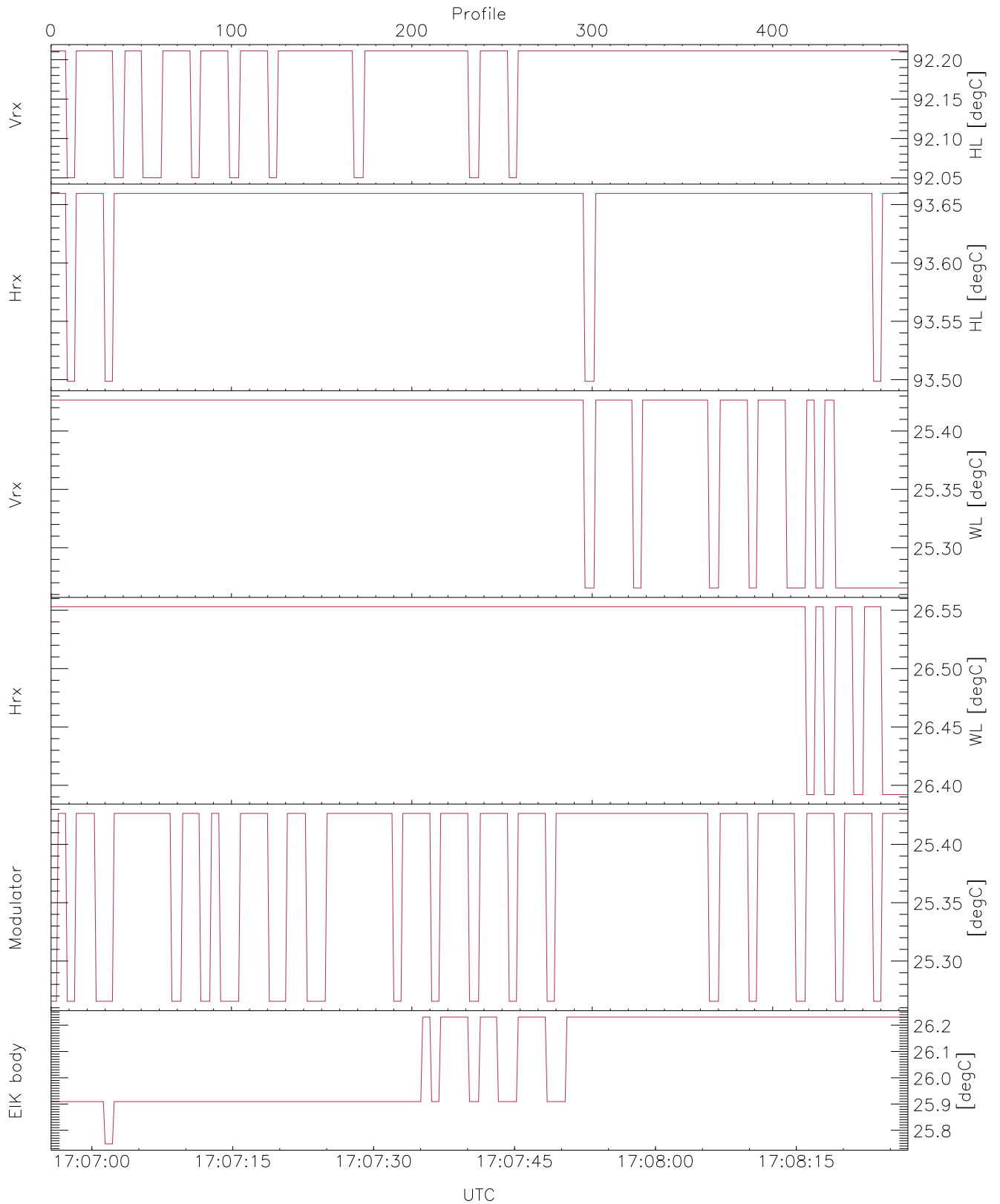


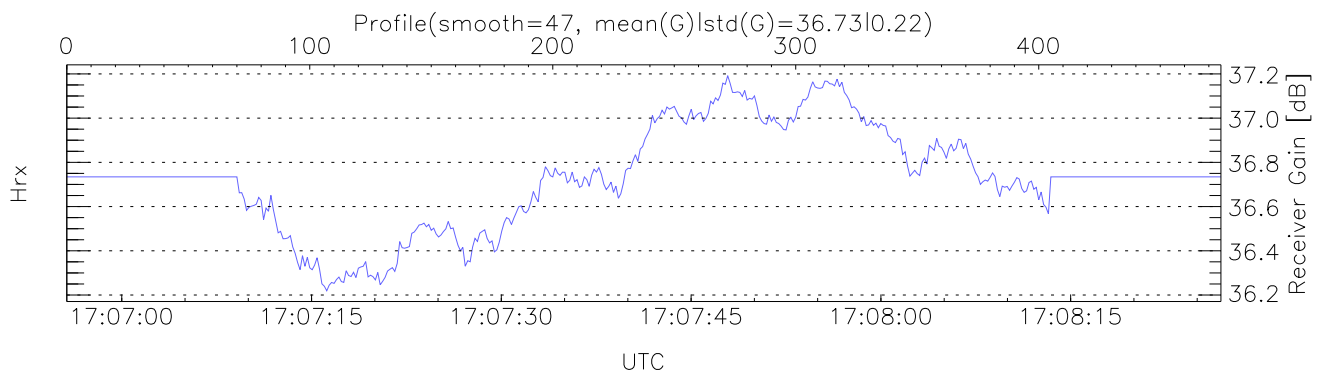
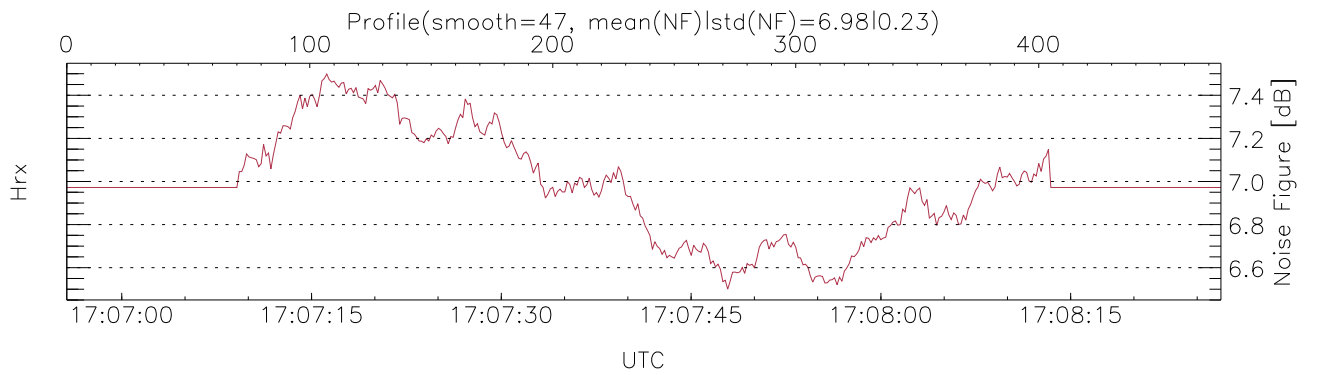
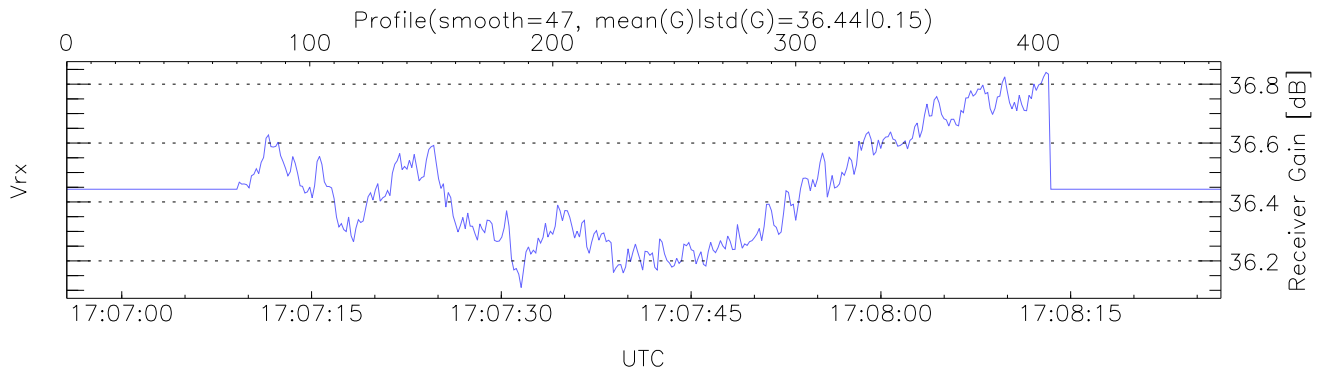
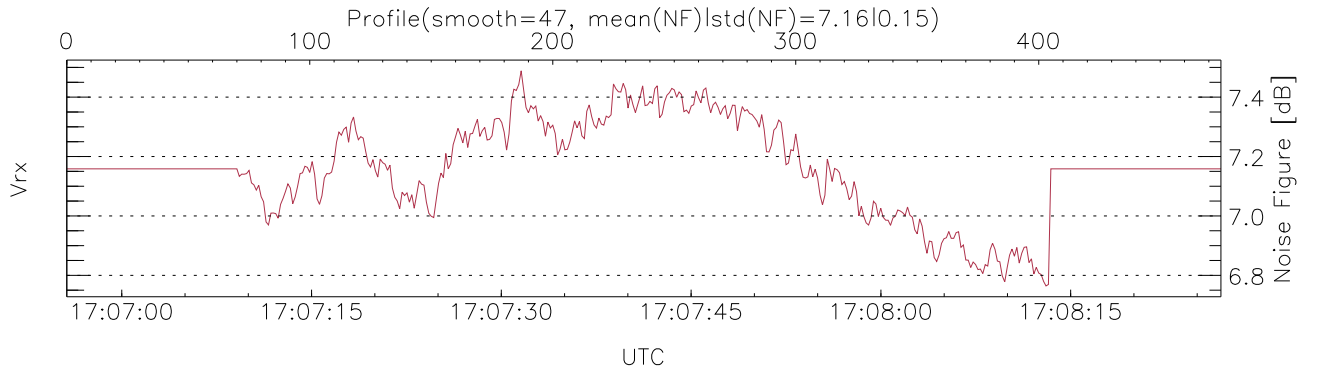
WCR3 FF2 Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:06:56-17:08:27, TimeCor: 0.00s, Dur: 91.22s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 192.0,192.0,192.0,0.0 ms / 5.2,5.2,5.2
 NumRec(r/t): 476/476, 0-475/17:06:56-17:08:27
 AcqTime: 192.0ms, Rate: 0.640MB/s, Averages (req.,actual): 30,30
