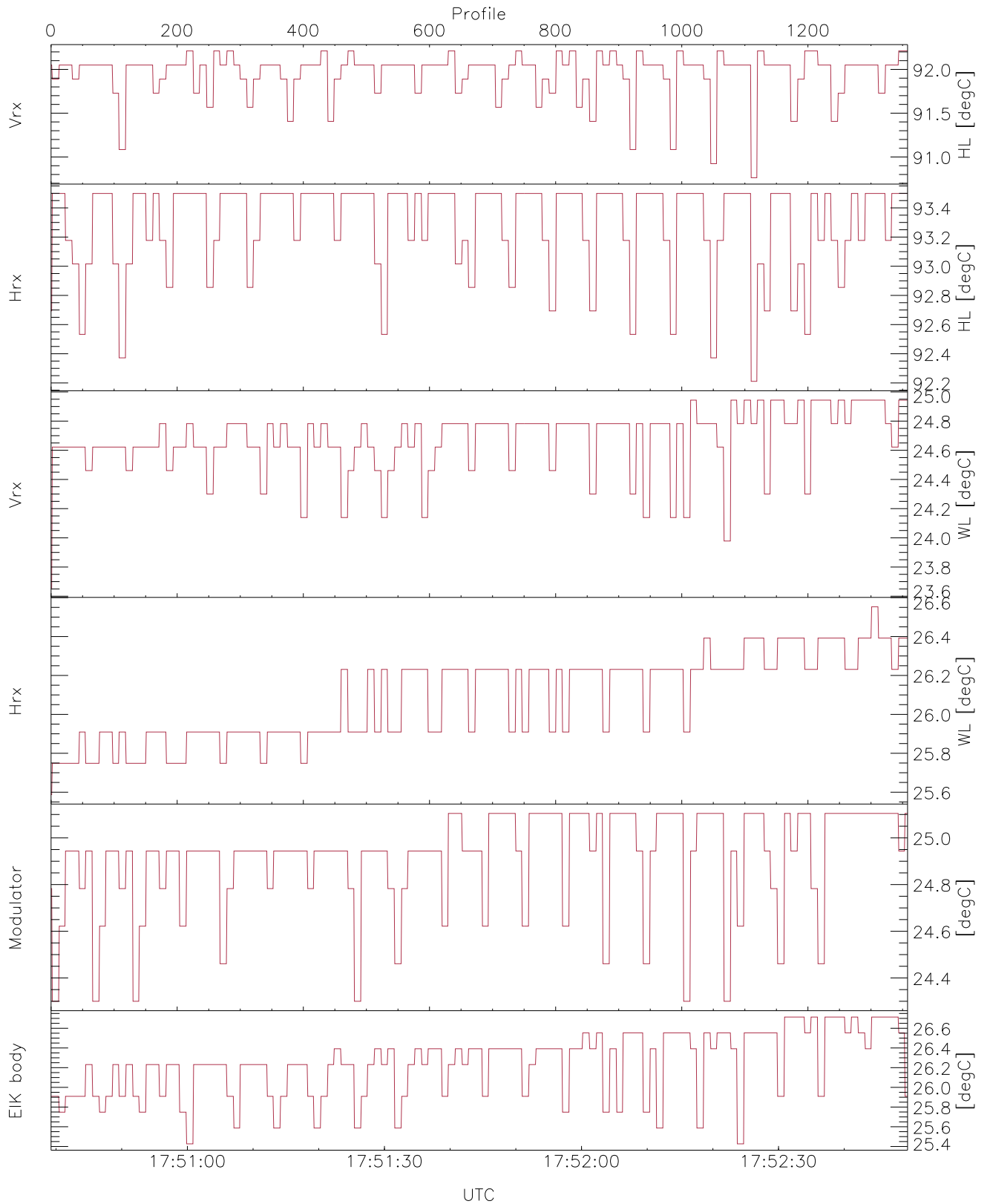


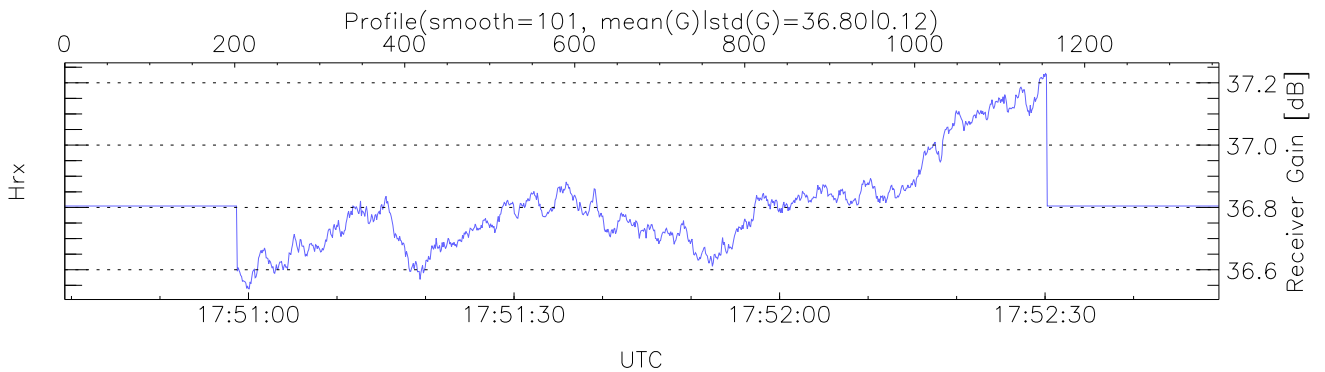
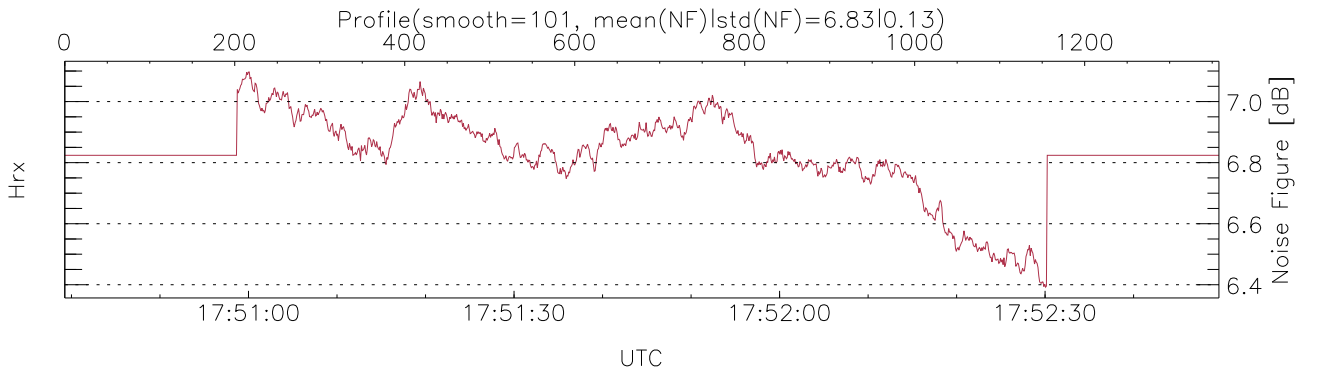
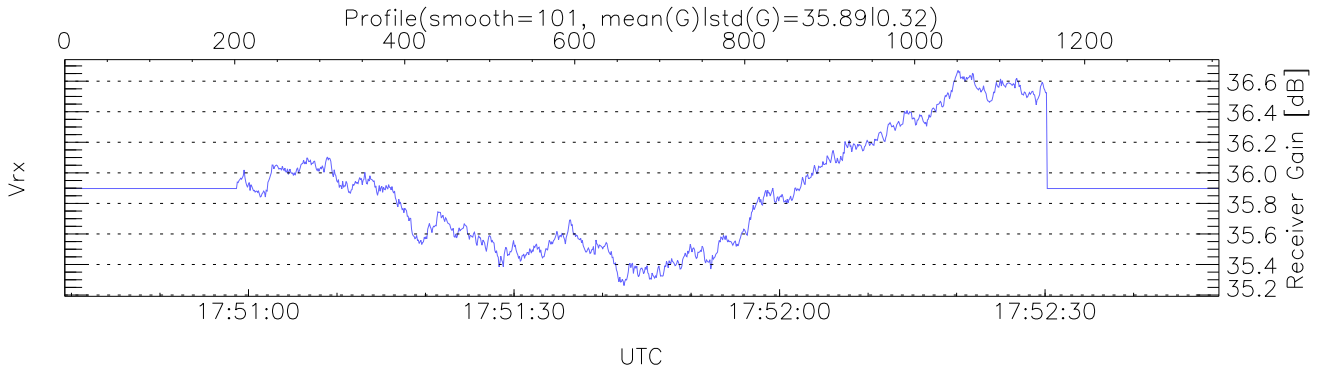
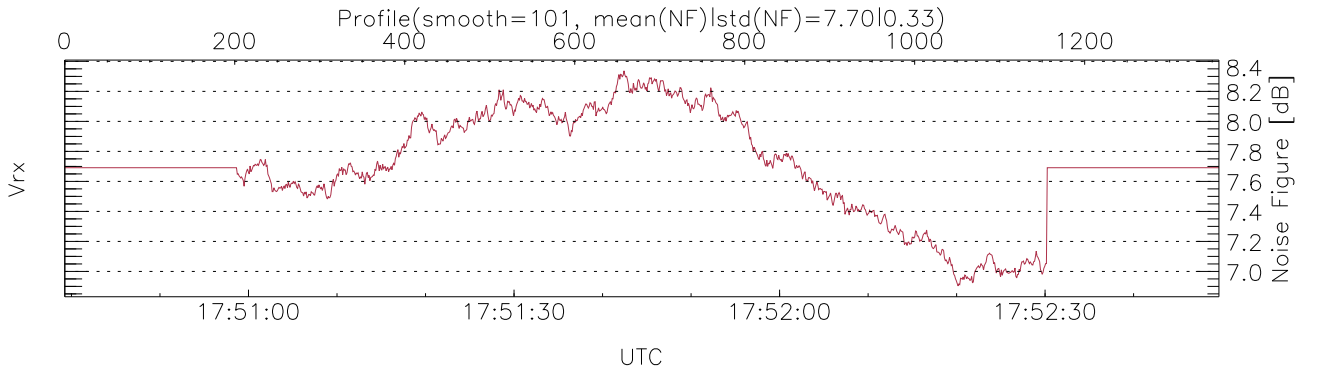
WCR3 FF3 Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:50:39-17:52:50, TimeCor: 0.00s, Dur: 130.40s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 96.0,96.0,96.0,0.0 ms / 10.4,10.4,10.4  
 NumRec(r/t): 1359/1359, 0-1358/17:50:39-17:52:50  
 AcqTime: 96.0ms, Rate: 3.835MB/s, Averages (req.,actual): 10,10  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 V2 H2  
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us  
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 1.7  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1  
 FFTlen: 64, FFTwin: rectangular, # averagedFFT: 10, cr-polFFT: NO  
 FFTres: 0.493,0.493,0.493 m/s, PulsePairCalc: YES



