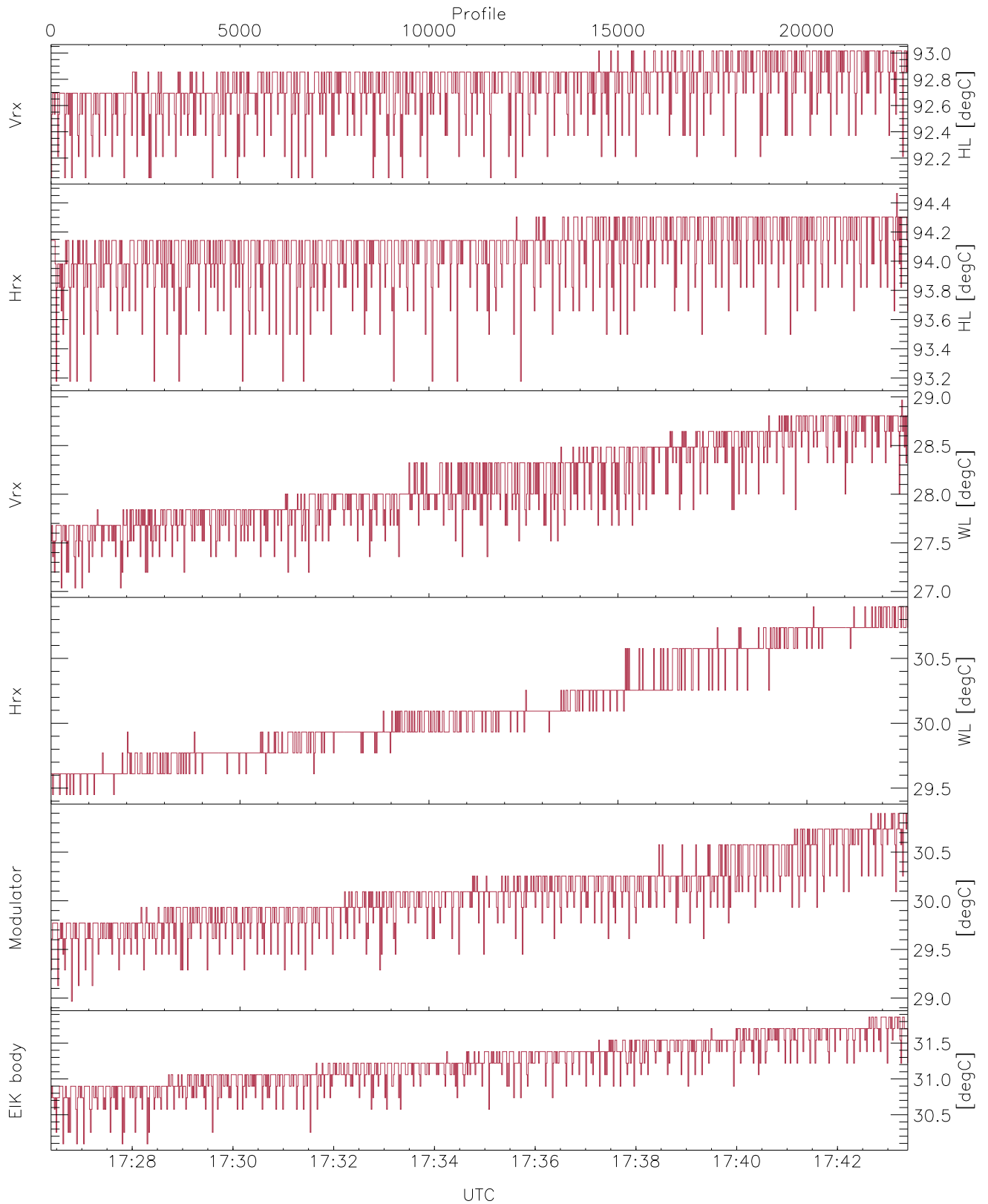


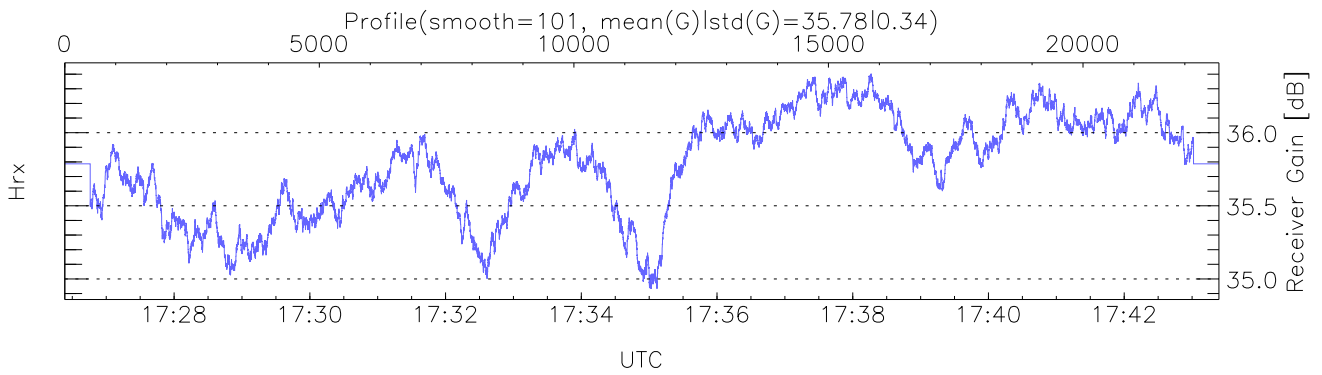
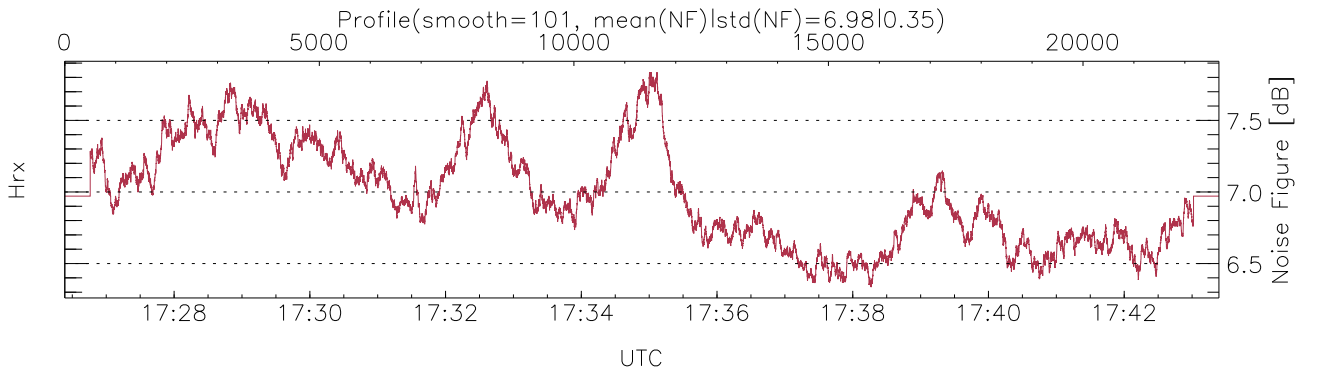
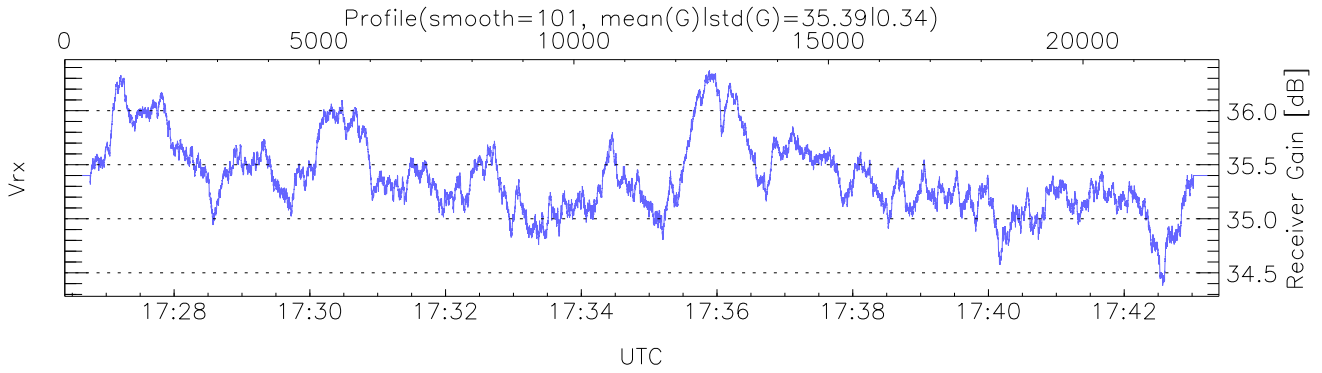
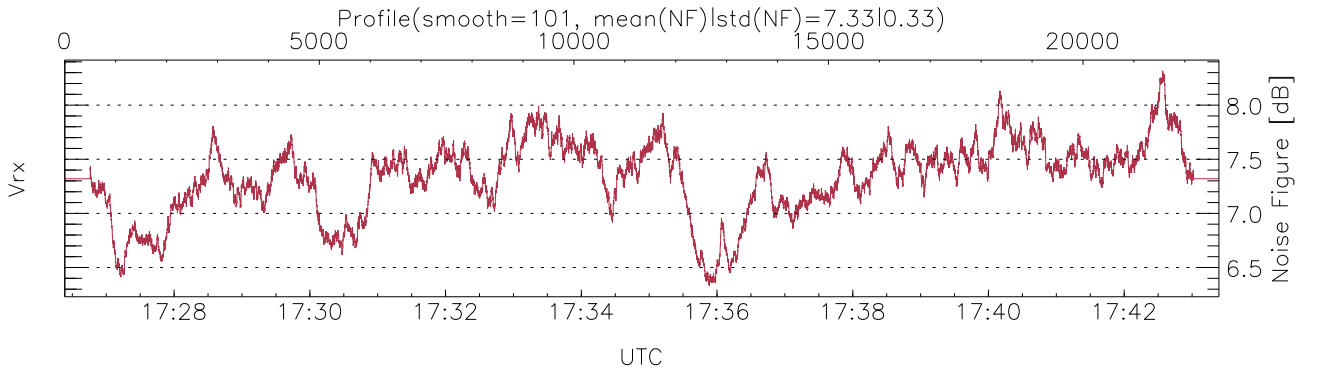
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:26:23-17:43:24, 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, 0-22671/17:26:23-17:43:24
 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



