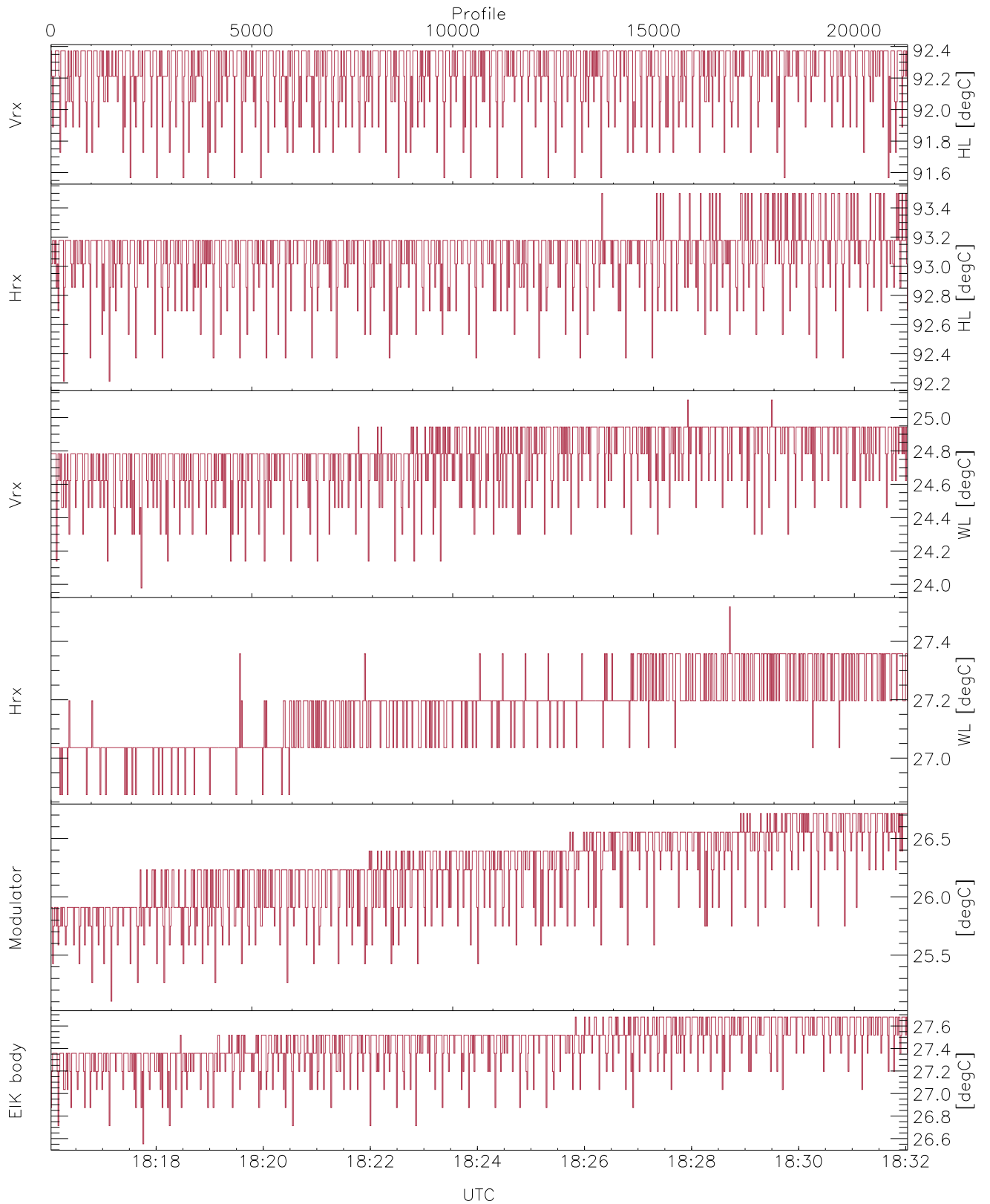


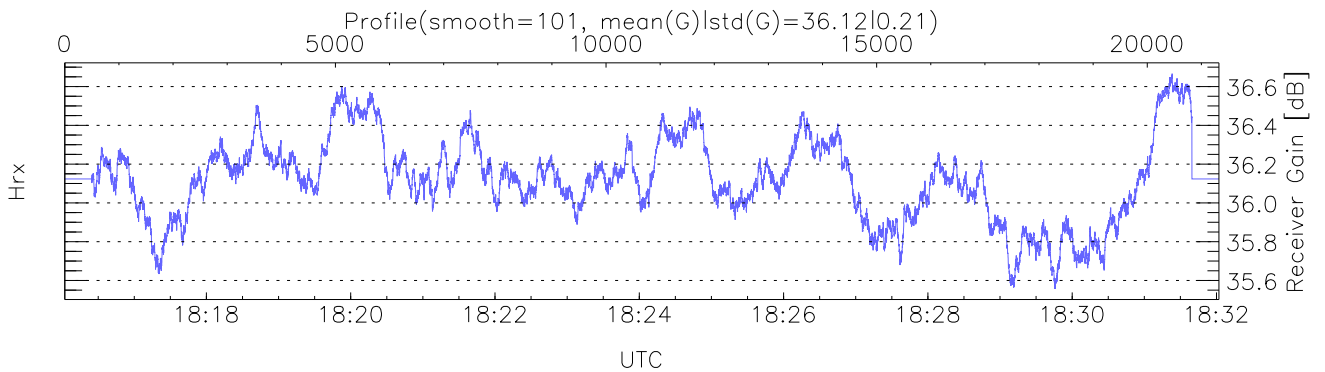
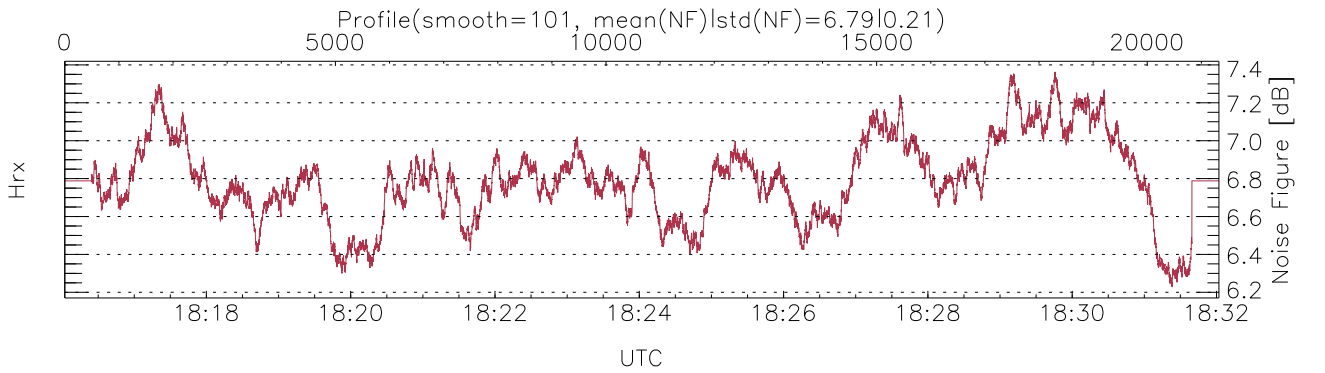
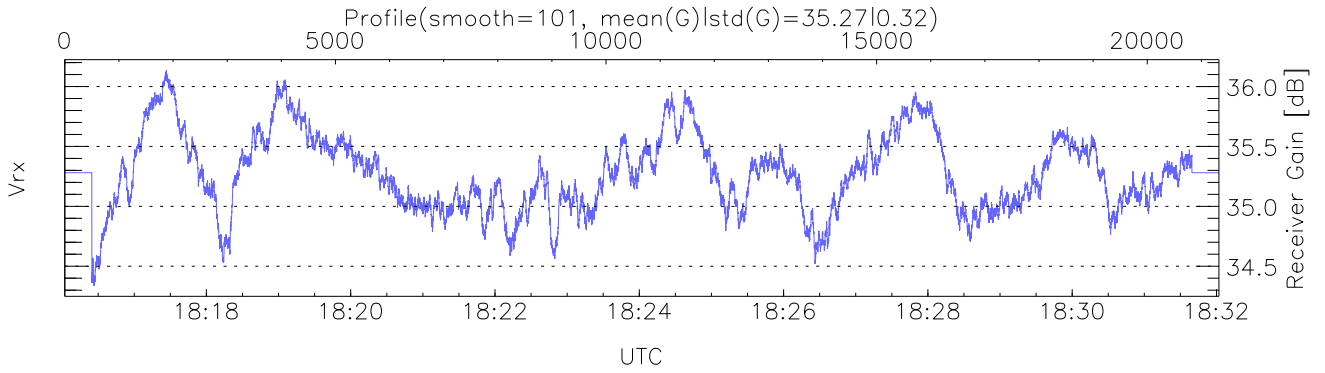
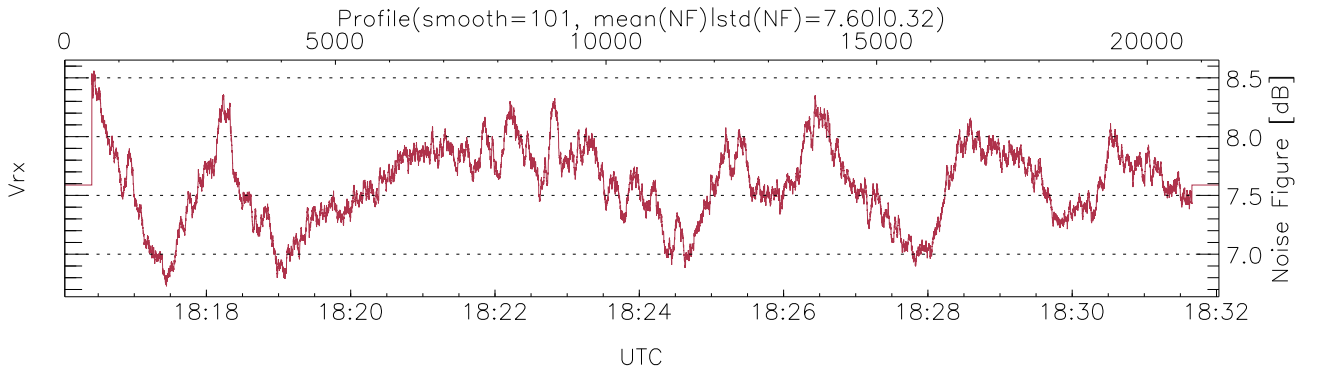
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:16:02-18:32:02, TimeCor: 0.00s, Dur: 959.86s
 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): 21326/21326, 0-21325/18:16:02-18:32:02
 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|sidelup|error): 1



