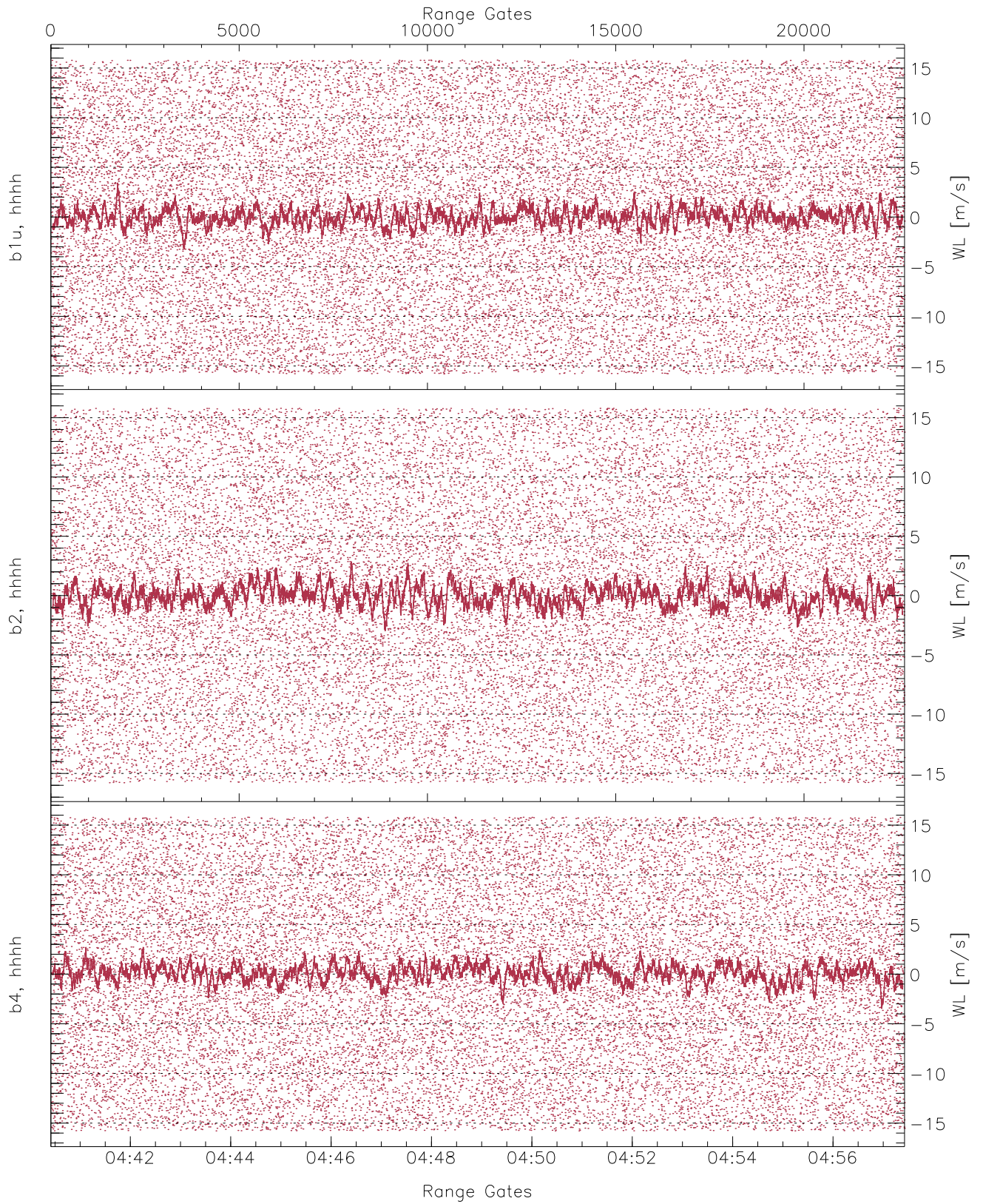
	Min	Max	Mean	Median	StDev
H1RG407_0 [dBm]	-66.48	-63.97	-65.29	-65.29	-76.81
V2RG354_0 [dBm]	-66.15	-63.83	-64.92	-64.93	-76.43
H2RG387_0 [dBm]	-66.34	-63.70	-64.87	-64.88	-76.41



