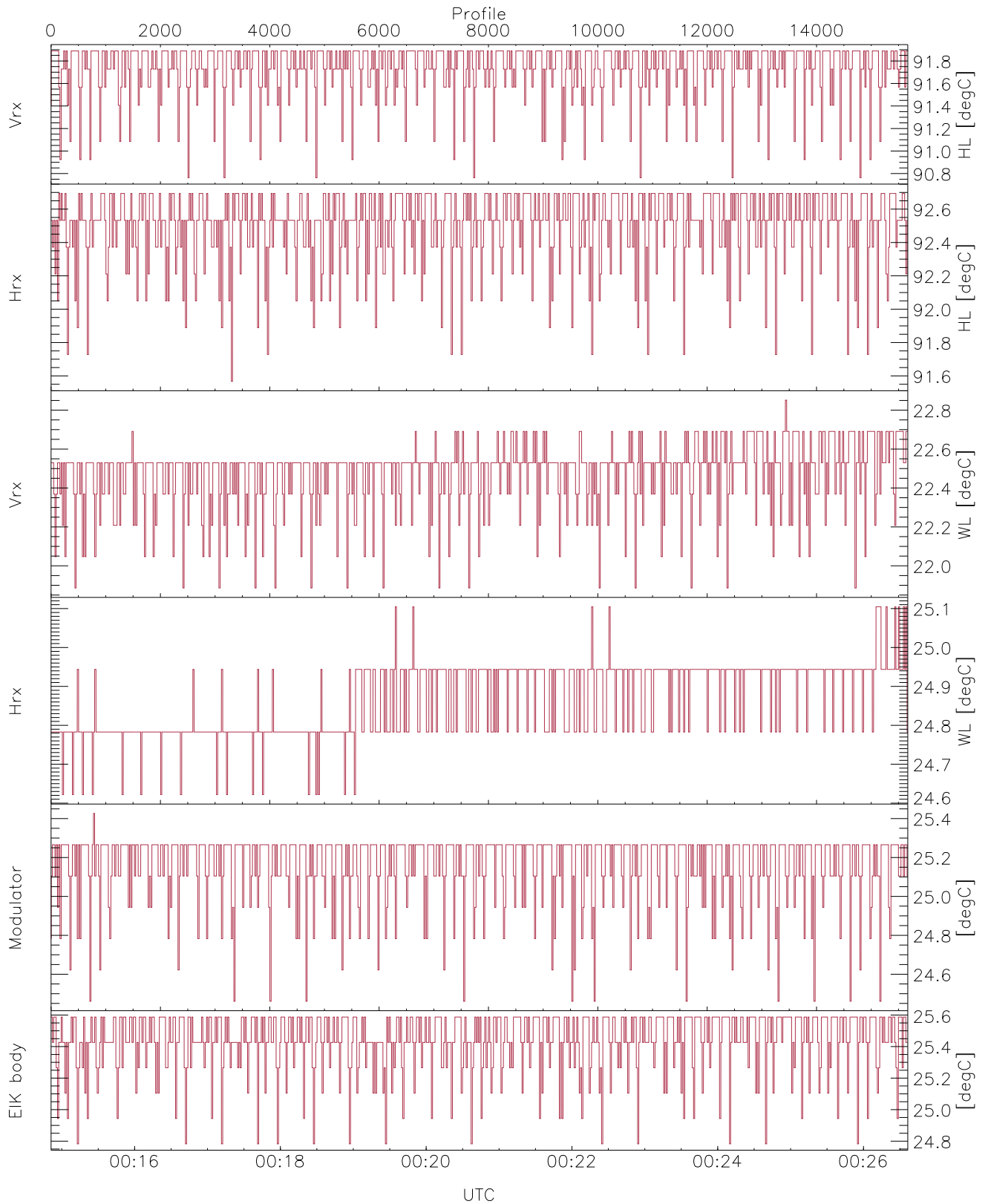


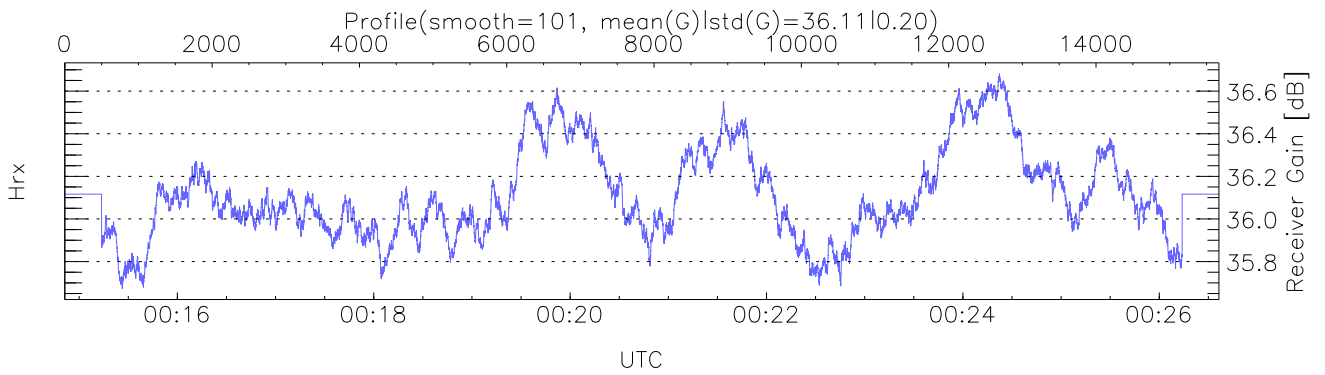
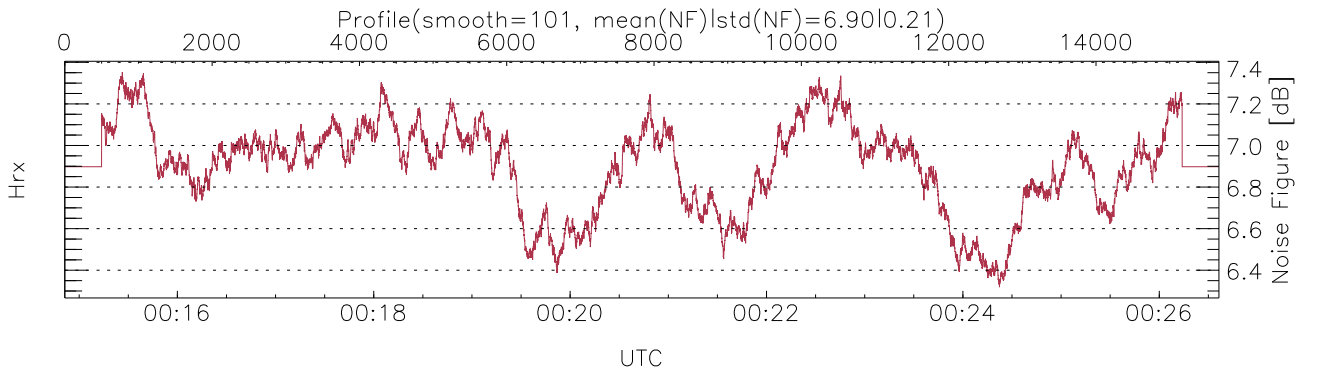
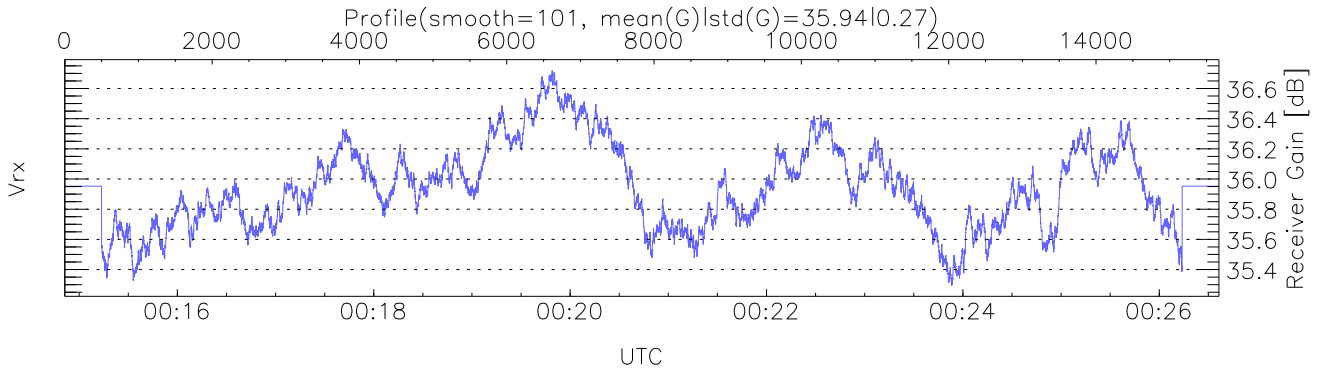
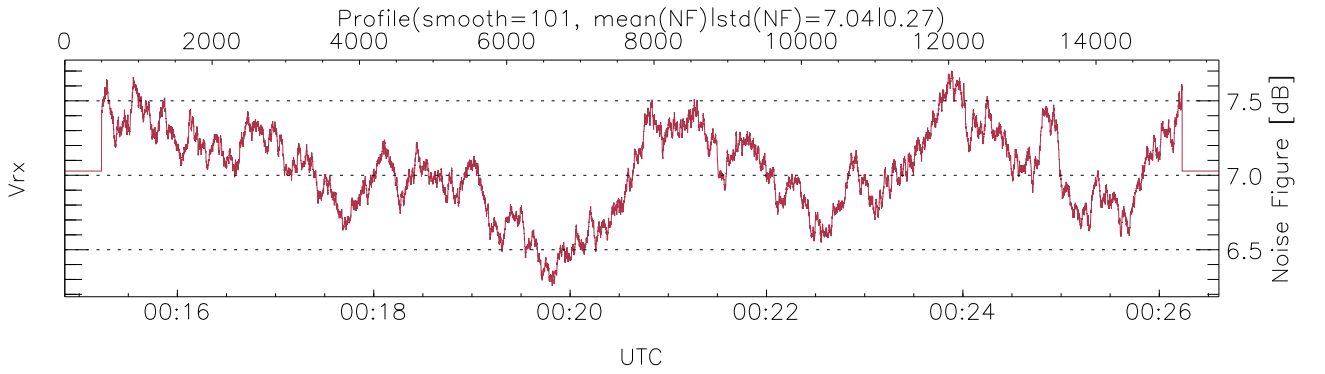
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:14:51-00:26:36, TimeCor: 0.00s, Dur: 705.28s
 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): 15670/15670, 0-15669/00:14:51-00:26:36
 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



