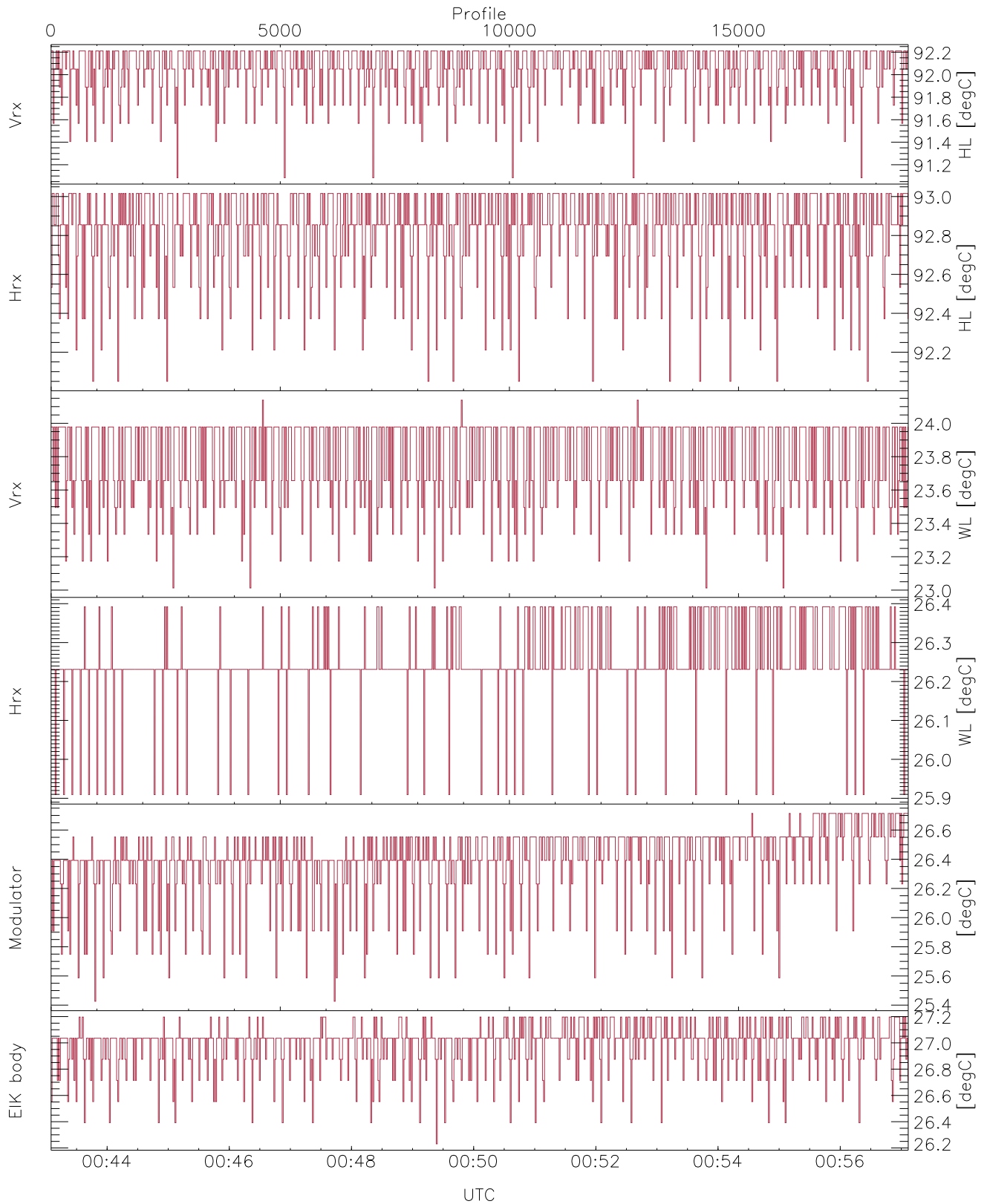


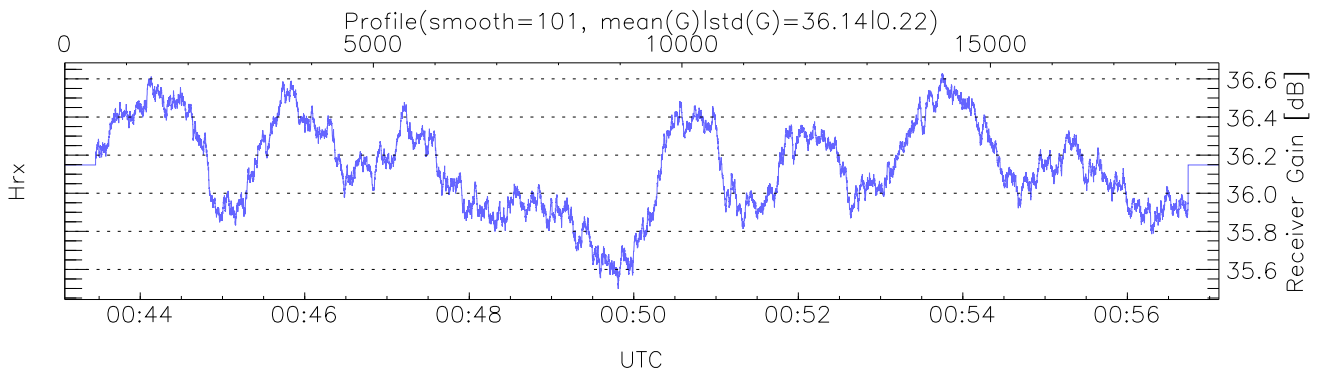
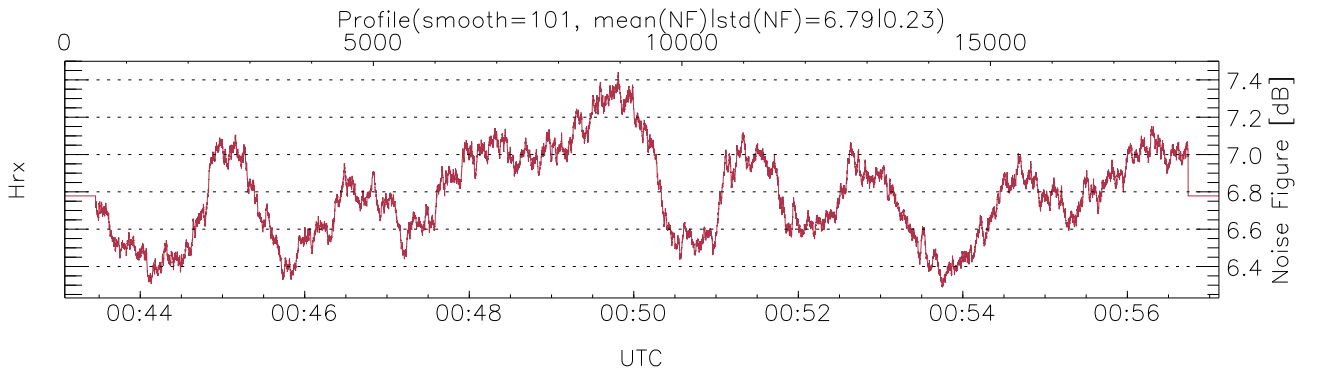
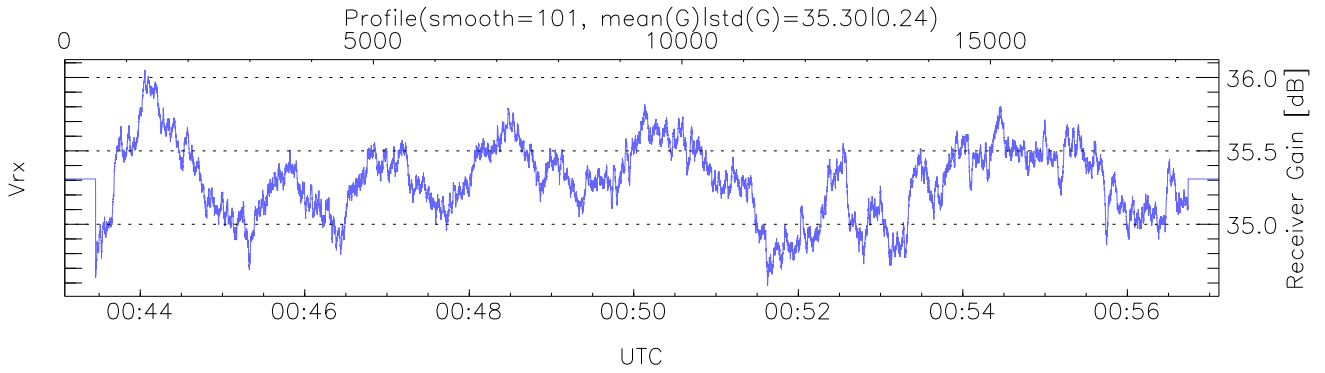
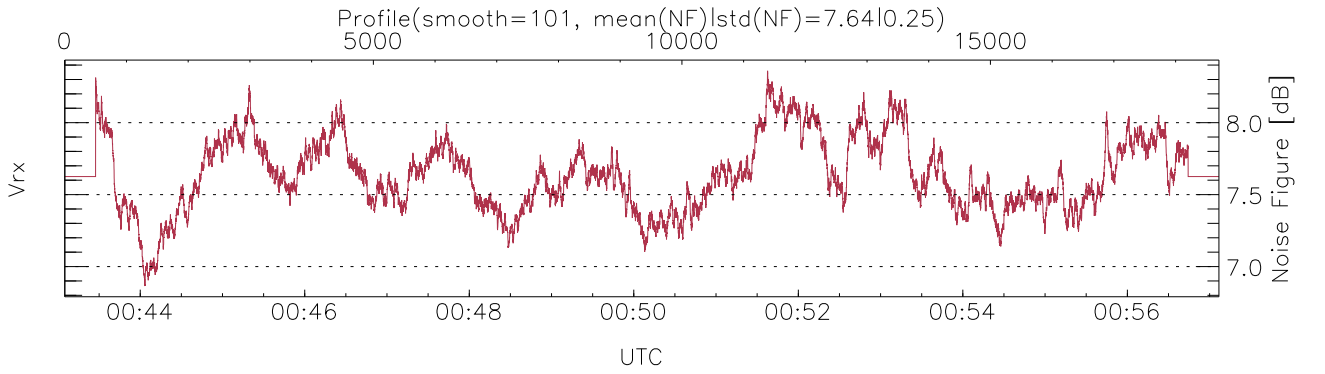
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:43:05-00:57:07, TimeCor: 0.00s, Dur: 841.85s
 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): 18704/18704, 0-18703/00:43:05-00:57:07
 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



