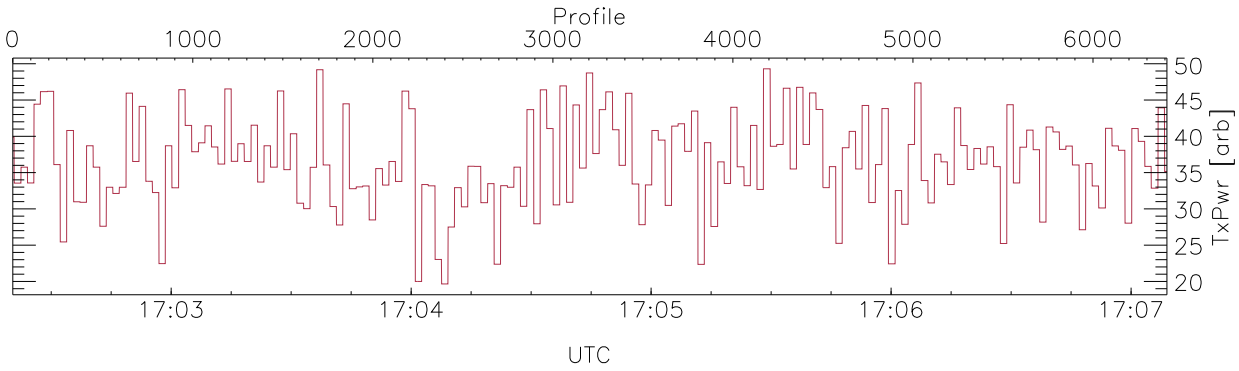
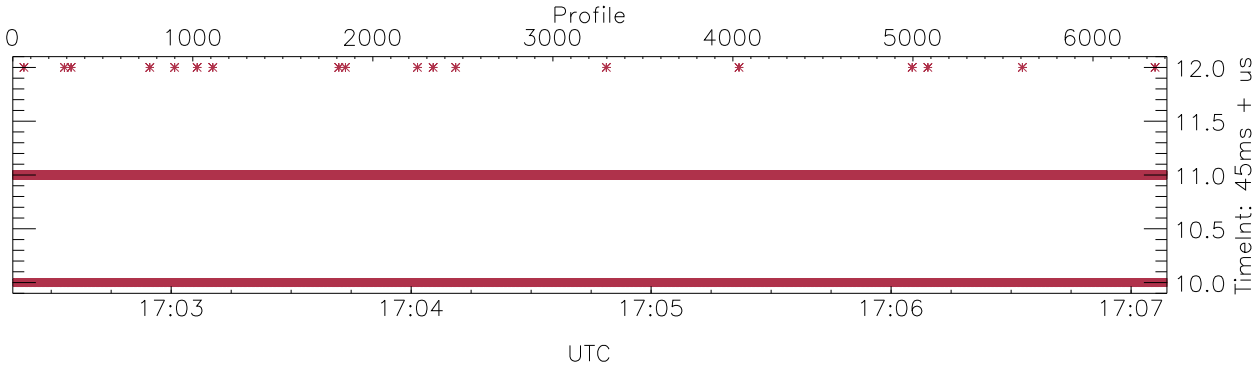
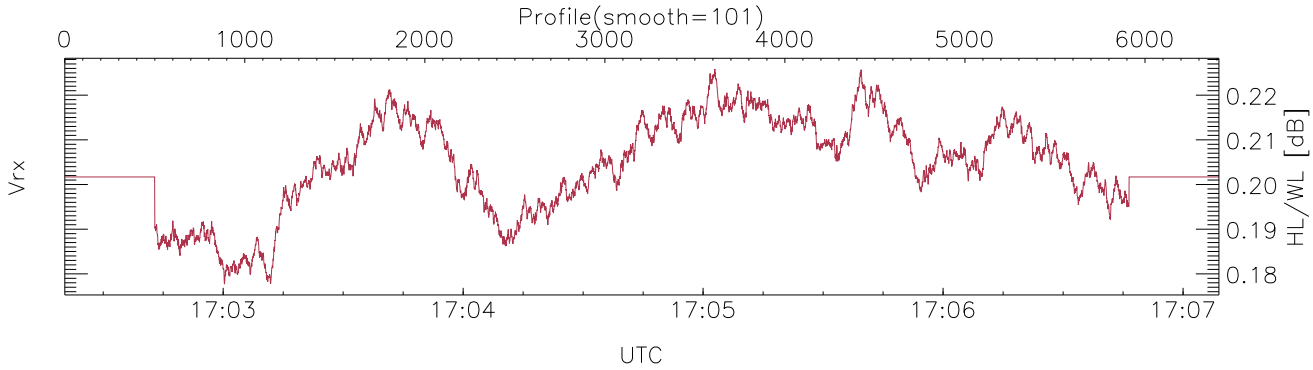
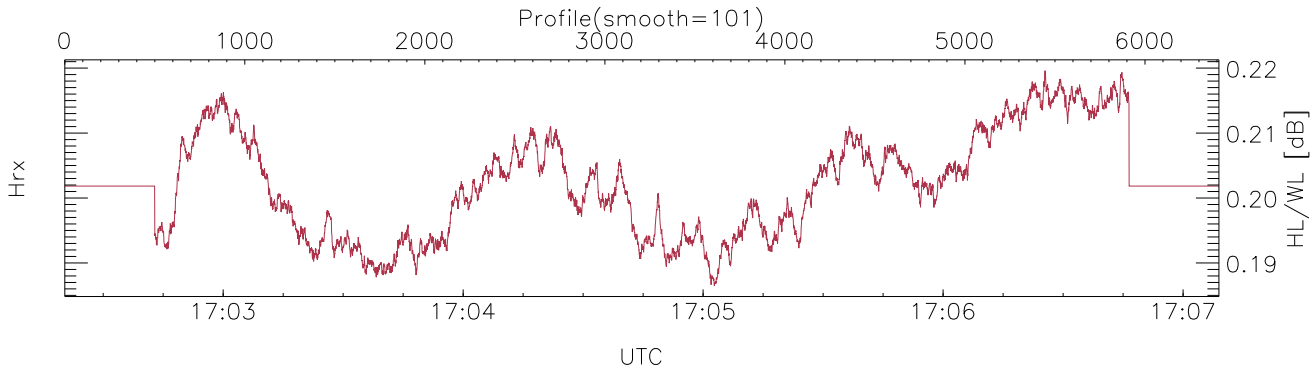


