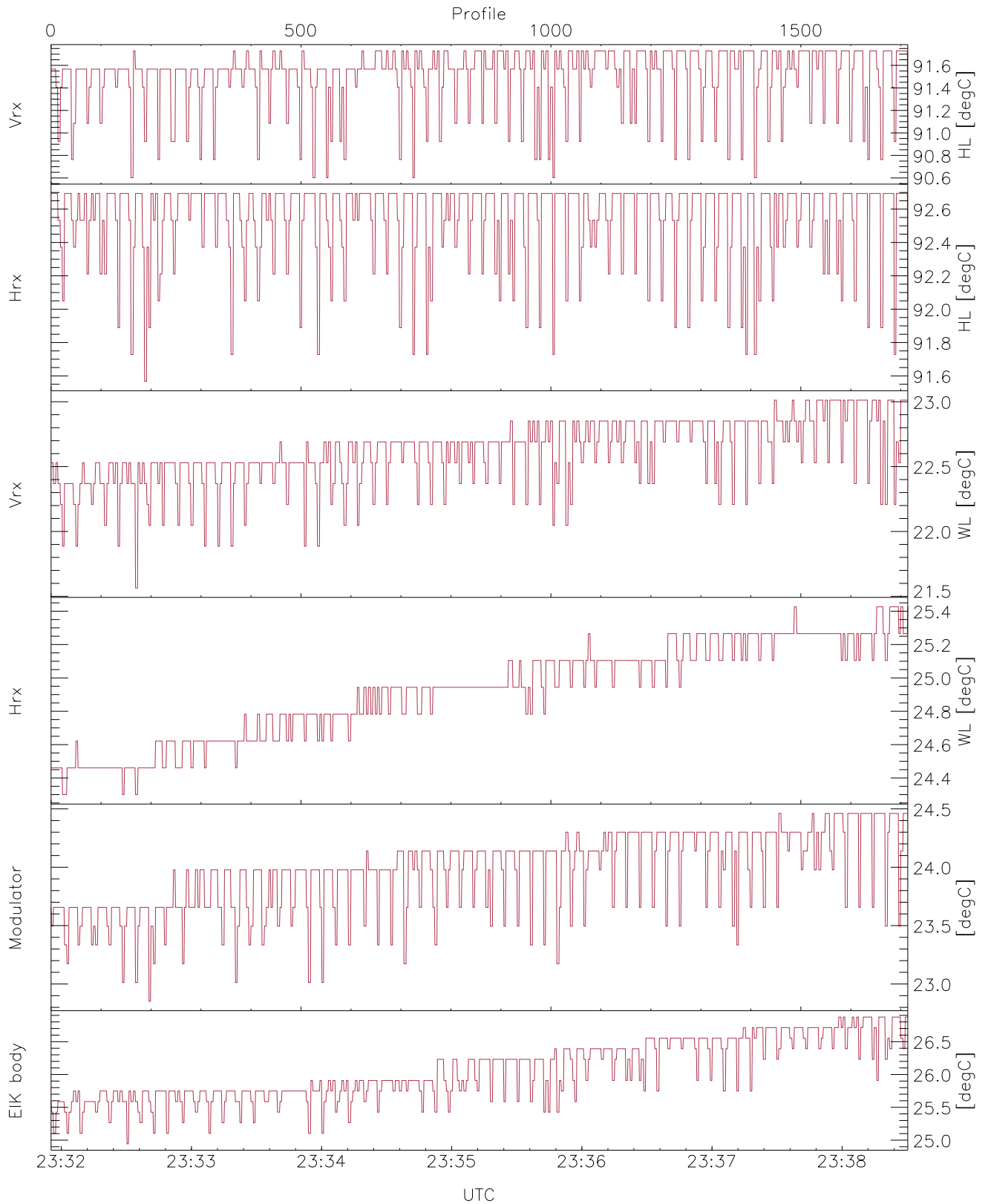


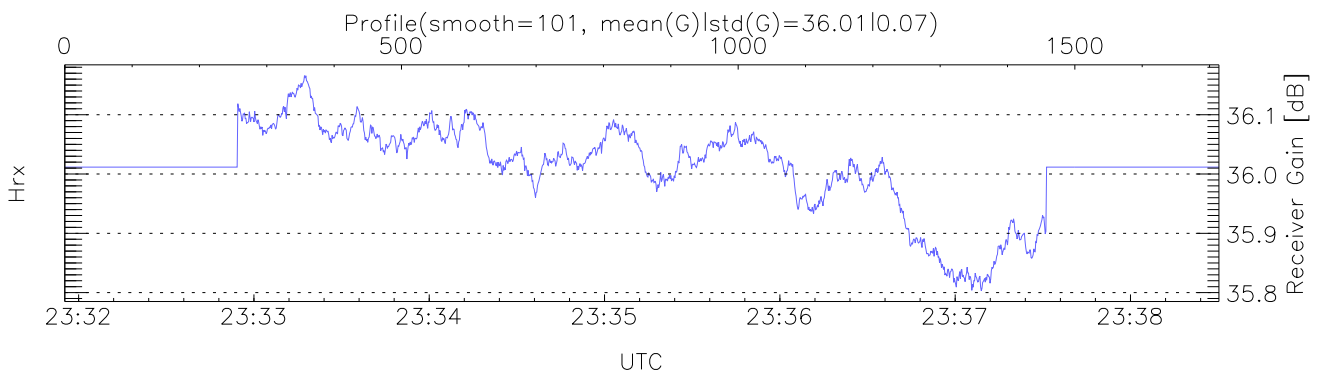
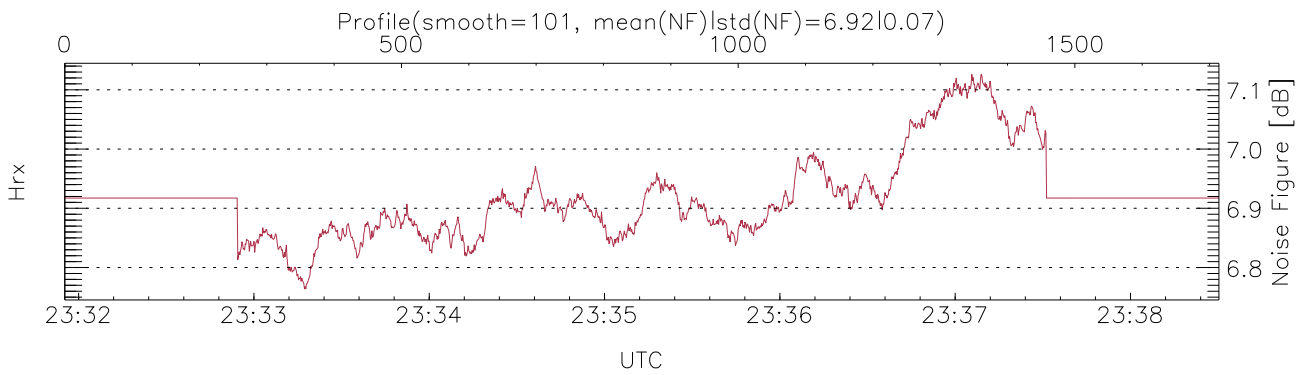
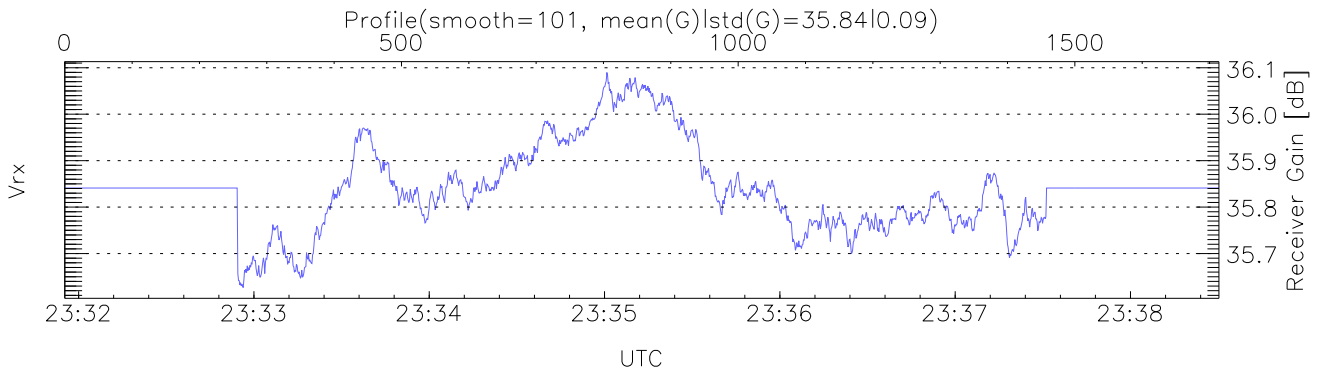
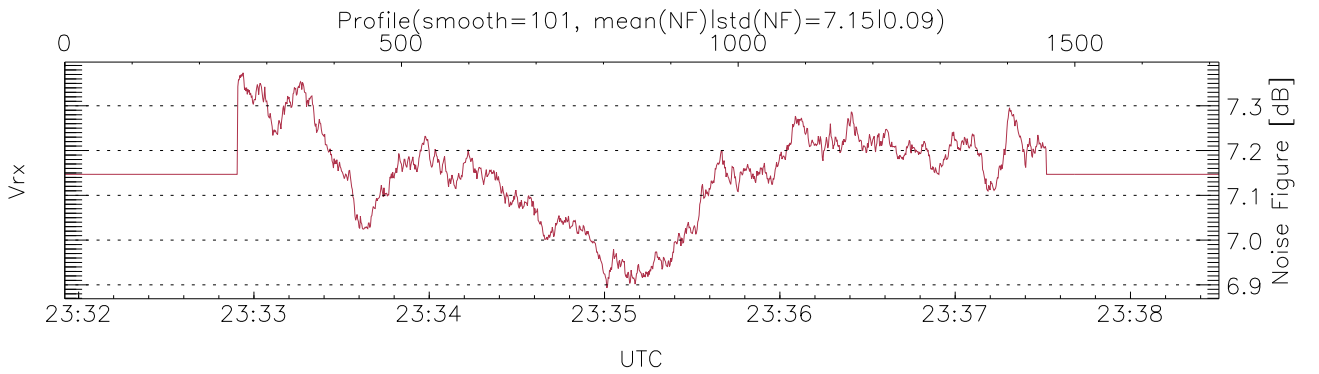
WCR3 FF3 Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:31:55-23:38:30, TimeCor: 0.00s, Dur: 395.00s
 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): 1715/1715, 0-1714/23:31:55-23:38:30
 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