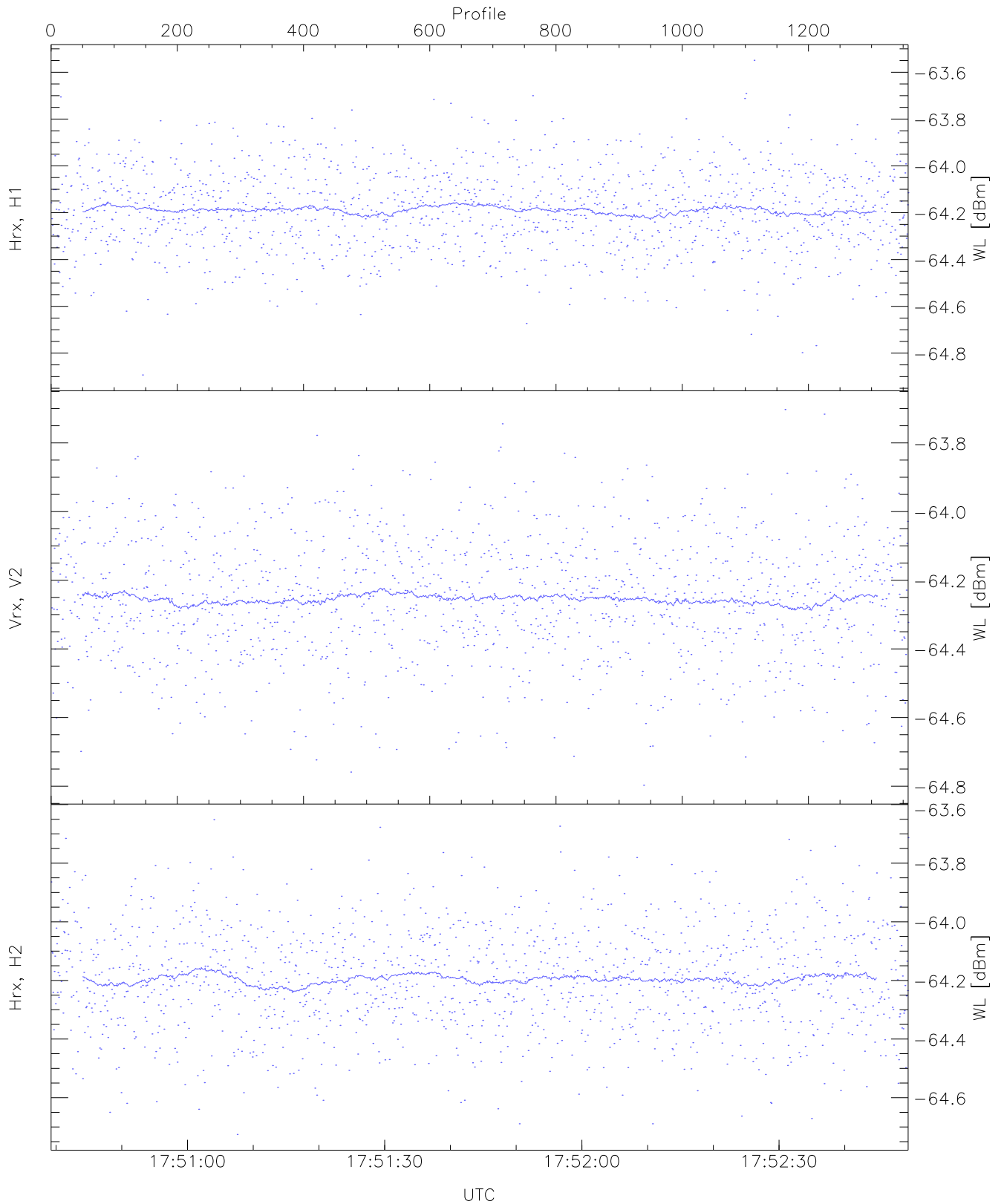
WCR3 FF3 Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



