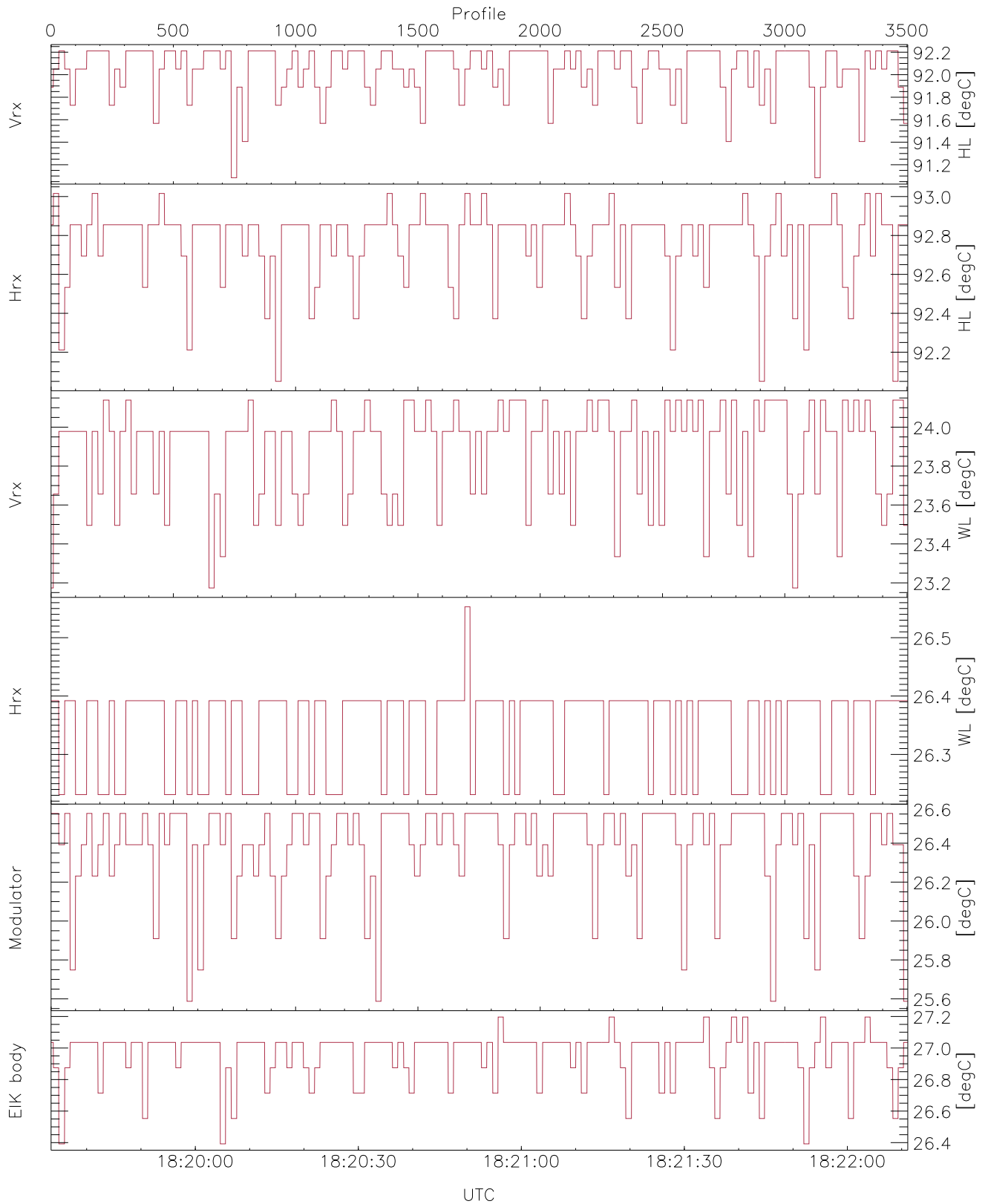


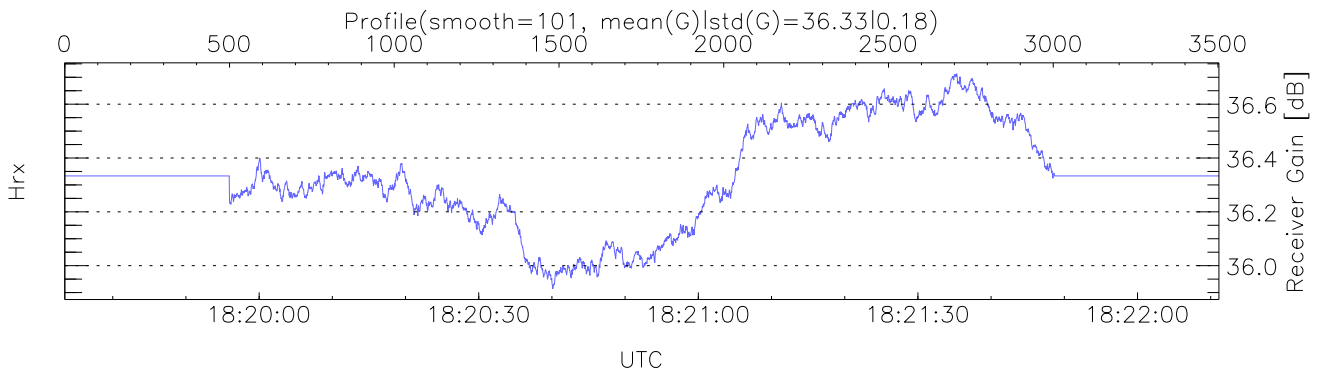
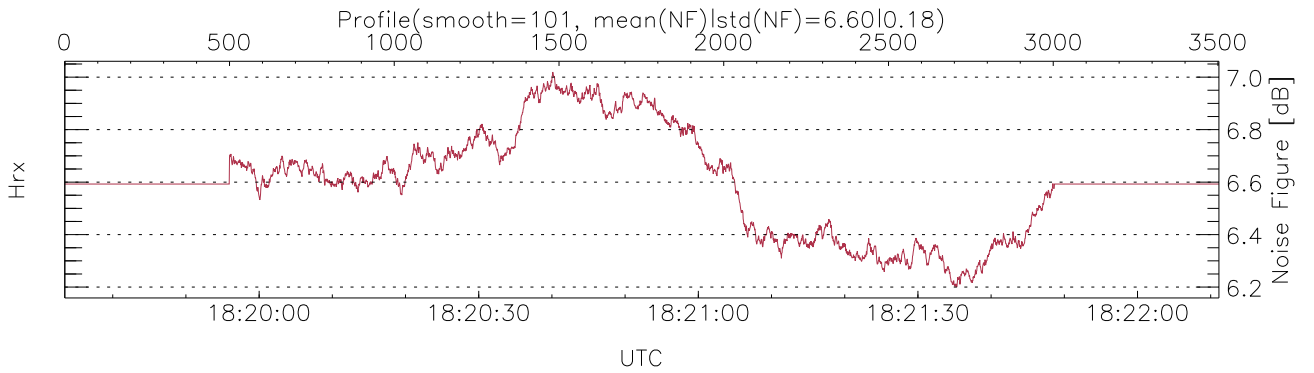
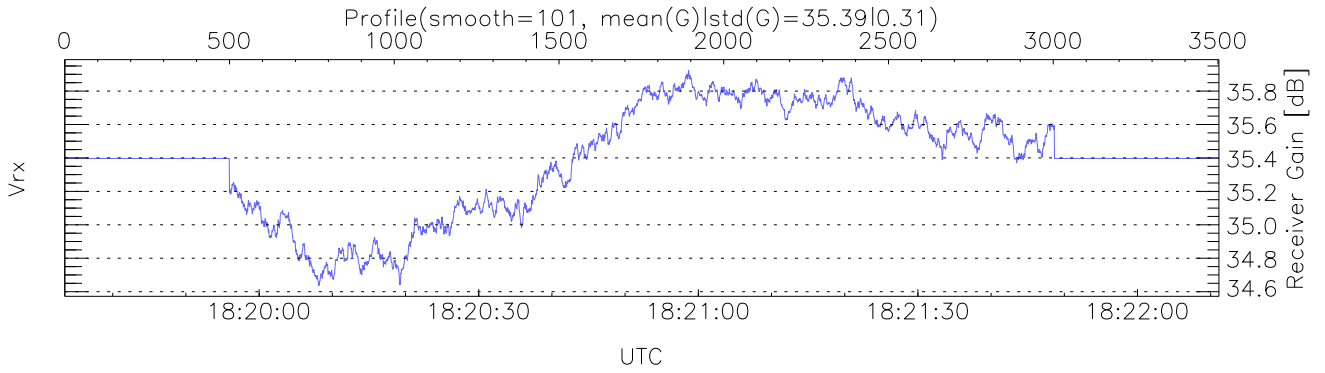
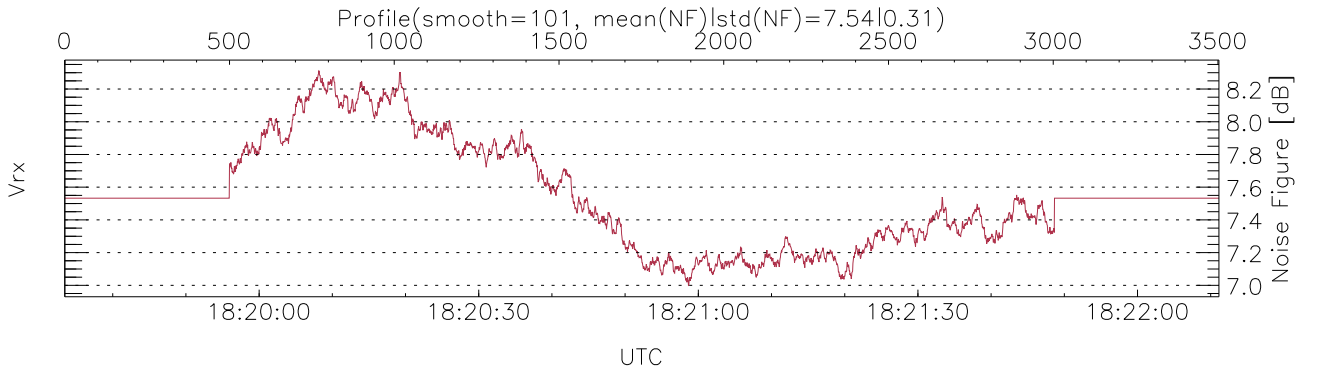
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:19:33-18:22:11, TimeCor: 0.00s, Dur: 157.67s
 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): 3504/3504, 0-3503/18:19:33-18:22:11
 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



