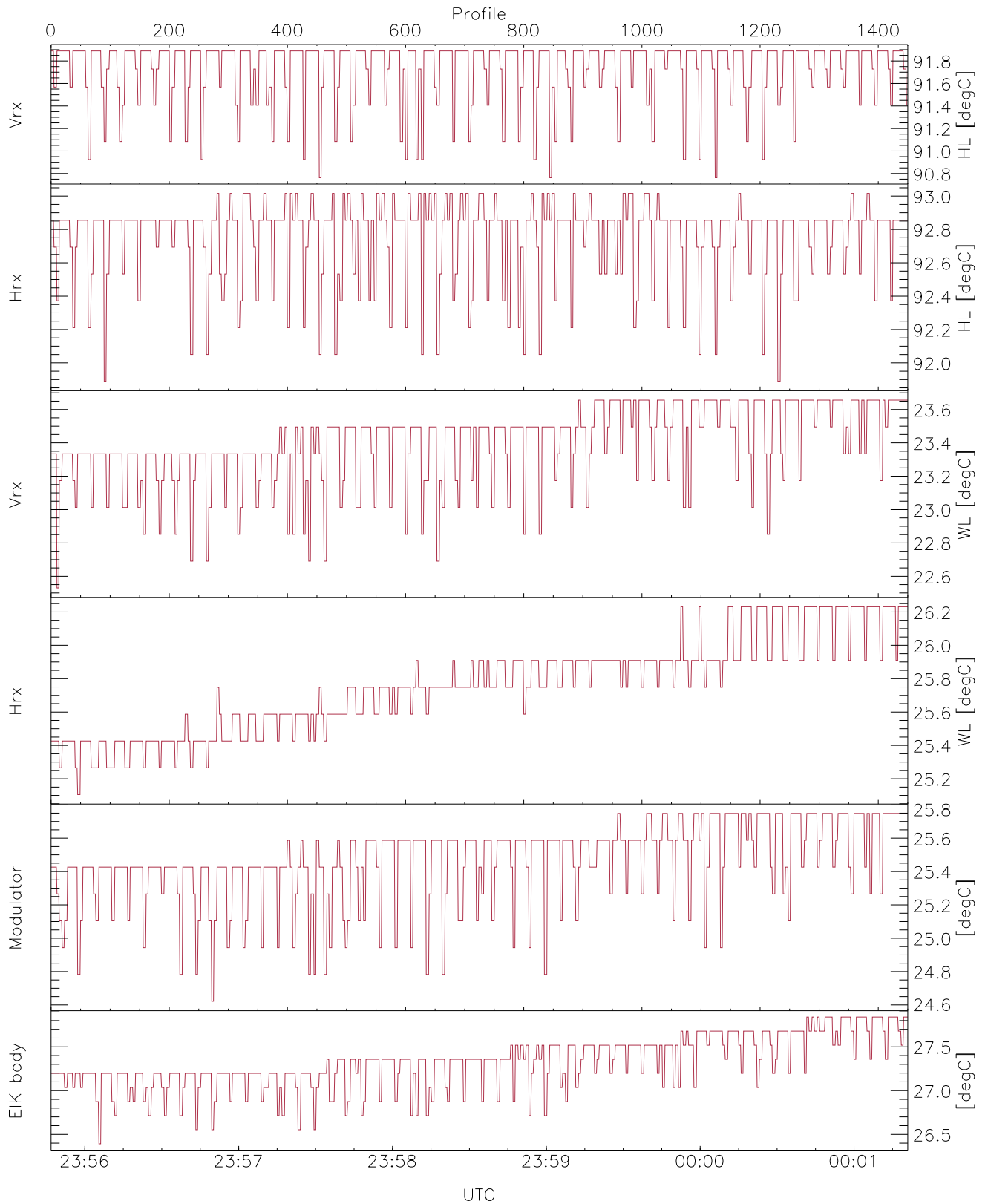


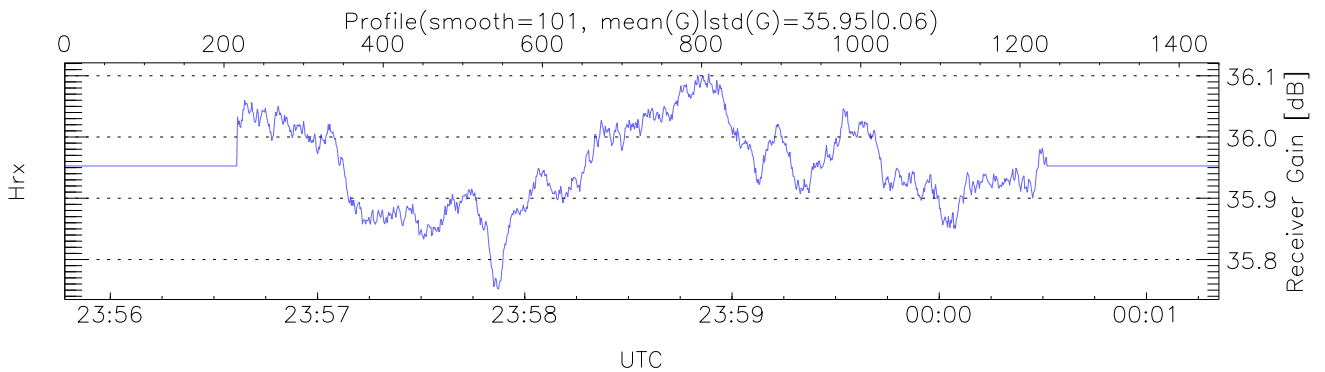
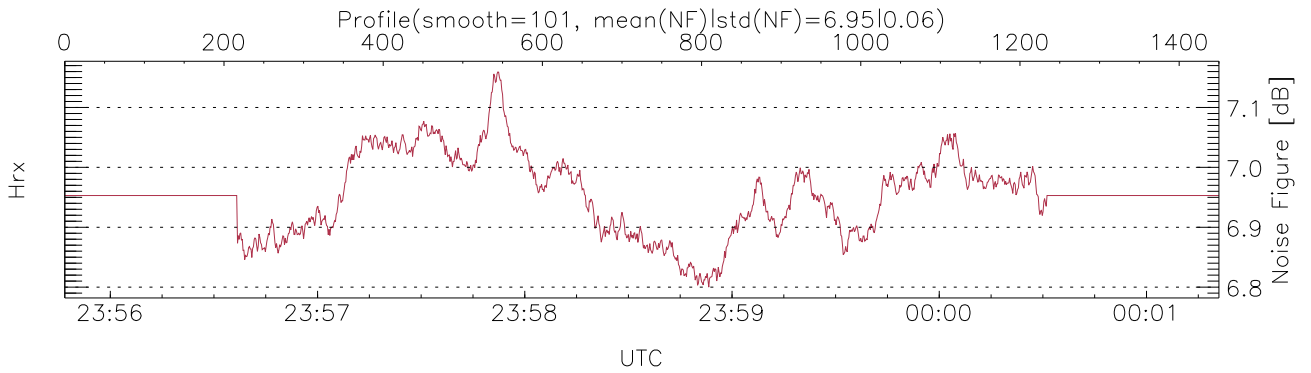
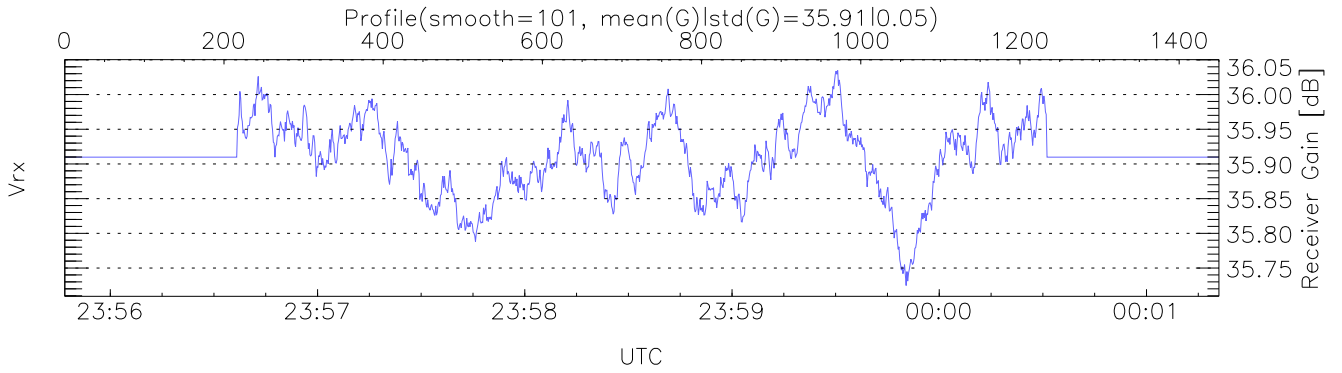
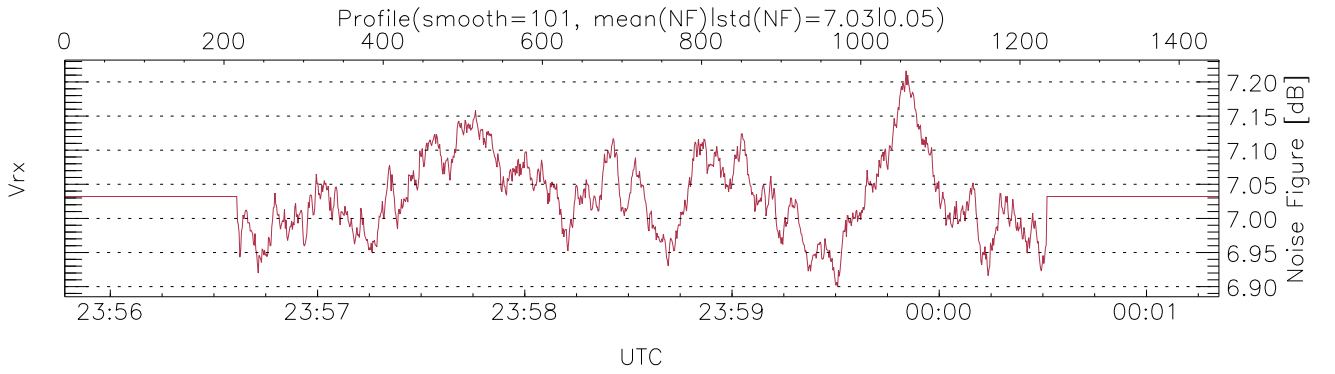
WCR3 FF3 Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:55:47-00:01:21, TimeCor: 0.00s, Dur: 334.16s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 230.5,230.5,230.5,0.0 ms / 4.3,4.3,4.3
 NumRec(r/t): 1451/1451, 0-1450/23:55:47-00:01:21
 AcqTime: 230.4ms, Rate: 1.032MB/s, Averages (req.,actual): 24,24
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 V2 H2
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 90, 6056, 22.5 m, Gates: 266, Aspect: 1.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1
 FFTlen: 64, FFTwin: rectangular, # averagedFFT: 24, cr-polFFT: NO
 FFTres: 0.493,0.493,0.493 m/s, PulsePairCalc: YES



