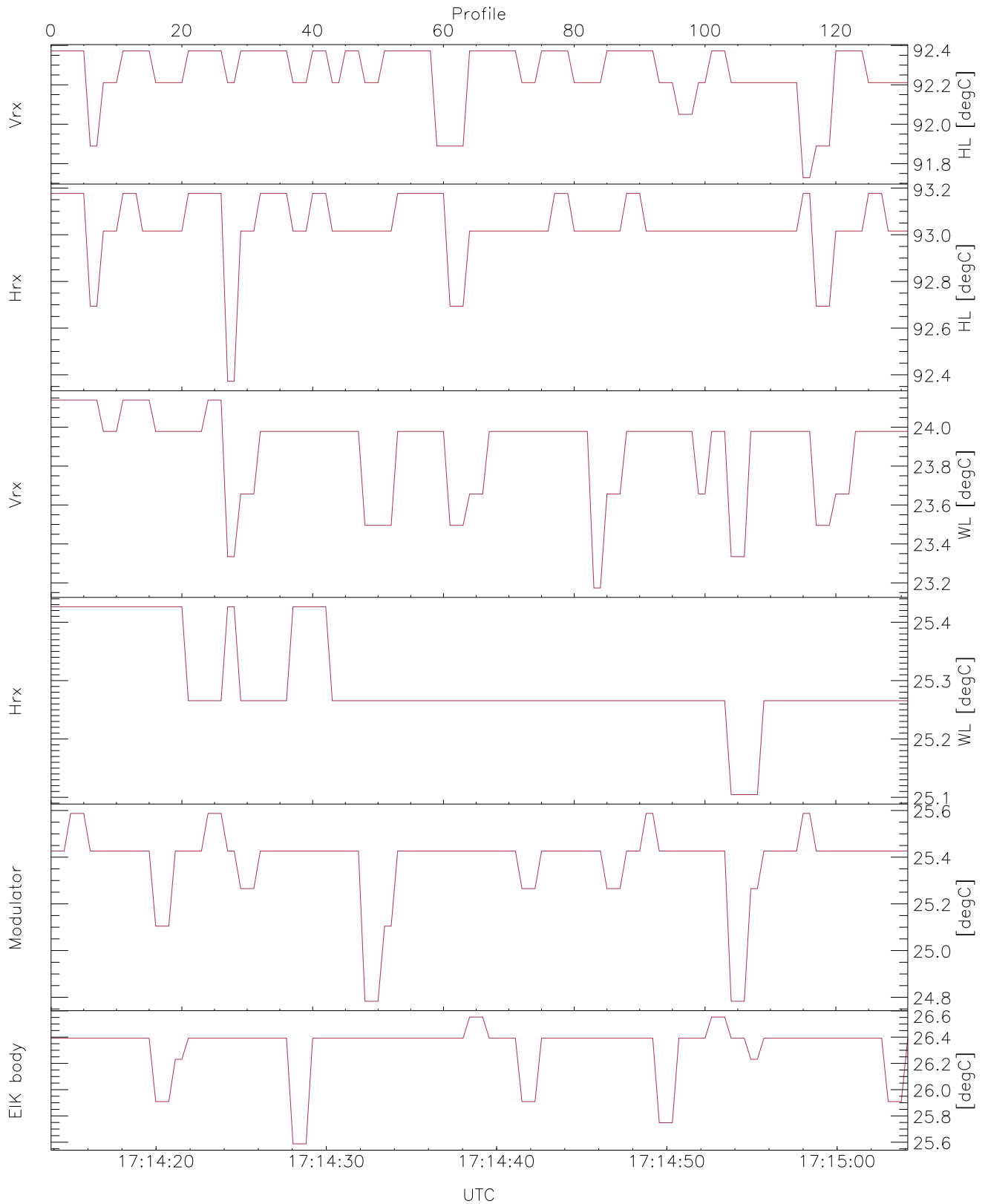


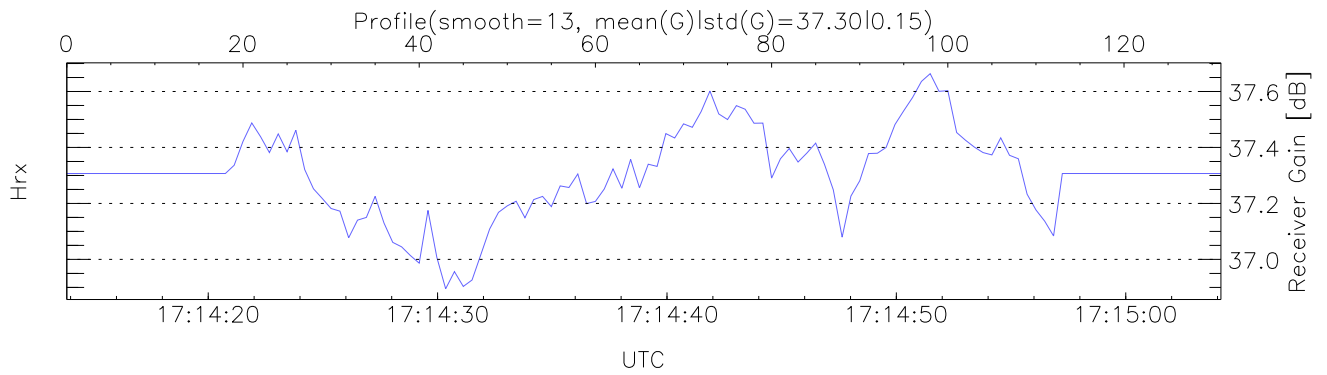
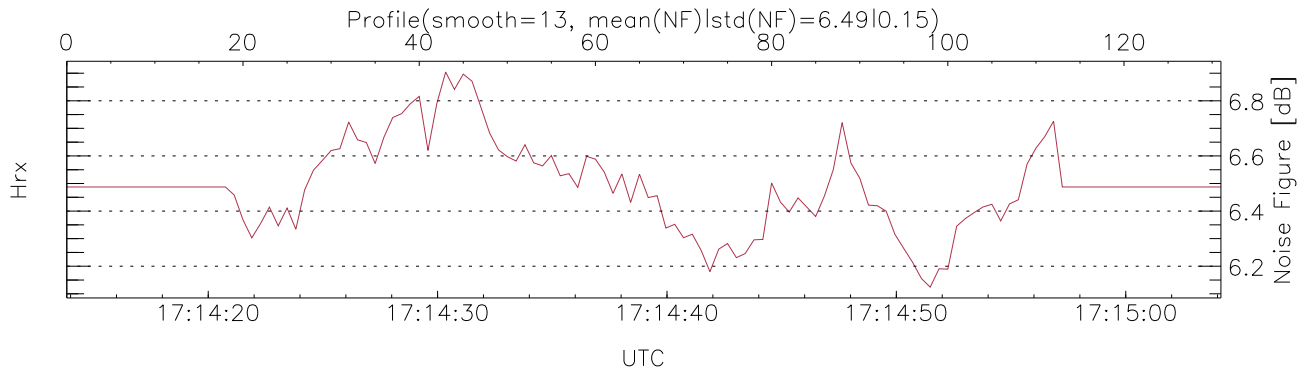
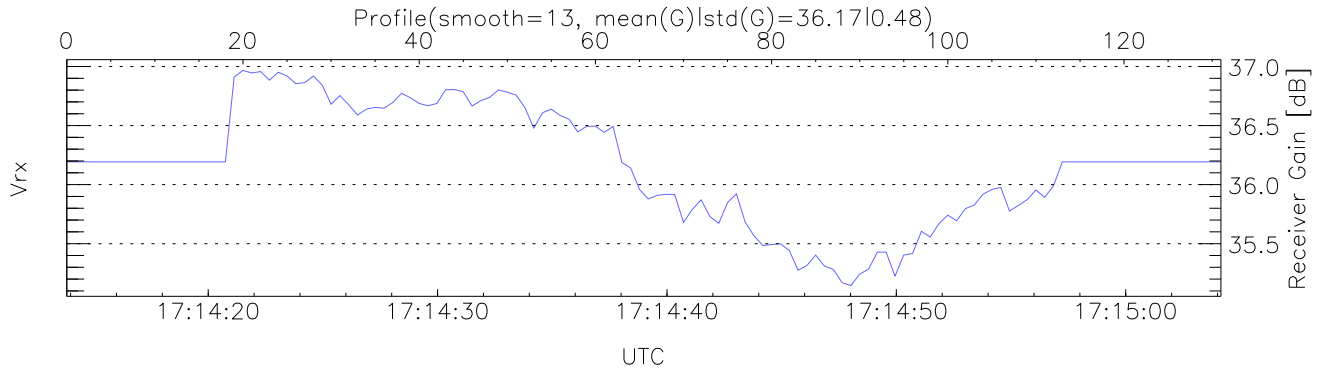
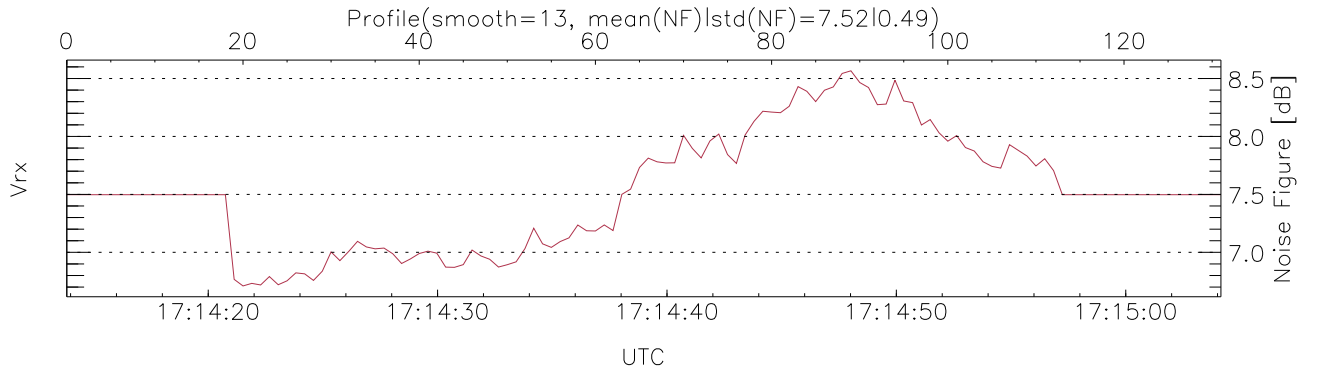
WCR3 FF3 Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:14:14-17:15:04, TimeCor: 0.00s, Dur: 50.32s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 384.1,384.1,384.1,0.0 ms / 2.6,2.6,2.6