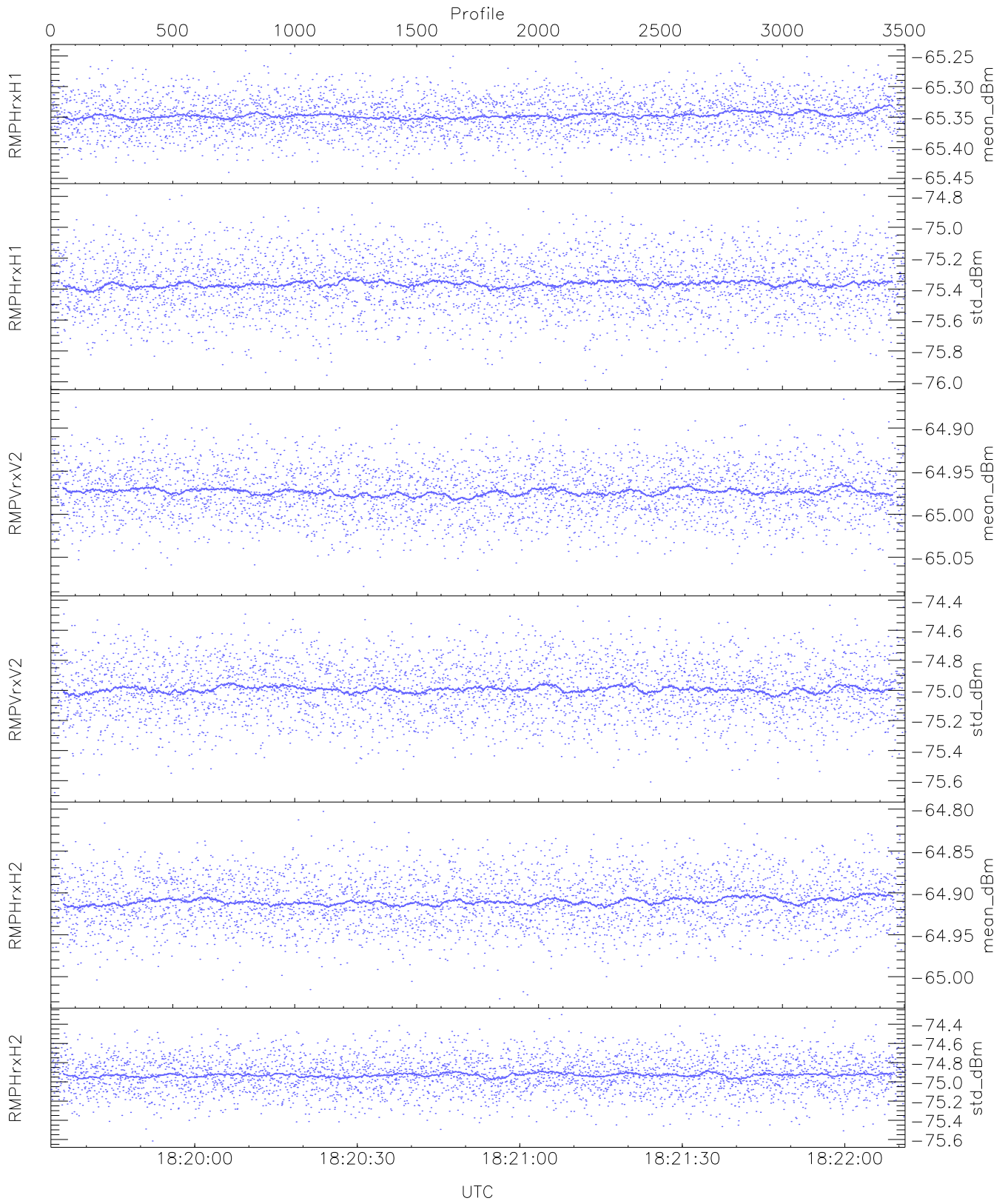
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