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 V1
 PRF: 10.0 10.0 10.0 10.0 KHz, IGS: 100us
 Range(min,max,rqs): 90, 5973, 30.0 m, Gates: 197, Aspect: 1.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1
 FFTlen: 32, FFTwin: rectangular, # averagedFFT: 30, cr-polFFT: YES
 FFTres: 0.493,0.493,0.493,0.493 m/s, PulsePairCalc: YES



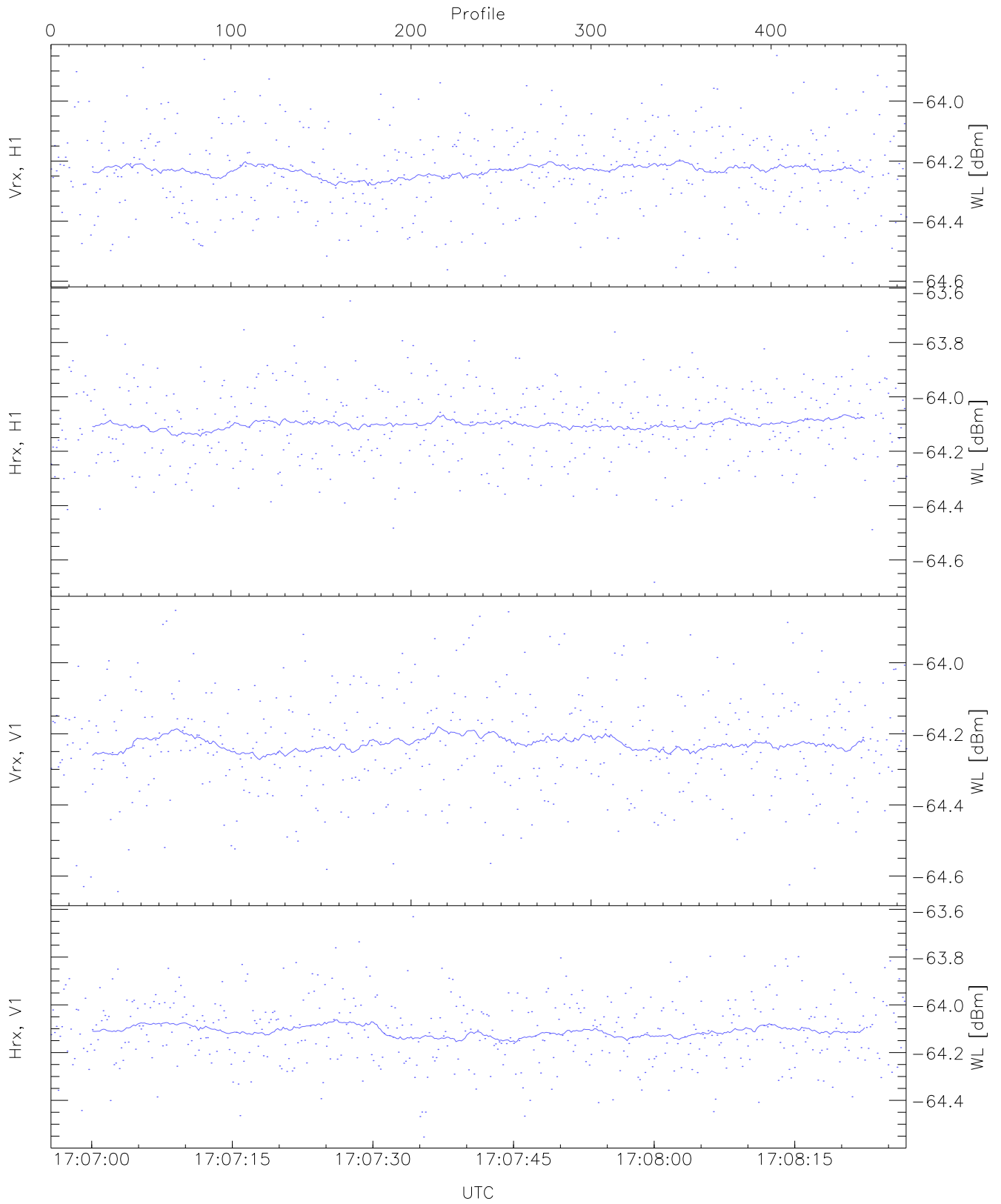
WCR3 FF2 Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,25,26
LOalarm(20,240,2817,14861 MHz): 0,0,4,0
EIK/Modulator Faults: None



