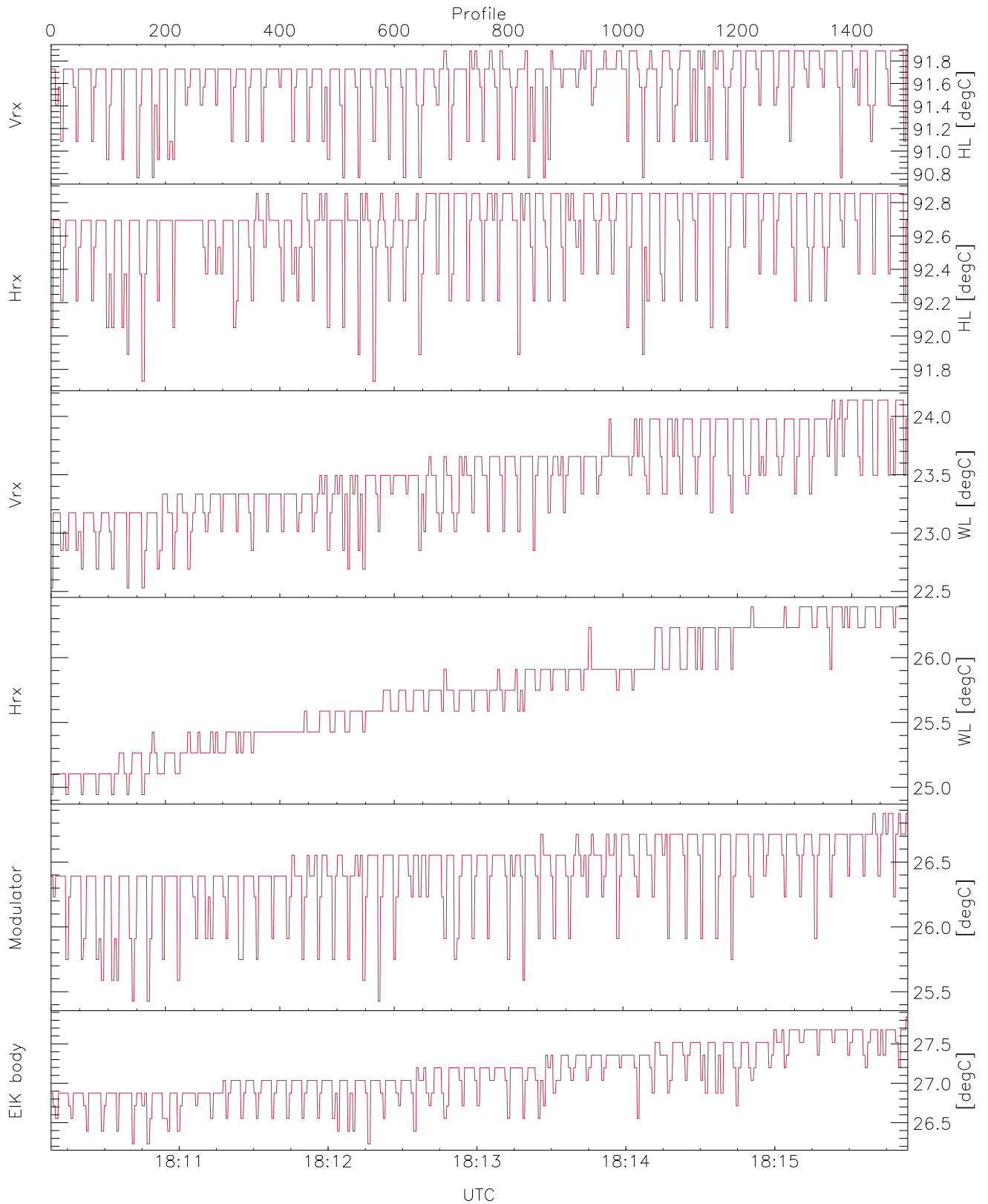


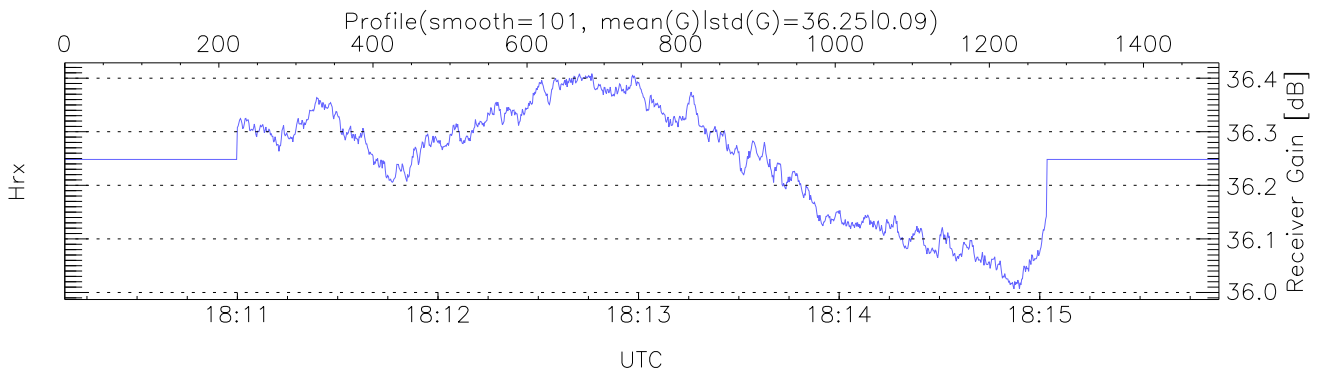
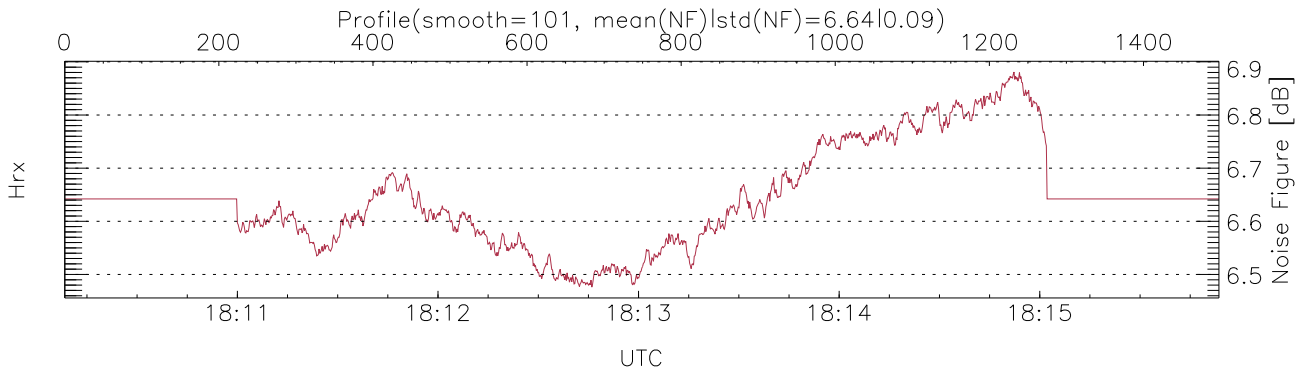
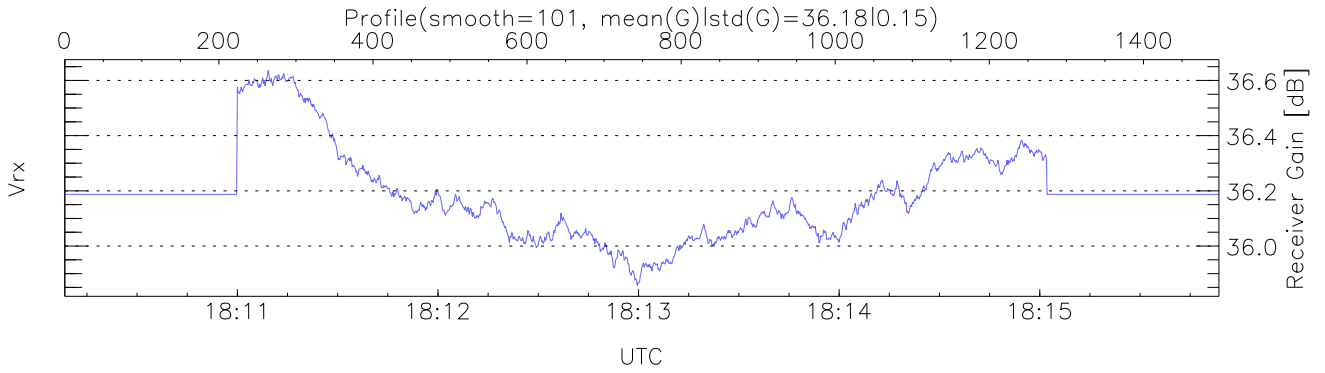
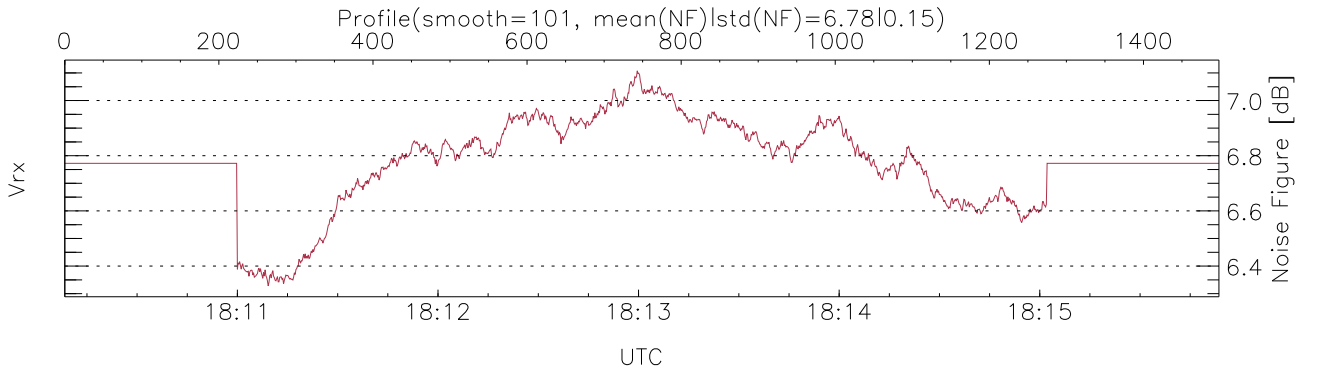
WCR3 FF3 Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:10:08-18:15:54, TimeCor: 0.00s, Dur: 345.23s
 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): 1499/1499, 0-1498/18:10:08-18:15:54
 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