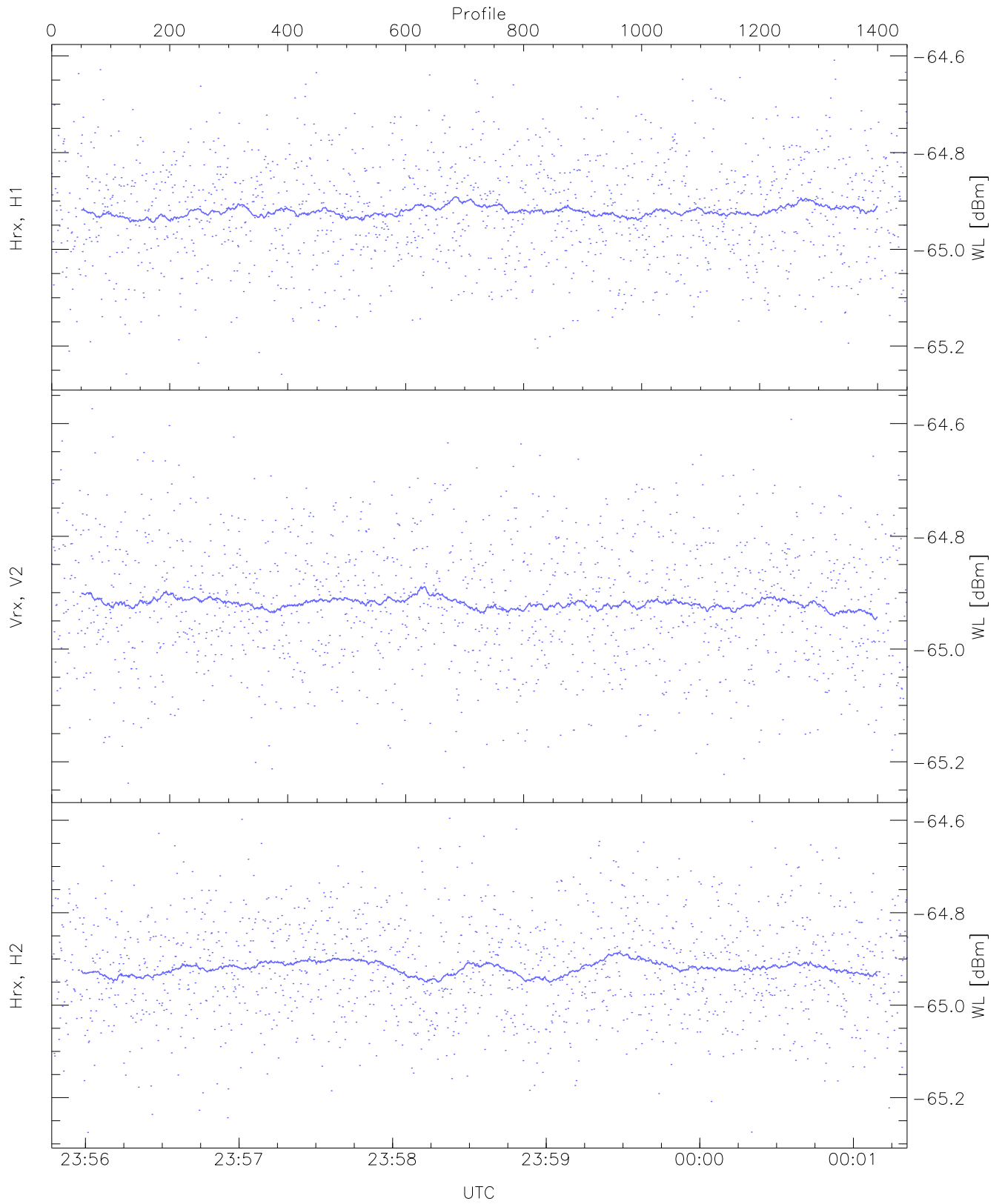
WCR3 FF3 Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,24,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,26,25,27
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