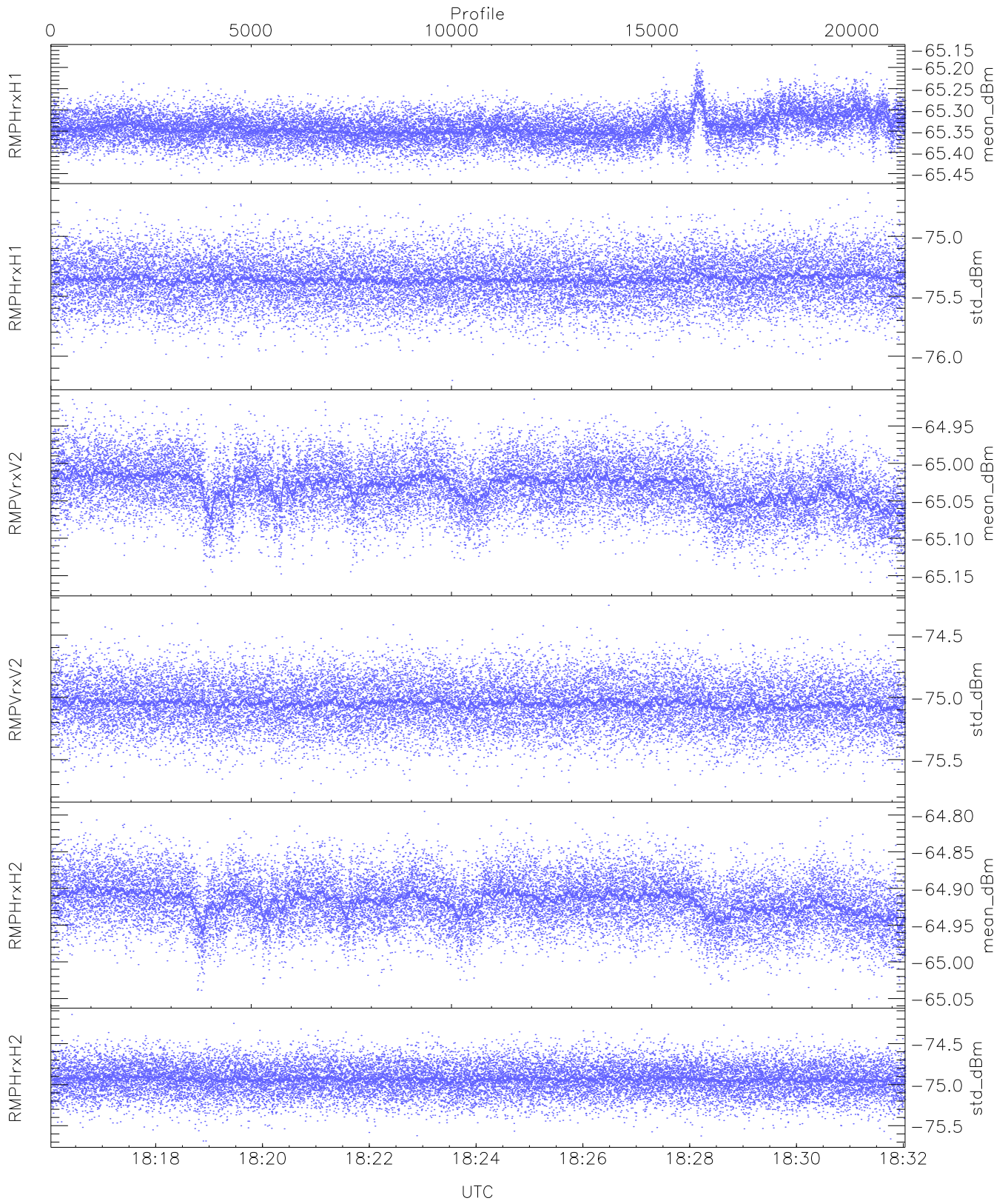
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,25,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,26,27`
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`
`EIK/Modulator Faults: None`