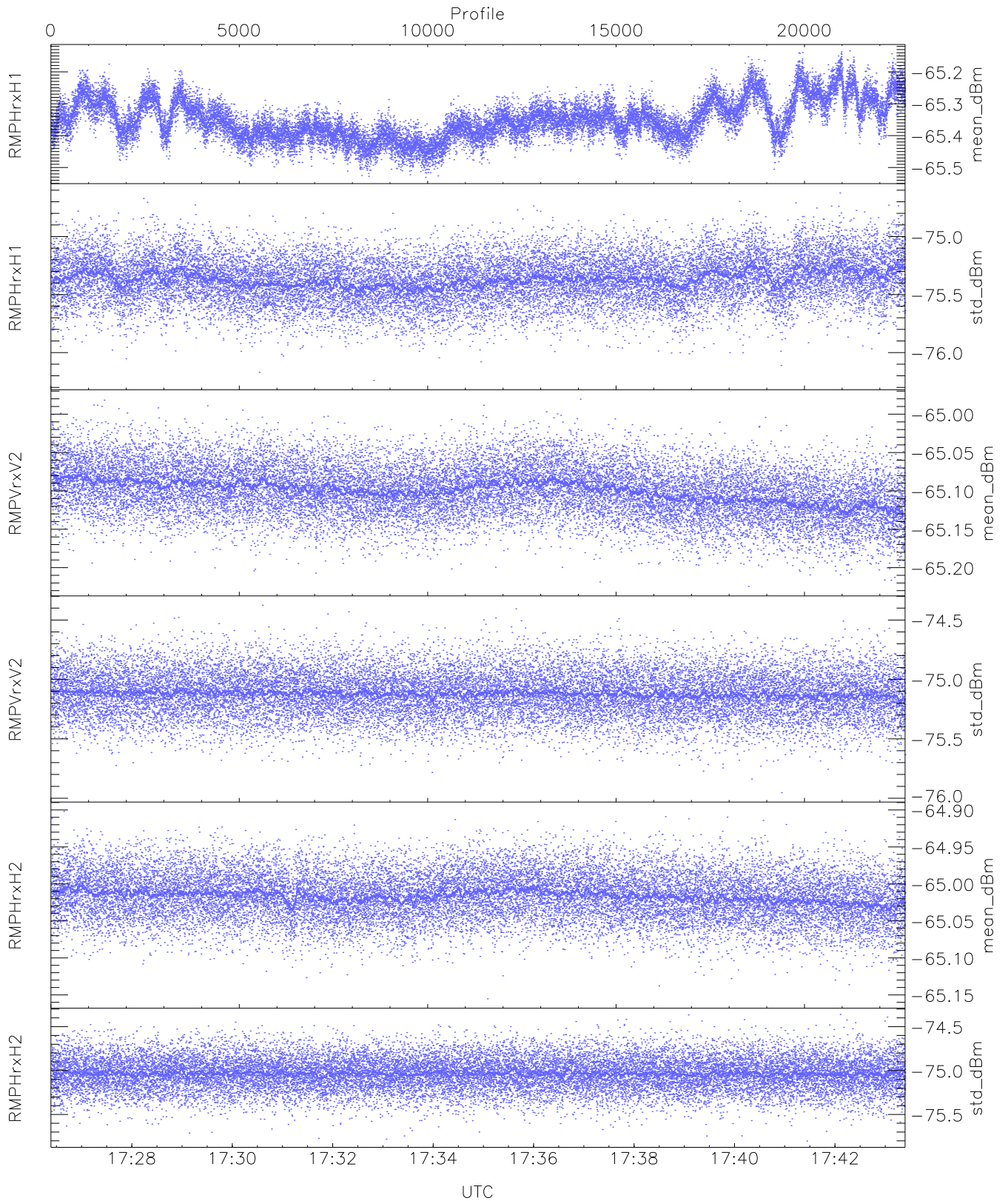
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,28,30`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,28,30,30,31`
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`
`EIK Faults(# prof affected):`
`BodyCurr,DeckF,OverDuty,HVPS (22,44,44,22)`