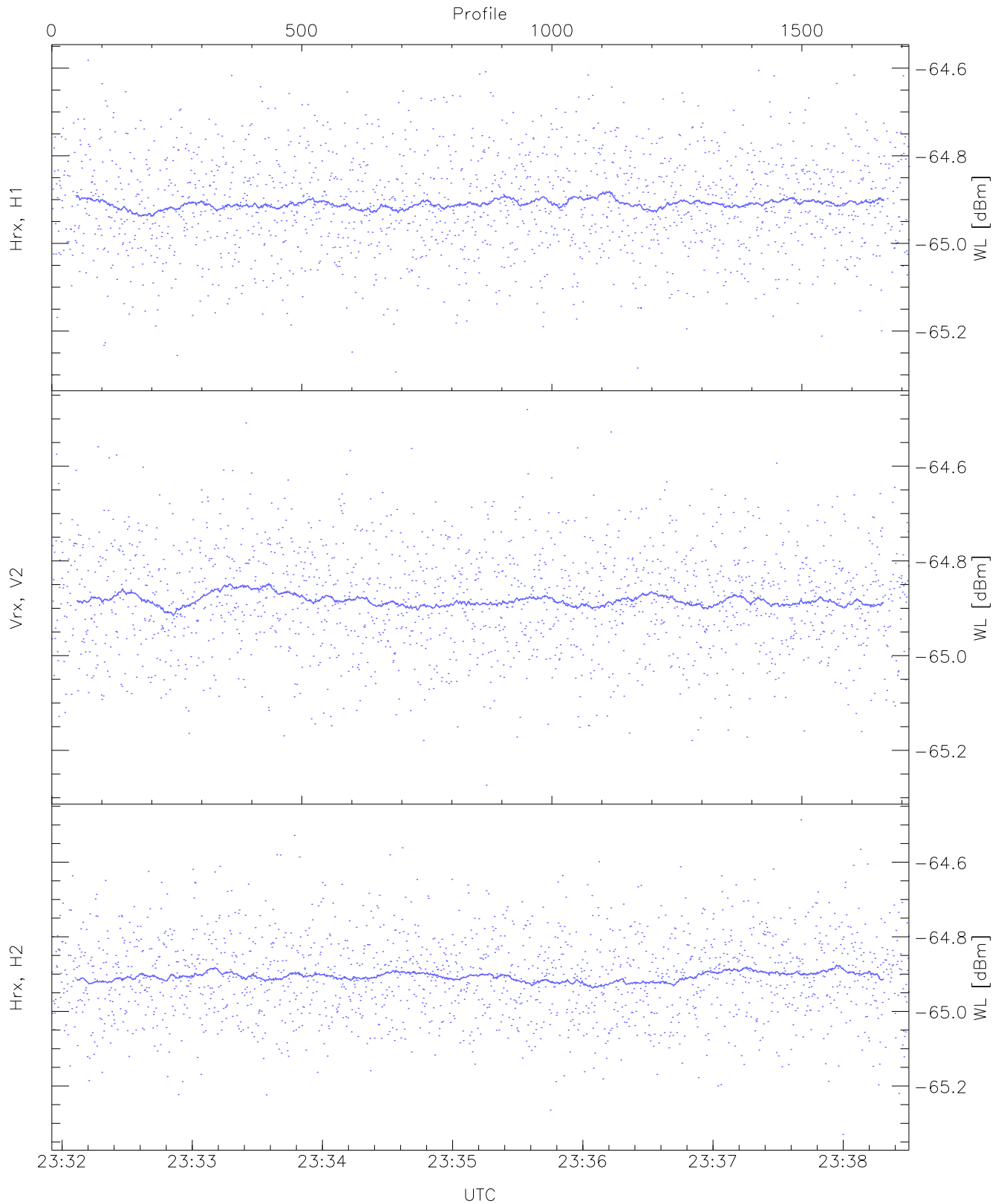
WCR3 FF3 Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,22,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,24,26
LOalarm(20,240,2817,14861 MHz): 0,0,10,0
EIK/Modulator Faults: None