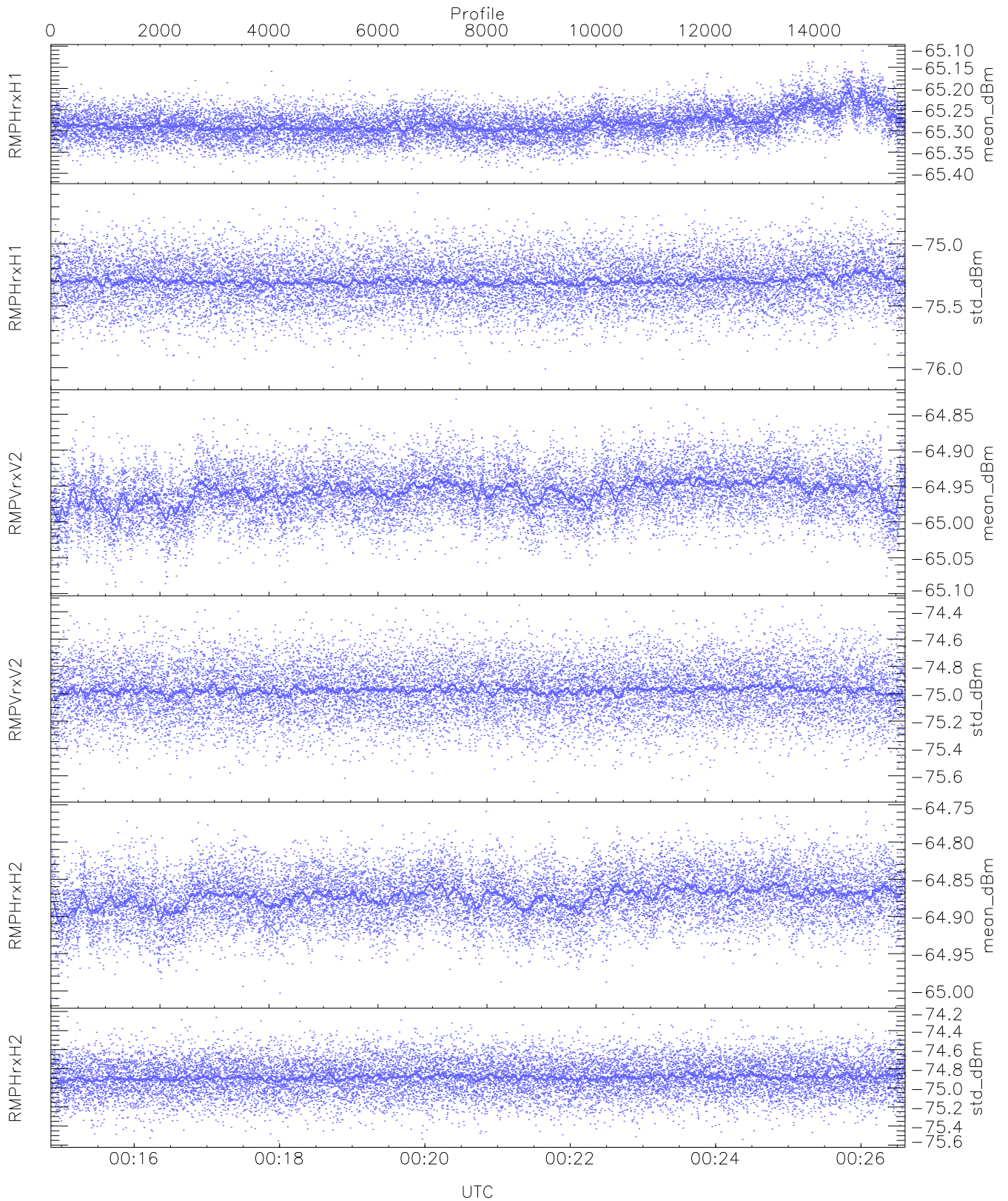
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,24,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,25,25,25`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