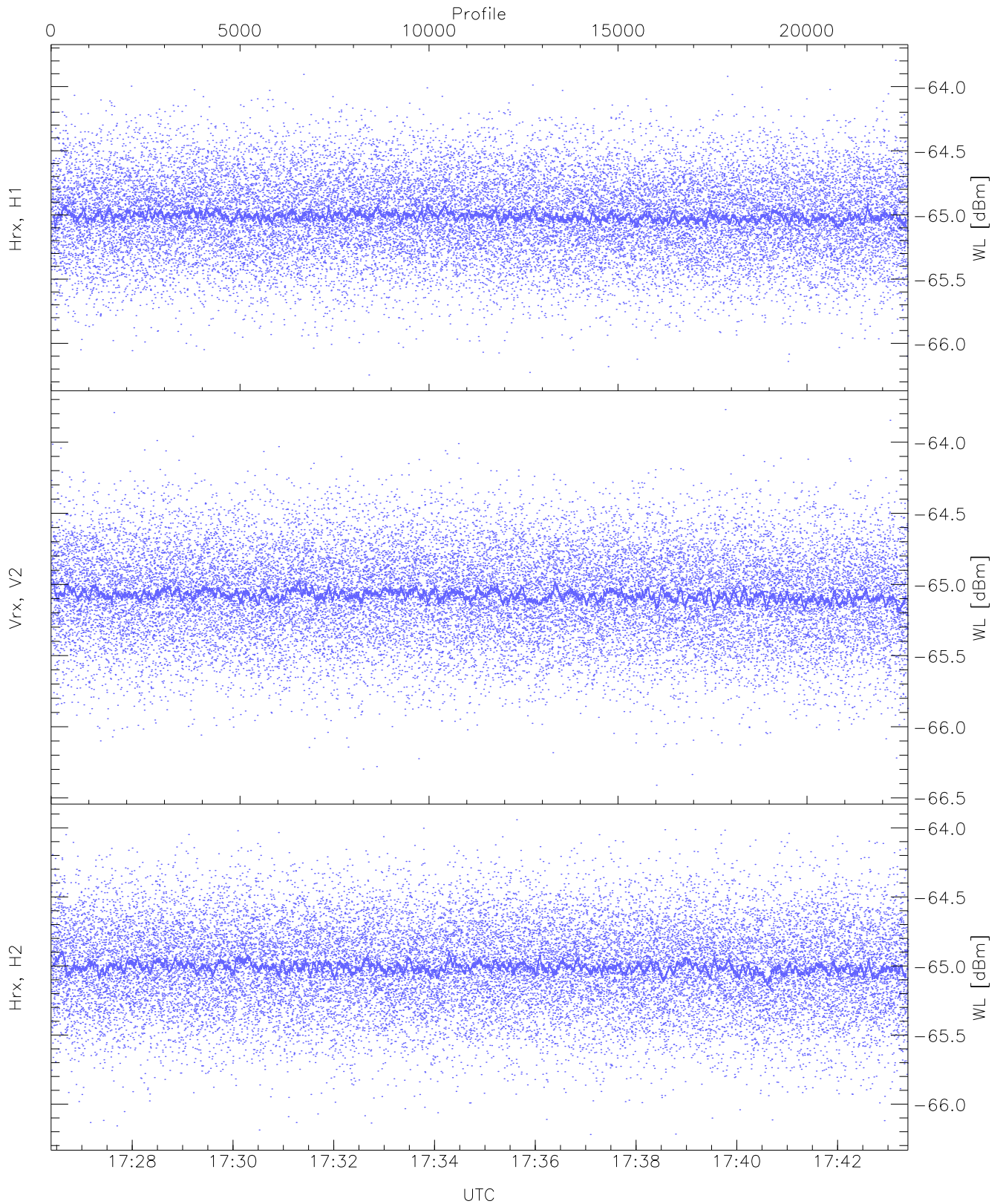
WCR3 CPP Receivers Gain and Noise Figure

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



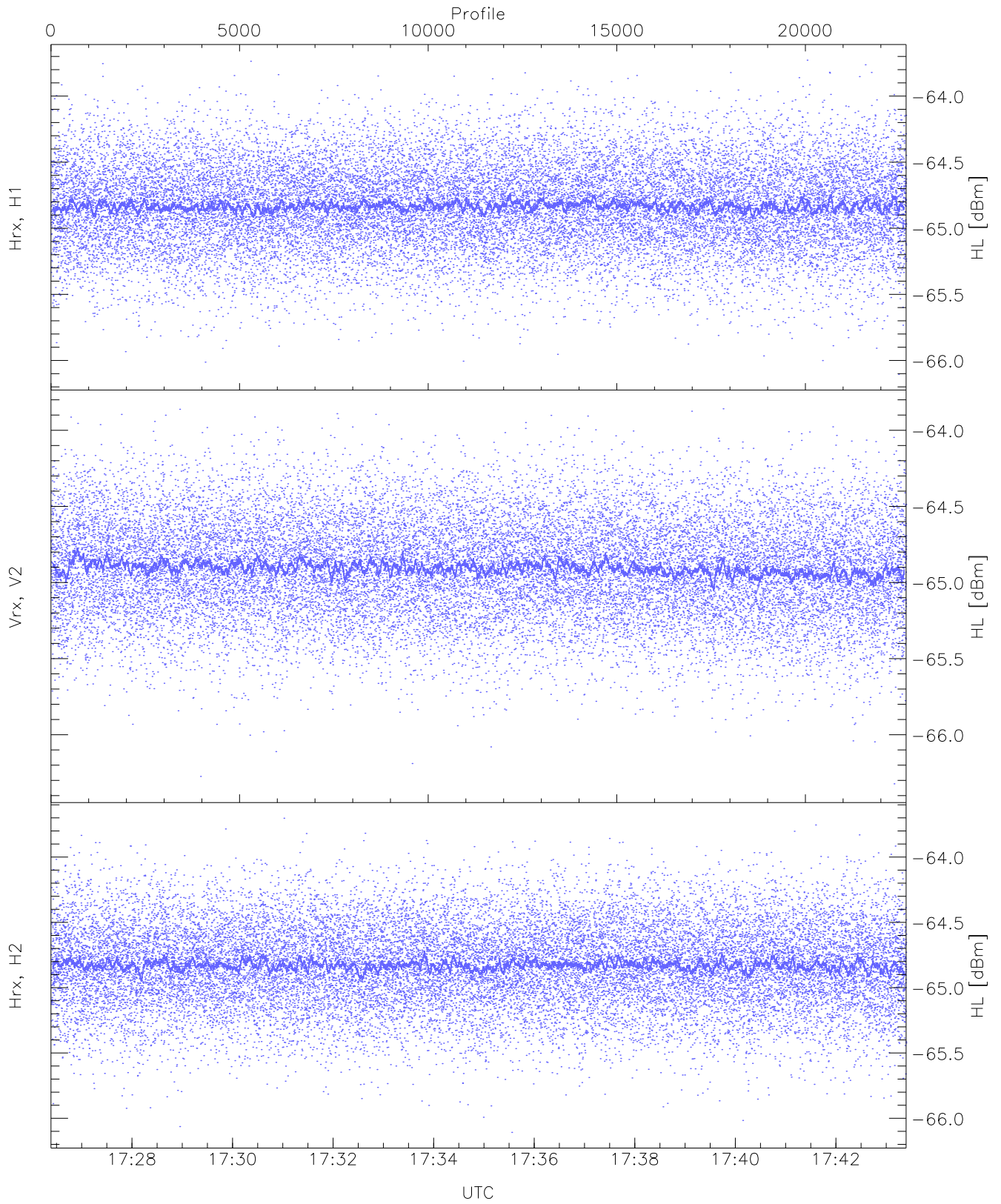
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.53	-65.13	-65.35	-65.35	-83.72
RMPHrxH1(std_dBm)	-76.24	-74.62	-75.36	-75.37	-88.95
RMPVrxV2(mean_dBm)	-65.22	-64.98	-65.10	-65.10	-86.38
RMPVrxV2(std_dBm)	-75.95	-74.38	-75.12	-75.12	-88.91
RMPHrxH2(mean_dBm)	-65.16	-64.90	-65.02	-65.02	-86.55
RMPHrxH2(std_dBm)	-75.80	-74.36	-75.03	-75.04	-88.83



