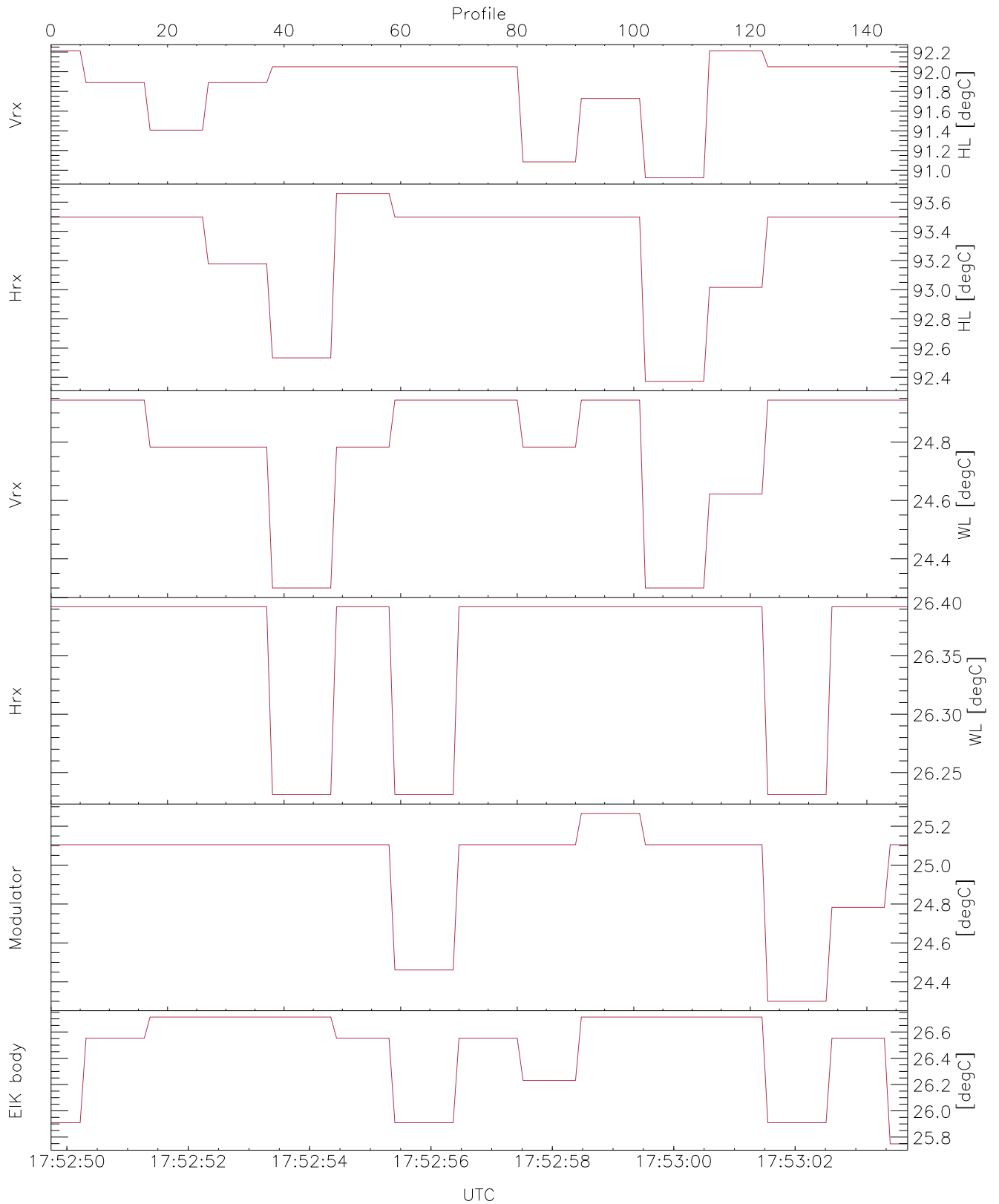


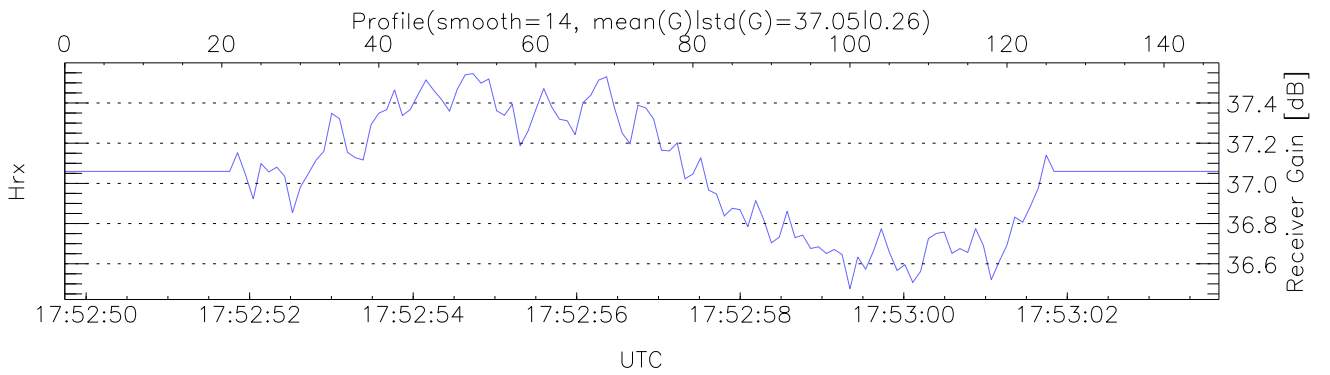
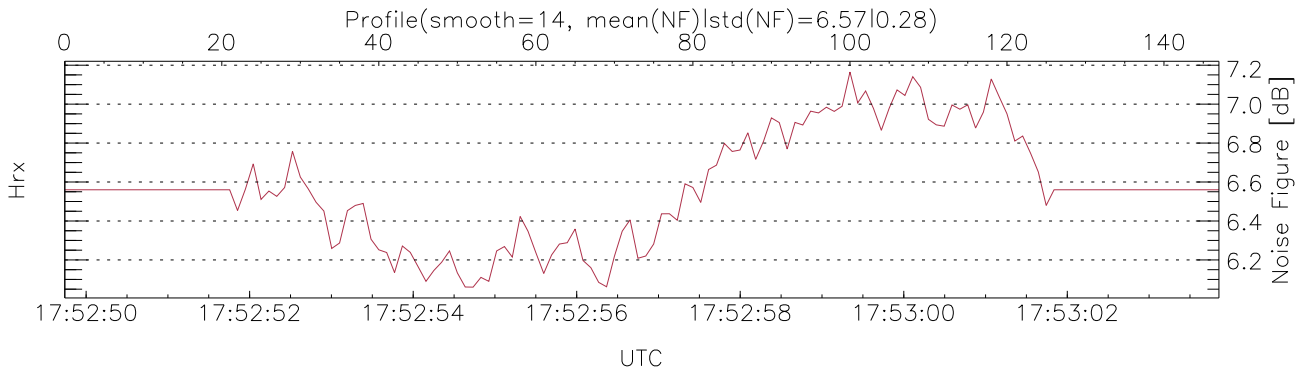
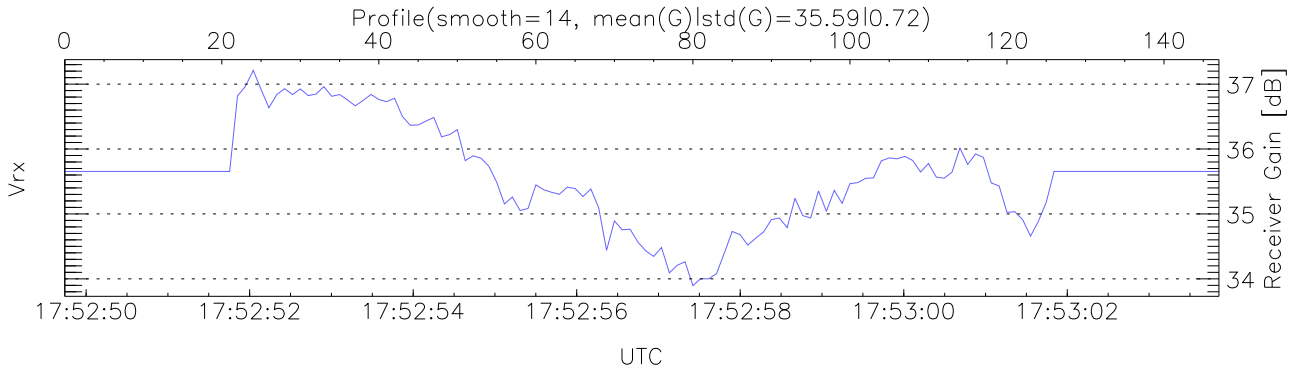
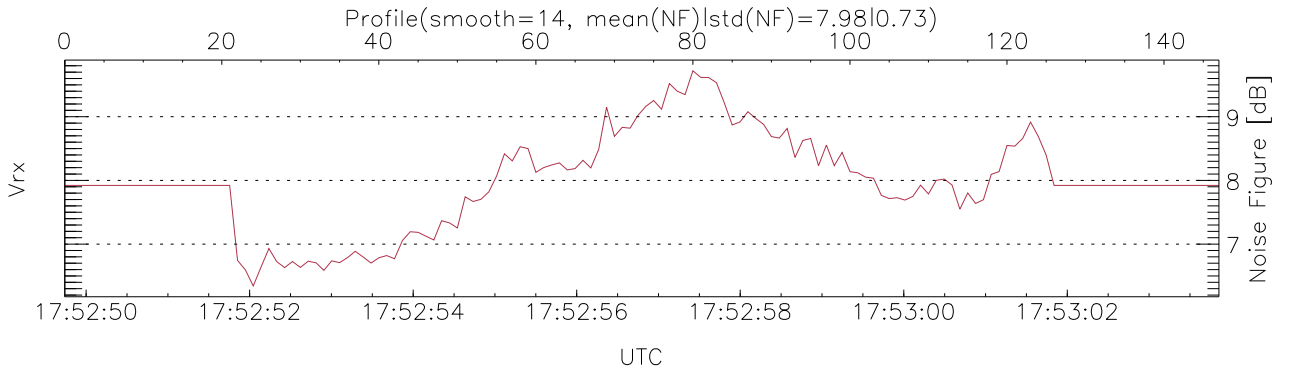
WCR3 FF3 Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:52:50-17:53:04, TimeCor: 0.00s, Dur: 14.12s
 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): 148/148, 0-147/17:52:50-17:53:04
 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