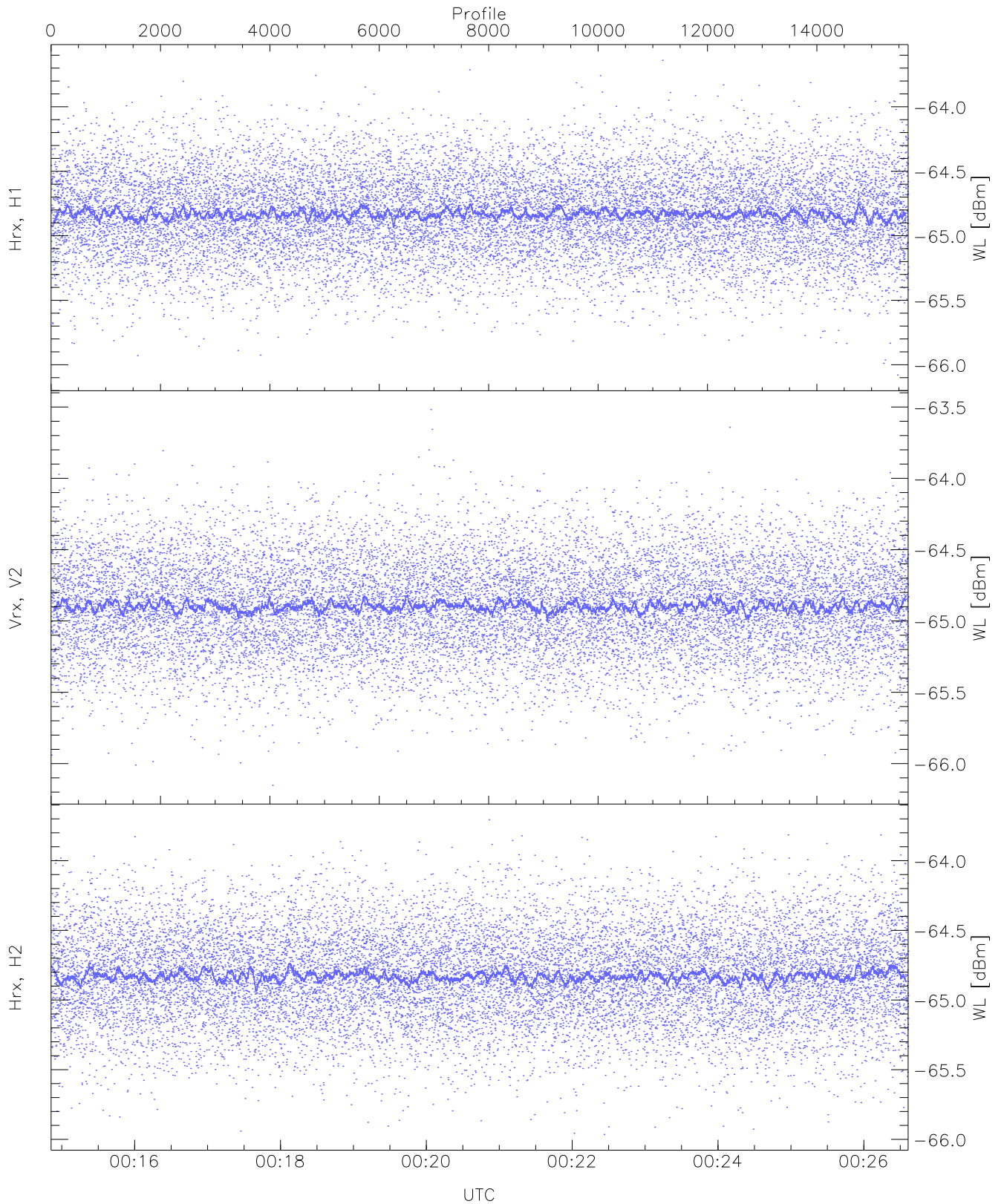
WCR3 CPP Receivers Gain and Noise Figure

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



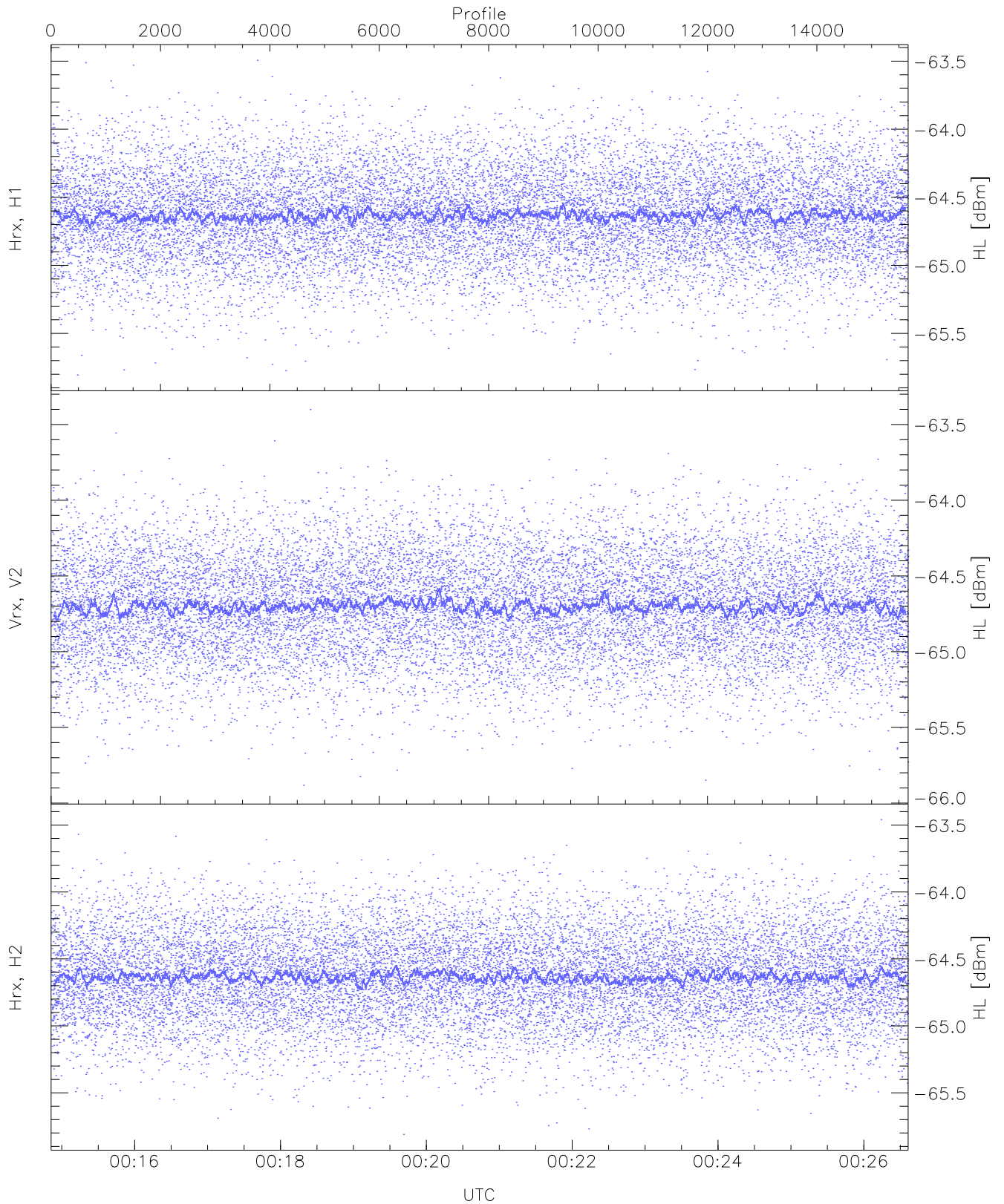
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.41	-65.11	-65.28	-65.28	-86.13
RMPHrxH1(std_dBm)	-76.10	-74.59	-75.30	-75.30	-89.07
RMPVrxV2(mean_dBm)	-65.09	-64.83	-64.96	-64.96	-86.10
RMPVrxV2(std_dBm)	-75.72	-74.35	-74.97	-74.98	-88.73
RMPHrxH2(mean_dBm)	-65.01	-64.76	-64.87	-64.87	-86.19
RMPHrxH2(std_dBm)	-75.56	-74.23	-74.89	-74.89	-88.70