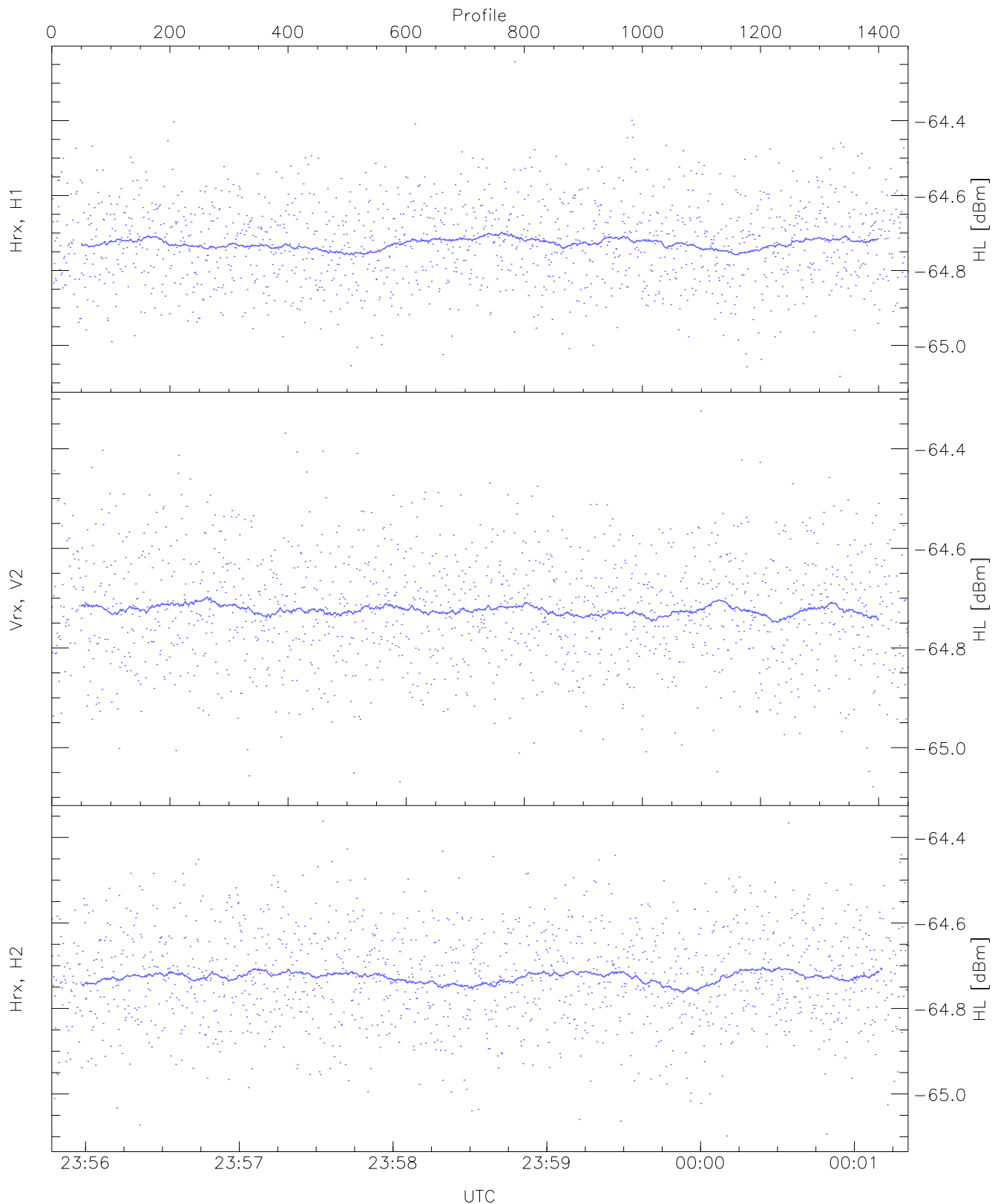
WCR3 FF3 Receivers Gain and Noise Figure

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



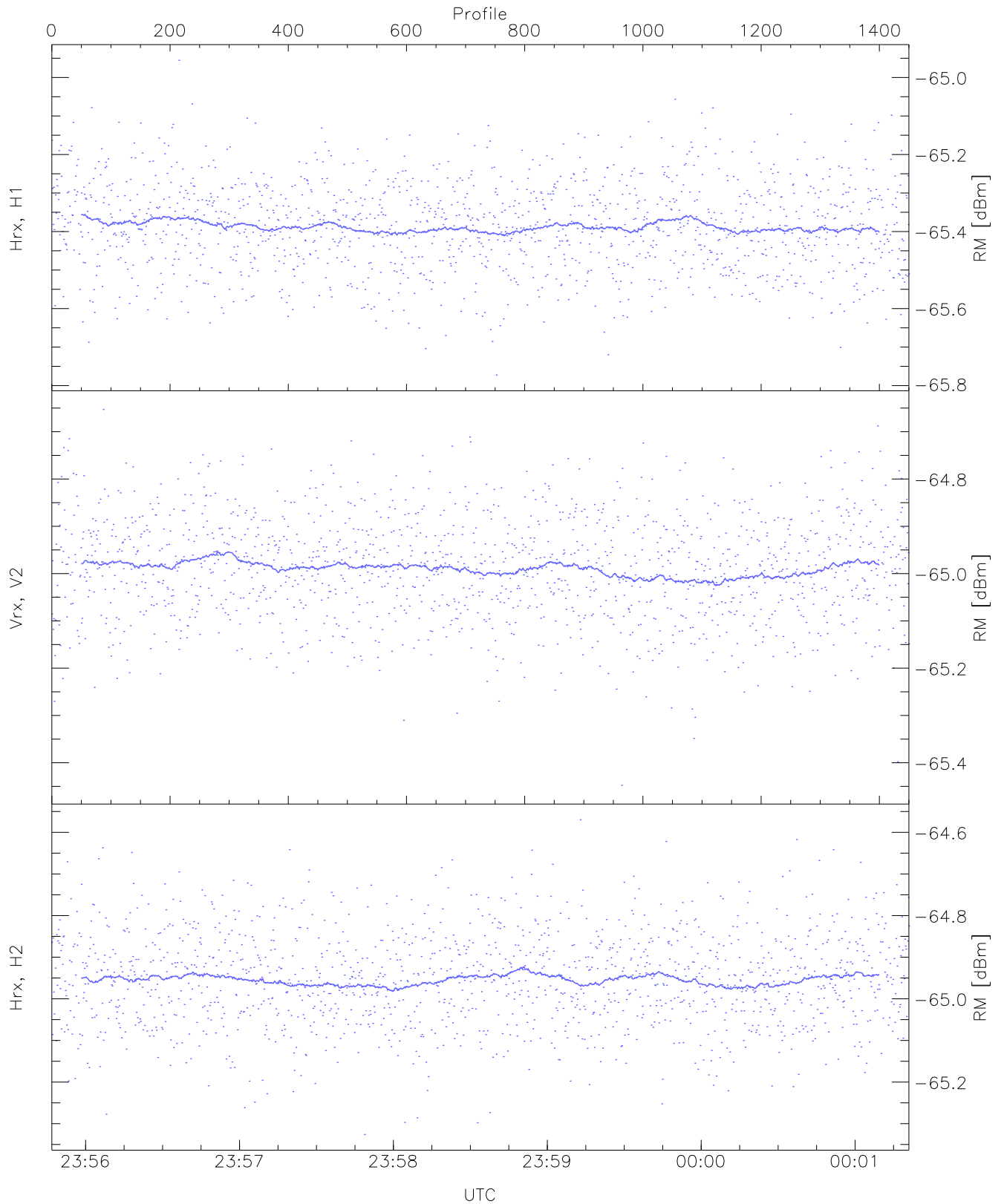
WCR3 FF3 Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.26	-64.61	-64.92	-64.92	-80.99
Vrx, V2 (WL [dBm])	-65.24	-64.57	-64.92	-64.92	-80.86
Hrx, H2 (WL [dBm])	-65.28	-64.60	-64.92	-64.92	-80.92