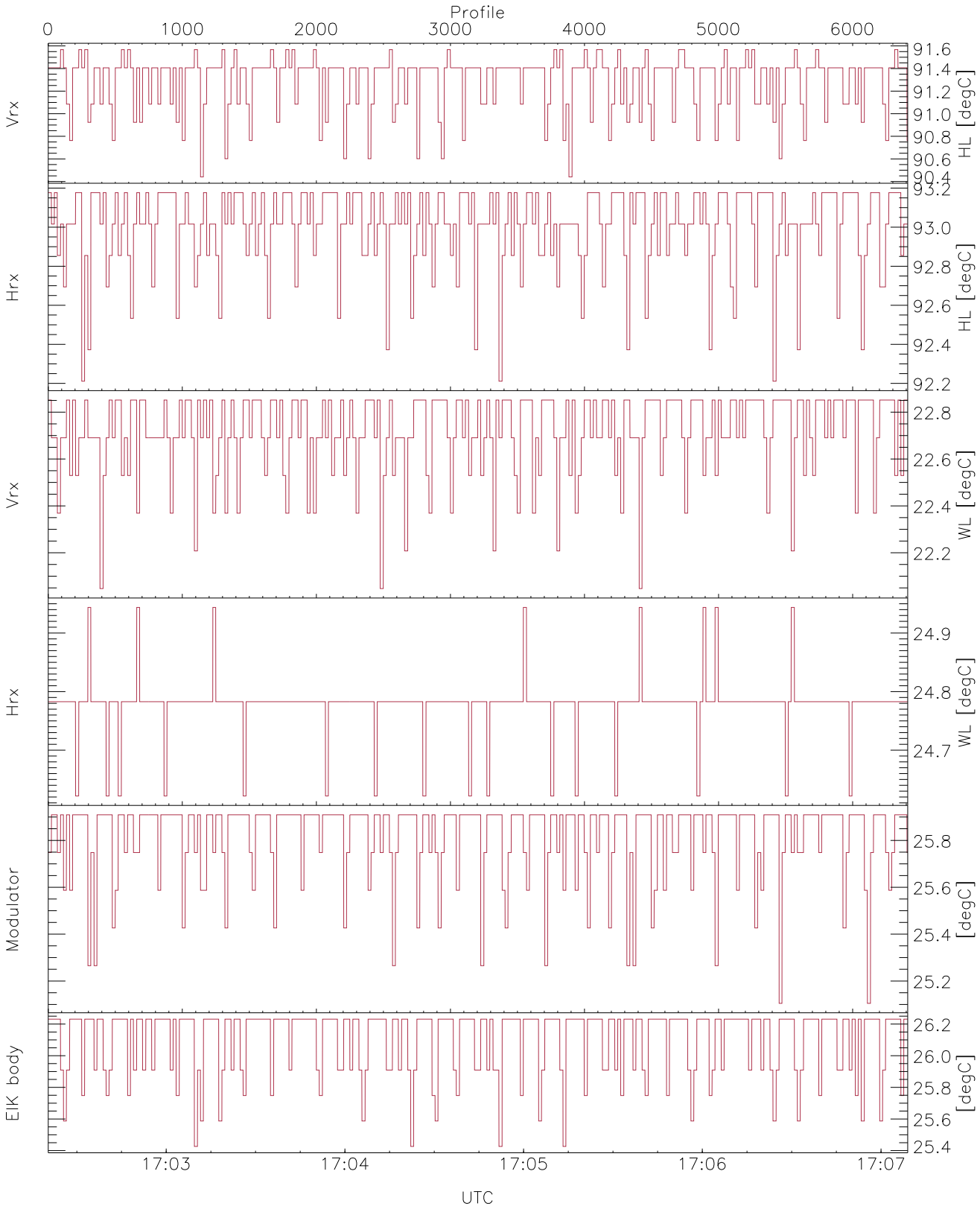






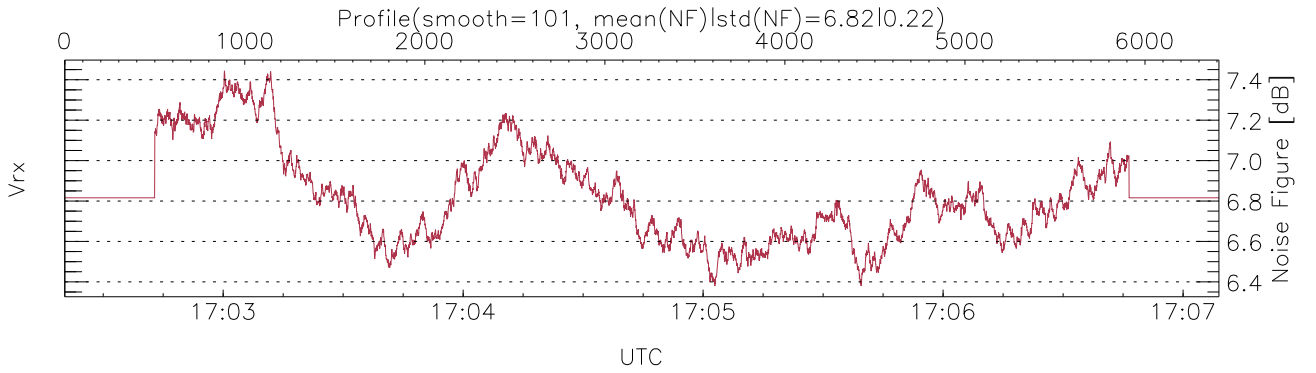
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

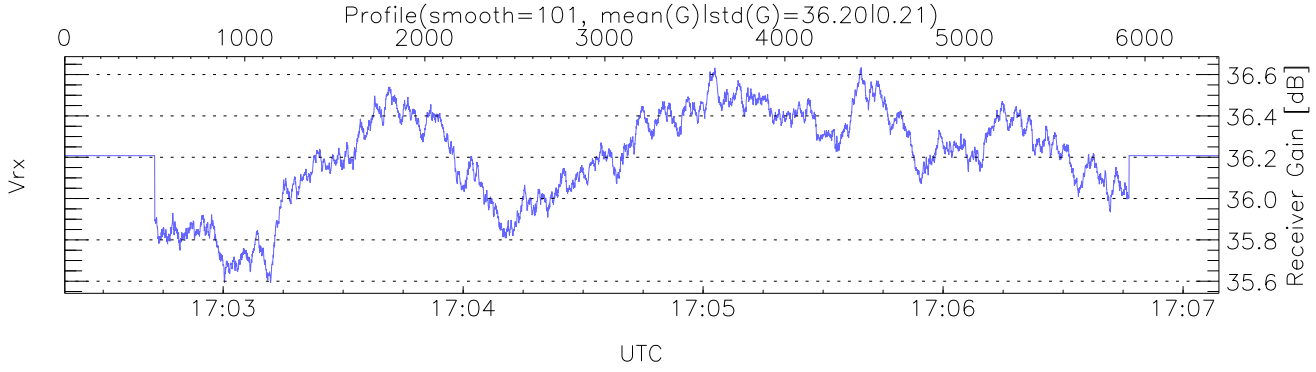
UTC: 17:02:20-17:07:09, TimeCor: 0.00s, Dur: 288.57s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 6412/6412, 0-6411/17:02:20-17:07:09
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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

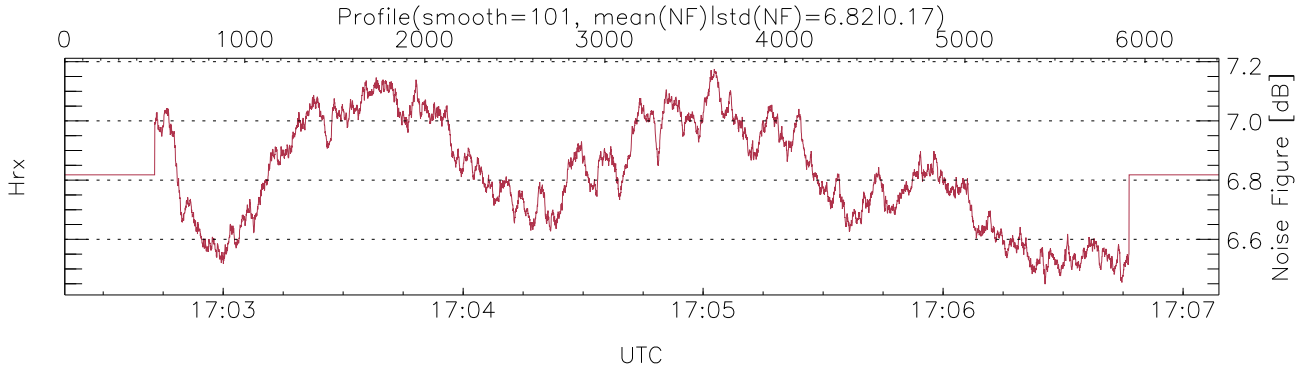


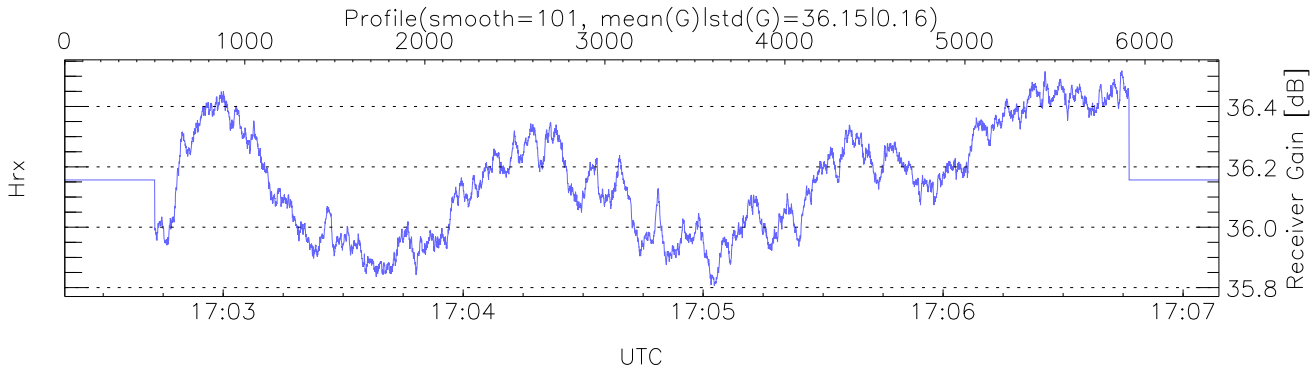
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,22,24,25,26
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
BodyCurr,DeckF,OverDuty (24,24,24)