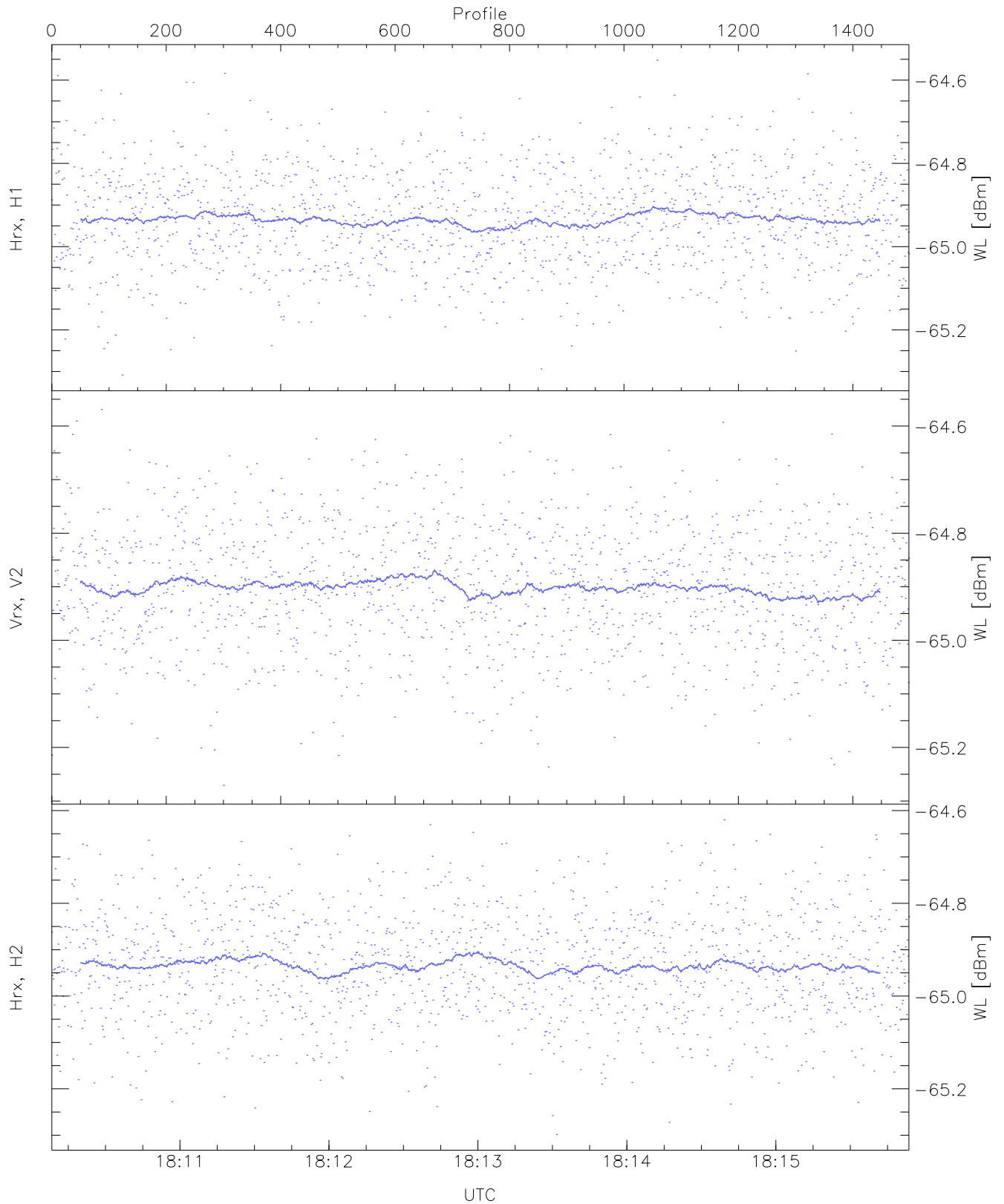
WCR3 FF3 Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,25,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,26,26,27`
`LOalarm(20,240,2817,14861 MHz): None`
`EIK/Modulator Faults: None`