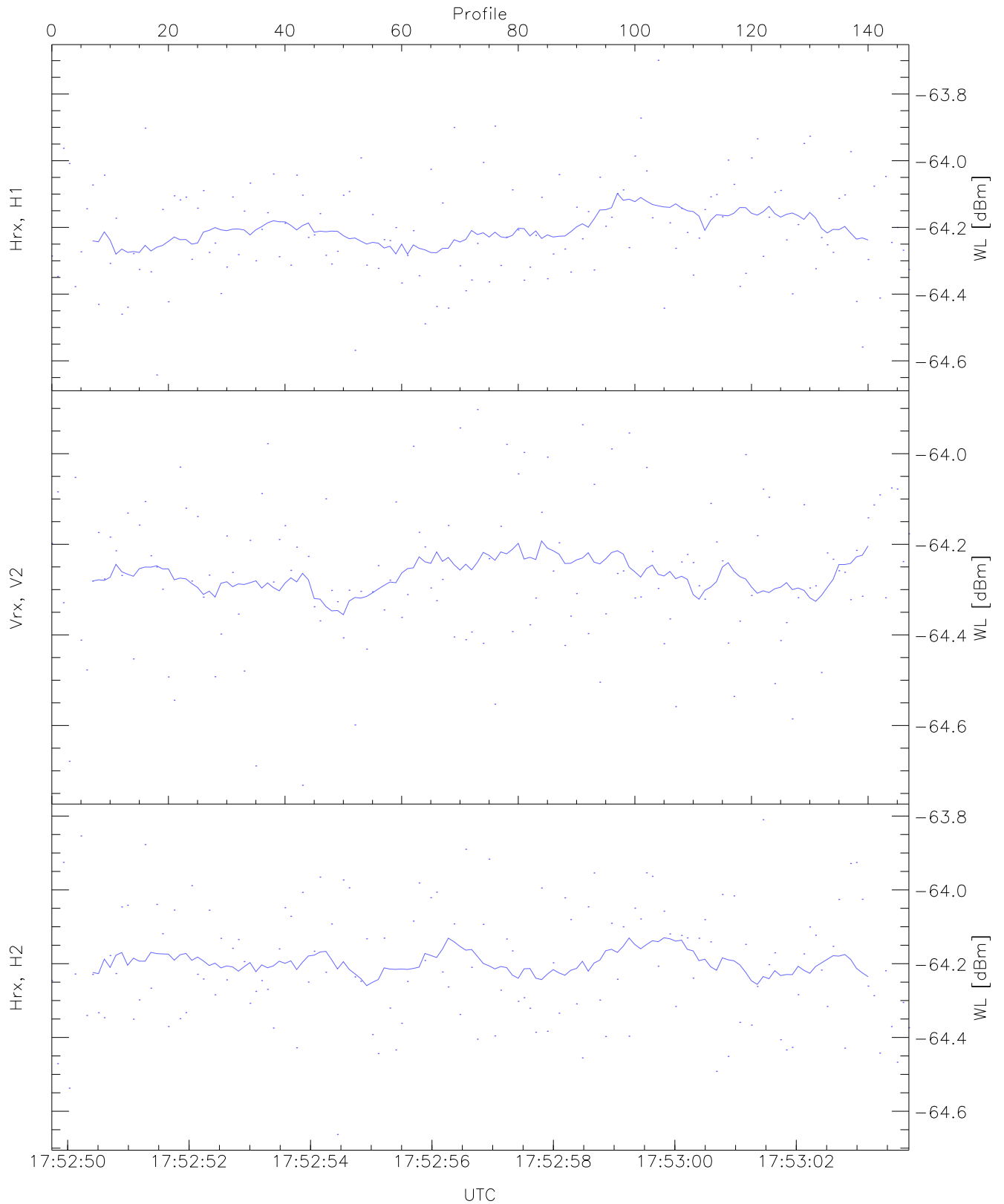
WCR3 FF3 Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