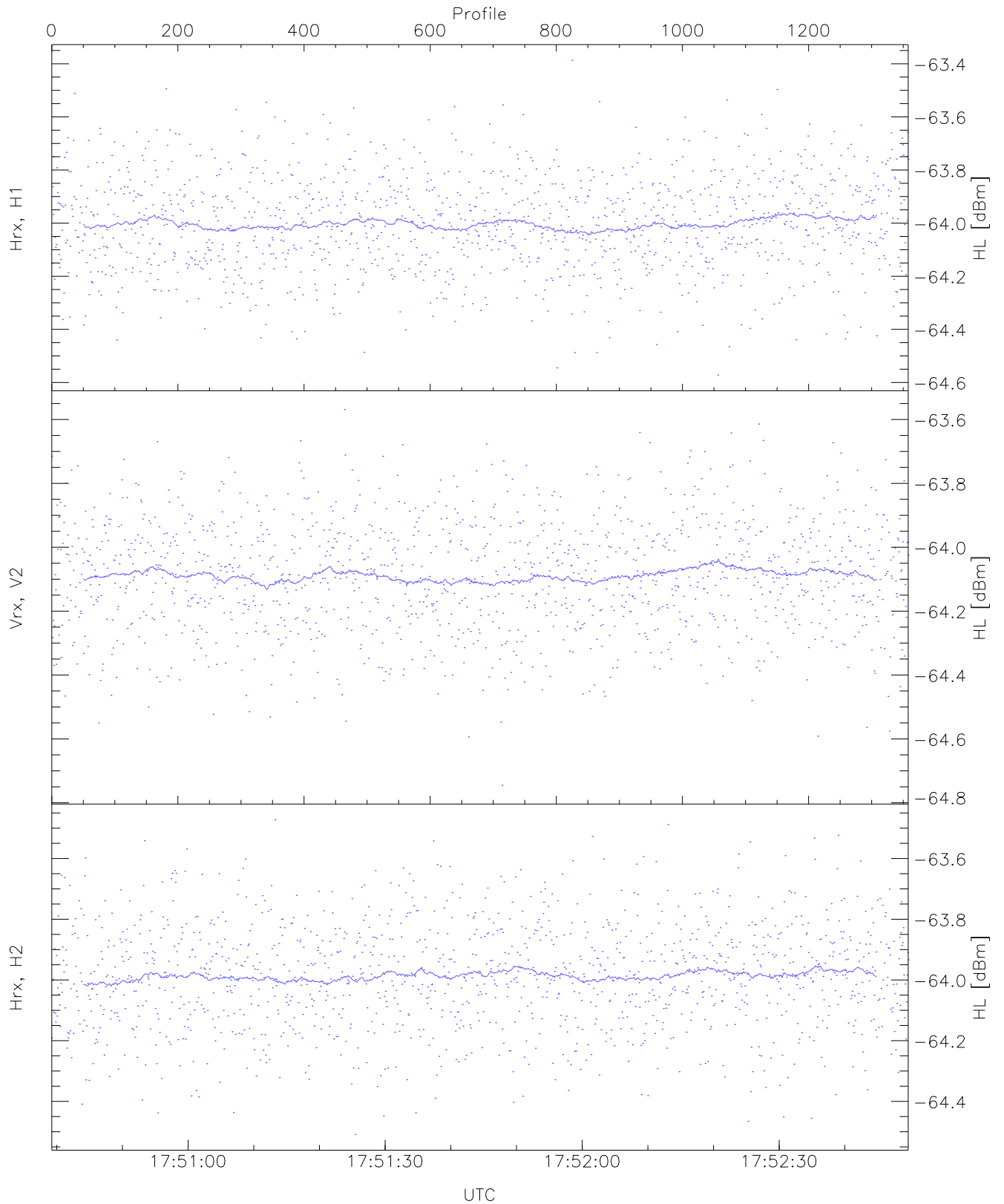
### WCR3 FF3 Receivers Gain and Noise Figure

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



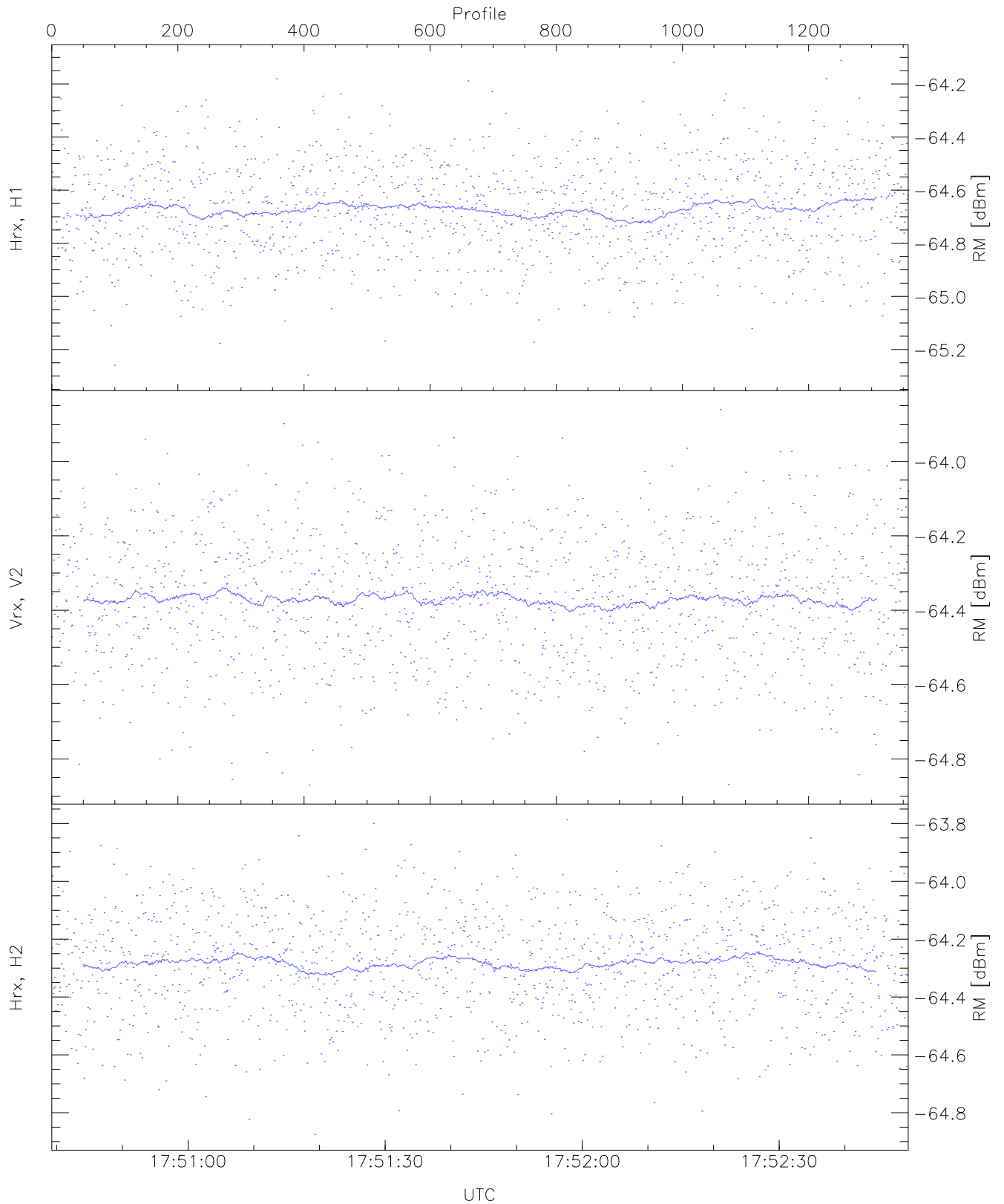
WCR3 FF3 Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.89	-63.55	-64.19	-64.19	-78.28
Vrx, V2 (WL [dBm])	-64.80	-63.70	-64.25	-64.25	-78.31
Hrx, H2 (WL [dBm])	-64.73	-63.65	-64.19	-64.19	-78.23