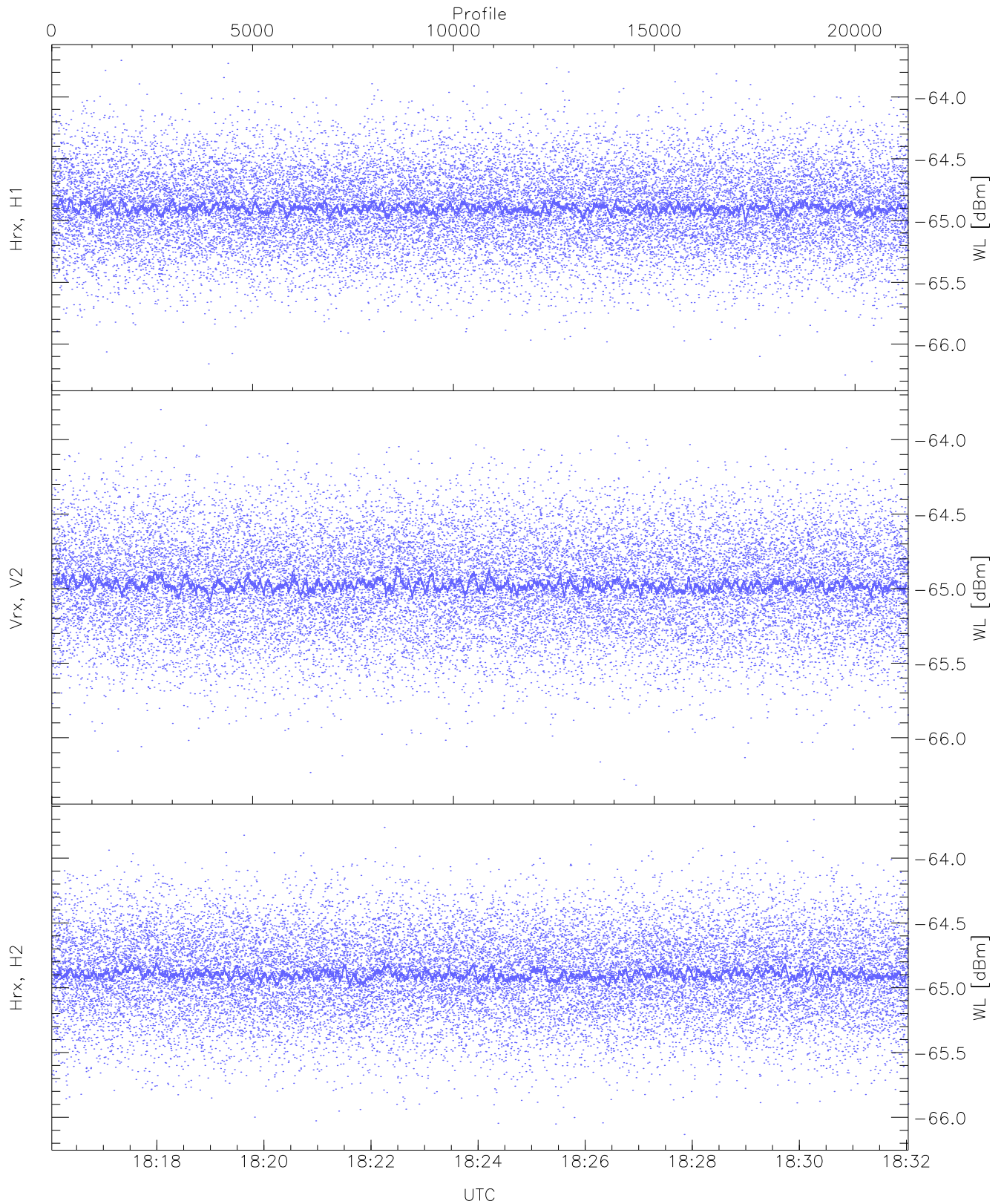
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 2 pixs, 1 gates, 2 profs, 1 prod(s)



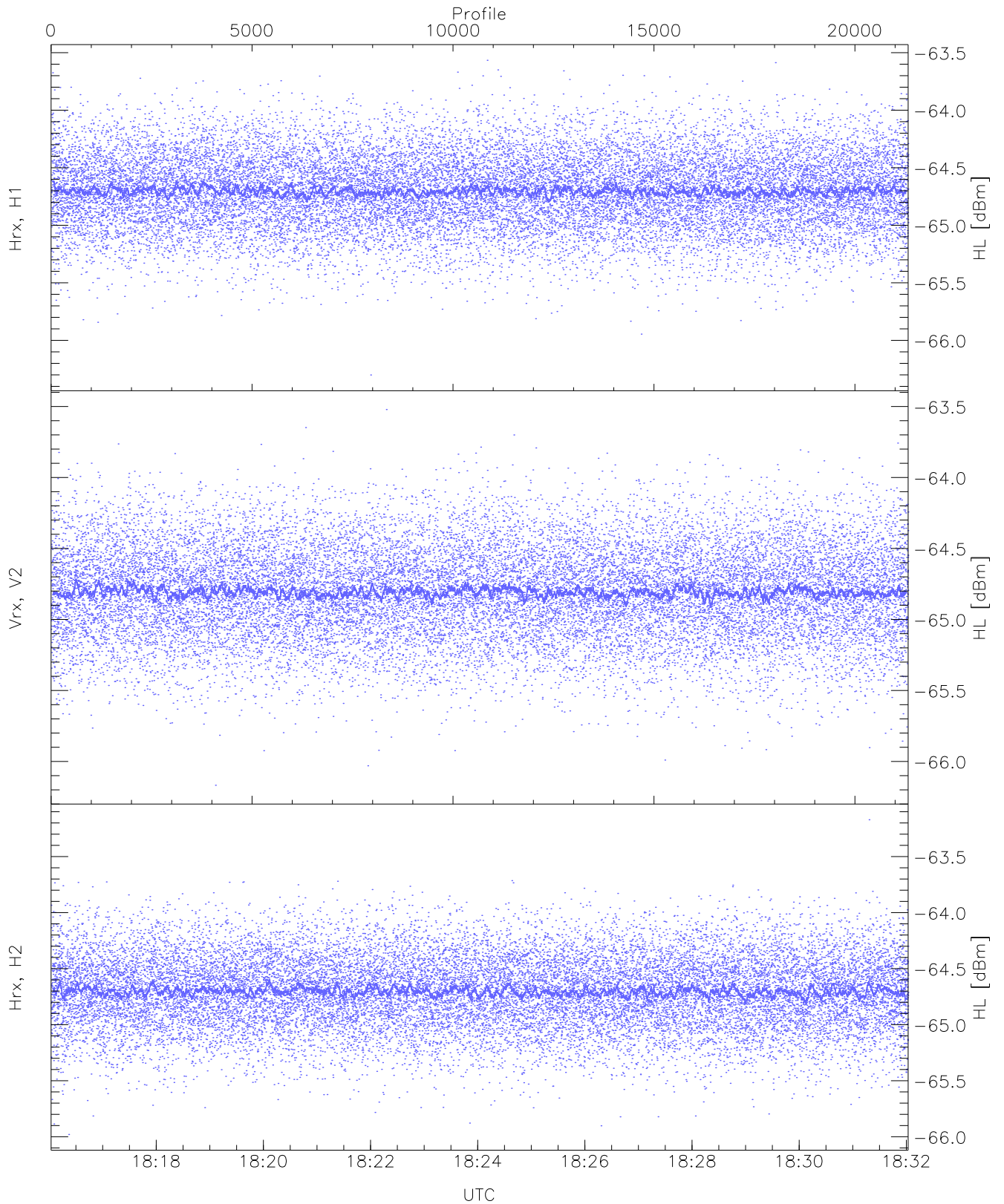
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.46	-65.16	-65.34	-65.34	-86.32
RMPHrxH1 (std_dBm)	-76.20	-74.64	-75.36	-75.36	-89.09
RMPVrxV2 (mean_dBm)	-65.16	-64.91	-65.03	-65.03	-86.12
RMPVrxV2 (std_dBm)	-75.77	-74.26	-75.05	-75.05	-88.85
RMPHrxH2 (mean_dBm)	-65.05	-64.80	-64.92	-64.92	-86.19
RMPHrxH2 (std_dBm)	-75.69	-74.15	-74.93	-74.93	-88.75