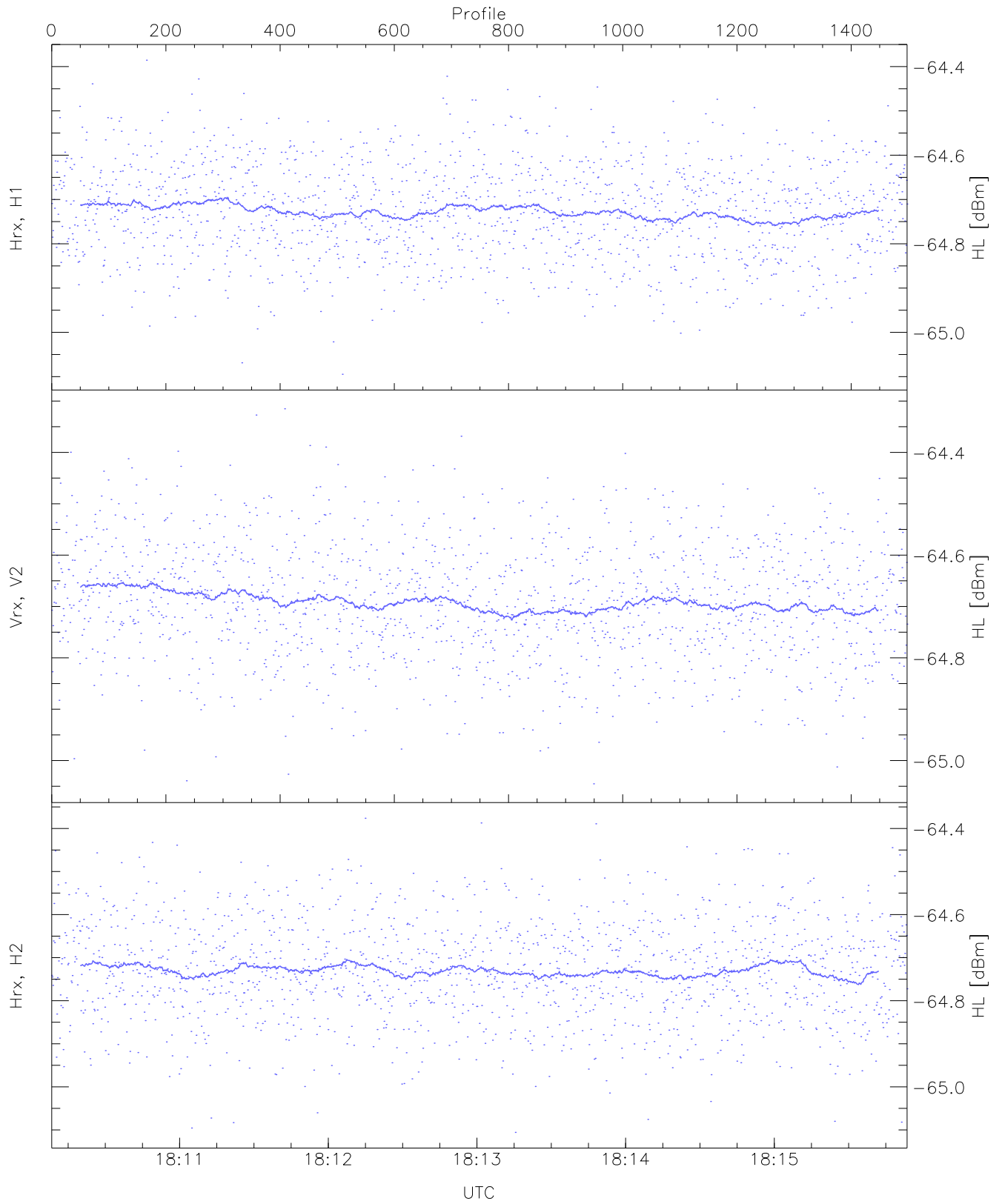
WCR3 FF3 Receivers Gain and Noise Figure

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



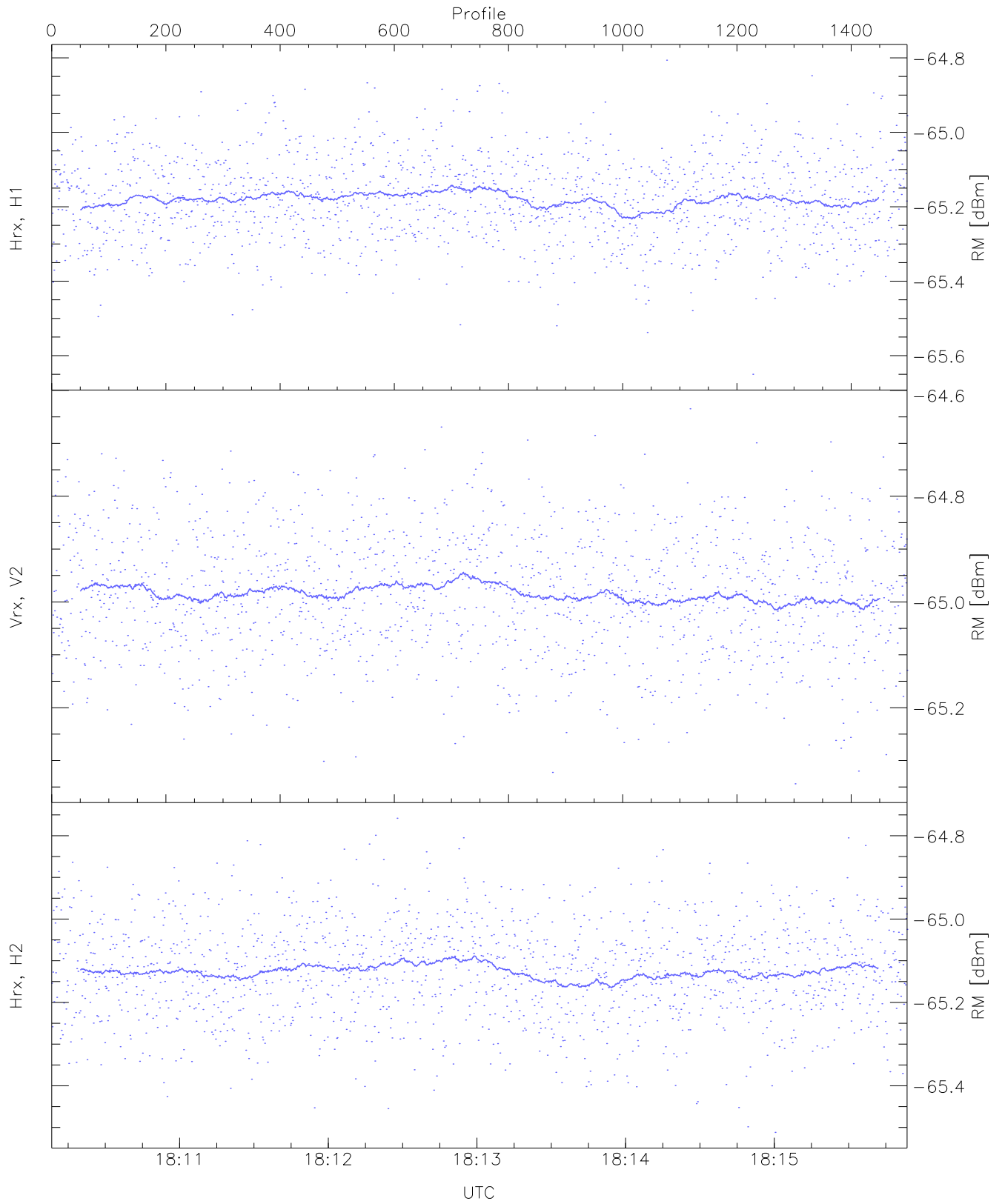
WCR3 FF3 Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.31	-64.55	-64.93	-64.94	-80.78
Vrx, V2 (WL [dBm])	-65.27	-64.57	-64.90	-64.90	-80.82
Hrx, H2 (WL [dBm])	-65.30	-64.62	-64.93	-64.93	-80.87