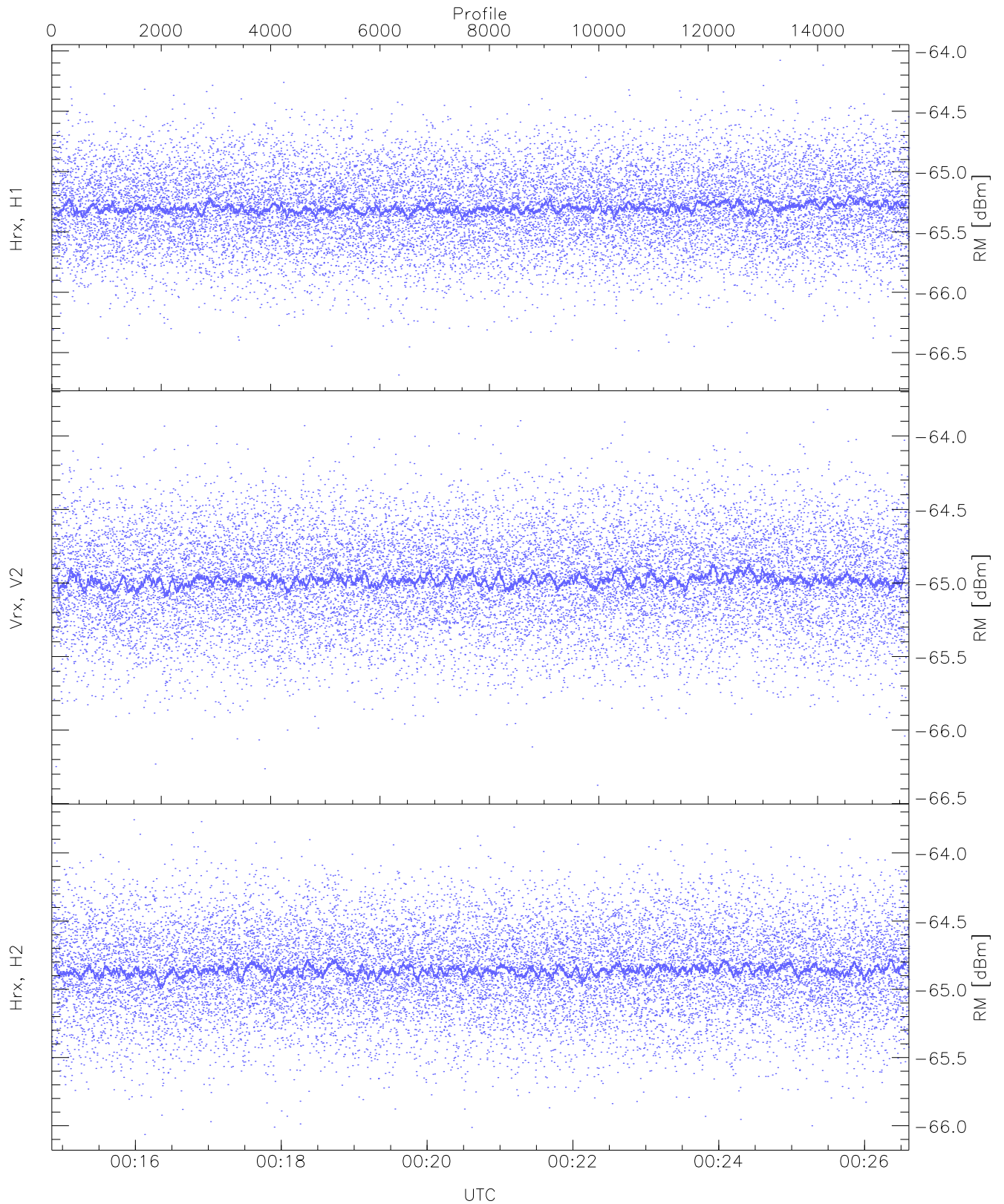
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.08	-63.64	-64.82	-64.84	-76.33
Vrx, V2(WL [dBm])	-66.15	-63.52	-64.89	-64.90	-76.35
Hrx, H2(WL [dBm])	-65.96	-63.71	-64.82	-64.83	-76.28



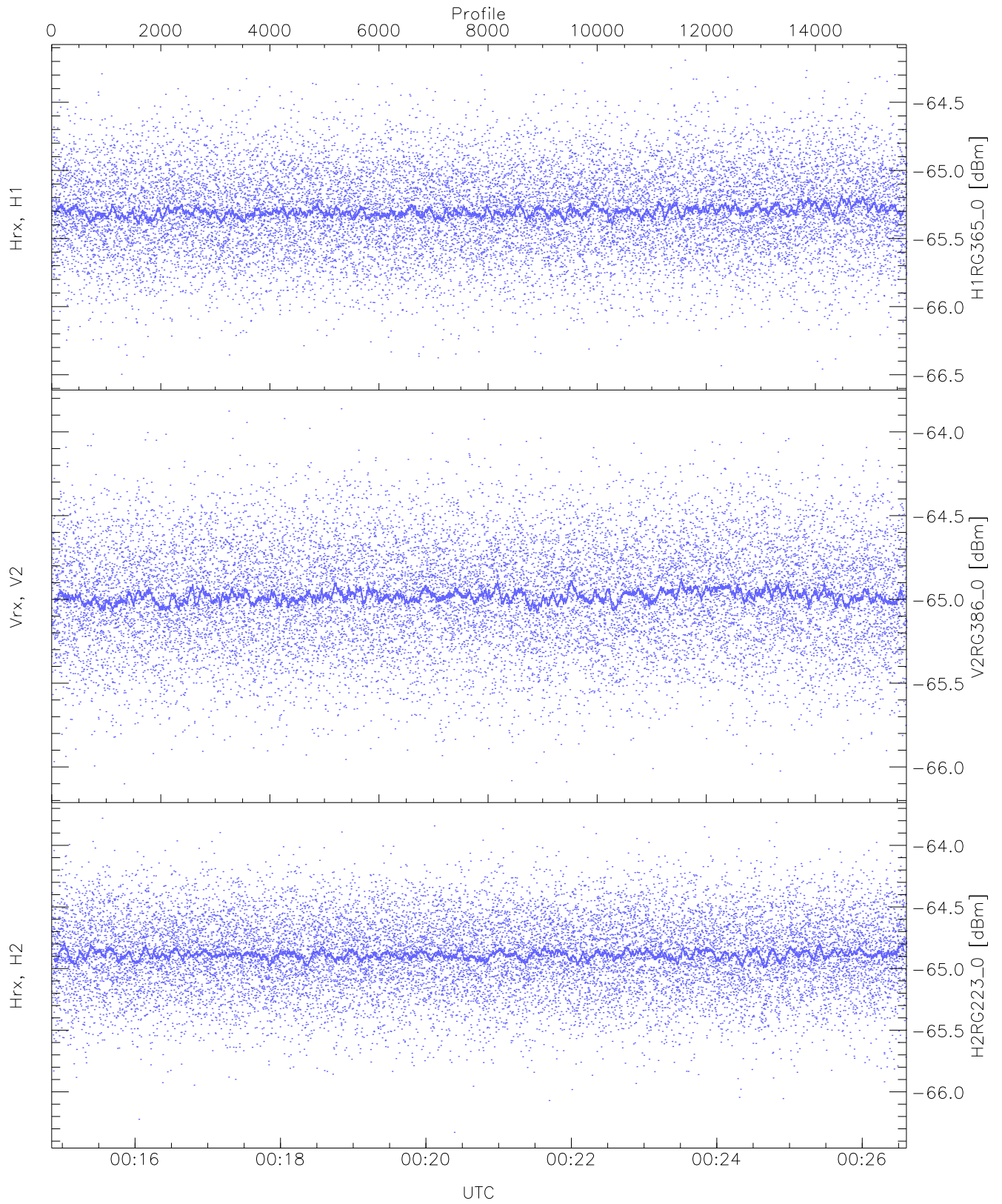
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.81	-63.49	-64.63	-64.63	-76.10
Vrx, V2 (HL [dBm])	-65.88	-63.40	-64.69	-64.70	-76.14
Hrx, H2 (HL [dBm])	-65.81	-63.46	-64.63	-64.64	-76.13