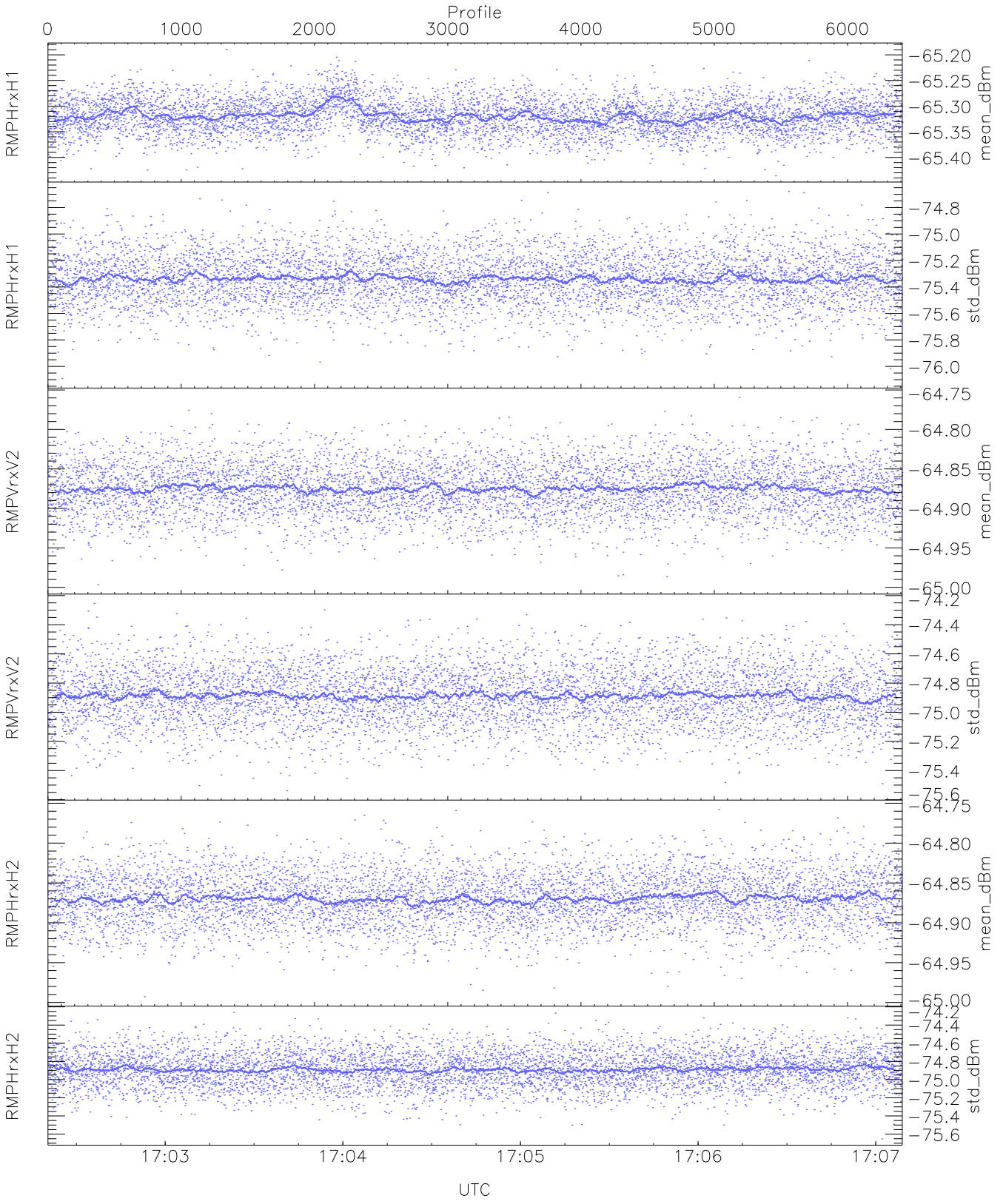






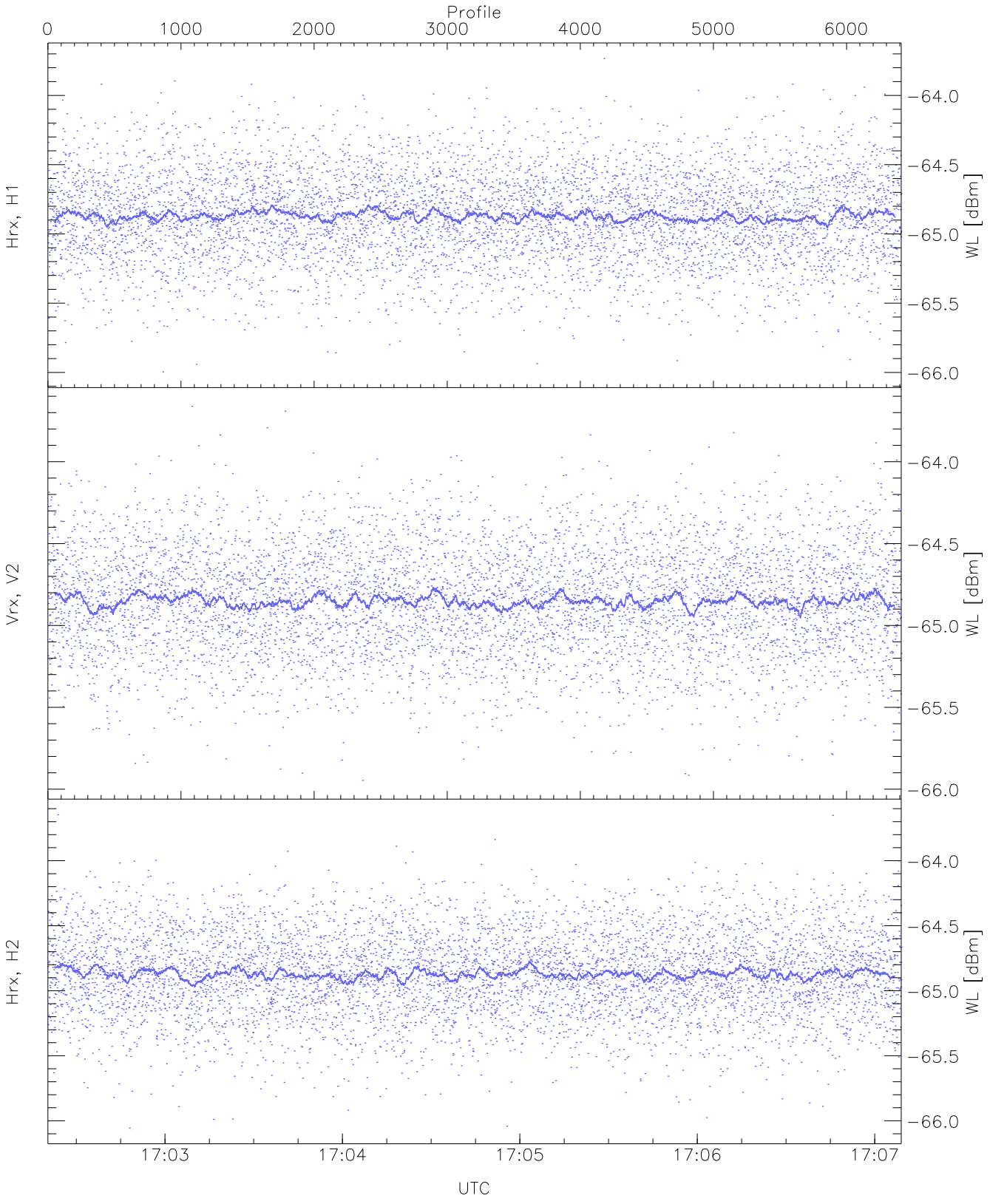
WCR3 CPP Receivers Gain and Noise Figure