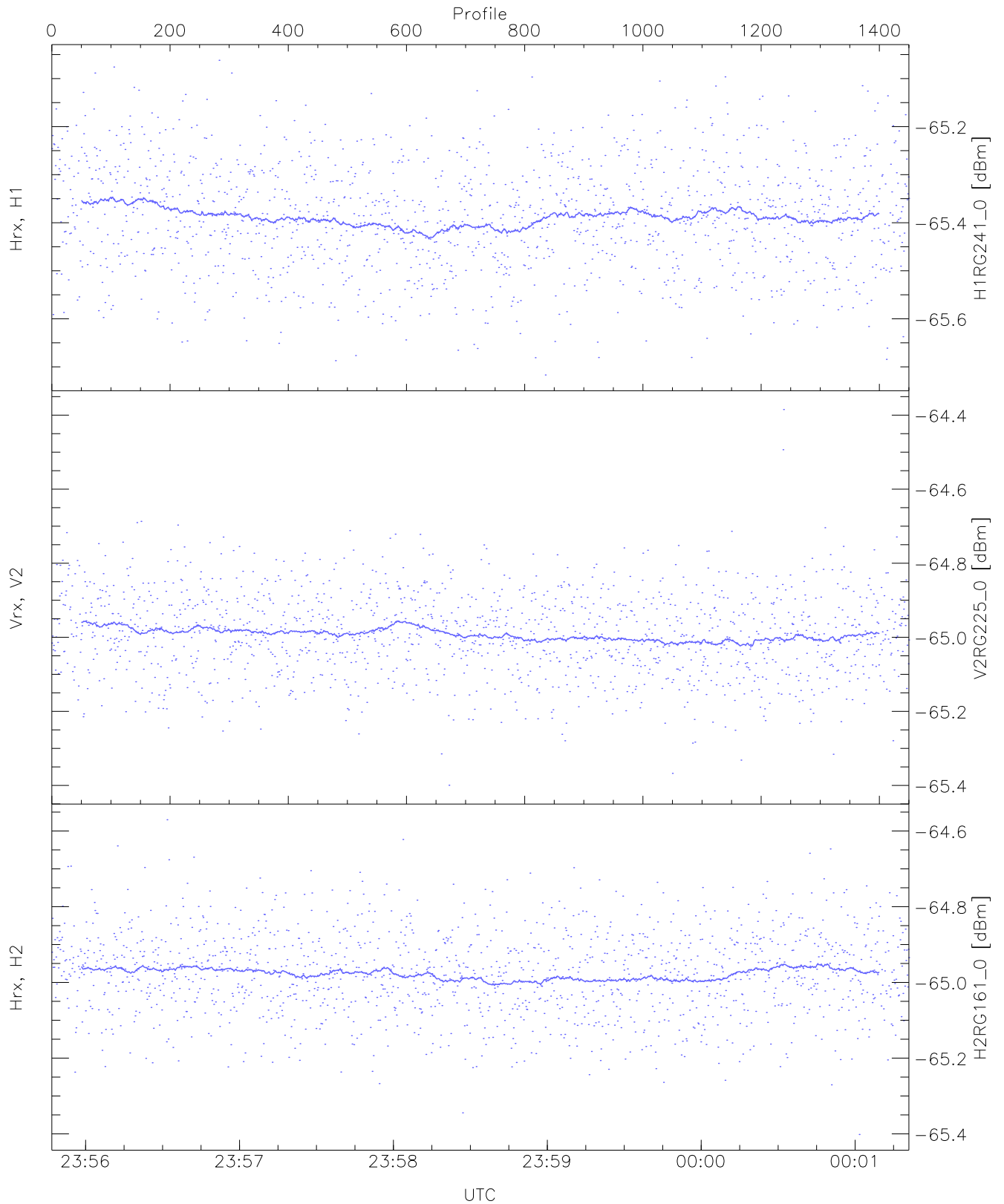
WCR3 FF3 Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.08	-64.24	-64.73	-64.73	-80.64
Vrx, V2 (HL [dBm])	-65.08	-64.32	-64.72	-64.72	-80.61
Hrx, H2 (HL [dBm])	-65.10	-64.36	-64.73	-64.73	-80.60



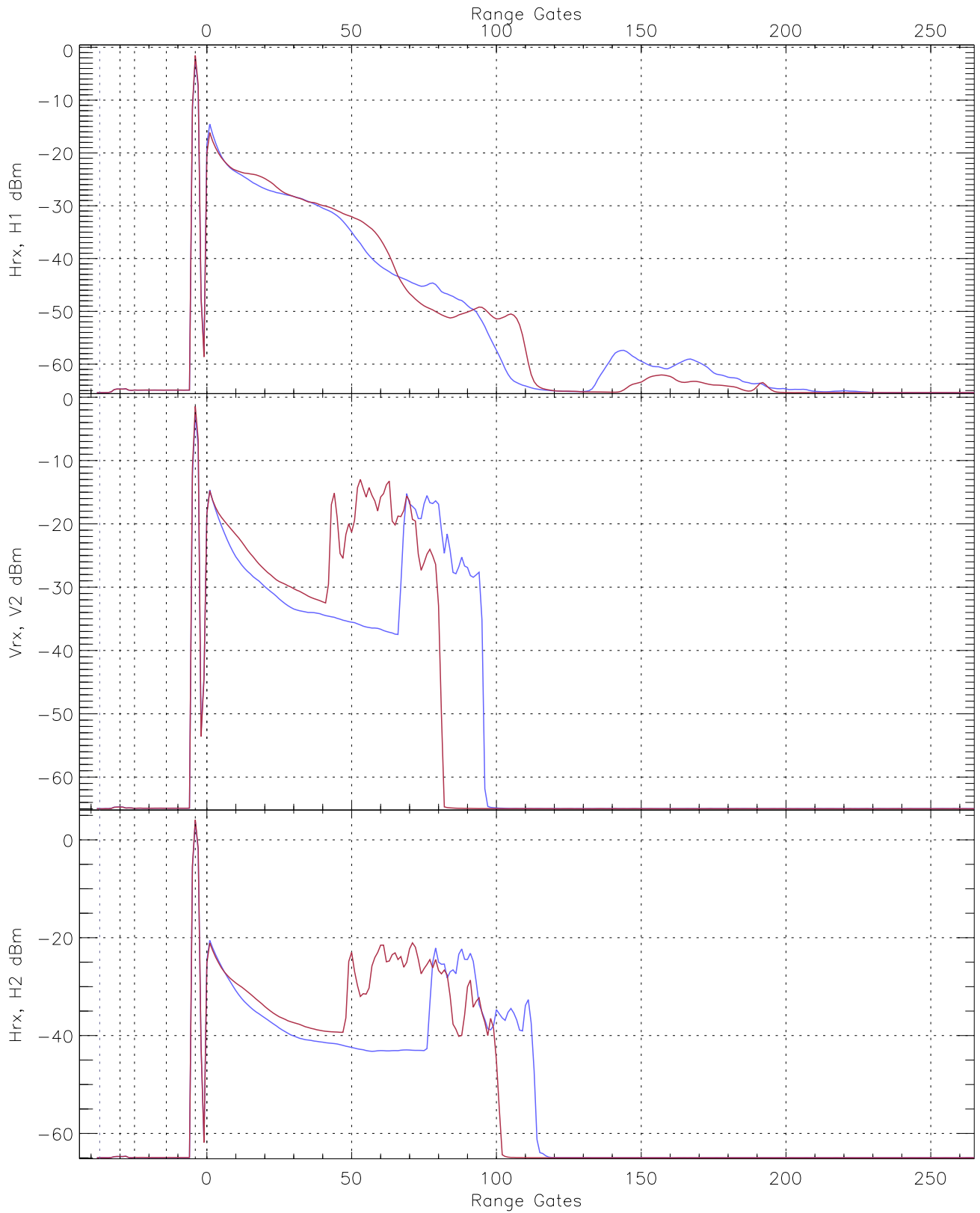
WCR3 FF3 Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.77	-64.96	-65.39	-65.39	-81.22
Vrx, V2 (RM [dBm])	-65.45	-64.65	-64.99	-64.99	-81.06
Hrx, H2 (RM [dBm])	-65.33	-64.57	-64.95	-64.95	-80.86

