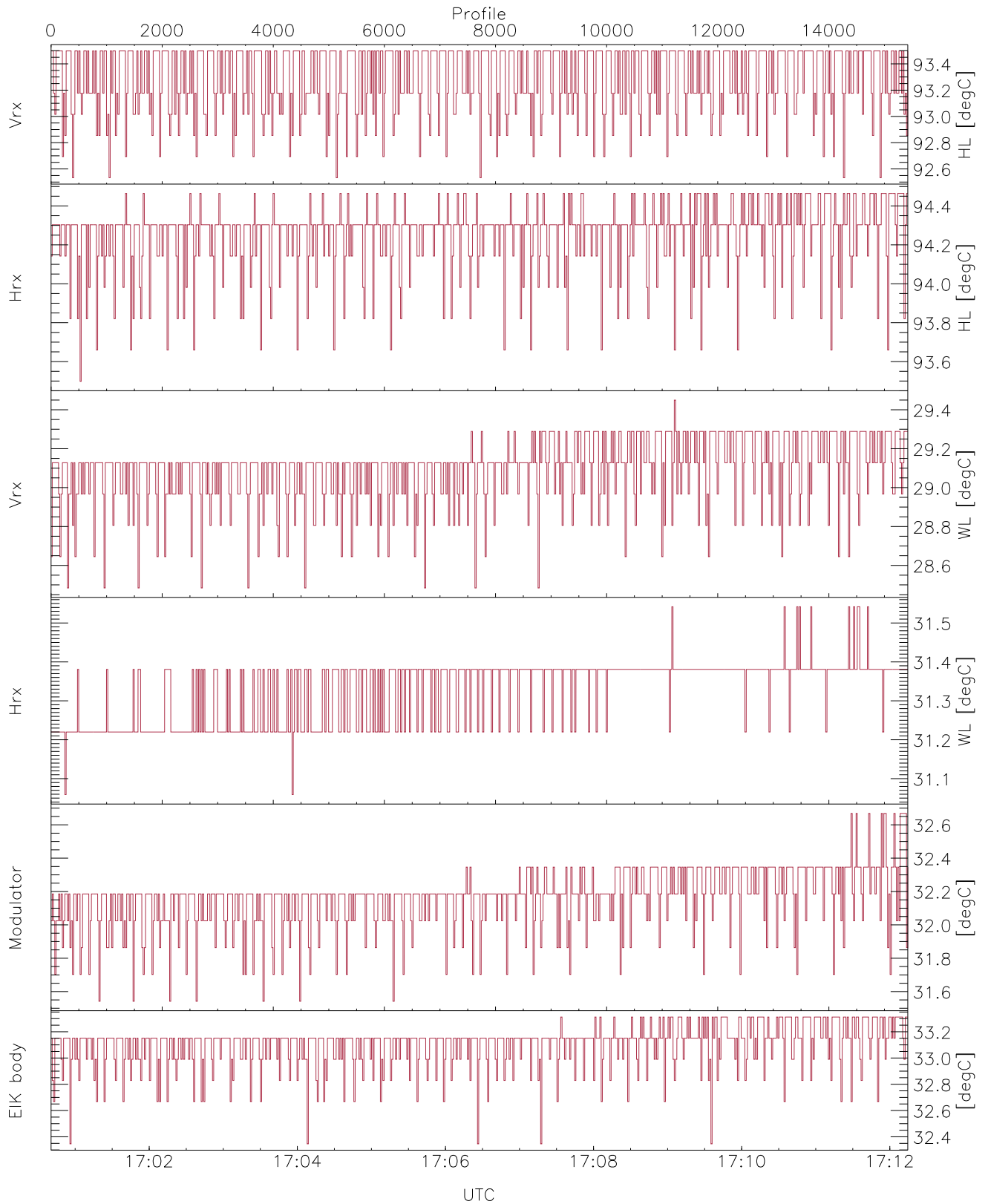


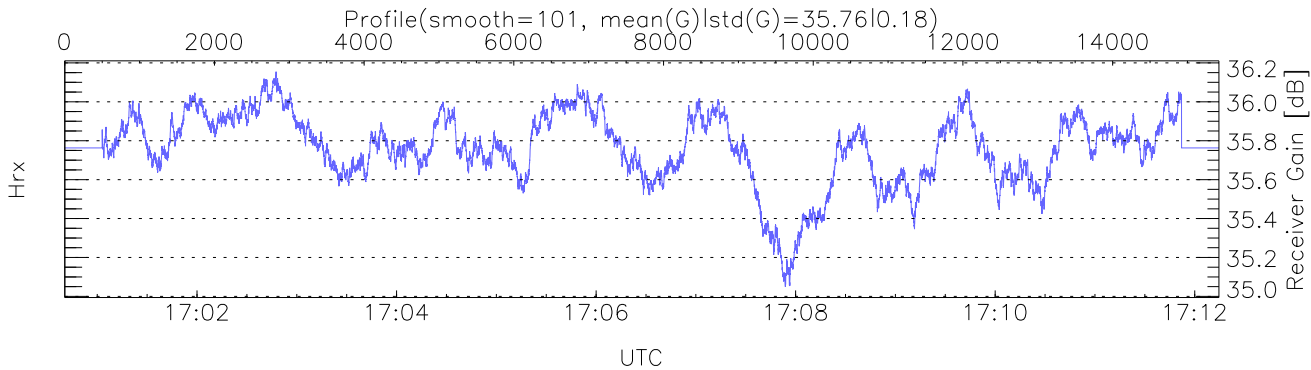
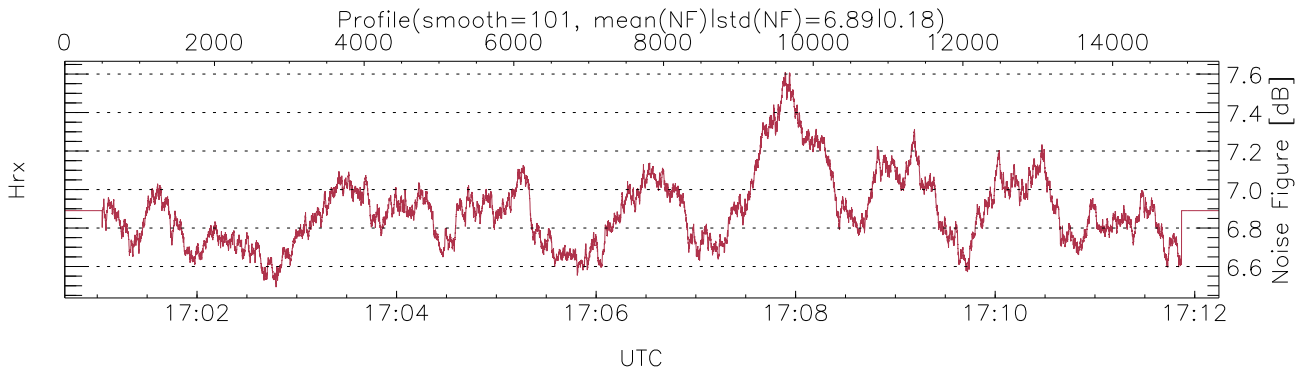
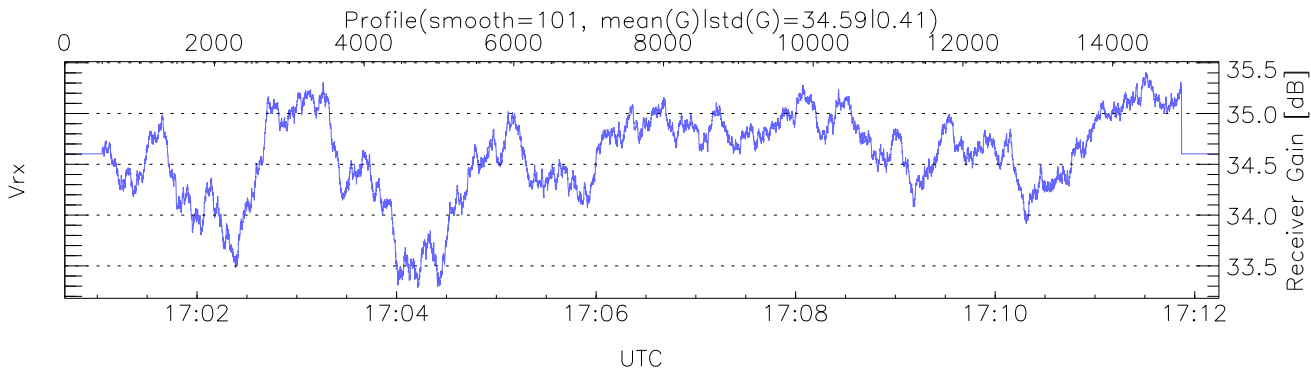
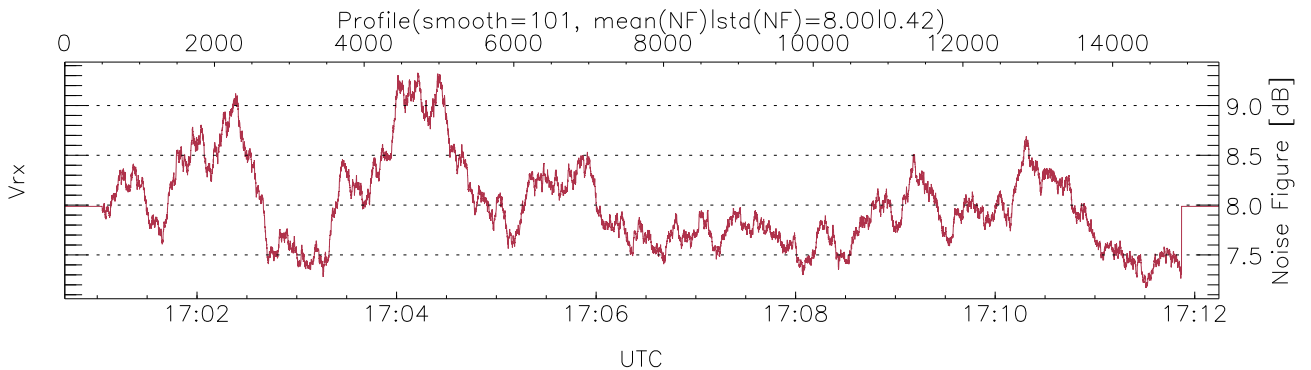
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:00:40-17:12:15, TimeCor: 0.00s, Dur: 694.12s
 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): 15422/15422, 0-15421/17:00:40-17:12:15
 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 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