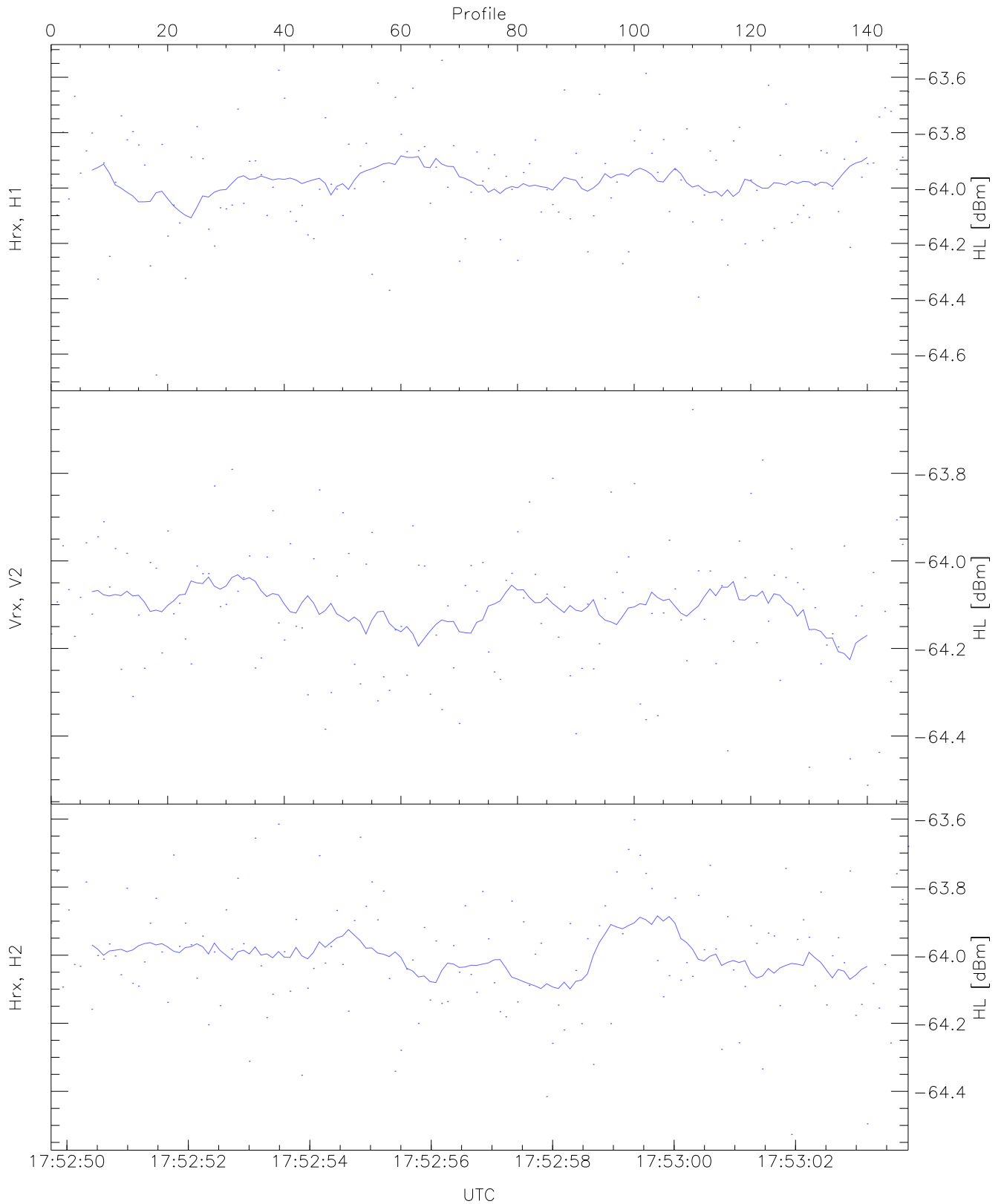
WCR3 FF3 Receivers Gain and Noise Figure

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



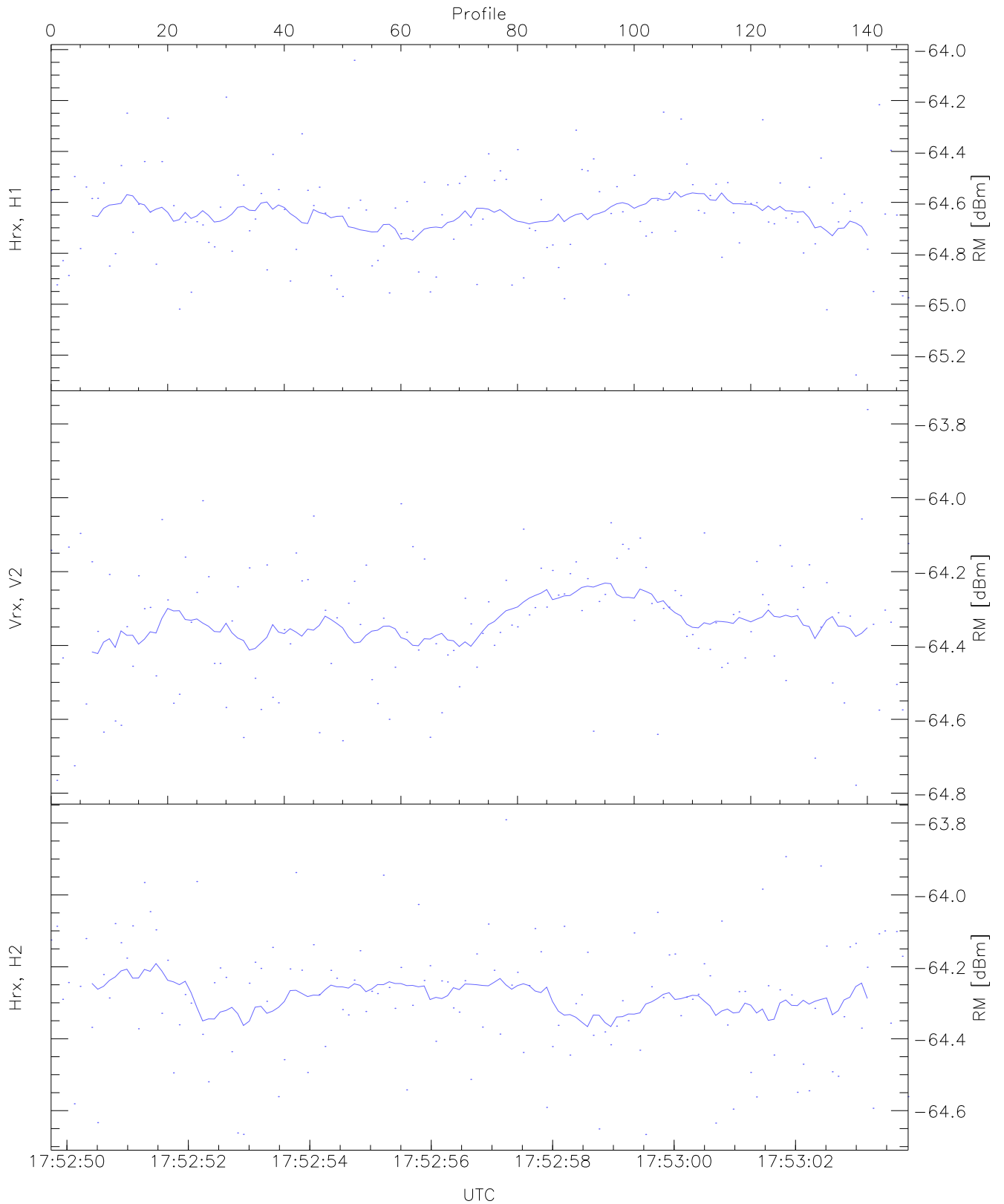
WCR3 FF3 Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.64	-63.70	-64.21	-64.22	-78.73
Vrx, V2 (WL [dBm])	-64.73	-63.90	-64.26	-64.27	-78.63
Hrx, H2 (WL [dBm])	-64.66	-63.81	-64.20	-64.22	-78.49