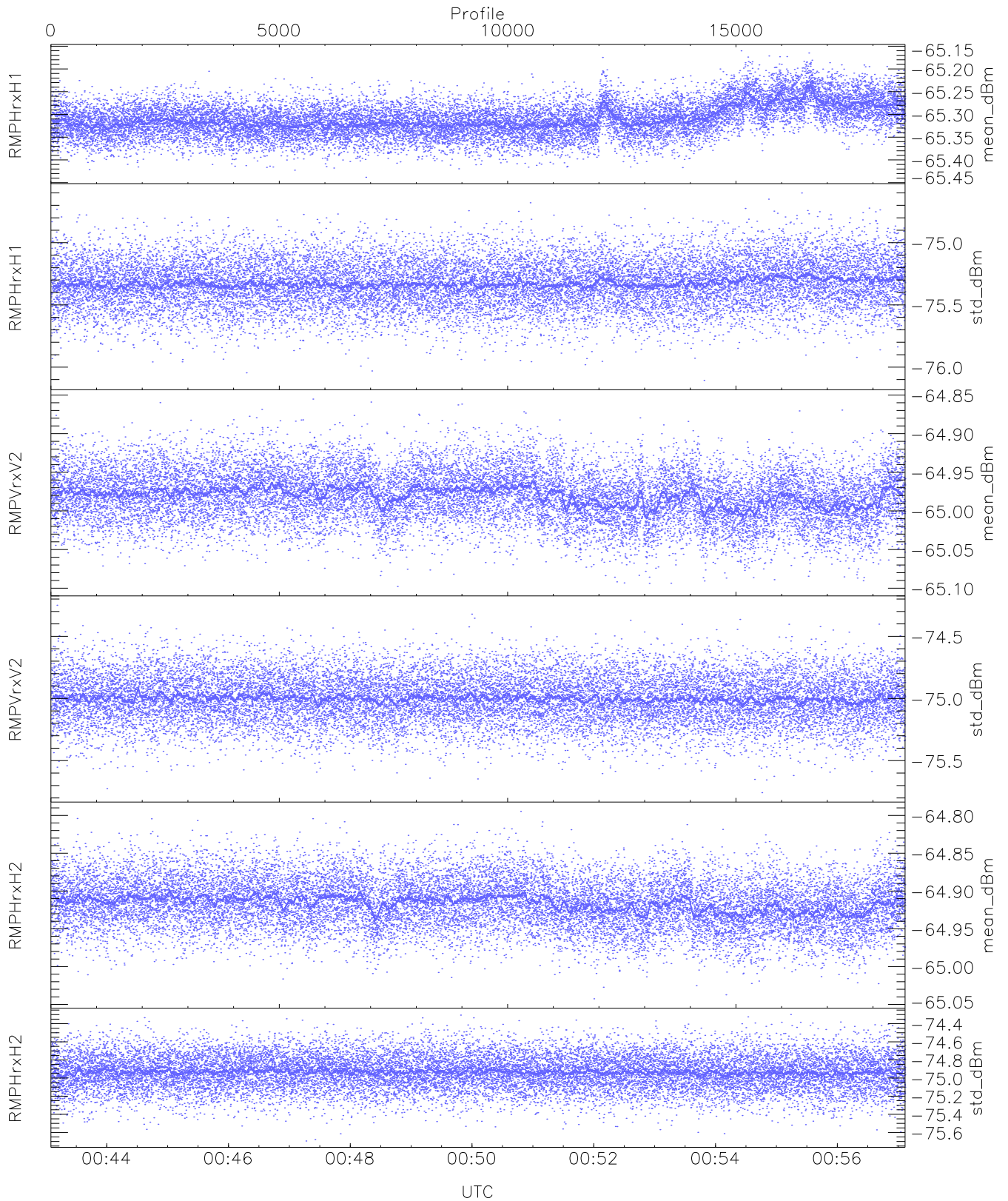
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(#_prof affected):
DeckF (22)