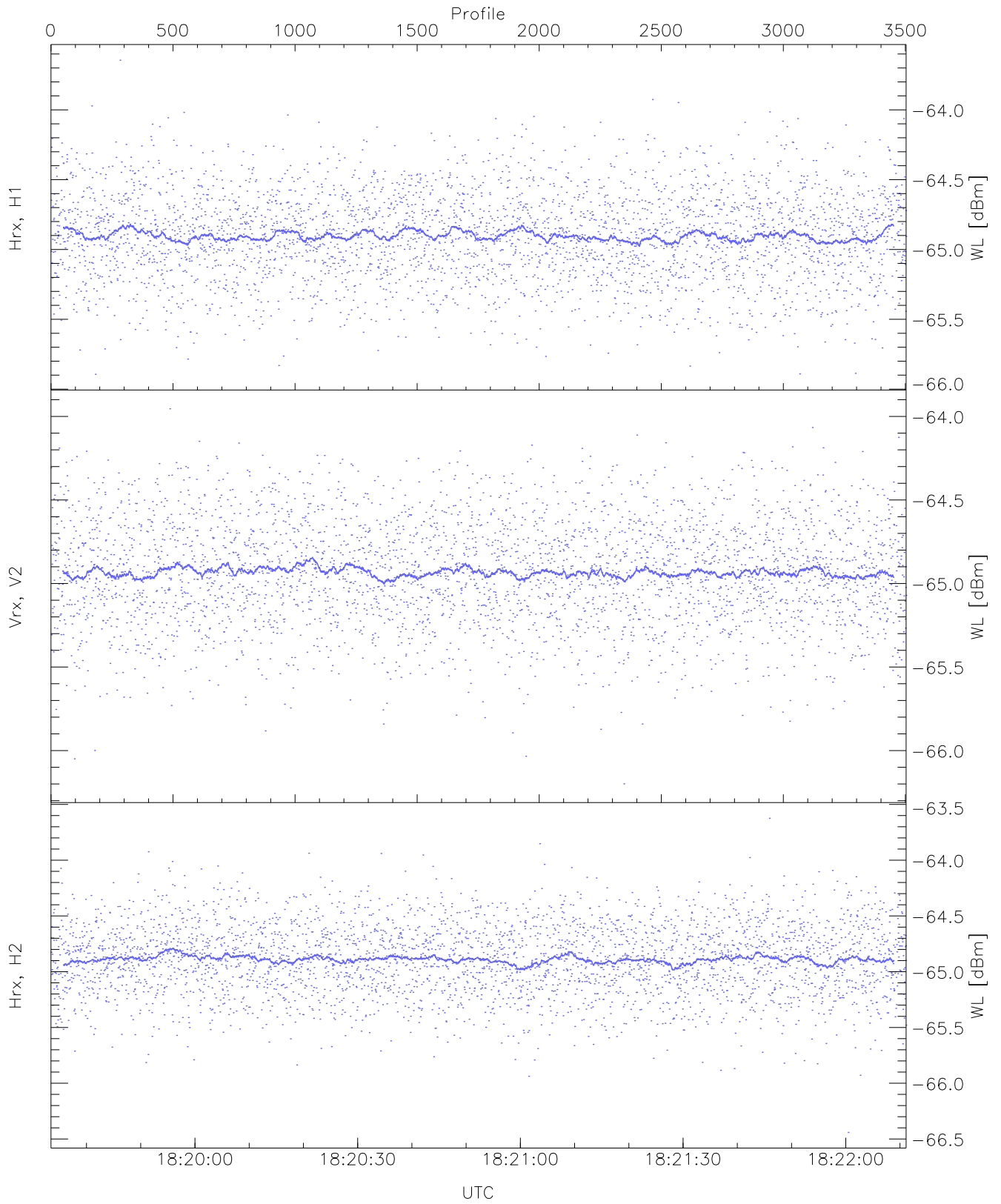
WCR3 CPP Receivers Gain and Noise Figure

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



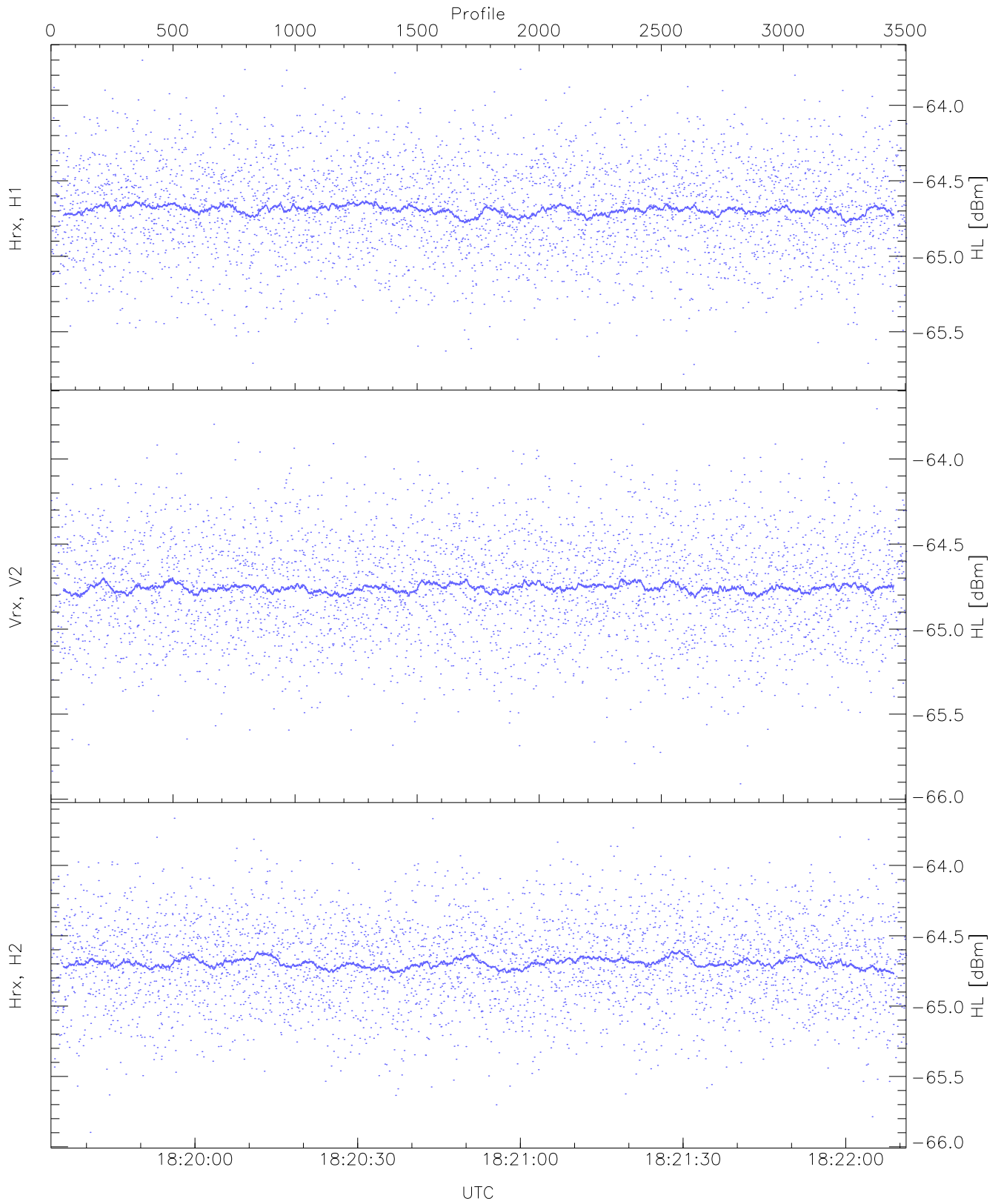
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.45	-65.24	-65.35	-65.35	-86.93
RMPHrxH1(std_dBm)	-75.99	-74.78	-75.36	-75.37	-89.18
RMPVrxV2(mean_dBm)	-65.08	-64.87	-64.97	-64.97	-86.69
RMPVrxV2(std_dBm)	-75.68	-74.43	-74.99	-75.00	-88.77
RMPHrxH2(mean_dBm)	-65.03	-64.80	-64.91	-64.91	-86.47
RMPHrxH2(std_dBm)	-75.62	-74.30	-74.93	-74.93	-88.68