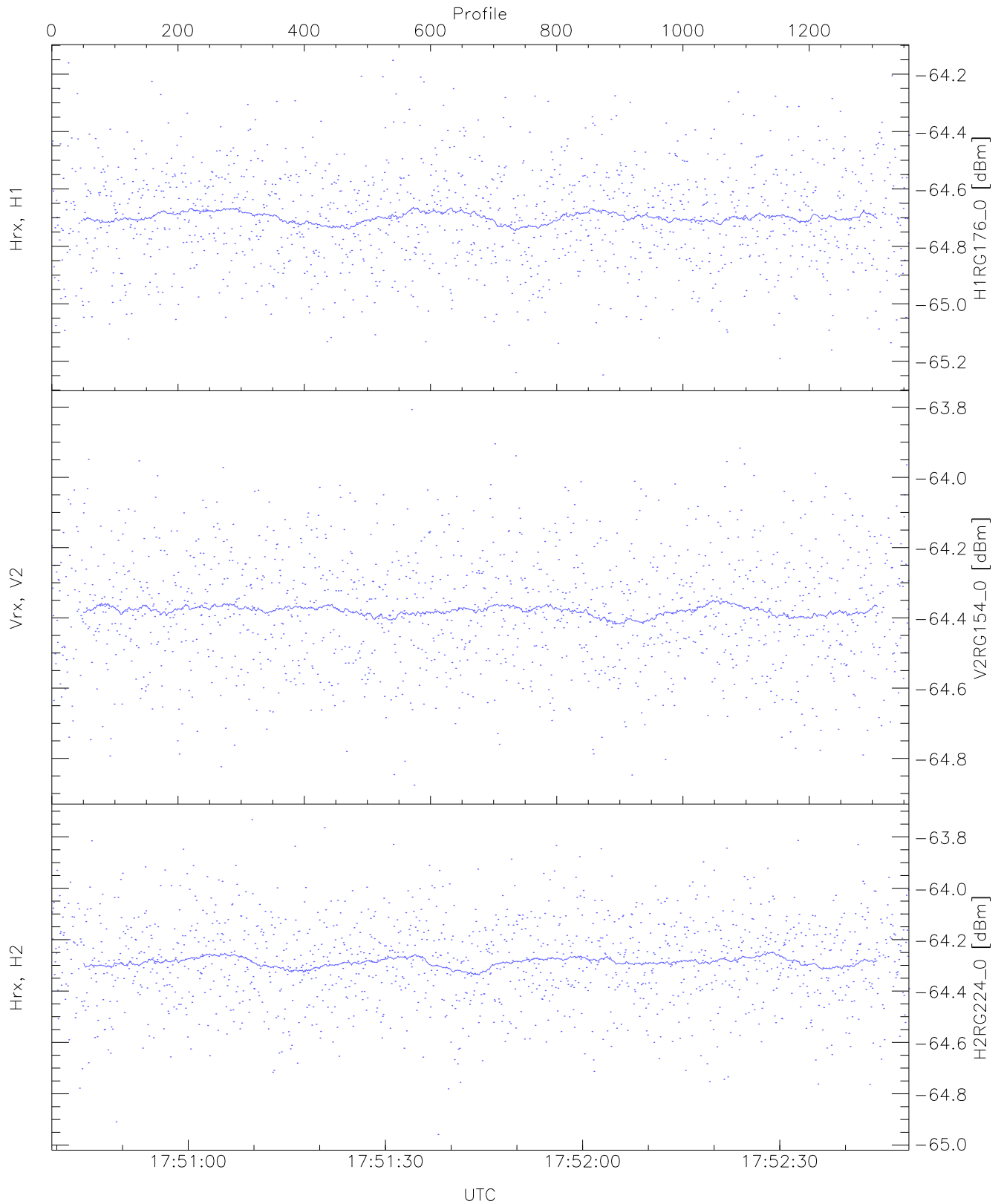
WCR3 FF3 Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.57	-63.39	-64.00	-64.01	-77.95
Vrx, V2 (HL [dBm])	-64.75	-63.57	-64.09	-64.09	-78.12
Hrx, H2 (HL [dBm])	-64.51	-63.47	-63.98	-63.99	-78.05



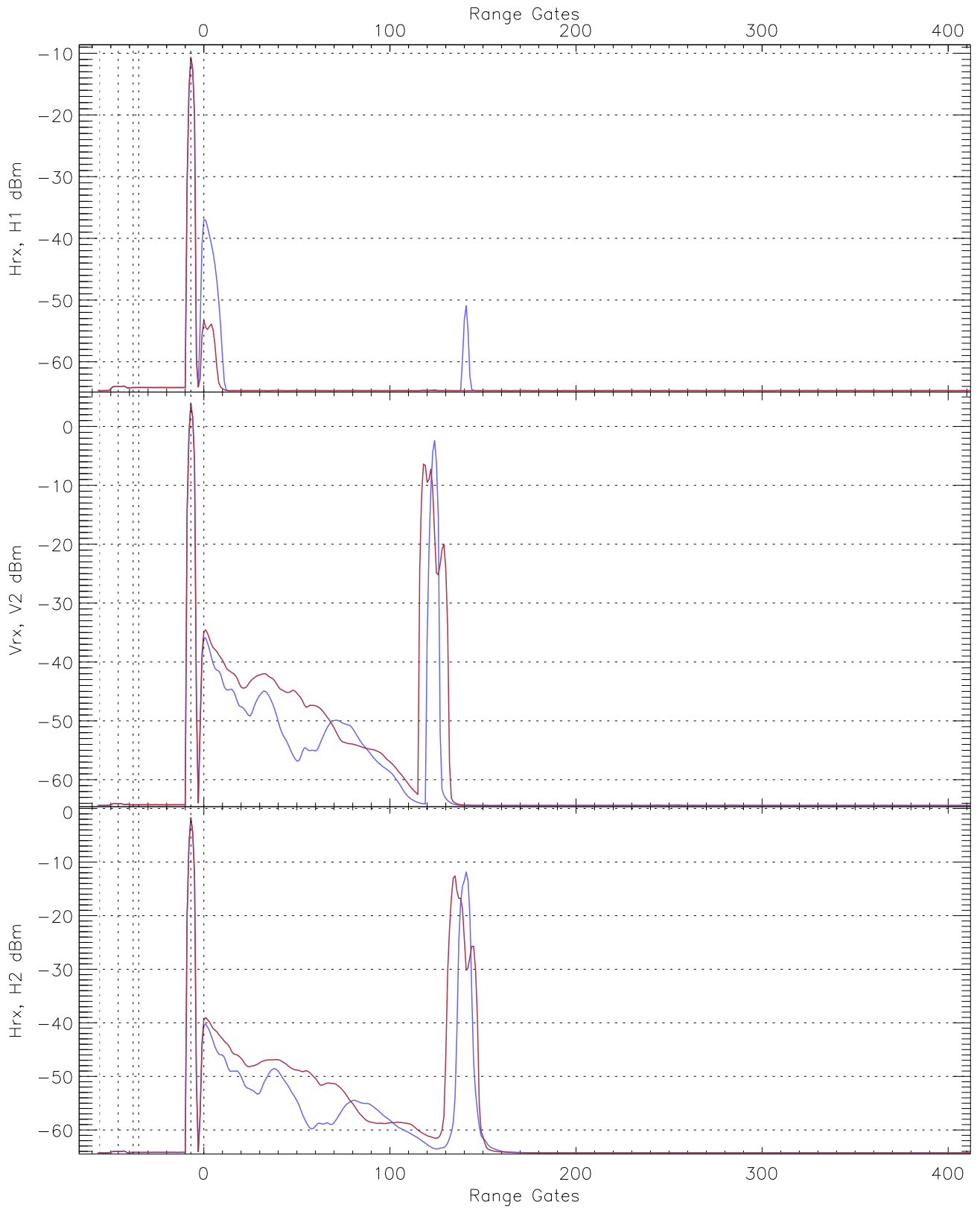
WCR3 FF3 Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.30	-64.11	-64.67	-64.67	-78.67
Vrx, V2 (RM [dBm])	-64.87	-63.86	-64.37	-64.37	-78.48
Hrx, H2 (RM [dBm])	-64.88	-63.79	-64.28	-64.28	-78.34