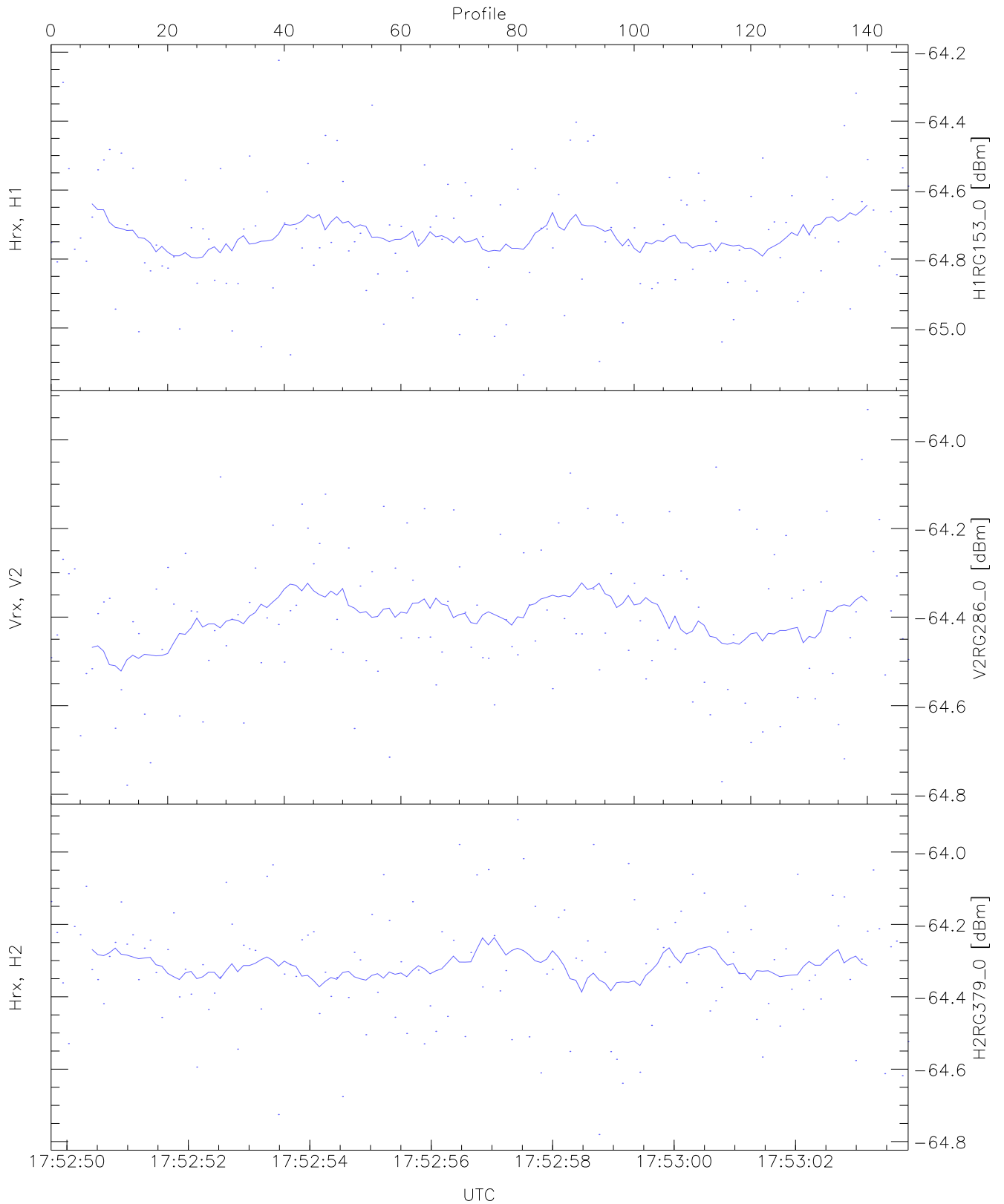
WCR3 FF3 Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.68	-63.54	-63.96	-63.96	-77.62
Vrx, V2 (HL [dBm])	-64.51	-63.65	-64.10	-64.10	-78.58
Hrx, H2 (HL [dBm])	-64.53	-63.60	-64.00	-64.00	-77.95



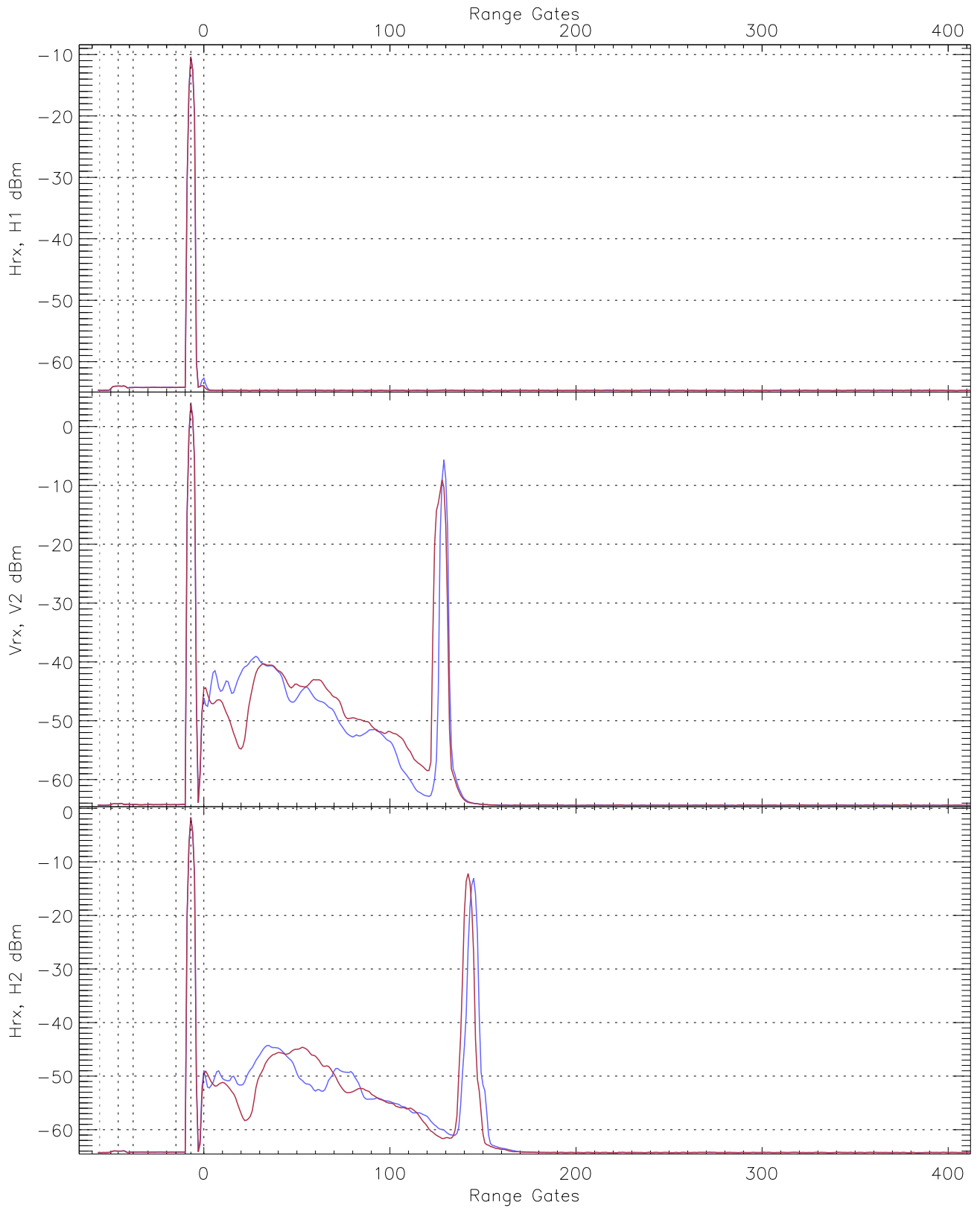
WCR3 FF3 Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.28	-64.04	-64.65	-64.64	-78.13
Vrx, V2 (RM [dBm])	-64.78	-63.76	-64.34	-64.32	-78.31
Hrx, H2 (RM [dBm])	-64.67	-63.79	-64.28	-64.27	-78.28