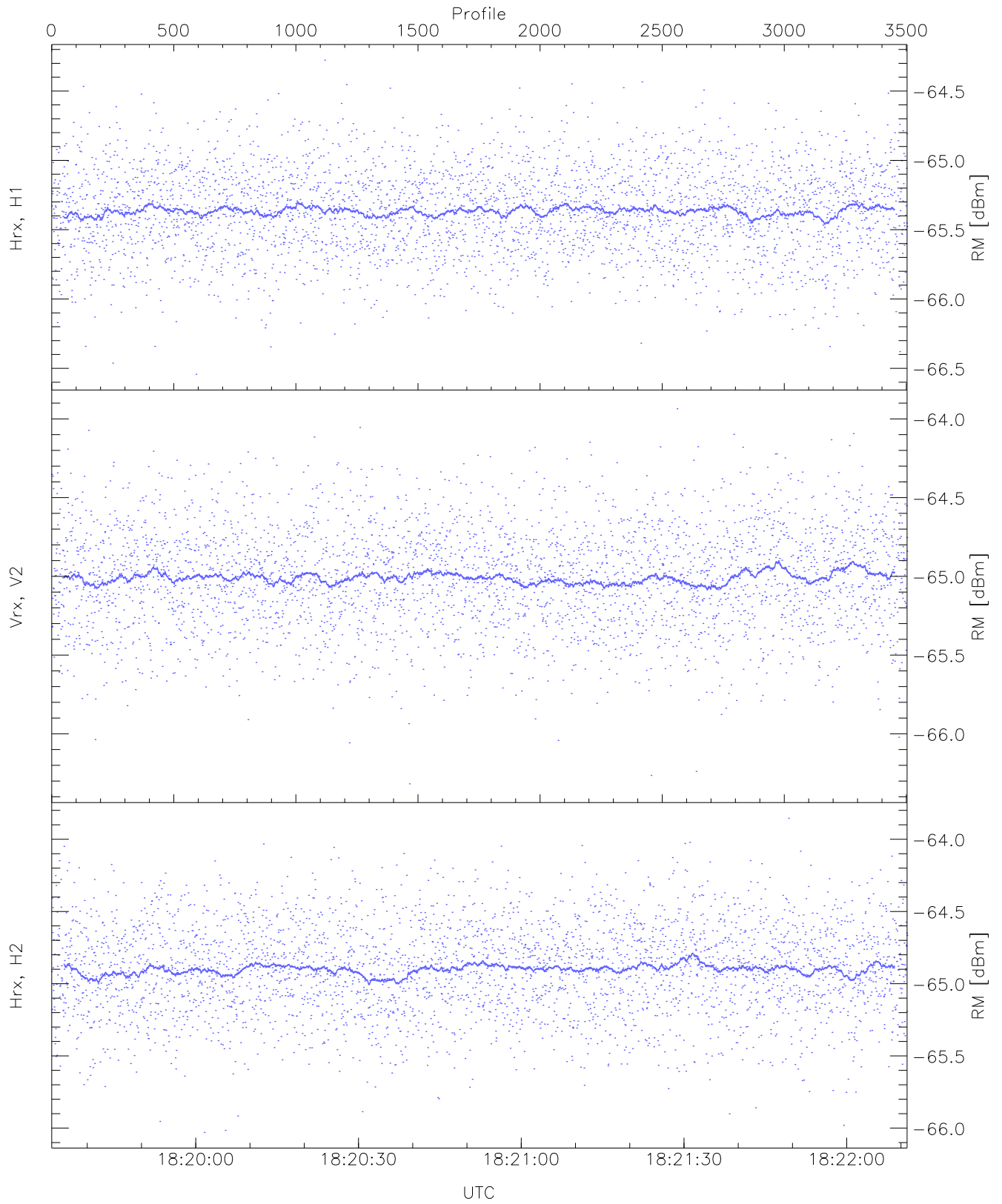
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.89	-63.64	-64.89	-64.90	-76.40
Vrx, V2 (WL [dBm])	-66.20	-63.95	-64.92	-64.93	-76.46
Hrx, H2 (WL [dBm])	-66.44	-63.62	-64.88	-64.88	-76.34



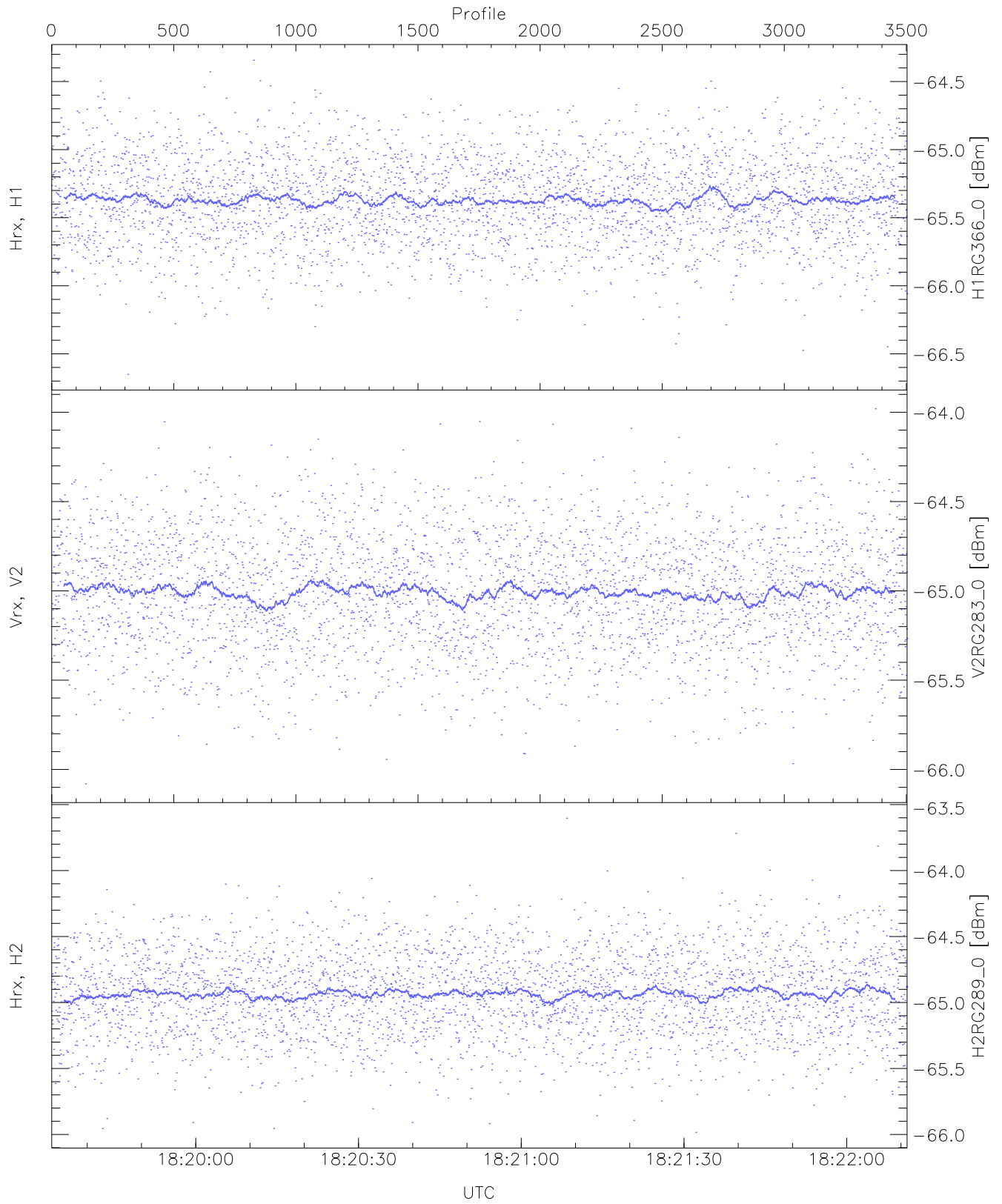
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.78	-63.70	-64.68	-64.69	-76.19
Vrx, V2 (HL [dBm])	-65.91	-63.71	-64.75	-64.76	-76.34
Hrx, H2 (HL [dBm])	-65.90	-63.67	-64.69	-64.69	-76.22