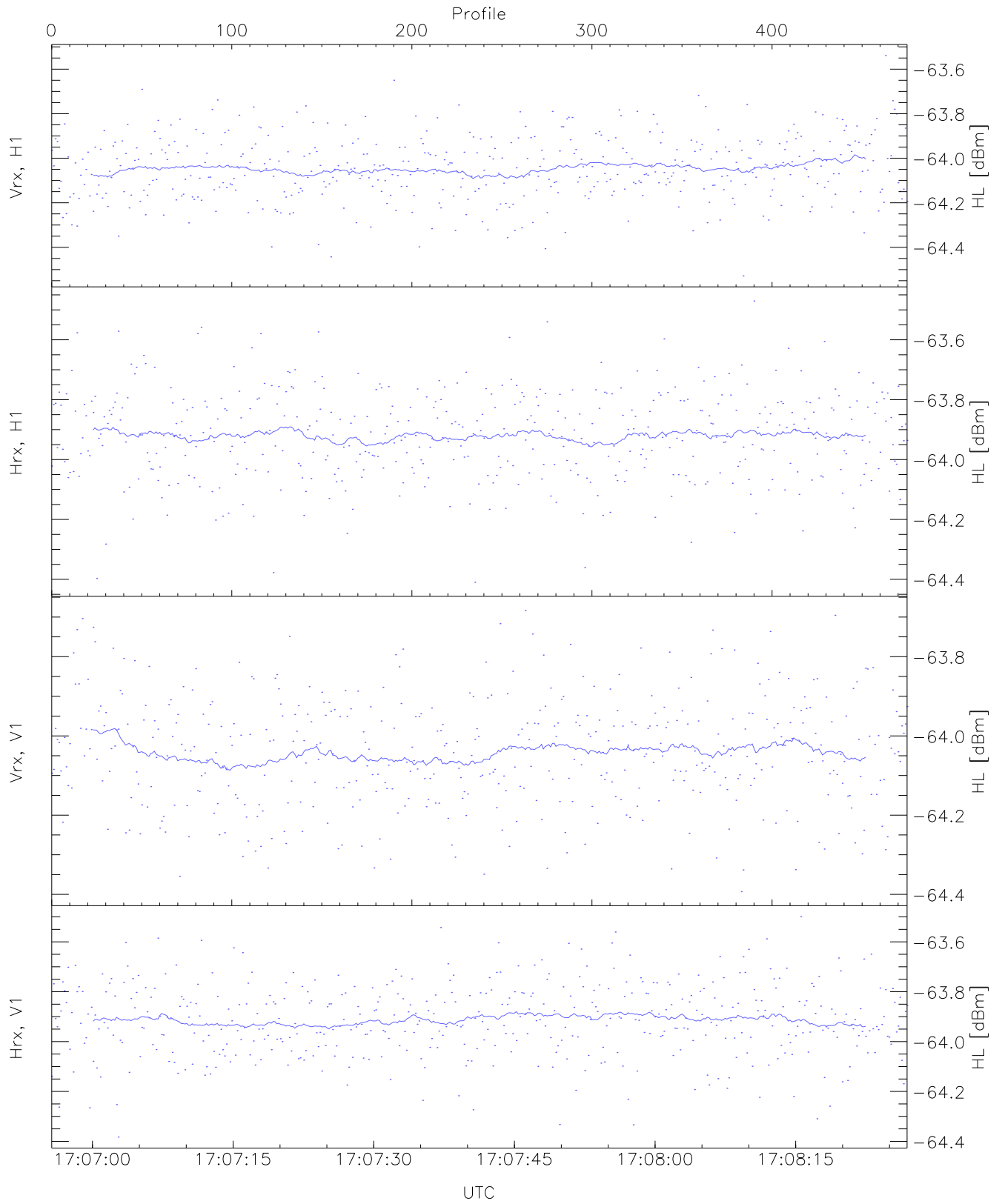
WCR3 FF2 Receivers Gain and Noise Figure

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



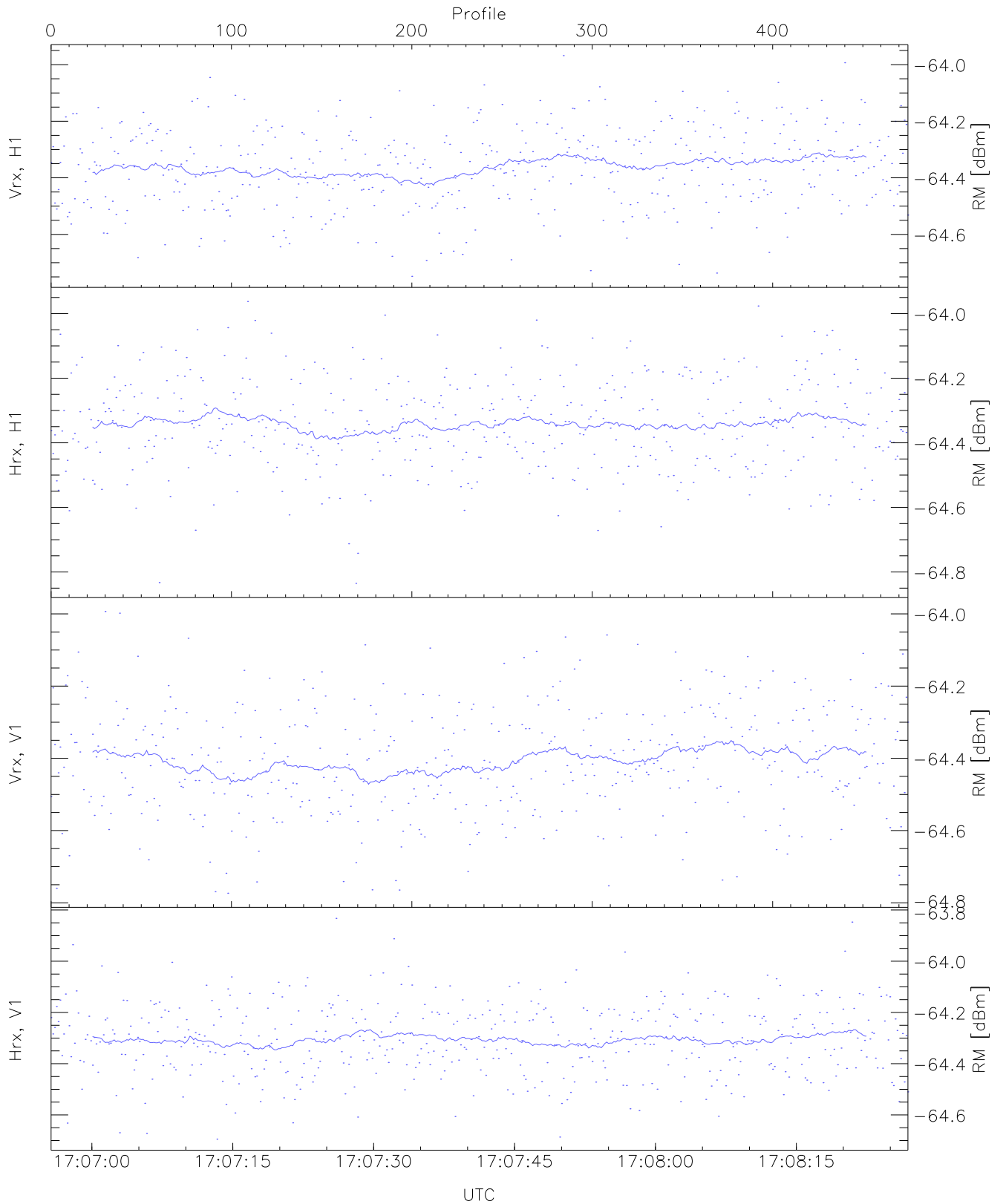
WCR3 FF2 Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, H1 (WL [dBm])	-64.58	-63.85	-64.23	-64.23	-79.20
Hrx, H1 (WL [dBm])	-64.68	-63.65	-64.10	-64.10	-78.95
Vrx, V1 (WL [dBm])	-64.64	-63.85	-64.23	-64.23	-79.01
Hrx, V1 (WL [dBm])	-64.55	-63.63	-64.11	-64.11	-78.97