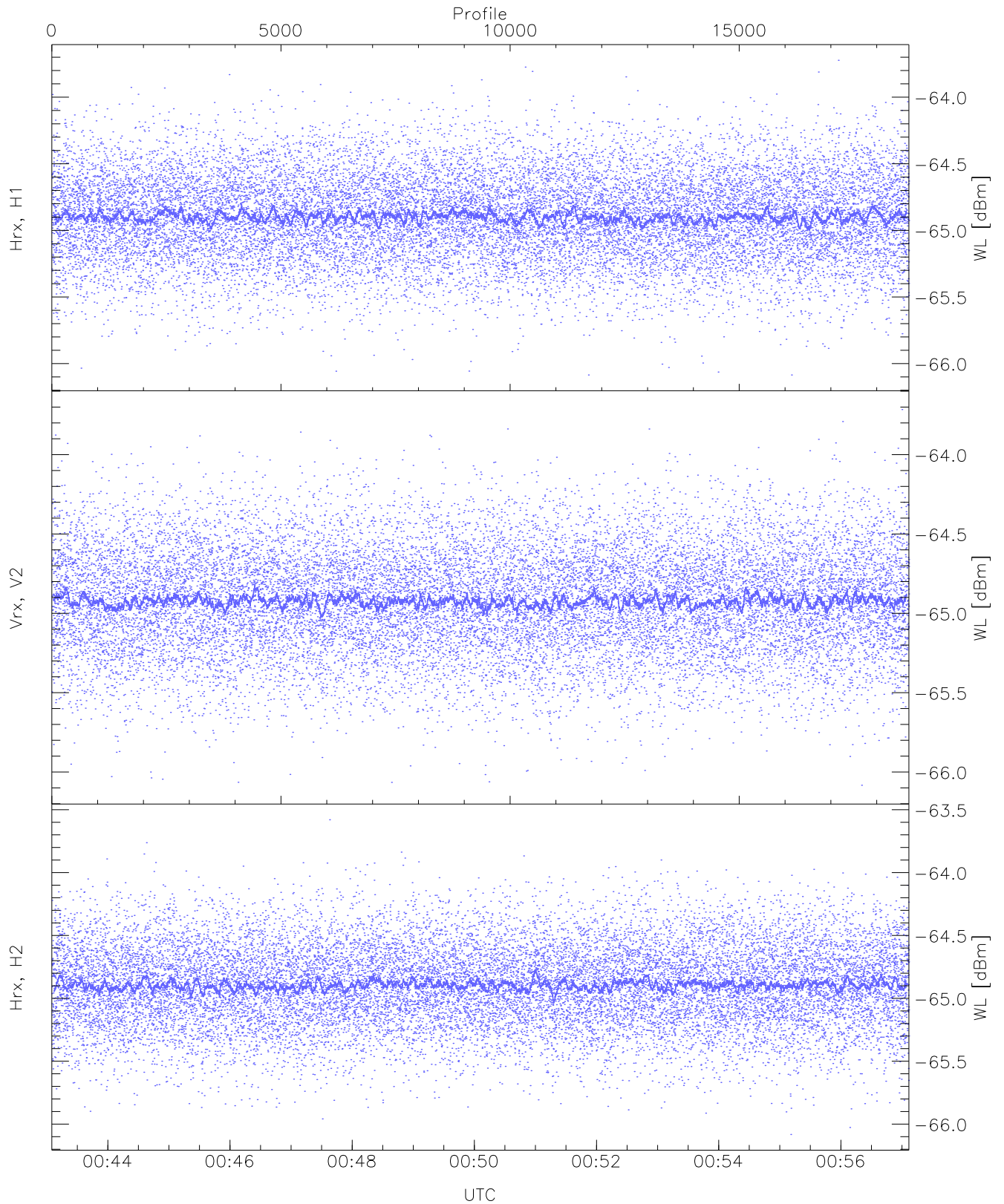
WCR3 CPP Receivers Gain and Noise Figure

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



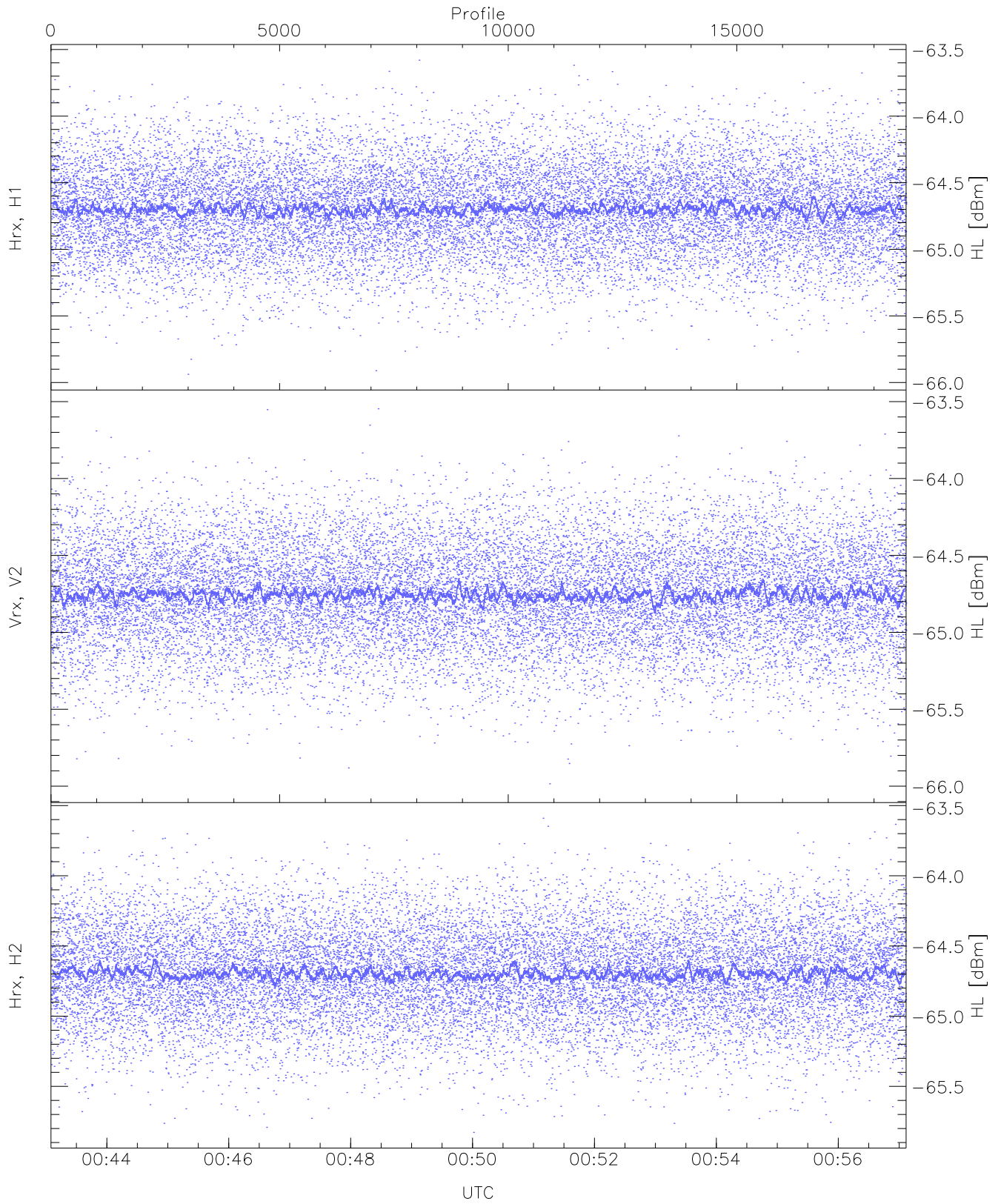
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.16	-65.31	-65.31	-86.02
RMPHrxH1(std_dBm)	-76.11	-74.60	-75.32	-75.33	-89.11
RMPVrxV2(mean_dBm)	-65.10	-64.86	-64.98	-64.98	-86.33
RMPVrxV2(std_dBm)	-75.76	-74.25	-75.00	-75.00	-88.78
RMPHrxH2(mean_dBm)	-65.04	-64.79	-64.92	-64.92	-86.38
RMPHrxH2(std_dBm)	-75.69	-74.30	-74.93	-74.93	-88.71



