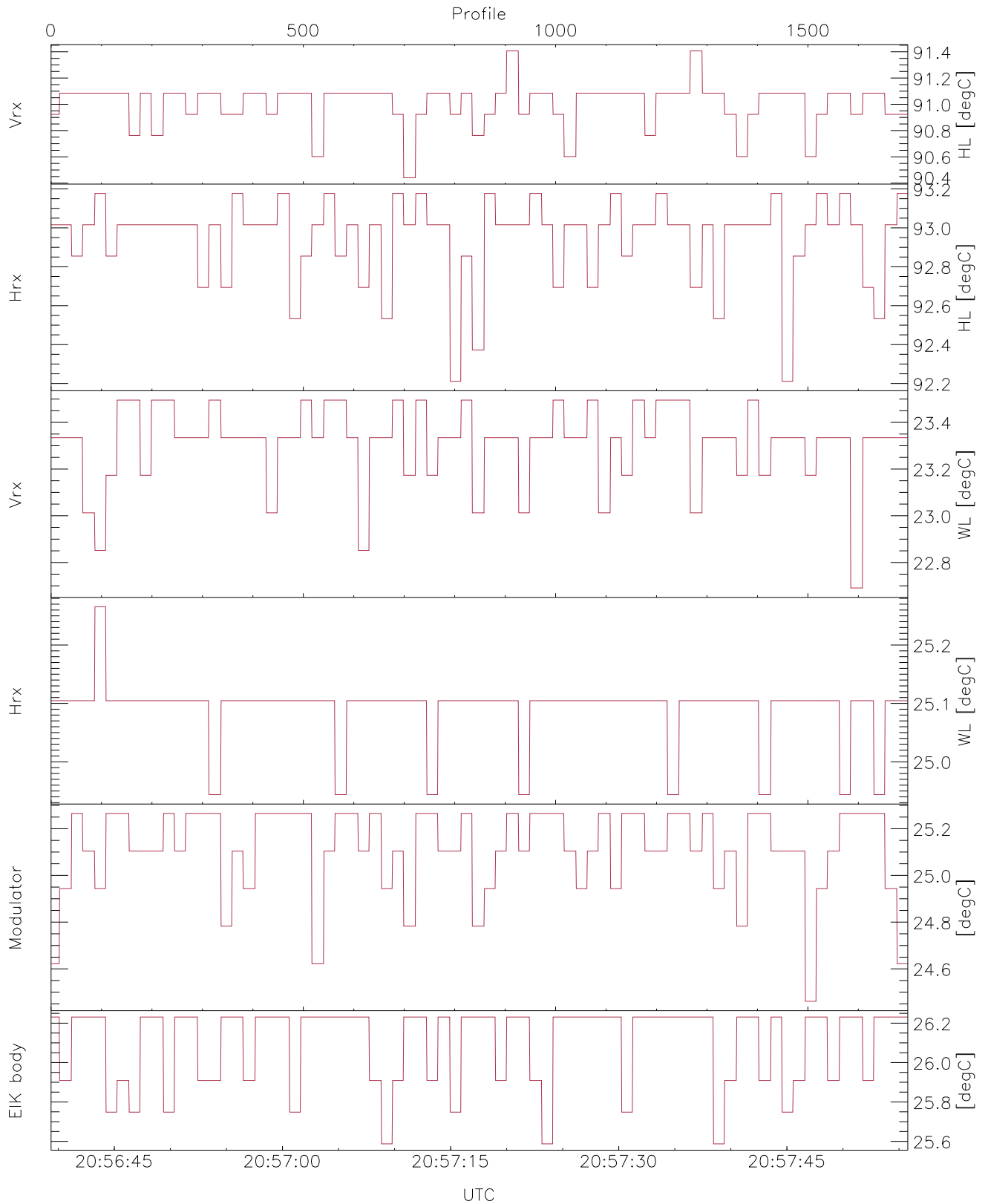


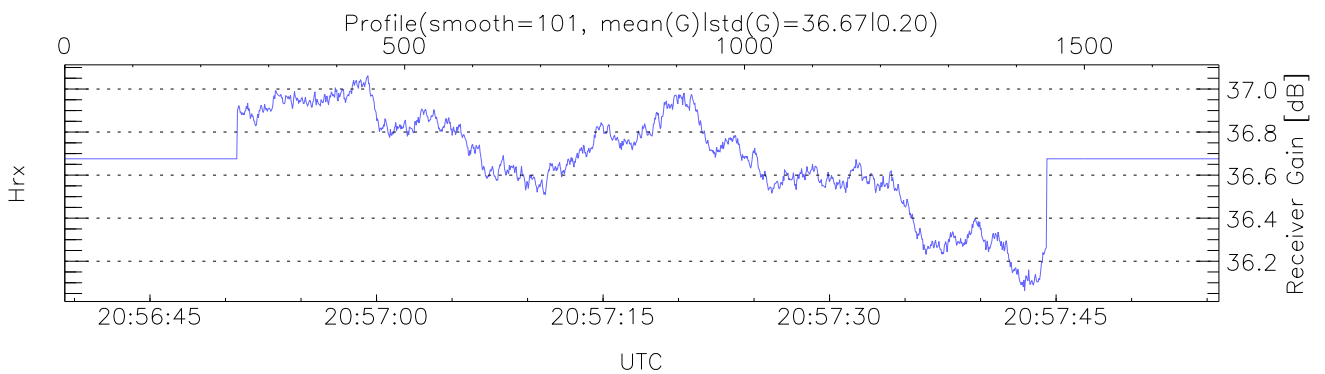
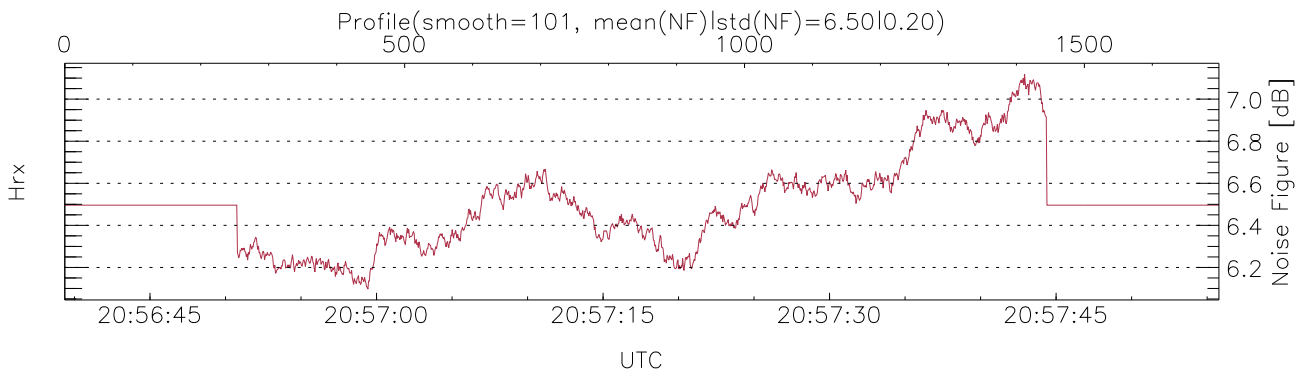
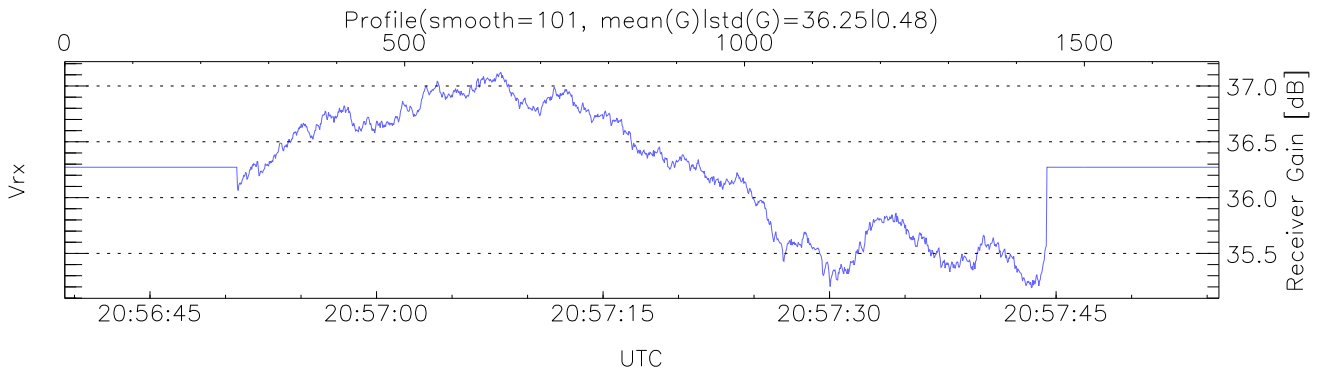
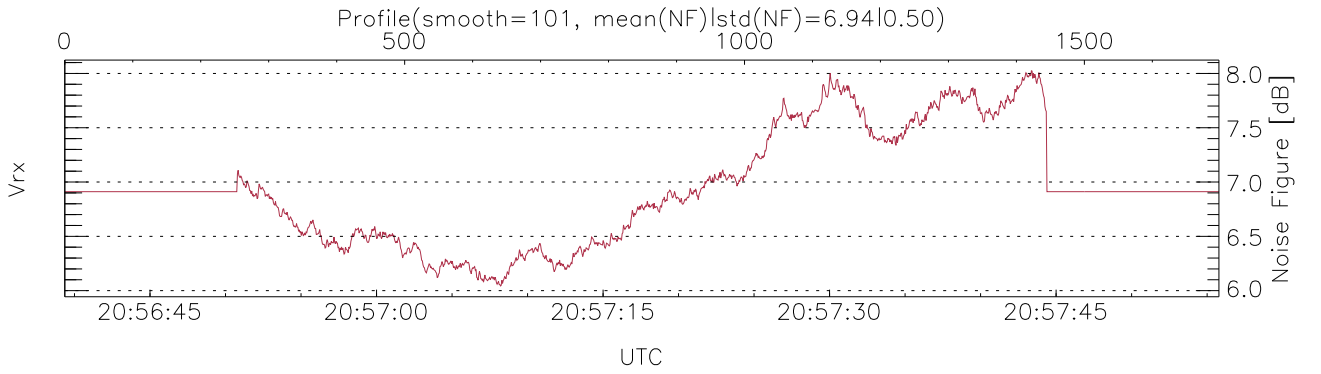
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:56:39-20:57:56, TimeCor: 0.00s, Dur: 76.43s
 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): 1699/1699, 0-1698/20:56:39-20:57:56
 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