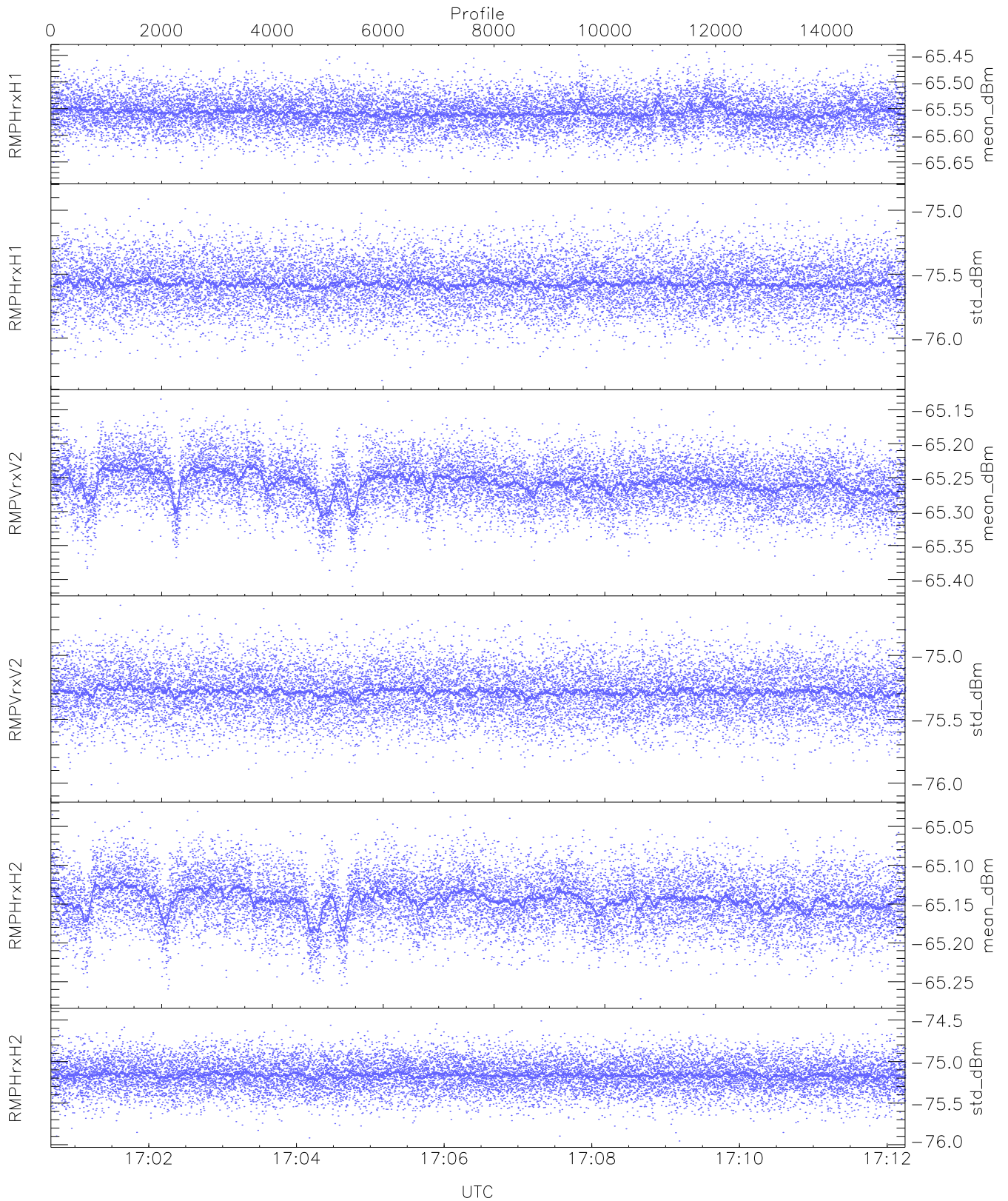
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,31,31,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,31,32,33
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