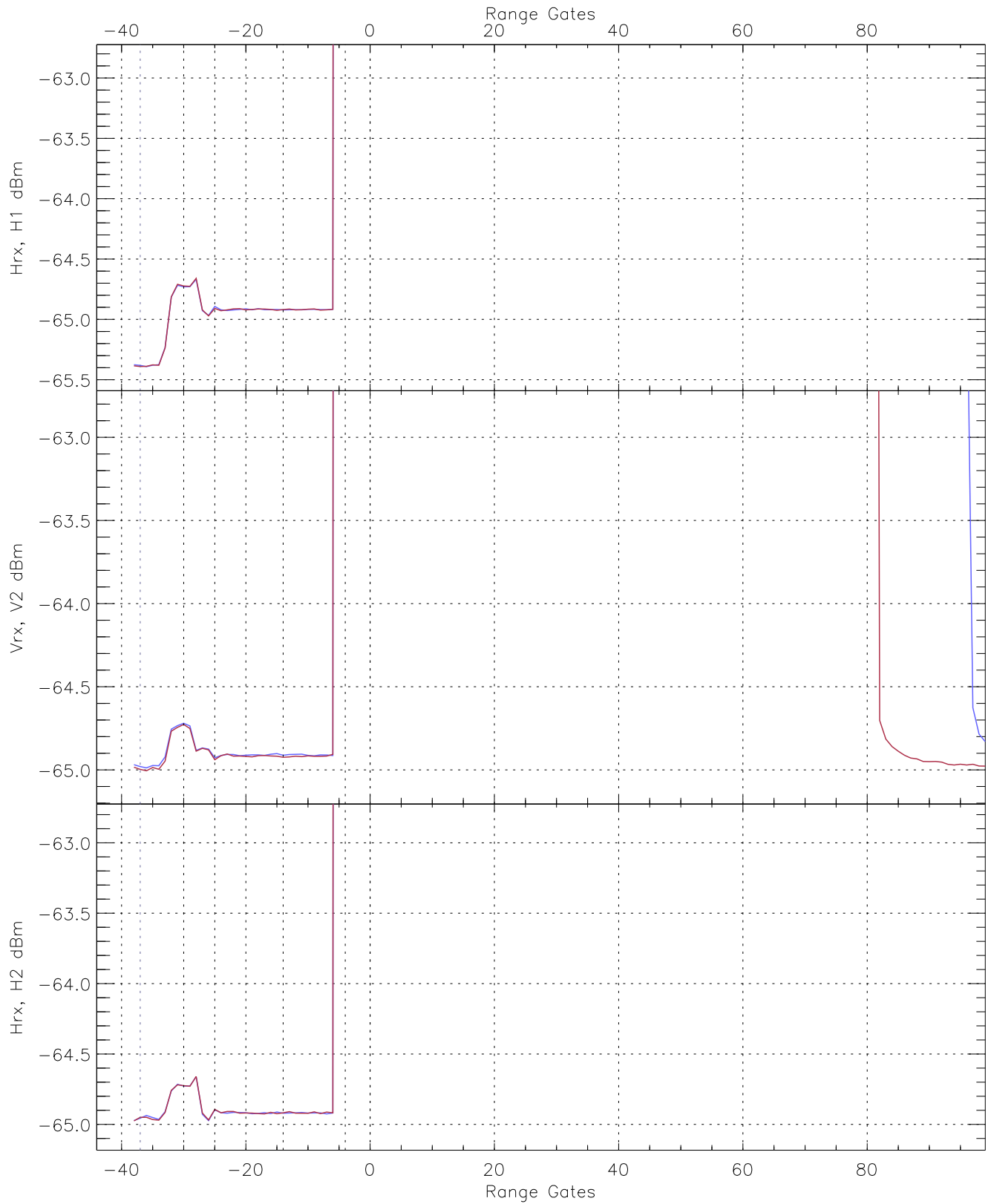


WCR3 FF3 "Best" estimate Receivers Noise Power

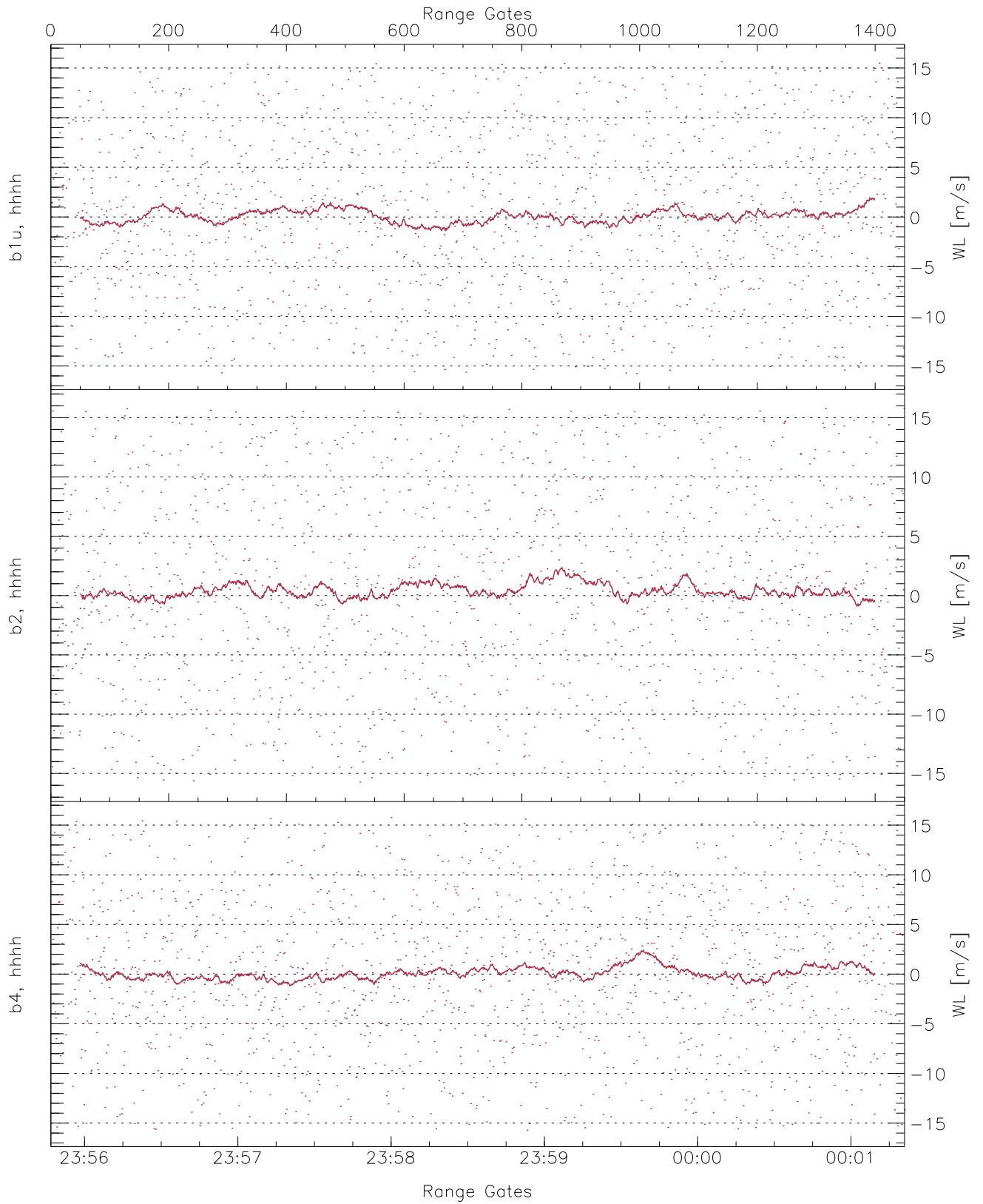
	Min	Max	Mean	Median	StDev
H1RG241_0 [dBm]	-65.72	-65.06	-65.39	-65.39	-81.30
V2RG225_0 [dBm]	-65.40	-64.38	-64.99	-64.99	-80.87
H2RG161_0 [dBm]	-65.40	-64.57	-64.98	-64.97	-80.90