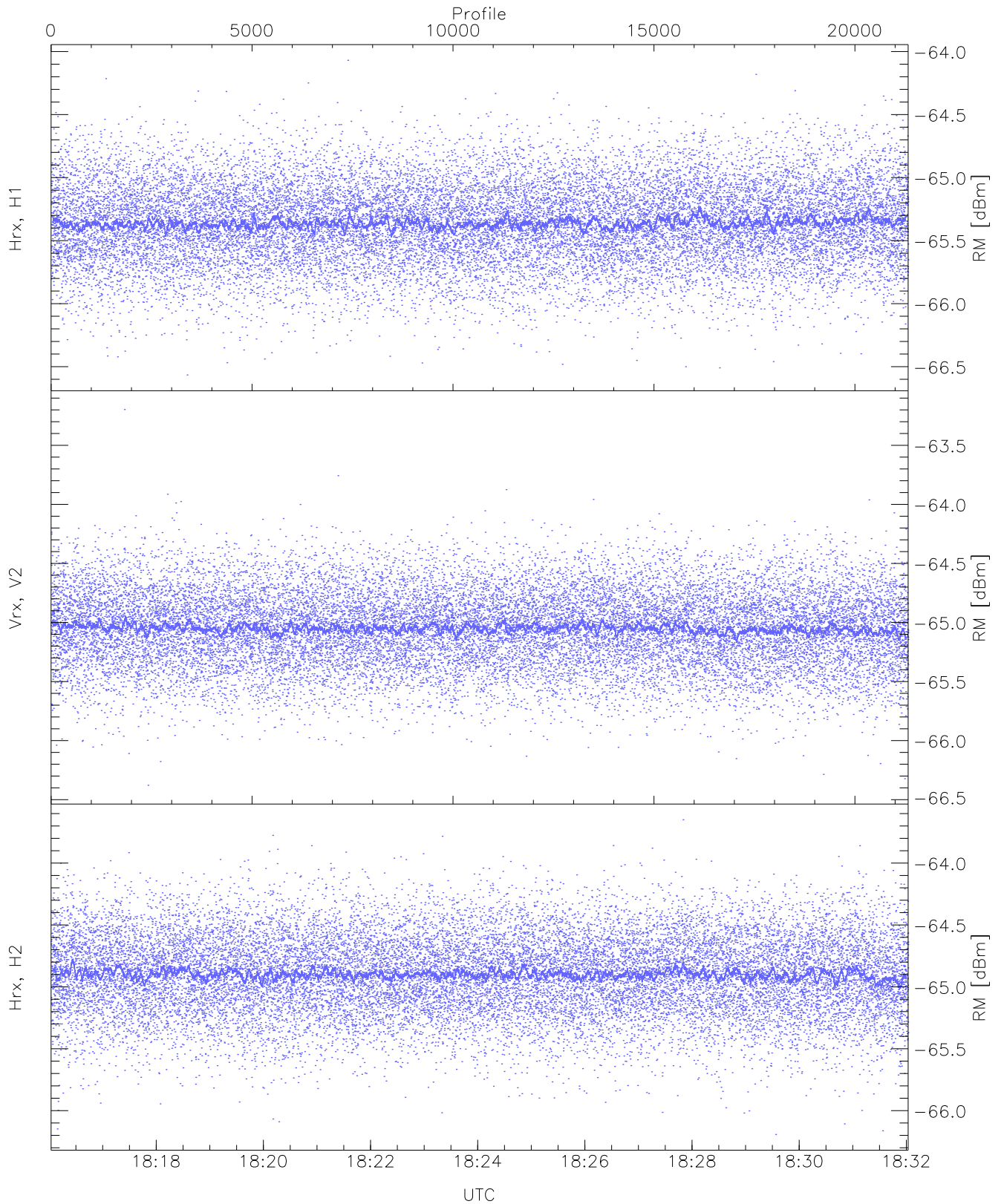
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.25	-63.70	-64.89	-64.90	-76.40
Vrx, V2 (WL [dBm])	-66.32	-63.80	-64.97	-64.97	-76.47
Hrx, H2 (WL [dBm])	-66.13	-63.70	-64.89	-64.90	-76.40