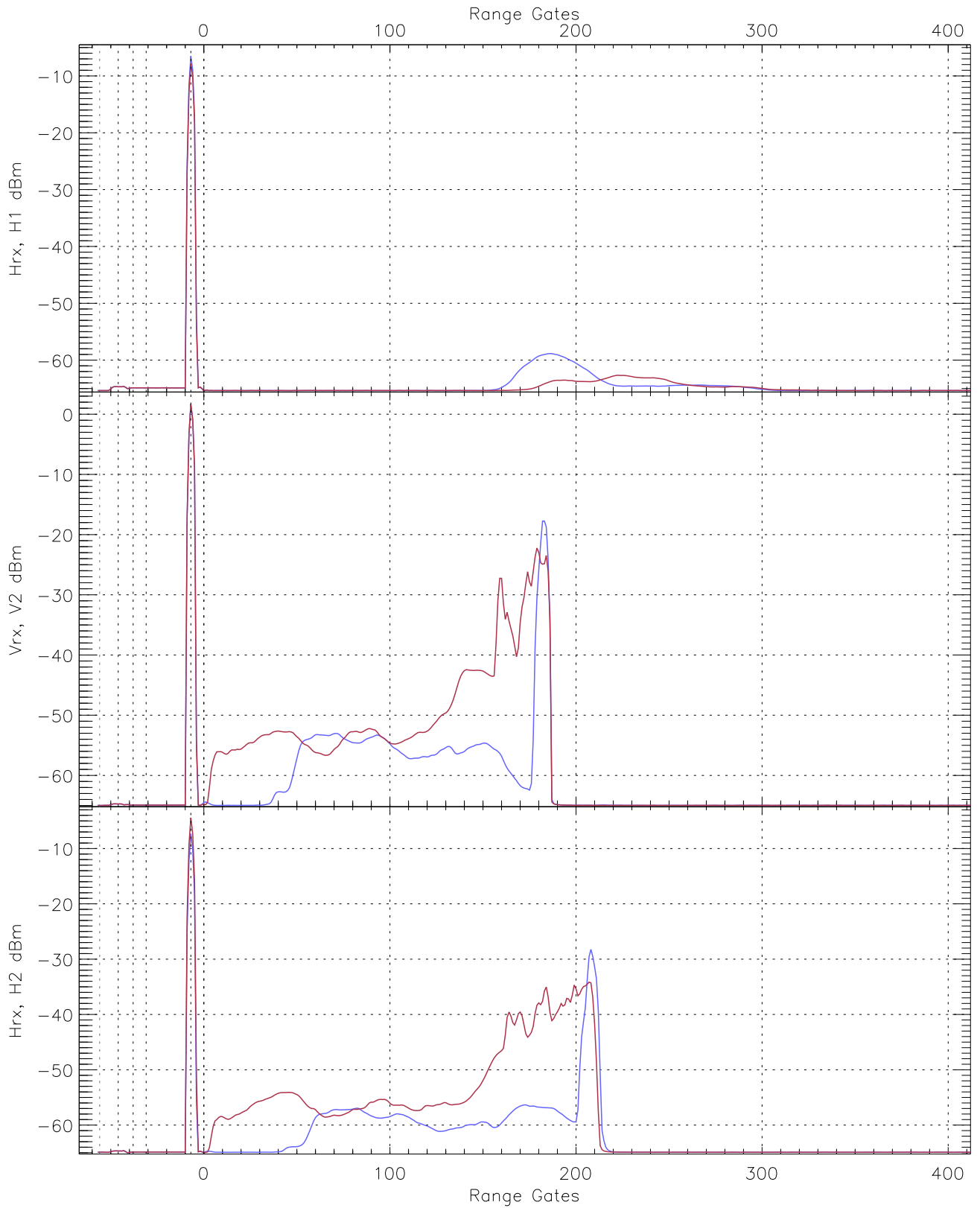
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.54	-64.28	-65.36	-65.36	-76.91
Vrx, V2 (RM [dBm])	-66.32	-63.94	-65.00	-65.00	-76.44
Hrx, H2 (RM [dBm])	-66.03	-63.85	-64.89	-64.89	-76.41