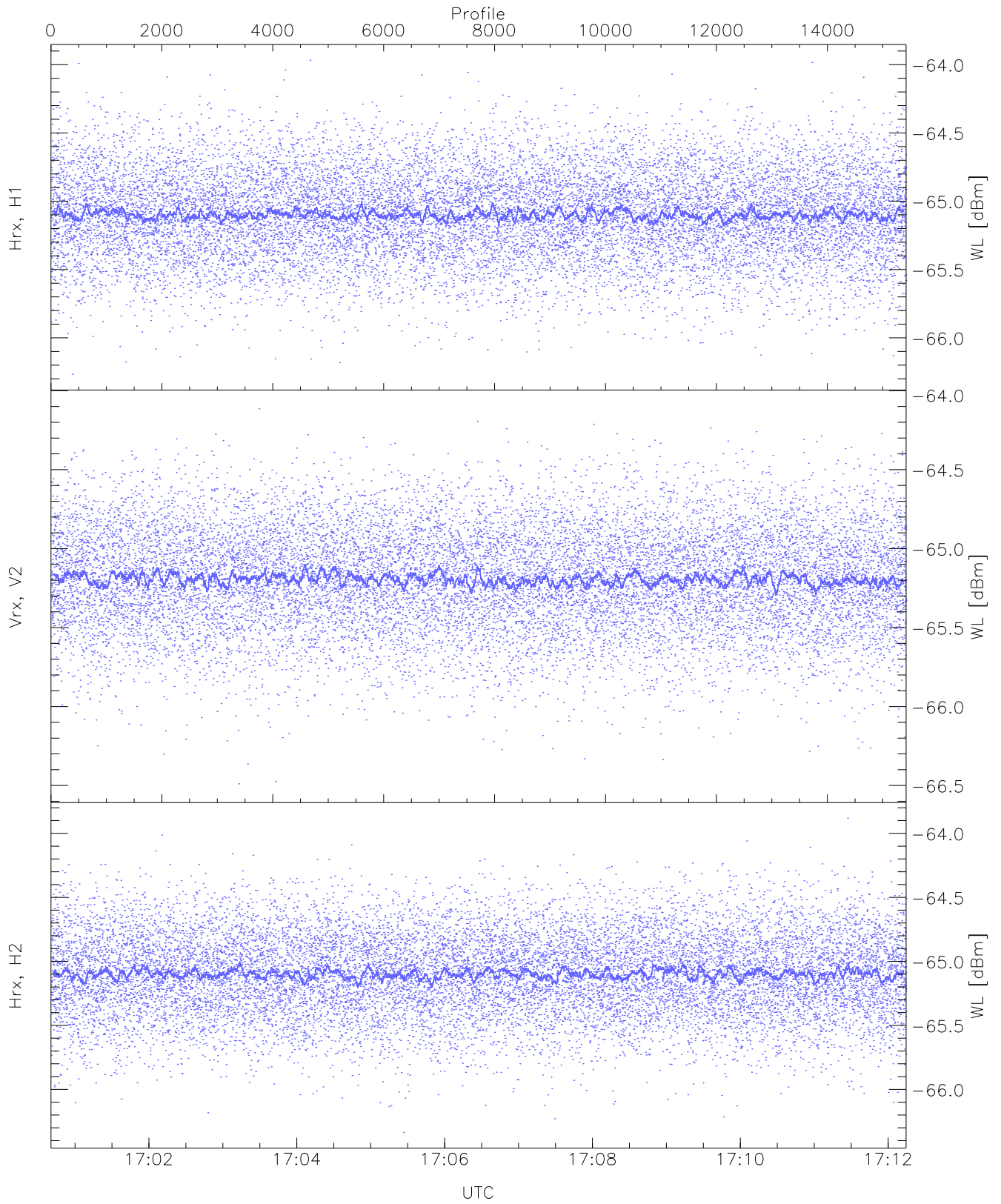
WCR3 CPP Receivers Gain and Noise Figure

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



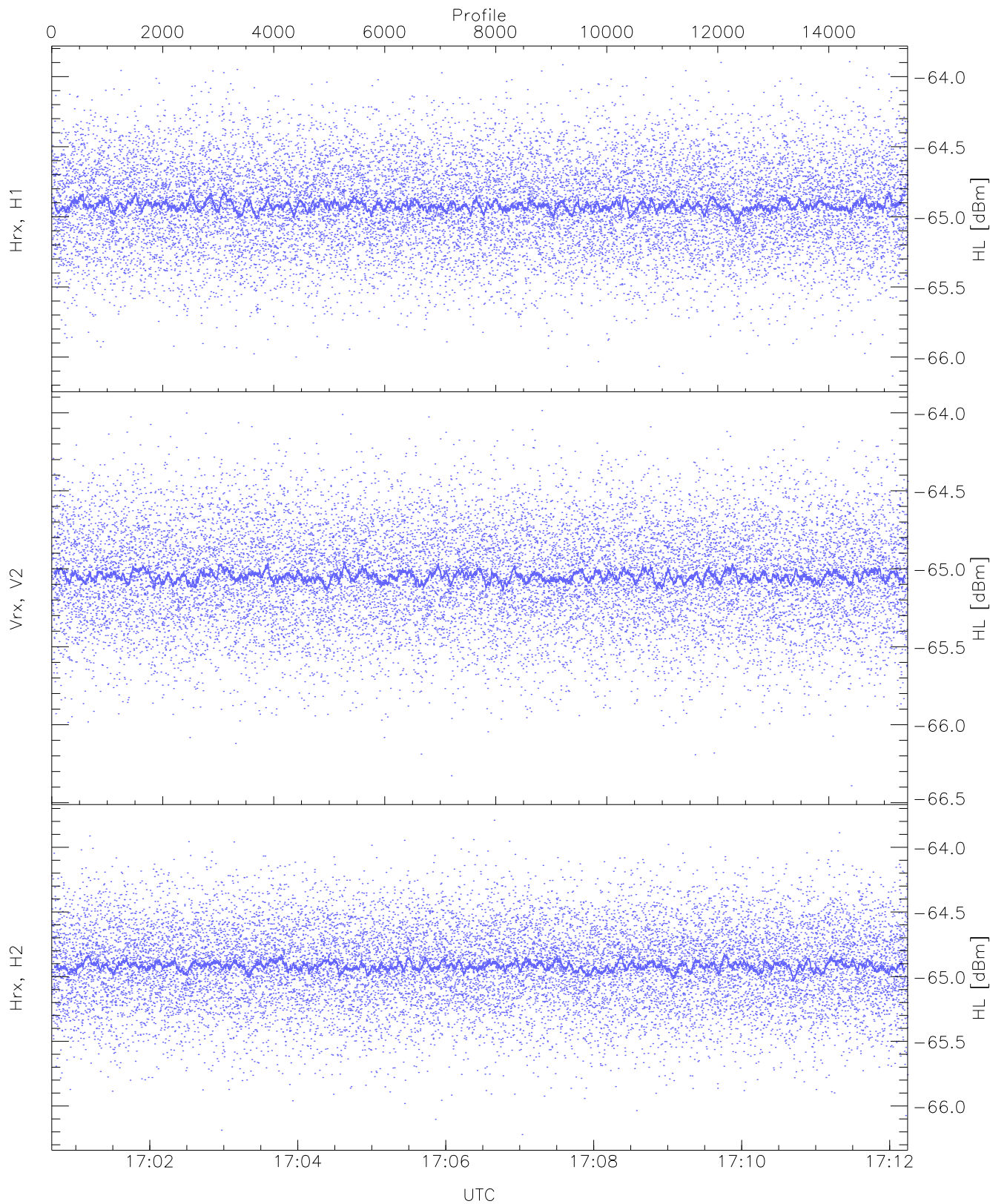
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.68	-65.44	-65.56	-65.56	-87.04
RMPHrxH1(std_dBm)	-76.33	-74.86	-75.57	-75.58	-89.36
RMPVrxV2(mean_dBm)	-65.41	-65.13	-65.26	-65.26	-86.43
RMPVrxV2(std_dBm)	-76.07	-74.61	-75.28	-75.28	-89.09
RMPHrxH2(mean_dBm)	-65.27	-65.03	-65.14	-65.14	-86.50
RMPHrxH2(std_dBm)	-75.96	-74.43	-75.16	-75.16	-88.94