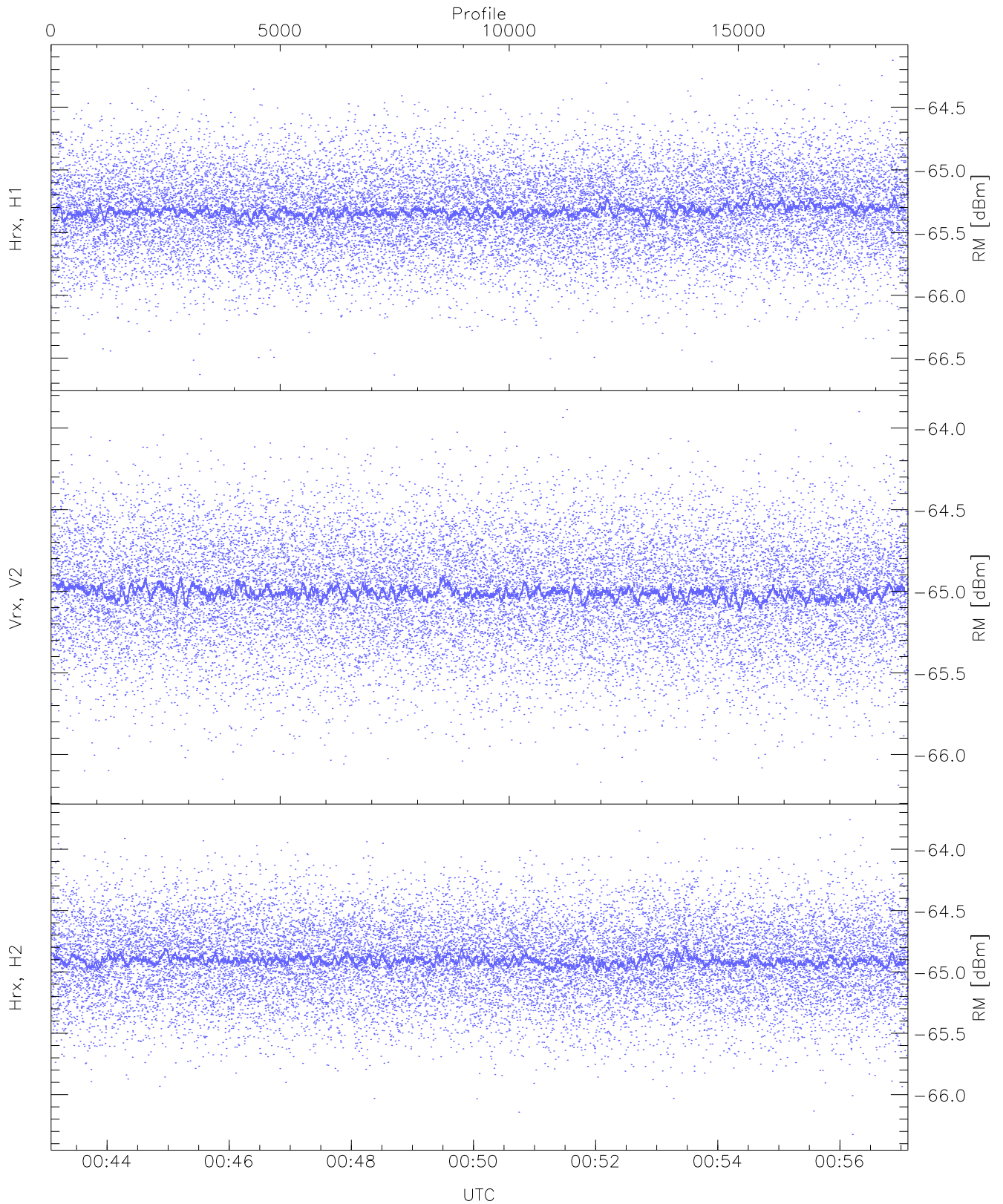
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.09	-63.72	-64.89	-64.90	-76.41
Vrx, V2 (WL [dBm])	-66.08	-63.72	-64.92	-64.92	-76.39
Hrx, H2 (WL [dBm])	-66.08	-63.58	-64.89	-64.90	-76.38



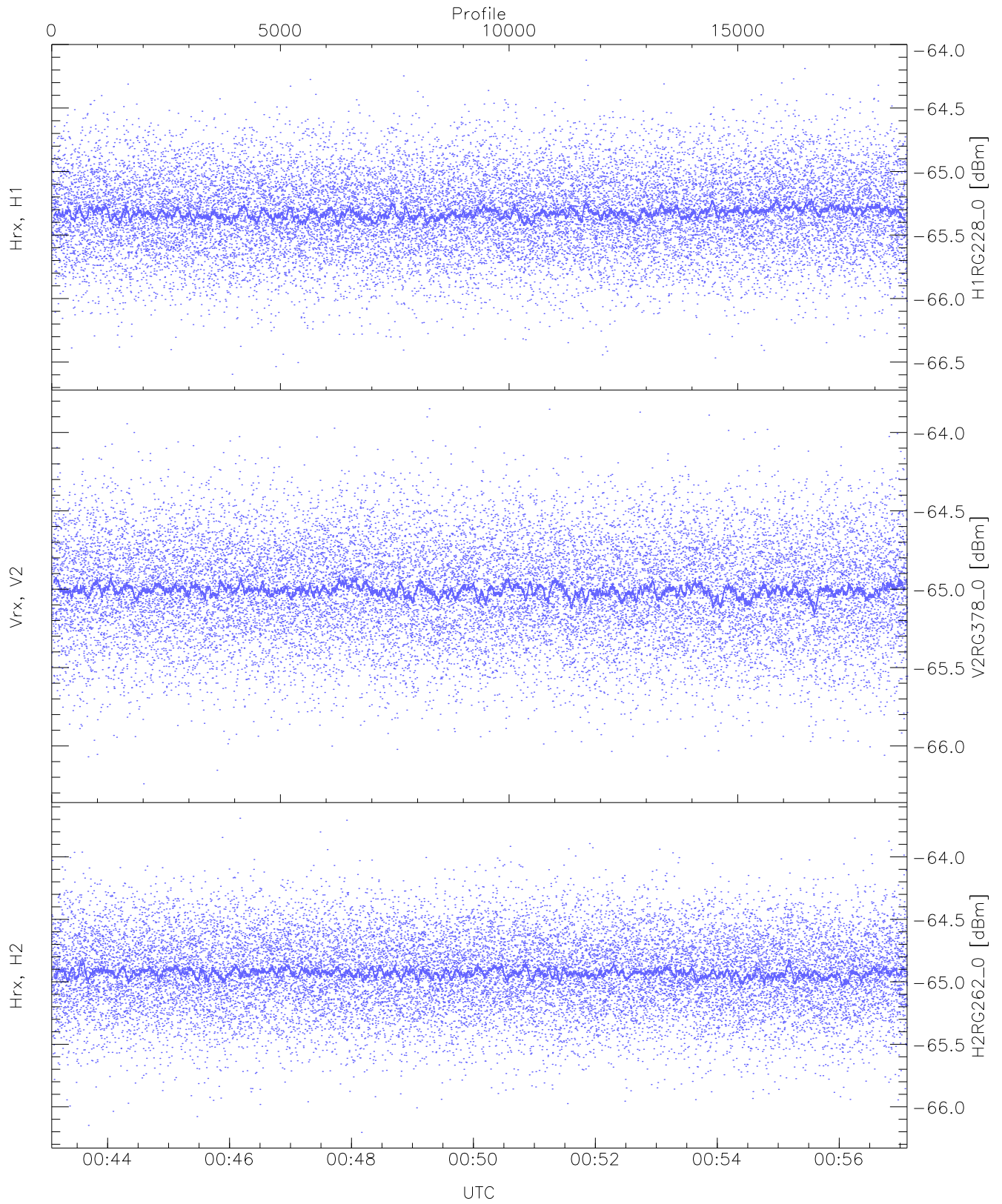
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.94	-63.58	-64.69	-64.70	-76.19
Vrx, V2 (HL [dBm])	-65.98	-63.55	-64.75	-64.76	-76.29
Hrx, H2 (HL [dBm])	-65.83	-63.59	-64.69	-64.70	-76.20