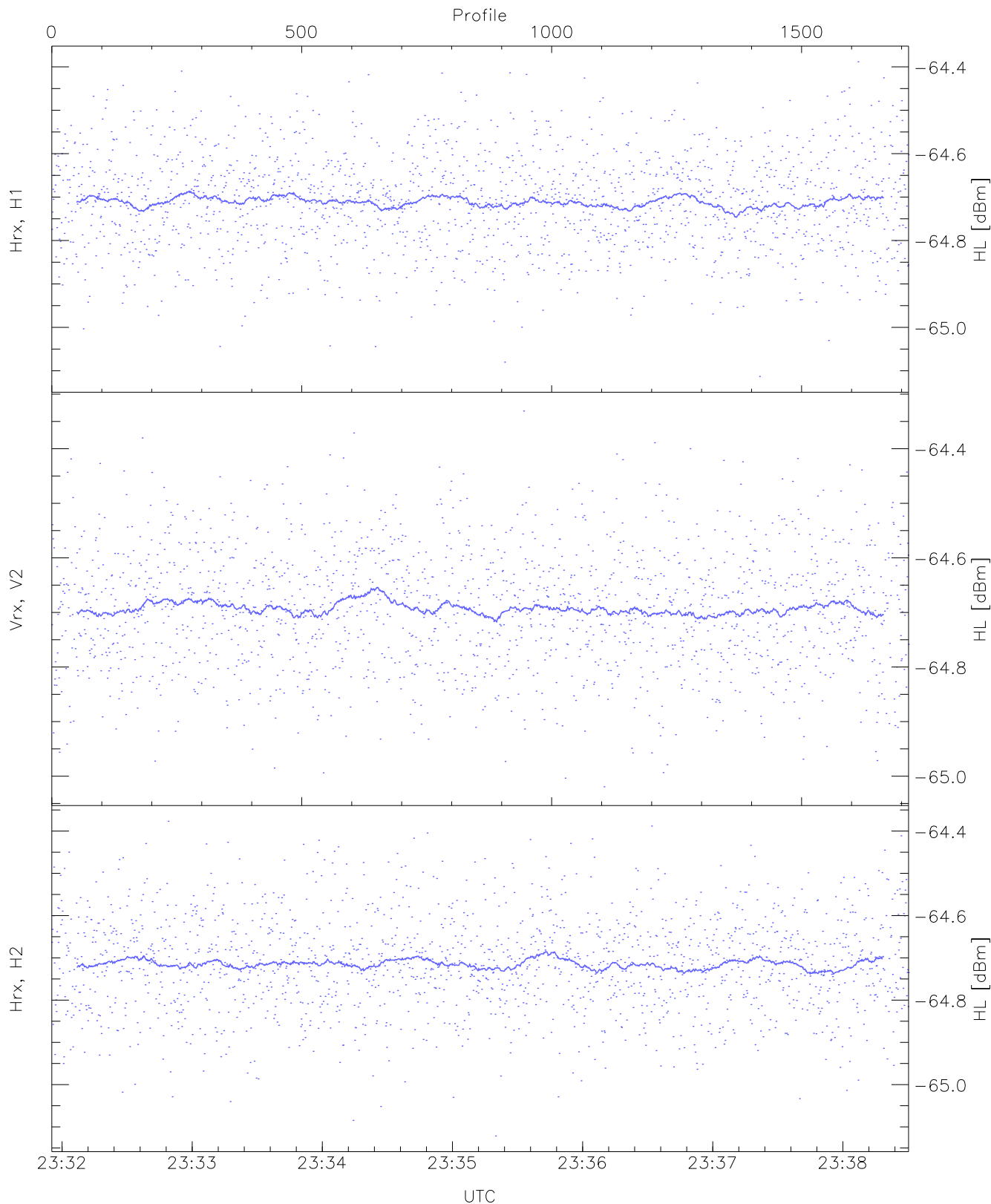
WCR3 FF3 Receivers Gain and Noise Figure

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



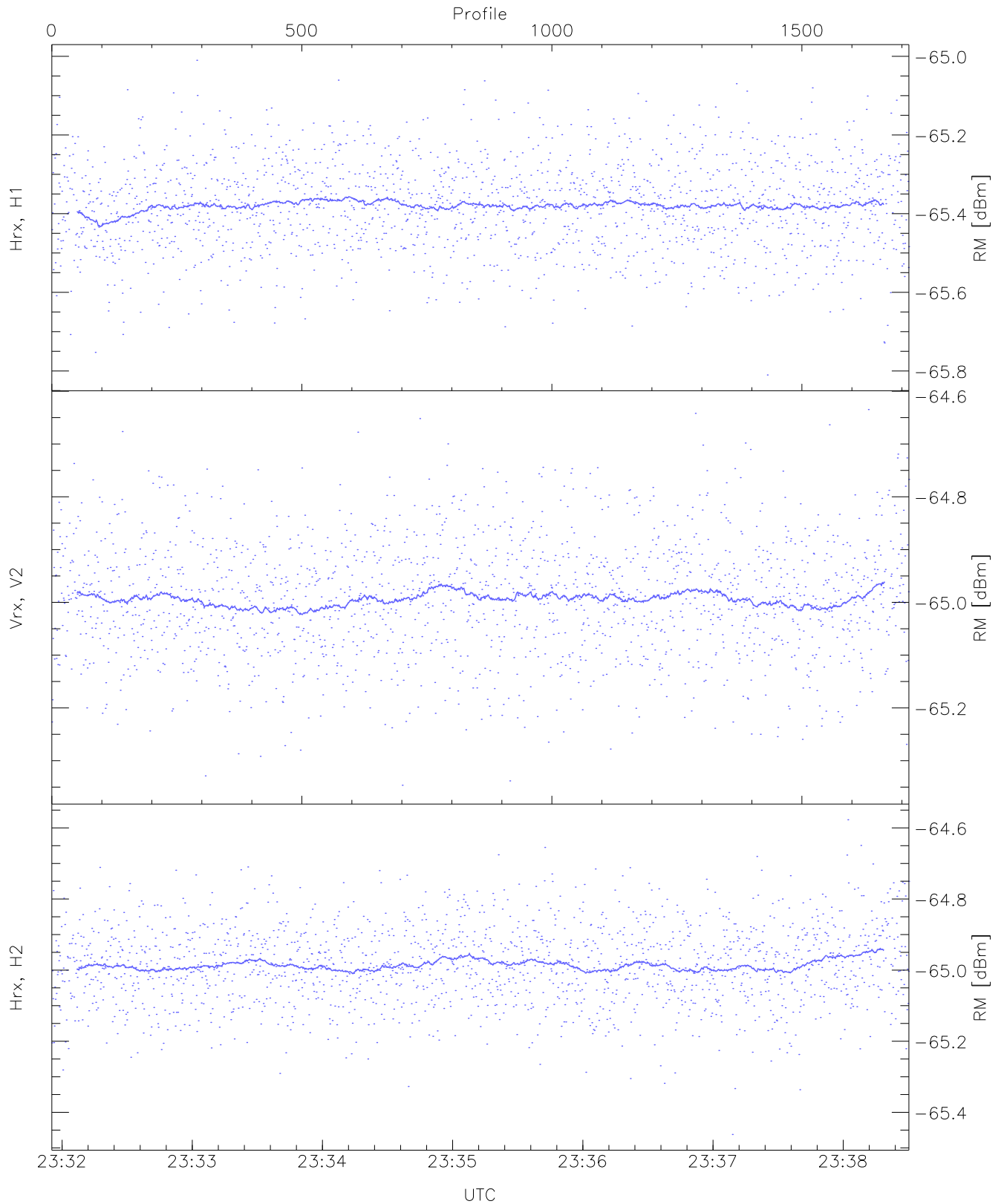
WCR3 FF3 Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.30	-64.58	-64.91	-64.91	-80.78
Vrx, V2 (WL [dBm])	-65.27	-64.48	-64.88	-64.88	-80.83
Hrx, H2 (WL [dBm])	-65.33	-64.49	-64.91	-64.91	-80.78