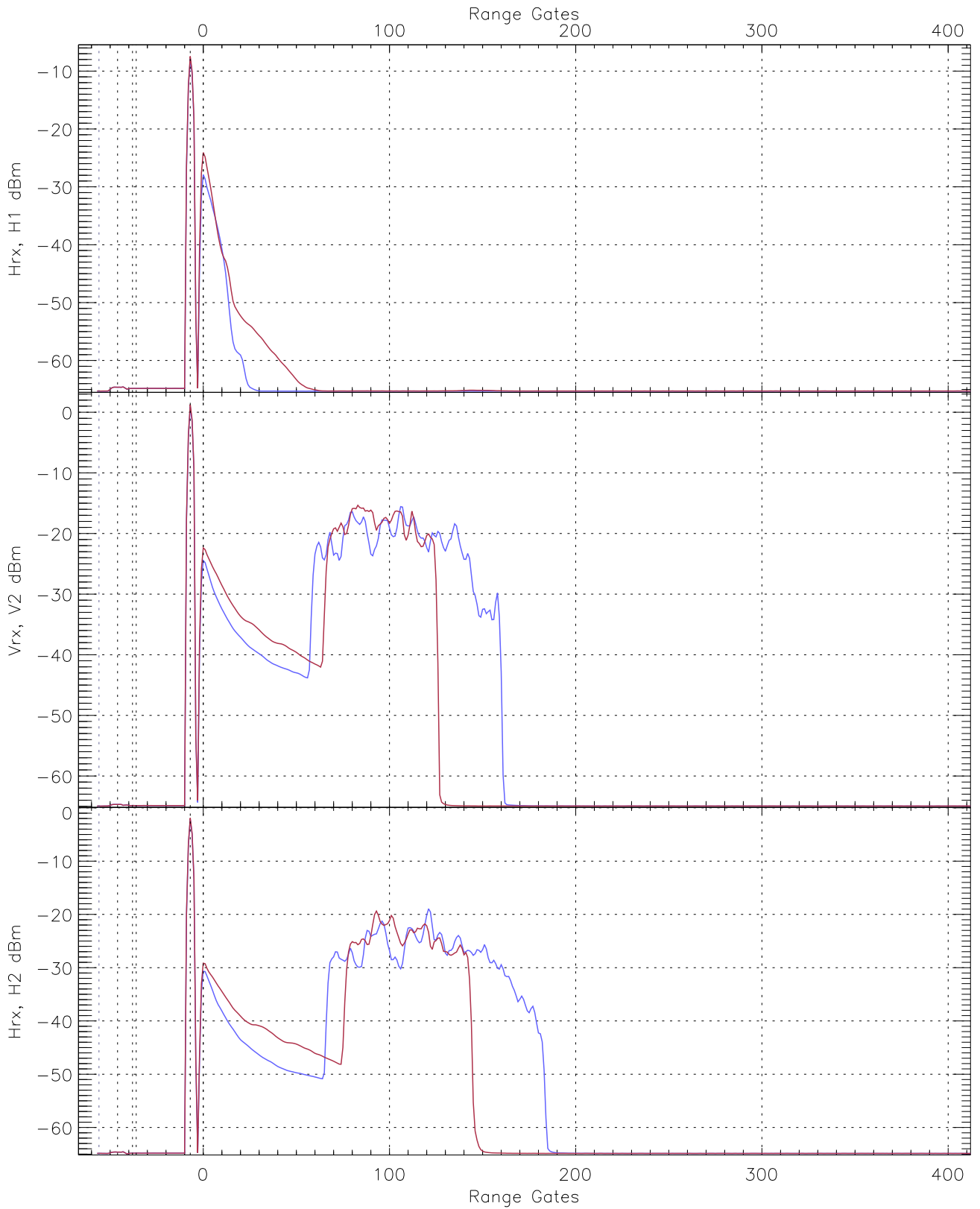
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.69	-64.08	-65.29	-65.30	-76.78
Vrx, V2 (RM [dBm])	-66.38	-63.82	-64.97	-64.98	-76.48
Hrx, H2 (RM [dBm])	-66.06	-63.76	-64.85	-64.86	-76.36