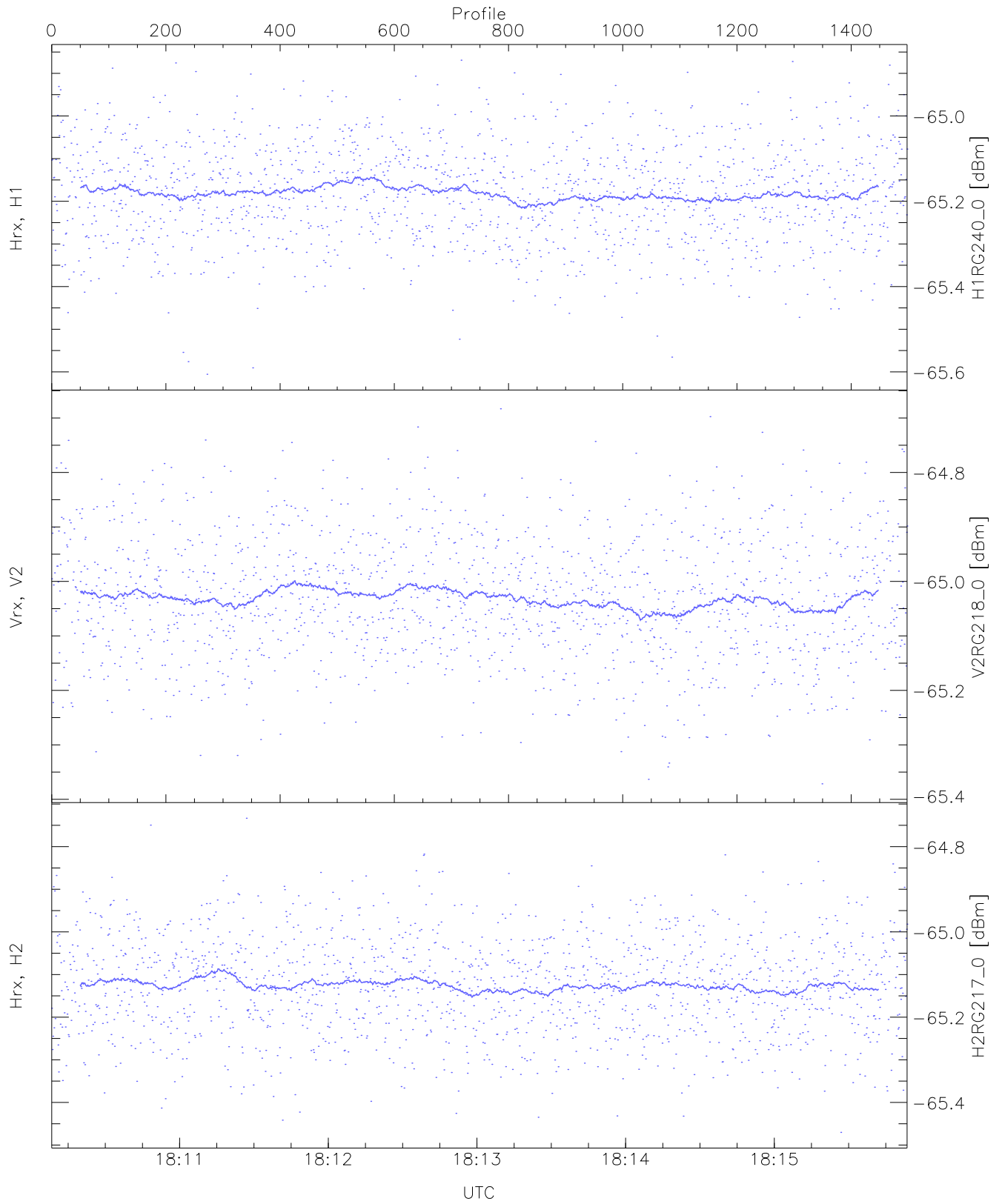
WCR3 FF3 Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.09	-64.39	-64.73	-64.73	-80.90
Vrx, V2 (HL [dBm])	-65.05	-64.32	-64.69	-64.69	-80.65
Hrx, H2 (HL [dBm])	-65.11	-64.38	-64.73	-64.73	-80.60



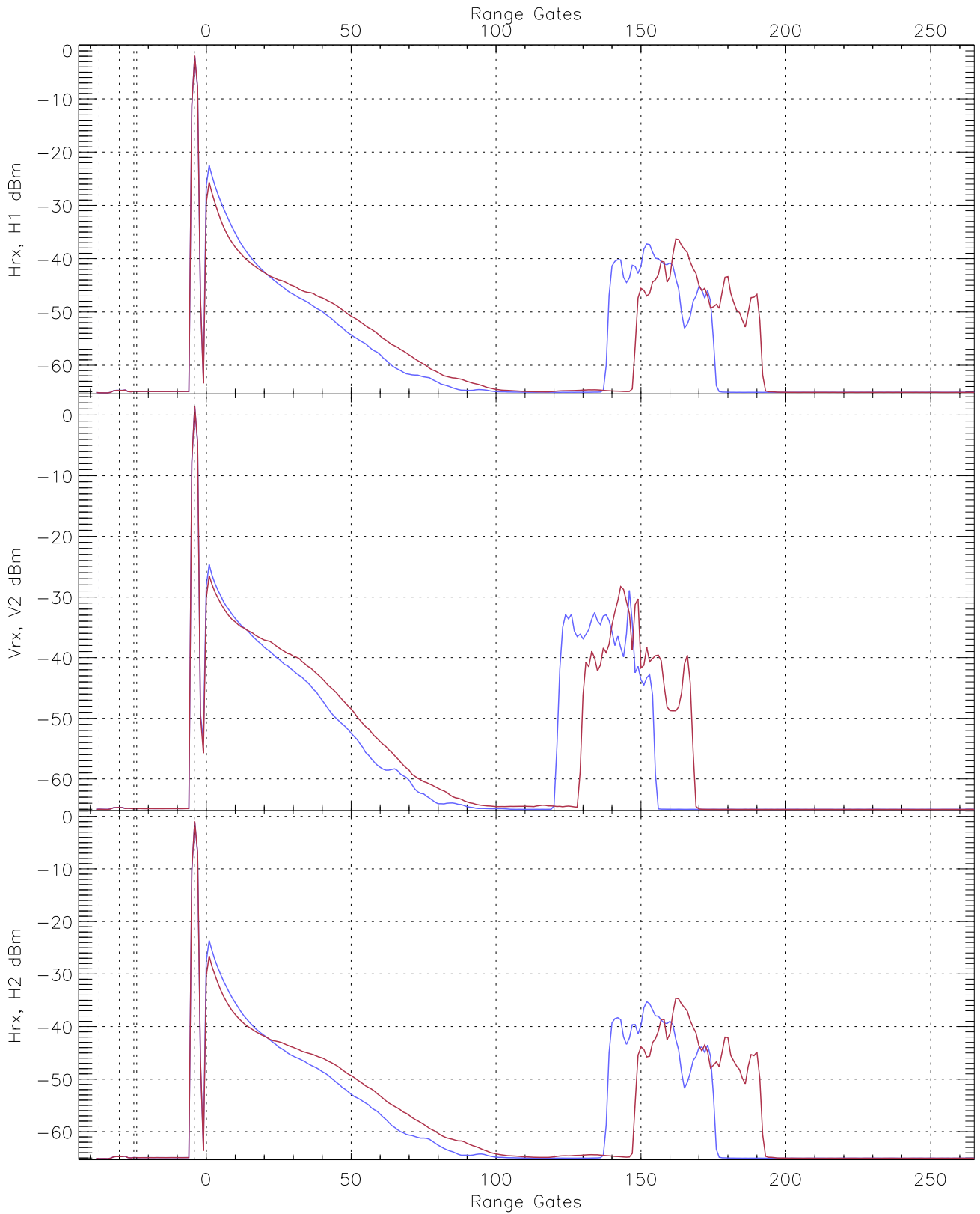
WCR3 FF3 Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.65	-64.81	-65.18	-65.18	-81.11
Vrx, V2 (RM [dBm])	-65.34	-64.63	-64.98	-64.99	-80.92
Hrx, H2 (RM [dBm])	-65.51	-64.76	-65.12	-65.13	-80.97