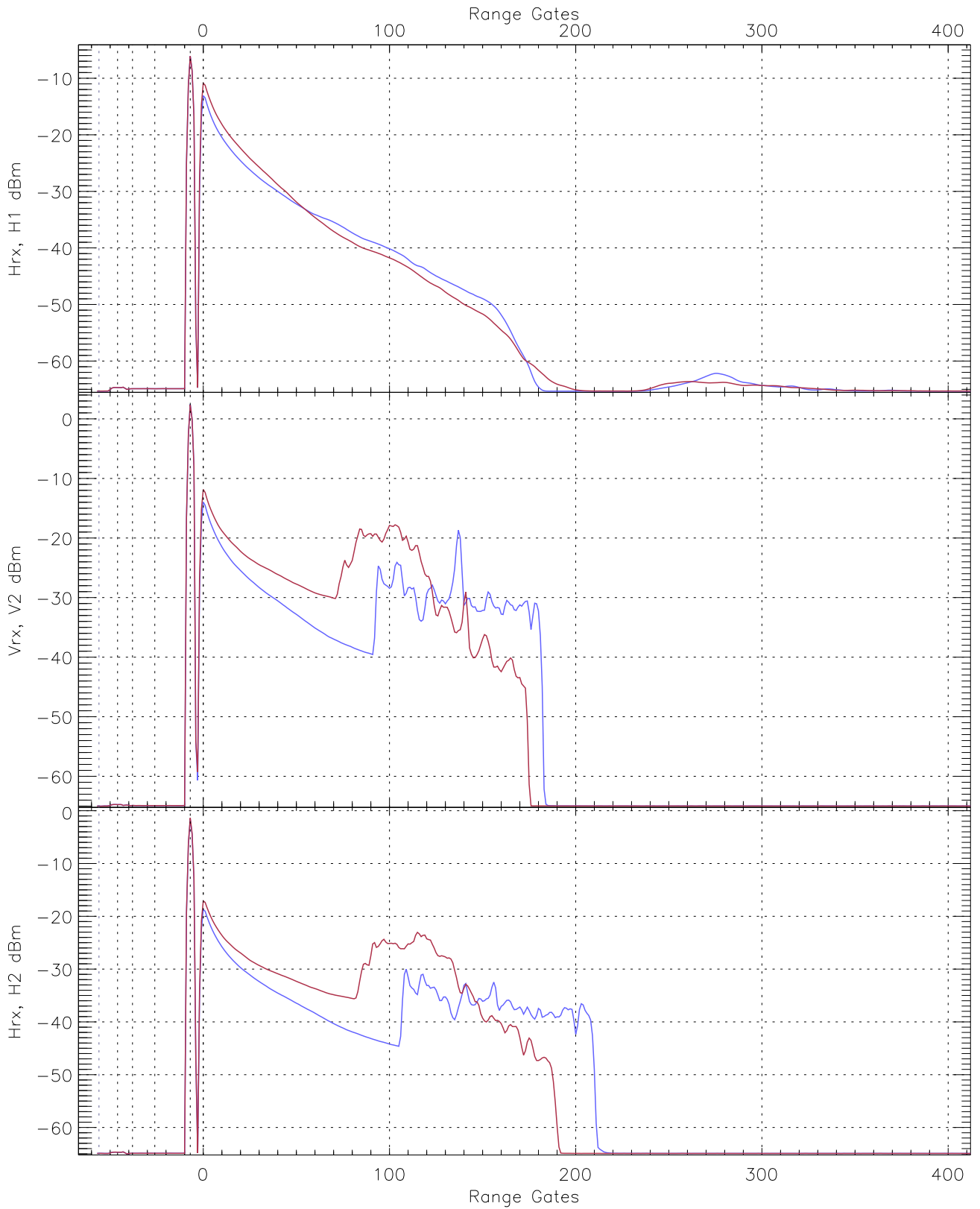
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.63	-64.13	-65.32	-65.32	-76.89
Vrx, V2 (RM [dBm])	-66.19	-63.89	-65.00	-65.00	-76.51
Hrx, H2 (RM [dBm])	-66.32	-63.76	-64.90	-64.91	-76.45