 NumRec(r/t): 132/132, 0-131/17:14:14-17:15:04
 AcqTime: 384.0ms, Rate: 0.480MB/s, Averages (req.,actual): 40,40
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 V2 H2
 PRF: 10.0 10.0 10.0 10.0 10.0 10.0 KHz, IGS: 100us
 Range(min,max,rgs): 90, 5973, 30.0 m, Gates: 197, Aspect: 0.9
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1
 FFTlen: 32, FFTwin: rectangular, # averagedFFT: 40, cr-polFFT: YES
 FFTres: 0.493,0.493,0.493,0.493,0.493,0.493 m/s, PulsePairCalc: YES



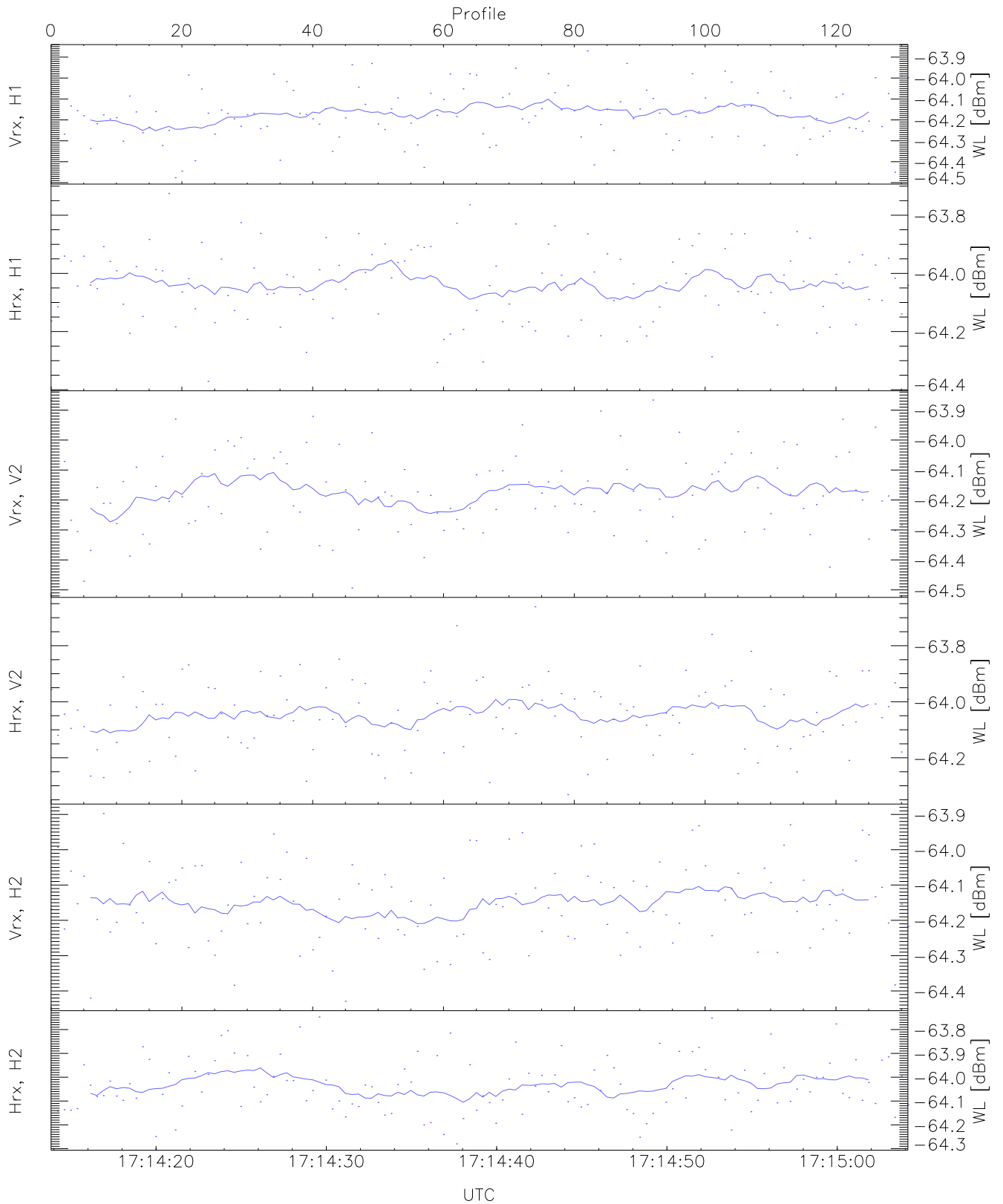
WCR3 FF3 Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,24,25
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,25,25,26
 LOalarm(20,240,2817,14861 MHz): None
 EIK/Modulator Faults: None