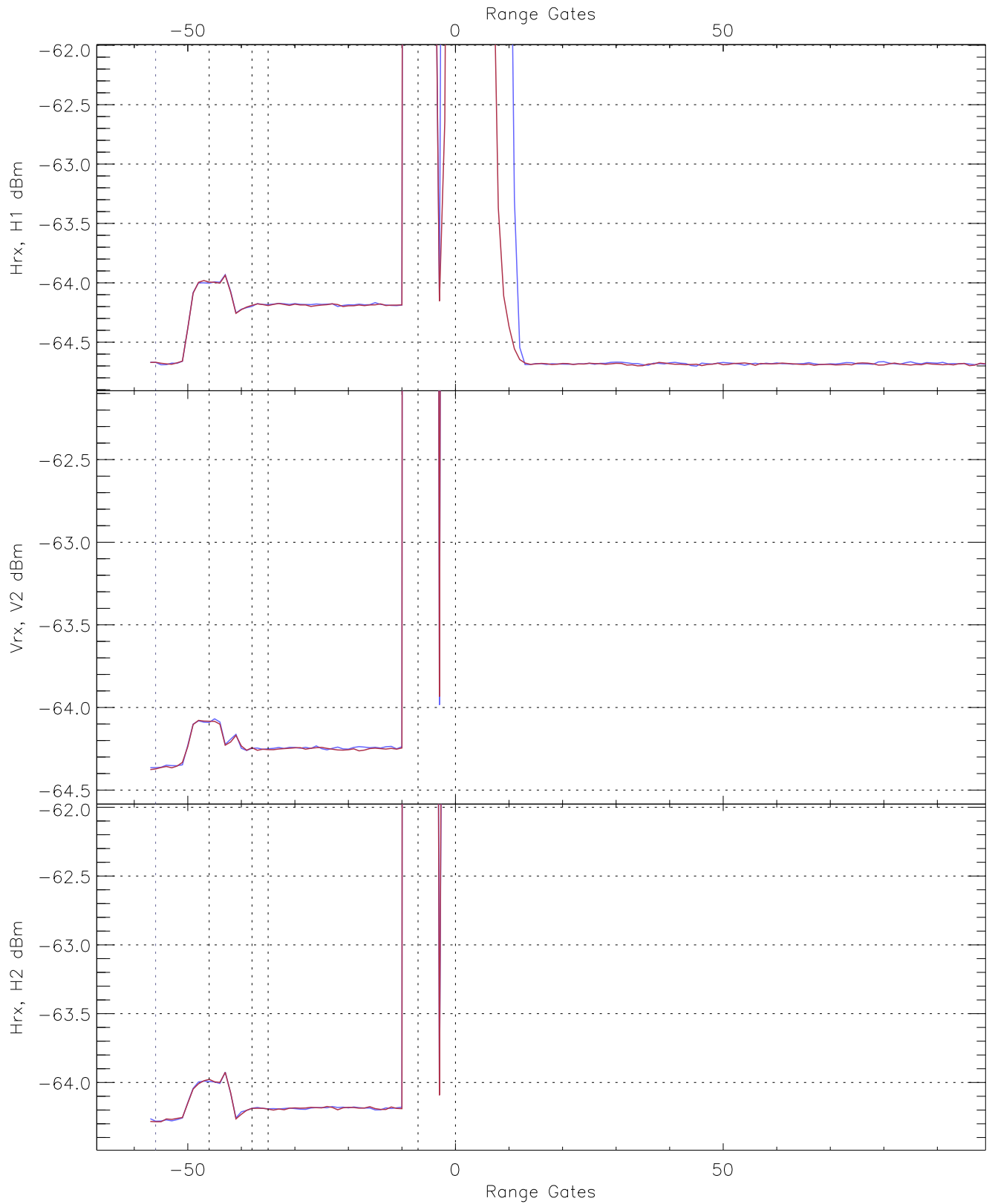
WCR3 FF3 "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG176_0 [dBm]	-65.25	-64.15	-64.70	-64.70	-78.63
V2RG154_0 [dBm]	-64.88	-63.81	-64.38	-64.38	-78.53
H2RG224_0 [dBm]	-64.96	-63.73	-64.28	-64.28	-78.35

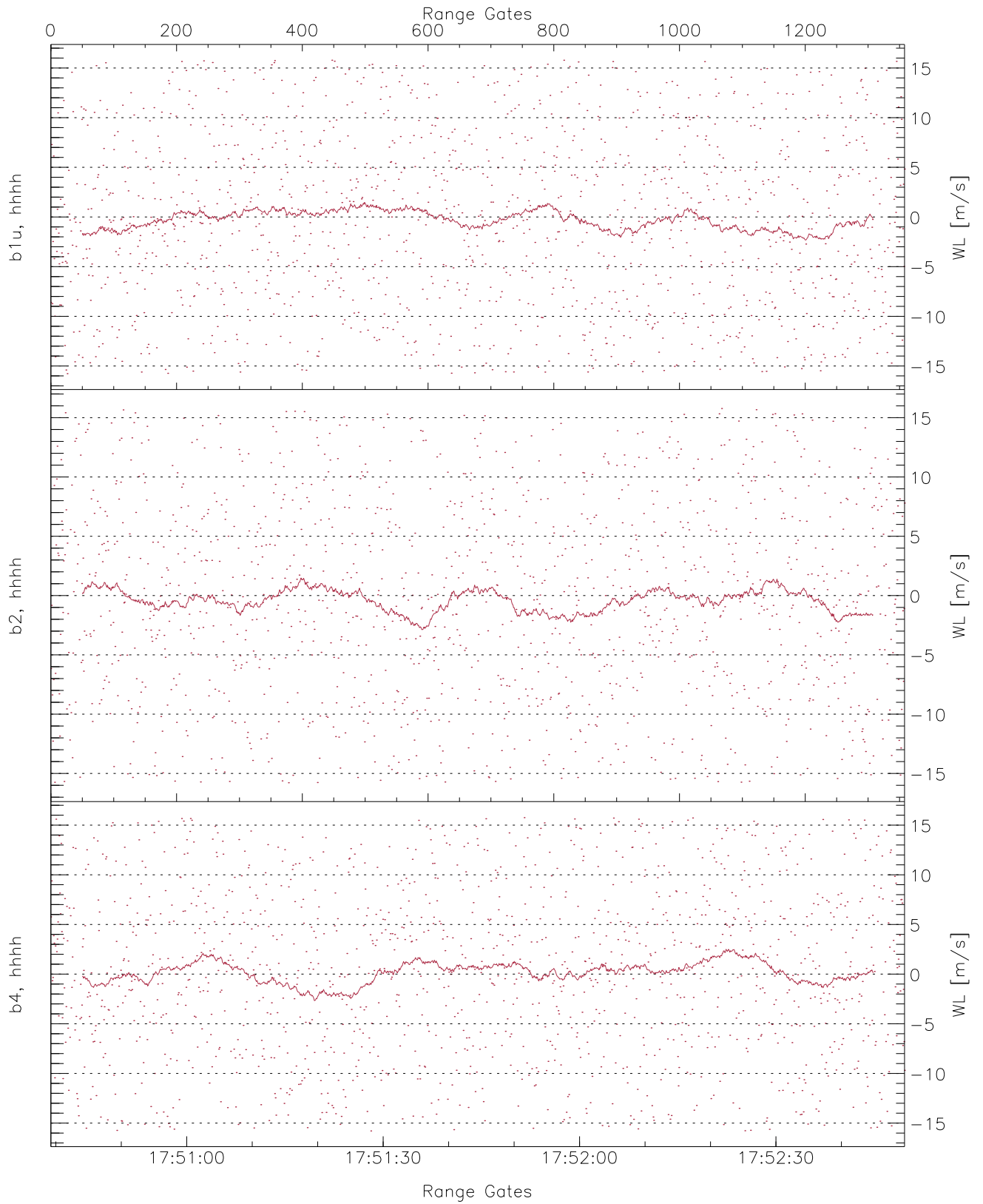


WCR3 FF3 Averaged Received power for all recorded gates  
blue: 175039-175144, 680 profiles averaged  
red: 175144-175250, 680 profiles averaged