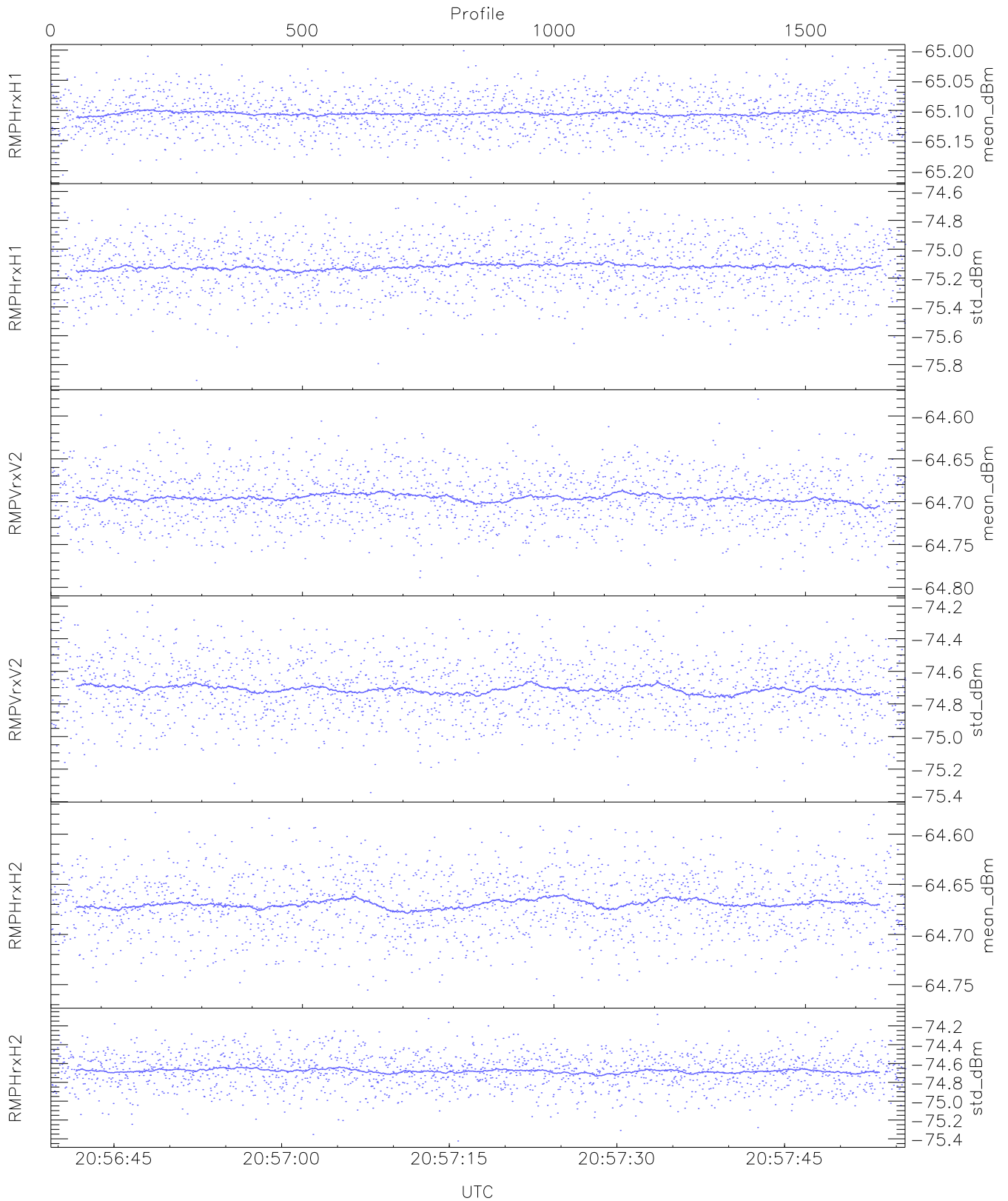
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,24,25
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,25,25,26
 LOalarm(20,240,2817,14861 MHz): None
 EIK/Modulator Faults: None