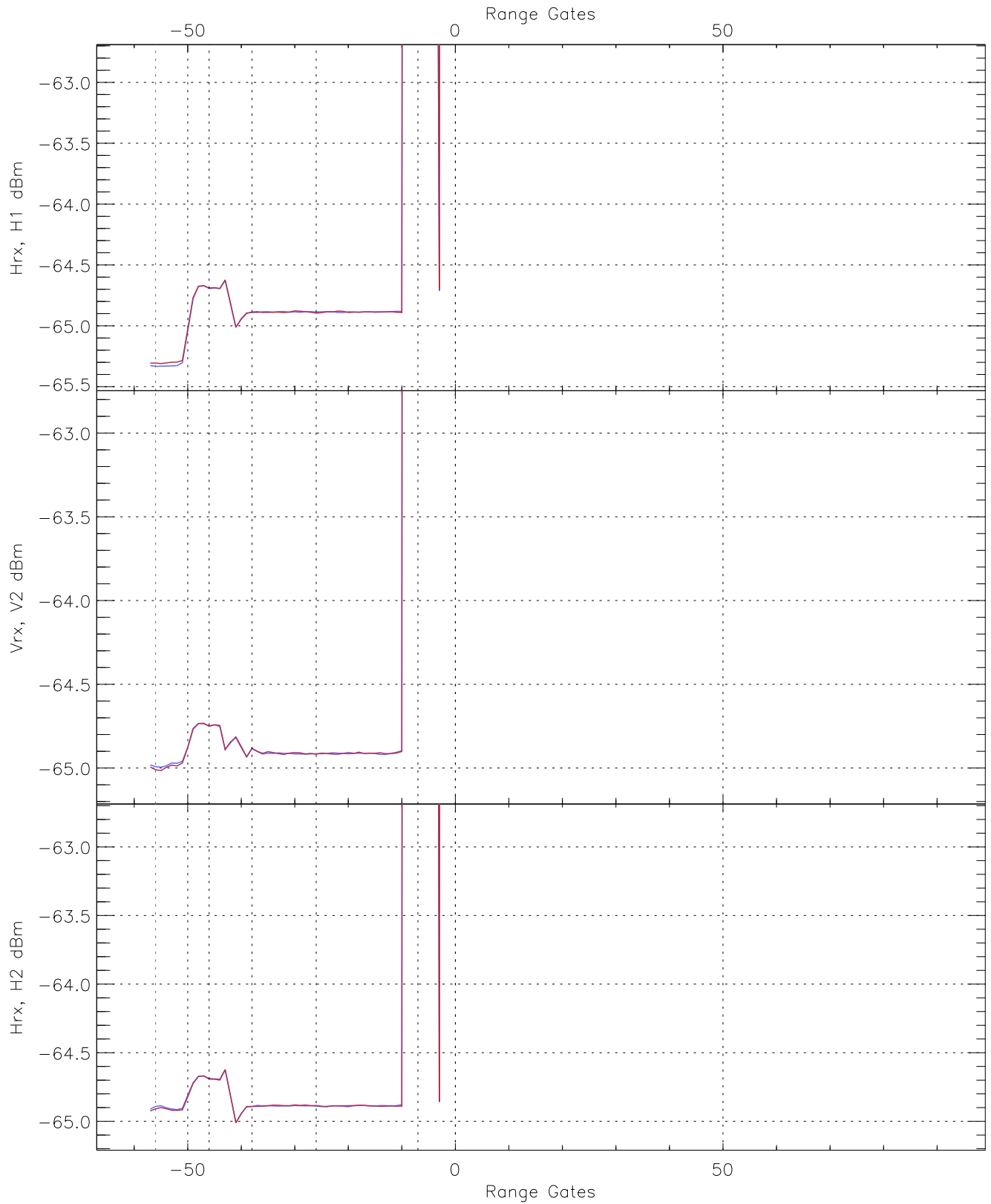


WCR3 CPP "Best" estimate Receivers Noise Power

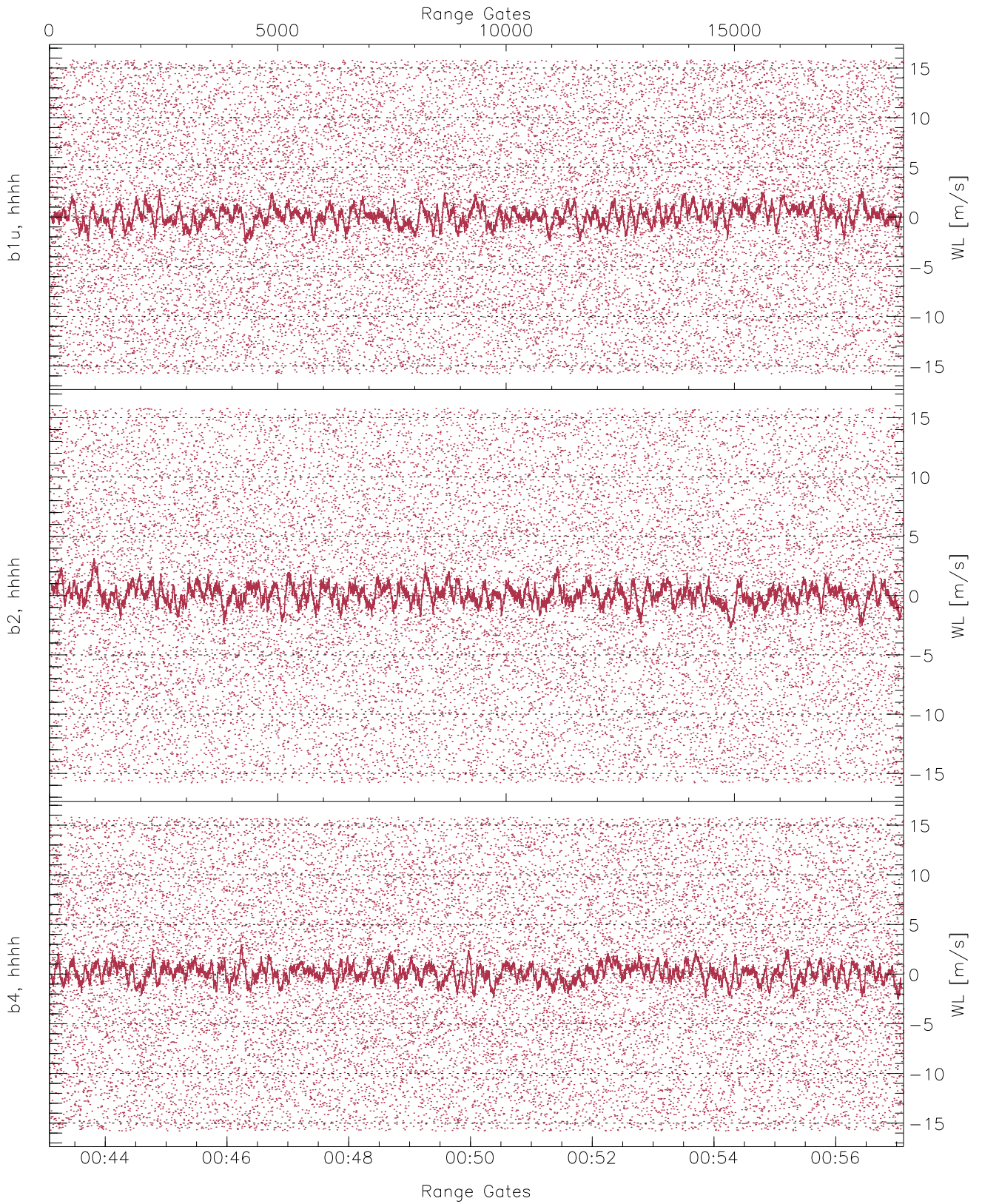
	Min	Max	Mean	Median	StDev
H1RG228_0 [dBm]	-66.60	-64.12	-65.32	-65.33	-76.81
V2RG378_0 [dBm]	-66.24	-63.85	-65.00	-65.01	-76.52
H2RG262_0 [dBm]	-66.20	-63.69	-64.92	-64.93	-76.45