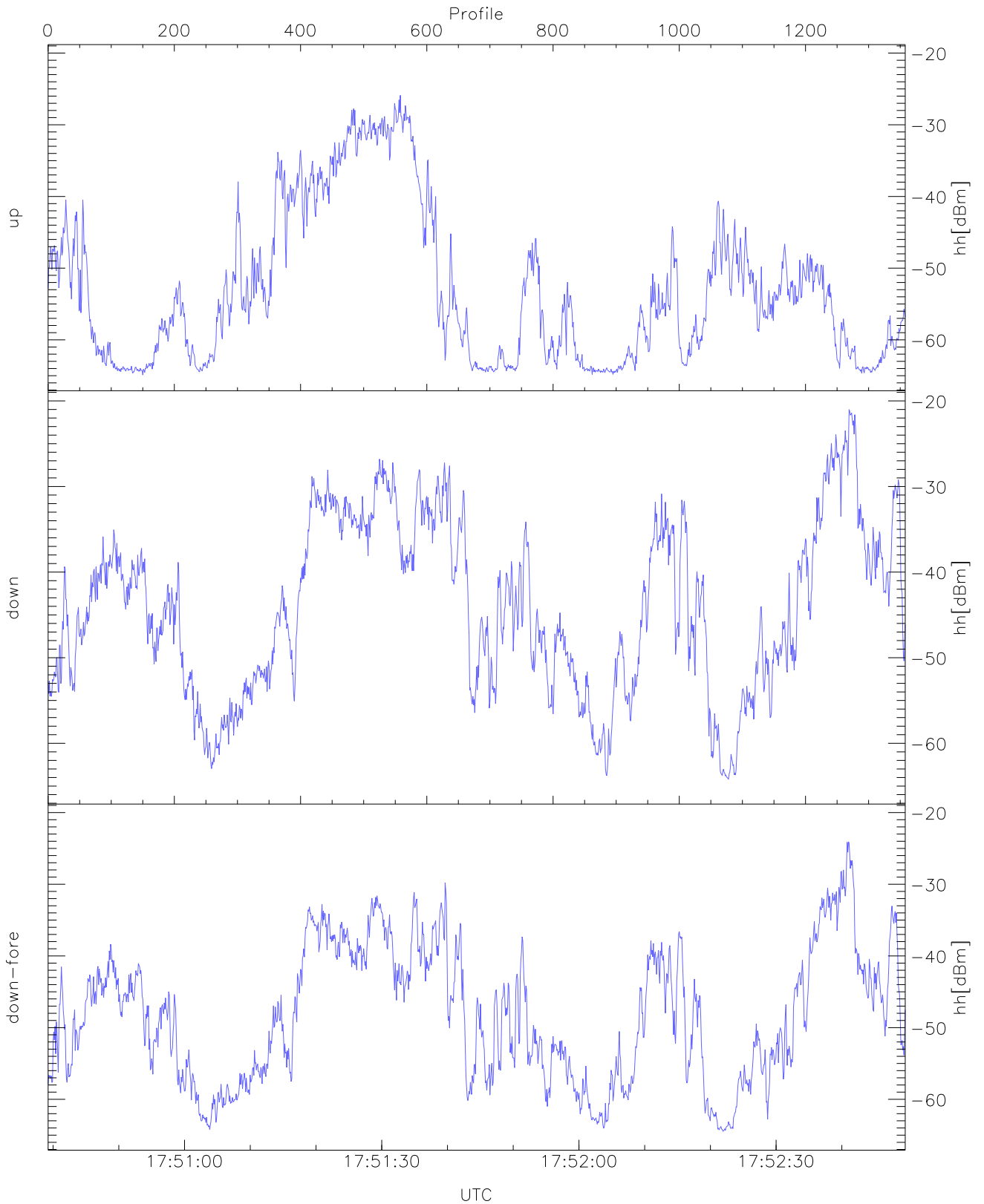




WCR3 FF3 Averaged Received power for the negative gates and up to 100 gate  
blue: 175039-175144, 680 profiles averaged  
red: 175144-175250, 680 profiles averaged