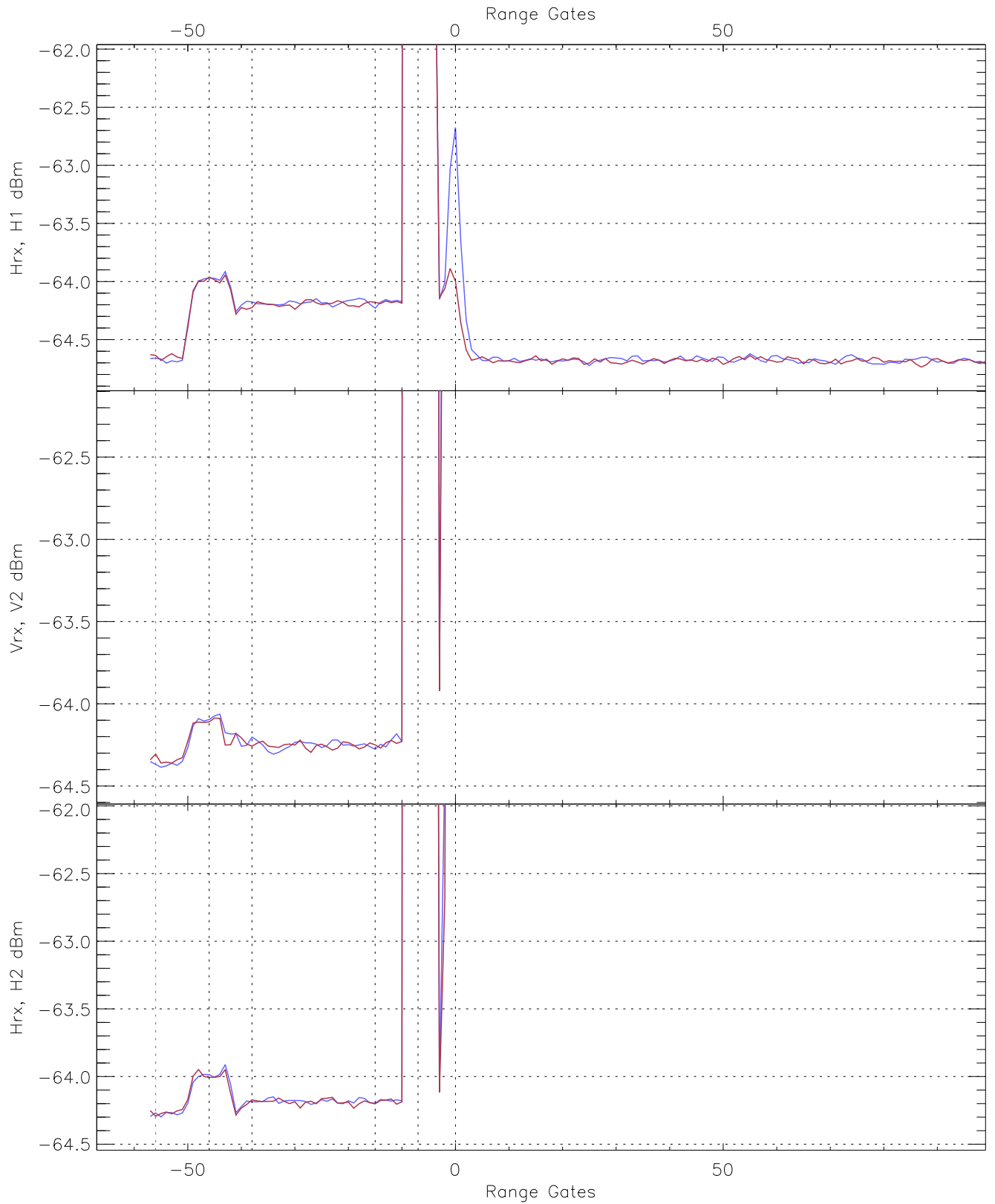


WCR3 FF3 "Best" estimate Receivers Noise Power

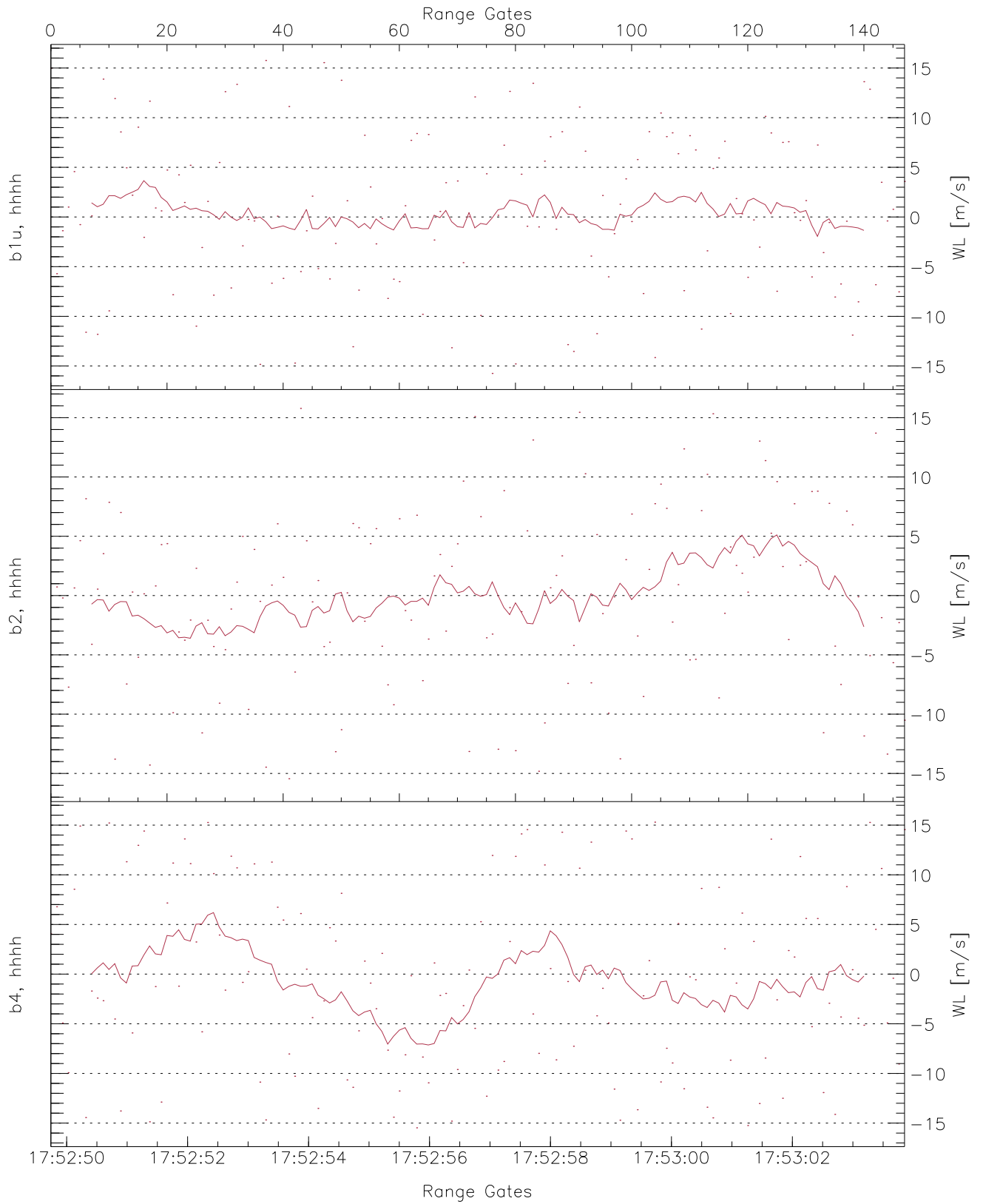
	Min	Max	Mean	Median	StDev
H1RG153_0 [dBm]	-65.14	-64.22	-64.72	-64.73	-78.69
V2RG286_0 [dBm]	-64.78	-63.93	-64.40	-64.40	-78.64
H2RG379_0 [dBm]	-64.78	-63.91	-64.31	-64.30	-78.58