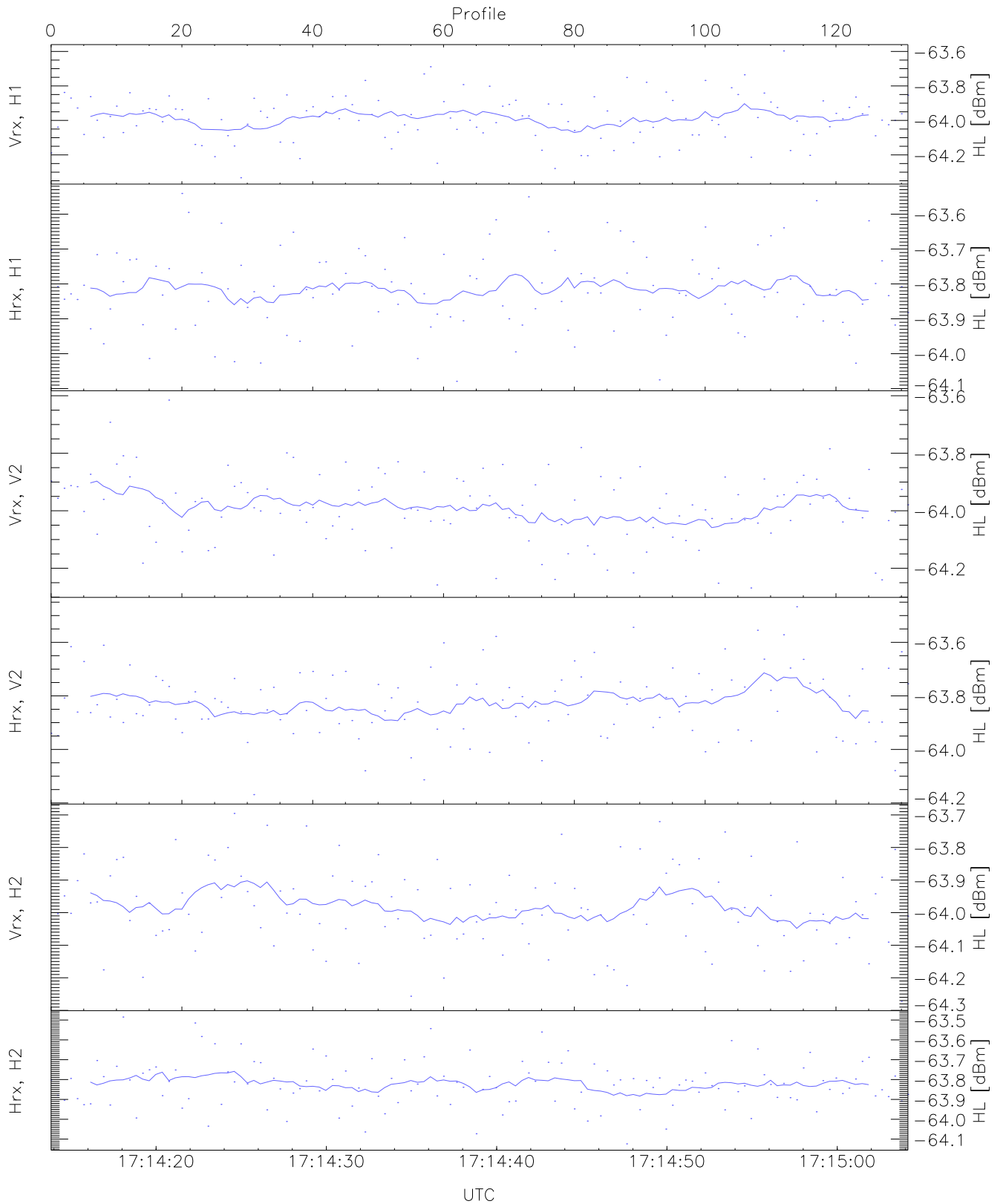
WCR3 FF3 Receivers Gain and Noise Figure

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



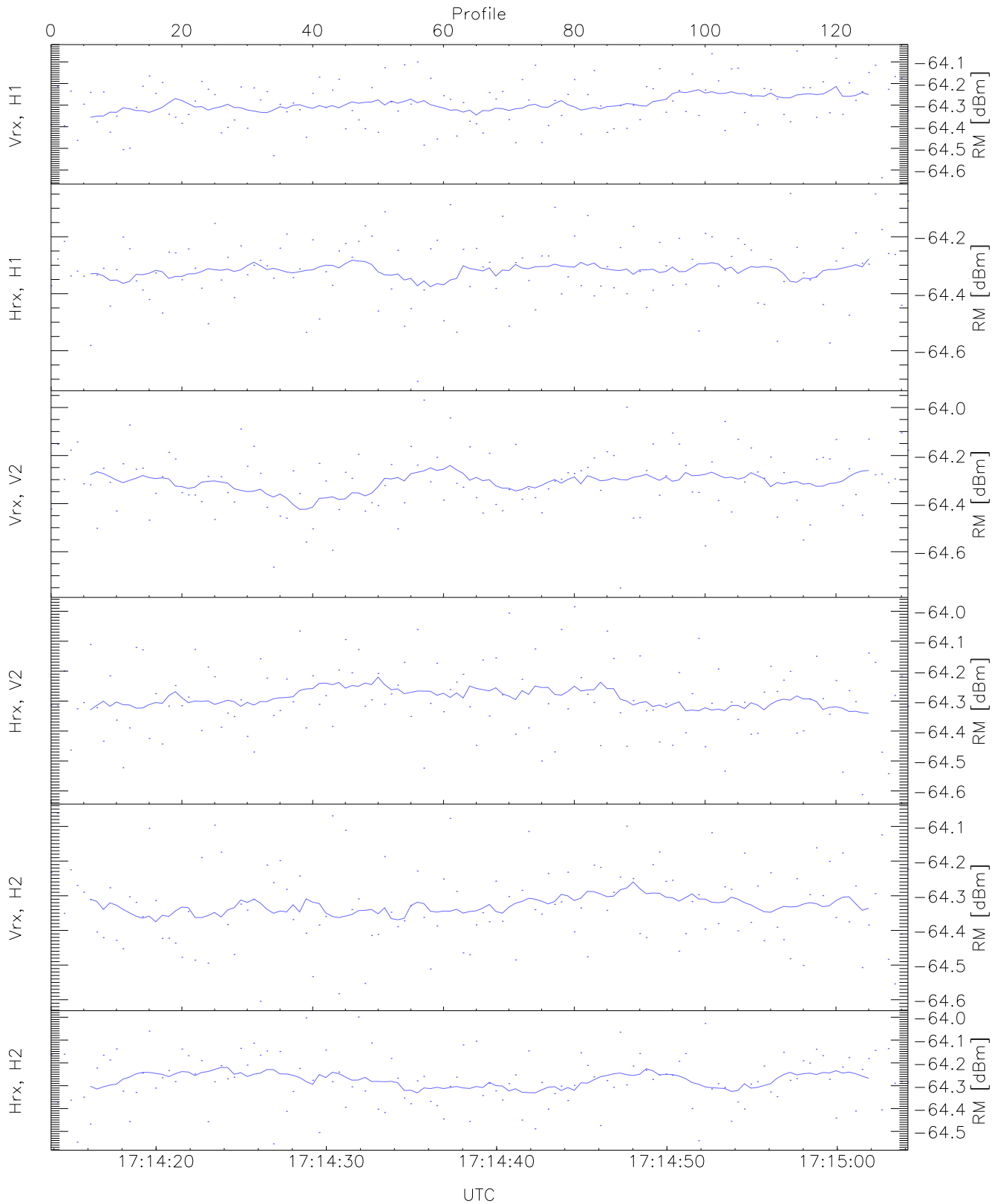
WCR3 FF3 Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, H1 (WL [dBm])	-64.48	-63.87	-64.17	-64.18	-79.61
Hrx, H1 (WL [dBm])	-64.37	-63.73	-64.04	-64.03	-79.45
Vrx, V2 (WL [dBm])	-64.49	-63.87	-64.17	-64.18	-79.42