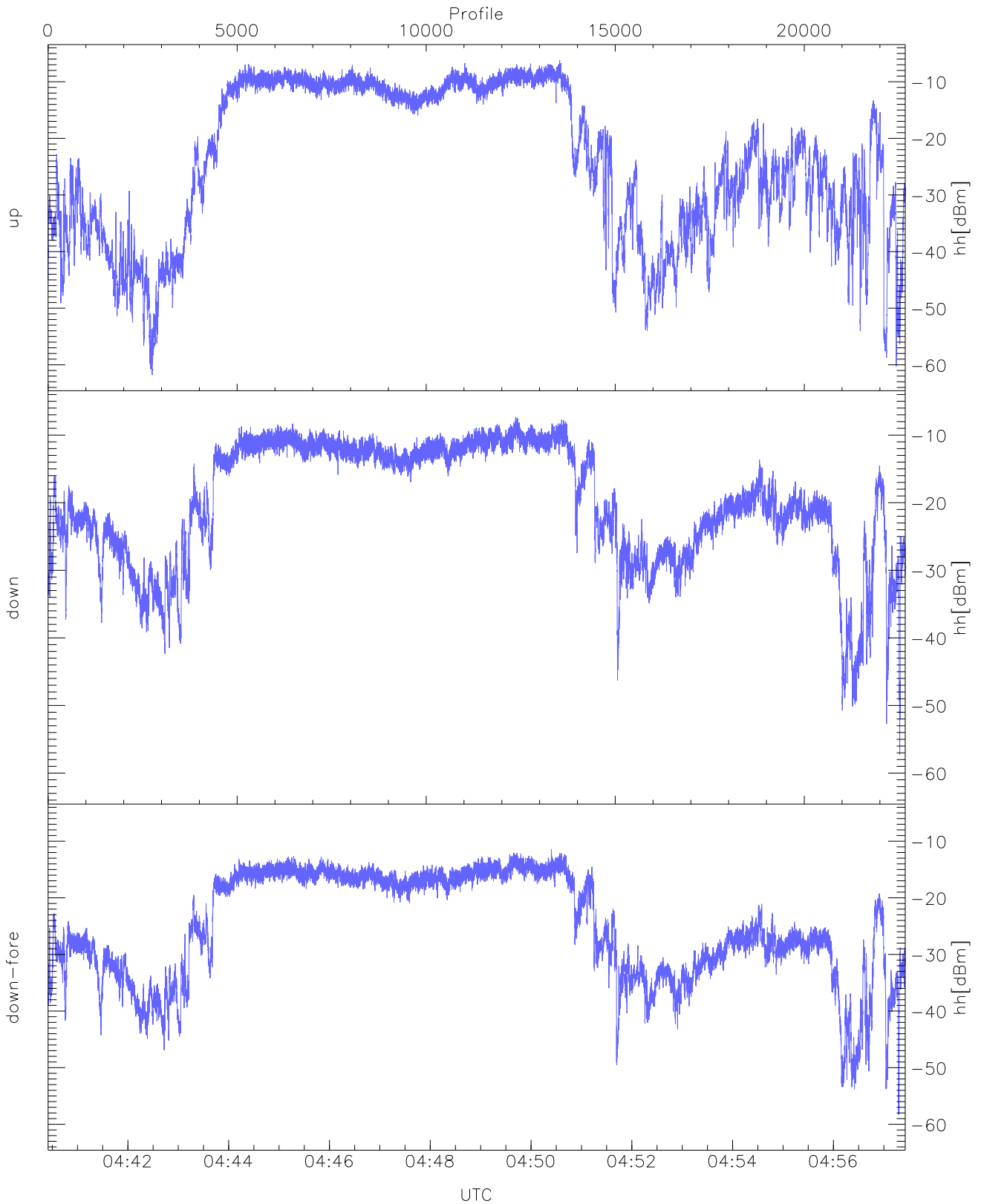
WCR3 CPP Averaged Received power for all recorded gates
blue: 044025-044855, 11337 profiles averaged
red: 044855-045725, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 044025-044855, 11337 profiles averaged