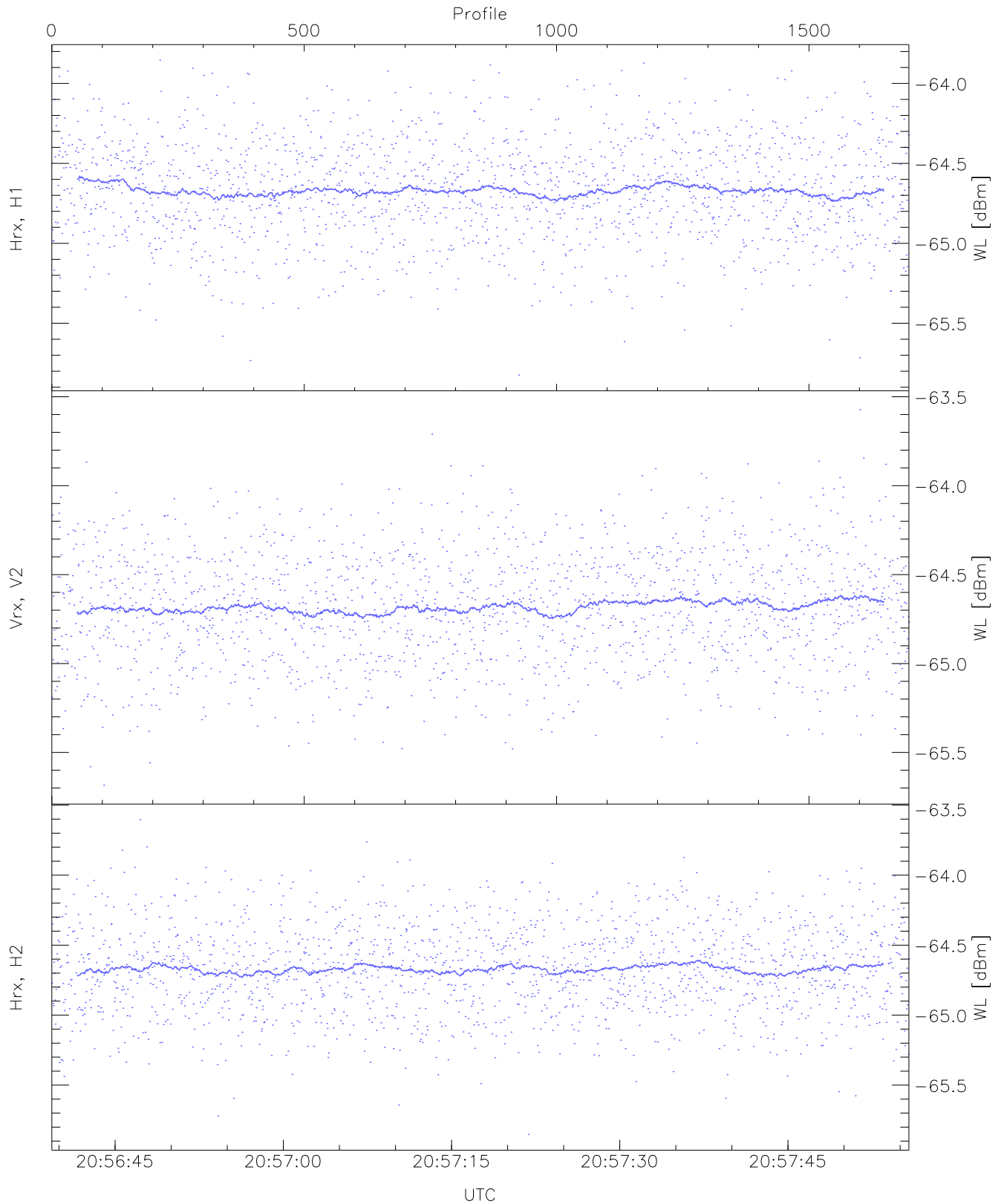
WCR3 CPP Receivers Gain and Noise Figure

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



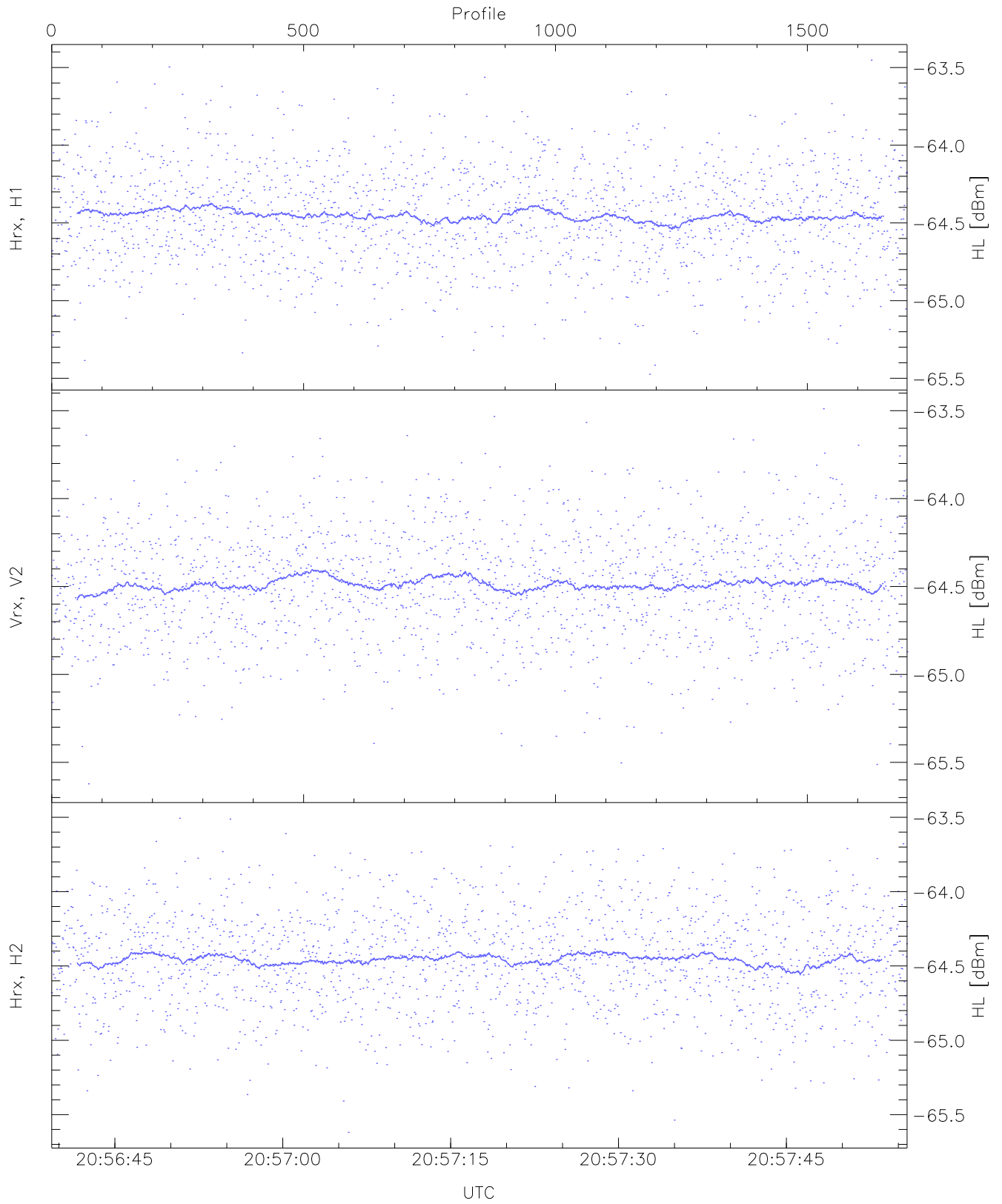
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.21	-65.00	-65.11	-65.11	-86.57
RMPHrxH1(std_dBm)	-75.91	-74.61	-75.12	-75.12	-88.92
RMPVrxV2(mean_dBm)	-64.80	-64.58	-64.70	-64.70	-86.26
RMPVrxV2(std_dBm)	-75.34	-74.19	-74.71	-74.71	-88.58
RMPHrxH2(mean_dBm)	-64.76	-64.58	-64.67	-64.67	-86.28
RMPHrxH2(std_dBm)	-75.42	-74.08	-74.68	-74.67	-88.52