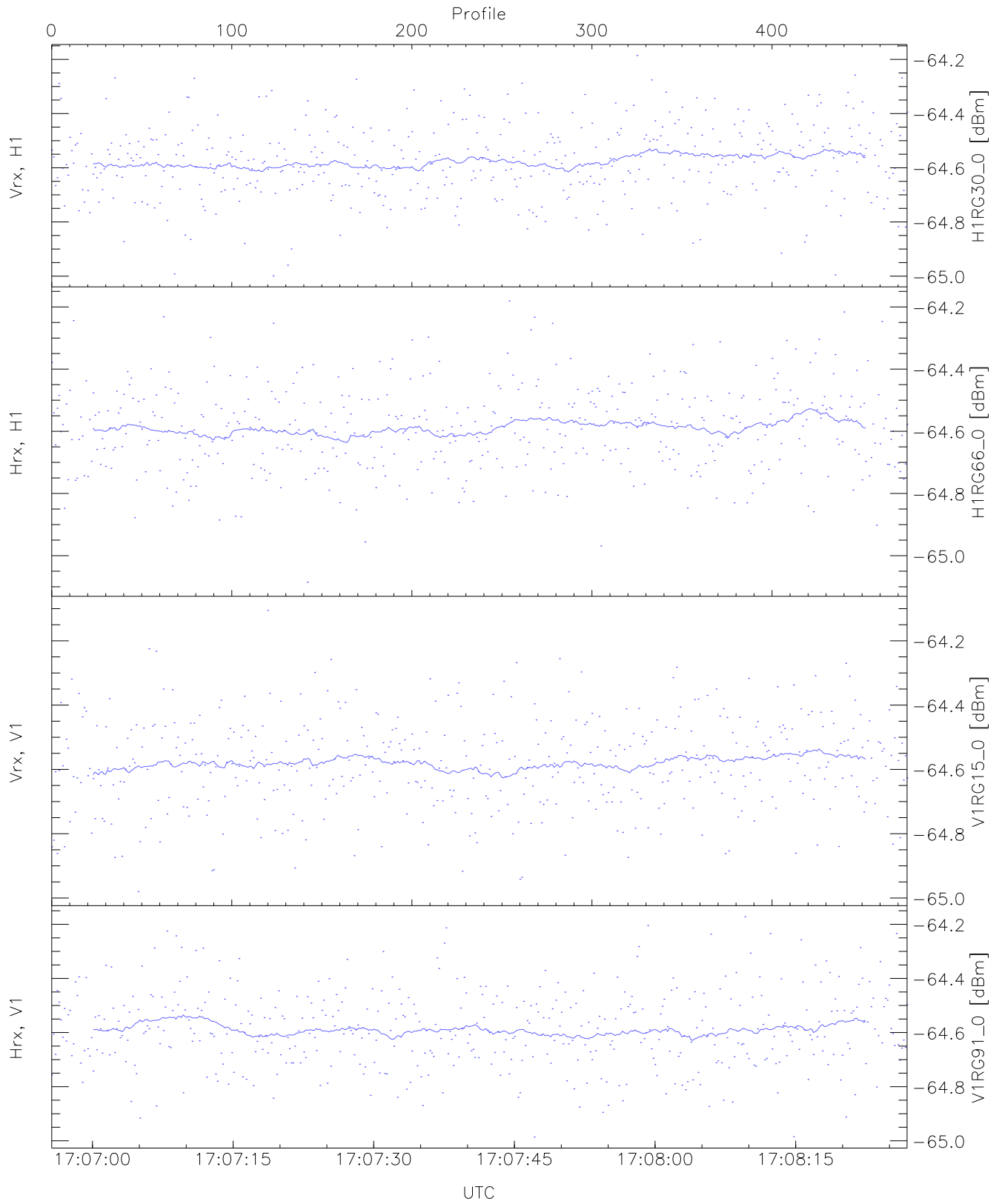
WCR3 FF2 Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, H1 (HL [dBm])	-64.53	-63.54	-64.04	-64.05	-78.89
Hrx, H1 (HL [dBm])	-64.41	-63.47	-63.92	-63.92	-78.67
Vrx, V1 (HL [dBm])	-64.39	-63.68	-64.04	-64.04	-79.04
Hrx, V1 (HL [dBm])	-64.38	-63.50	-63.91	-63.91	-78.70