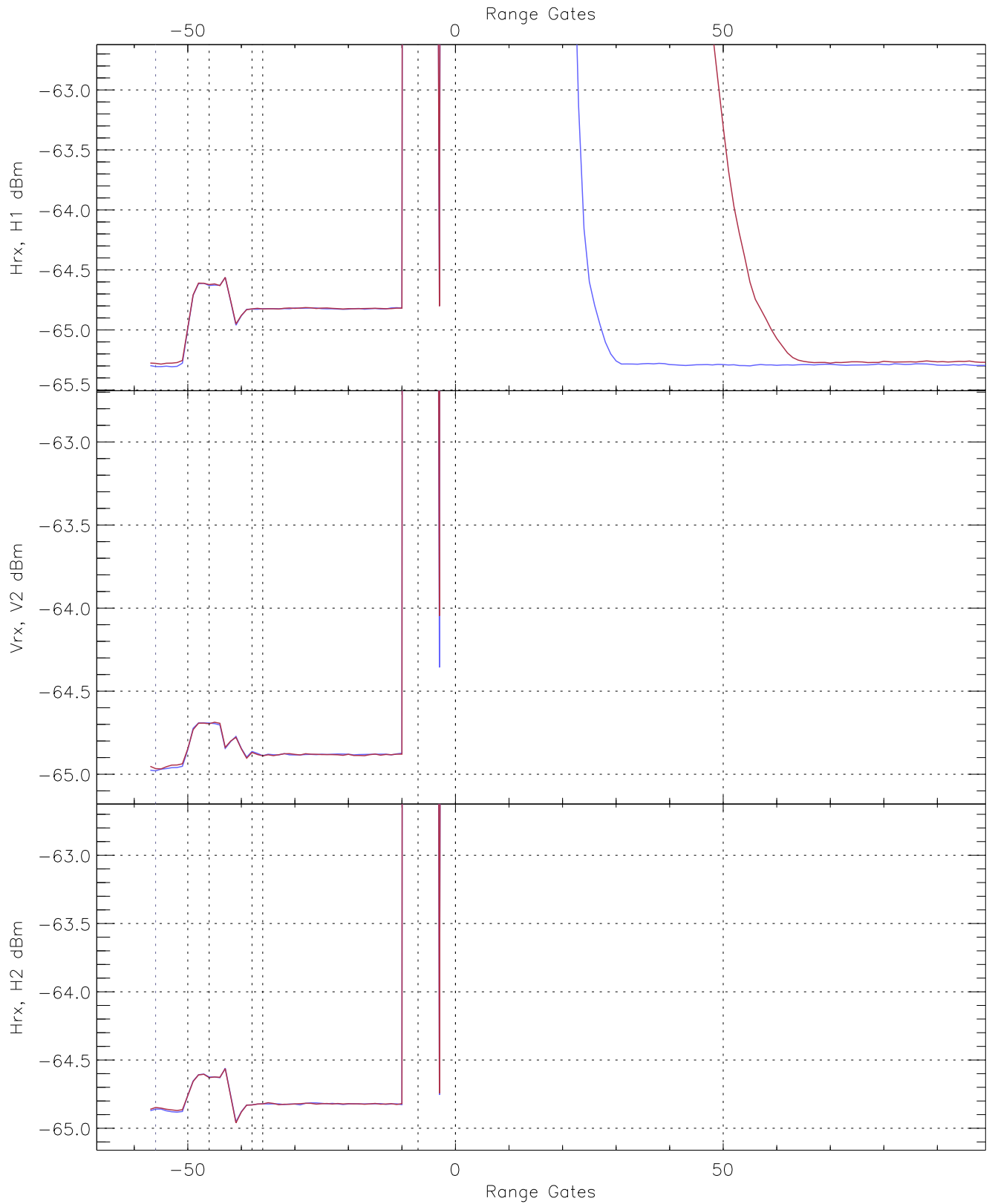


WCR3 CPP "Best" estimate Receivers Noise Power

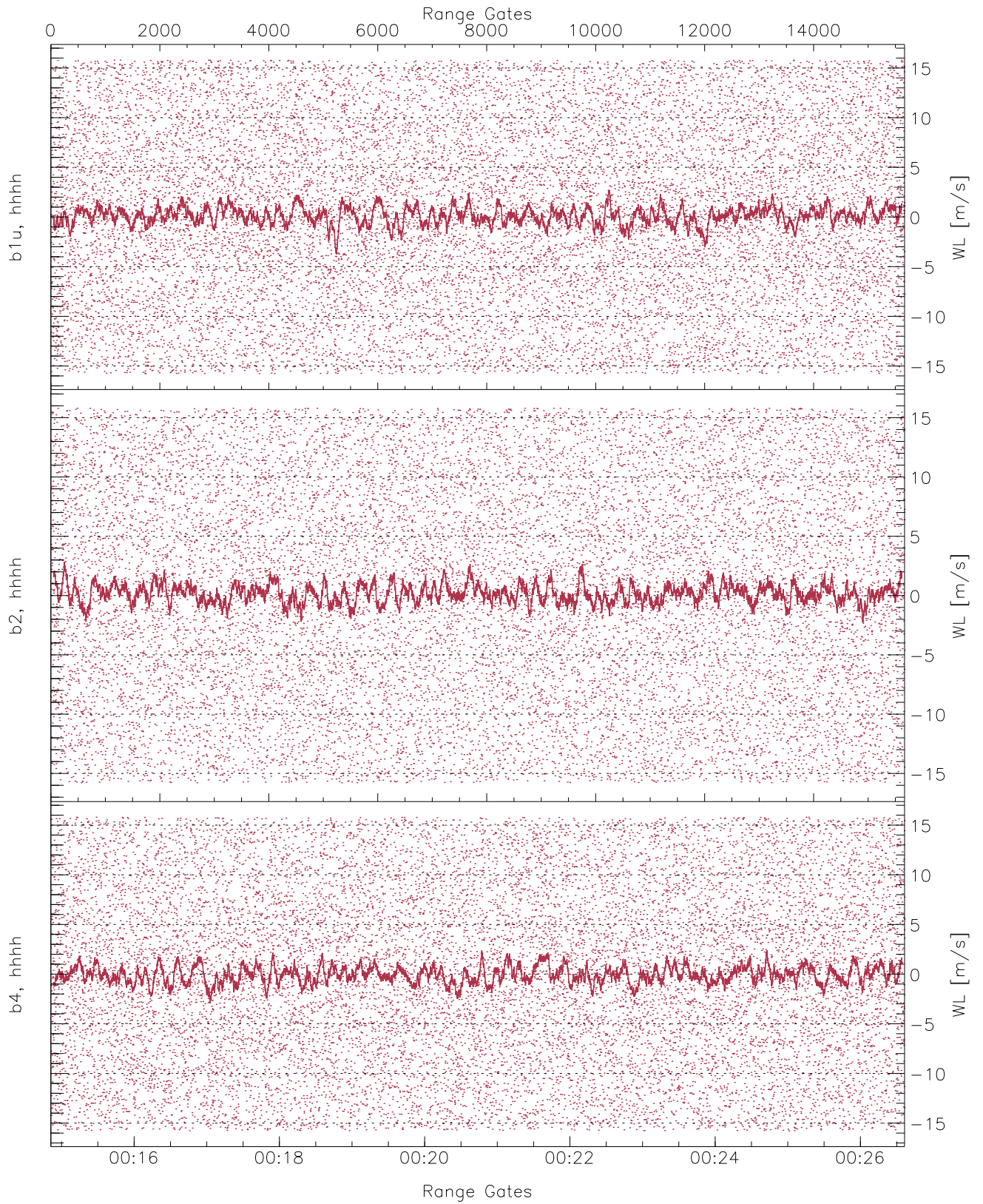
	Min	Max	Mean	Median	StDev
H1RG365_0 [dBm]	-66.50	-64.19	-65.29	-65.30	-76.79
V2RG386_0 [dBm]	-66.10	-63.86	-64.97	-64.98	-76.50
H2RG223_0 [dBm]	-66.33	-63.78	-64.88	-64.88	-76.36