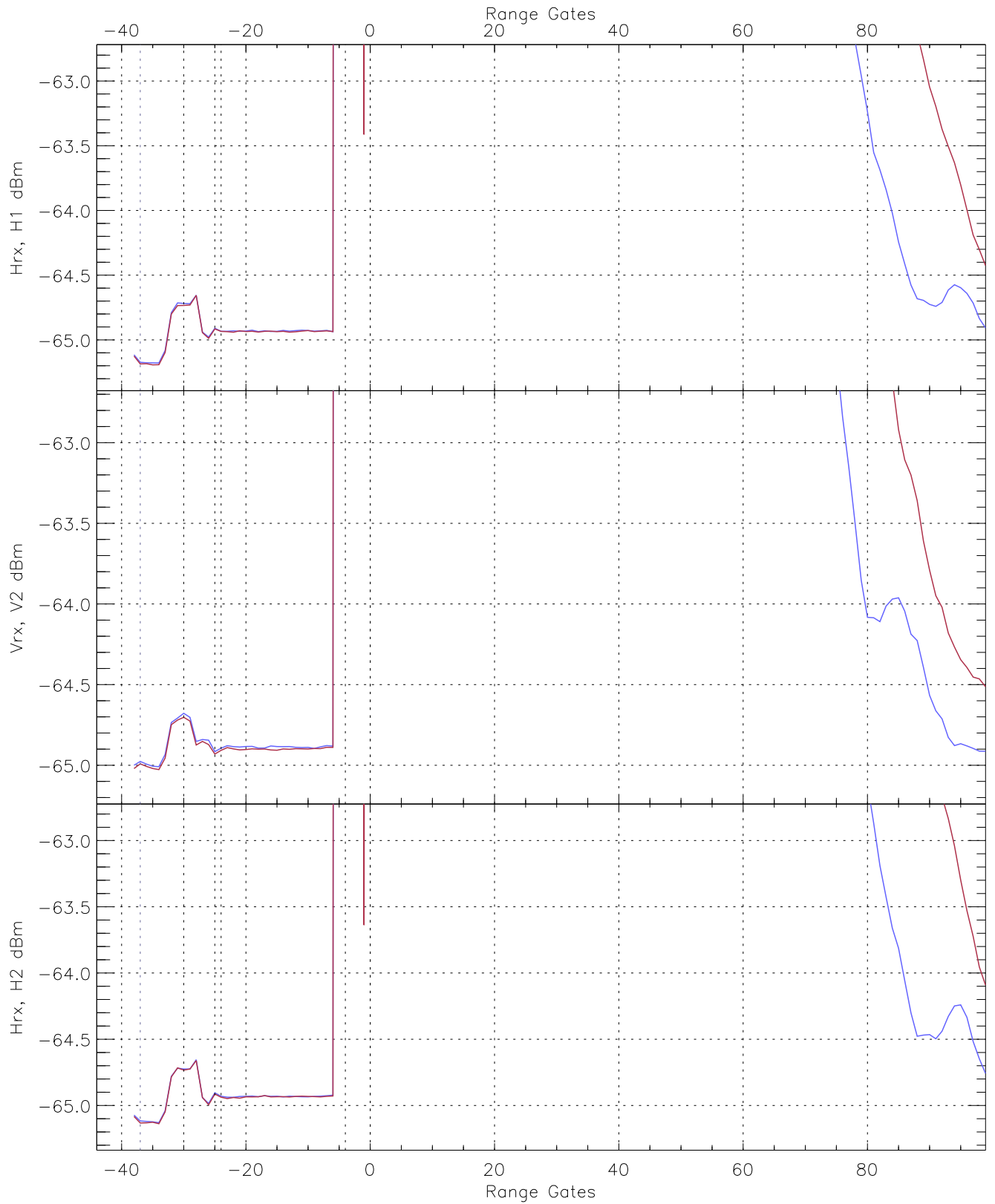


WCR3 FF3 "Best" estimate Receivers Noise Power

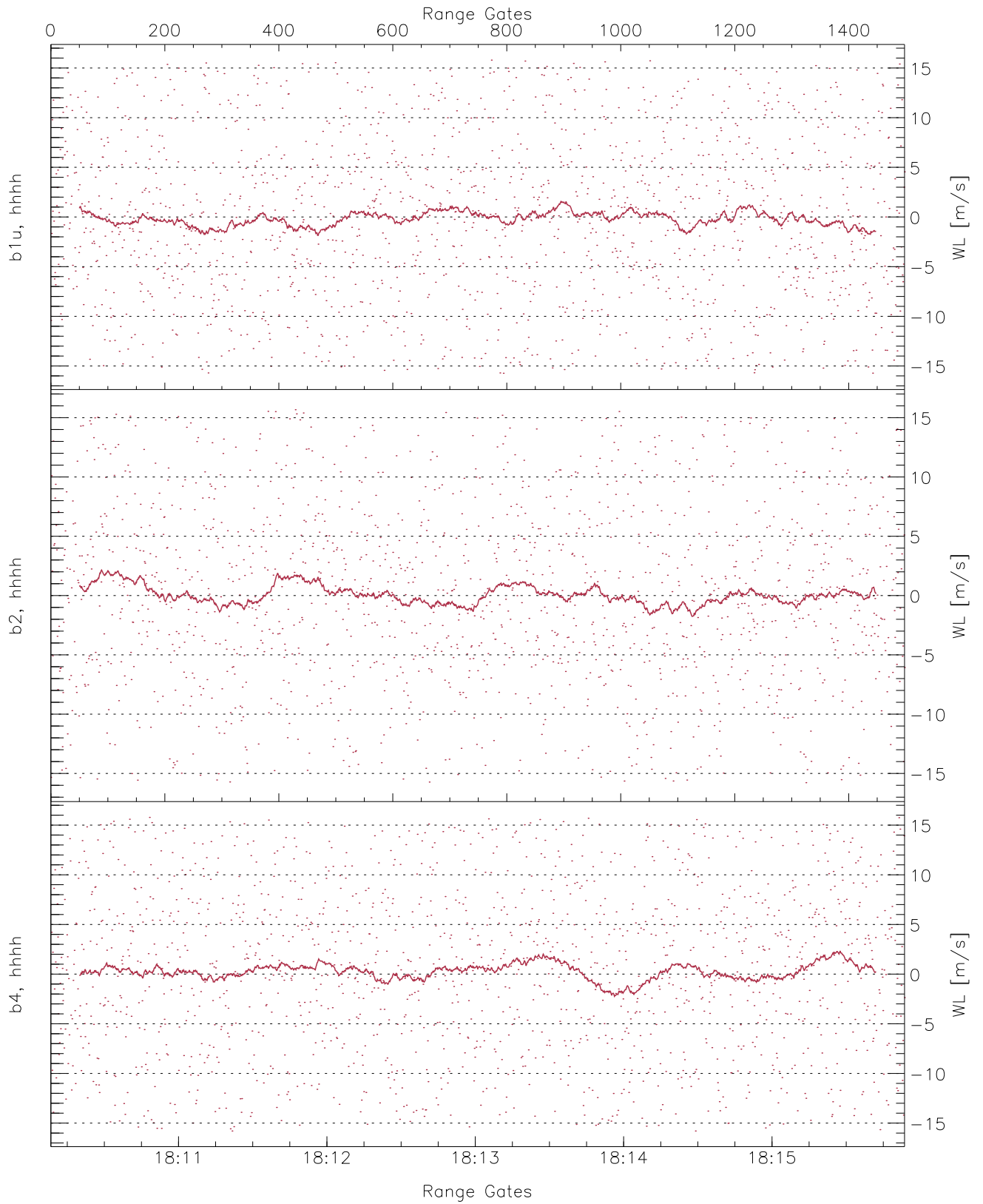
	Min	Max	Mean	Median	StDev
H1RG240_0 [dBm]	-65.61	-64.87	-65.18	-65.18	-81.07
V2RG218_0 [dBm]	-65.37	-64.68	-65.03	-65.03	-80.98
H2RG217_0 [dBm]	-65.47	-64.73	-65.12	-65.13	-81.03