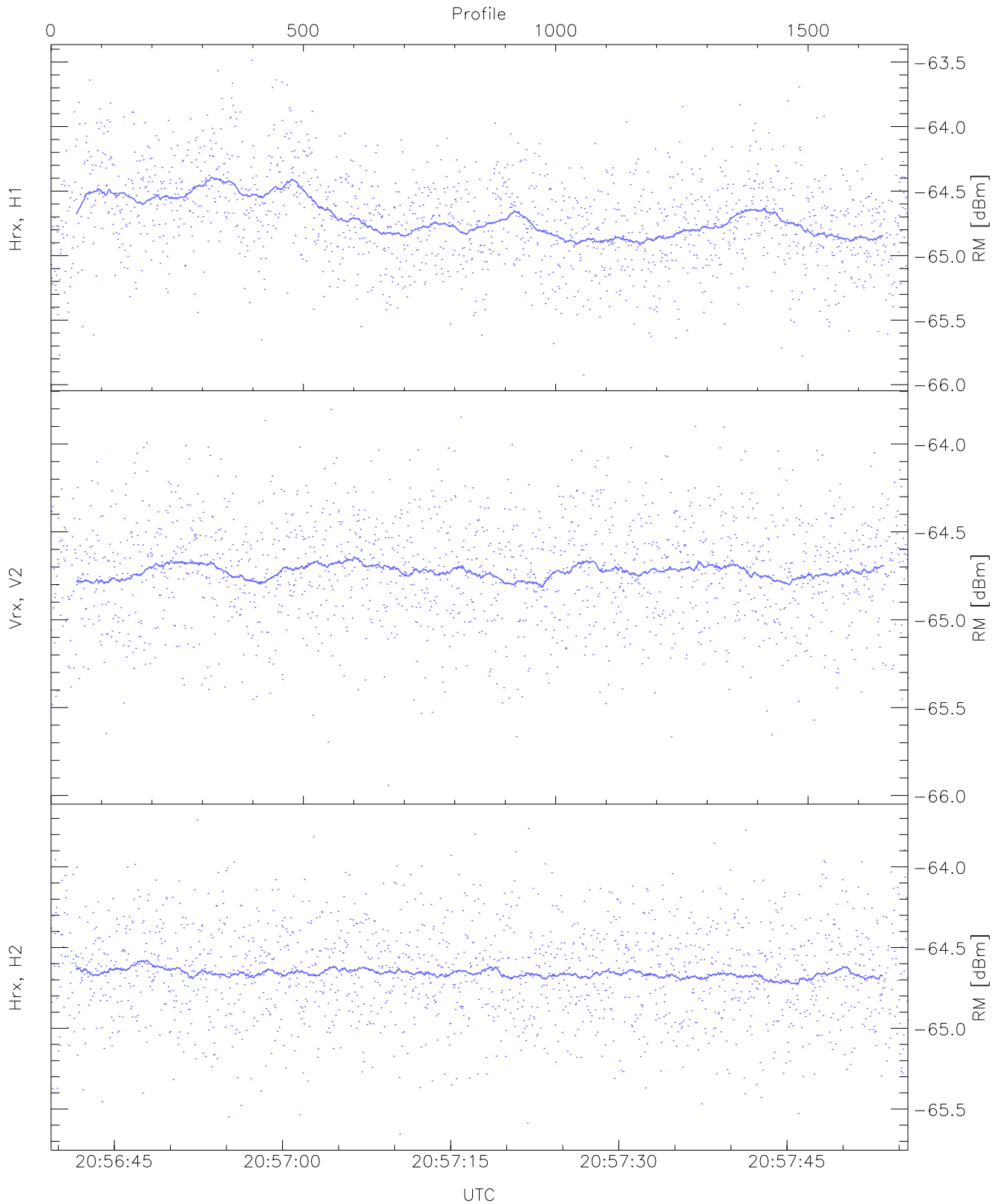
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.82	-63.86	-64.66	-64.67	-76.25
Vrx, V2 (WL [dBm])	-65.68	-63.57	-64.67	-64.68	-76.20
Hrx, H2 (WL [dBm])	-65.85	-63.60	-64.66	-64.68	-76.14



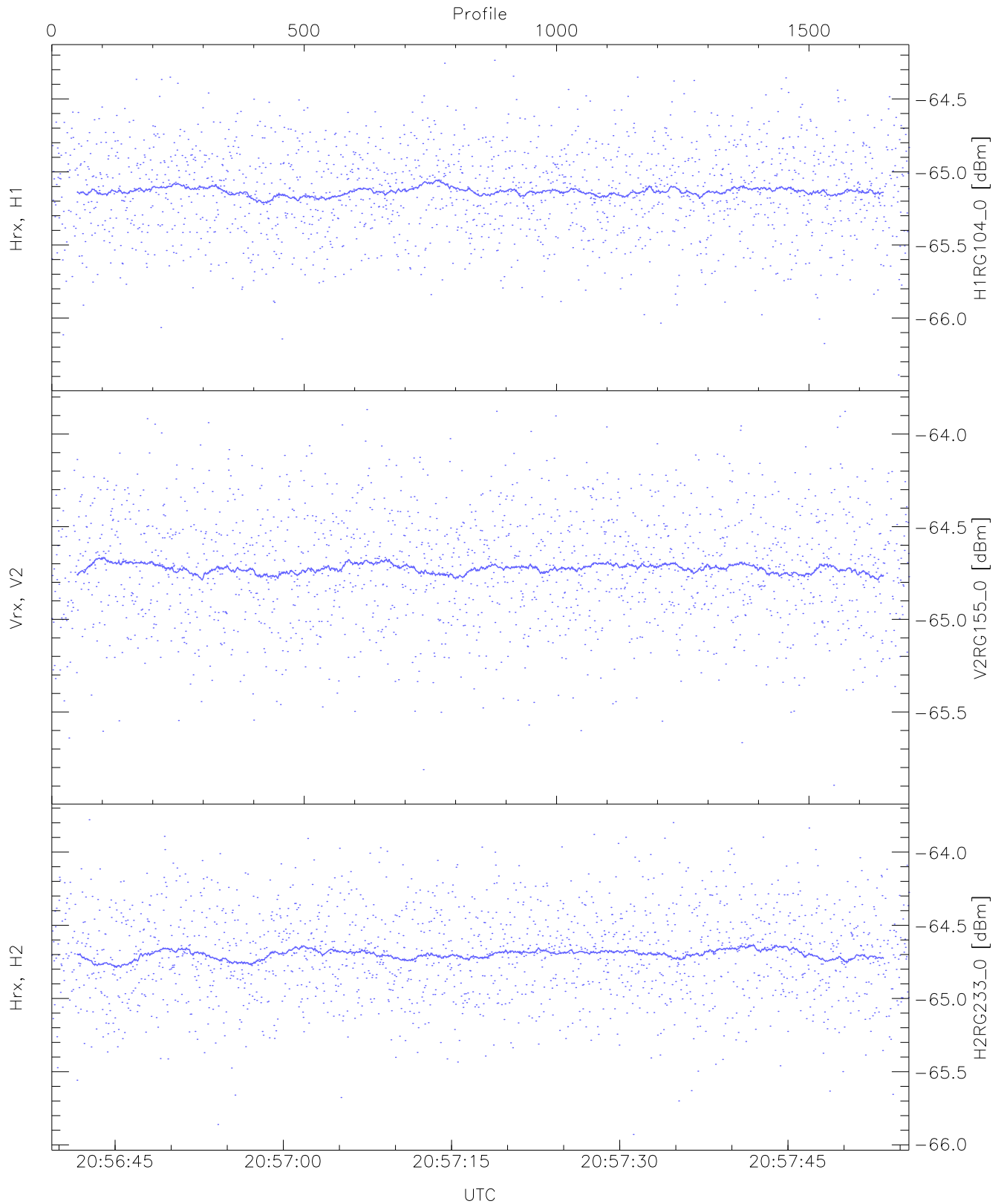
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.47	-63.45	-64.44	-64.46	-75.93
Vrx, V2 (HL [dBm])	-65.62	-63.49	-64.48	-64.48	-76.08
Hrx, H2 (HL [dBm])	-65.62	-63.51	-64.45	-64.45	-75.84