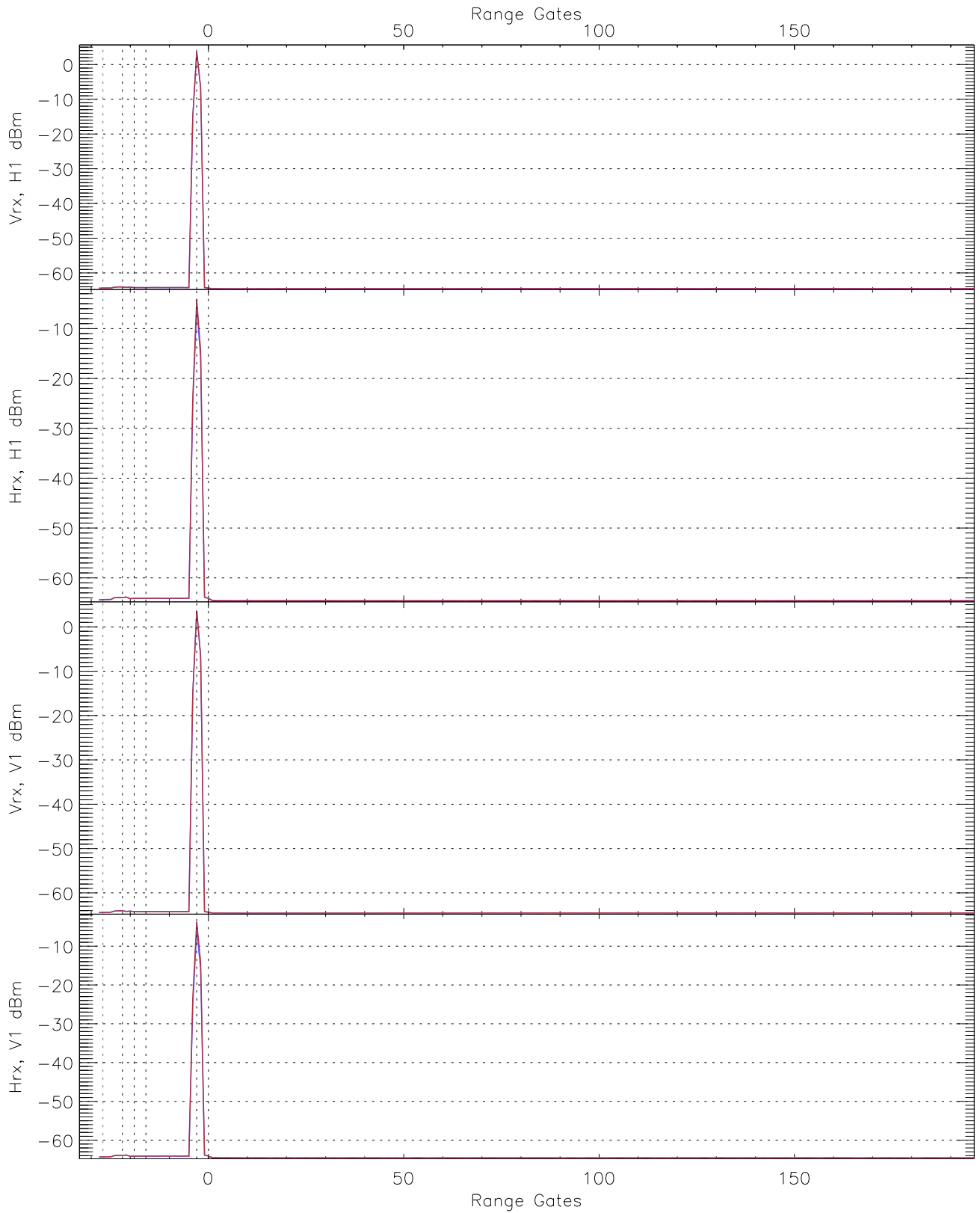
WCR3 FF2 Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, H1 (RM [dBm])	-64.75	-63.97	-64.36	-64.36	-79.31
Hrx, H1 (RM [dBm])	-64.84	-63.96	-64.34	-64.35	-79.25
Vrx, V1 (RM [dBm])	-64.77	-63.99	-64.40	-64.41	-79.08
Hrx, V1 (RM [dBm])	-64.69	-63.83	-64.30	-64.31	-79.26