Hrx, V2 (WL [dBm])	-64.33	-63.66	-64.05	-64.04	-79.43
Vrx, H2 (WL [dBm])	-64.43	-63.90	-64.15	-64.16	-79.99
Hrx, H2 (WL [dBm])	-64.28	-63.75	-64.03	-64.05	-79.90



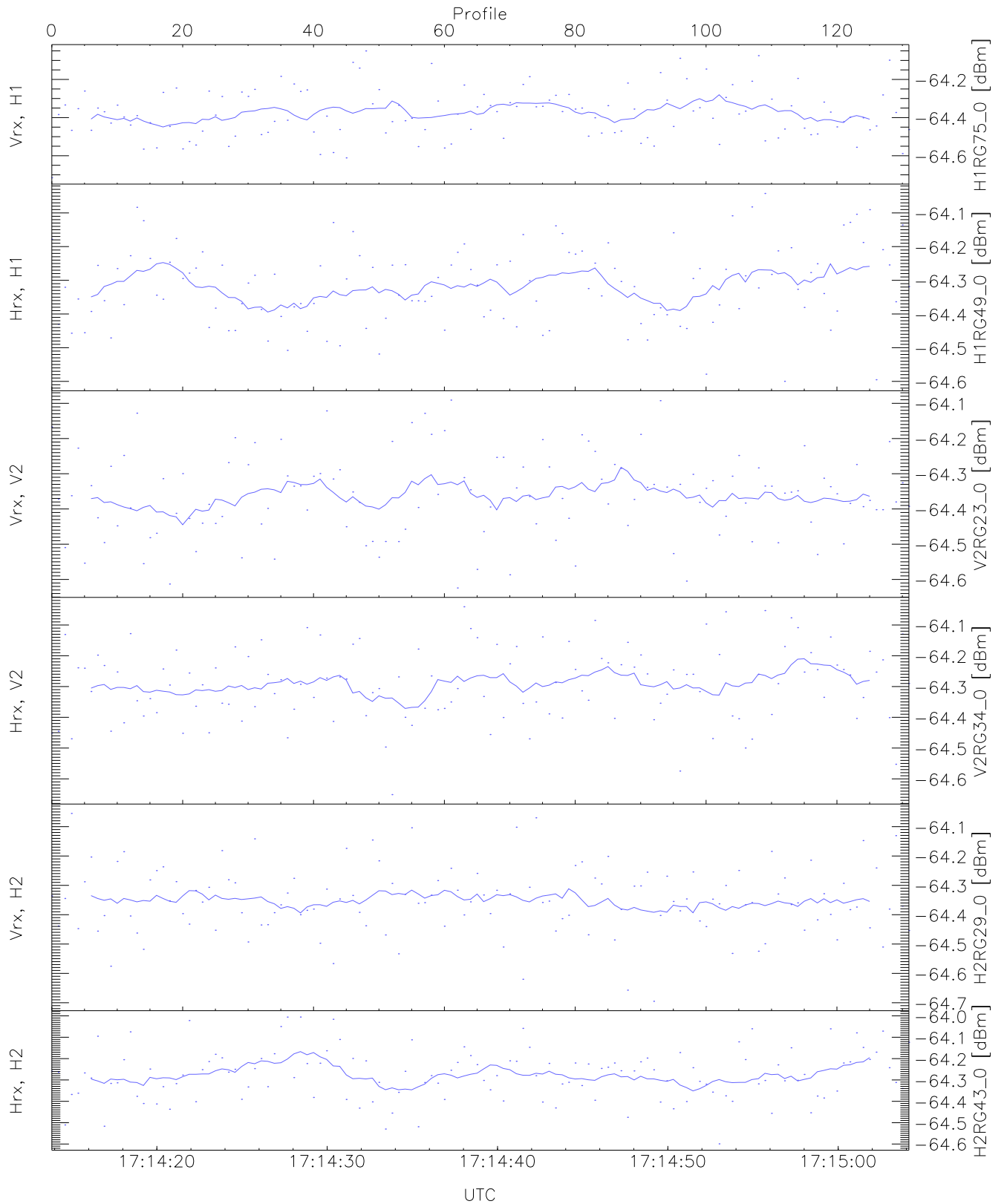
WCR3 FF3 Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, H1 (HL [dBm])	-64.33	-63.60	-63.99	-63.99	-79.21
Hrx, H1 (HL [dBm])	-64.08	-63.54	-63.82	-63.82	-79.68