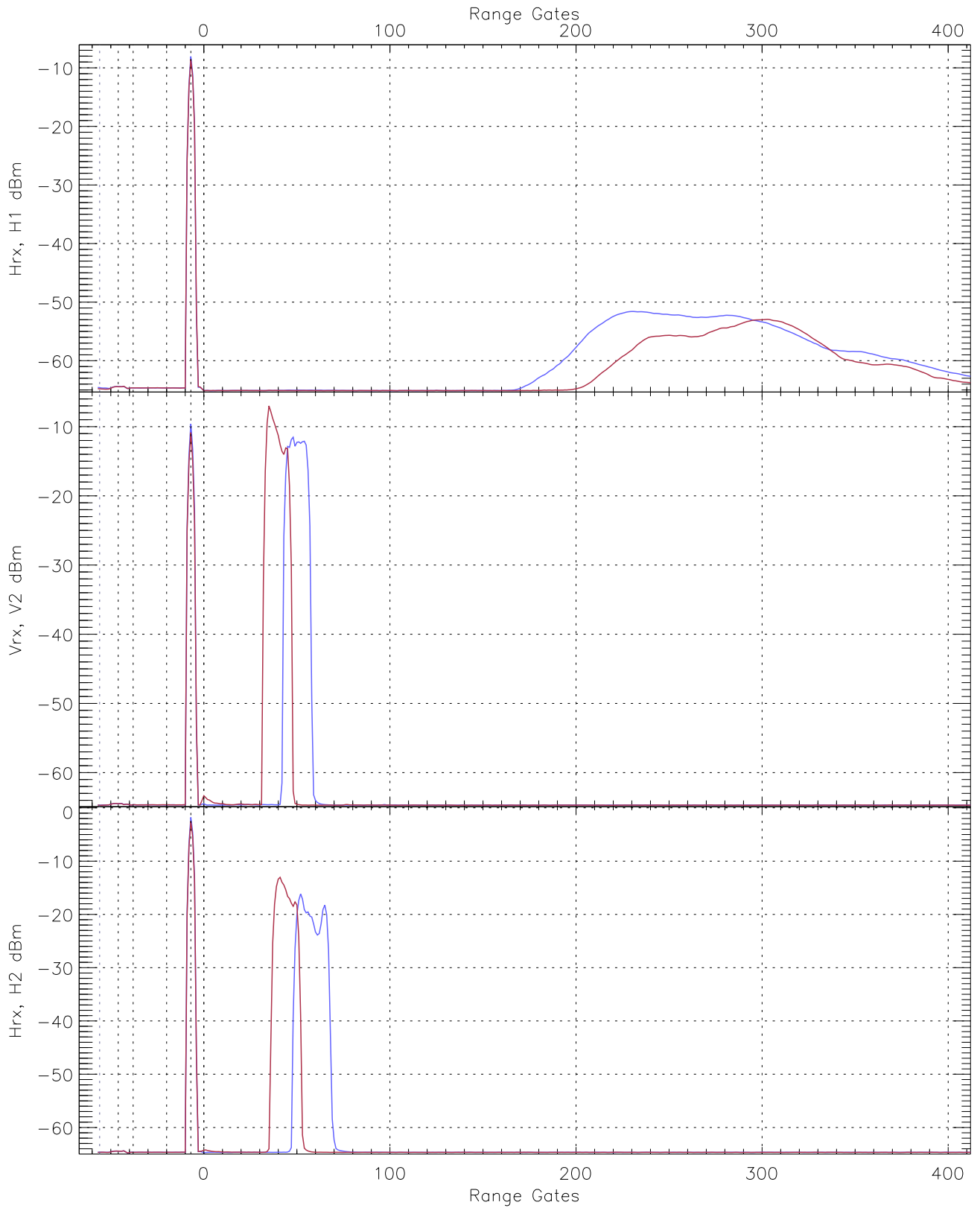
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.92	-63.49	-64.70	-64.71	-75.49
Vrx, V2 (RM [dBm])	-65.94	-63.80	-64.72	-64.71	-76.32
Hrx, H2 (RM [dBm])	-65.66	-63.71	-64.65	-64.65	-76.32