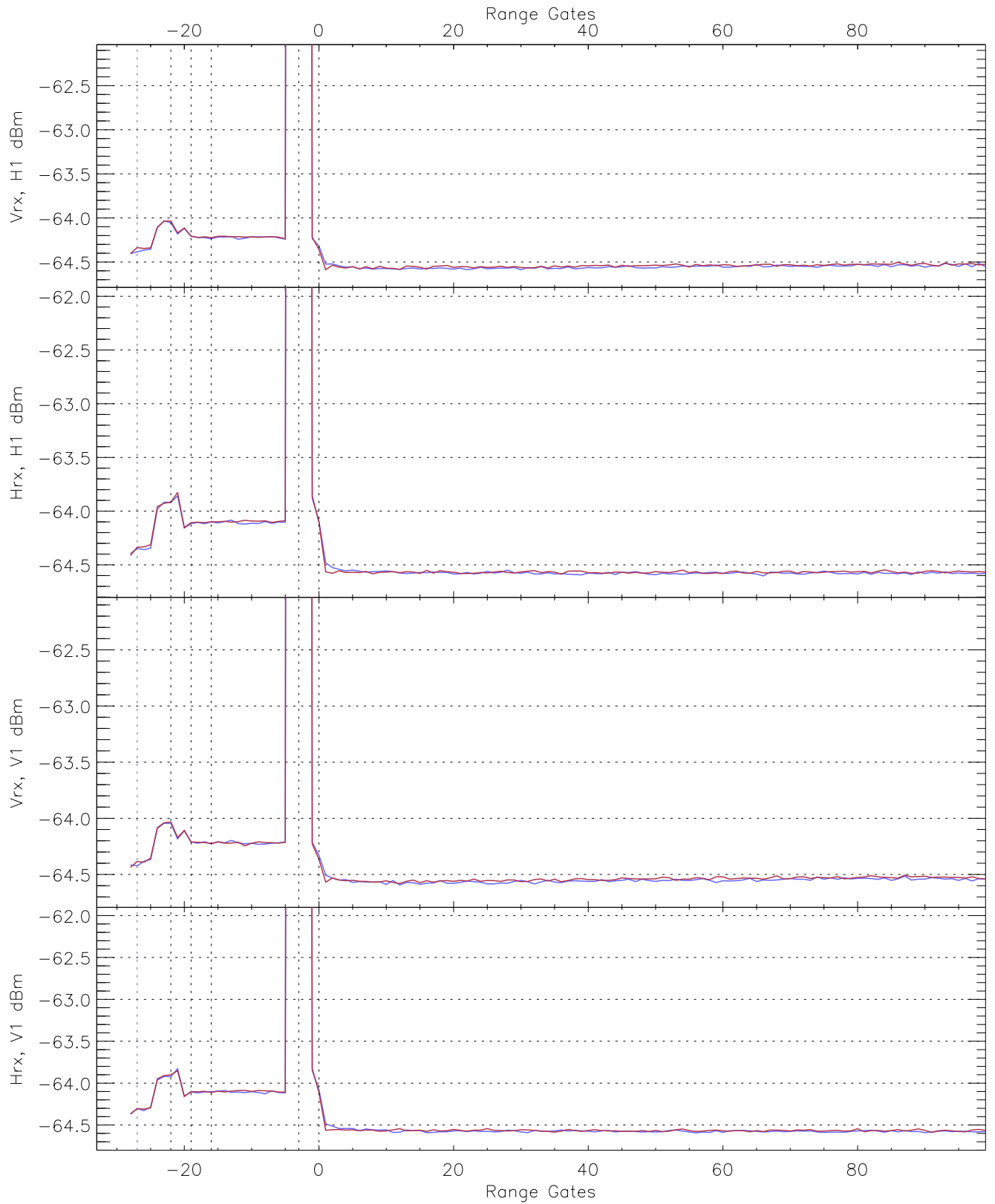


WCR3 FF2 "Best" estimate Receivers Noise Power

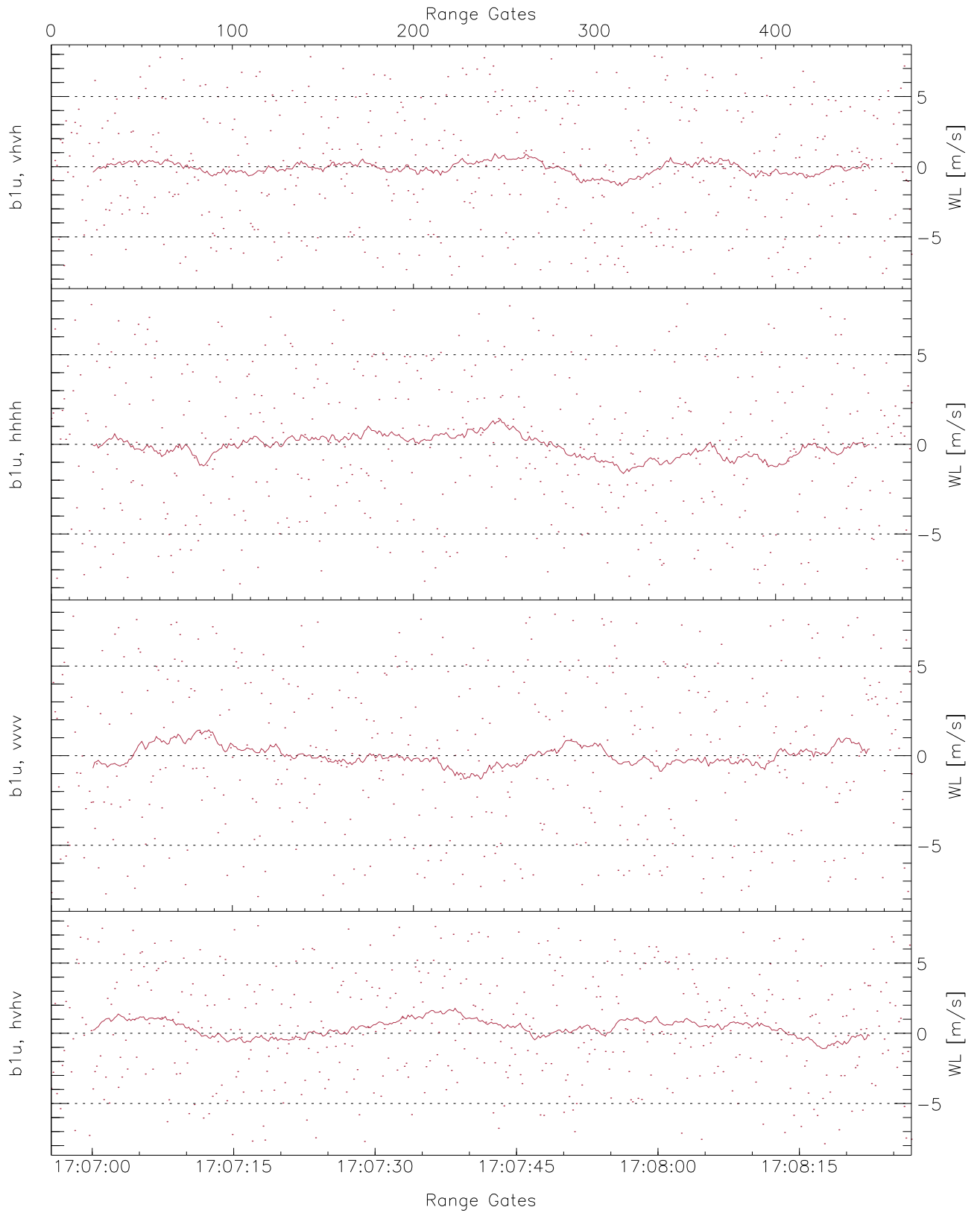
	Min	Max	Mean	Median	StDev
H1RG30_0 [dBm]	-65.00	-64.19	-64.57	-64.57	-79.64
H1RG66_0 [dBm]	-65.09	-64.18	-64.59	-64.59	-79.62
V1RG15_0 [dBm]	-64.98	-64.11	-64.58	-64.58	-79.44
V1RG91_0 [dBm]	-64.99	-64.17	-64.59	-64.60	-79.45



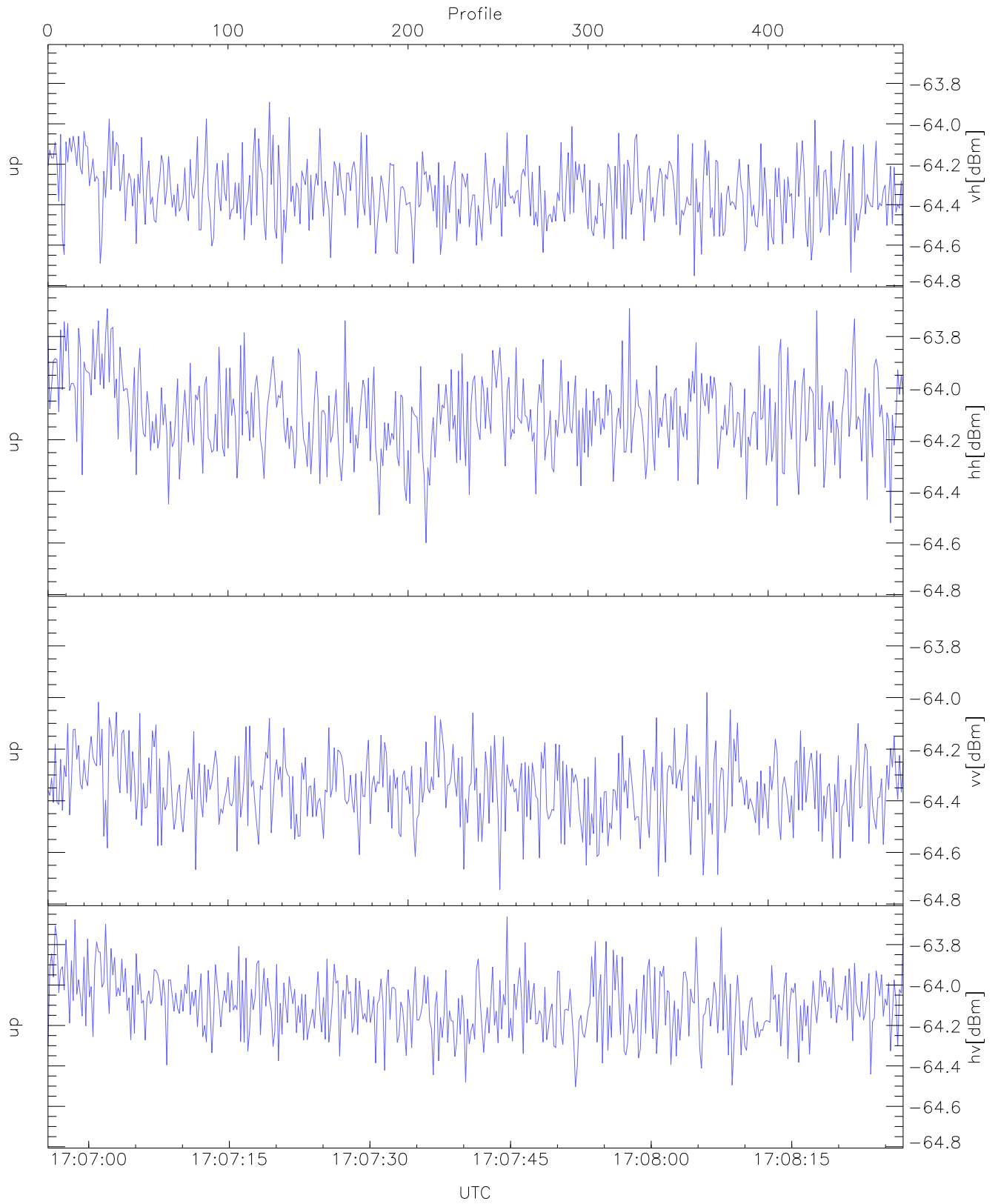
WCR3 FF2 Averaged Received power for all recorded gates
blue: 170656-170741, 239 profiles averaged
red: 170741-170827, 238 profiles averaged