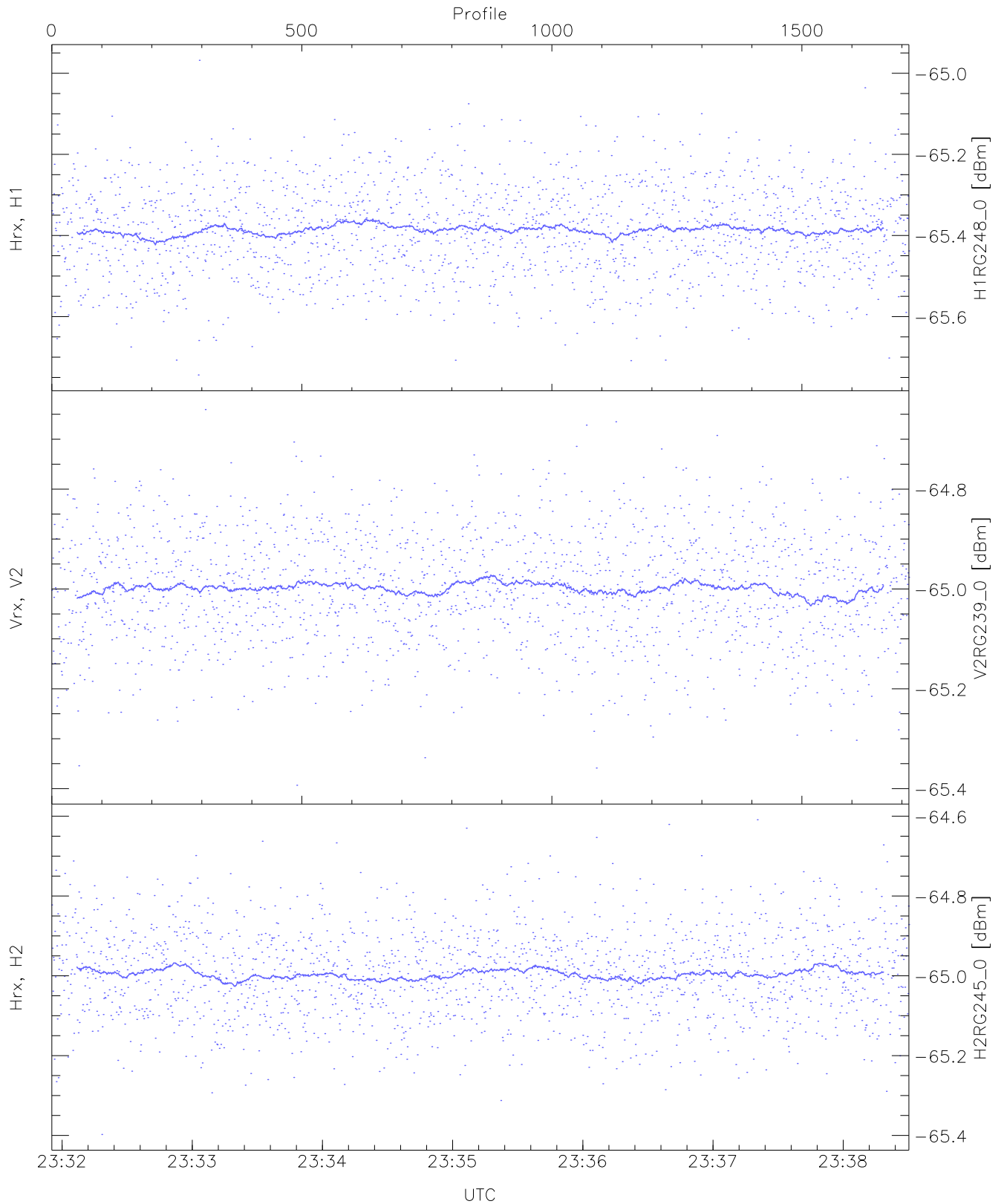
WCR3 FF3 Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.11	-64.39	-64.71	-64.71	-80.77
Vrx, V2 (HL [dBm])	-65.02	-64.33	-64.69	-64.69	-80.74
Hrx, H2 (HL [dBm])	-65.12	-64.38	-64.71	-64.71	-80.61



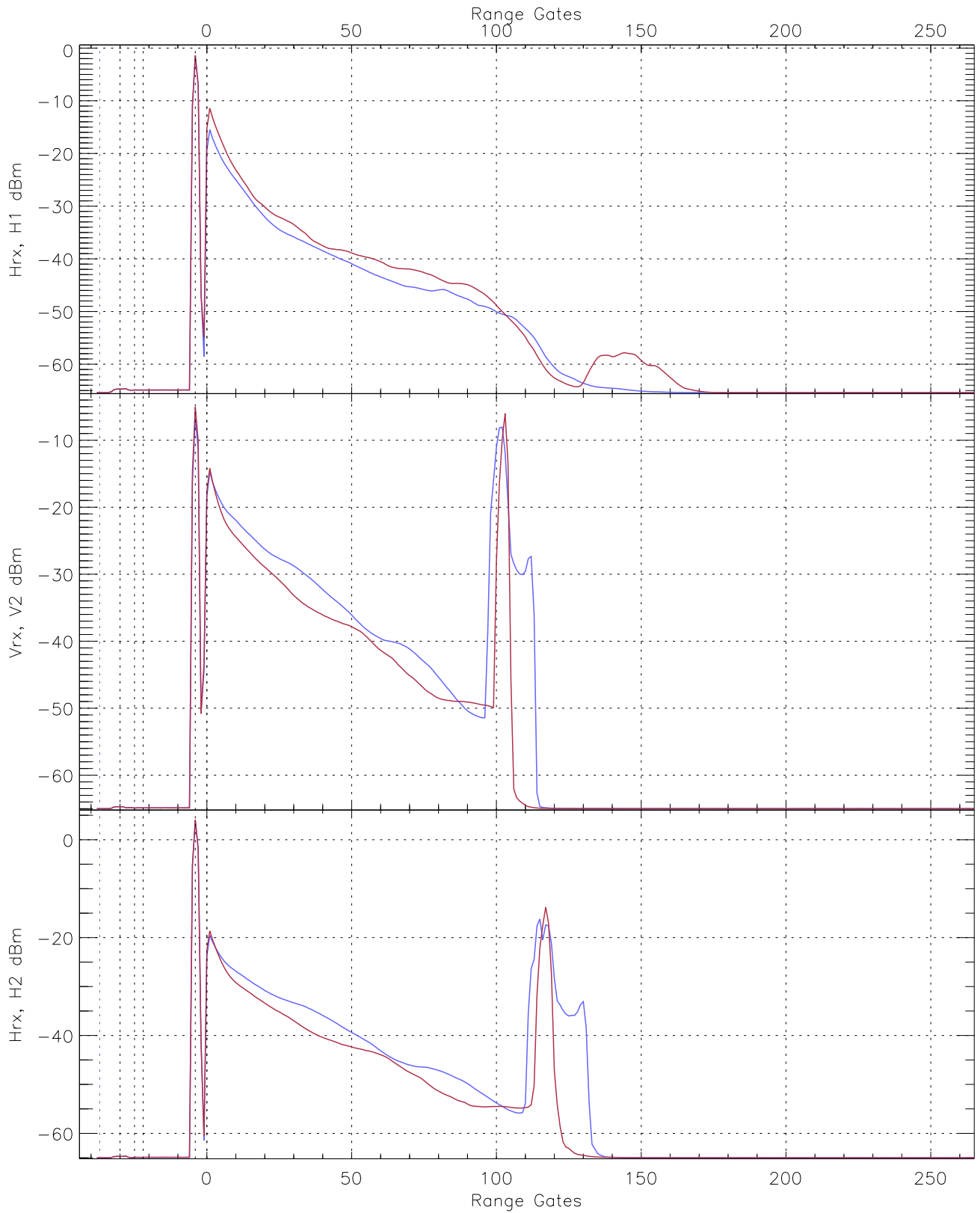
WCR3 FF3 Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.81	-65.01	-65.38	-65.38	-81.26
Vrx, V2 (RM [dBm])	-65.35	-64.63	-64.99	-64.99	-80.98
Hrx, H2 (RM [dBm])	-65.46	-64.58	-64.98	-64.99	-80.98