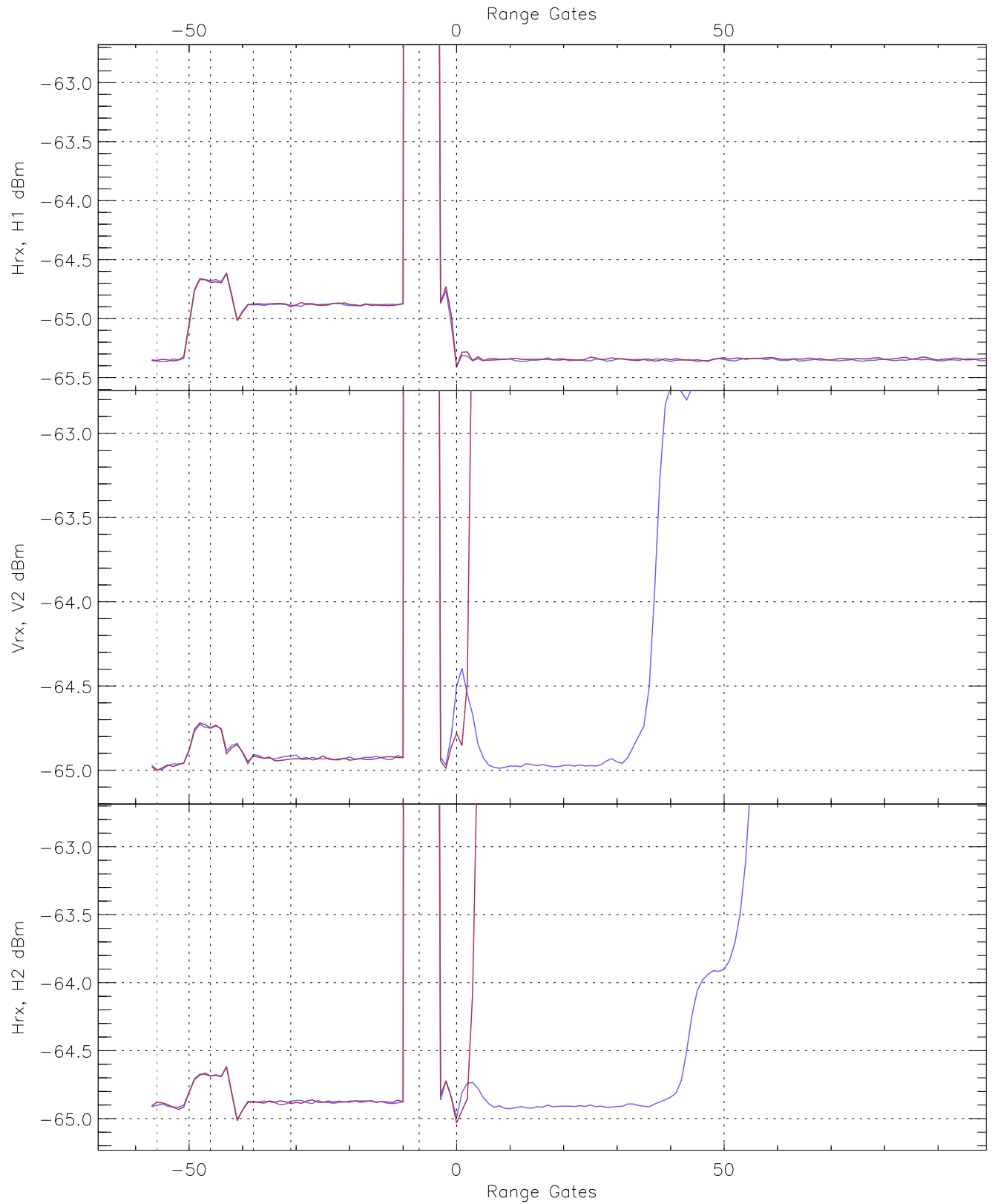


WCR3 CPP "Best" estimate Receivers Noise Power

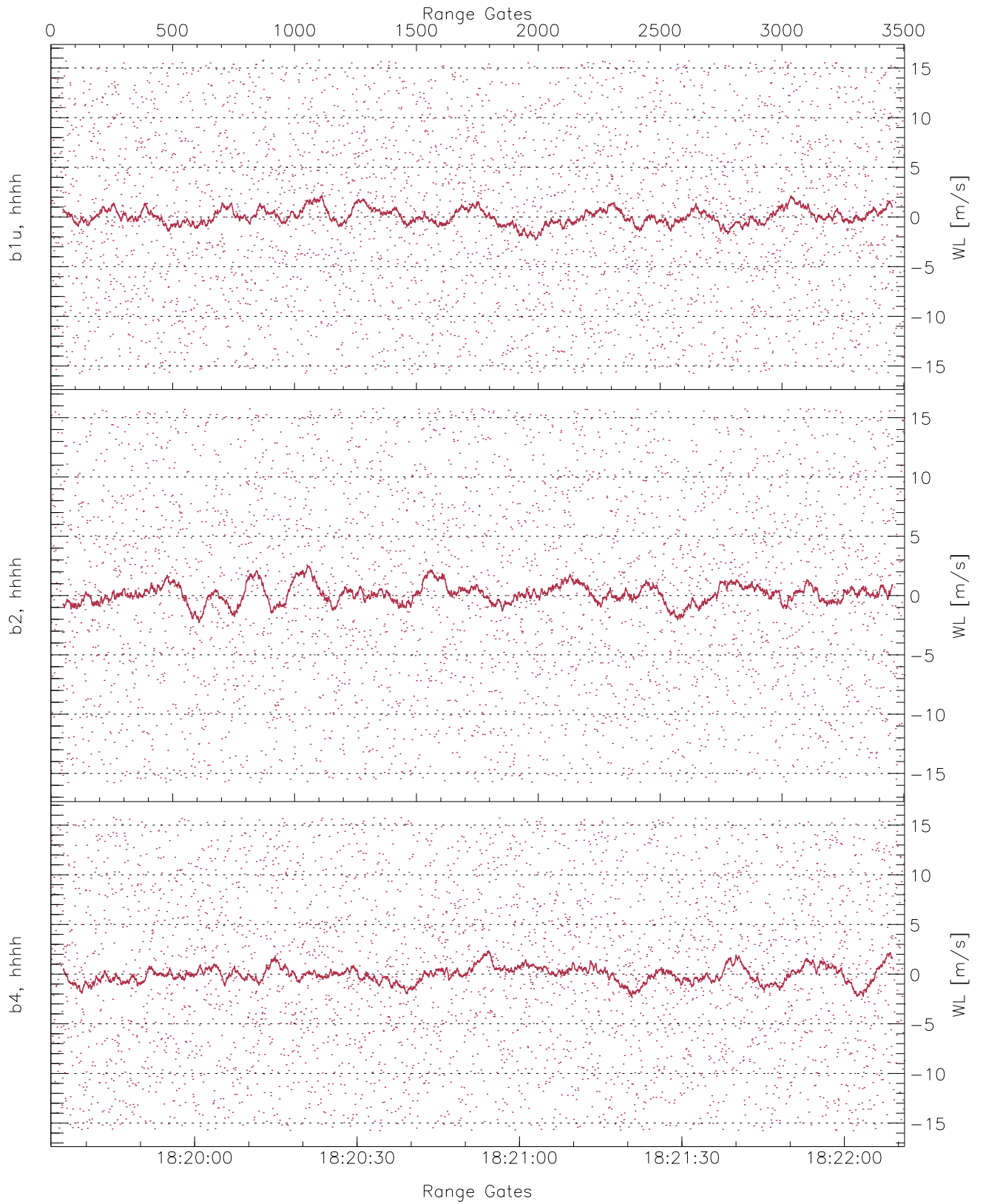
	Min	Max	Mean	Median	StDev
H1RG366_0 [dBm]	-66.65	-64.34	-65.36	-65.37	-76.86
V2RG283_0 [dBm]	-66.08	-63.98	-65.00	-65.01	-76.46
H2RG289_0 [dBm]	-65.98	-63.60	-64.93	-64.93	-76.47