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



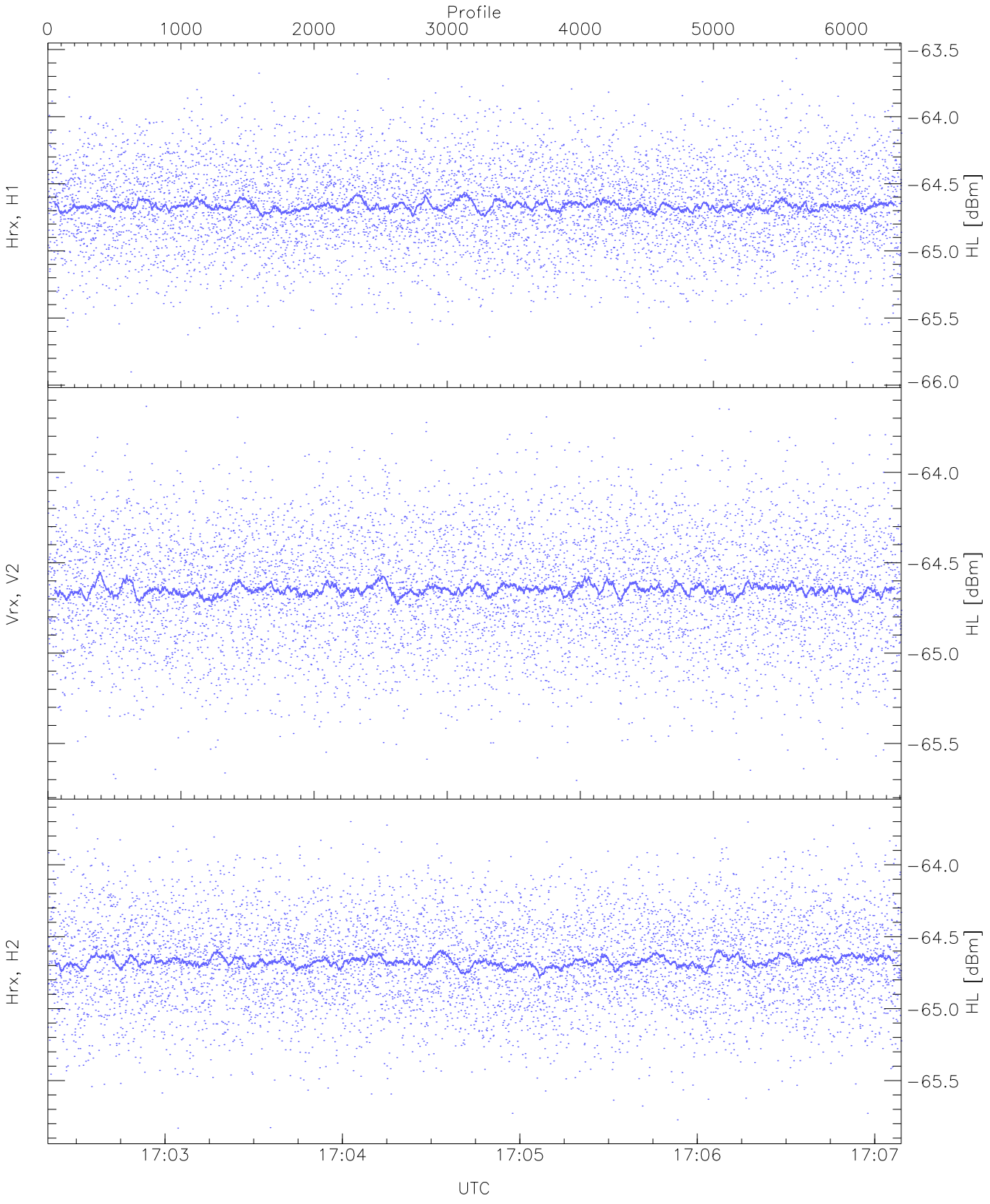
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.19	-65.32	-65.32	-86.68
RMPHrxH1(std_dBm)	-76.09	-74.68	-75.34	-75.34	-89.14
RMPVrxV2(mean_dBm)	-65.00	-64.76	-64.88	-64.88	-86.42
RMPVrxV2(std_dBm)	-75.54	-74.25	-74.89	-74.89	-88.68
RMPHrxH2(mean_dBm)	-64.99	-64.76	-64.87	-64.87	-86.42
RMPHrxH2(std_dBm)	-75.65	-74.26	-74.89	-74.89	-88.66



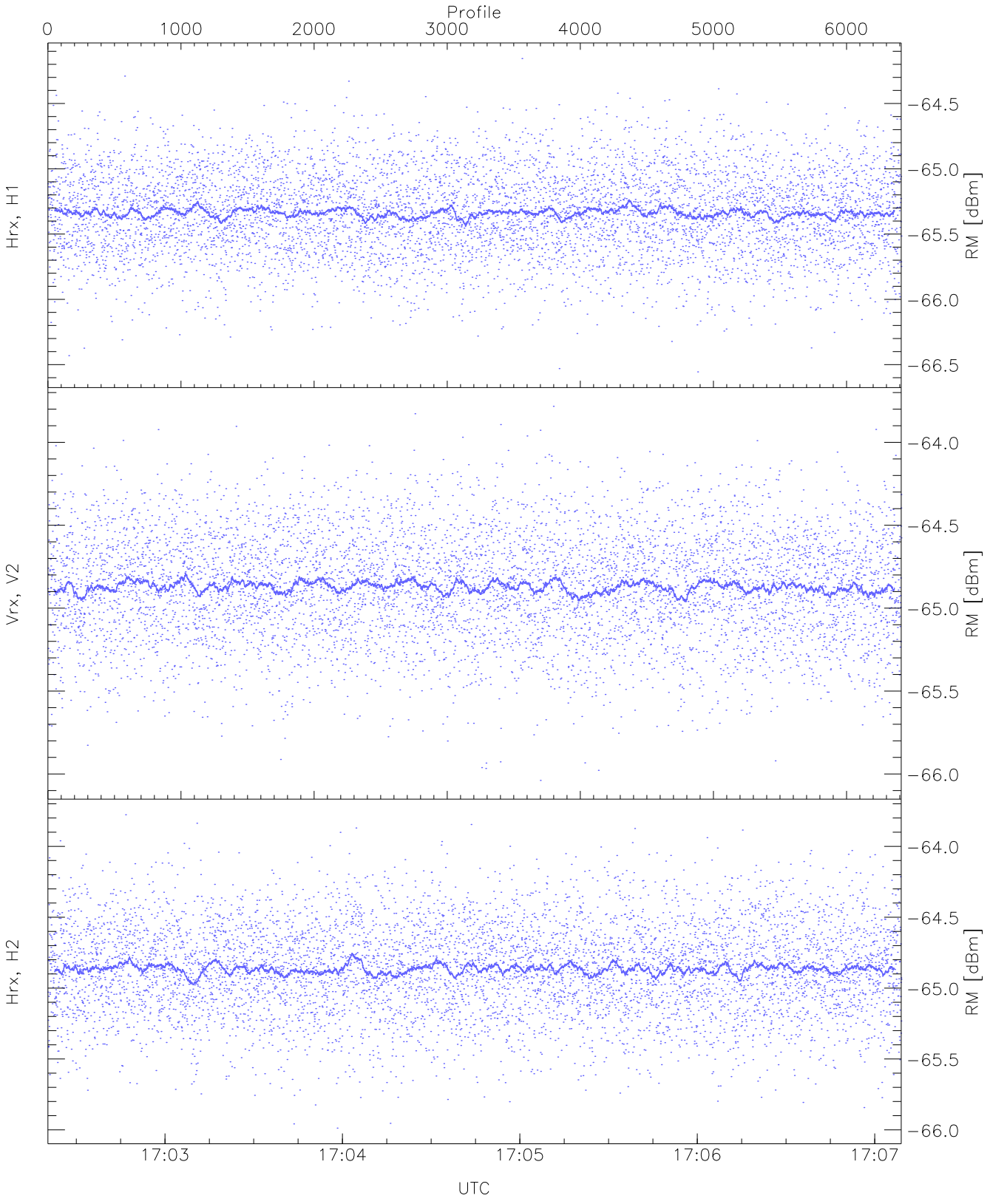
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.00	-63.73	-64.86	-64.87	-76.41
Vrx, V2(WL [dBm])	-65.95	-63.66	-64.84	-64.85	-76.33
Hrx, H2(WL [dBm])	-66.06	-63.65	-64.86	-64.87	-76.37