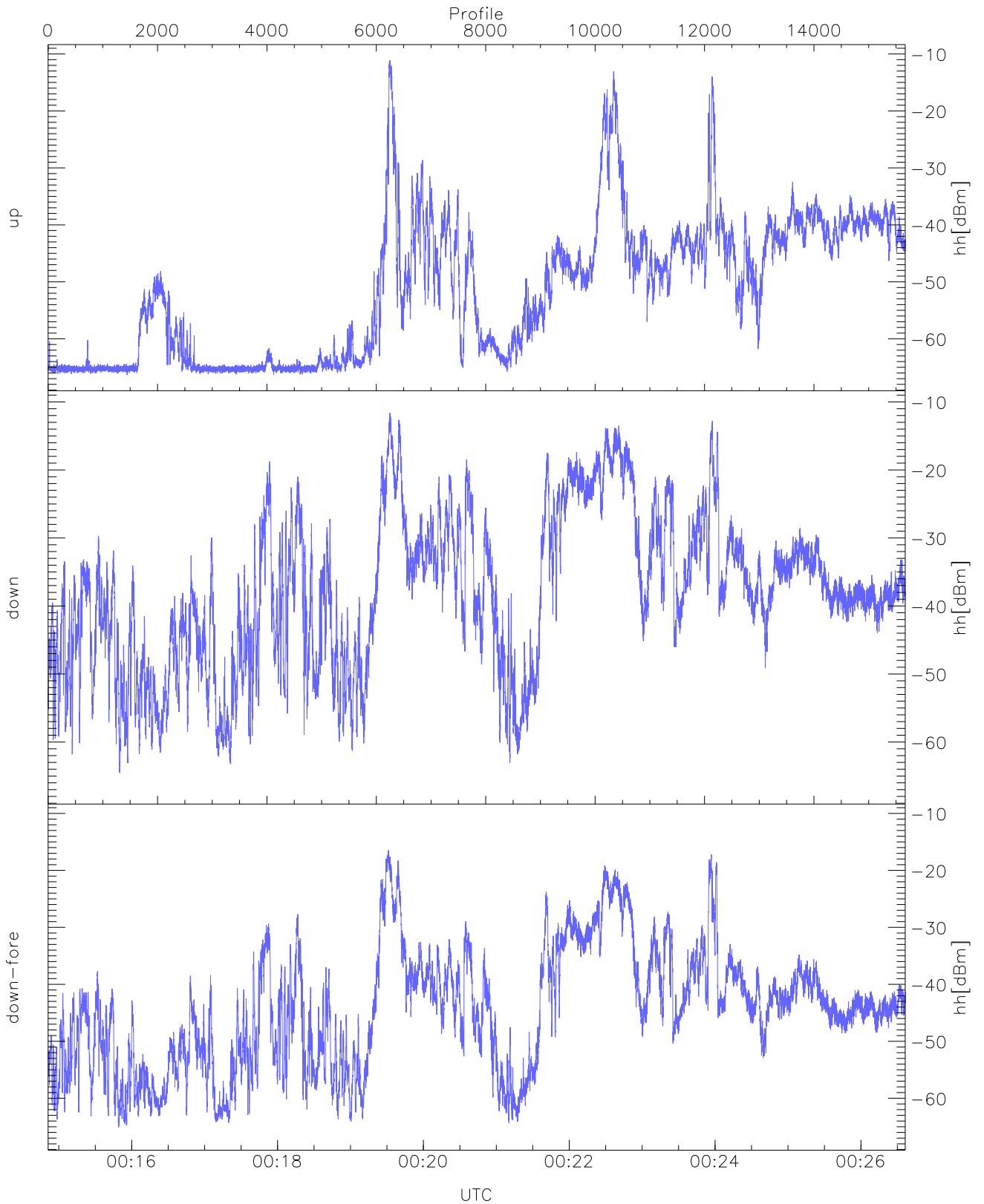
WCR3 CPP Averaged Received power for all recorded gates
blue: 001451-002044, 7836 profiles averaged
red: 002044-002636, 7835 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 001451-002044, 7836 profiles averaged
red: 002044-002636, 7835 profiles averaged

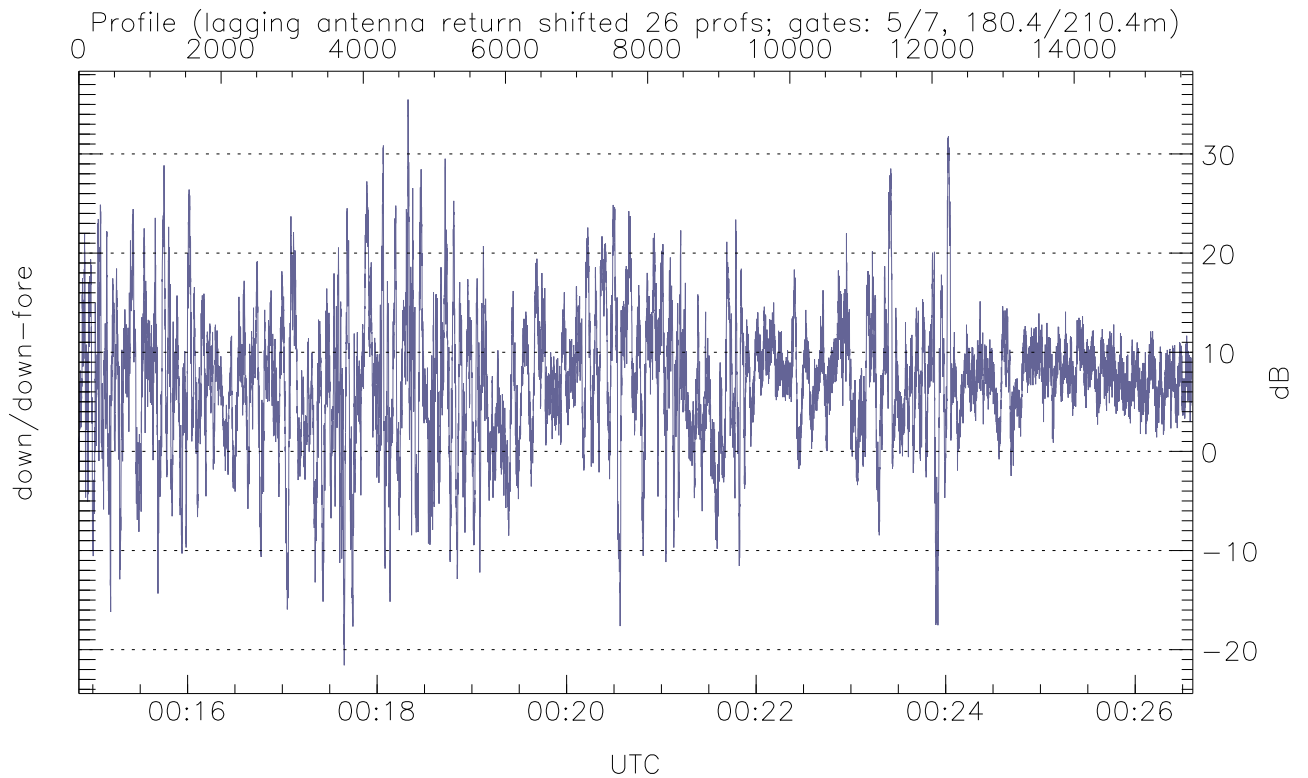
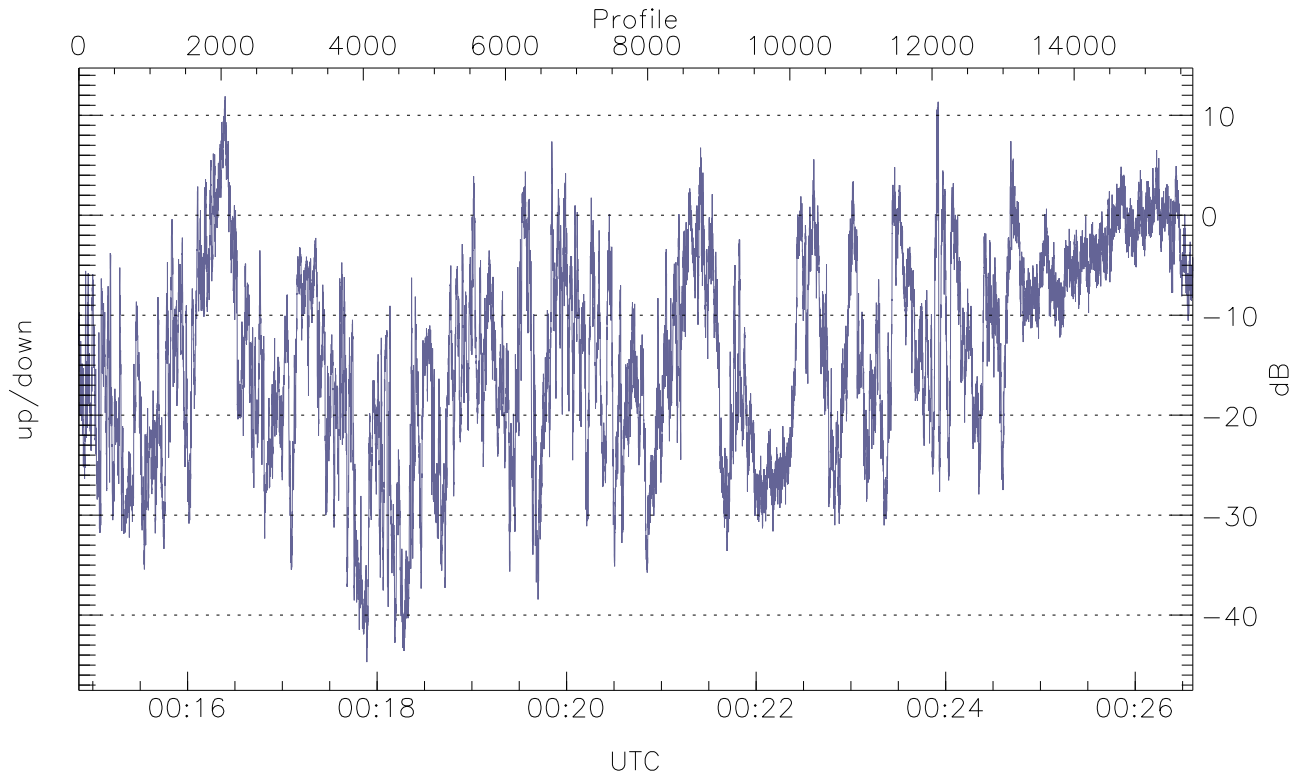