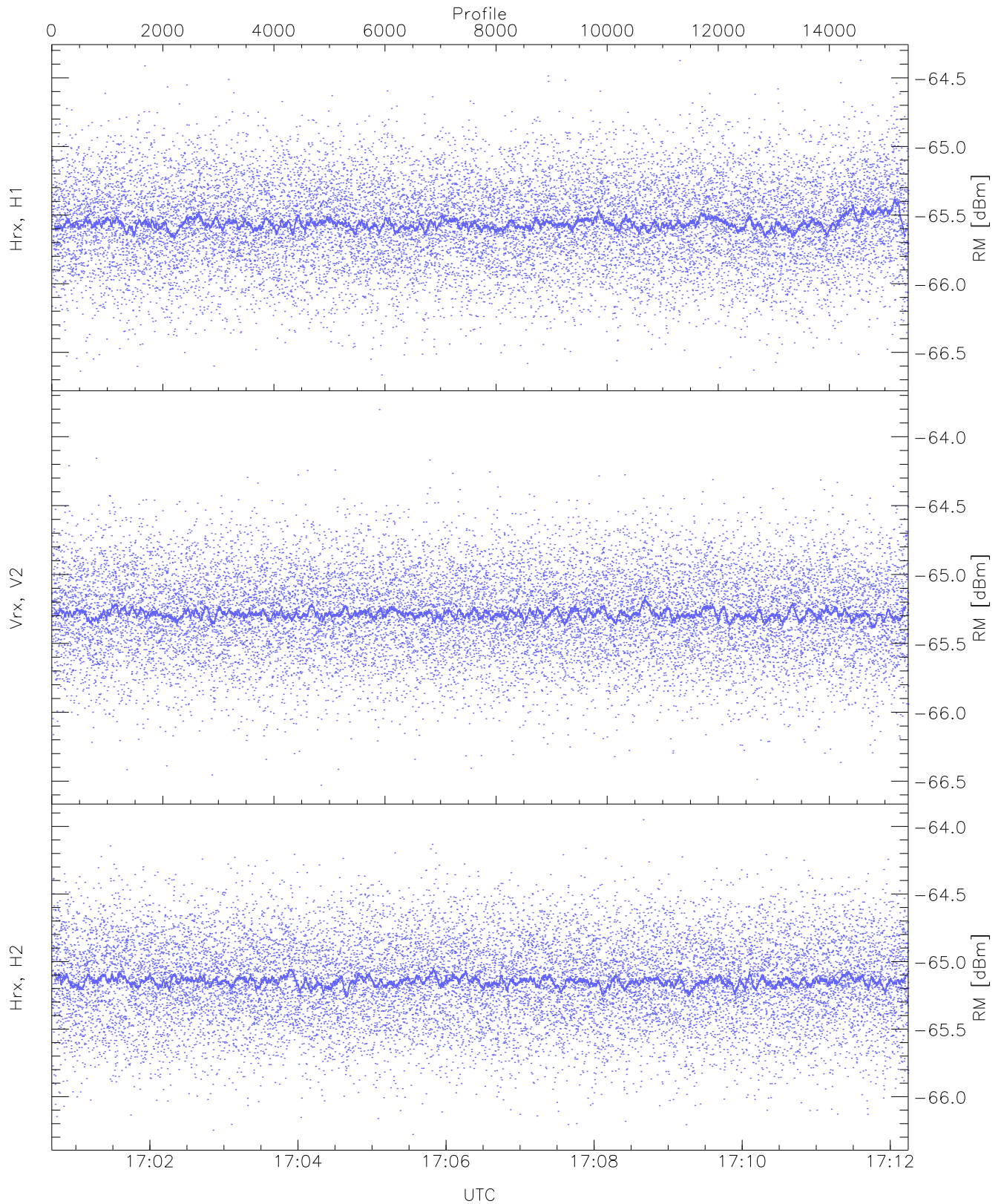
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.27	-63.97	-65.09	-65.10	-76.61
Vrx, V2 (WL [dBm])	-66.49	-64.11	-65.19	-65.19	-76.71
Hrx, H2 (WL [dBm])	-66.34	-63.88	-65.09	-65.10	-76.63



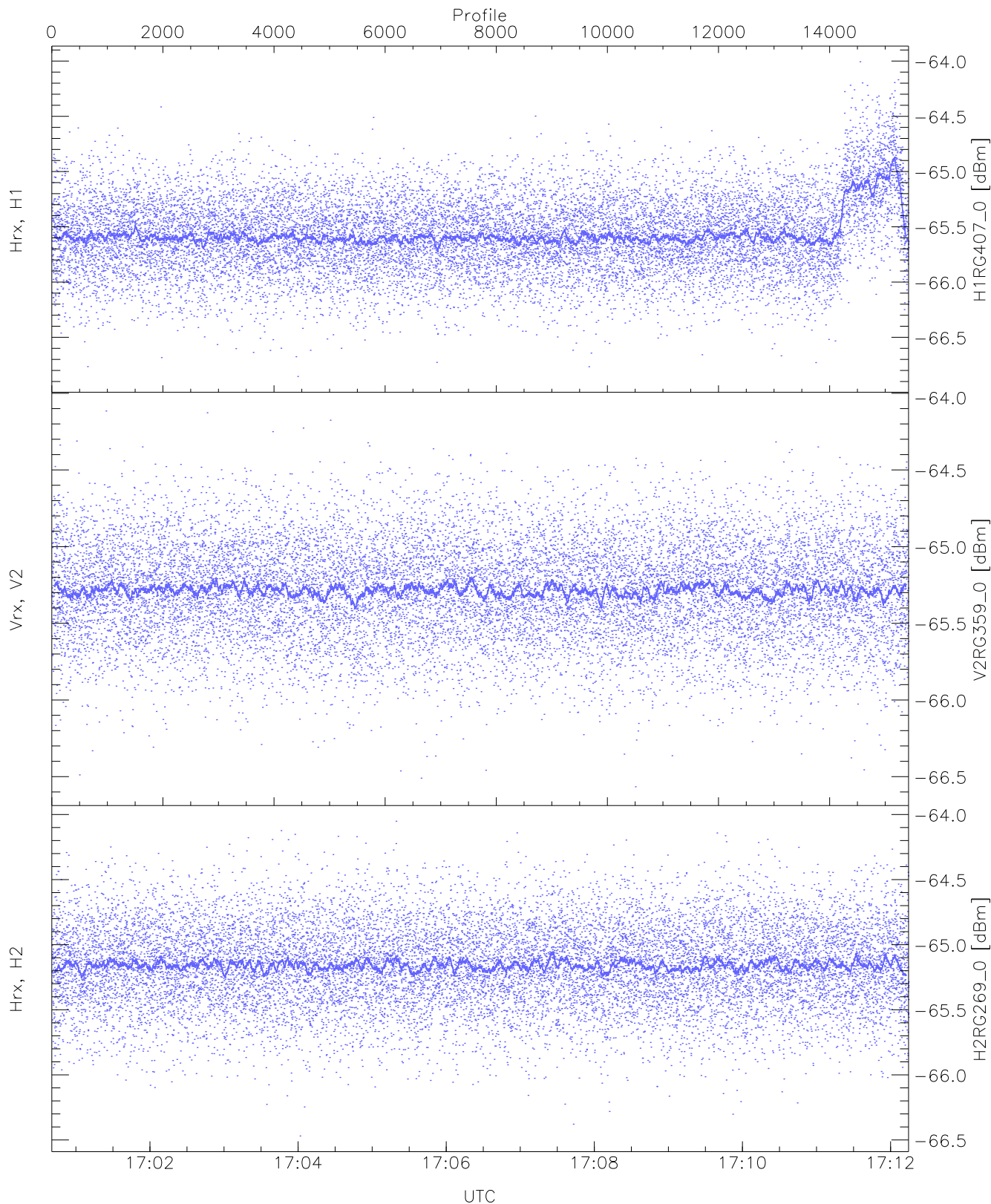
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.14	-63.89	-64.91	-64.92	-76.41
Vrx, V2(HL [dBm])	-66.39	-63.99	-65.04	-65.05	-76.55
Hrx, H2(HL [dBm])	-66.22	-63.79	-64.91	-64.91	-76.41