Vrx, V2 (HL [dBm])	-64.27	-63.62	-63.99	-63.99	-79.54
Hrx, V2 (HL [dBm])	-64.17	-63.47	-63.82	-63.82	-79.20
Vrx, H2 (HL [dBm])	-64.27	-63.70	-63.98	-63.99	-79.42
Hrx, H2 (HL [dBm])	-64.12	-63.49	-63.82	-63.82	-79.54



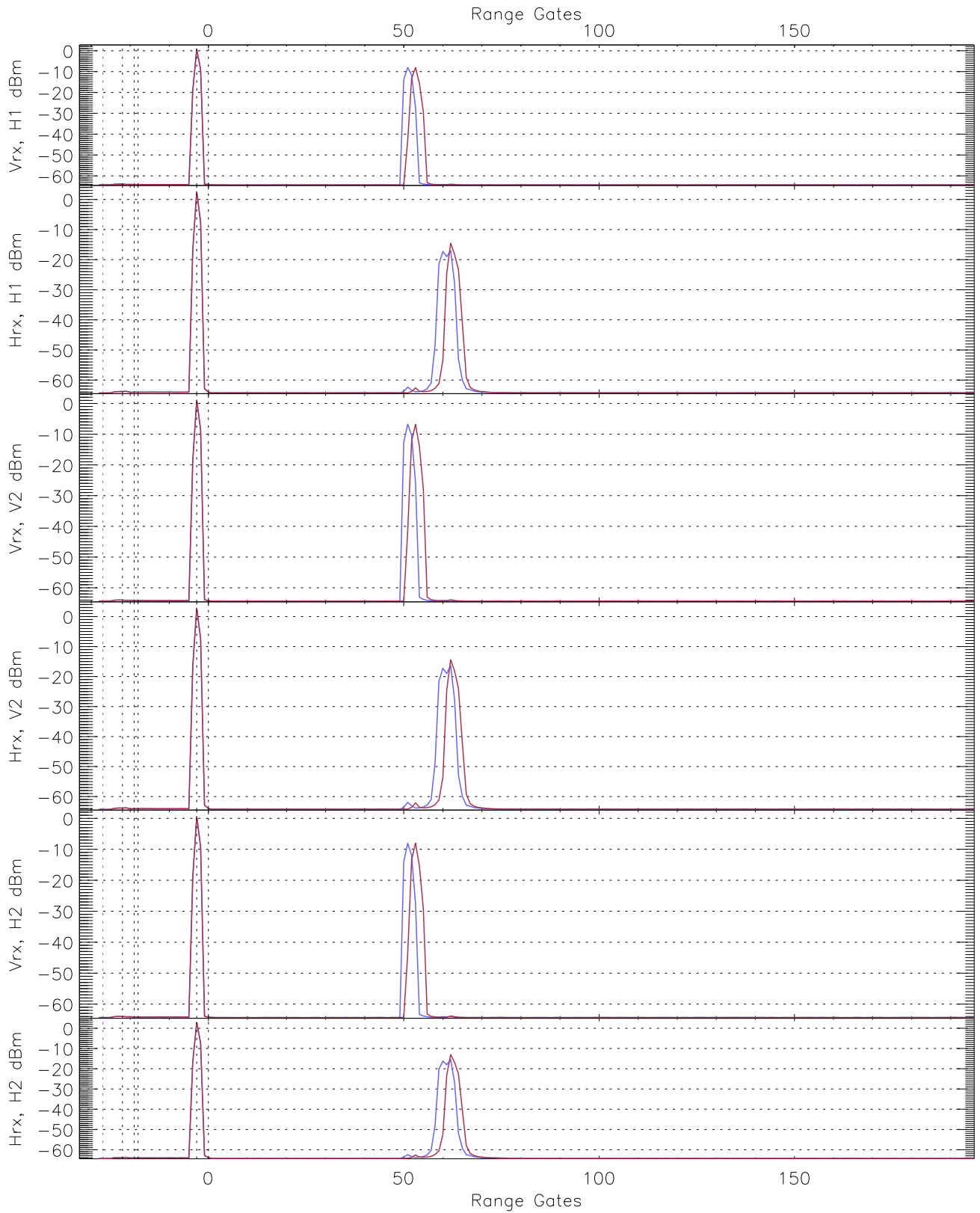
WCR3 FF3 Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, H1 (RM [dBm])	-64.64	-64.05	-64.29	-64.28	-80.33