WCR3 FF2 Averaged Received power for the negative gates and up to 100 gate
blue: 170656-170741, 239 profiles averaged
red: 170741-170827, 238 profiles averaged

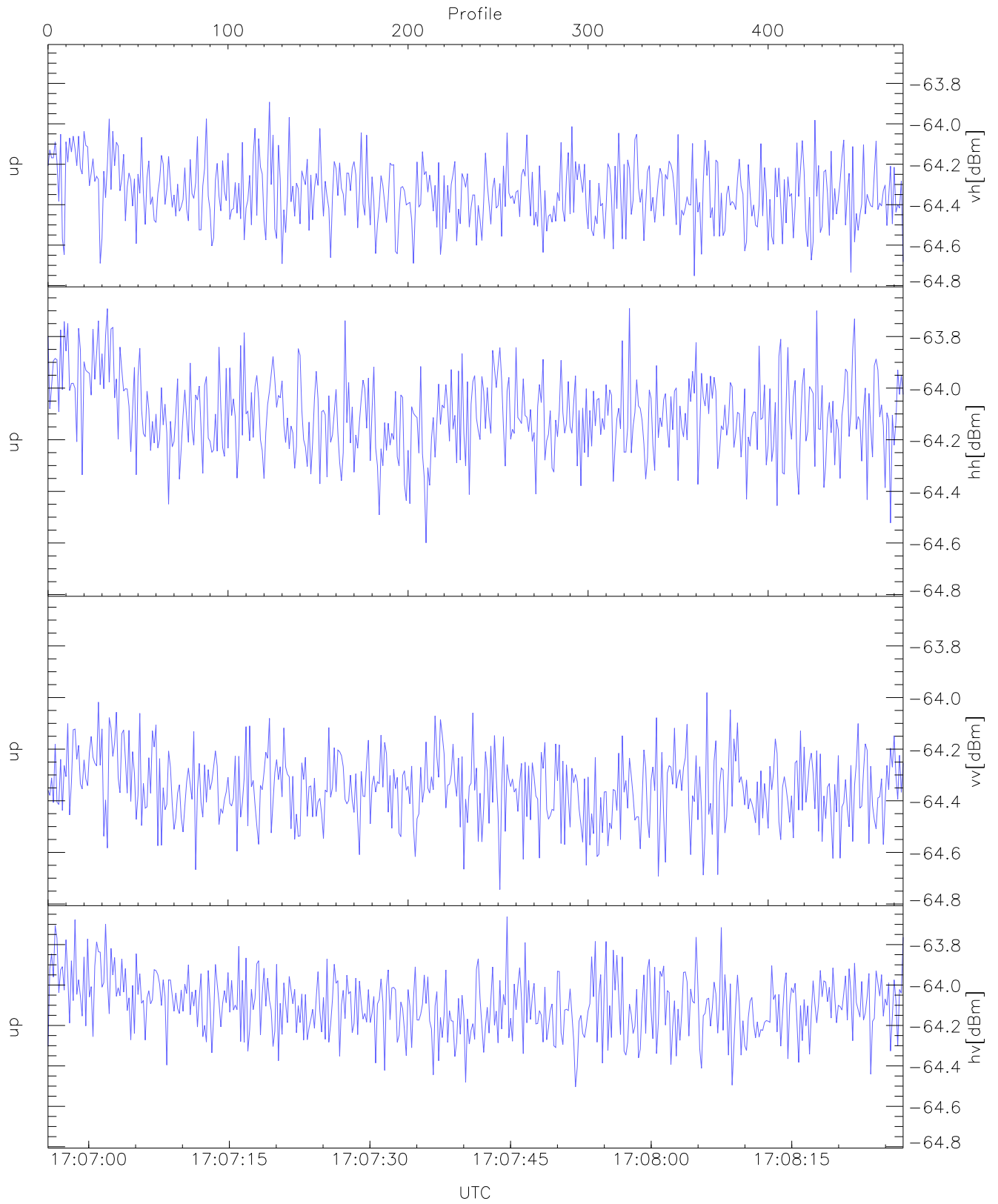


WCR3 FF2 Receivers Phase Noise (in m/s) from the Warm Loads Measurements



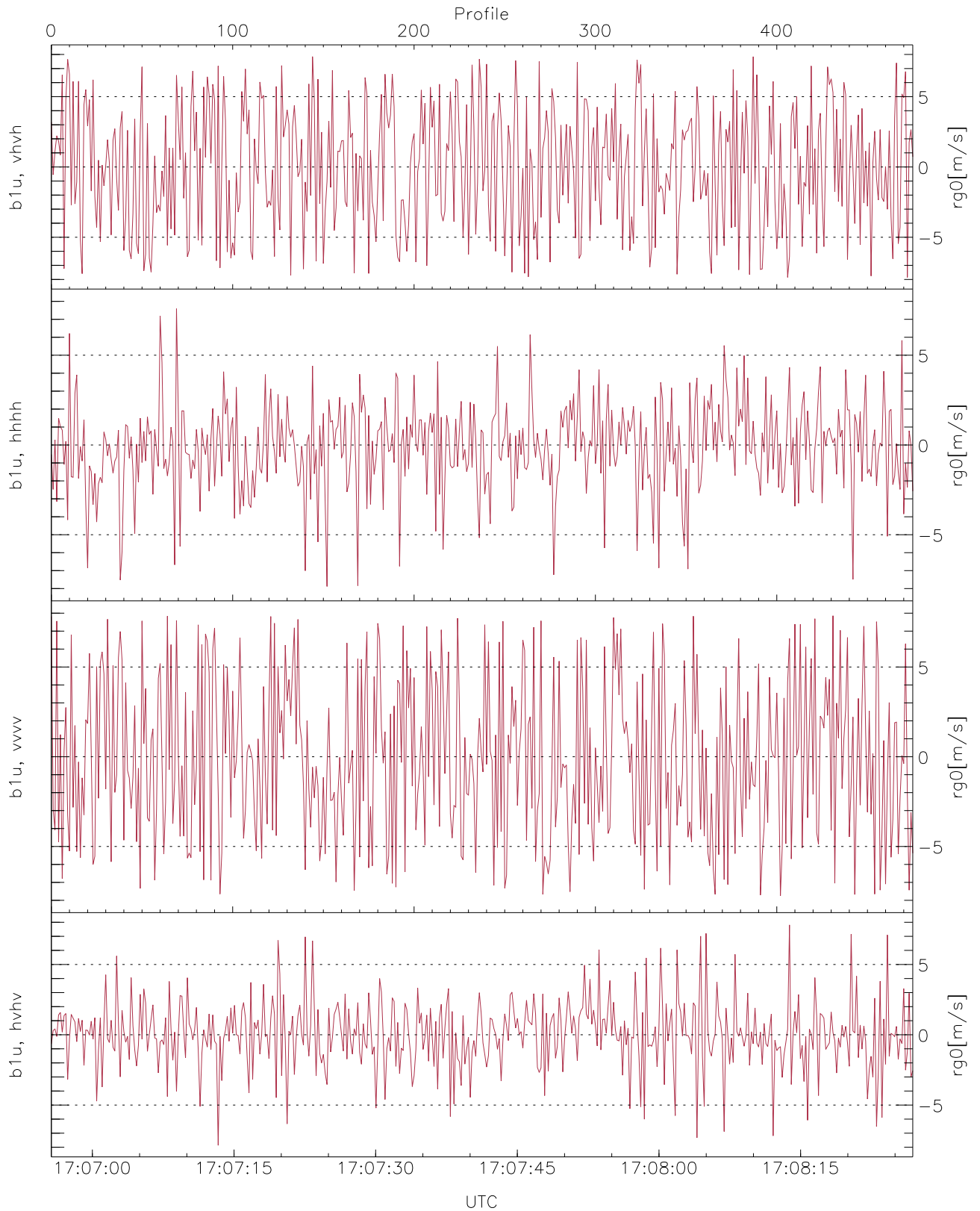
WCR3 FF2 Received Power Products for Range gate 0 (90.4 m)