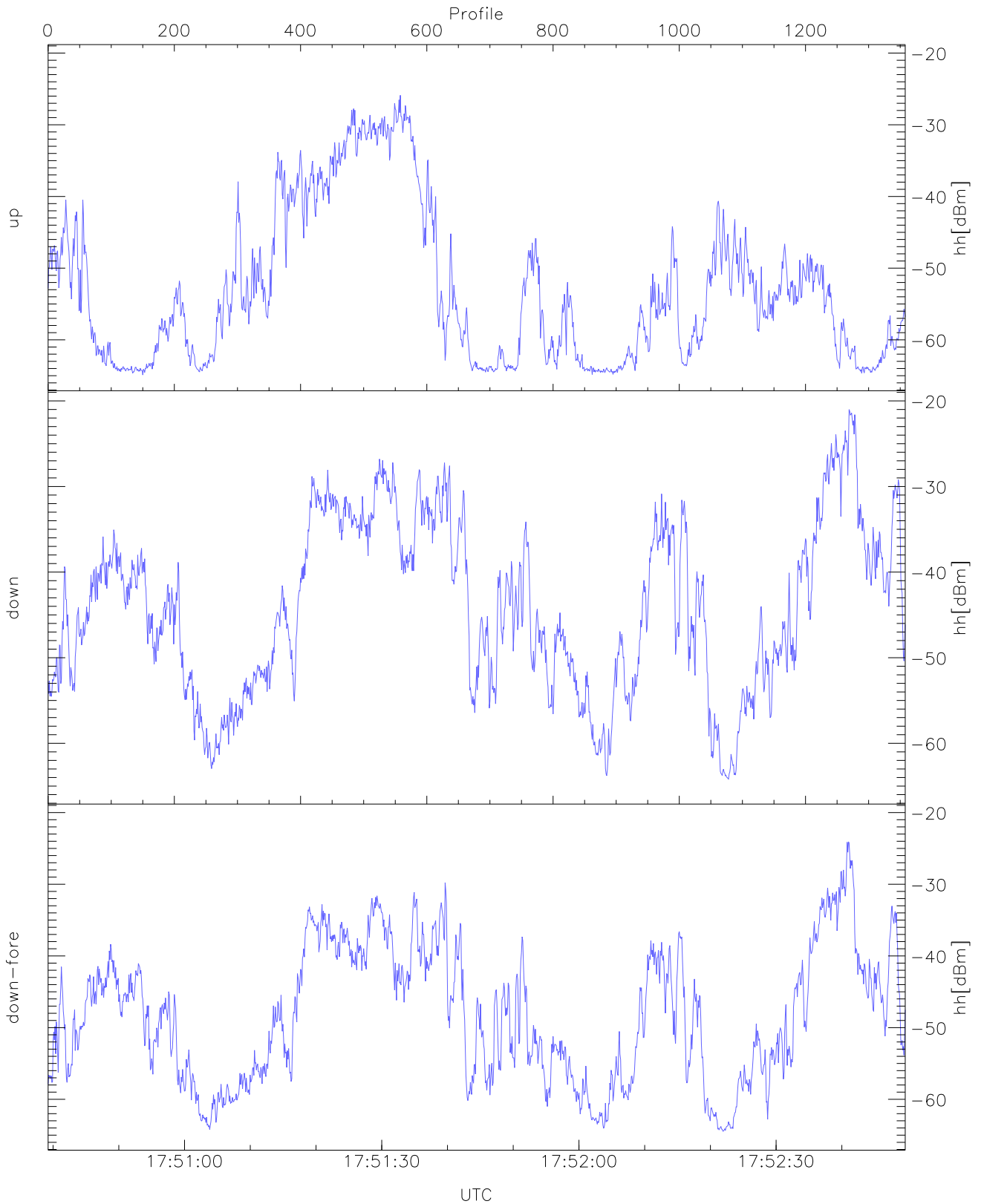


WCR3 FF3 Receivers Phase Noise (in m/s) from the Warm Loads Measurements



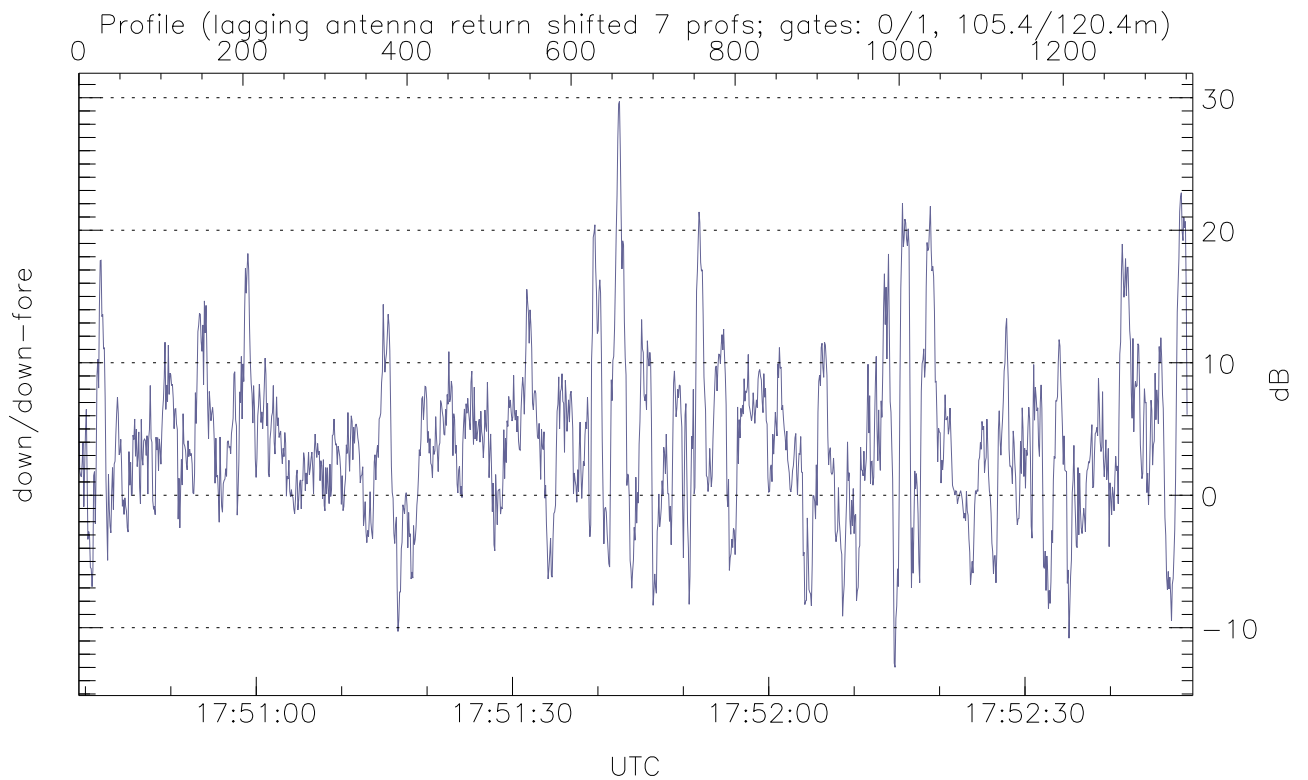
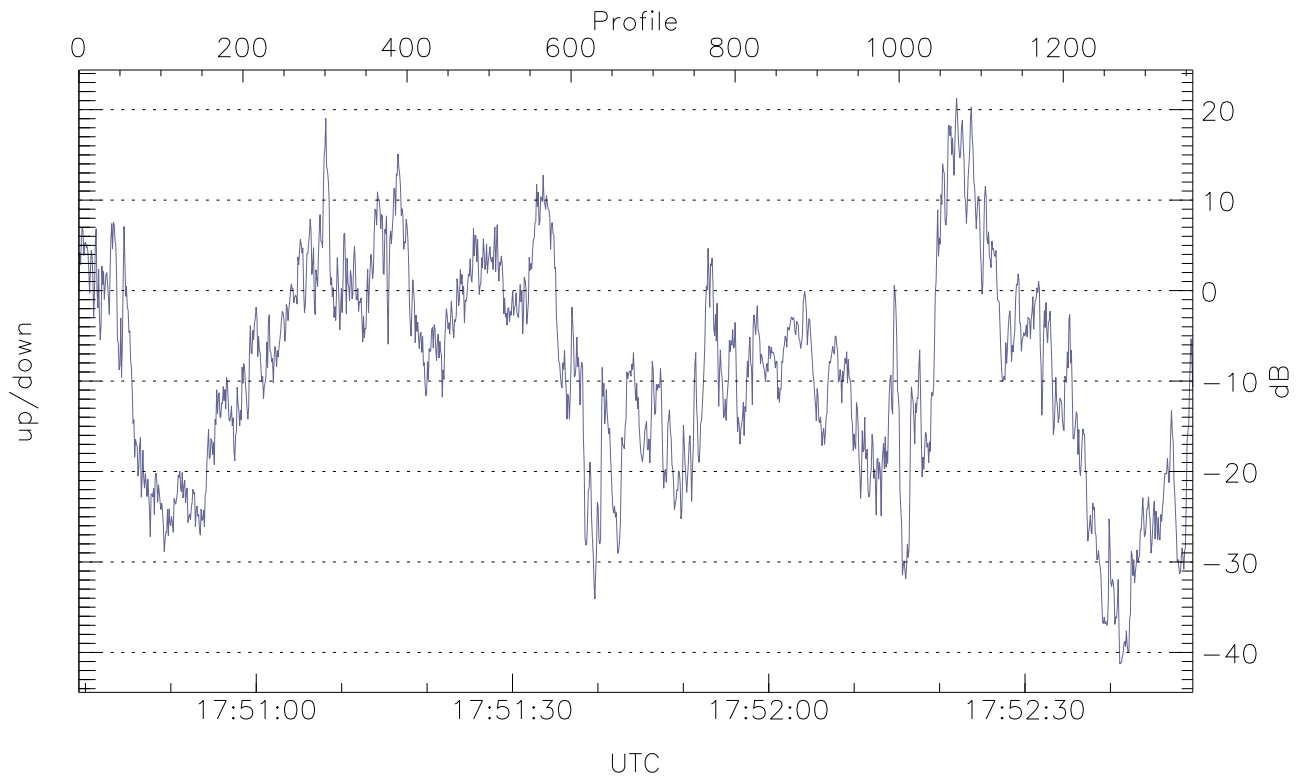
WCR3 FF3 Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.90	-25.88	-39.89
down(hh[dBm])	-64.17	-21.01	-35.31
down-fore(hh[dBm])	-64.44	-24.07	-39.90