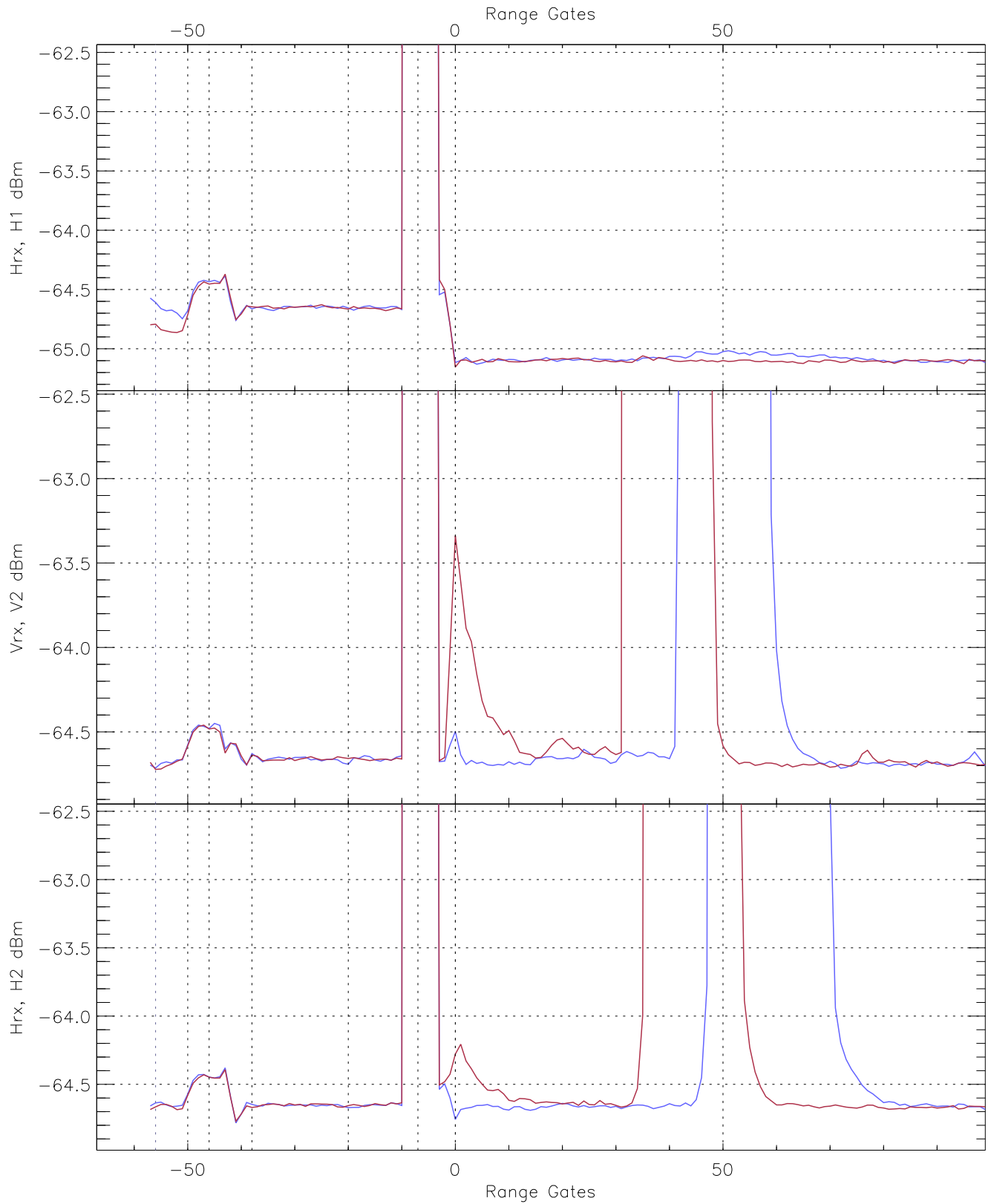


WCR3 CPP "Best" estimate Receivers Noise Power

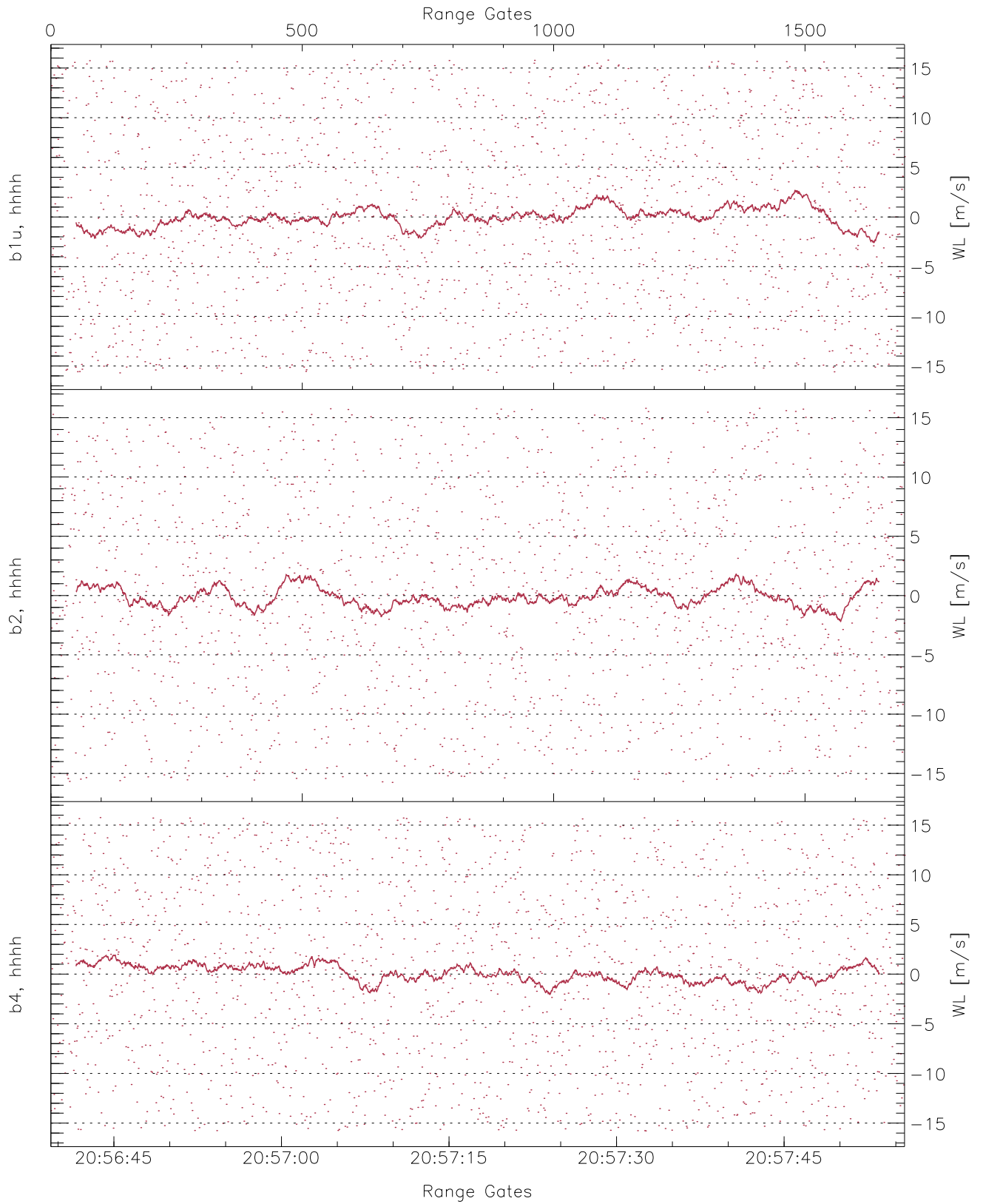
	Min	Max	Mean	Median	StDev
H1RG104_0 [dBm]	-66.39	-64.24	-65.12	-65.13	-76.67
V2RG155_0 [dBm]	-65.90	-63.87	-64.72	-64.72	-76.21
H2RG233_0 [dBm]	-65.93	-63.78	-64.69	-64.69	-76.16