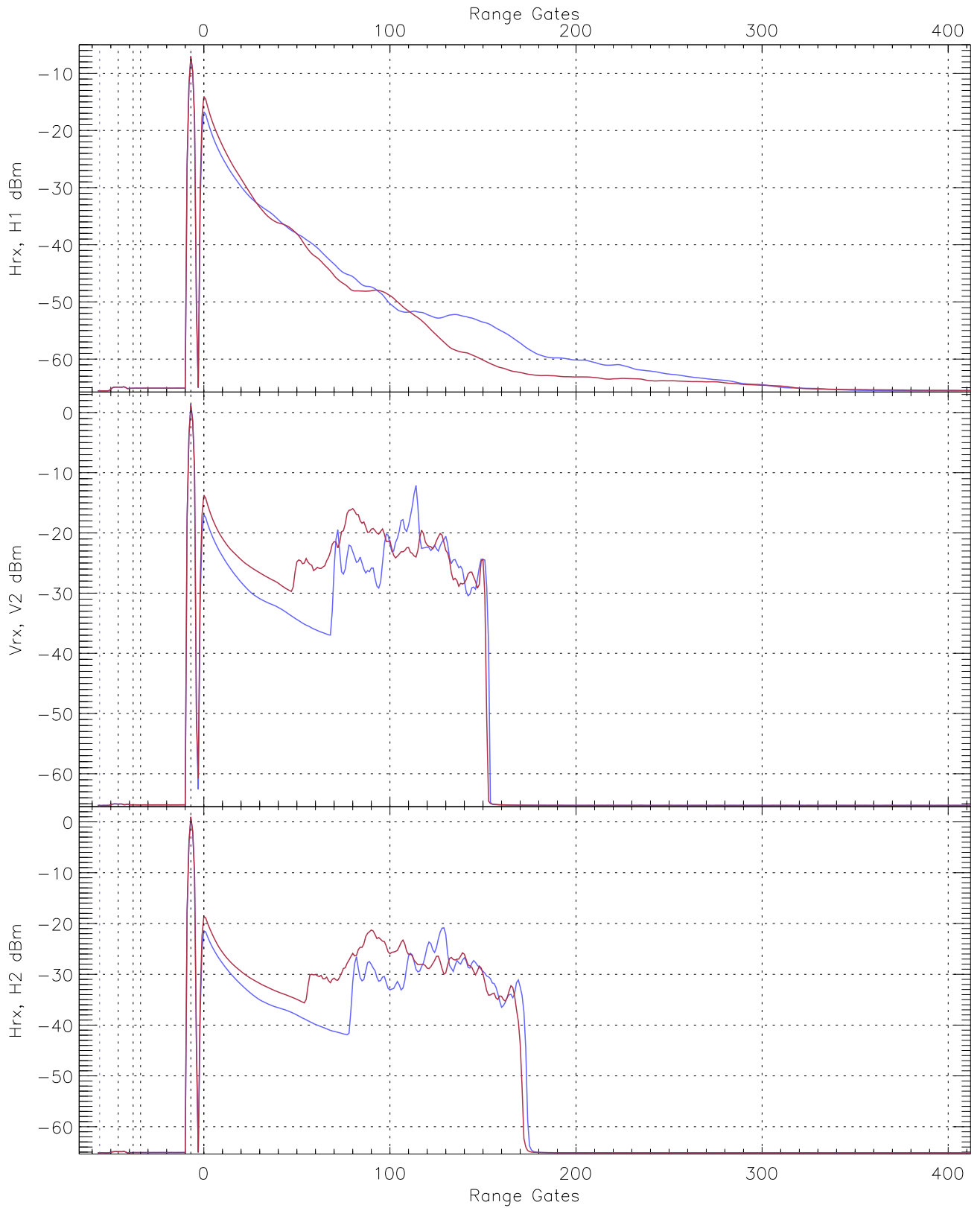
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.67	-64.37	-65.55	-65.56	-77.05
Vrx, V2 (RM [dBm])	-66.53	-63.80	-65.28	-65.29	-76.78
Hrx, H2 (RM [dBm])	-66.28	-63.95	-65.14	-65.14	-76.61