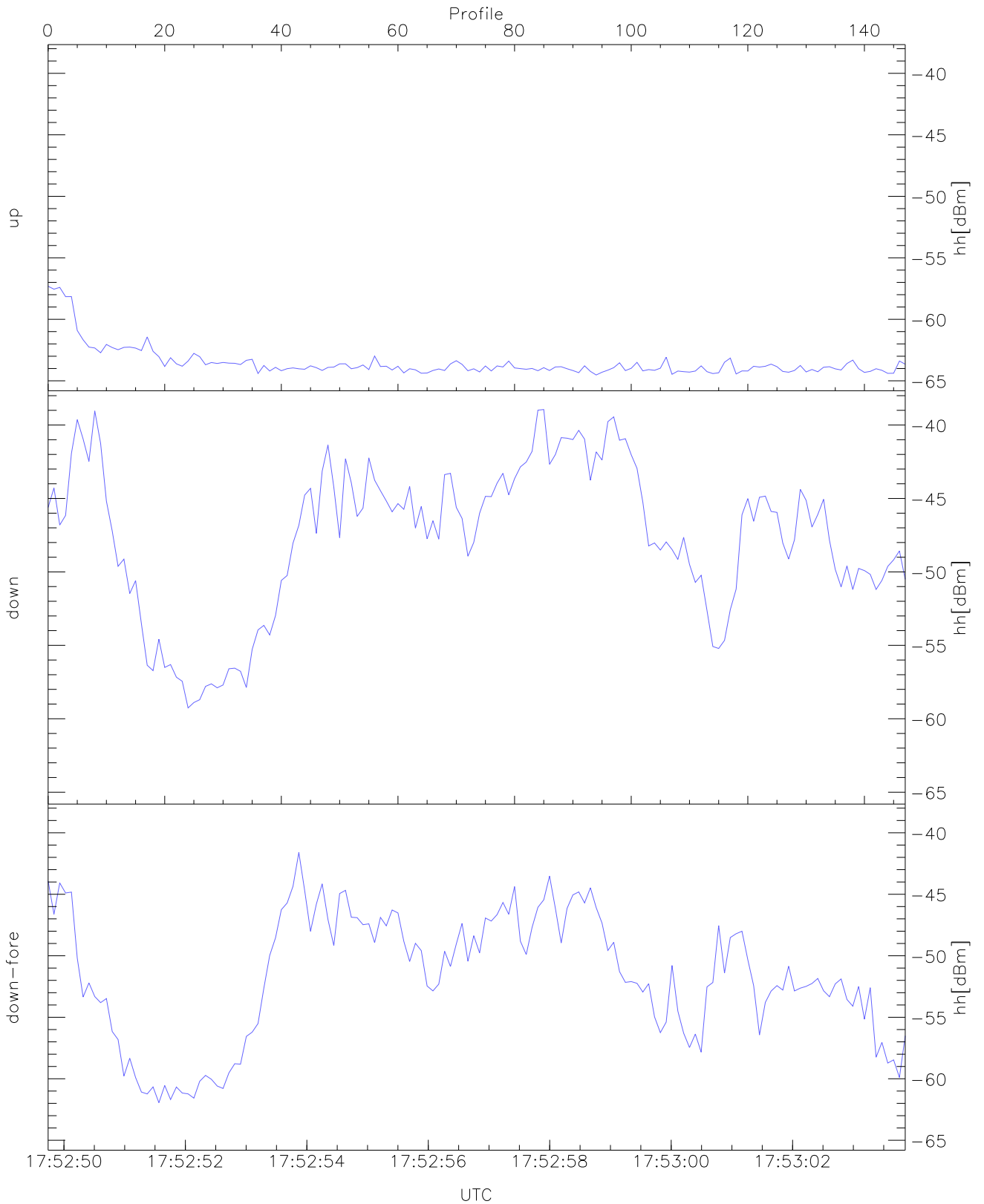
WCR3 FF3 Averaged Received power for all recorded gates
blue: 175250-175257, 75 profiles averaged
red: 175257-175304, 74 profiles averaged



WCR3 FF3 Averaged Received power for the negative gates and up to 100 gate
blue: 175250-175257, 75 profiles averaged
red: 175257-175304, 74 profiles averaged