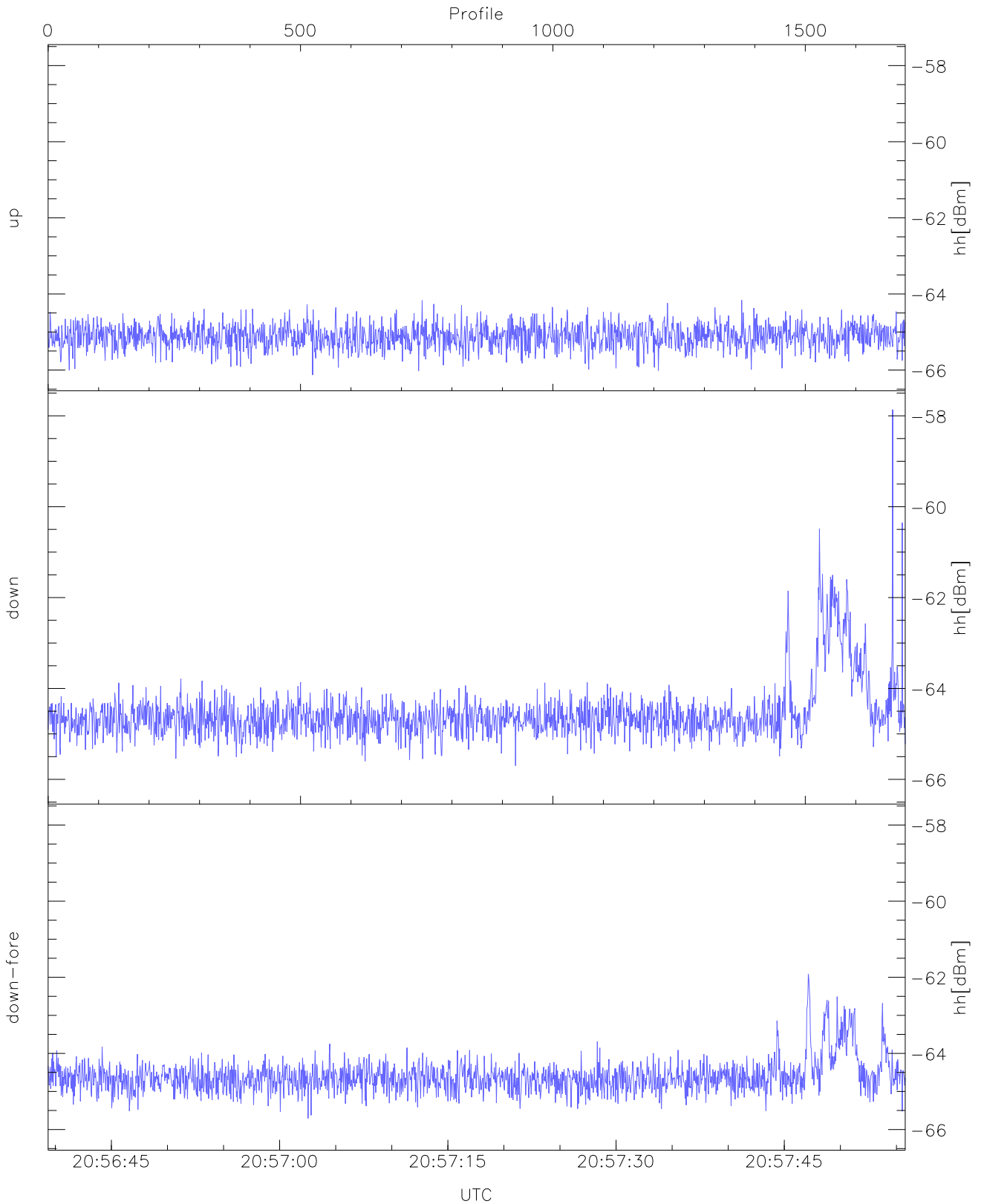
WCR3 CPP Averaged Received power for all recorded gates
blue: 205639-205718, 850 profiles averaged
red: 205718-205756, 850 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 205639-205718, 850 profiles averaged
red: 205718-205756, 850 profiles averaged

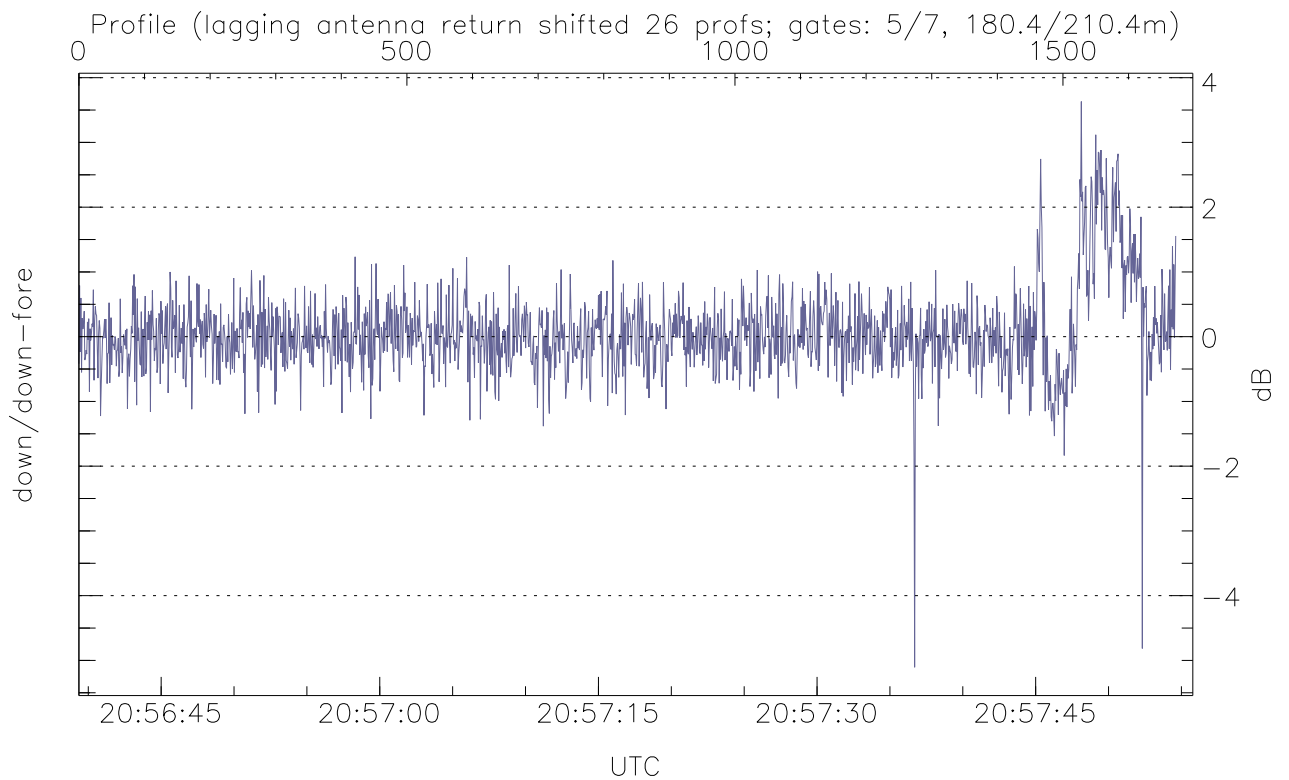
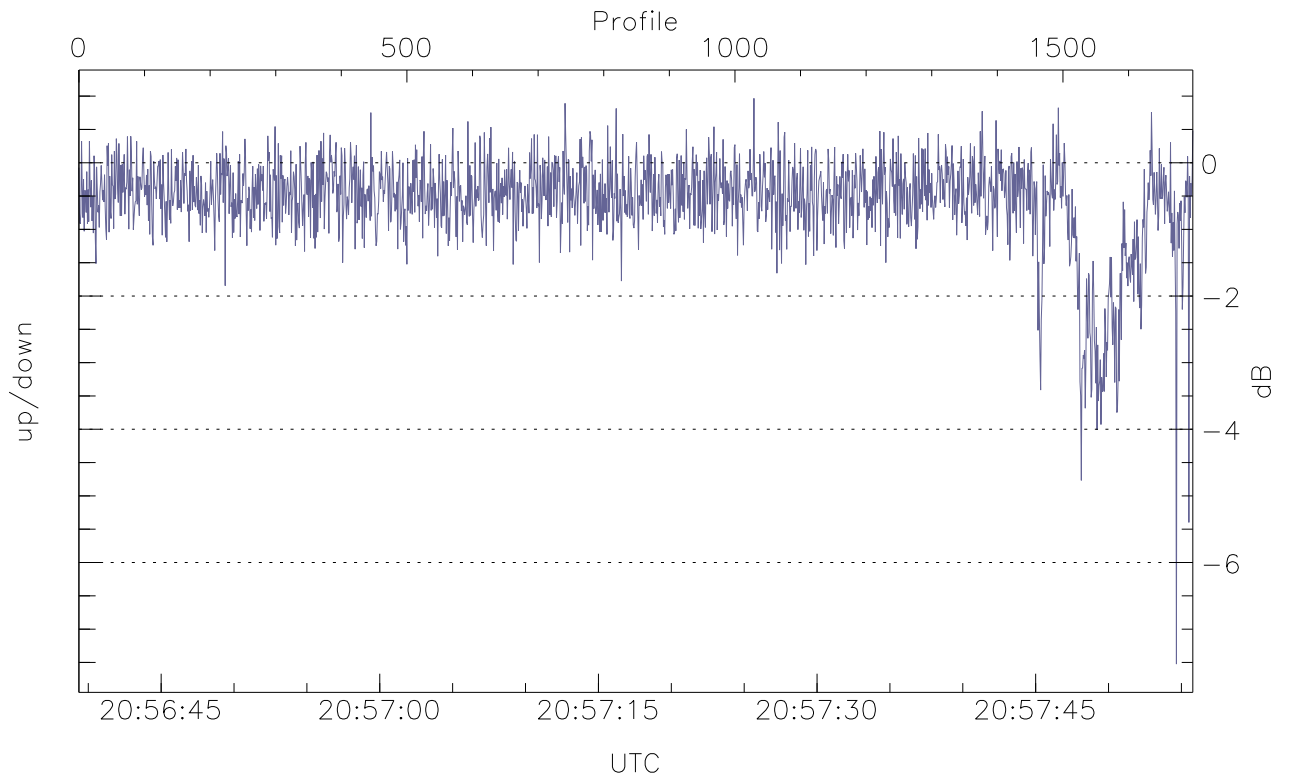