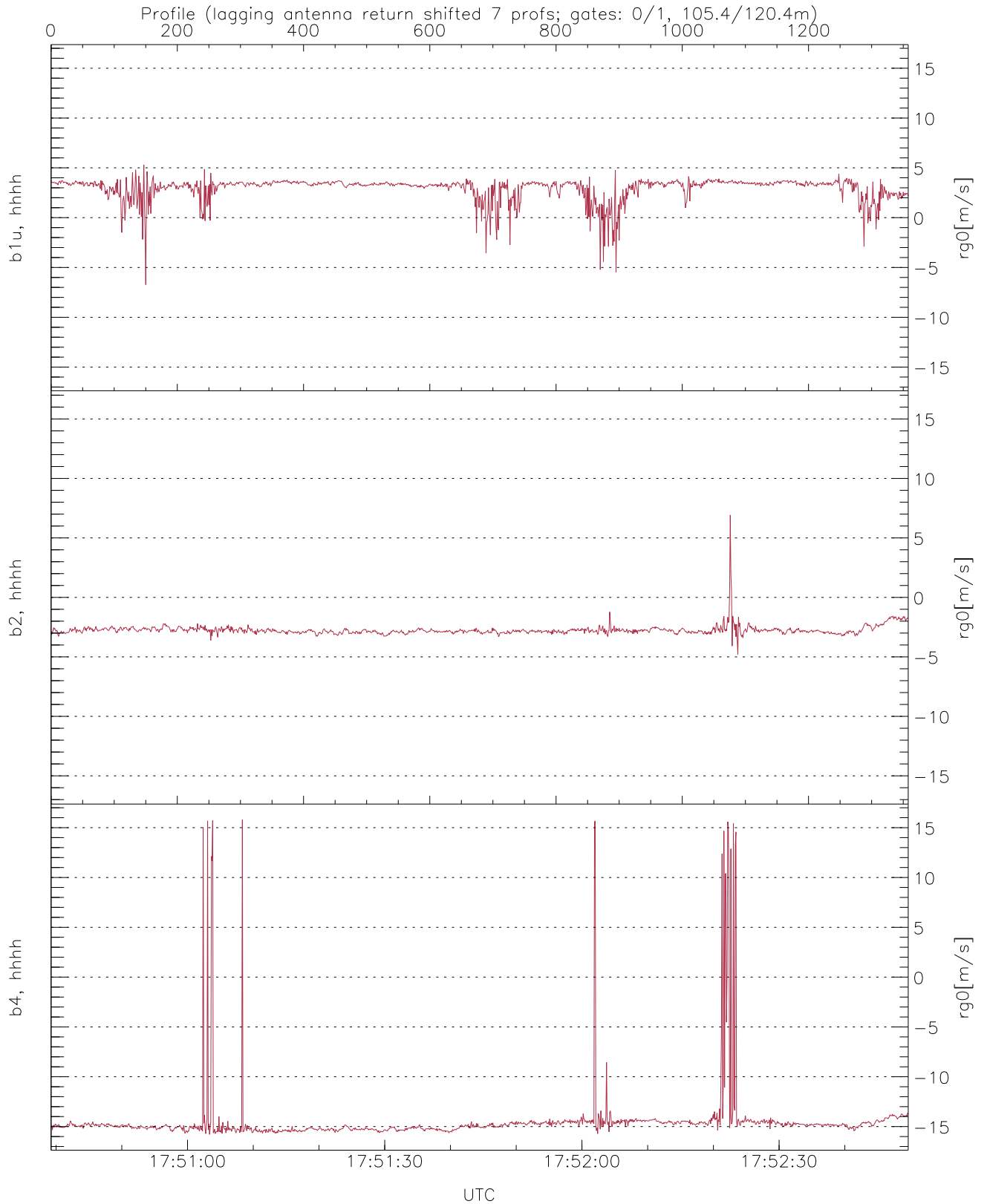
WCR3 FF3 Power Products(psdmom0) for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.90	-25.88	-39.89
down(hh[dBm])	-64.17	-21.01	-35.31
down-fore(hh[dBm])	-64.44	-24.07	-39.90



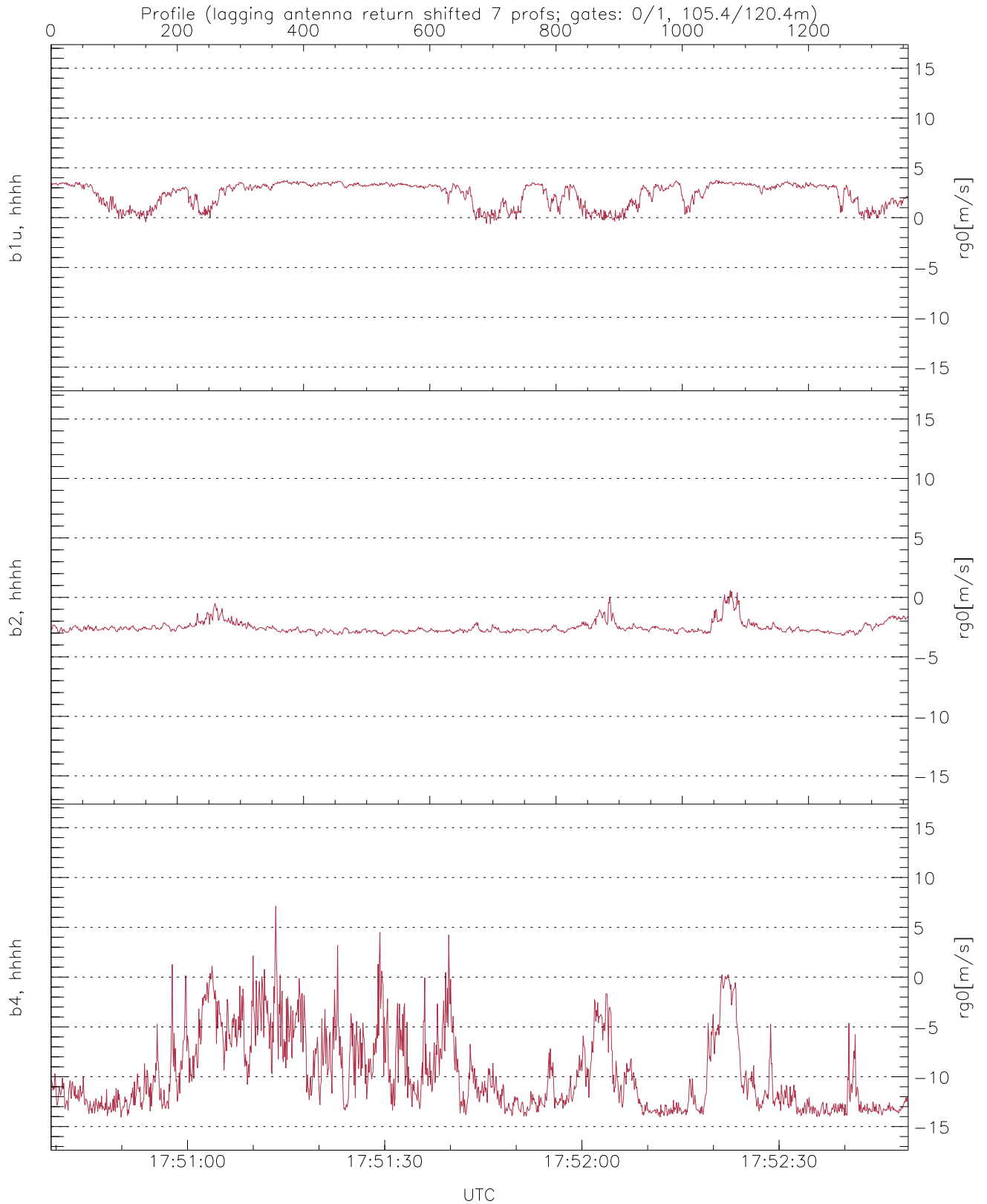
WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-41.29	21.26	-8.93
down/down-fore (dB)	-12.99	29.72	3.98



WCR3 FF3 Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-6.73	5.31	2.93	1.15
b2, hhhh(rg0[m/s])	-4.80	6.92	-2.76	0.42
b4, hhhh(rg0[m/s])	-15.79	15.79	-14.45	3.44



WCR3 FF3 Doppler Velocity Products (psdmom1) at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-0.63	3.76	2.36	1.17
b2, hhhh(rg0[m/s])	-3.24	0.58	-2.53	0.52
b4, hhhh(rg0[m/s])	-14.07	7.13	-9.67	3.96