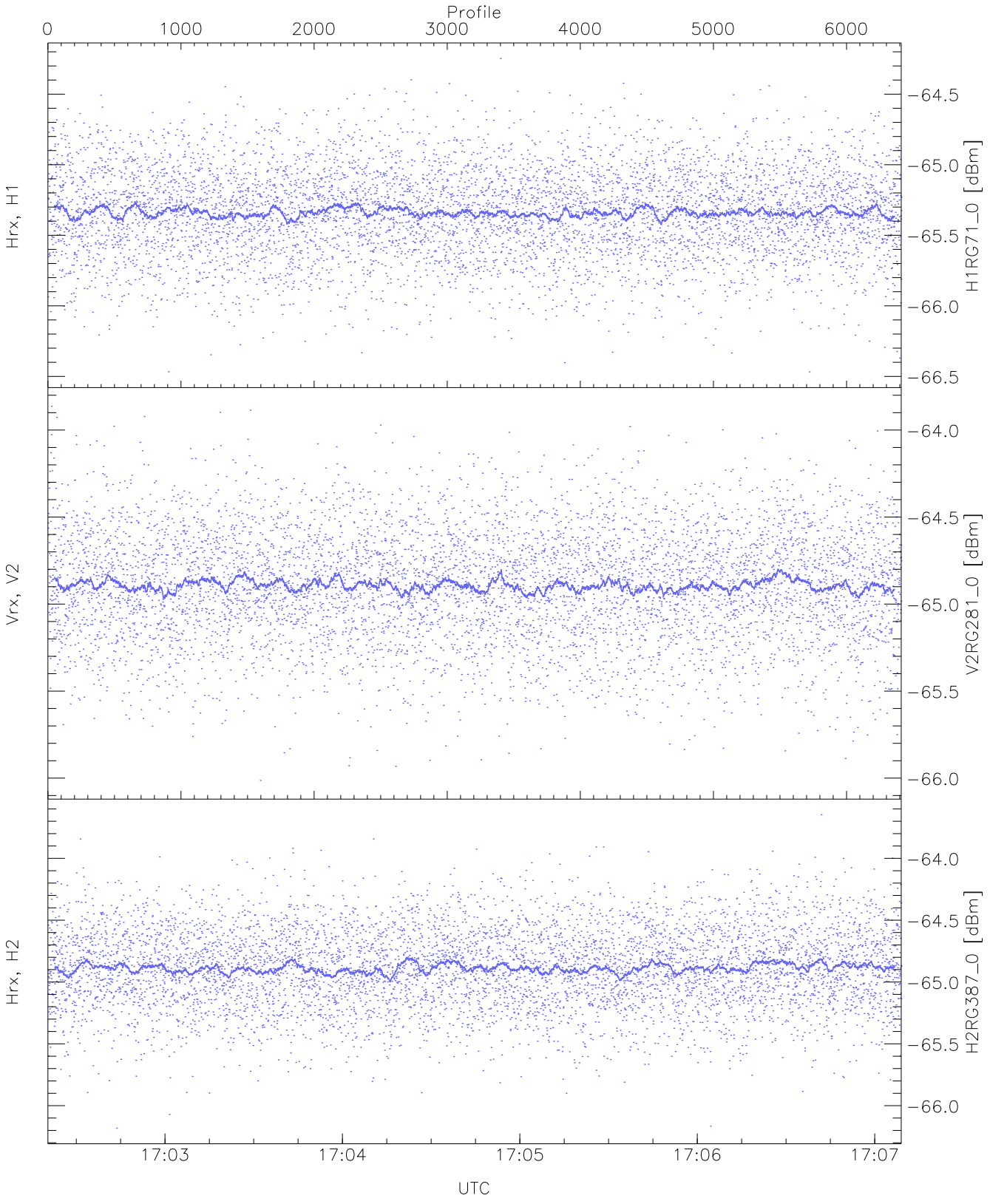
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.90	-63.57	-64.66	-64.66	-76.16
Vrx, V2(HL [dBm])	-65.70	-63.63	-64.64	-64.65	-76.19
Hrx, H2(HL [dBm])	-65.83	-63.65	-64.66	-64.67	-76.17



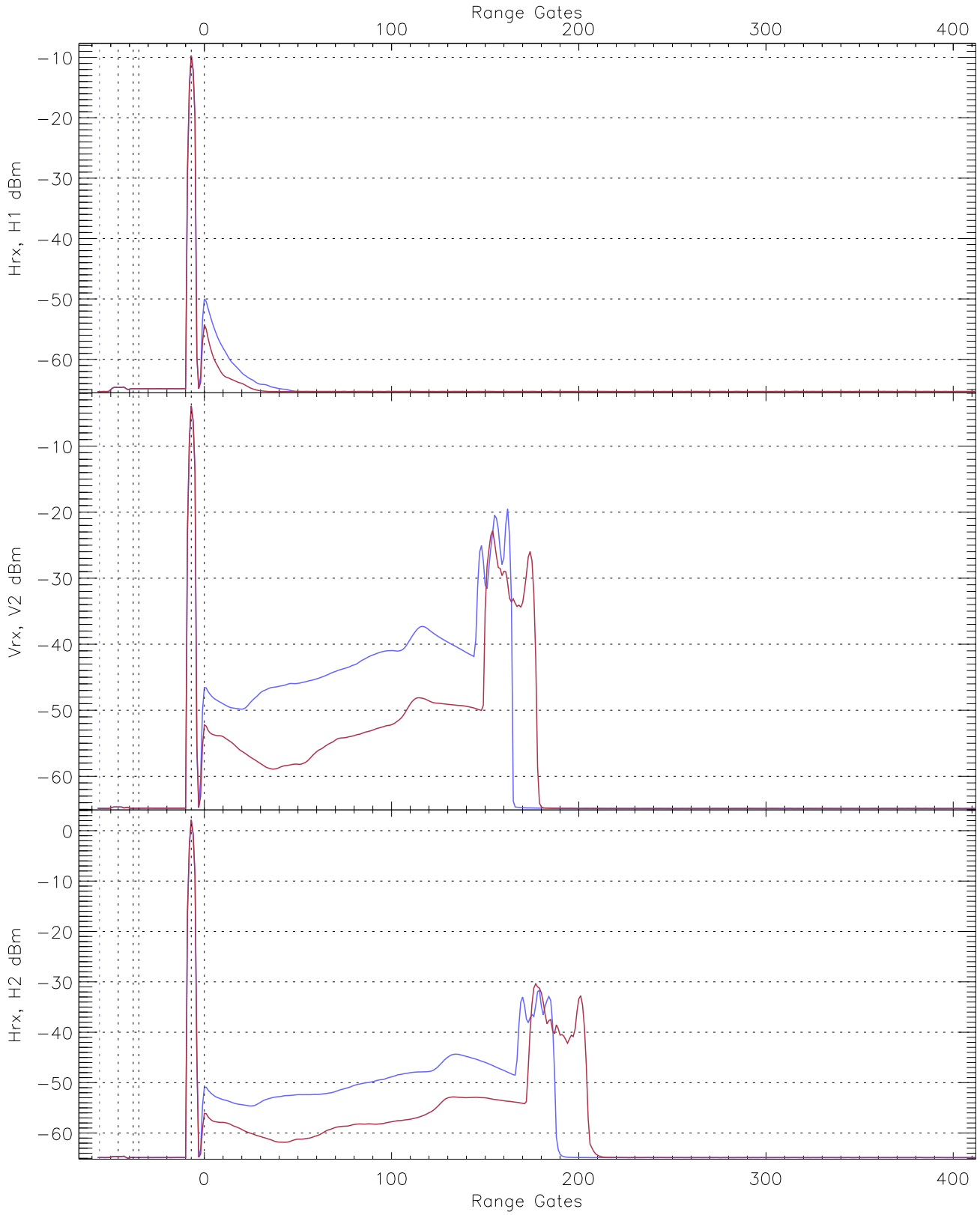
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.56	-64.16	-65.33	-65.34	-76.80
Vrx, V2(RM [dBm])	-66.04	-63.78	-64.86	-64.87	-76.38
Hrx, H2(RM [dBm])	-65.99	-63.78	-64.86	-64.86	-76.30