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



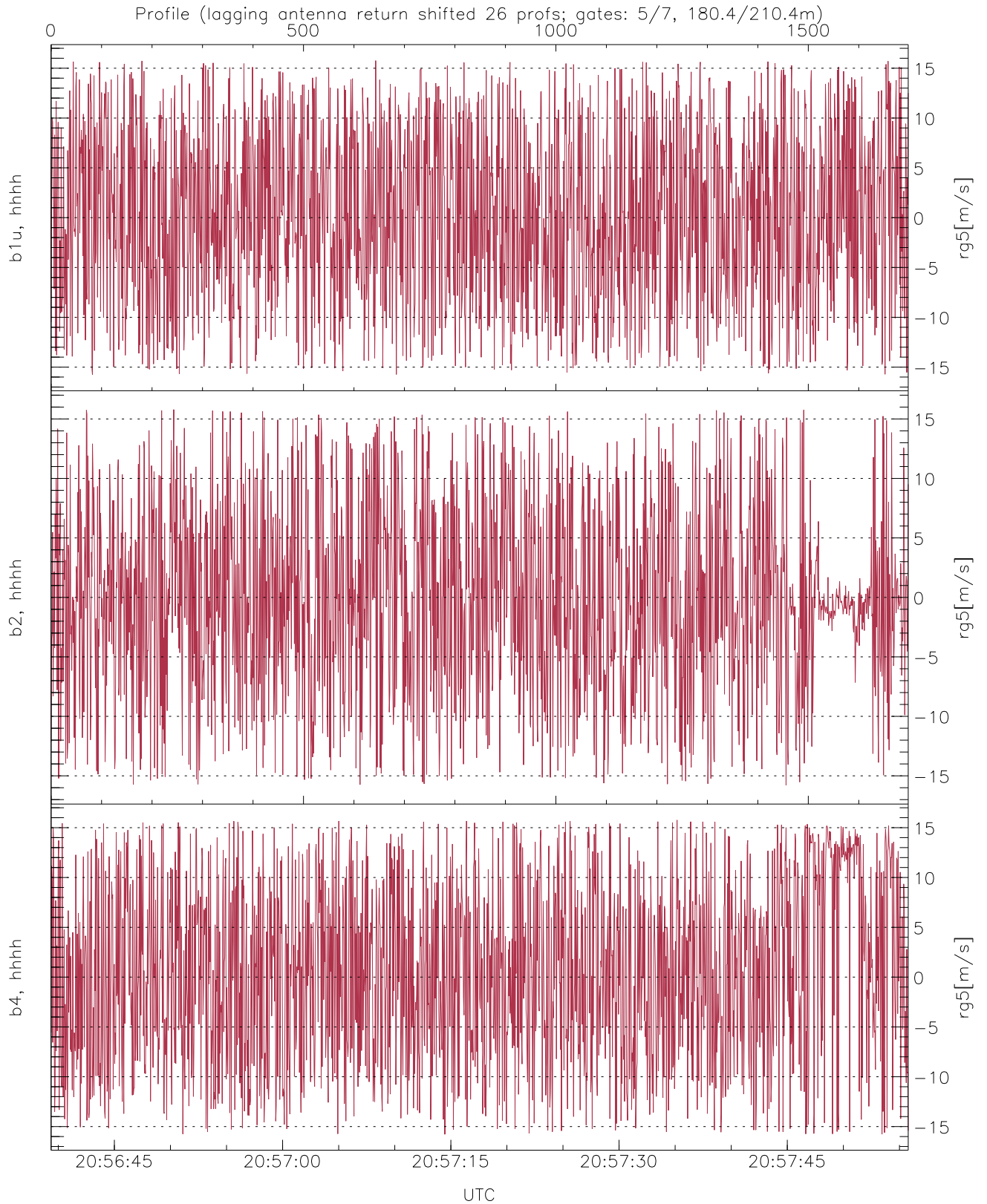
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.13	-64.16	-65.10
down(hh[dBm])	-65.70	-57.86	-64.49
down-fore(hh[dBm])	-65.71	-61.91	-64.58



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

	Min	Max	Mean
up/down (dB)	-7.52	0.97	-0.57
down/down-fore (dB)	-5.11	3.63	0.07



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.76	0.28	8.71
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.22	7.80
b4, hhhh(rg5[m/s])	-15.79	15.76	0.53	9.01