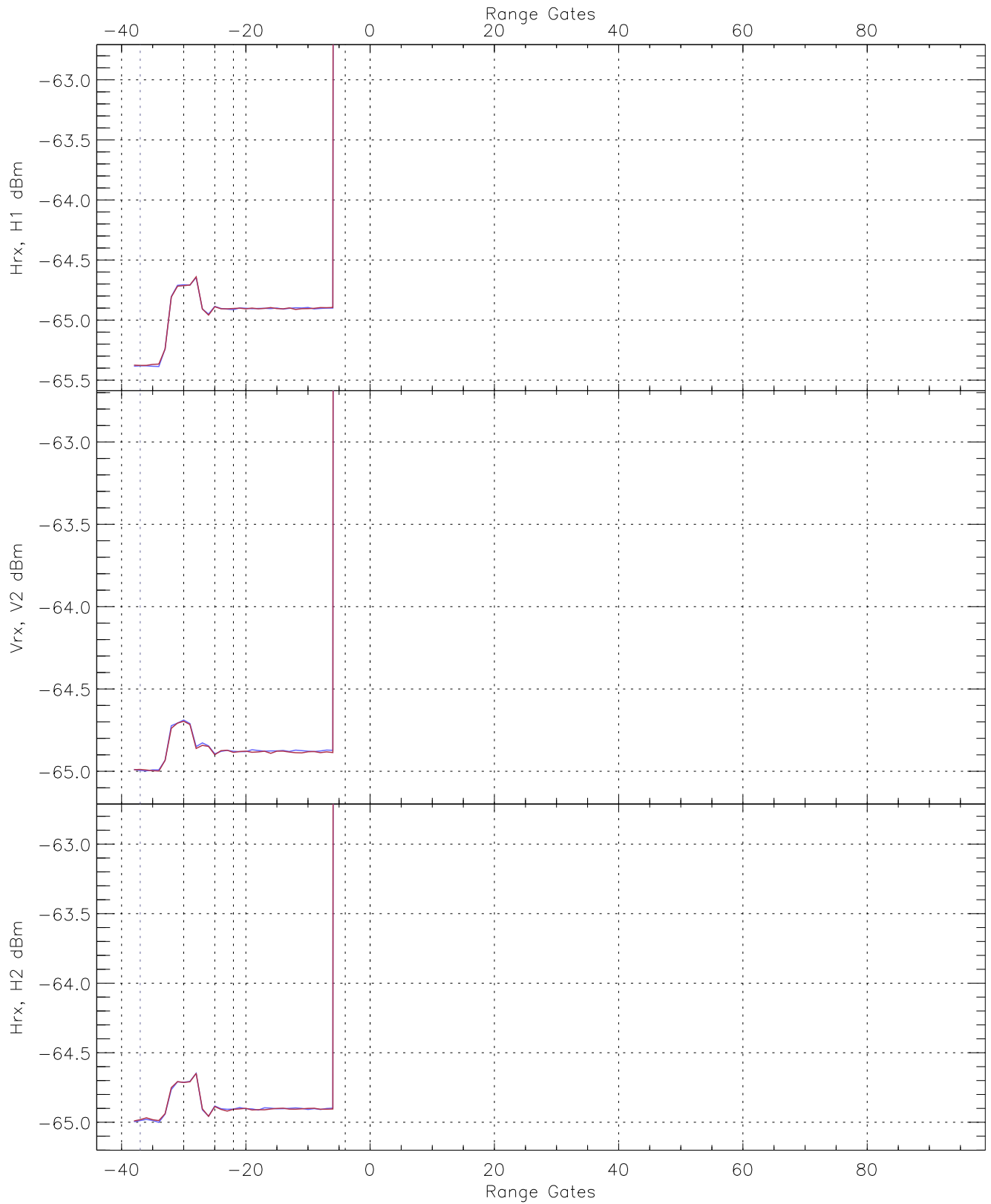


WCR3 FF3 "Best" estimate Receivers Noise Power

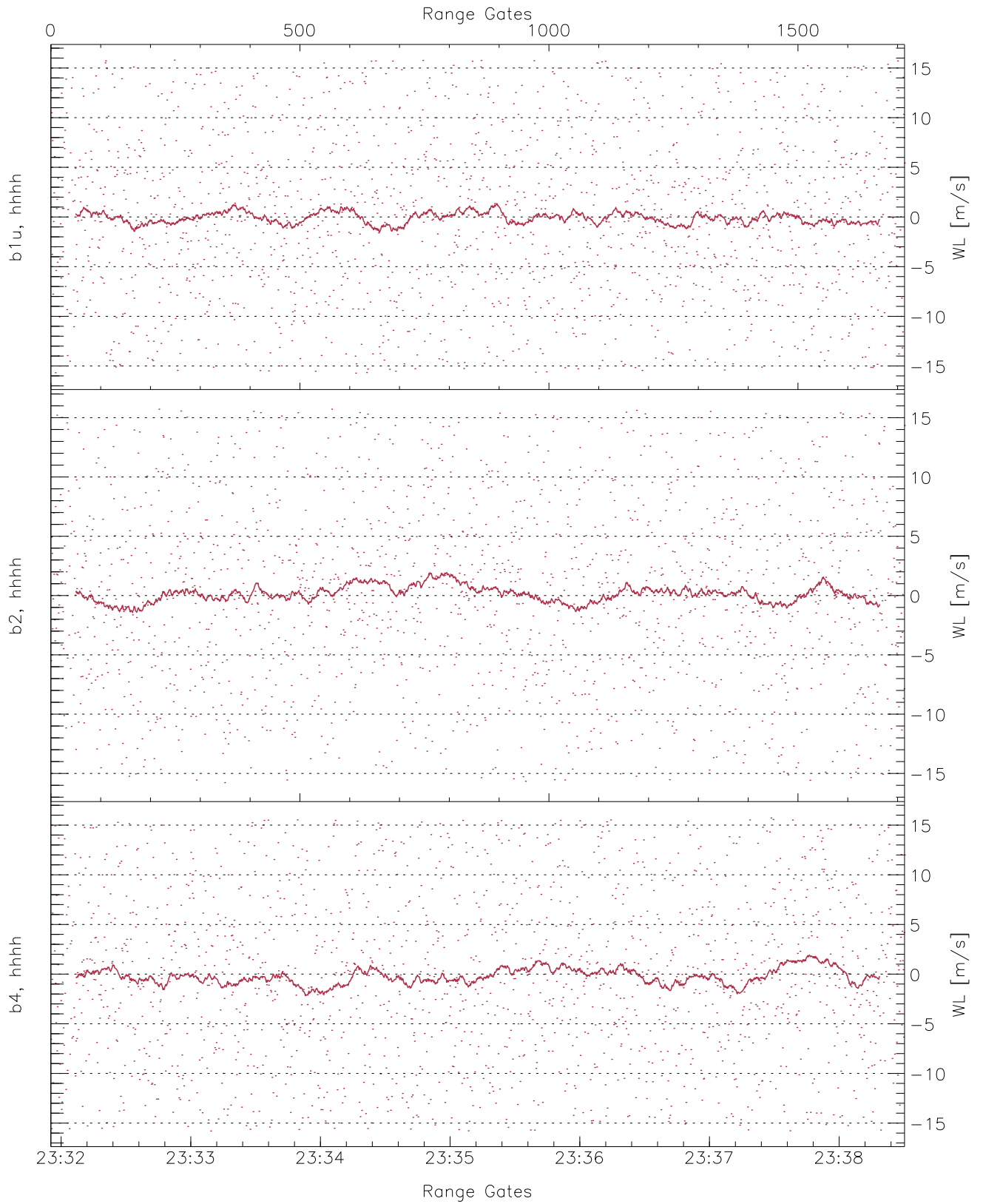
	Min	Max	Mean	Median	StDev
H1RG248_0 [dBm]	-65.74	-64.97	-65.39	-65.38	-81.37
V2RG239_0 [dBm]	-65.39	-64.64	-65.00	-65.00	-81.00
H2RG245_0 [dBm]	-65.40	-64.61	-64.99	-64.99	-81.01