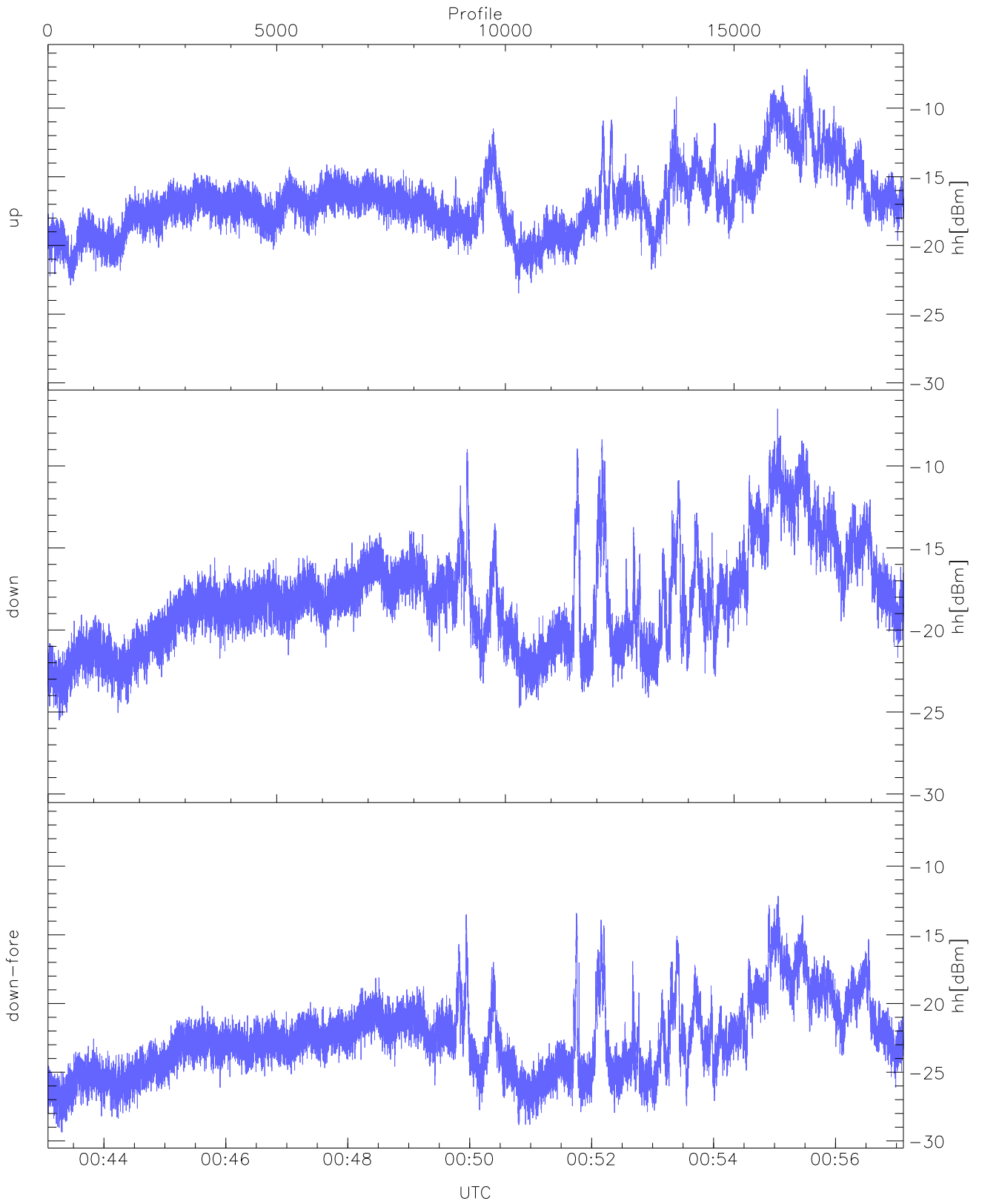
WCR3 CPP Averaged Received power for all recorded gates
blue: 004305-005006, 9353 profiles averaged
red: 005006-005707, 9352 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 004305-005006, 9353 profiles averaged
red: 005006-005707, 9352 profiles averaged

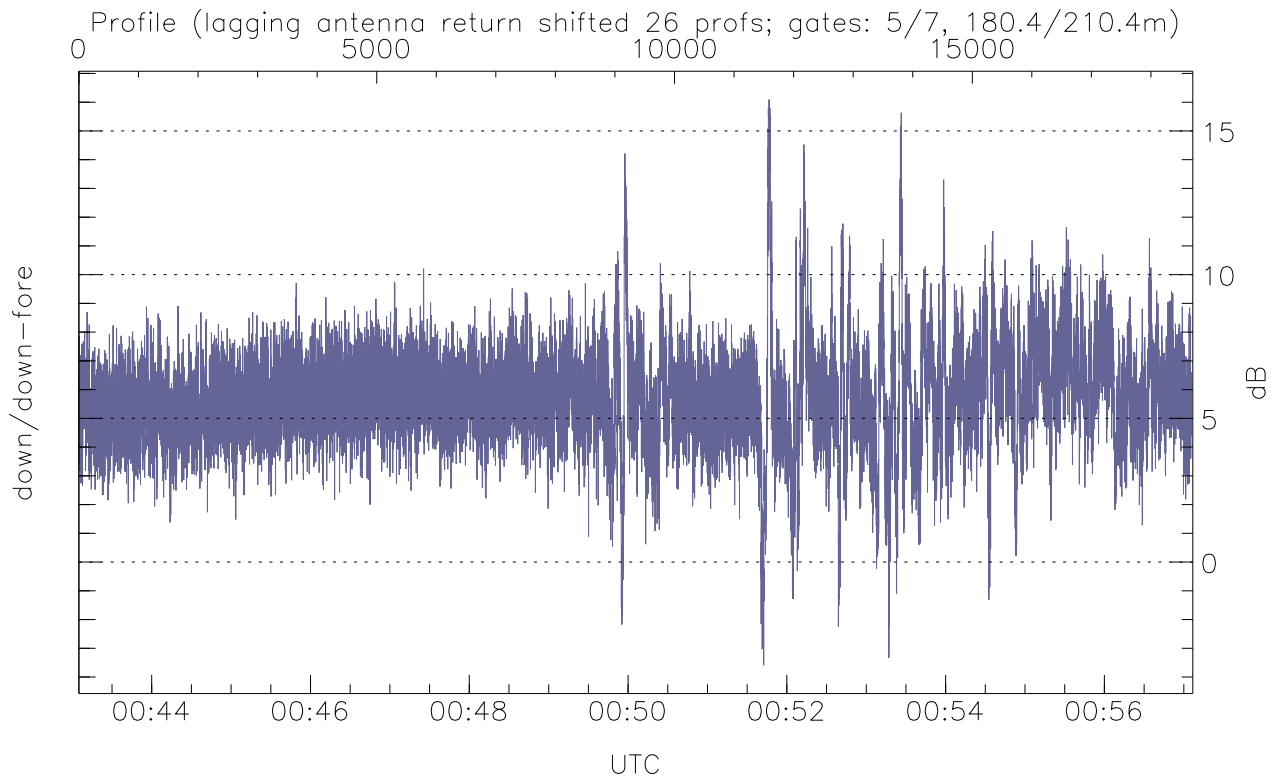
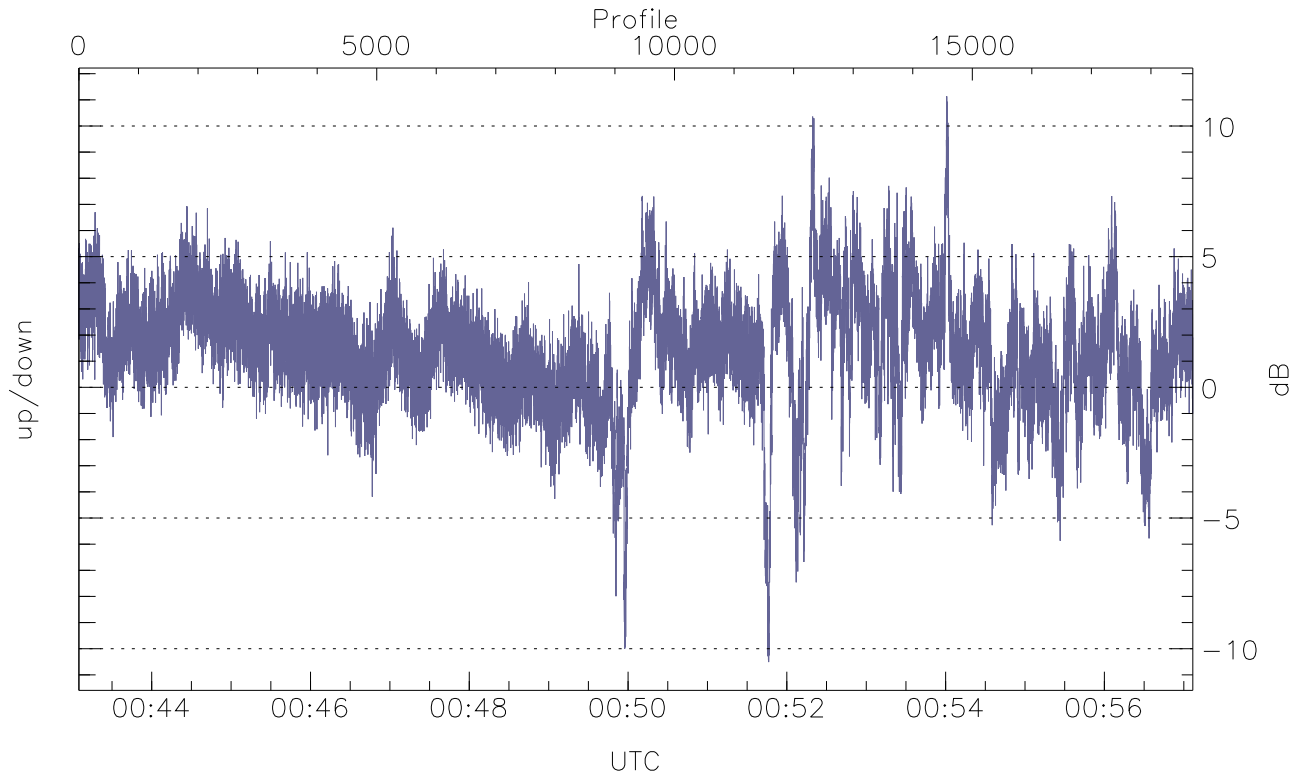