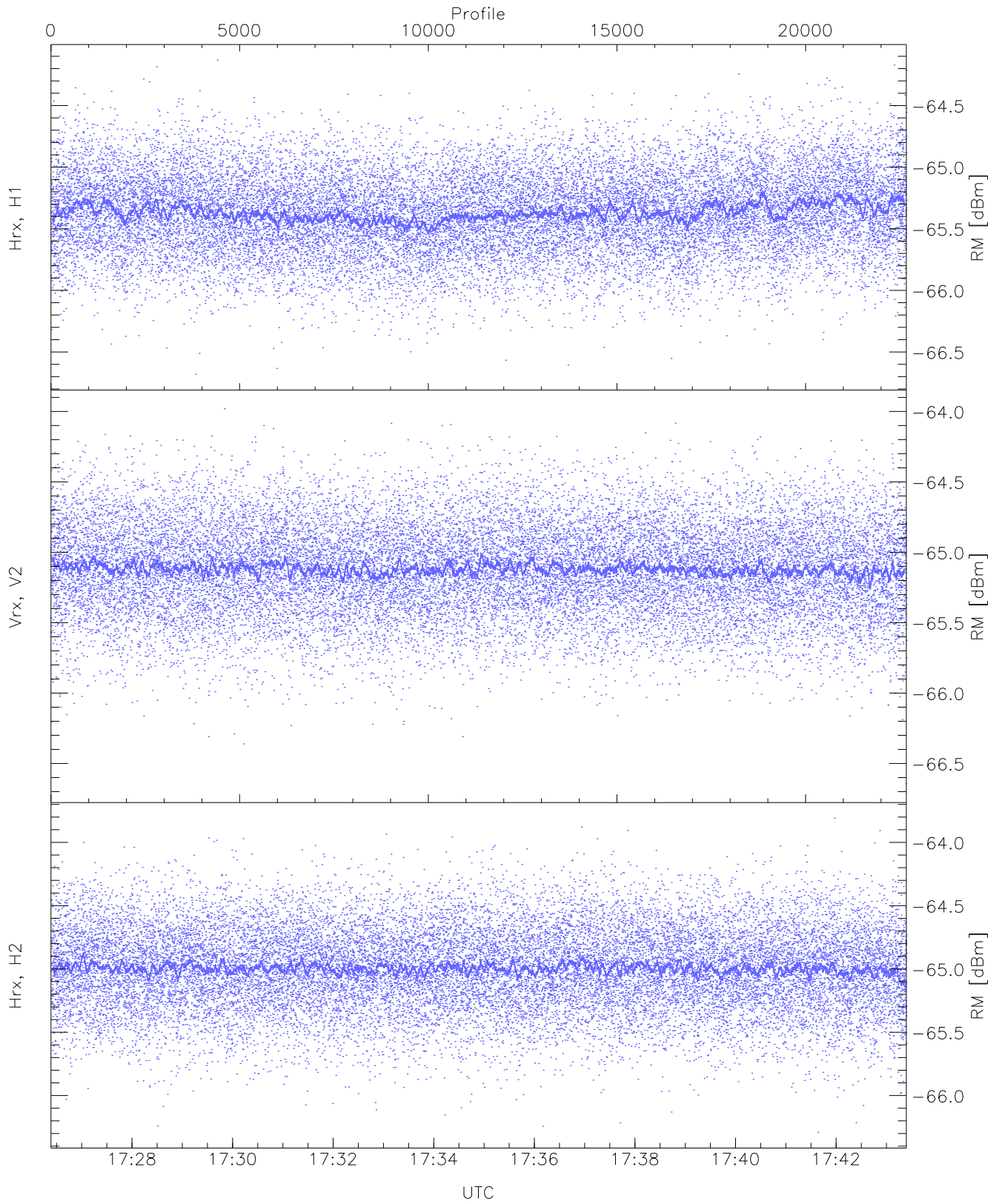
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.25	-63.80	-65.00	-65.01	-76.48
Vrx, V2 (WL [dBm])	-66.41	-63.77	-65.07	-65.07	-76.54
Hrx, H2 (WL [dBm])	-66.22	-63.94	-65.00	-65.01	-76.51



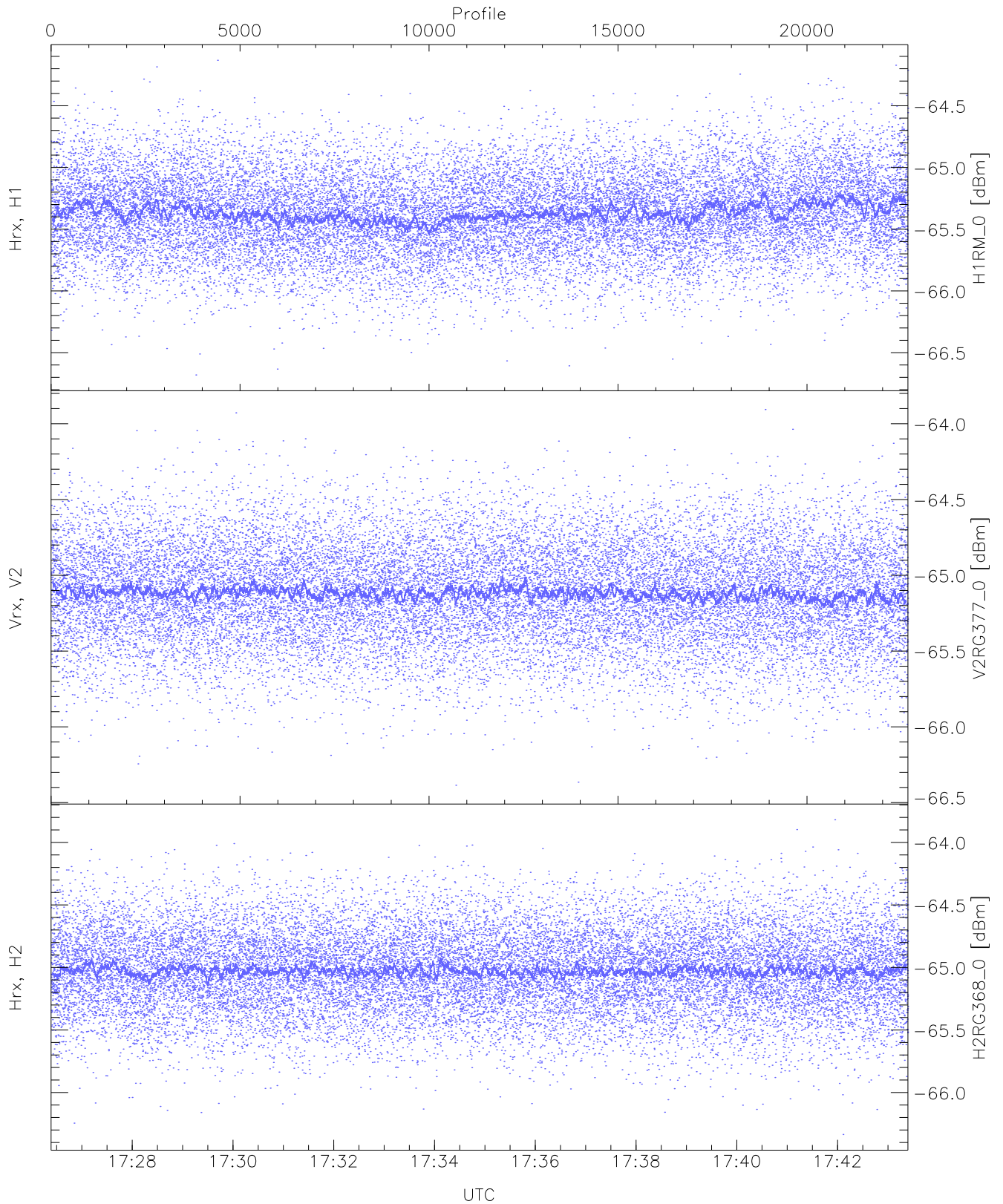
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.10	-63.73	-64.82	-64.83	-76.32
Vrx, V2 (HL [dBm])	-66.32	-63.86	-64.90	-64.91	-76.40
Hrx, H2 (HL [dBm])	-66.11	-63.70	-64.82	-64.83	-76.35