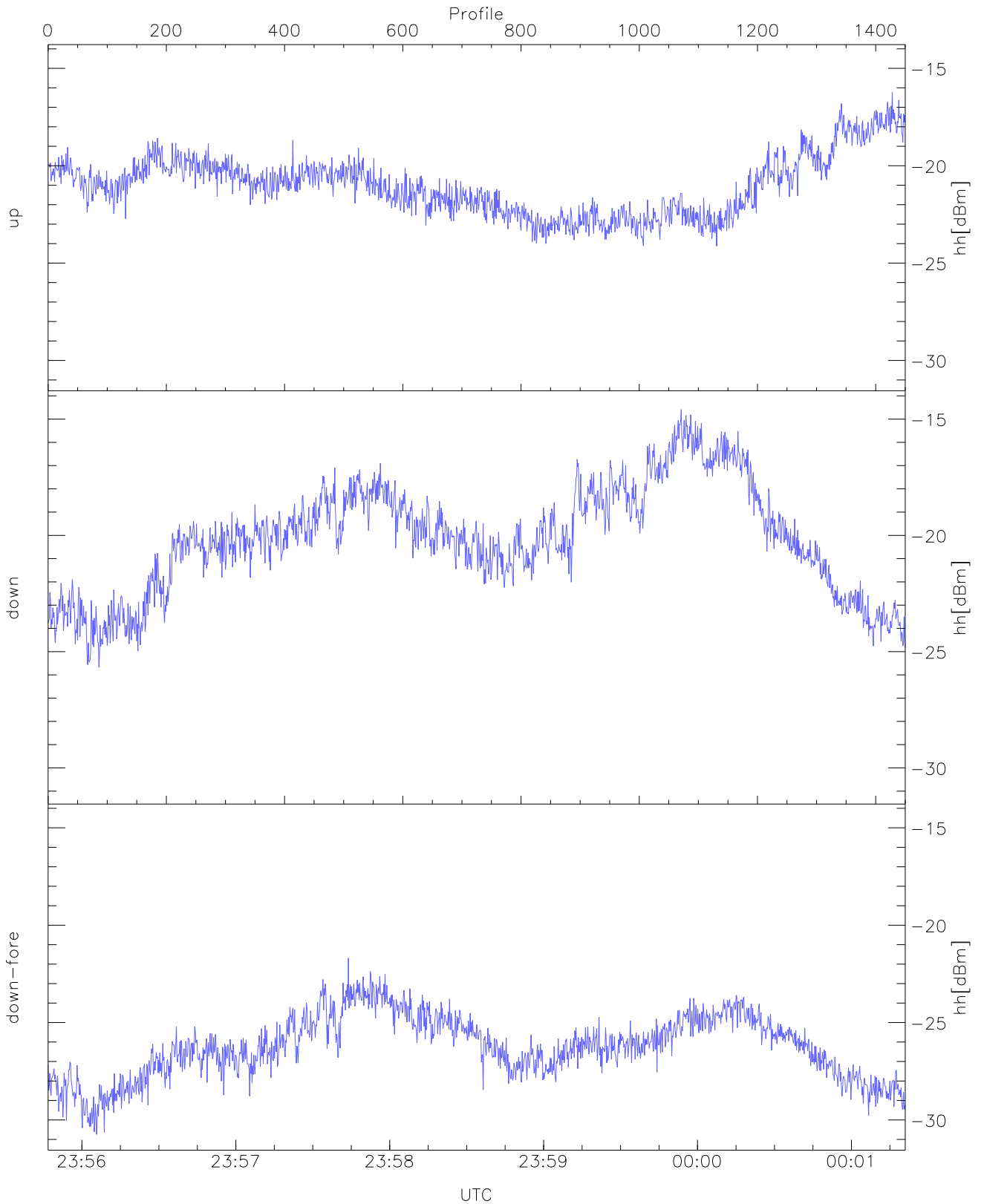
WCR3 FF3 Averaged Received power for all recorded gates
blue: 235547-235834, 726 profiles averaged
red: 235834-000121, 726 profiles averaged



WCR3 FF3 Averaged Received power for the negative gates and up to 100 gate
blue: 235547-235834, 726 profiles averaged
red: 235834-000121, 726 profiles averaged