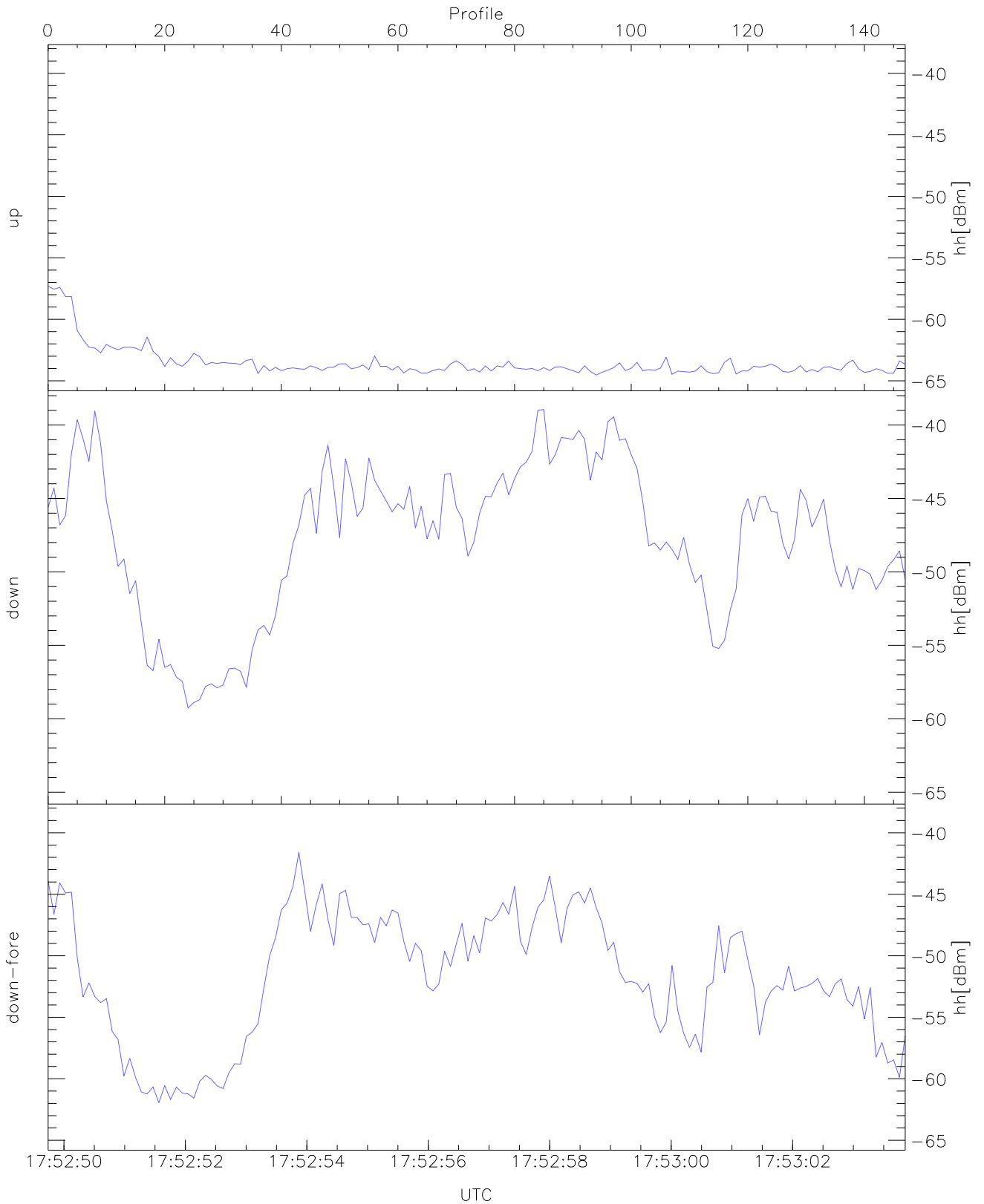


WCR3 FF3 Receivers Phase Noise (in m/s) from the Warm Loads Measurements



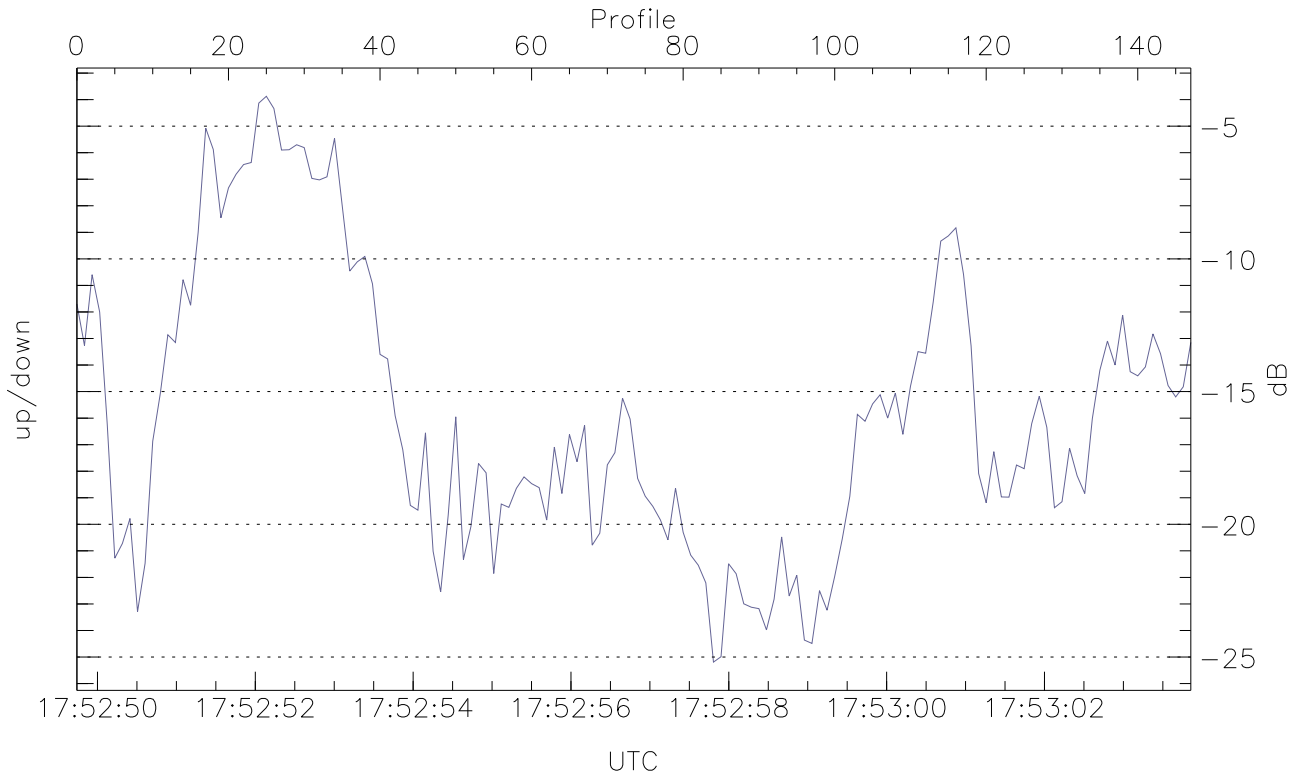
WCR3 FF3 Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.53	-57.31	-63.28
down(hh[dBm])	-59.26	-38.94	-45.28
down-fore(hh[dBm])	-61.95	-41.60	-49.23