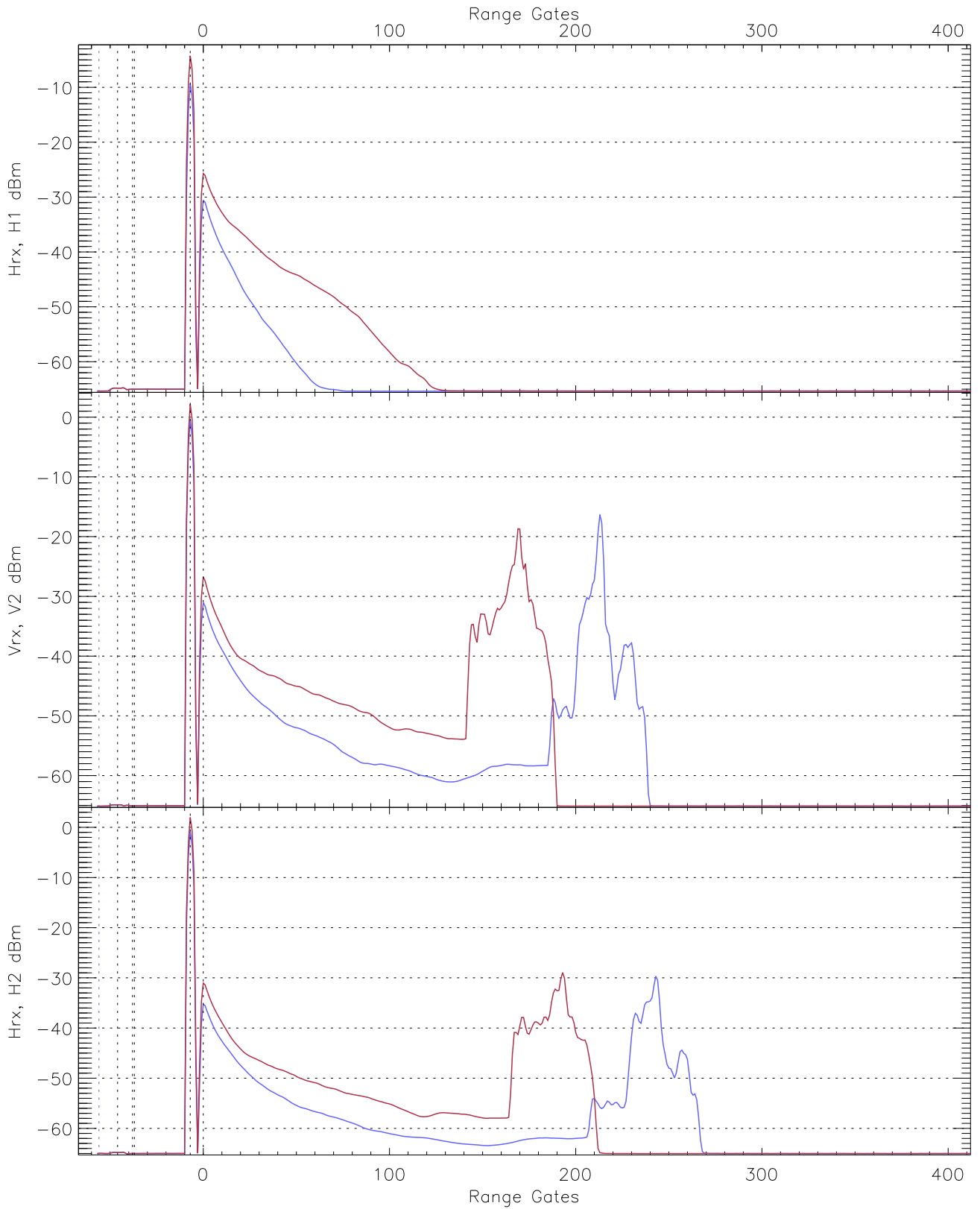
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.68	-64.13	-65.36	-65.37	-76.79
Vrx, V2 (RM [dBm])	-66.64	-63.98	-65.11	-65.12	-76.59
Hrx, H2 (RM [dBm])	-66.29	-63.81	-64.99	-65.00	-76.47