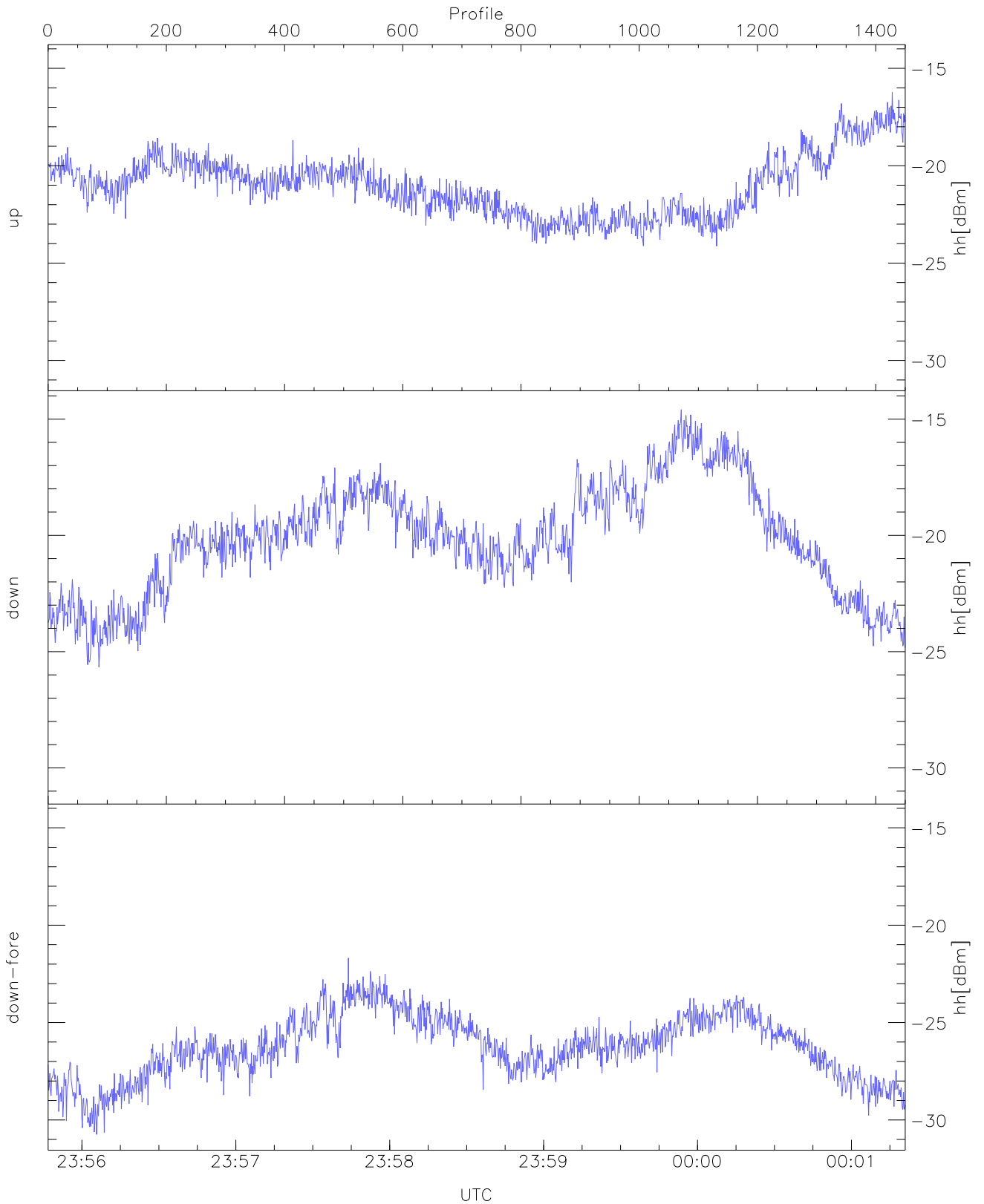


WCR3 FF3 Receivers Phase Noise (in m/s) from the Warm Loads Measurements



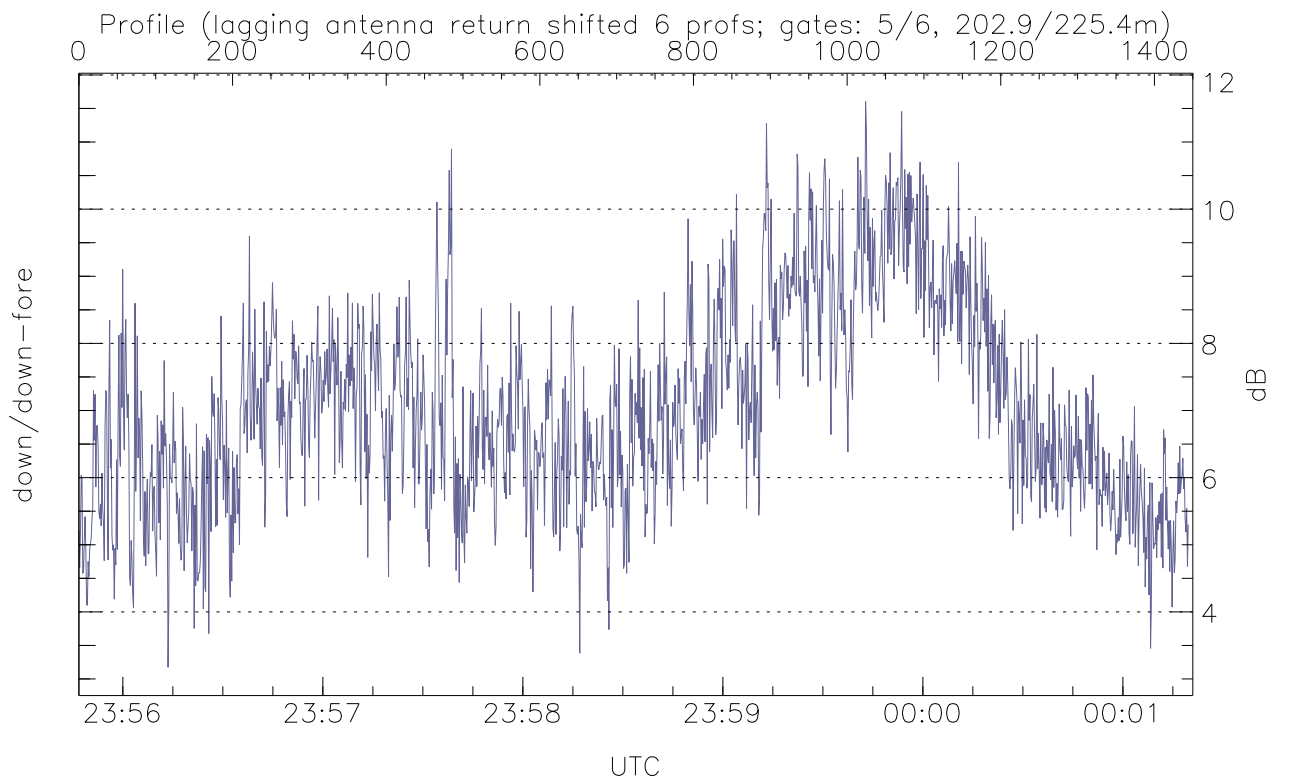
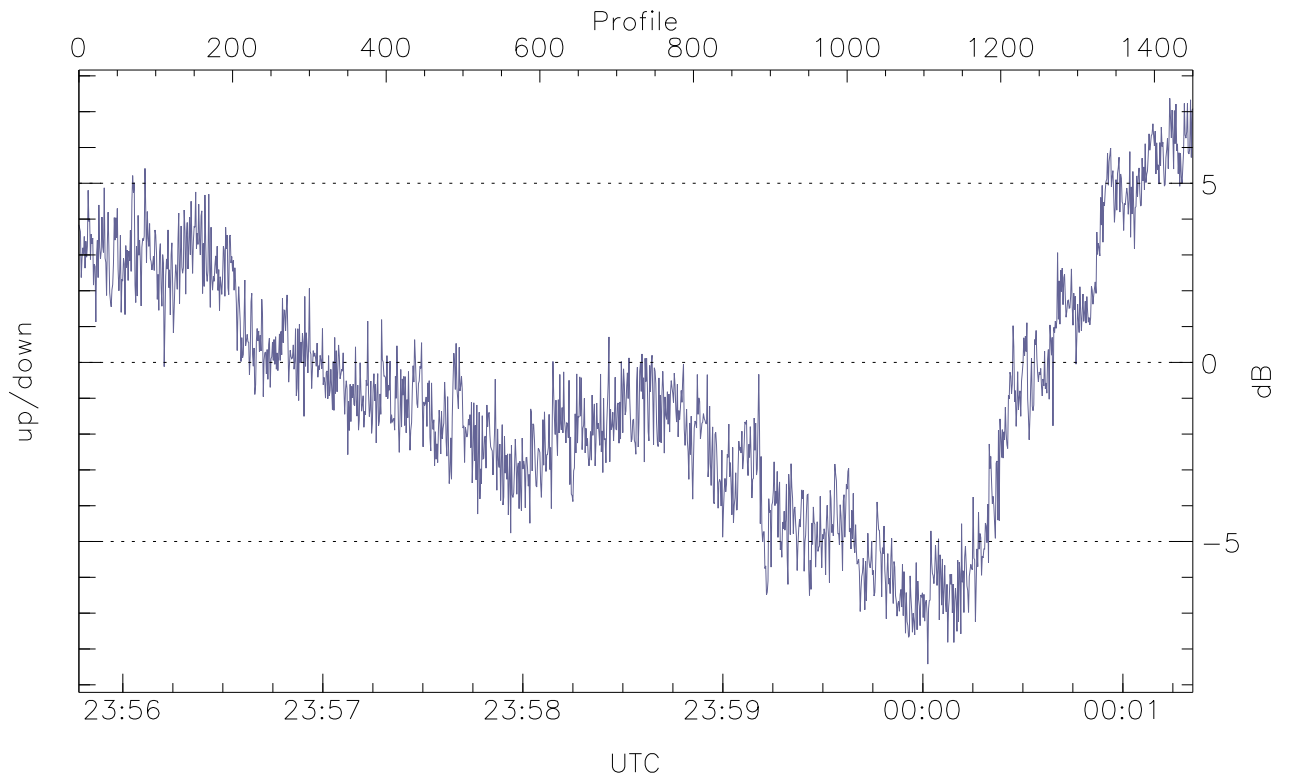
WCR3 FF3 Received Power Products for Range gate 5 (202.9 m)

	Min	Max	Mean
up(hh[dBm])	-24.13	-16.22	-20.76
down(hh[dBm])	-25.66	-14.59	-19.56
down-fore(hh[dBm])	-30.75	-21.68	-25.97