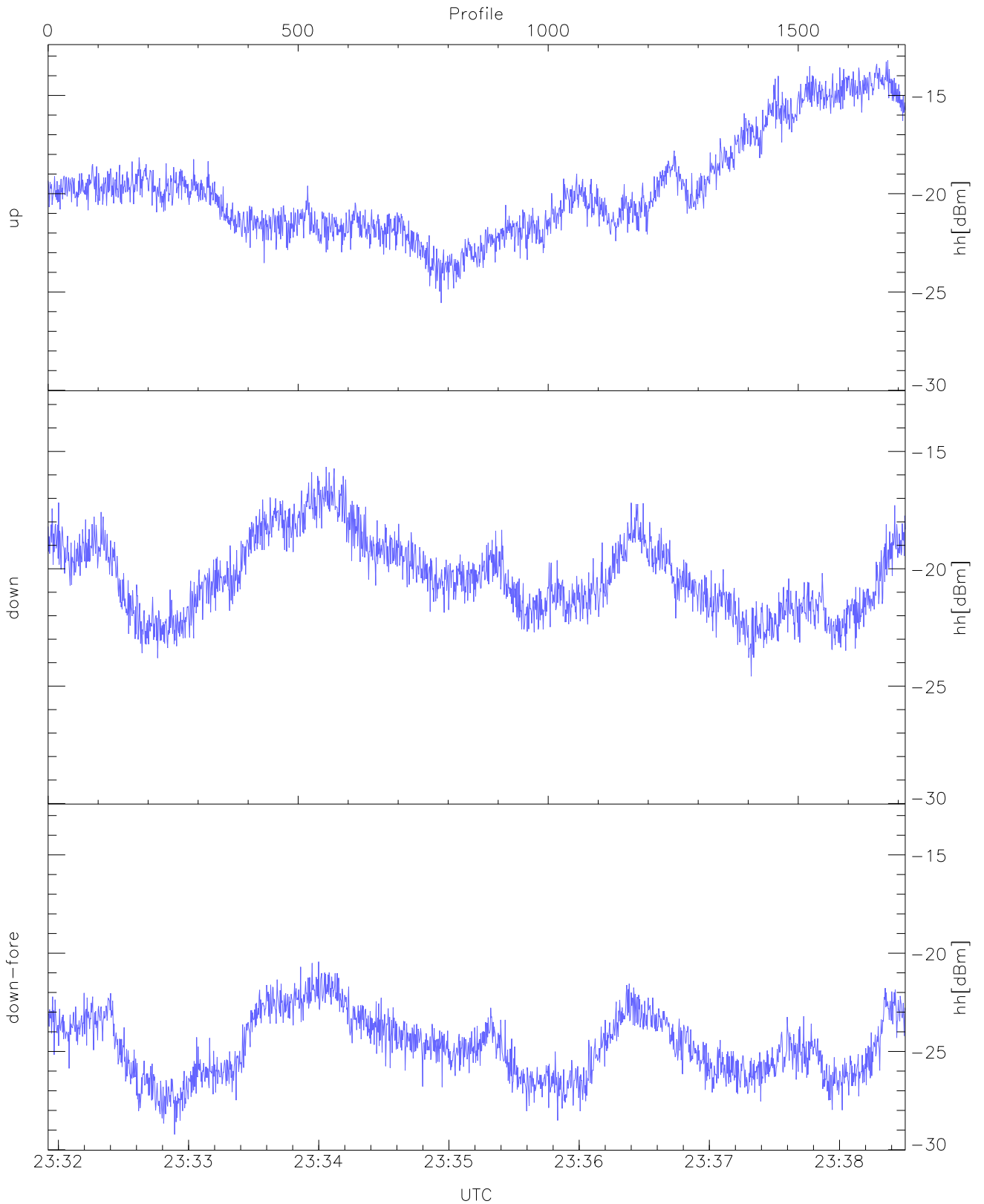
WCR3 FF3 Averaged Received power for all recorded gates
blue: 233155-233513, 858 profiles averaged
red: 233513-233830, 858 profiles averaged



WCR3 FF3 Averaged Received power for the negative gates and up to 100 gate
blue: 233155-233513, 858 profiles averaged
red: 233513-233830, 858 profiles averaged