Hrx, H1 (RM [dBm])	-64.71	-64.05	-64.31	-64.31	-80.05
Vrx, V2 (RM [dBm])	-64.75	-63.97	-64.31	-64.30	-79.54
Hrx, V2 (RM [dBm])	-64.61	-63.99	-64.29	-64.30	-79.85
Vrx, H2 (RM [dBm])	-64.60	-64.06	-64.33	-64.33	-80.07
Hrx, H2 (RM [dBm])	-64.55	-64.00	-64.27	-64.28	-80.11

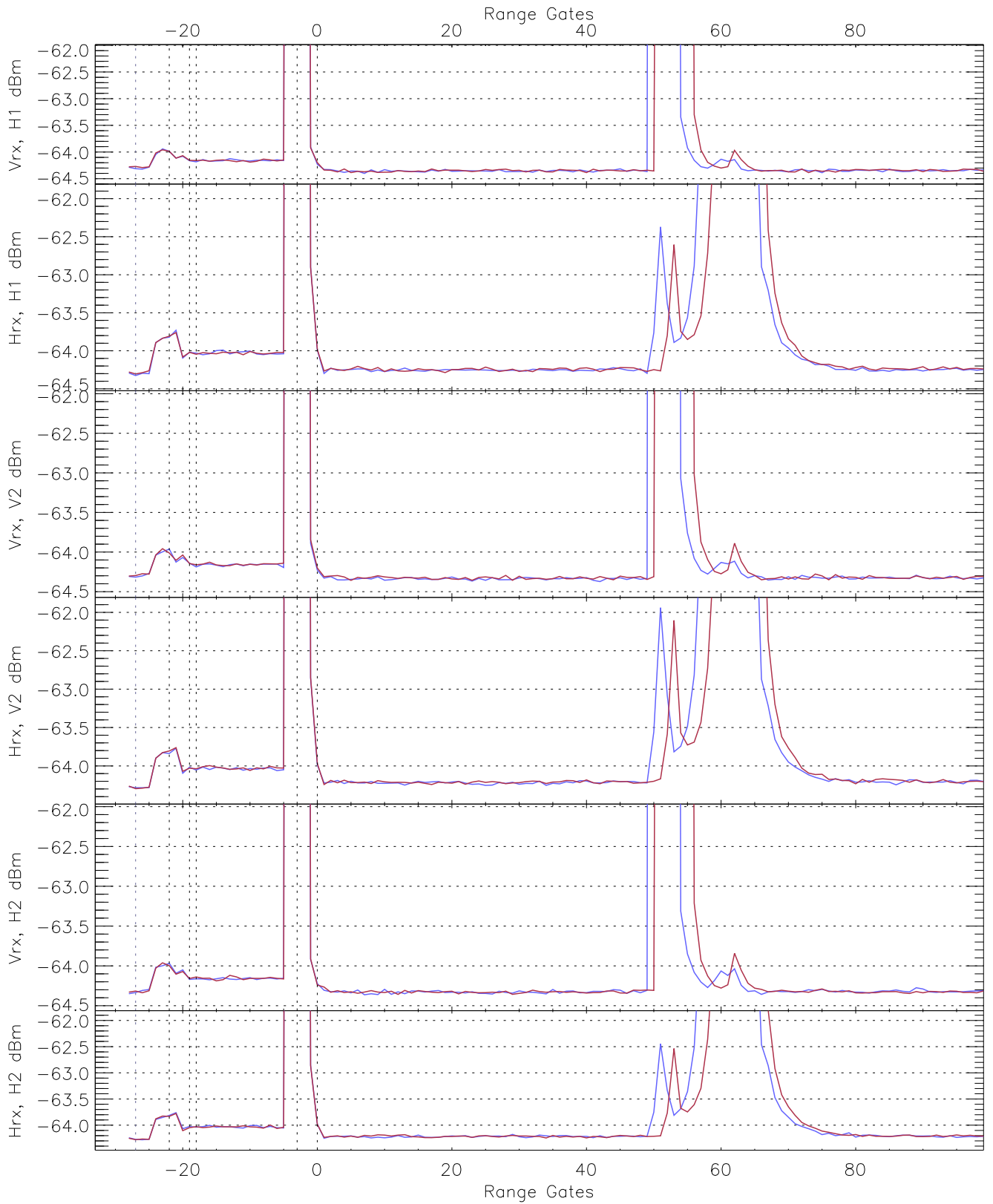


WCR3 FF3 "Best" estimate Receivers Noise Power