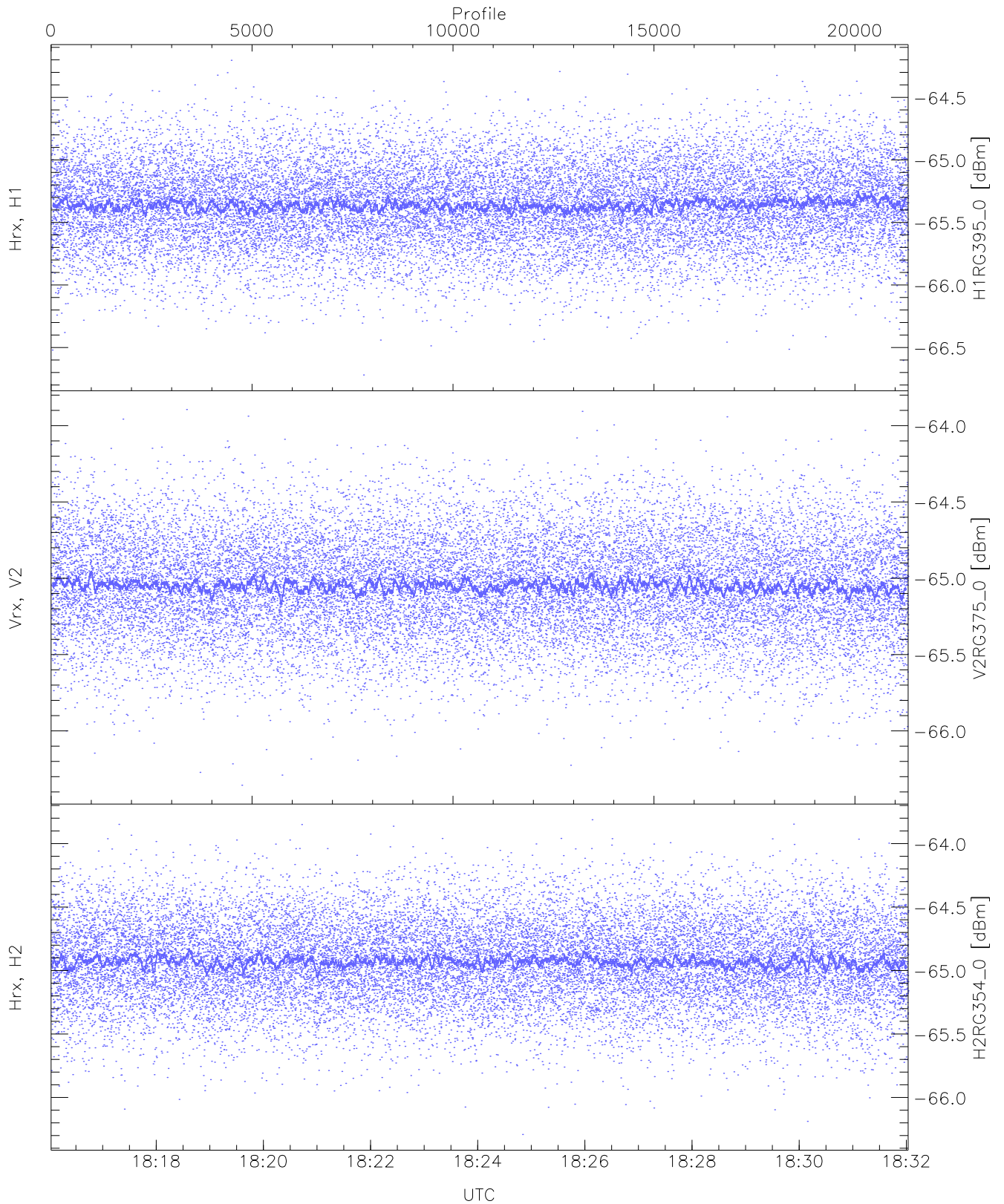
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.30	-63.57	-64.70	-64.70	-76.22
Vrx, V2 (HL [dBm])	-66.17	-63.52	-64.80	-64.81	-76.29
Hrx, H2 (HL [dBm])	-65.98	-63.17	-64.70	-64.70	-76.20



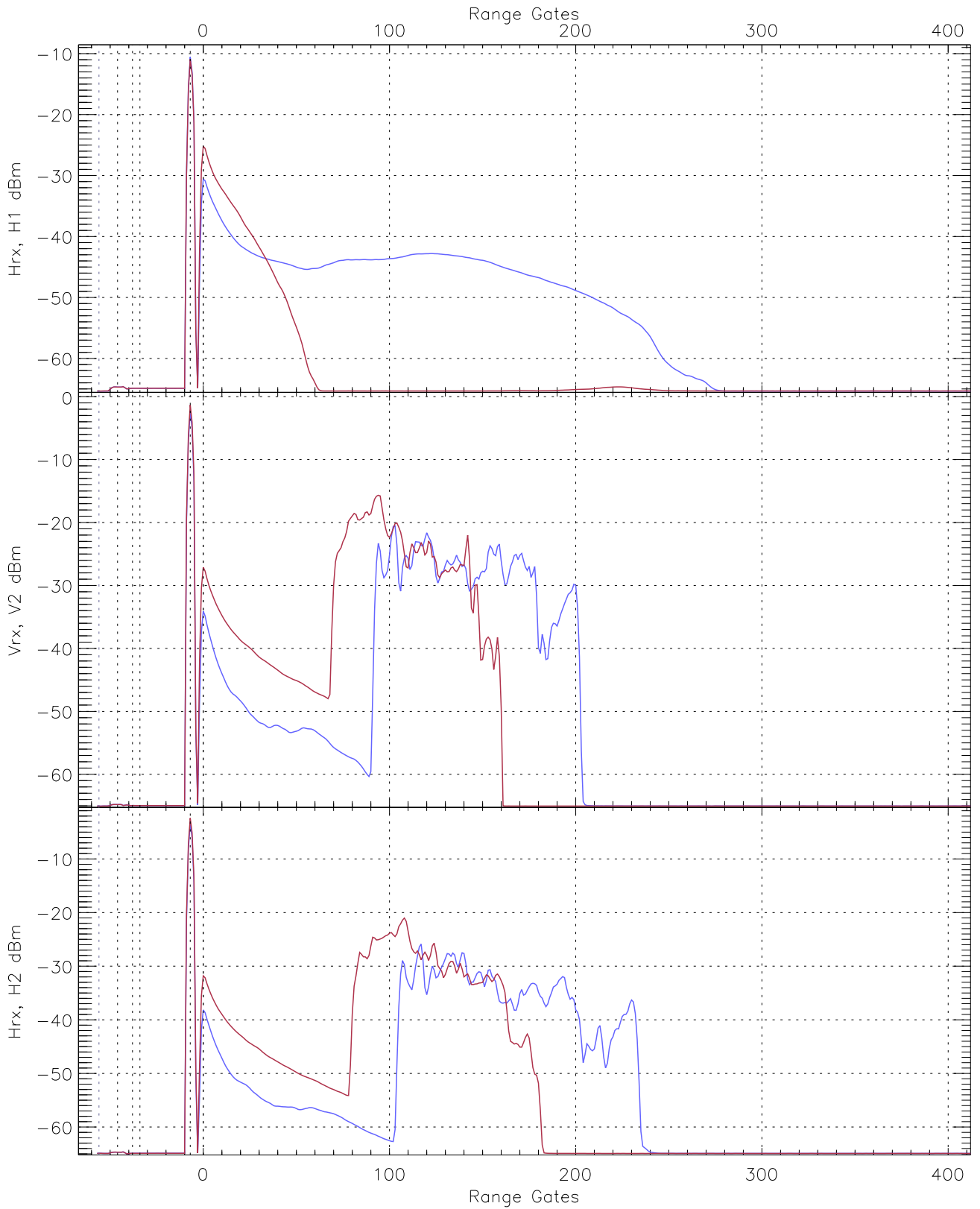
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.57	-64.07	-65.35	-65.36	-76.87
Vrx, V2 (RM [dBm])	-66.38	-63.20	-65.04	-65.05	-76.55
Hrx, H2 (RM [dBm])	-66.19	-63.65	-64.89	-64.90	-76.40