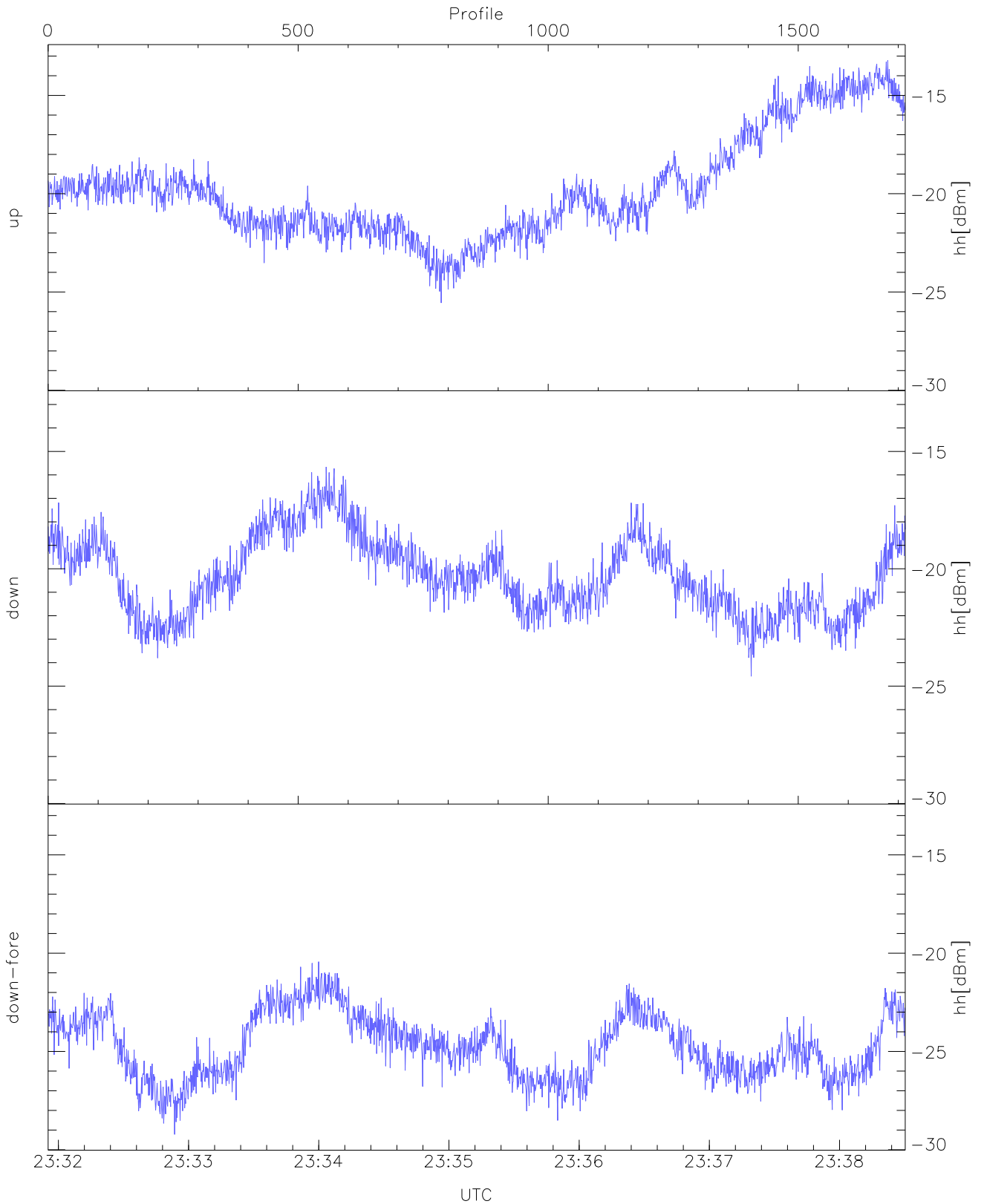


WCR3 FF3 Receivers Phase Noise (in m/s) from the Warm Loads Measurements



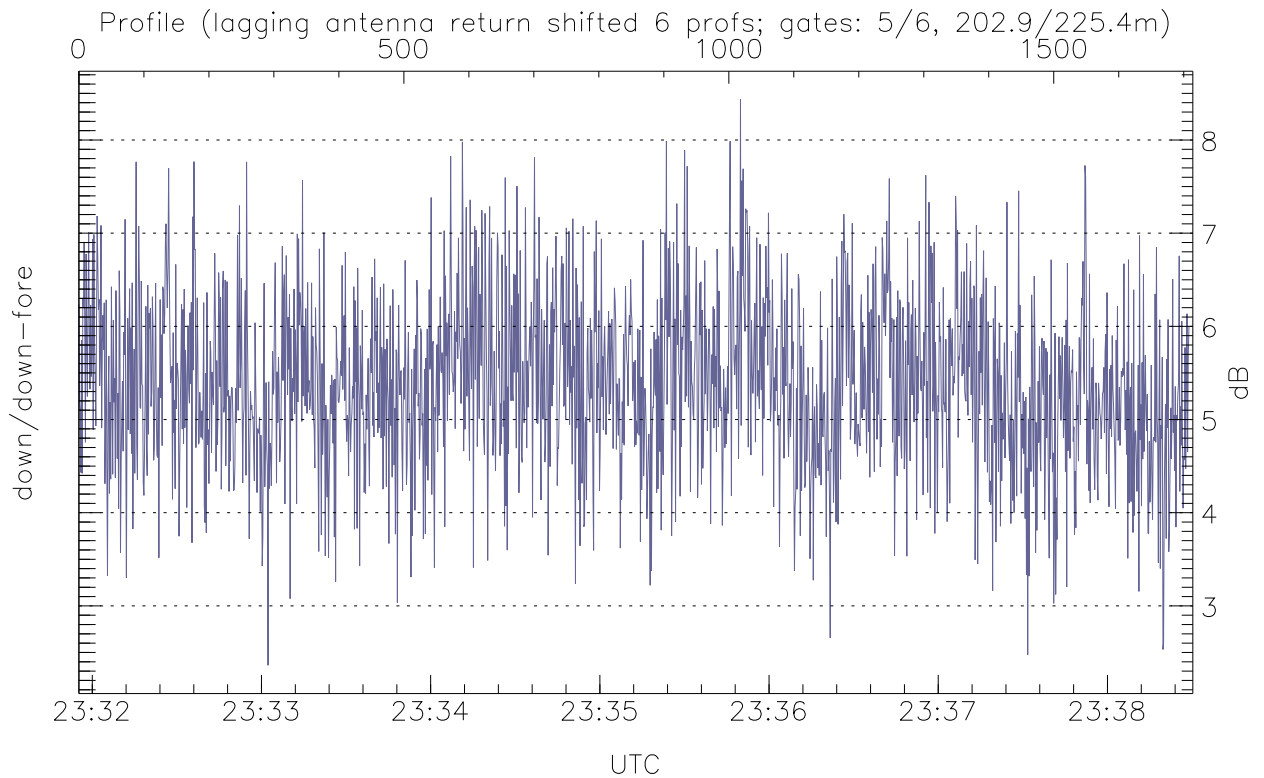
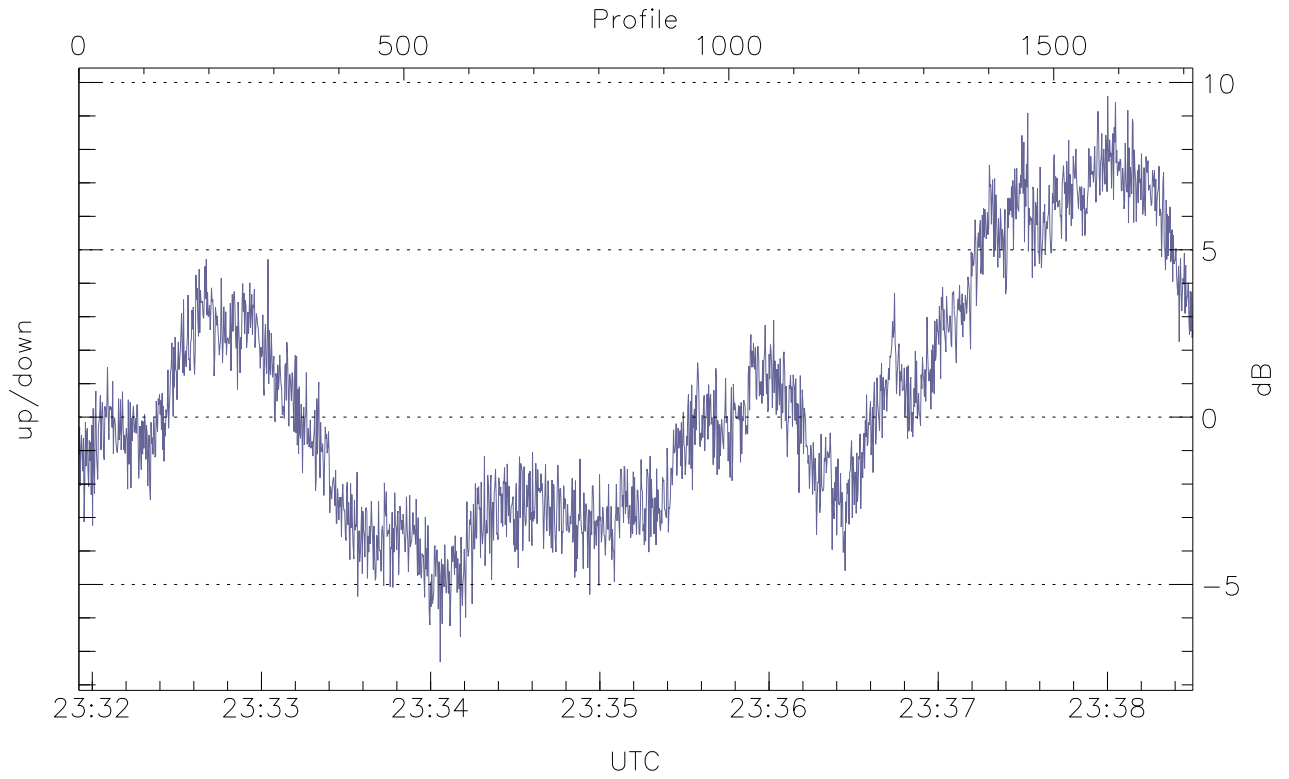
WCR3 FF3 Received Power Products for Range gate 5 (202.9 m)

	Min	Max	Mean
up(hh[dBm])	-25.56	-13.21	-18.91
down(hh[dBm])	-24.58	-15.66	-20.01
down-fore(hh[dBm])	-29.22	-20.43	-24.45