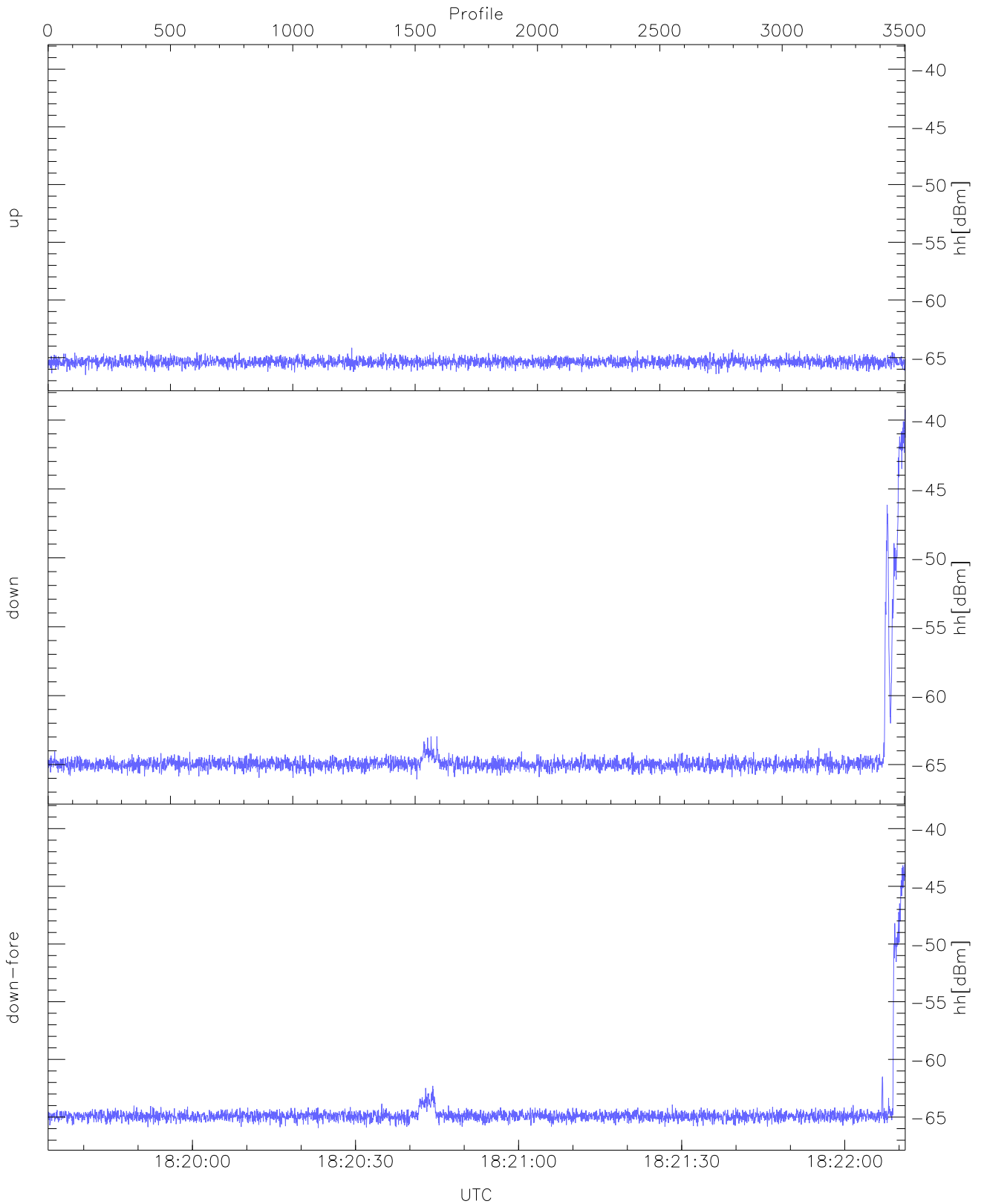
WCR3 CPP Averaged Received power for all recorded gates
blue: 181933-182052, 1753 profiles averaged
red: 182052-182211, 1752 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 181933-182052, 1753 profiles averaged
red: 182052-182211, 1752 profiles averaged

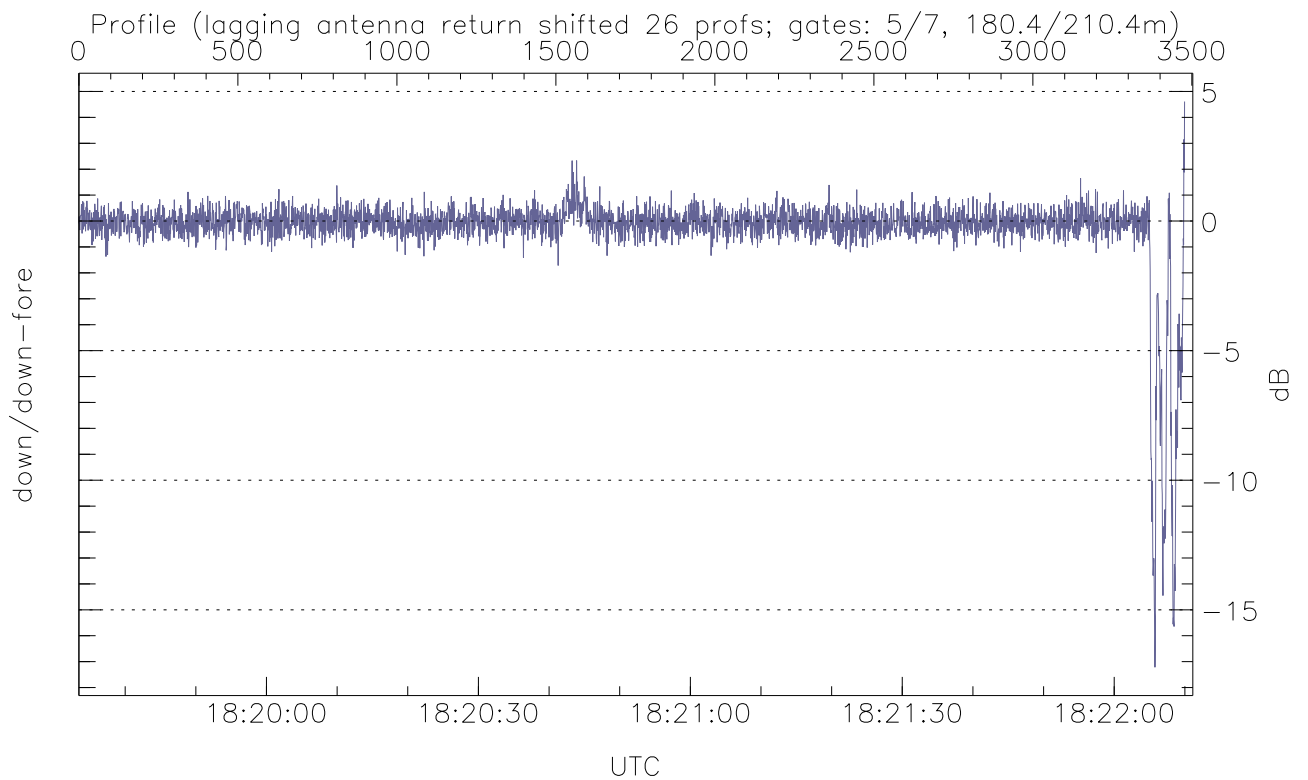
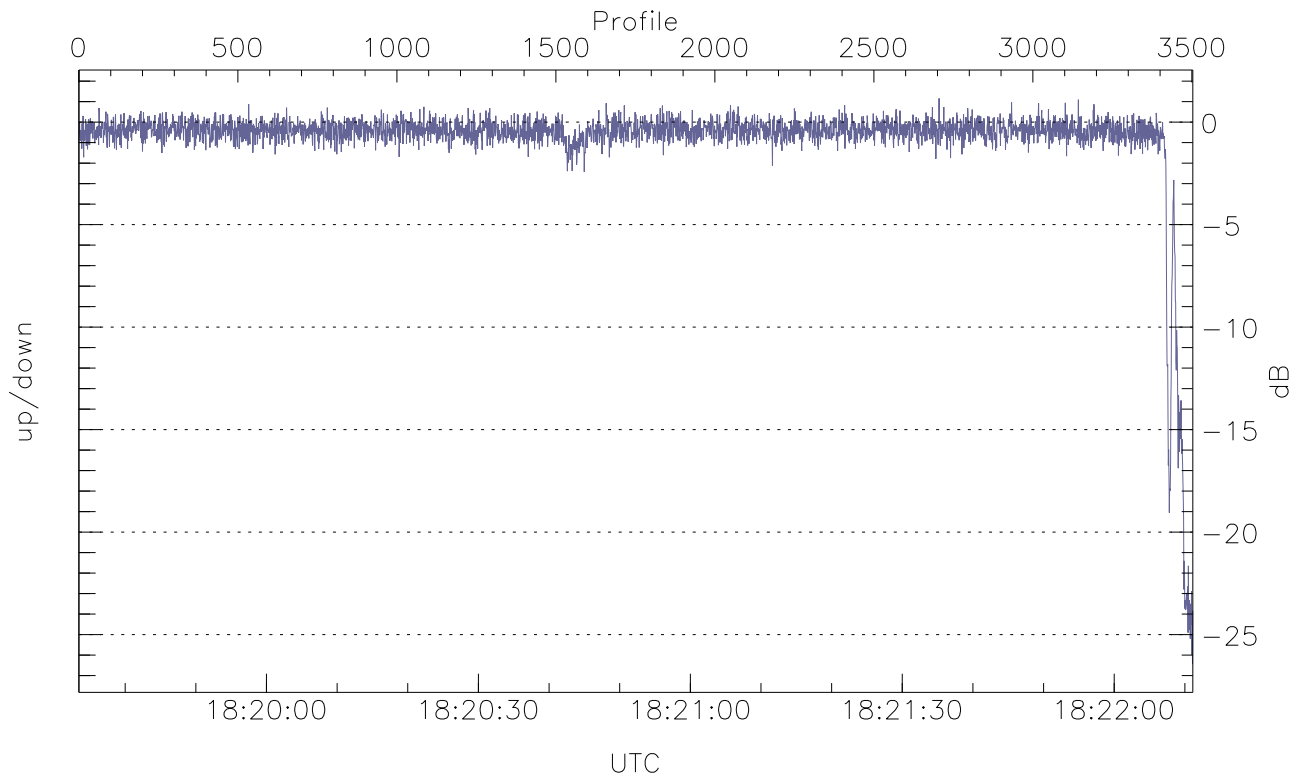