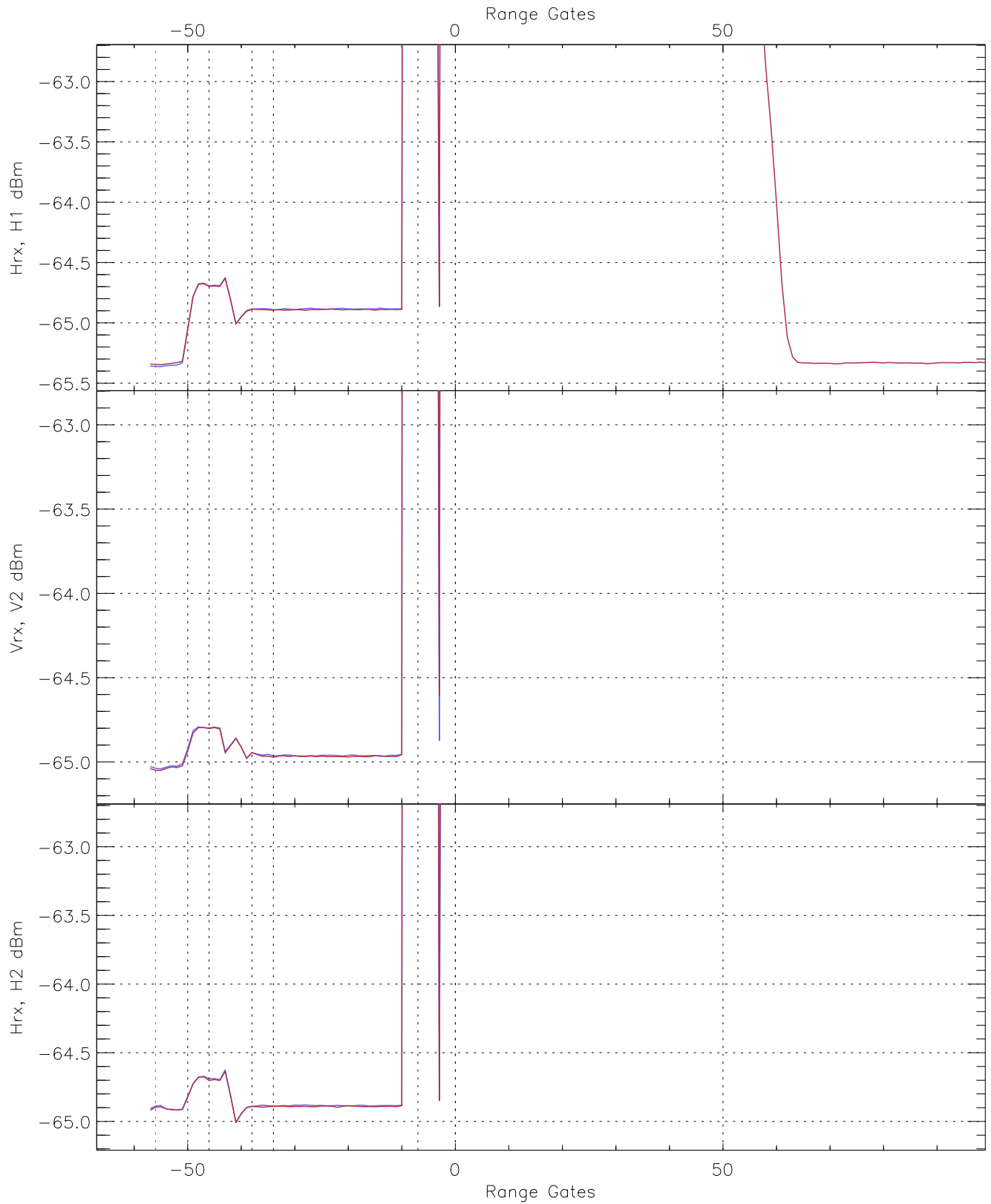


WCR3 CPP "Best" estimate Receivers Noise Power

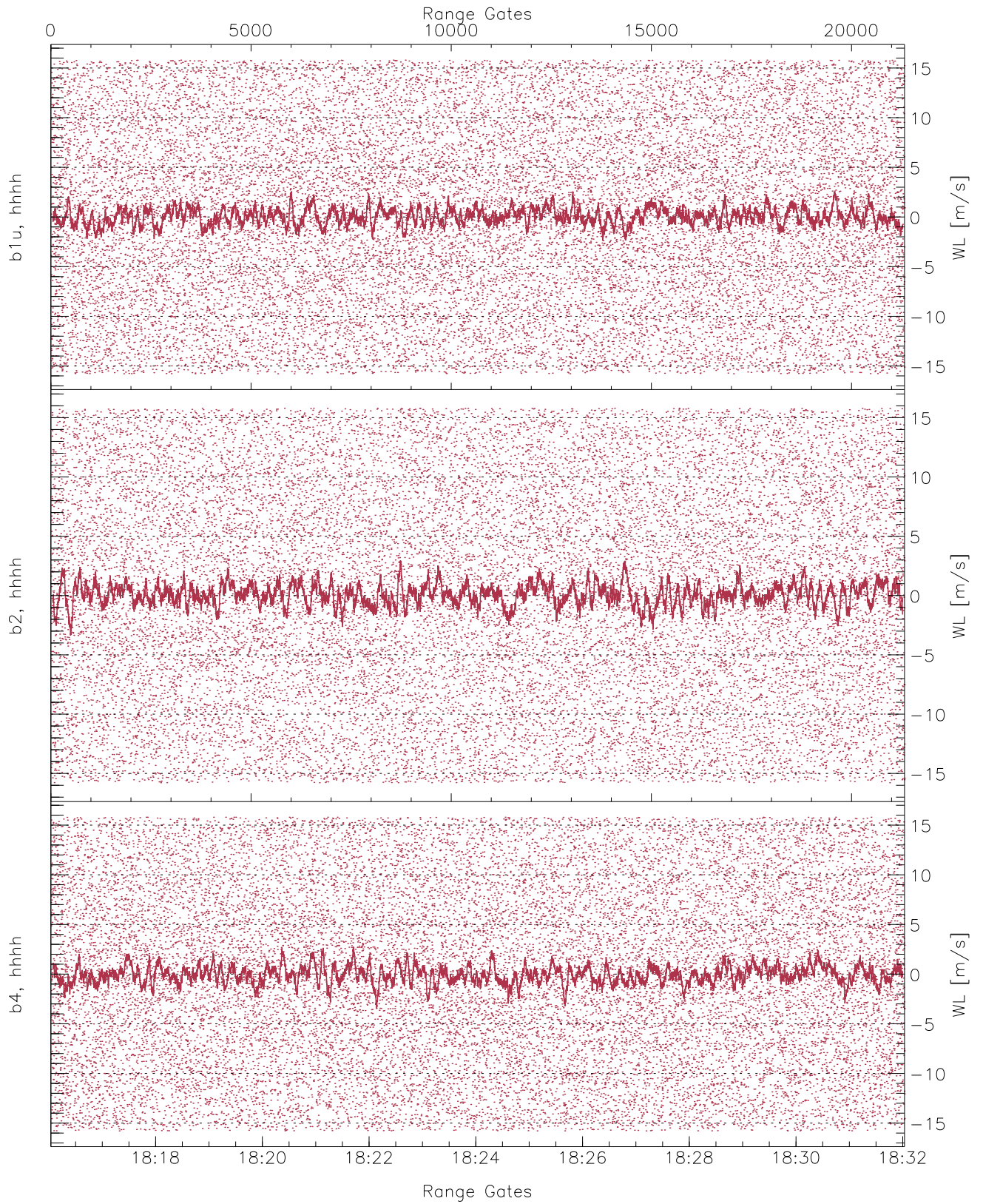
	Min	Max	Mean	Median	StDev
H1RG395_0 [dBm]	-66.72	-64.20	-65.35	-65.36	-76.87
V2RG375_0 [dBm]	-66.36	-63.89	-65.04	-65.05	-76.55
H2RG354_0 [dBm]	-66.29	-63.81	-64.92	-64.93	-76.42