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



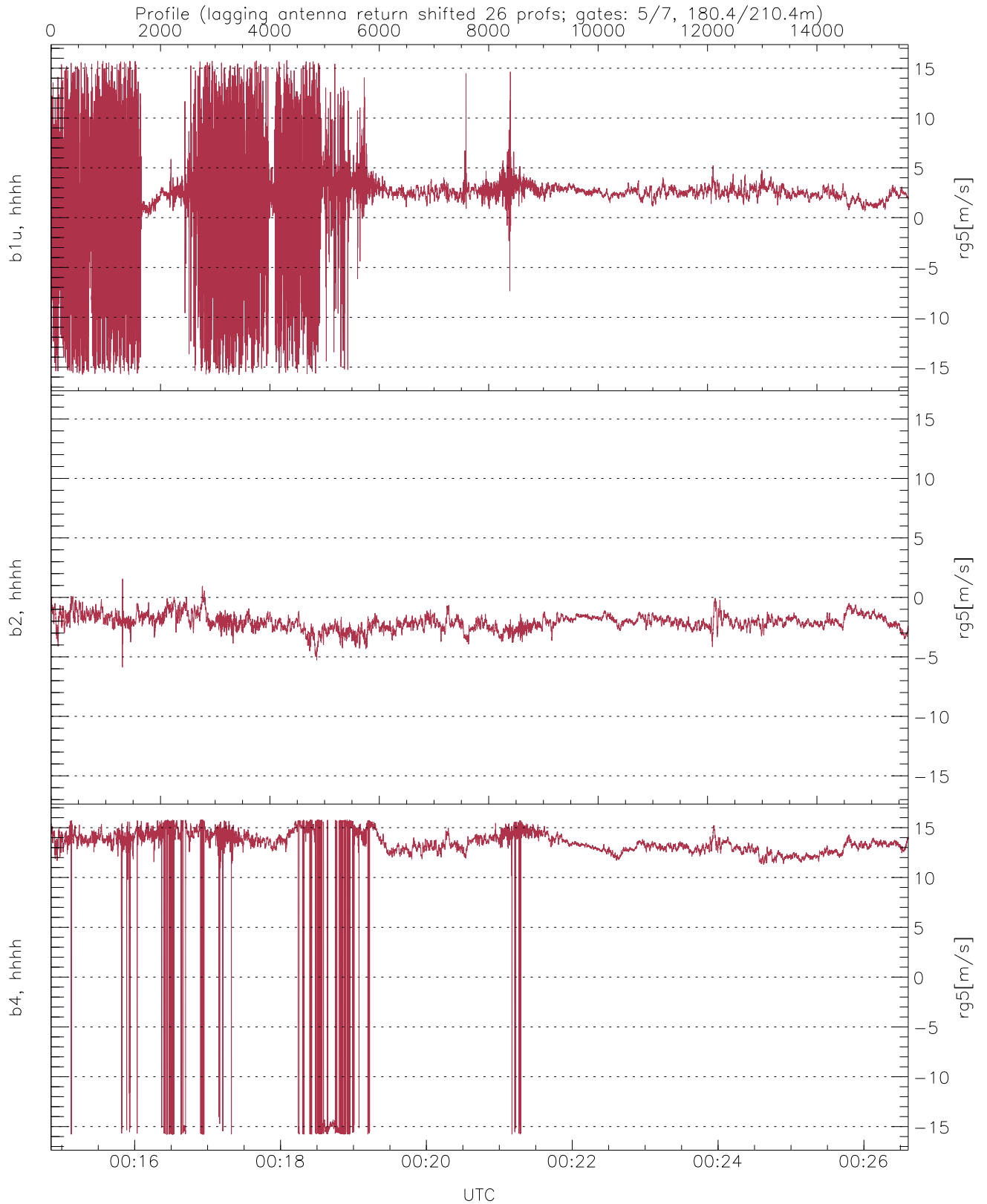
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.36	-11.12	-32.86
down(hh[dBm])	-64.54	-11.62	-26.87
down-fore(hh[dBm])	-65.08	-16.46	-32.84



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

	Min	Max	Mean
up/down (dB)	-44.70	11.90	-13.95
down/down-fore (dB)	-21.57	35.49	7.09



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	1.97	4.36
b2, hhhh(rg5[m/s])	-5.88	1.57	-2.08	0.66
b4, hhhh(rg5[m/s])	-15.79	15.79	12.33	5.84