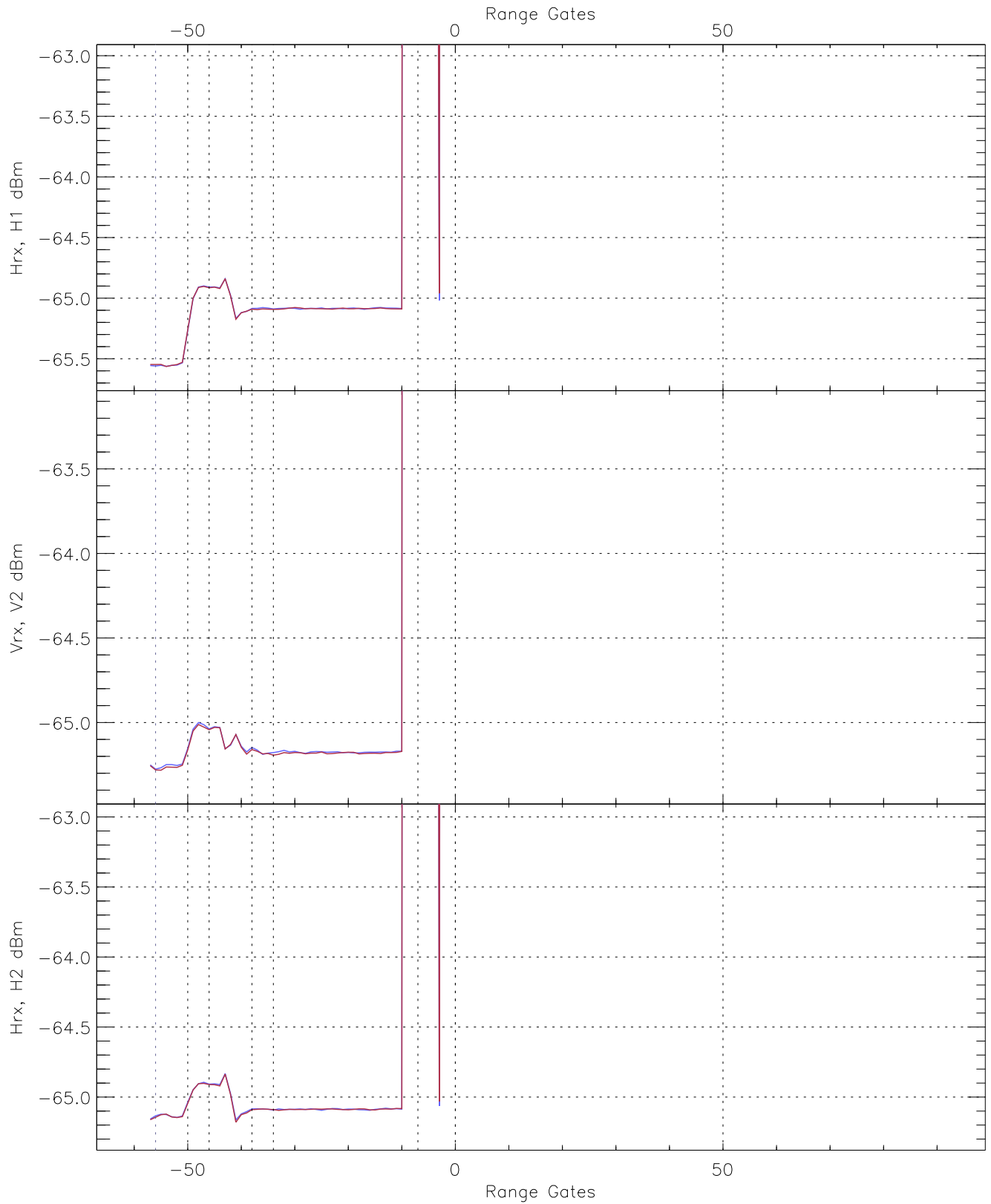


WCR3 CPP "Best" estimate Receivers Noise Power

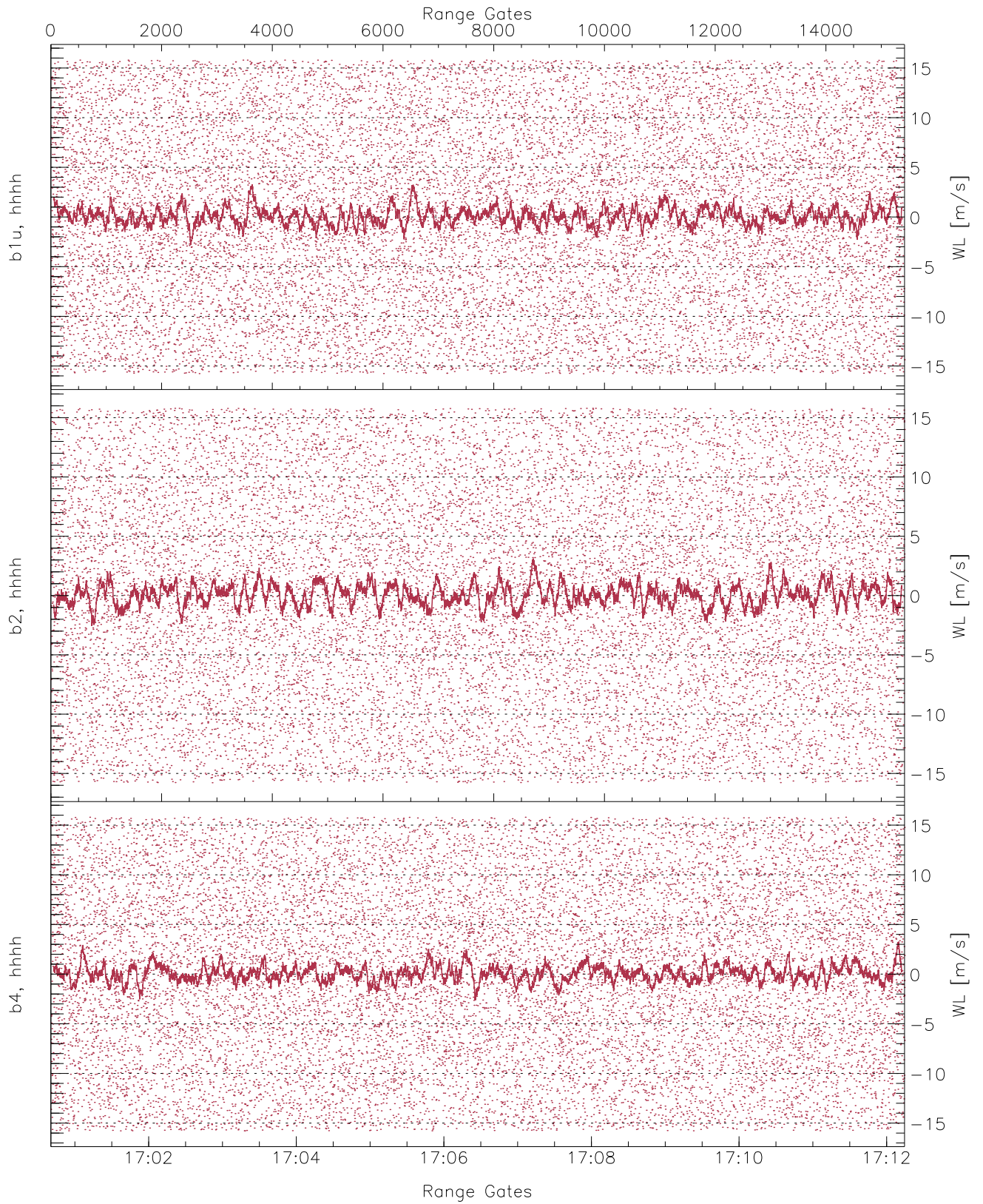
	Min	Max	Mean	Median	StDev
H1RG407_0 [dBm]	-66.85	-64.01	-65.55	-65.57	-76.64
V2RG359_0 [dBm]	-66.57	-64.12	-65.28	-65.28	-76.82
H2RG269_0 [dBm]	-66.47	-64.05	-65.15	-65.16	-76.66