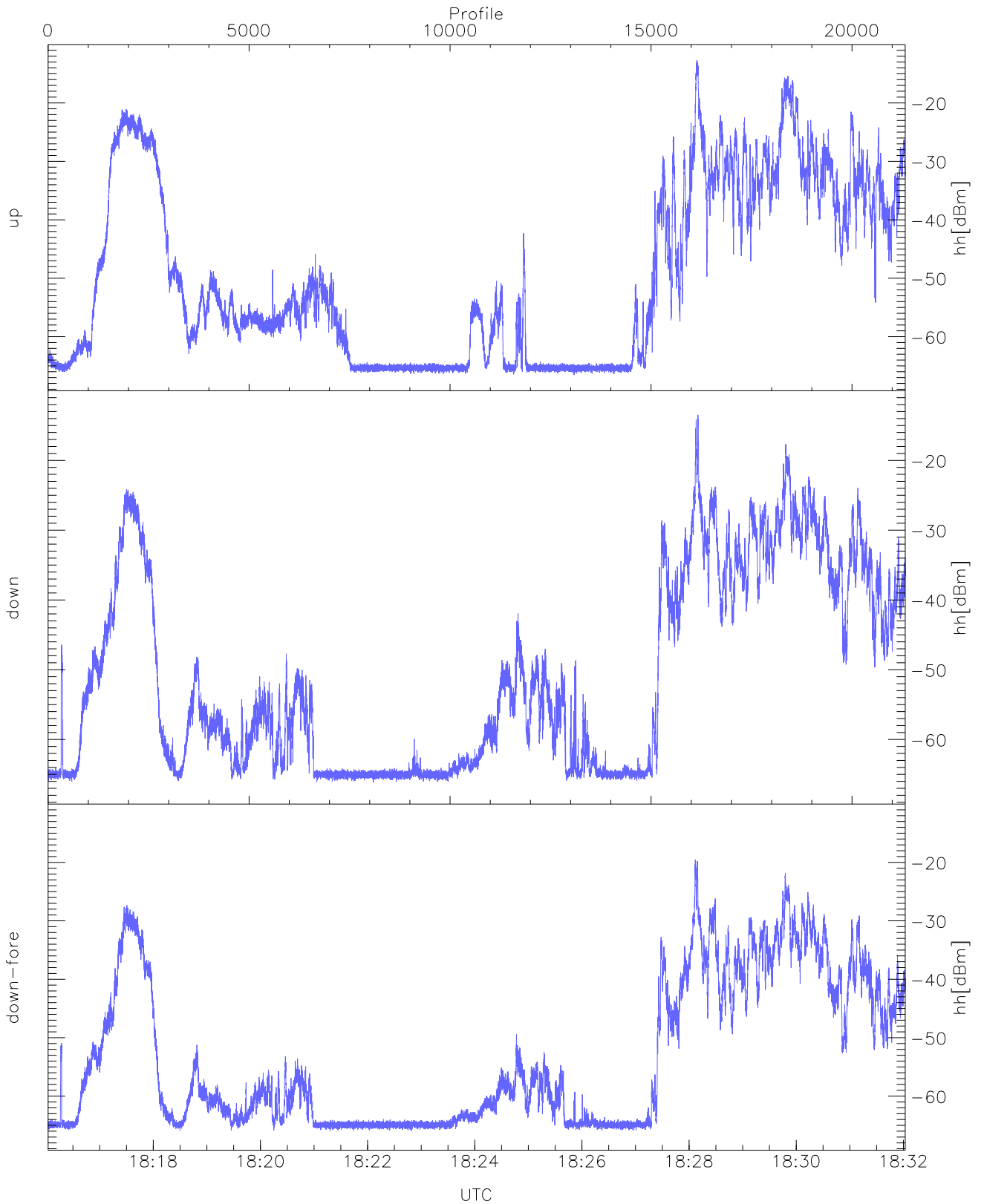
WCR3 CPP Averaged Received power for all recorded gates
blue: 181602-182402, 10664 profiles averaged
red: 182402-183202, 10663 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 181602-182402, 10664 profiles averaged
red: 182402-183202, 10663 profiles averaged

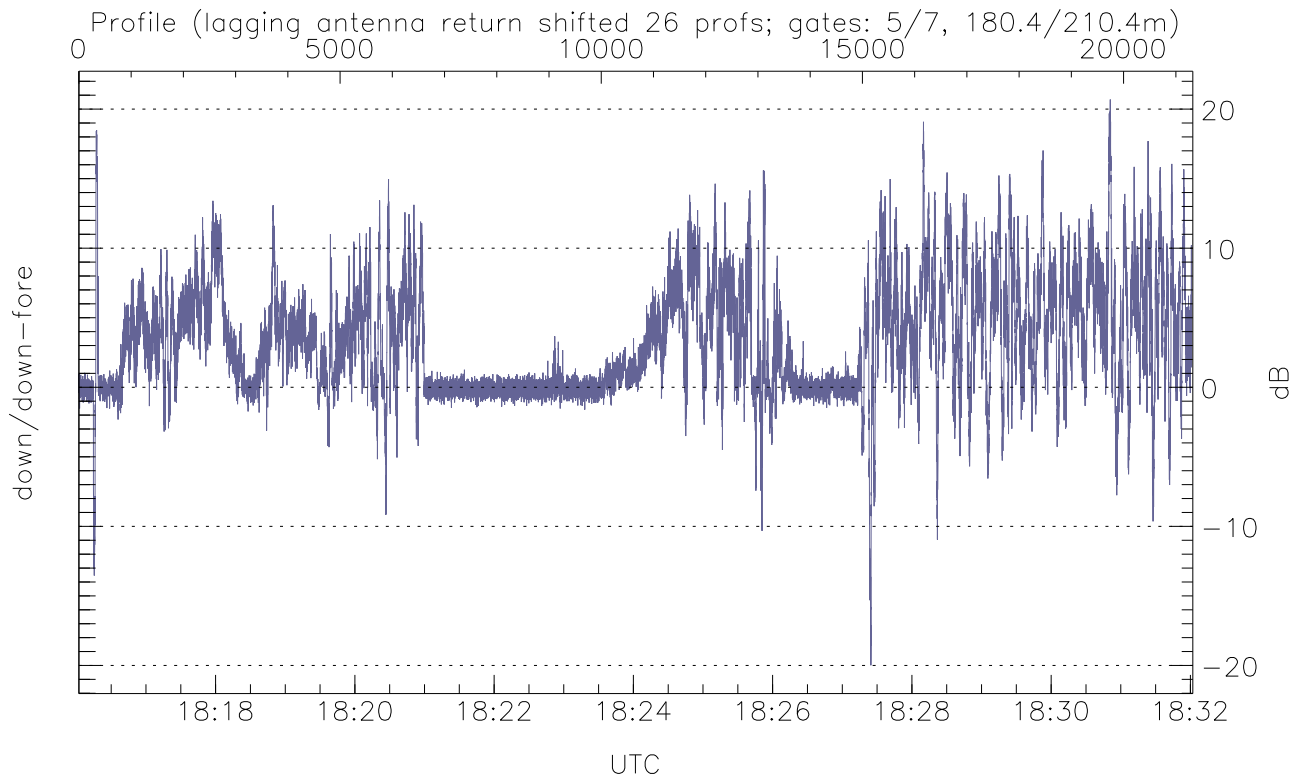
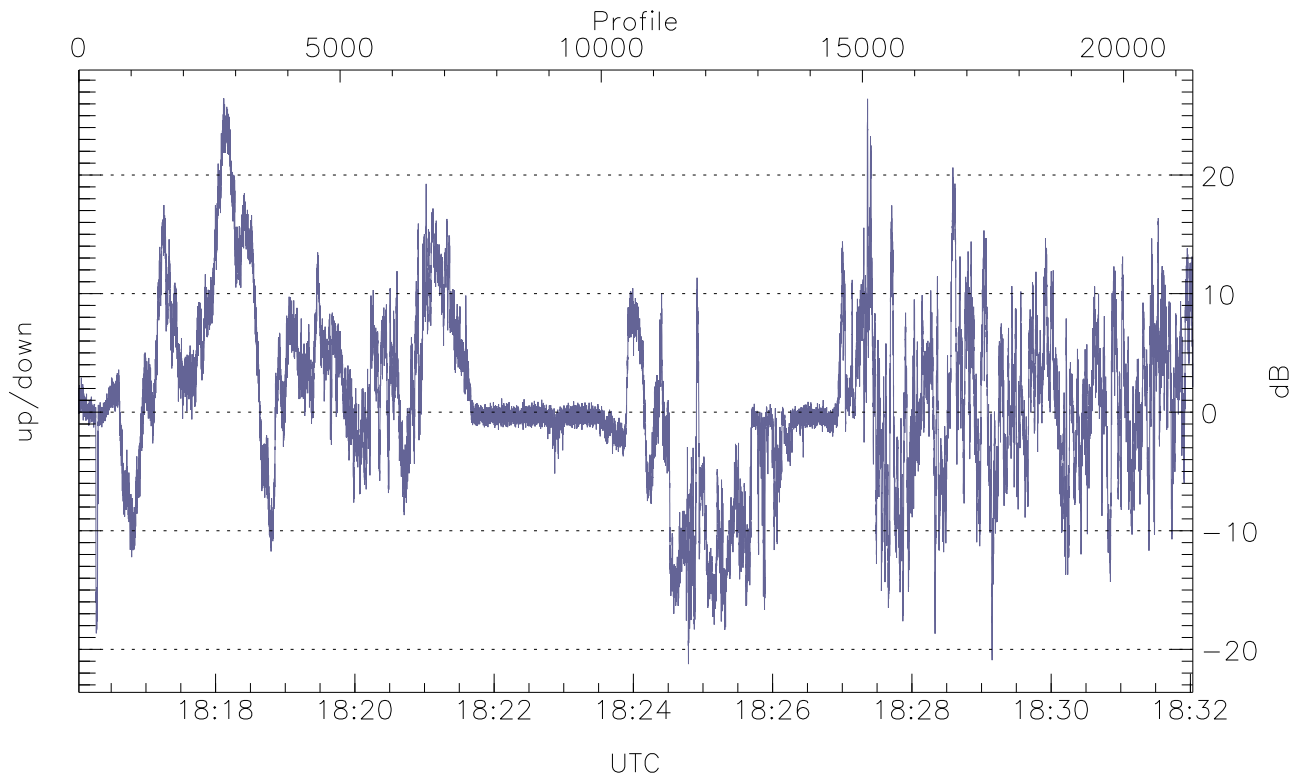