red: 044855-045725, 11336 profiles averaged

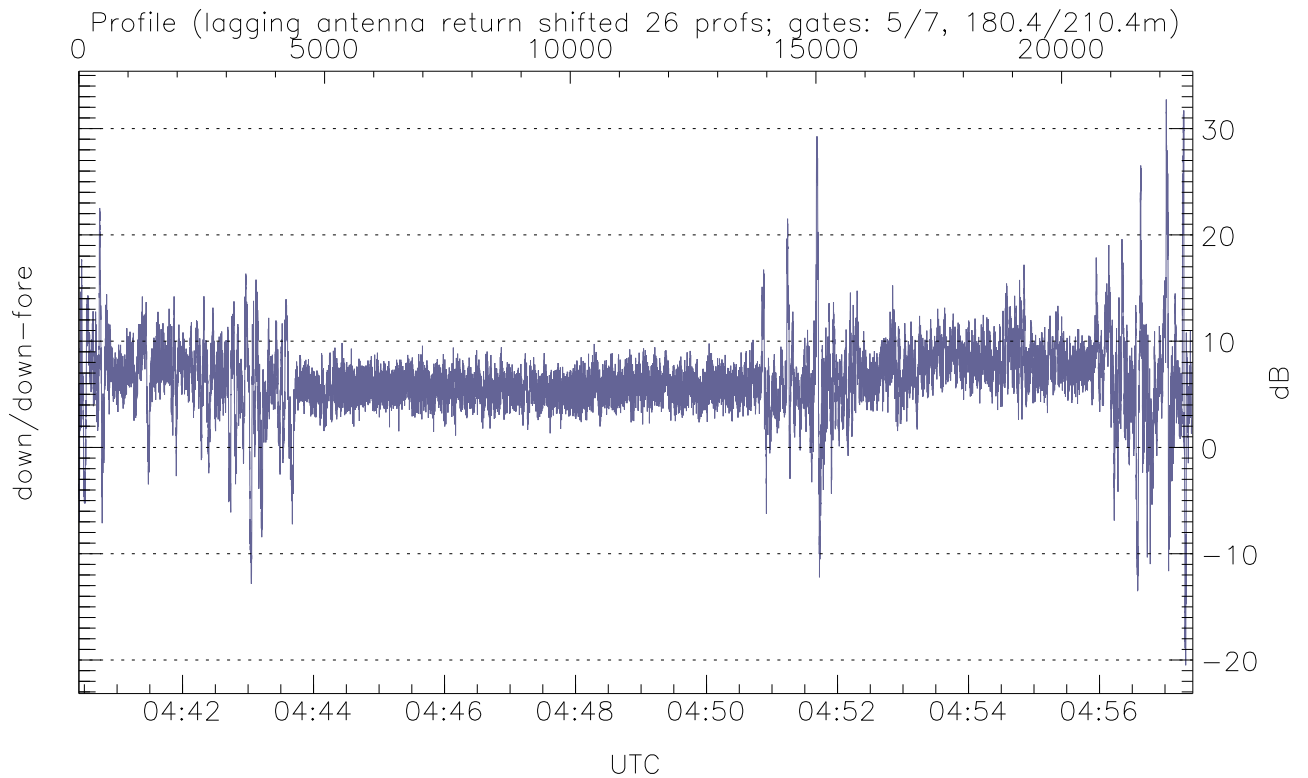
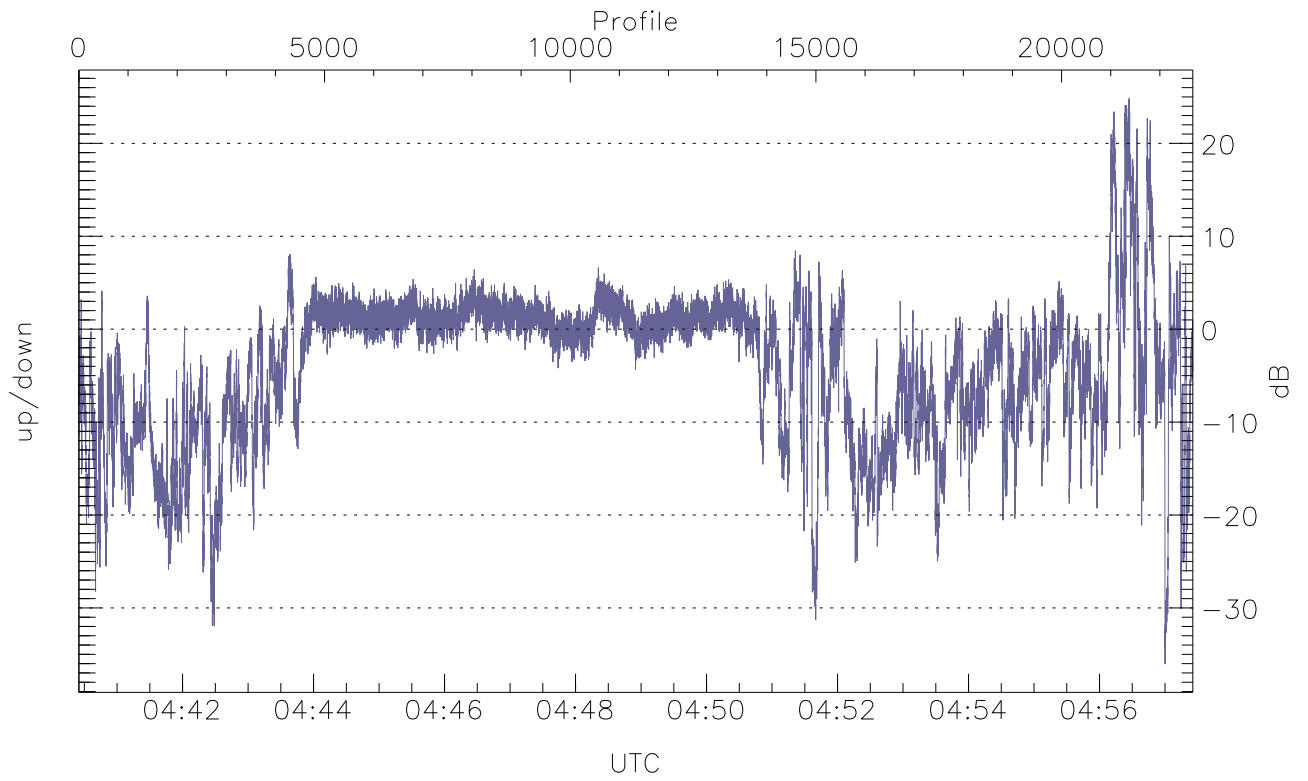


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



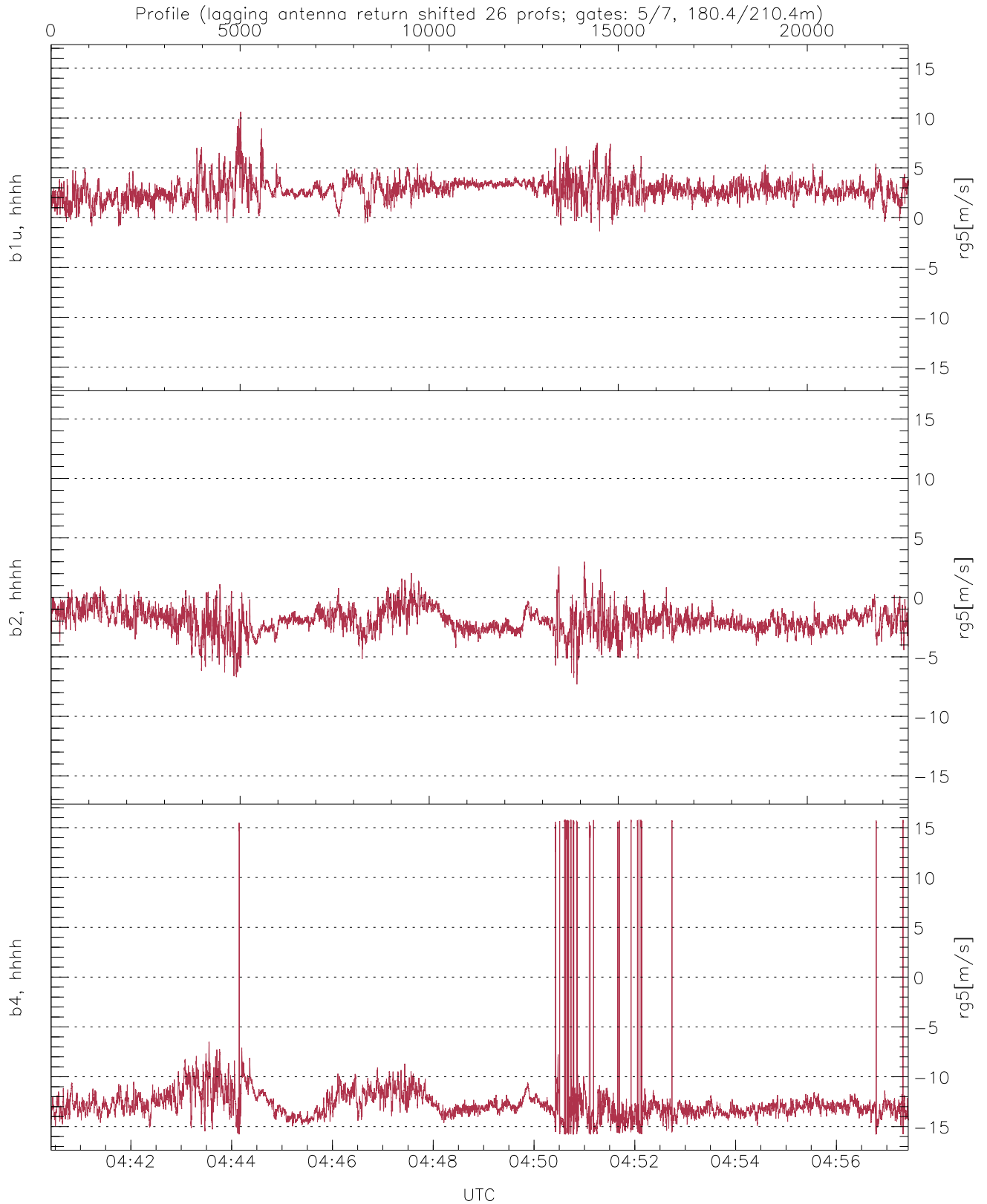
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-61.80	-6.21	-13.91
down(hh[dBm])	-57.30	-7.38	-14.79
down-fore(hh[dBm])	-58.30	-11.46	-19.14



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

	Min	Max	Mean
up/down (dB)	-36.05	24.85	-3.98
down/down-fore (dB)	-20.49	32.74	6.35



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.35	10.62	2.80	1.08
b2, hhhh(rg5[m/s])	-7.31	3.00	-1.96	1.04
b4, hhhh(rg5[m/s])	-15.79	15.79	-12.56	2.83