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



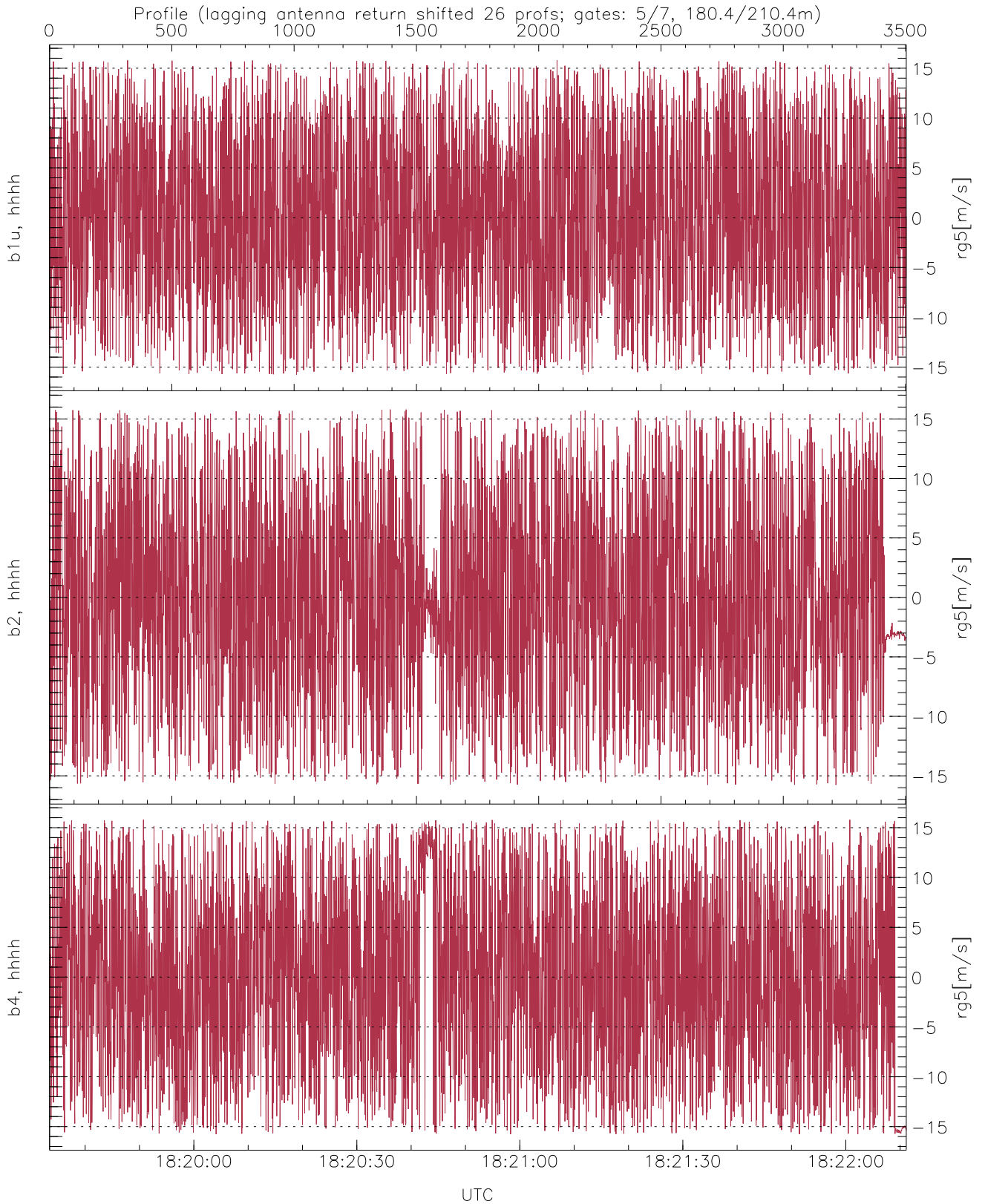
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.50	-64.15	-65.36
down(hh[dBm])	-66.08	-39.23	-59.91
down-fore(hh[dBm])	-65.93	-43.10	-61.98



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

	Min	Max	Mean
up/down (dB)	-26.44	1.16	-0.79
down/down-fore (dB)	-17.22	4.61	-0.27



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.16	8.54
b2, hhhh(rg5[m/s])	-15.76	15.79	-0.19	8.37
b4, hhhh(rg5[m/s])	-15.76	15.79	-0.02	9.07