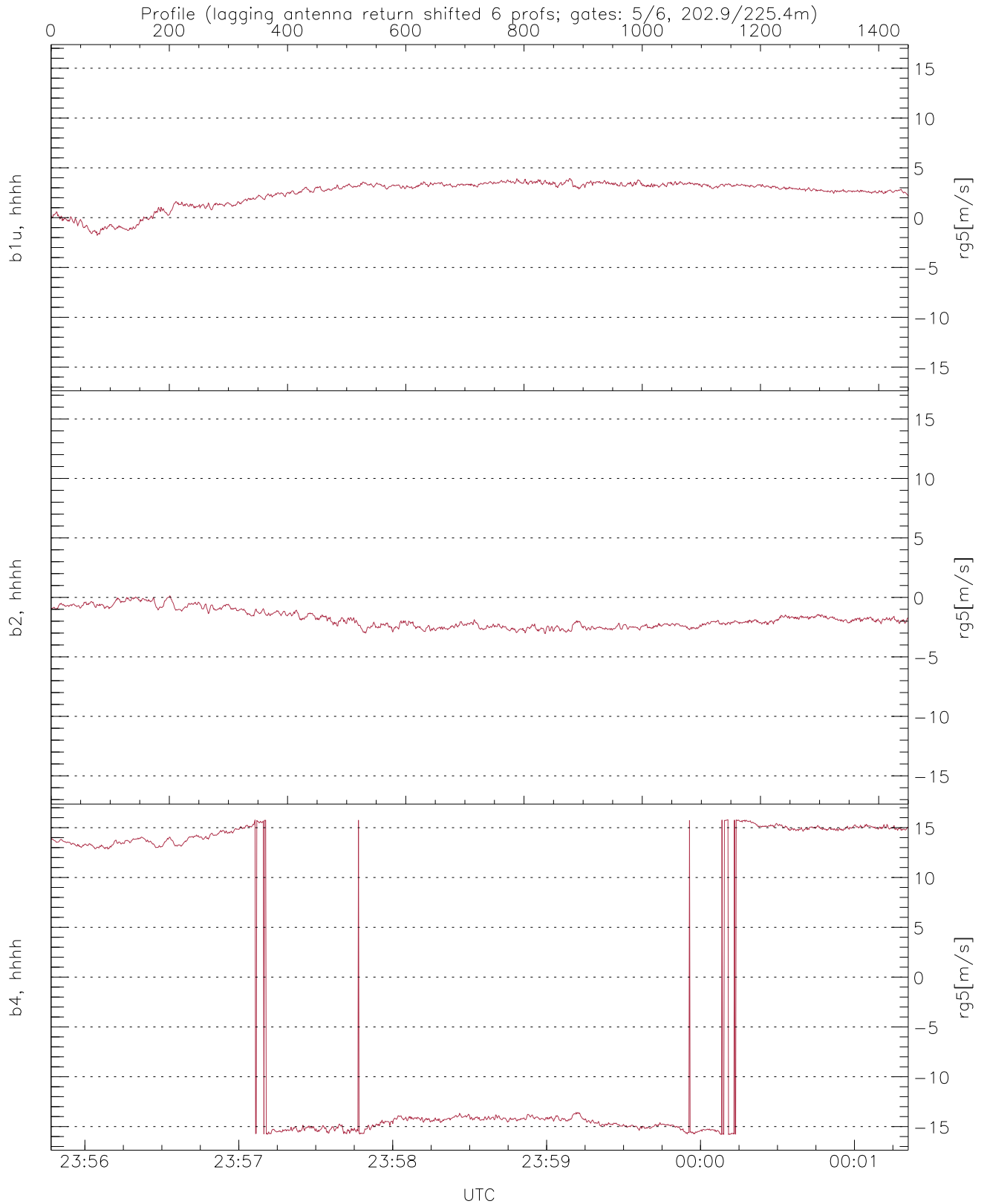
WCR3 FF3 Power Products(psdmom0) for Range gate 5 (202.9 m)

	Min	Max	Mean
up(hh [dBm])	-24.13	-16.22	-20.76
down(hh [dBm])	-25.66	-14.59	-19.56
down-fore(hh [dBm])	-30.75	-21.68	-25.97



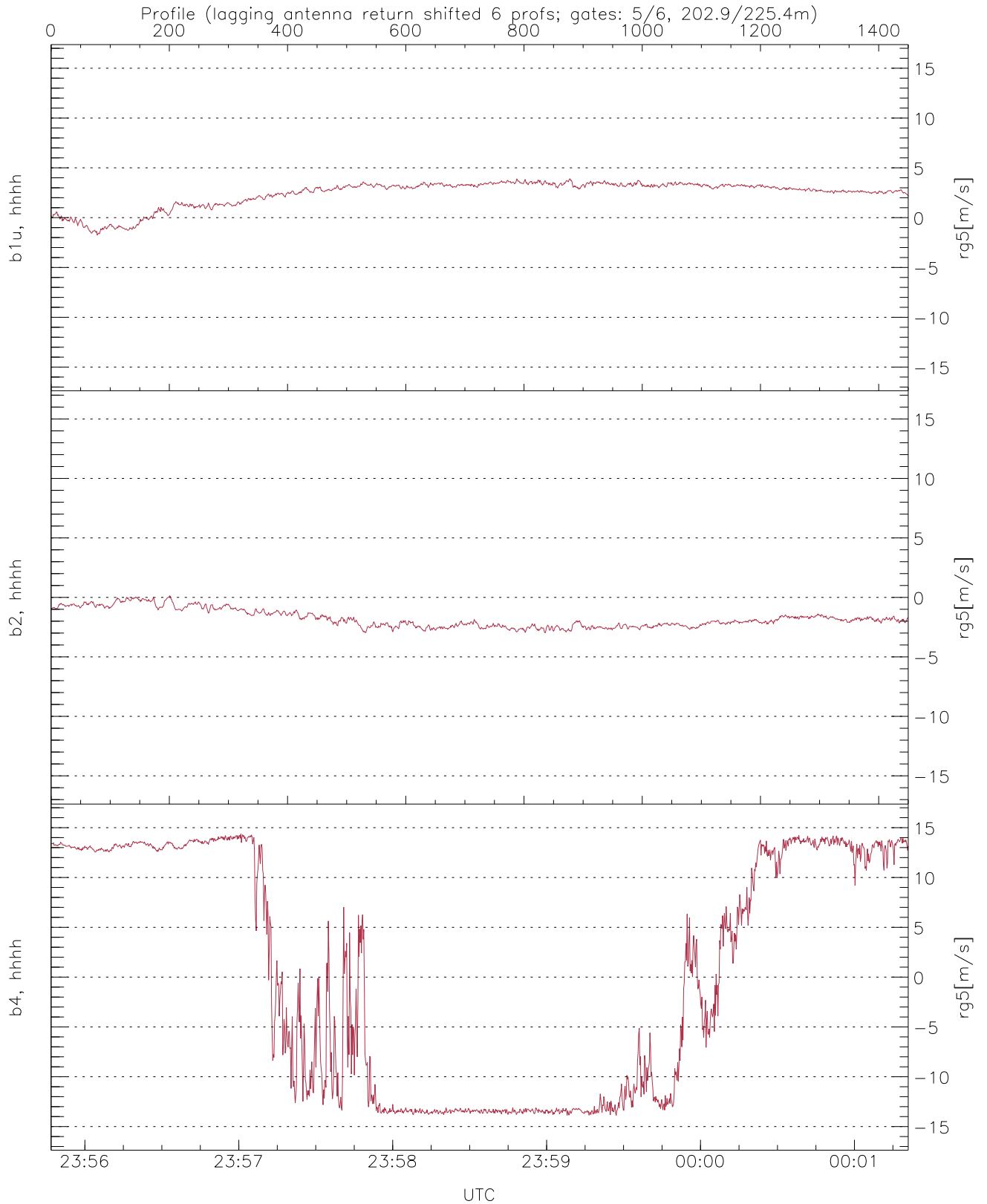
WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (202 m)

	Min	Max	Mean
up/down (dB)	-8.42	7.37	-0.88
down/down-fore (dB)	3.17	11.60	7.07



WCR3 FF3 Doppler Velocity Products at 202.9 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.76	3.93	2.43	1.35
b2, hhhh(rg5[m/s])	-3.04	0.13	-1.81	0.76
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.39	14.55



WCR3 FF3 Doppler Velocity Products (psdmom1) at 202.9 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.73	3.89	2.41	1.34
b2, hhhh(rg5[m/s])	-2.97	0.13	-1.78	0.75
b4, hhhh(rg5[m/s])	-13.87	14.37	0.51	12.03