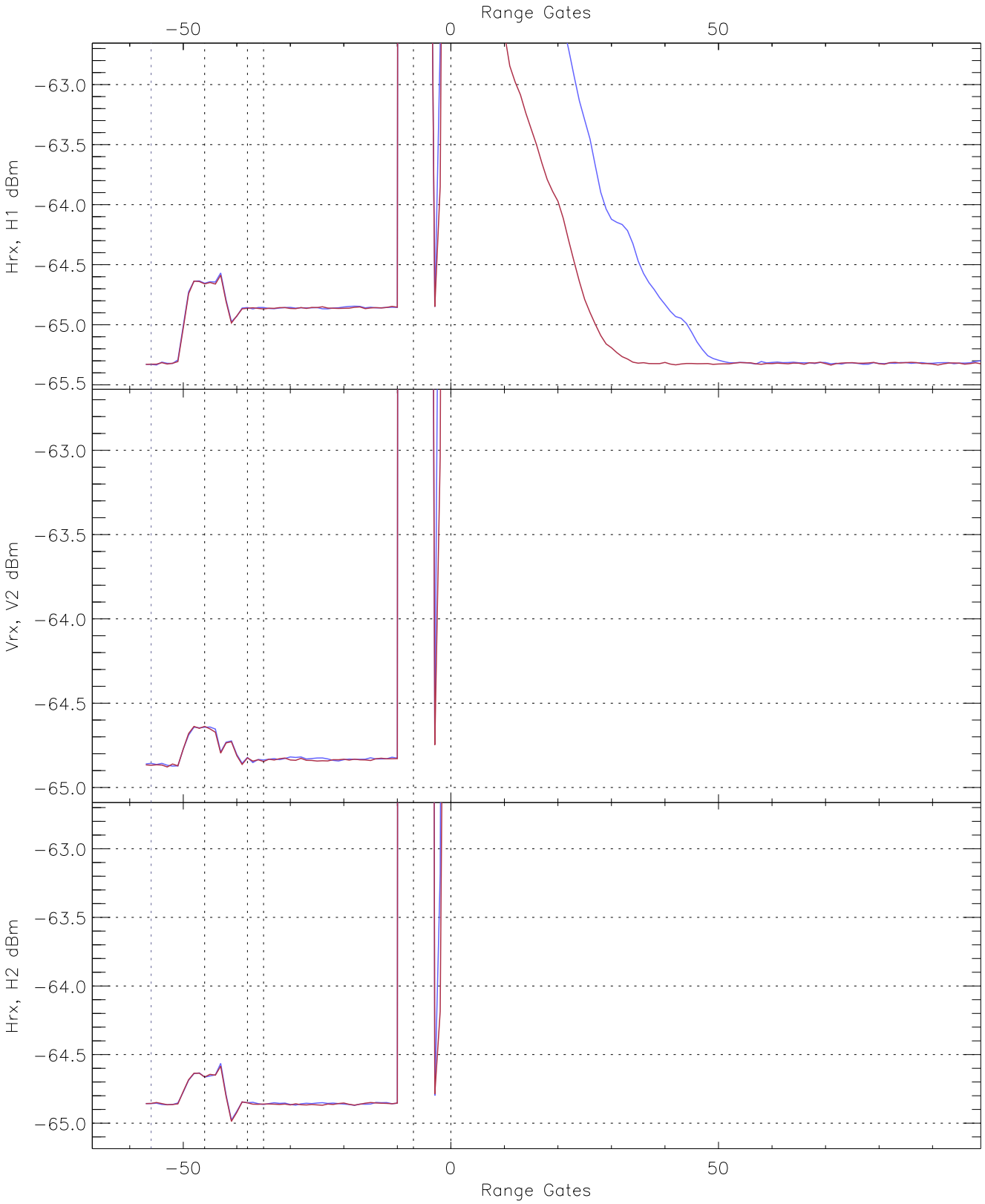


WCR3 CPP "Best" estimate Receivers Noise Power

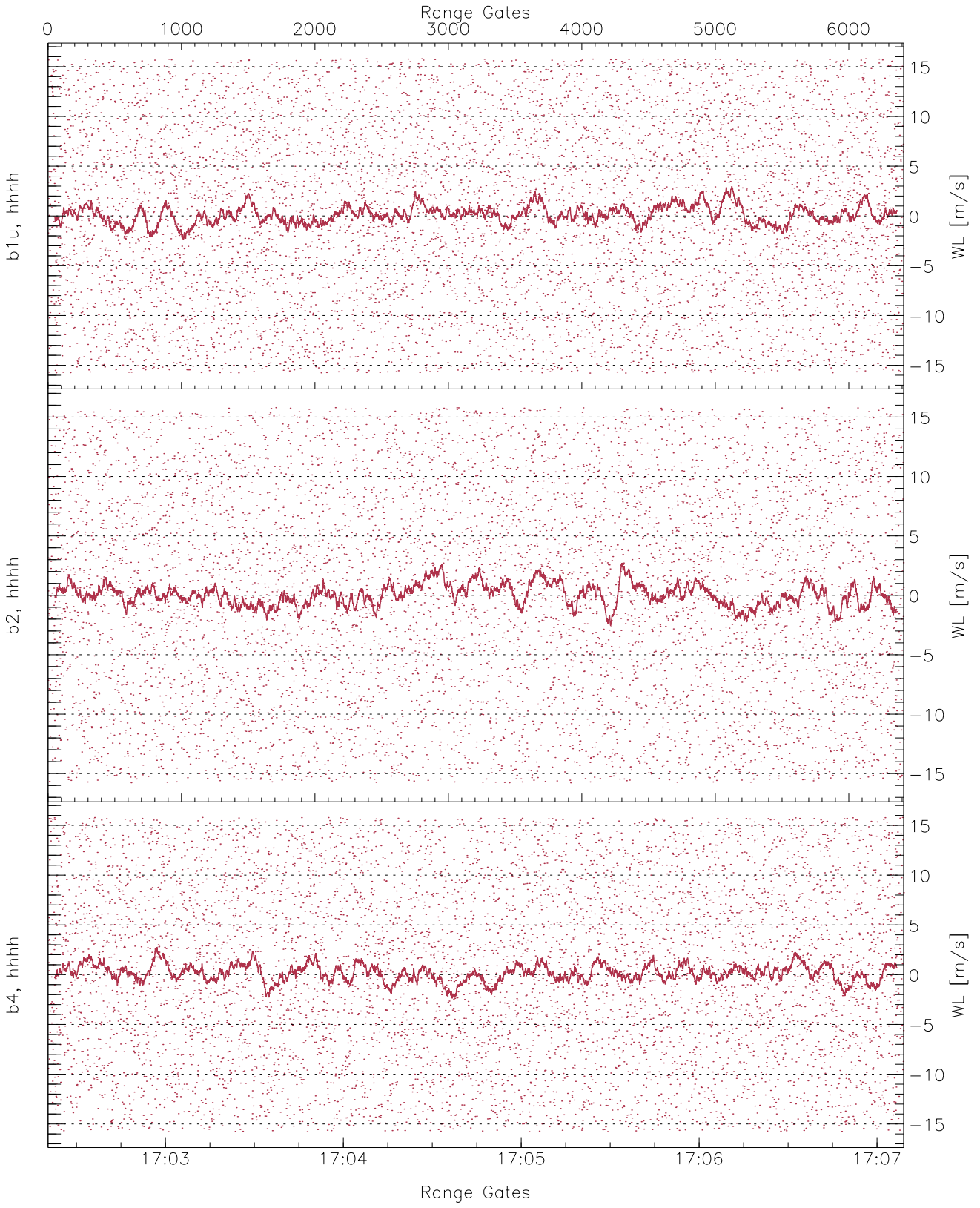
	Min	Max	Mean	Median	StDev
H1RG71_0 [dBm]	-66.47	-64.25	-65.33	-65.33	-76.89
V2RG281_0 [dBm]	-66.01	-63.86	-64.88	-64.89	-76.40
H2RG387_0 [dBm]	-66.18	-63.65	-64.88	-64.89	-76.32