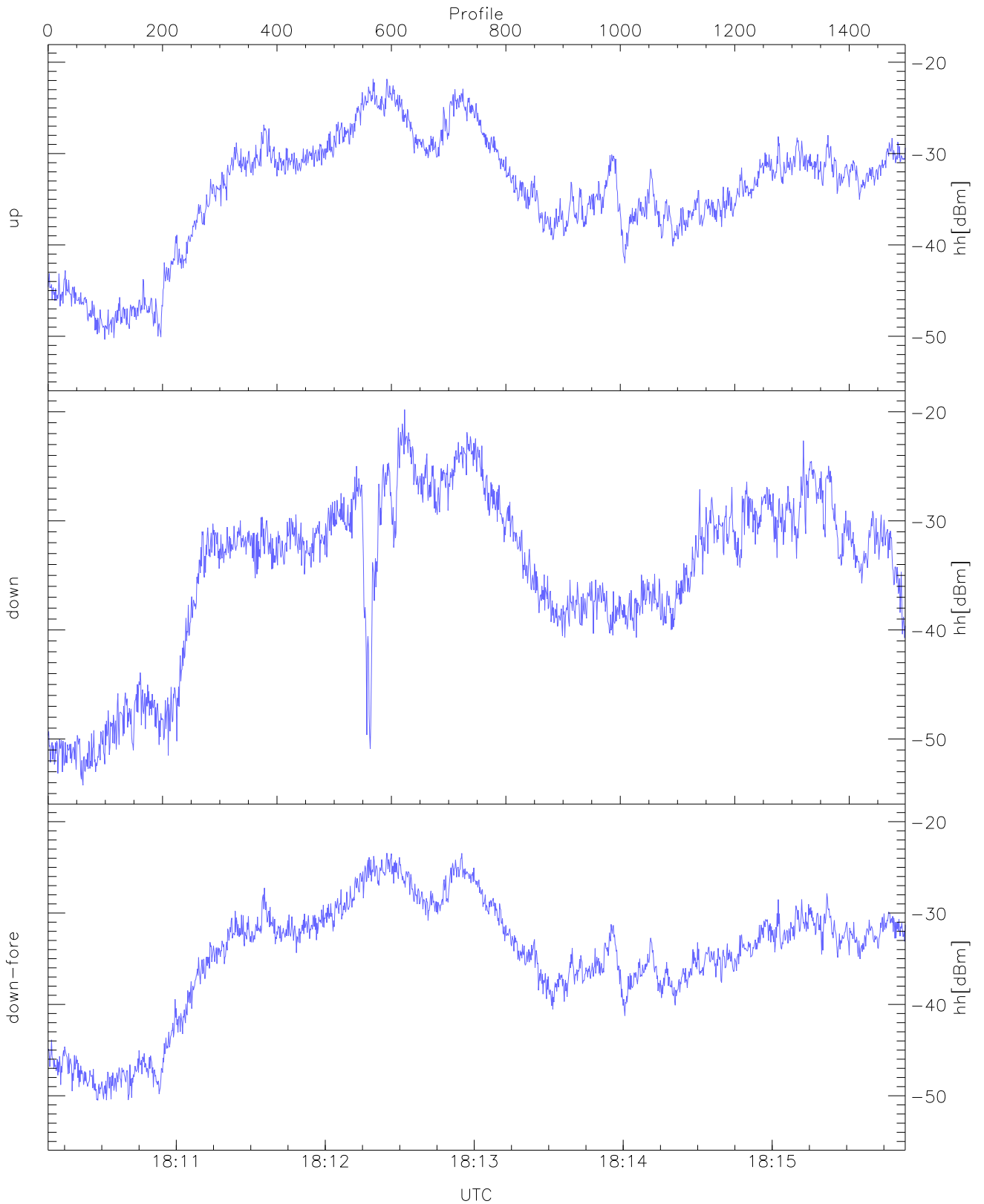
WCR3 FF3 Averaged Received power for all recorded gates
blue: 181008-181301, 750 profiles averaged
red: 181301-181554, 750 profiles averaged



WCR3 FF3 Averaged Received power for the negative gates and up to 100 gate
blue: 181008-181301, 750 profiles averaged
red: 181301-181554, 750 profiles averaged