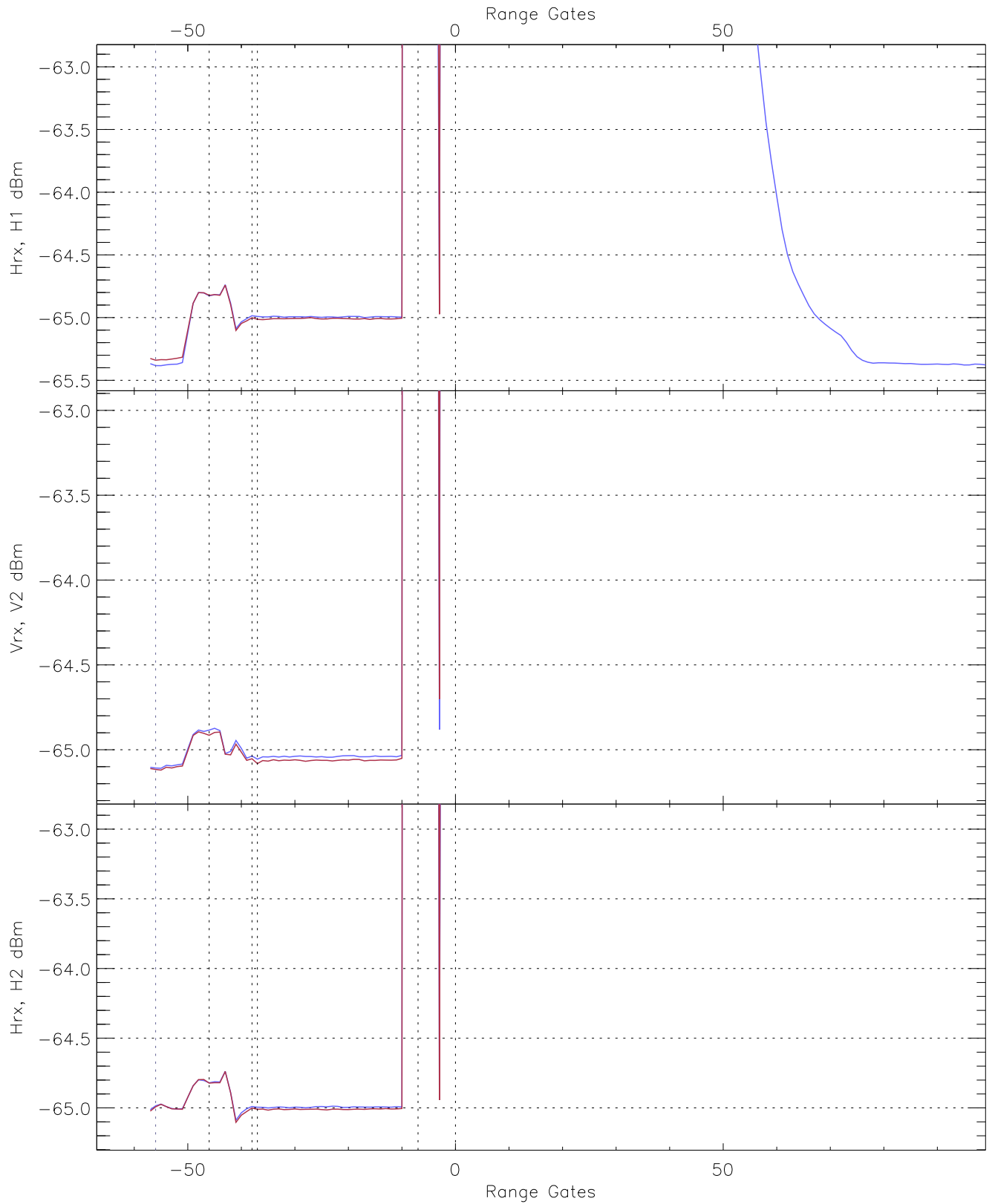


WCR3 CPP "Best" estimate Receivers Noise Power

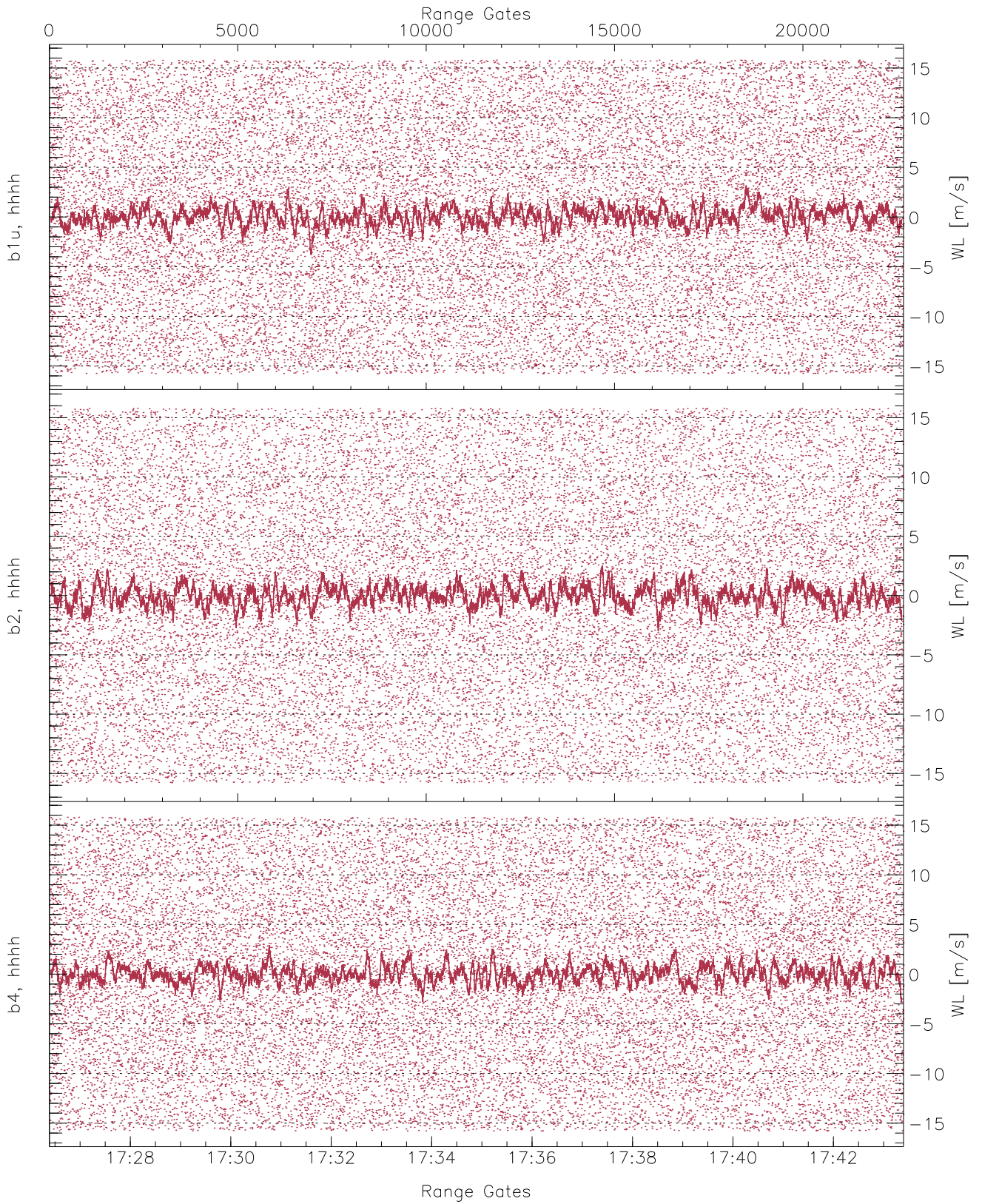
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.68	-64.13	-65.36	-65.37	-76.79
V2RG377_0 [dBm]	-66.39	-63.91	-65.11	-65.12	-76.63
H2RG368_0 [dBm]	-66.34	-63.82	-65.02	-65.03	-76.52