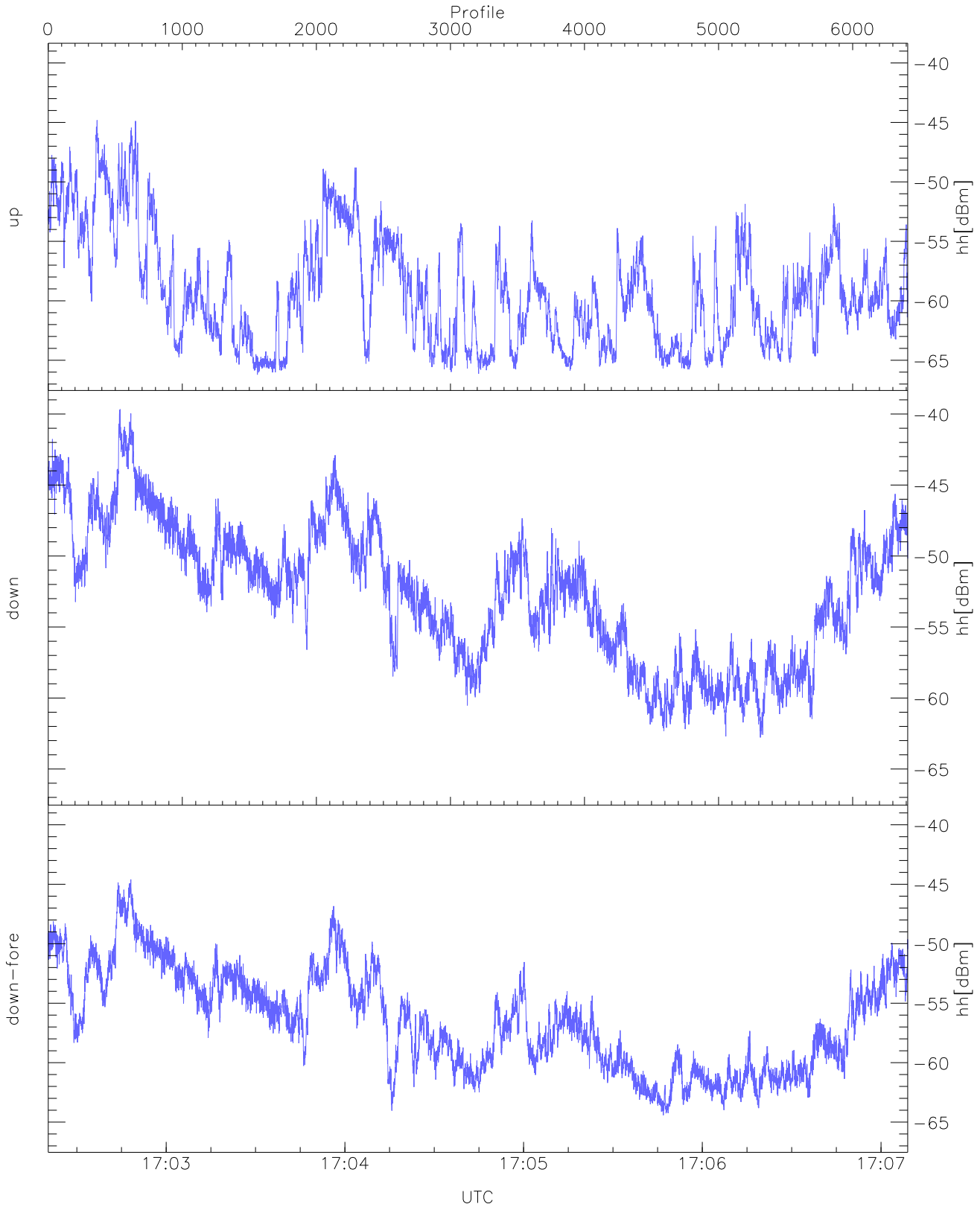
WCR3 CPP Averaged Received power for all recorded gates
blue: 170220-170445, 3207 profiles averaged
red: 170445-170709, 3206 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 170220-170445, 3207 profiles averaged
red: 170445-170709, 3206 profiles averaged