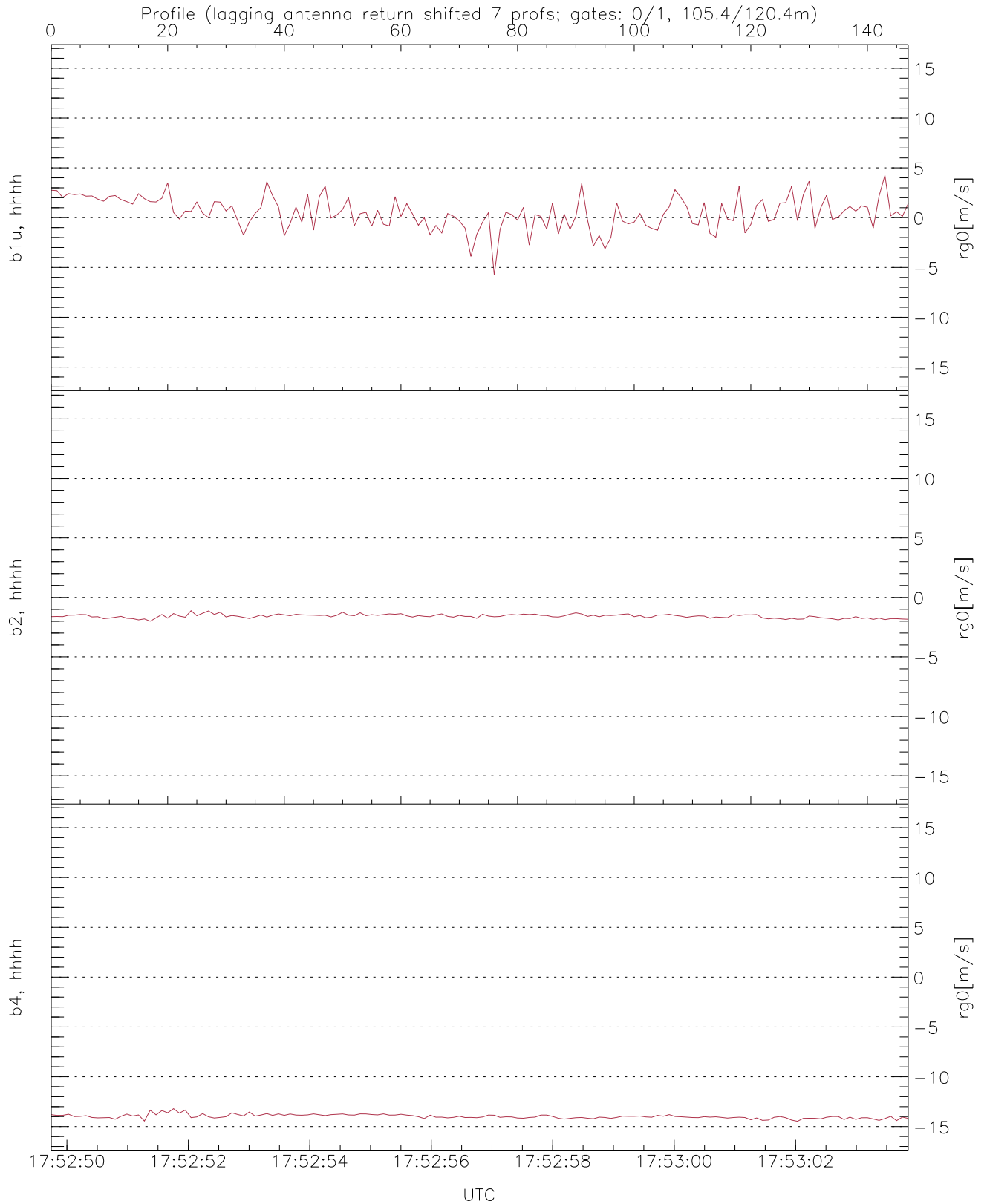
WCR3 FF3 Power Products(psdmom0) for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.53	-57.31	-63.28
down(hh[dBm])	-59.26	-38.94	-45.28
down-fore(hh[dBm])	-61.95	-41.60	-49.23



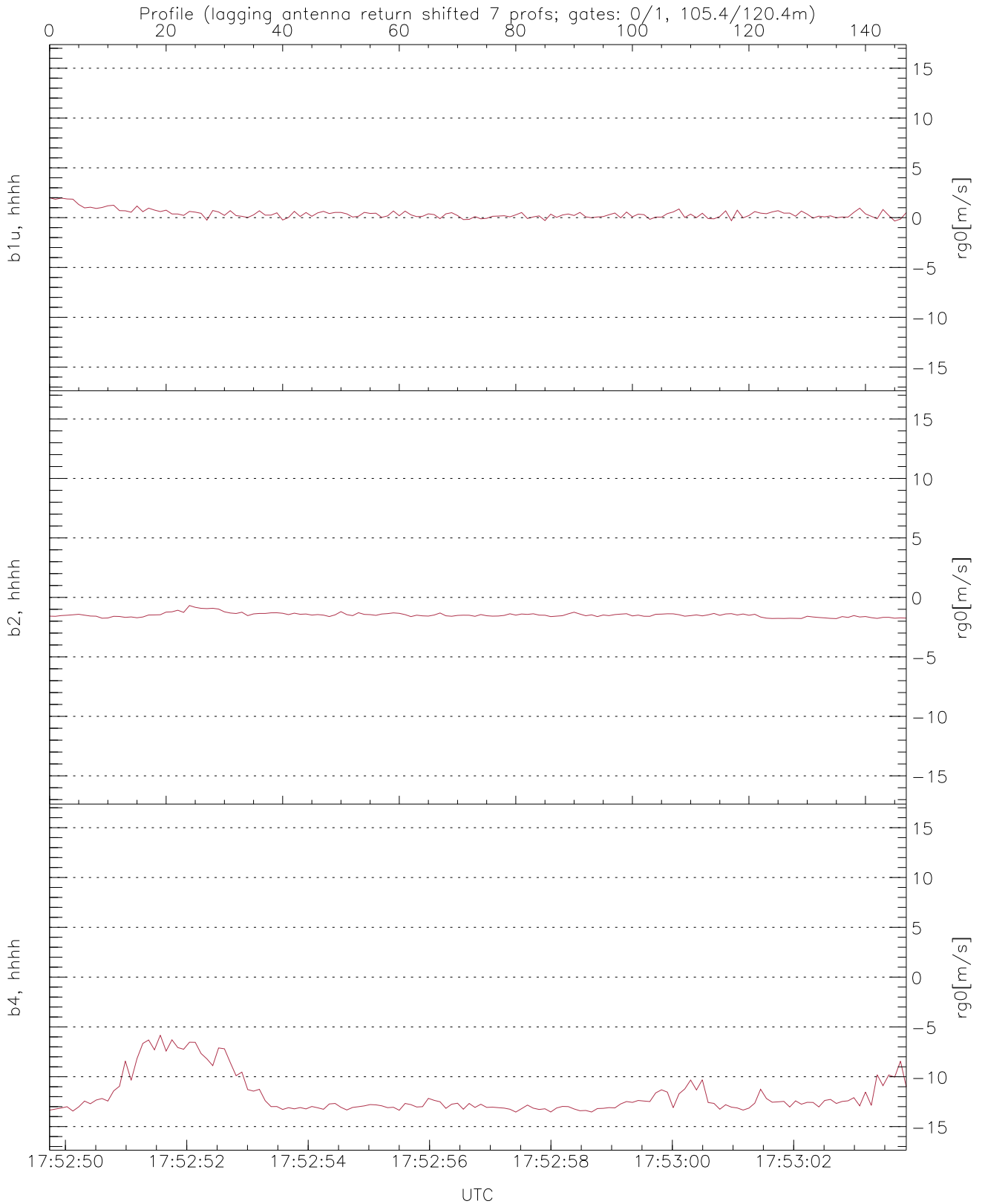
WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-25.19	-3.88	-15.87
down/down-fore (dB)	-9.30	20.54	4.70



WCR3 FF3 Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-5.76	4.25	0.50	1.59
b2, hhhh(rg0[m/s])	-2.00	-1.12	-1.58	0.16
b4, hhhh(rg0[m/s])	-14.47	-13.20	-13.98	0.21



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

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-0.34	1.99	0.39	0.44
b2, hhhh(rg0[m/s])	-1.79	-0.68	-1.48	0.19
b4, hhhh(rg0[m/s])	-13.54	-5.82	-11.87	1.94