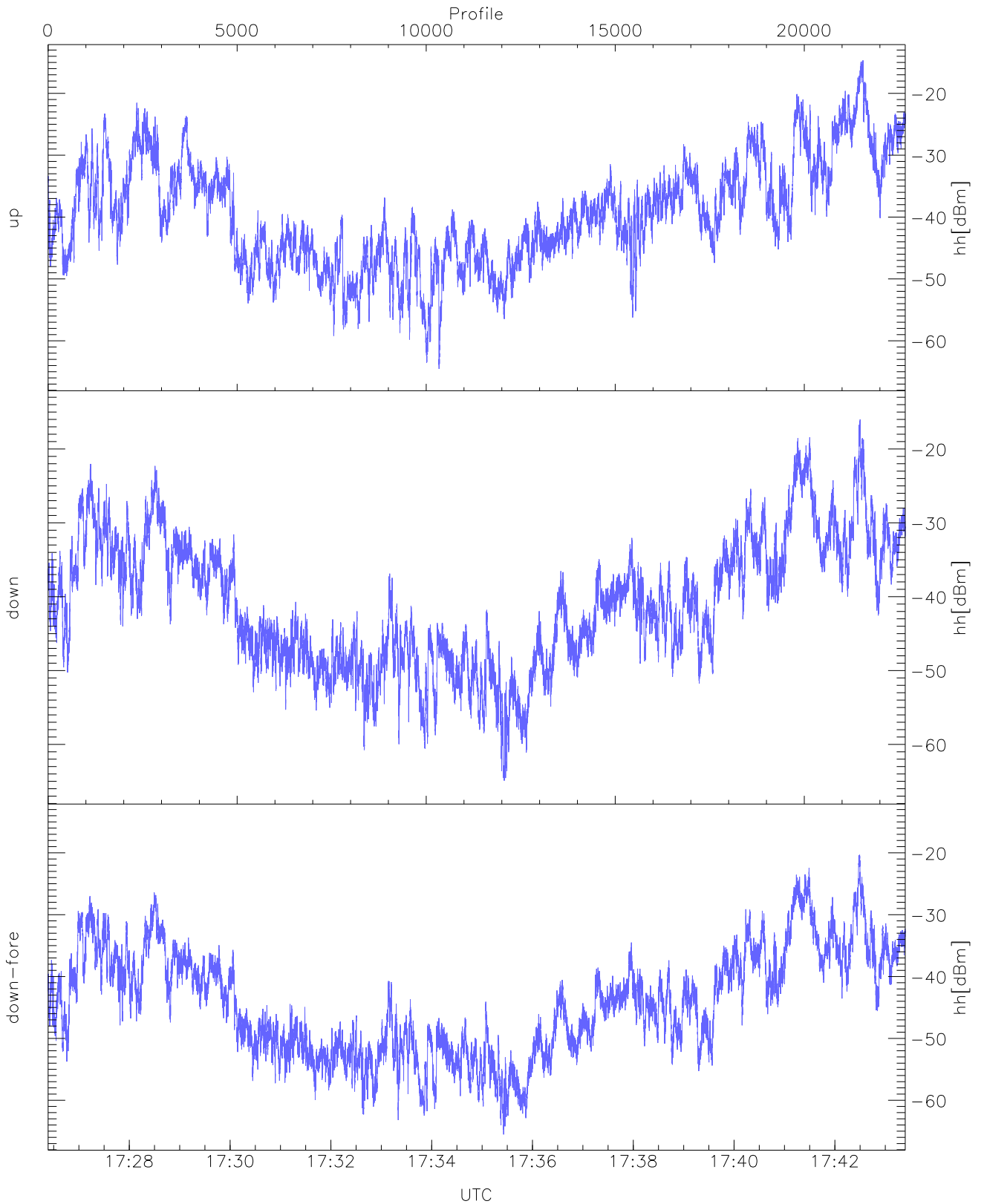
WCR3 CPP Averaged Received power for all recorded gates
blue: 172623-173454, 11337 profiles averaged
red: 173454-174324, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 172623-173454, 11337 profiles averaged
red: 173454-174324, 11336 profiles averaged

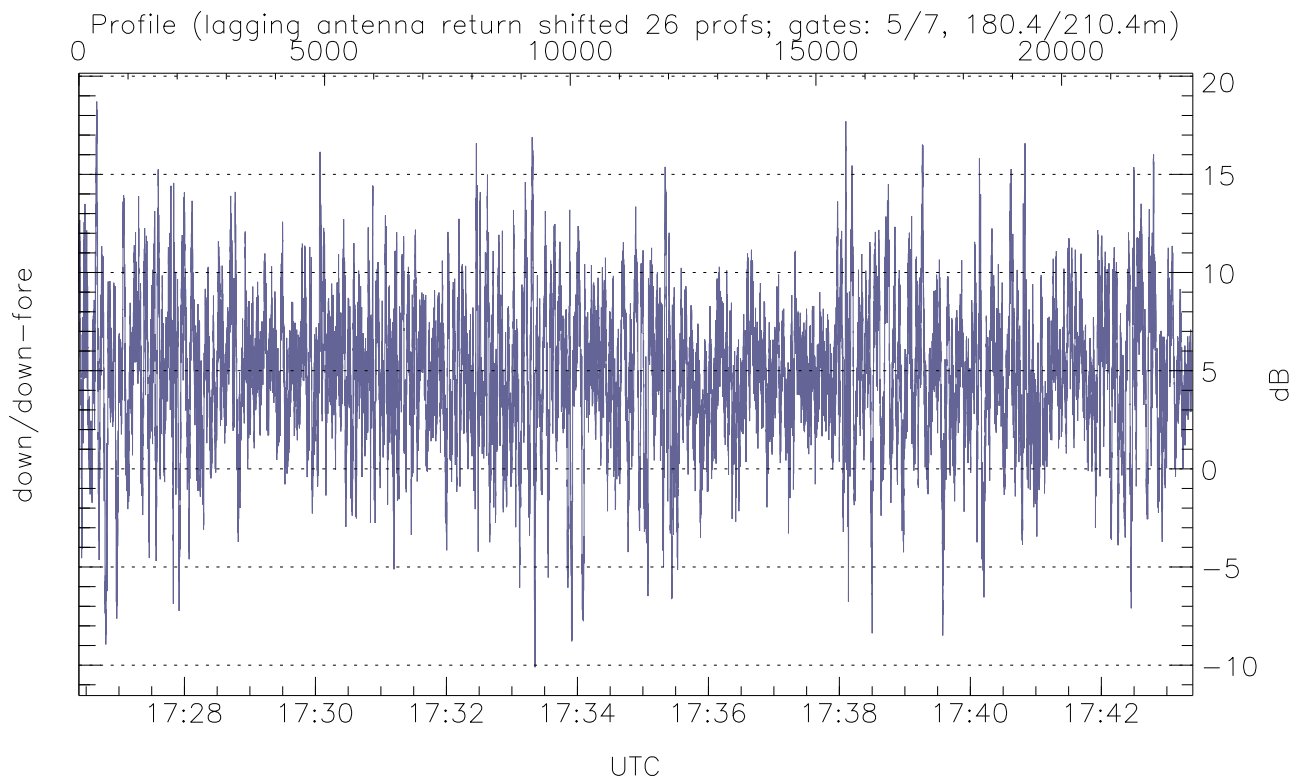
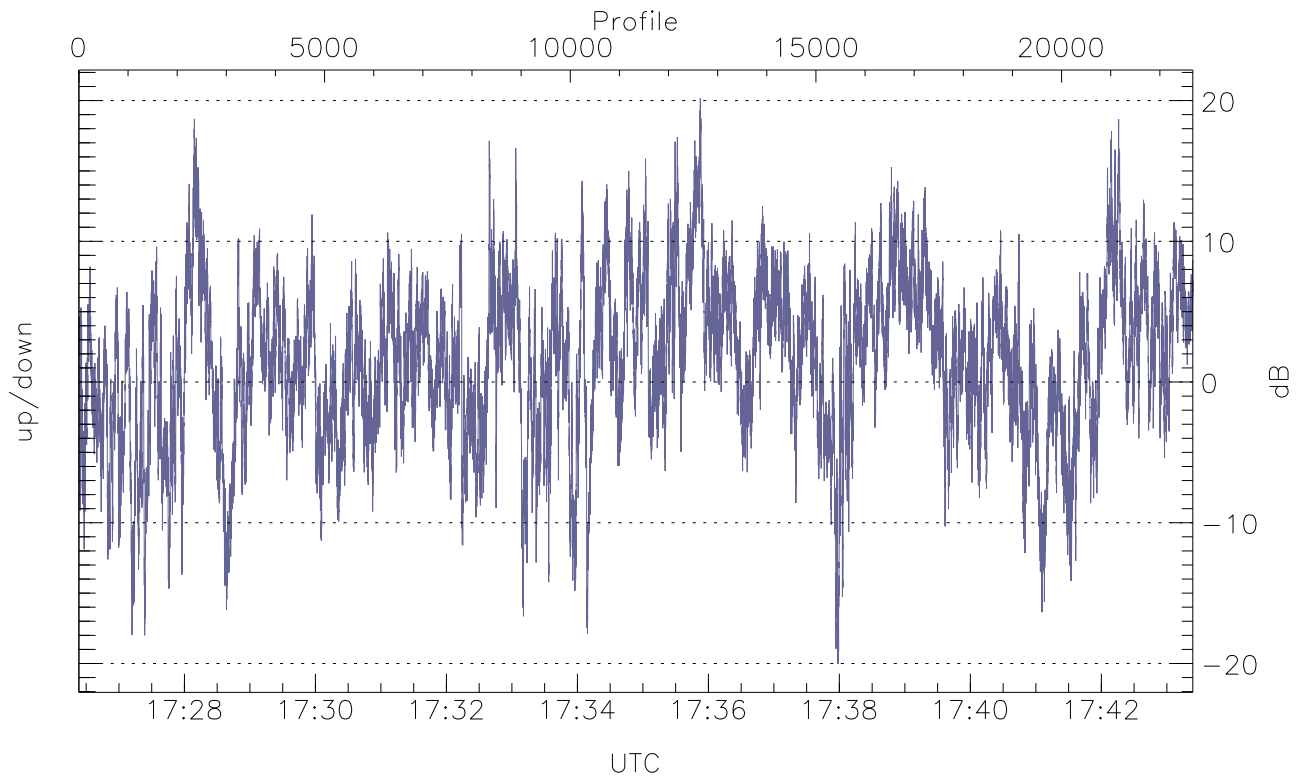