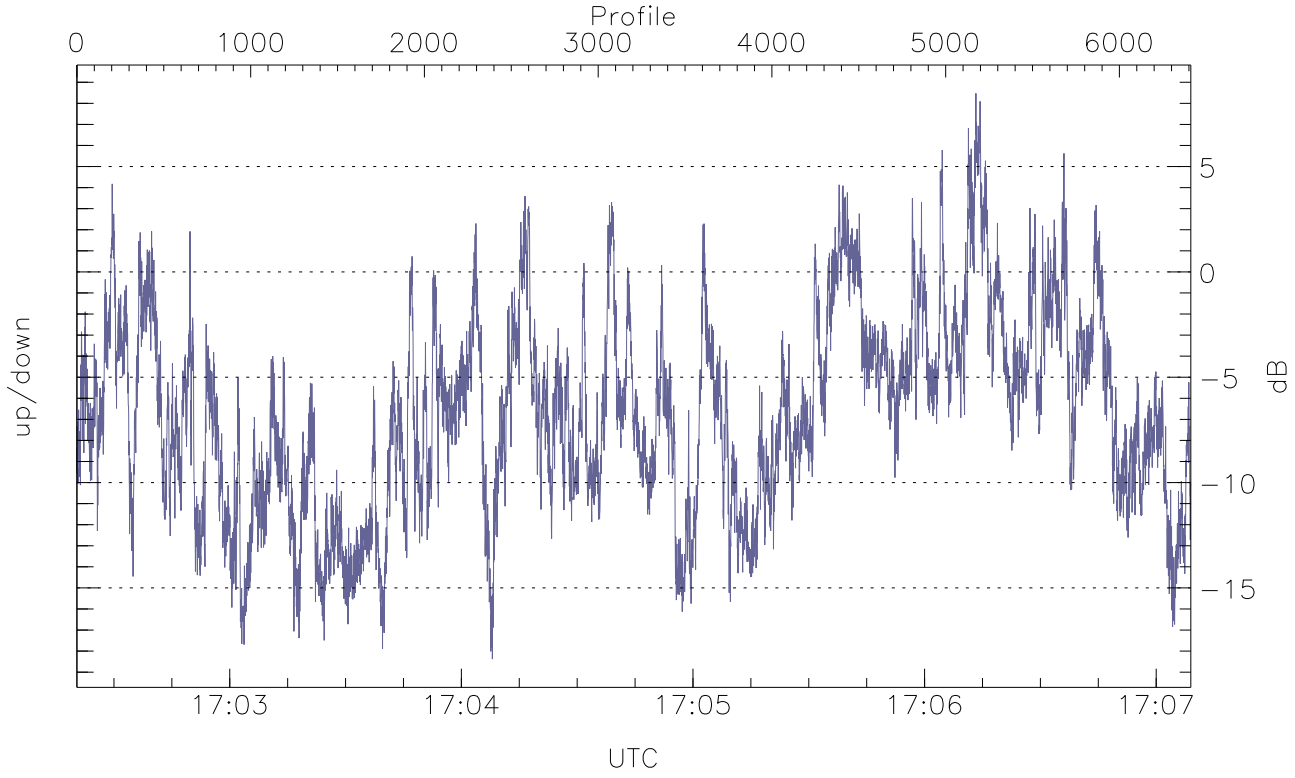


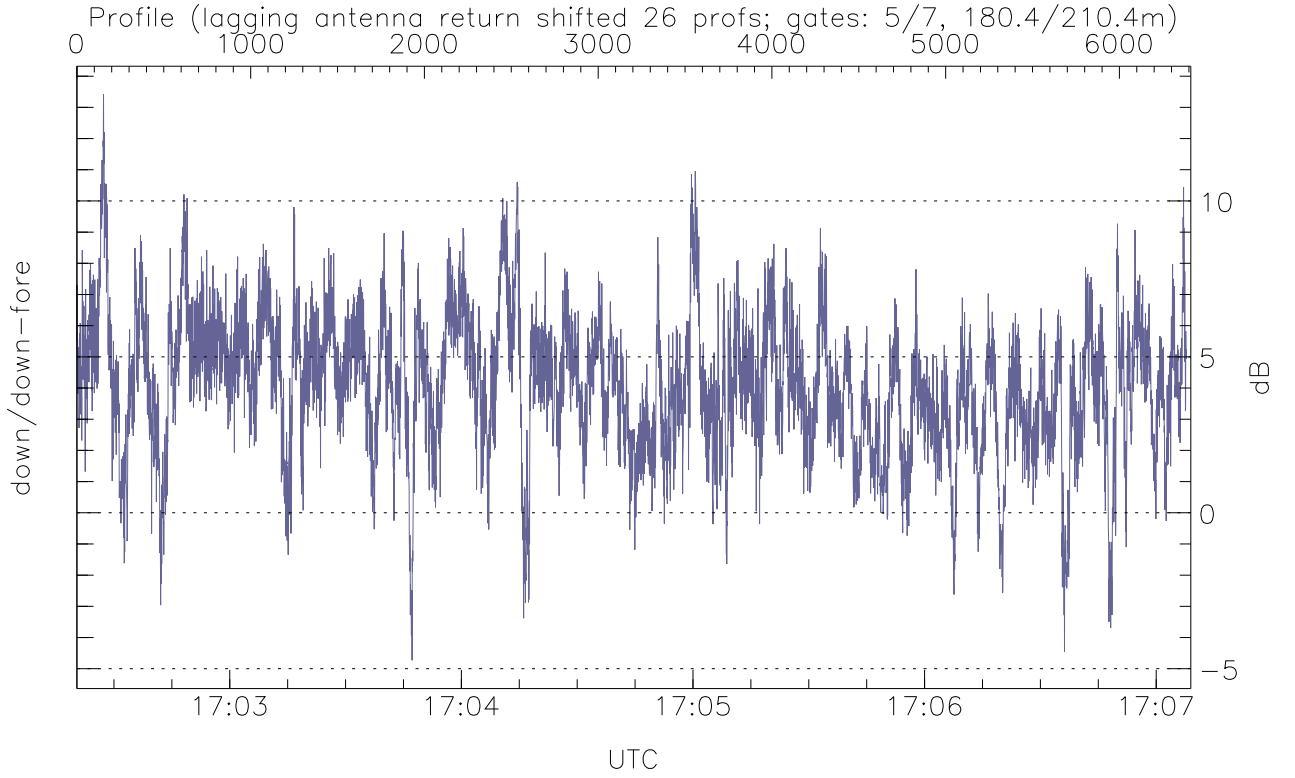
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

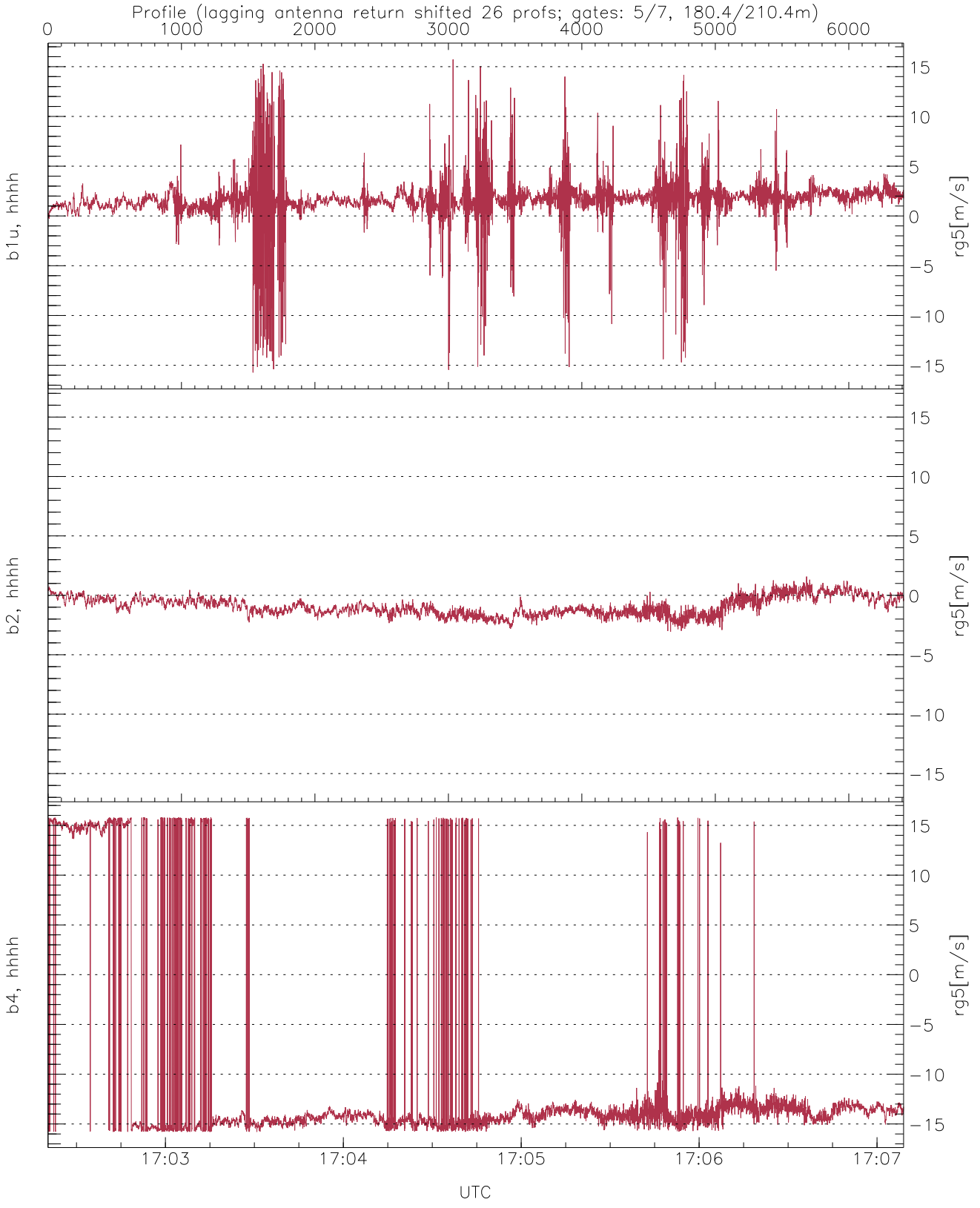
	Min	Max	Mean
up(hh[dBm])	-66.21	-44.82	-56.47
down(hh[dBm])	-62.78	-39.67	-50.11
down-fore(hh[dBm])	-64.42	-44.59	-54.37





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

	Min	Max	Mean
up/down(dB)	-18.38	8.48	-6.69
down/down-fore(dB)	-4.73	13.41	4.10



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.73	15.72	1.56	2.29
b2, hhhh(rg5[m/s])	-3.06	1.58	-0.92	0.76
b4, hhhh(rg5[m/s])	-15.79	15.79	-10.30	10.07