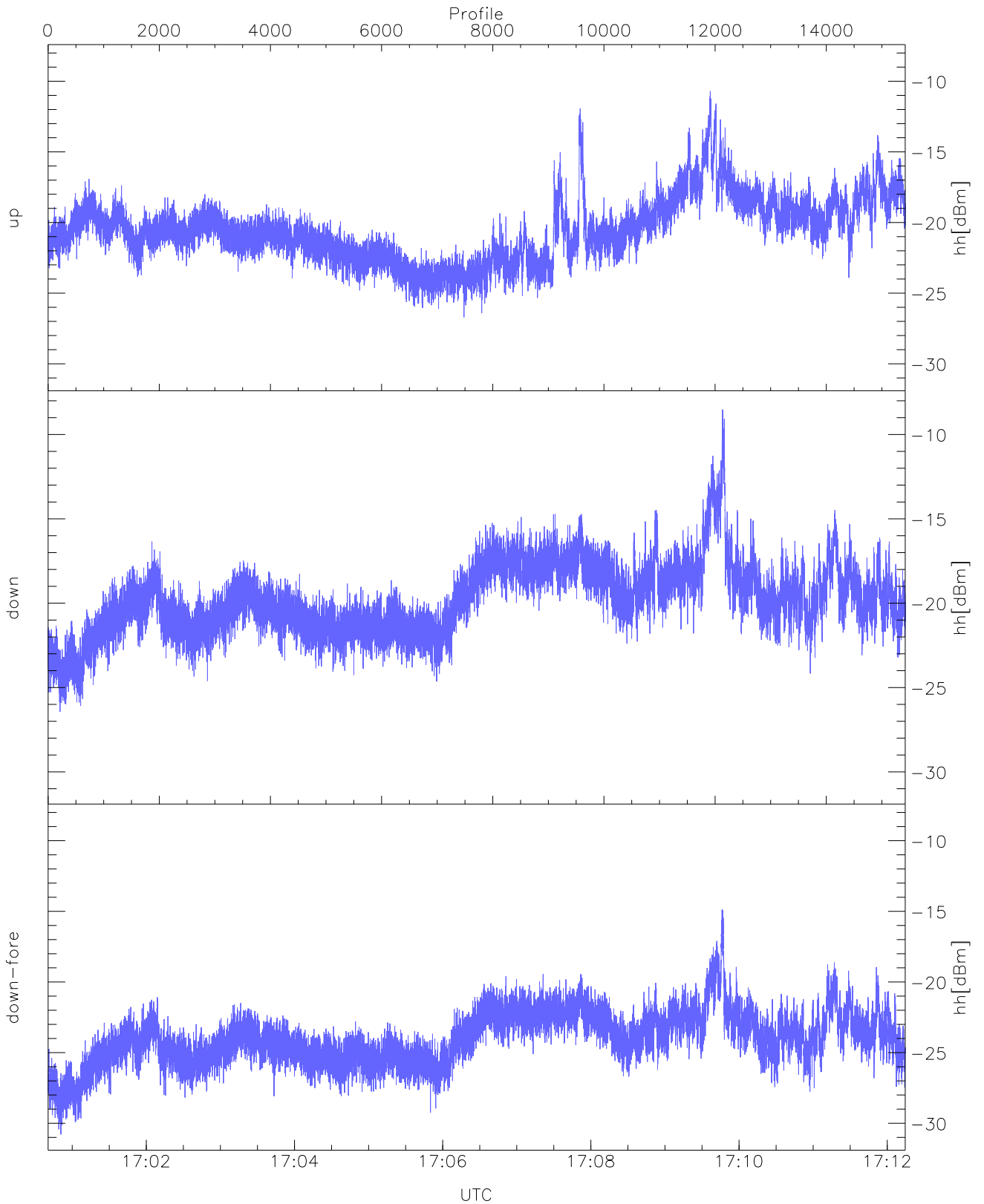
WCR3 CPP Averaged Received power for all recorded gates
blue: 170040-170628, 7712 profiles averaged
red: 170628-171215, 7711 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 170040-170628, 7712 profiles averaged
red: 170628-171215, 7711 profiles averaged

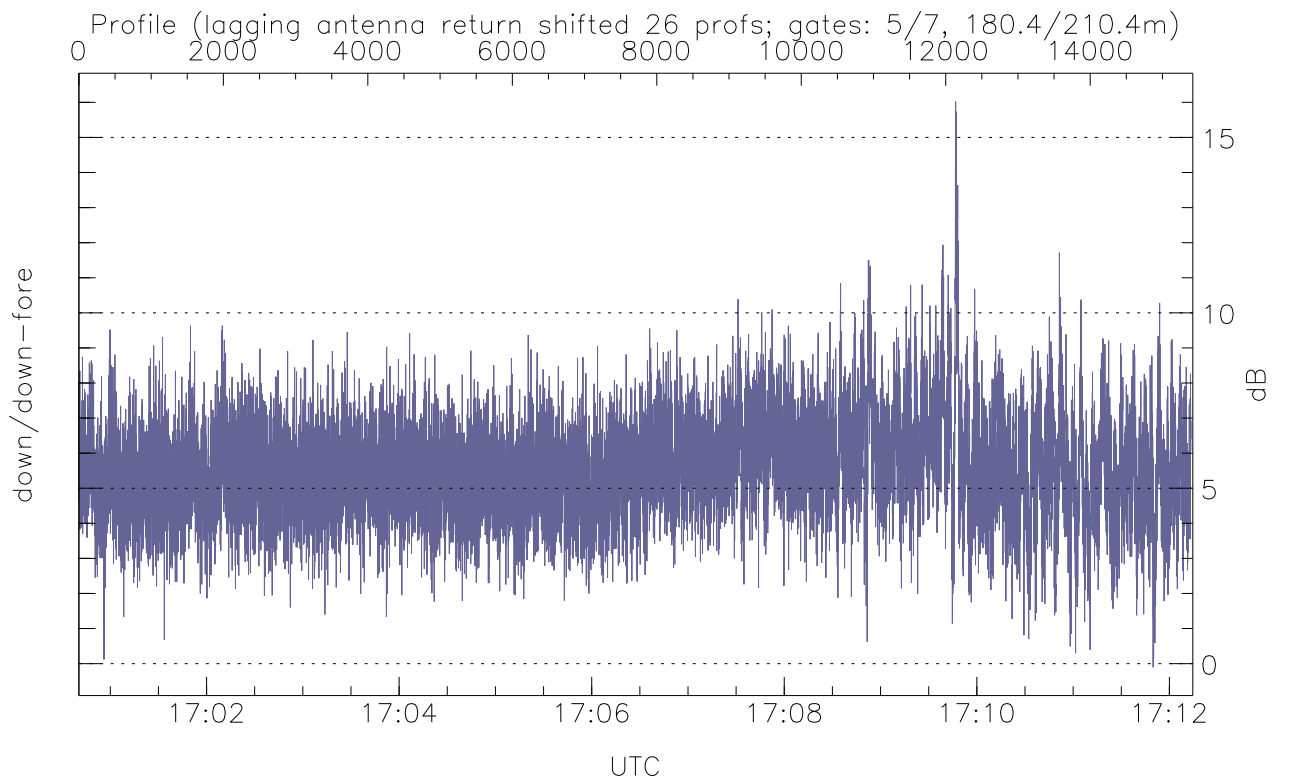
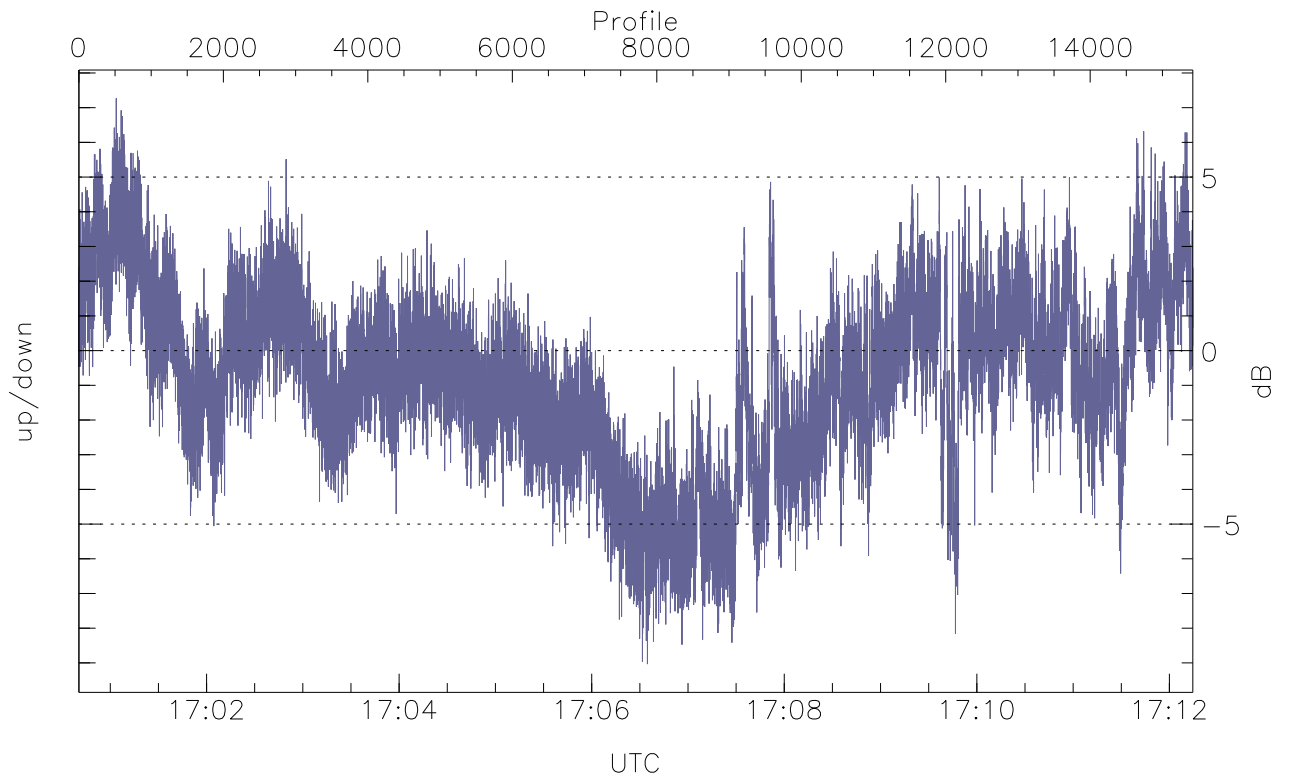