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



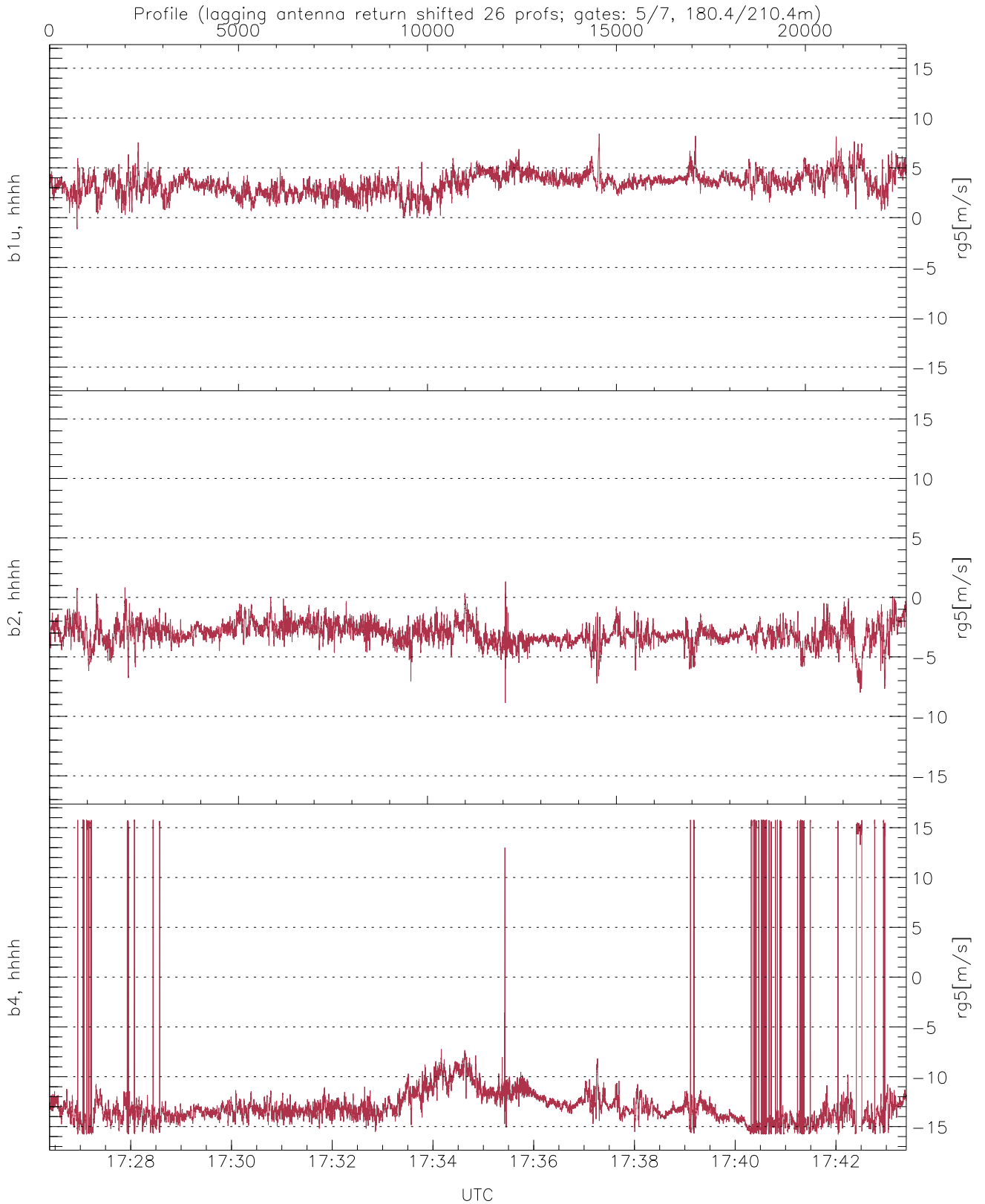
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.55	-14.66	-31.65
down(hh[dBm])	-64.91	-16.01	-33.15
down-fore(hh[dBm])	-65.53	-20.32	-36.92



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

	Min	Max	Mean
up/down (dB)	-20.04	20.16	1.47
down/down-fore (dB)	-10.11	18.71	4.87



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.14	8.41	3.45	1.07
b2, hhhh(rg5[m/s])	-8.86	1.33	-3.06	0.93
b4, hhhh(rg5[m/s])	-15.79	15.79	-12.38	4.58