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



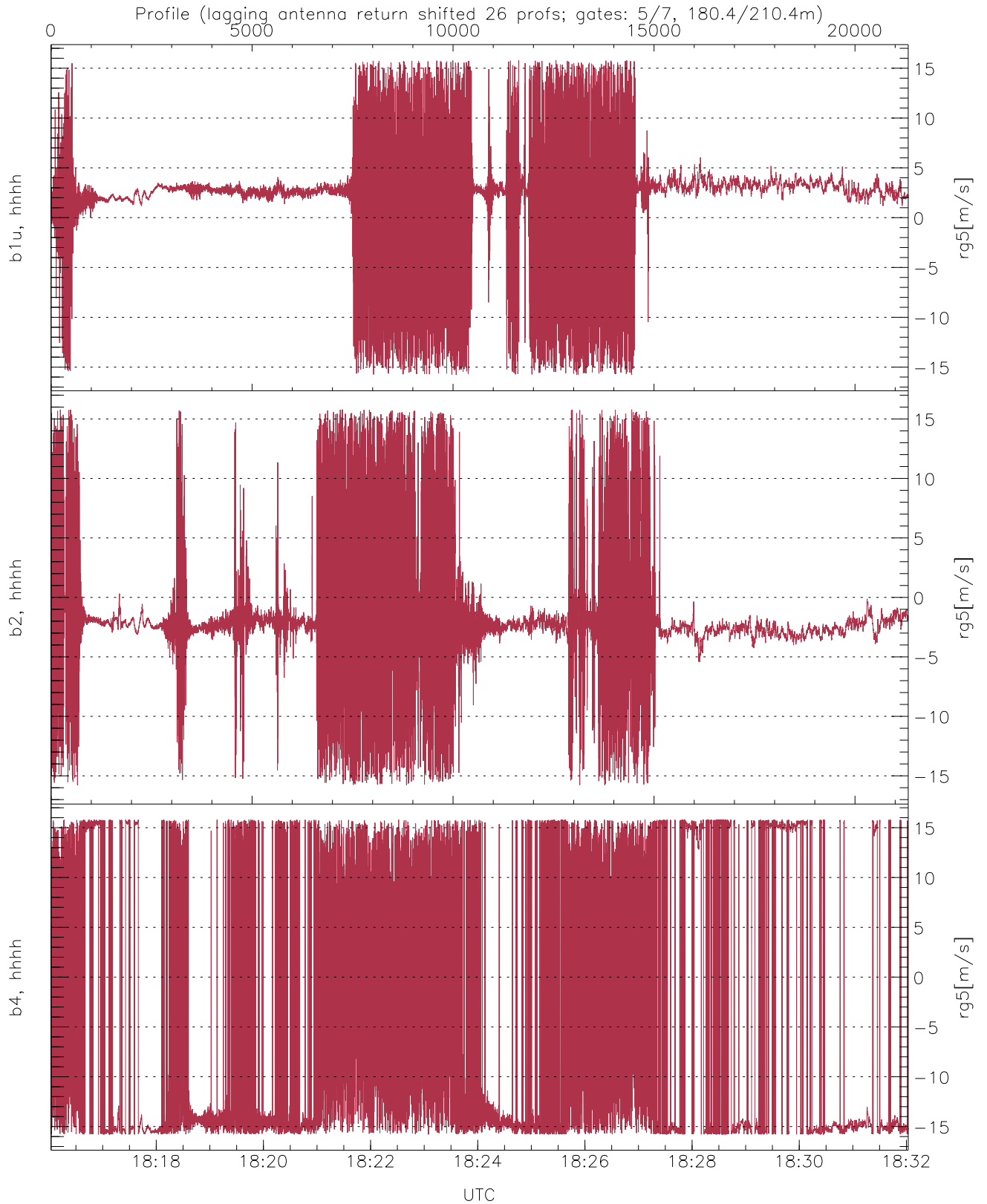
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.56	-12.71	-31.18
down(hh[dBm])	-66.13	-13.46	-33.96
down-fore(hh[dBm])	-65.98	-19.51	-38.17



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

	Min	Max	Mean
up/down (dB)	-21.24	26.47	1.06
down/down-fore (dB)	-19.99	20.69	3.21



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.04	4.74
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.81	4.50
b4, hhhh(rg5[m/s])	-15.79	15.79	-4.83	12.58