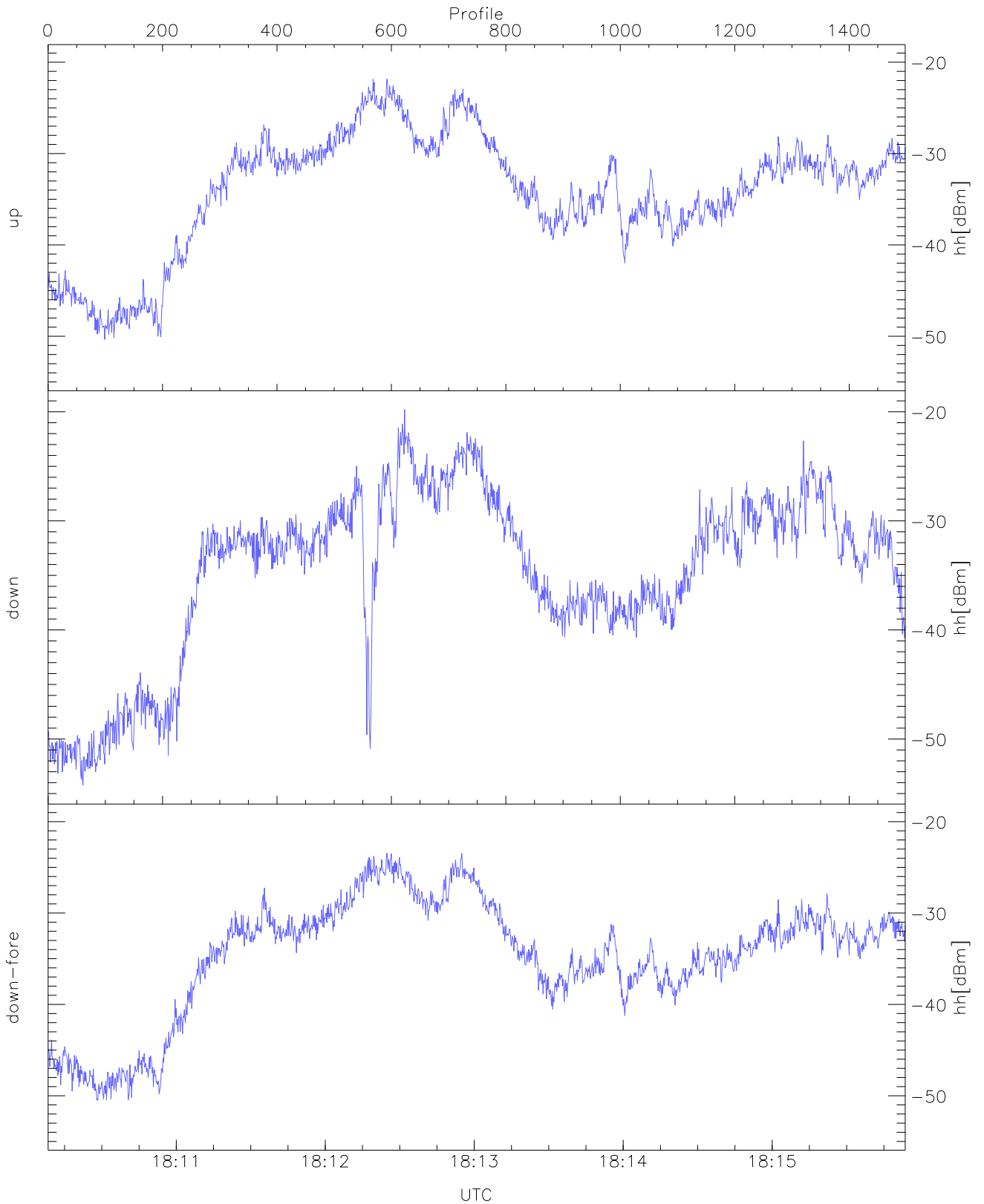


WCR3 FF3 Receivers Phase Noise (in m/s) from the Warm Loads Measurements



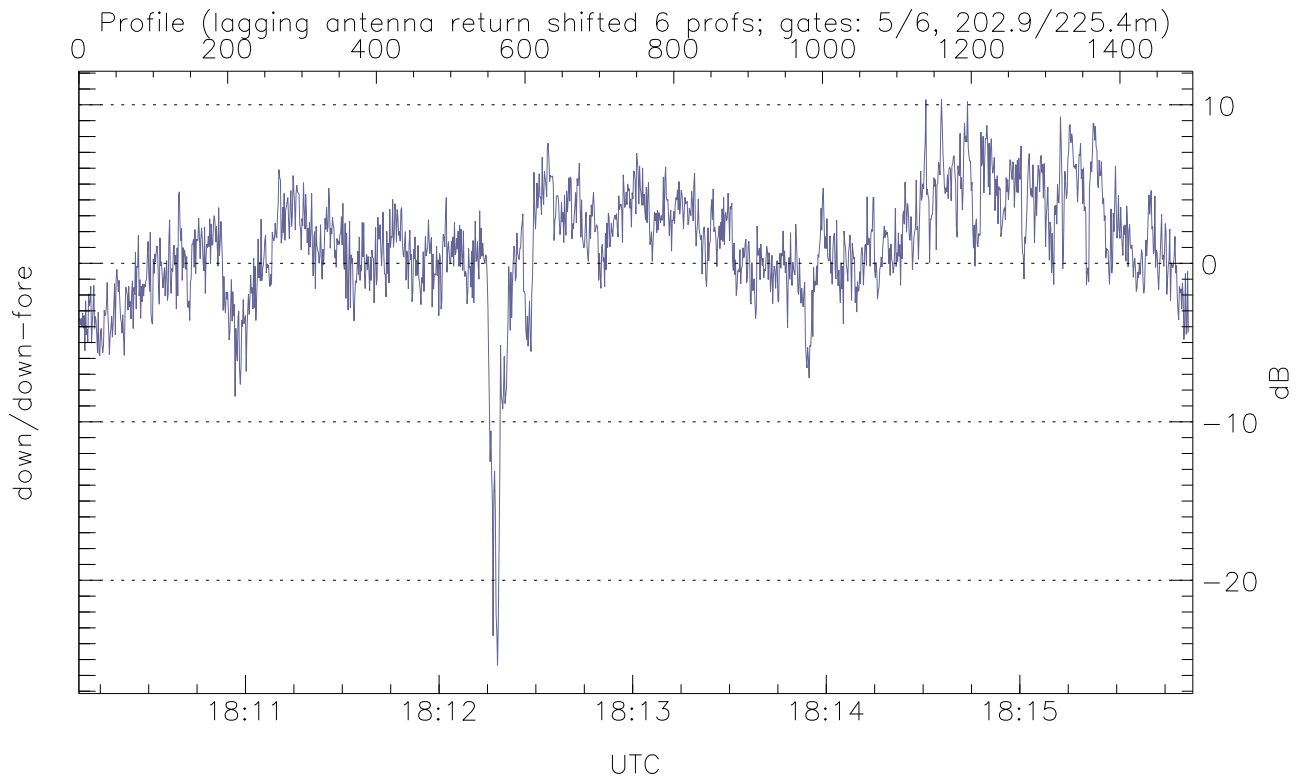
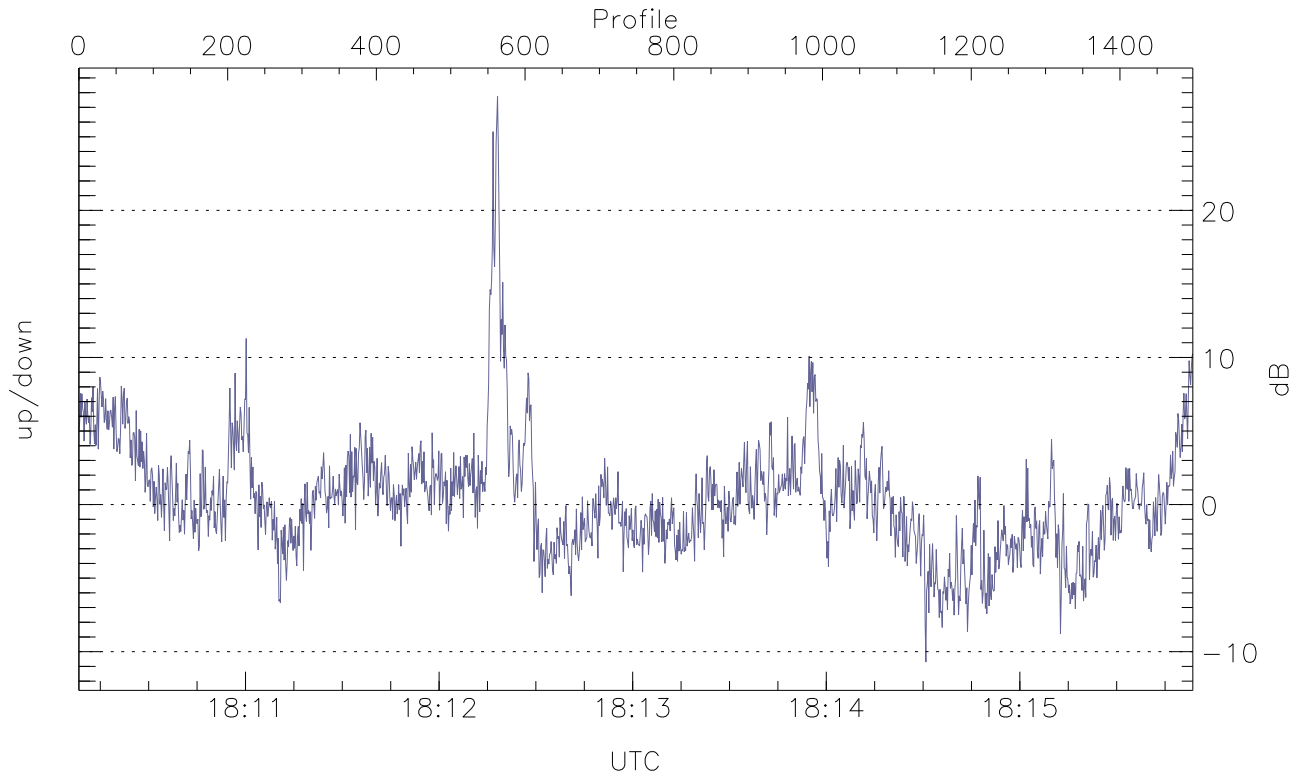
WCR3 FF3 Received Power Products for Range gate 5 (202.9 m)

	Min	Max	Mean
up(hh[dBm])	-50.35	-21.84	-30.67
down(hh[dBm])	-54.24	-19.79	-30.40
down-fore(hh[dBm])	-50.50	-23.44	-31.38