	Min	Max	Mean
up(vh[dBm])	-64.75	-63.89	-64.34
up(hh[dBm])	-64.60	-63.69	-64.10
up(vv[dBm])	-64.74	-63.98	-64.35
up(hv[dBm])	-64.50	-63.66	-64.10



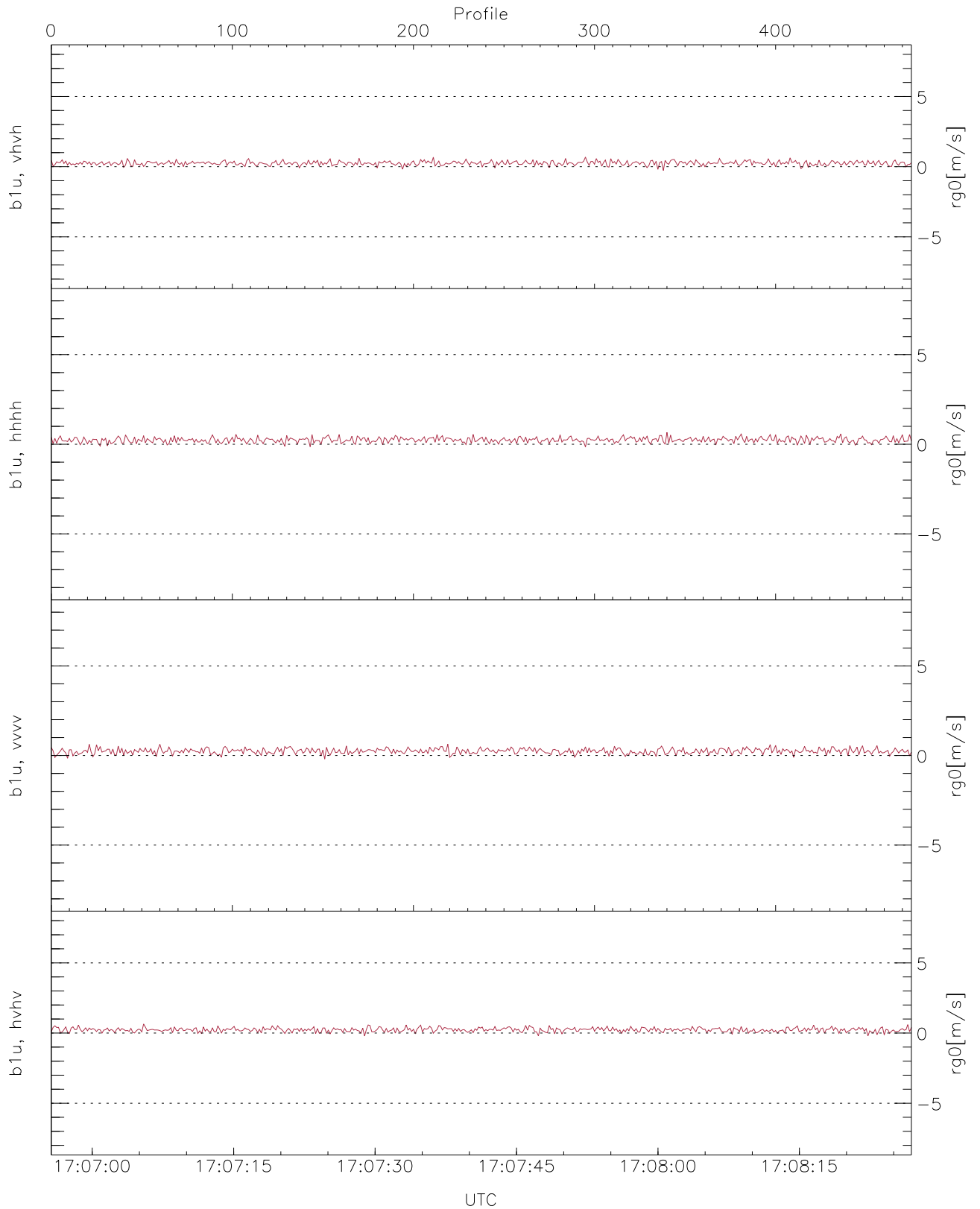
WCR3 FF2 Power Products(psdmom0) for Range gate 0 (90.4 m)

	Min	Max	Mean
up(vh[dBm])	-64.75	-63.89	-64.34
up(hh[dBm])	-64.60	-63.69	-64.10
up(vv[dBm])	-64.74	-63.98	-64.35
up(hv[dBm])	-64.50	-63.66	-64.10



WCR3 FF2 Doppler Velocity Products at 90.4 m range

	Min	Max	Mean	StDev
b1u, vvhv(rg0[m/s])	-7.85	7.85	0.03	4.28
b1u, hhhh(rg0[m/s])	-7.88	7.59	-0.15	2.45
b1u, vvvv(rg0[m/s])	-7.75	7.86	-0.07	4.35
b1u, hvhv(rg0[m/s])	-7.87	7.81	0.04	2.39



WCR3 FF2 Doppler Velocity Products (psdmom1) at 90.4 m range

	Min	Max	Mean	StDev
b1u, vvhv(rg0[m/s])	-0.27	0.68	0.25	0.14
b1u, hhhh(rg0[m/s])	-0.15	0.66	0.24	0.14
b1u, vvvv(rg0[m/s])	-0.20	0.64	0.25	0.15
b1u, hvhv(rg0[m/s])	-0.21	0.65	0.23	0.14