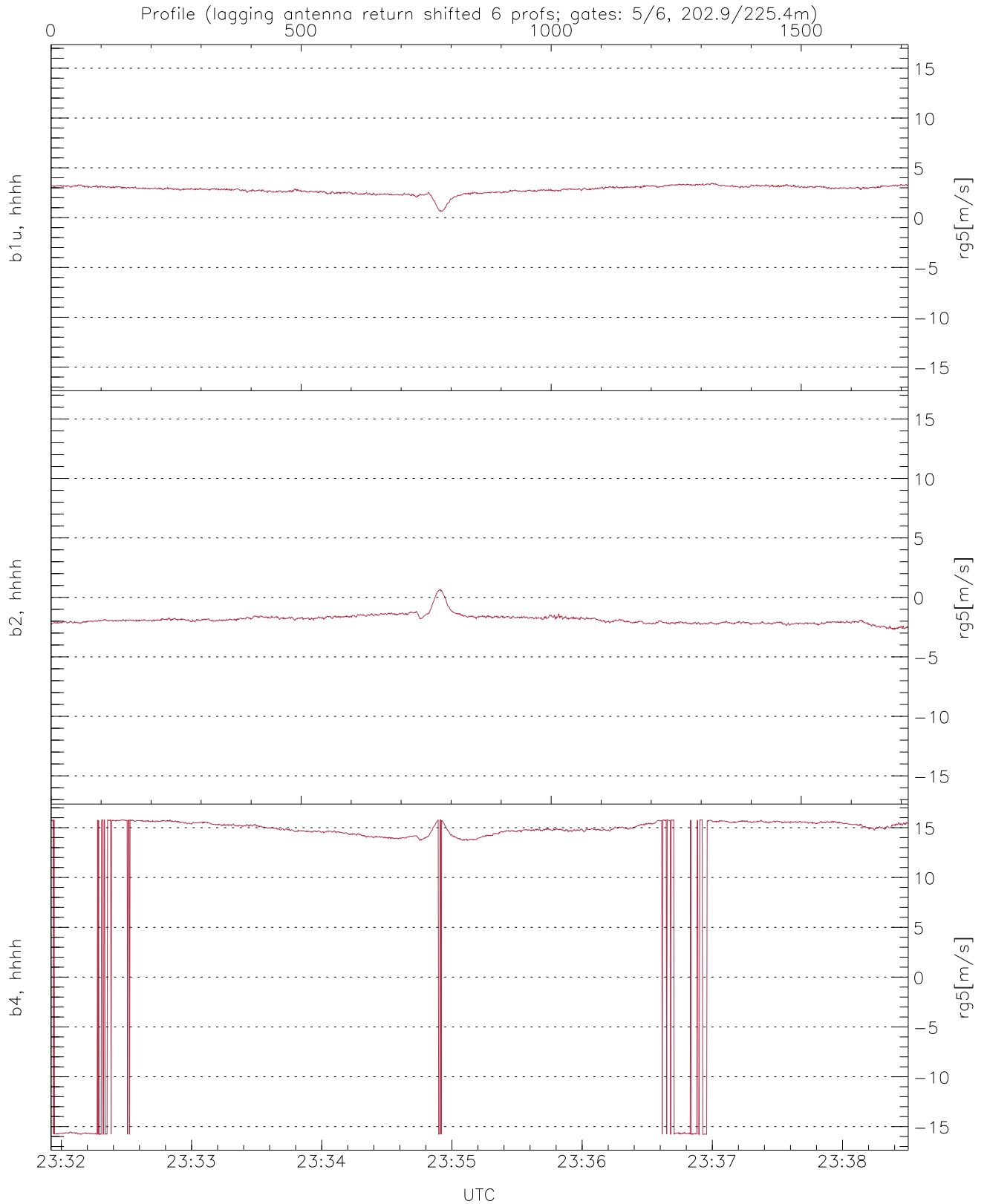
WCR3 FF3 Power Products(psdmom0) for Range gate 5 (202.9 m)

	Min	Max	Mean
up(hh[dBm])	-25.56	-13.21	-18.91
down(hh[dBm])	-24.58	-15.66	-20.01
down-fore(hh[dBm])	-29.22	-20.43	-24.45



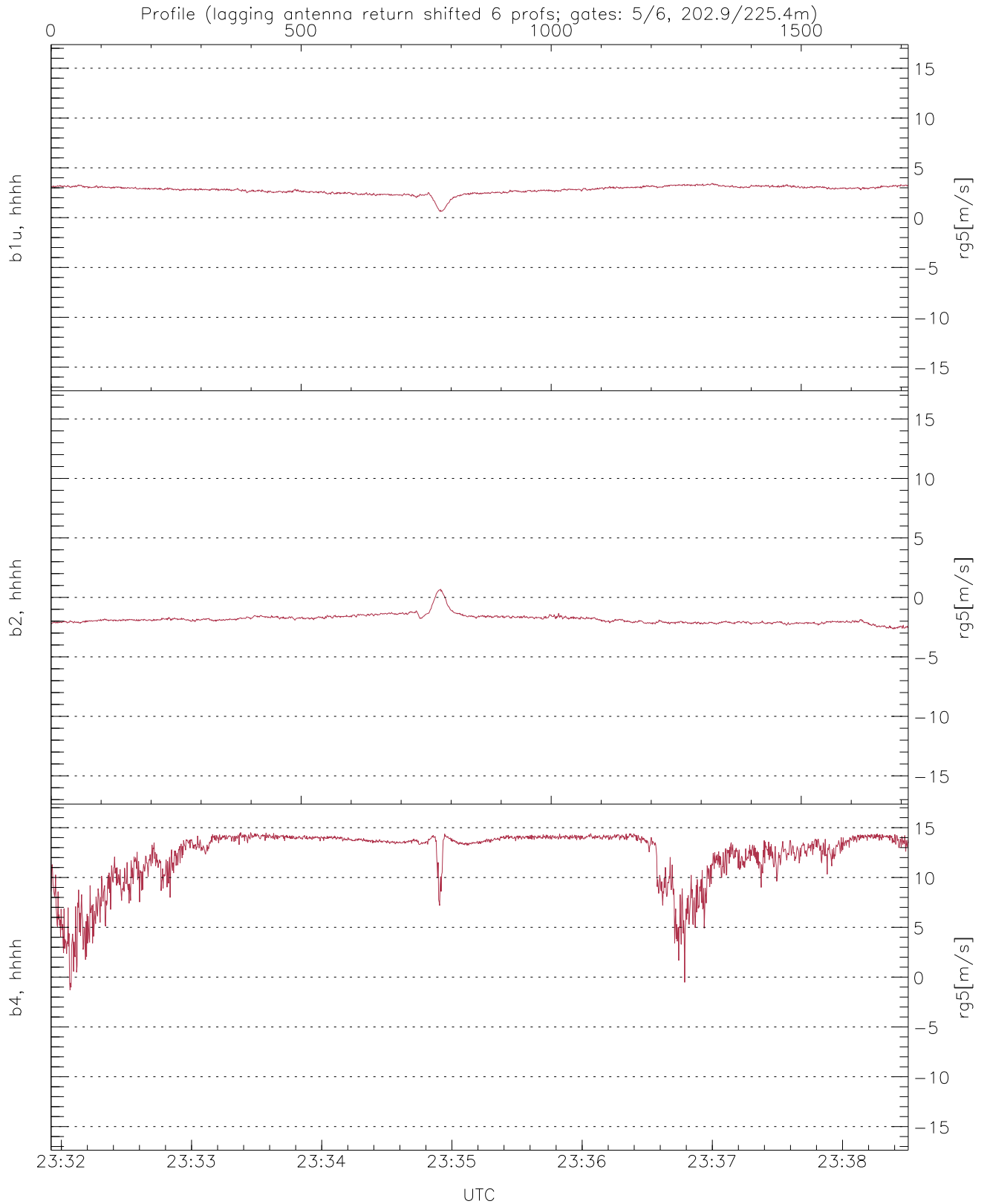
WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (202 m)

	Min	Max	Mean
up/down (dB)	-7.32	9.59	0.52
down/down-fore (dB)	2.36	8.43	5.39



WCR3 FF3 Doppler Velocity Products at 202.9 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.62	3.46	2.83	0.40
b2, hhhh(rg5[m/s])	-2.69	0.65	-1.86	0.40
b4, hhhh(rg5[m/s])	-15.79	15.79	12.03	9.13



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

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.63	3.44	2.80	0.39
b2, hhhh(rg5[m/s])	-2.65	0.67	-1.83	0.40
b4, hhhh(rg5[m/s])	-1.32	14.52	12.39	2.68