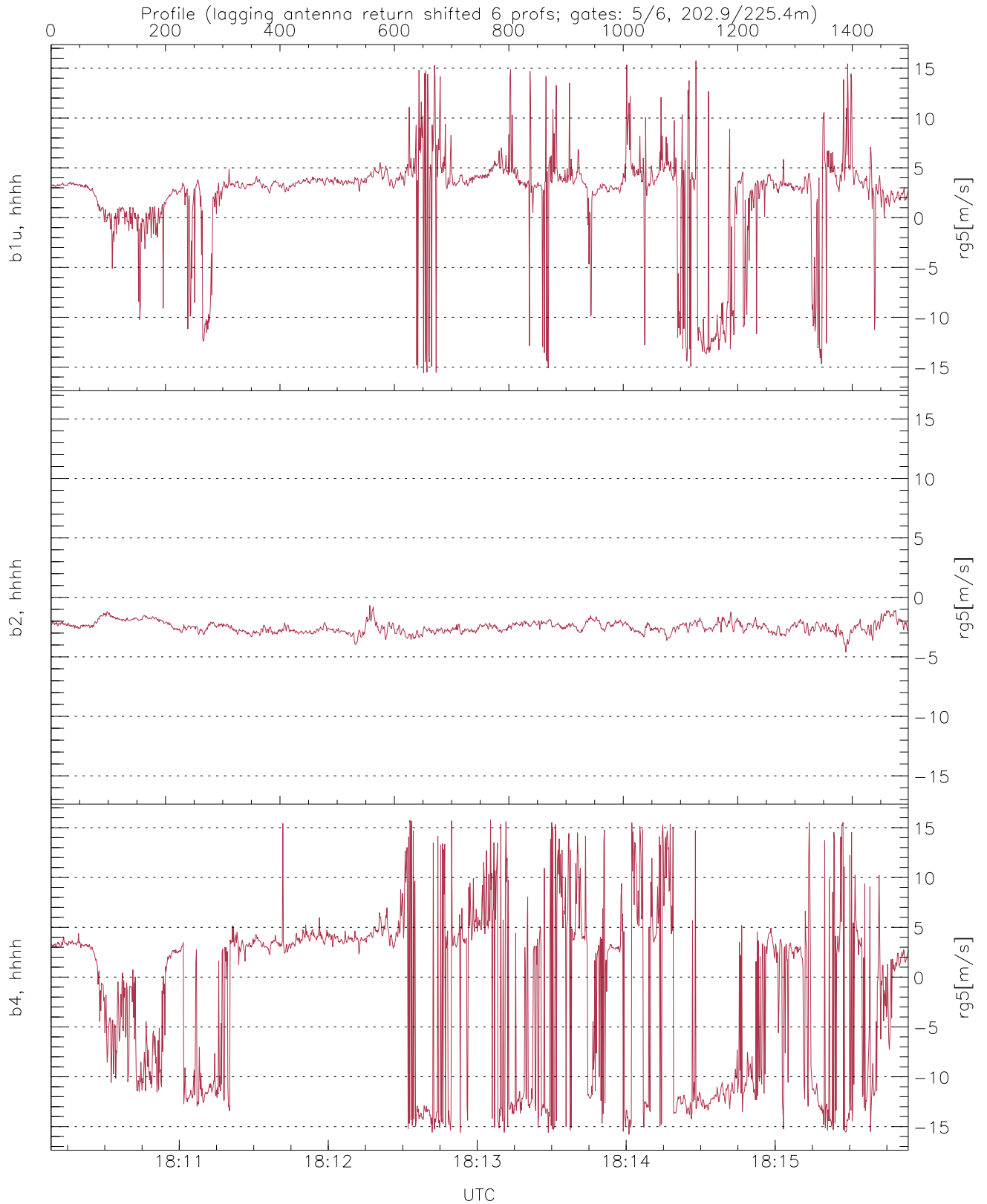
WCR3 FF3 Power Products(psdmom0) for Range gate 5 (202.9 m)

	Min	Max	Mean
up(hh [dBm])	-50.35	-21.84	-30.67
down(hh [dBm])	-54.24	-19.79	-30.40
down-fore(hh [dBm])	-50.50	-23.44	-31.38



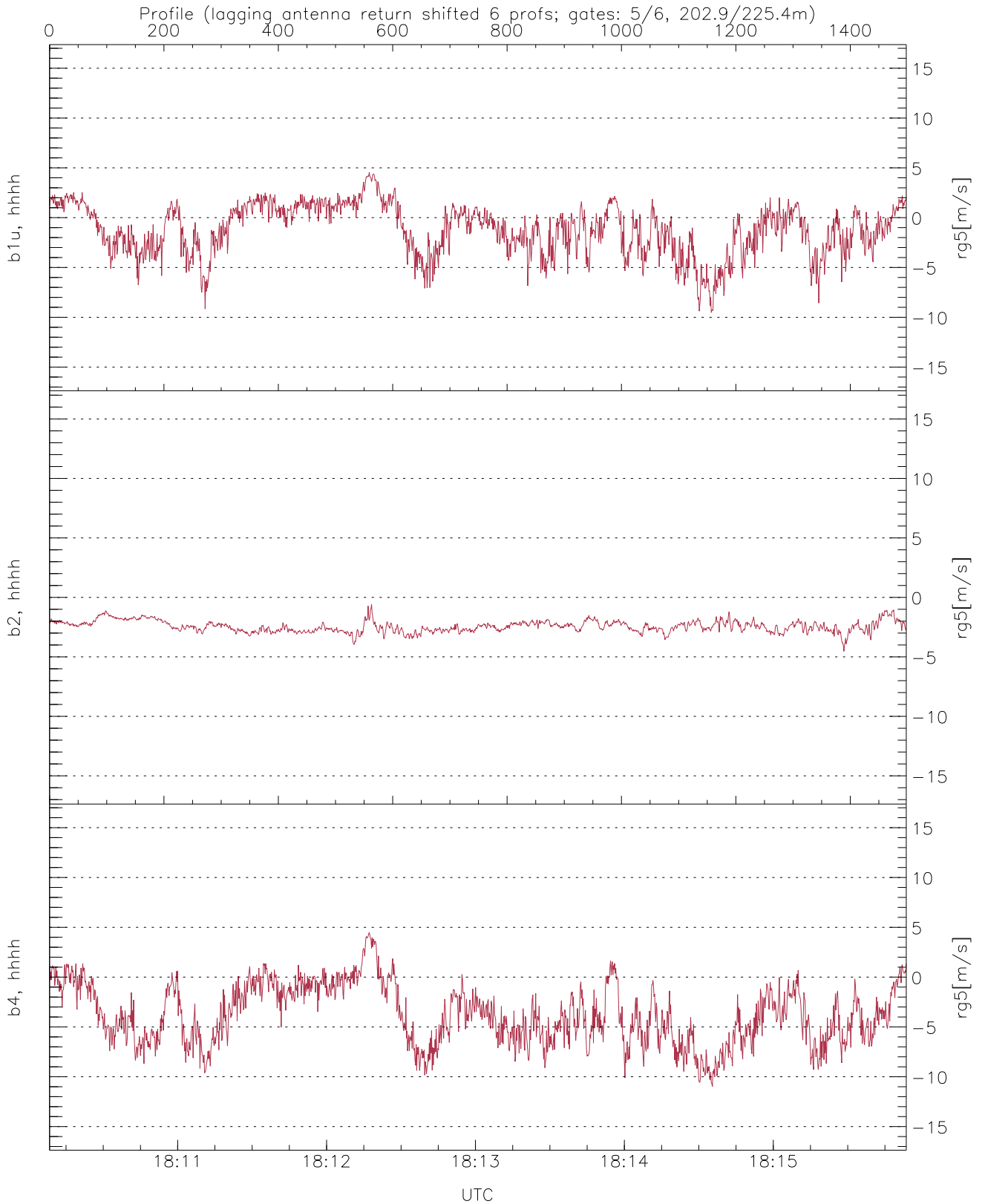
WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (202 m)

	Min	Max	Mean
up/down (dB)	-10.71	27.75	0.48
down/down-fore (dB)	-25.36	10.33	1.09



WCR3 FF3 Doppler Velocity Products at 202.9 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.59	15.76	2.14	5.05
b2, hhhh(rg5[m/s])	-4.61	-0.67	-2.49	0.47
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.77	8.59



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

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-9.52	4.54	-1.22	2.56
b2, hhhh(rg5[m/s])	-4.54	-0.60	-2.44	0.48
b4, hhhh(rg5[m/s])	-10.97	4.48	-3.78	3.01