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



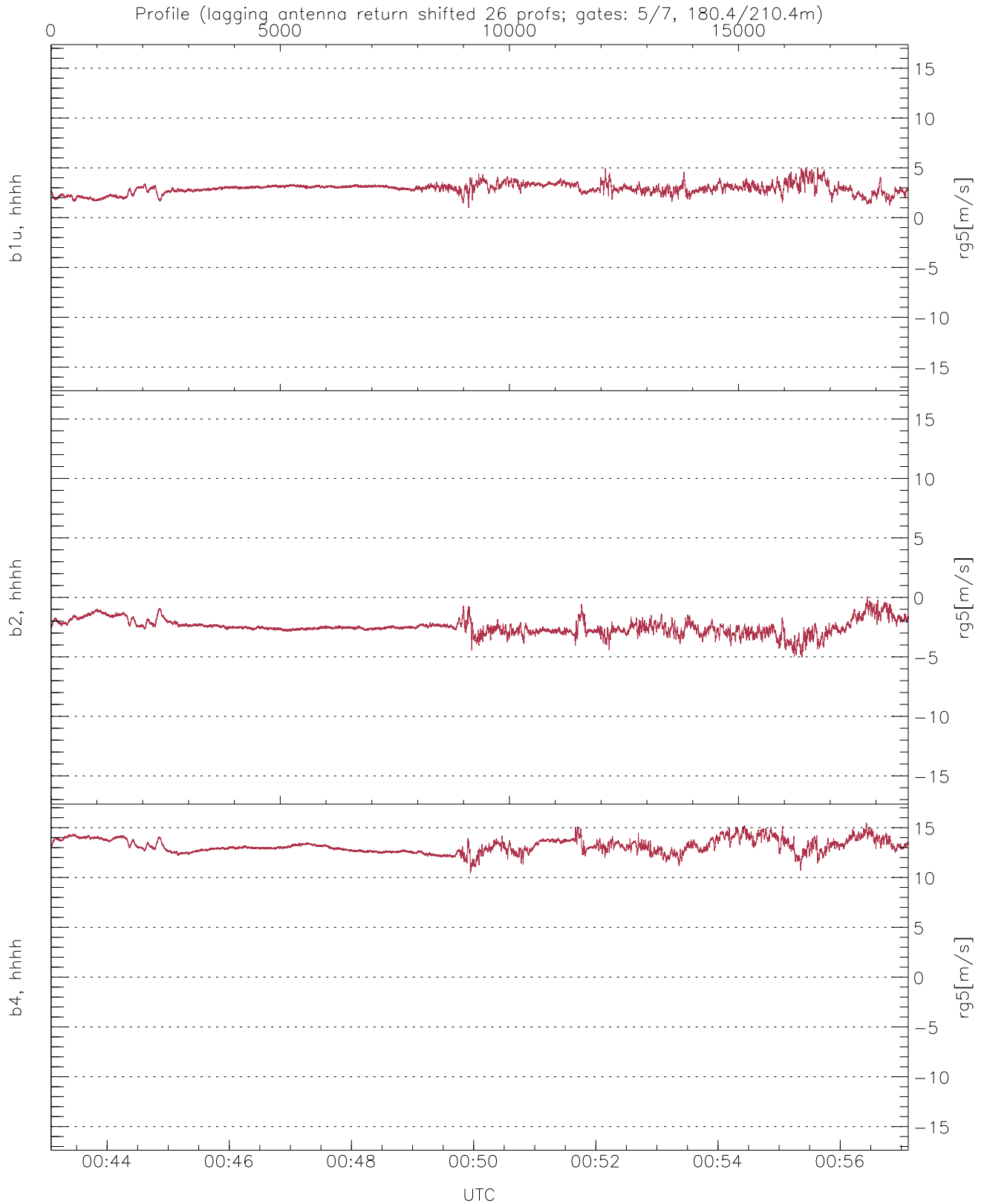
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-23.48	-7.17	-16.00
down(hh[dBm])	-25.50	-6.51	-16.95
down-fore(hh[dBm])	-29.38	-12.18	-21.62



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

	Min	Max	Mean
up/down (dB)	-10.51	11.14	1.40
down/down-fore (dB)	-3.59	16.09	5.75



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.98	5.04	2.91	0.52
b2, hhhh(rg5[m/s])	-5.05	0.09	-2.49	0.63
b4, hhhh(rg5[m/s])	10.37	15.51	13.15	0.68