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



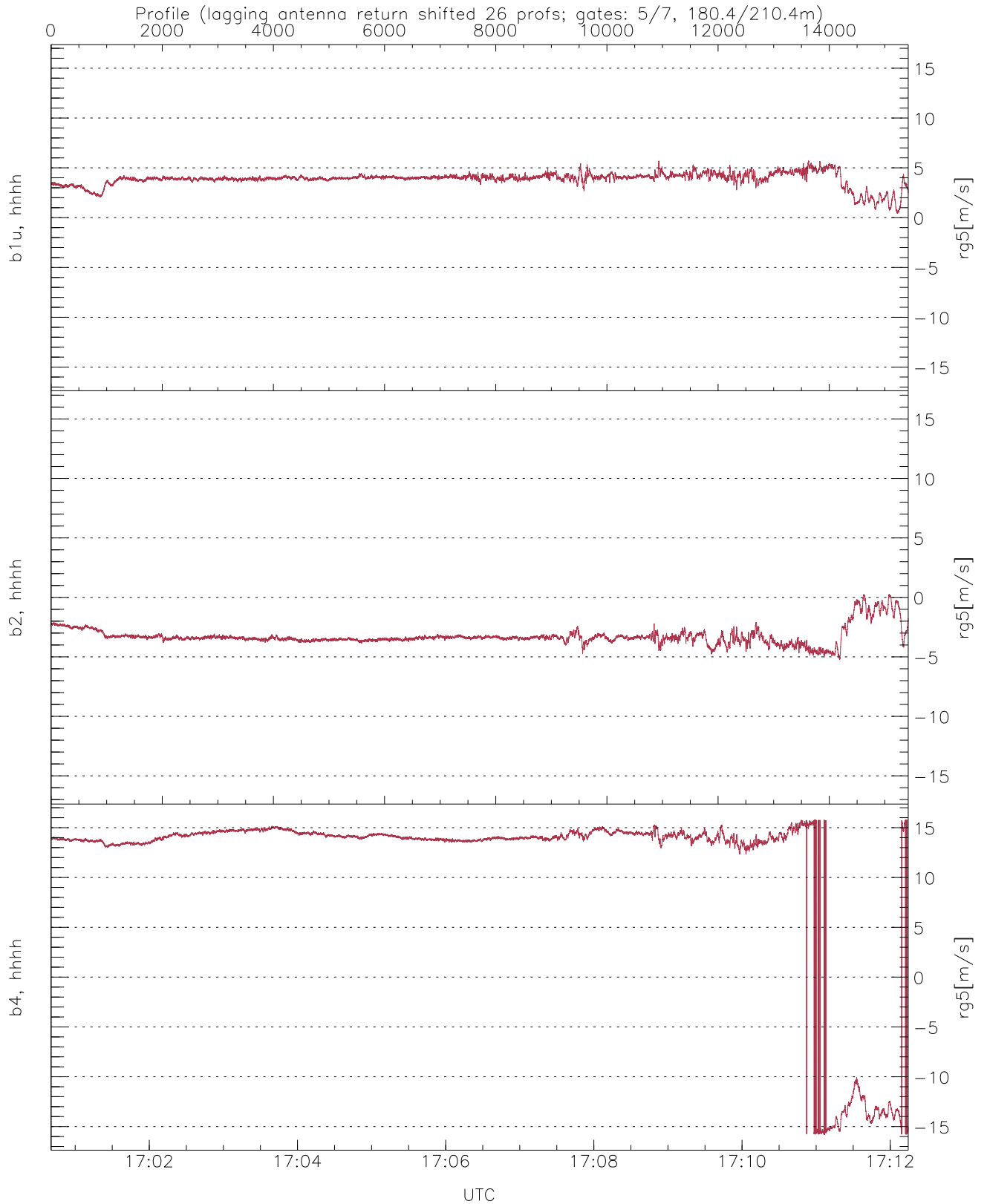
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-26.71	-10.70	-19.87
down(hh[dBm])	-26.44	-8.52	-19.16
down-fore(hh[dBm])	-30.79	-14.87	-23.55



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

	Min	Max	Mean
up/down (dB)	-9.03	7.27	-0.77
down/down-fore (dB)	-0.10	16.02	5.58



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.39	5.71	3.86	0.71
b2, hhhh(rg5[m/s])	-5.22	0.30	-3.28	0.75
b4, hhhh(rg5[m/s])	-15.79	15.79	11.31	8.45