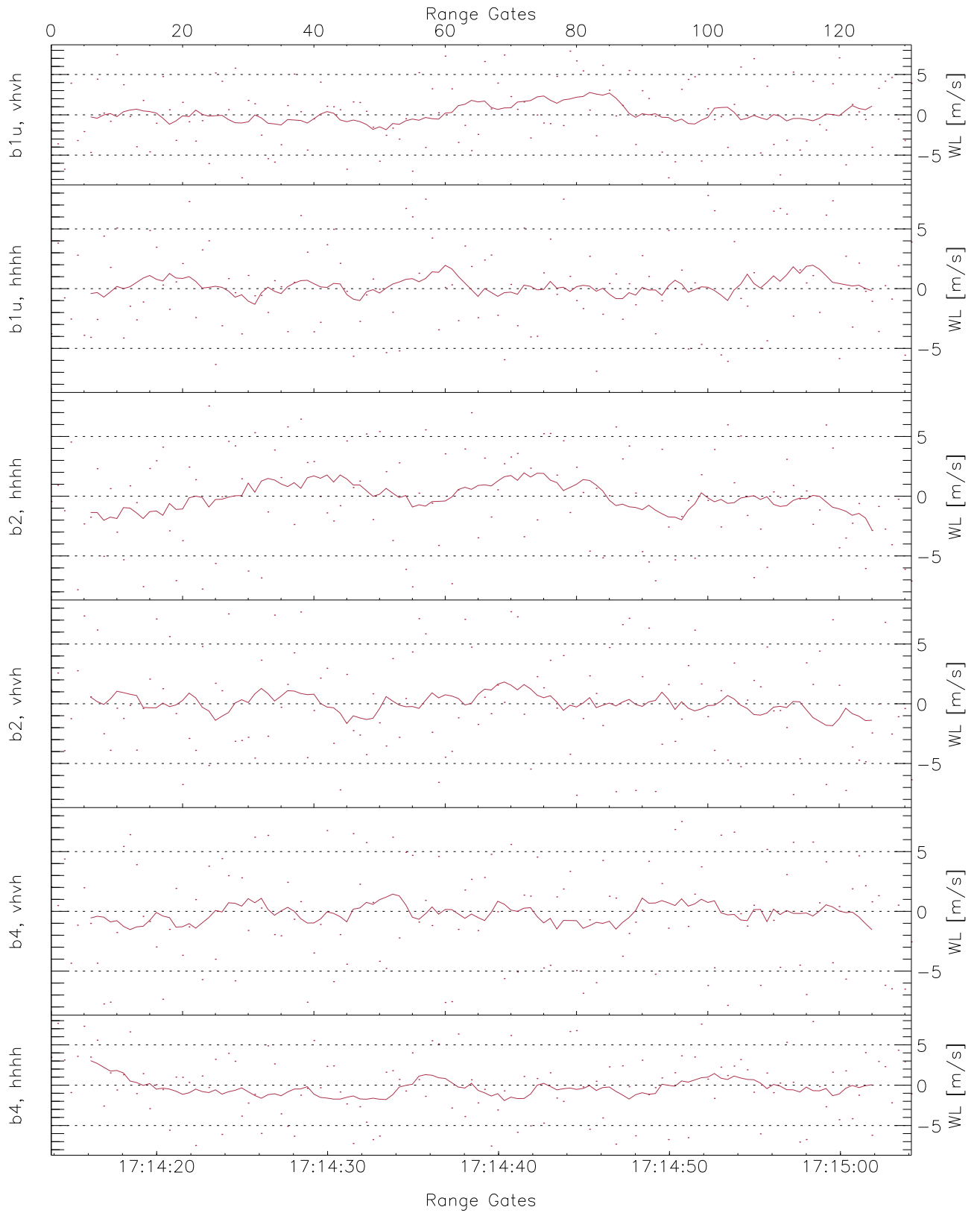
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-64.72	-64.05	-64.38	-64.38	-79.65
H1RG49_0 [dBm]	-64.60	-64.04	-64.31	-64.32	-80.05
V2RG23_0 [dBm]	-64.62	-64.09	-64.36	-64.36	-80.05
V2RG34_0 [dBm]	-64.65	-64.04	-64.29	-64.29	-79.94
H2RG29_0 [dBm]	-64.70	-64.06	-64.35	-64.36	-80.12
H2RG43_0 [dBm]	-64.60	-64.01	-64.27	-64.27	-79.90



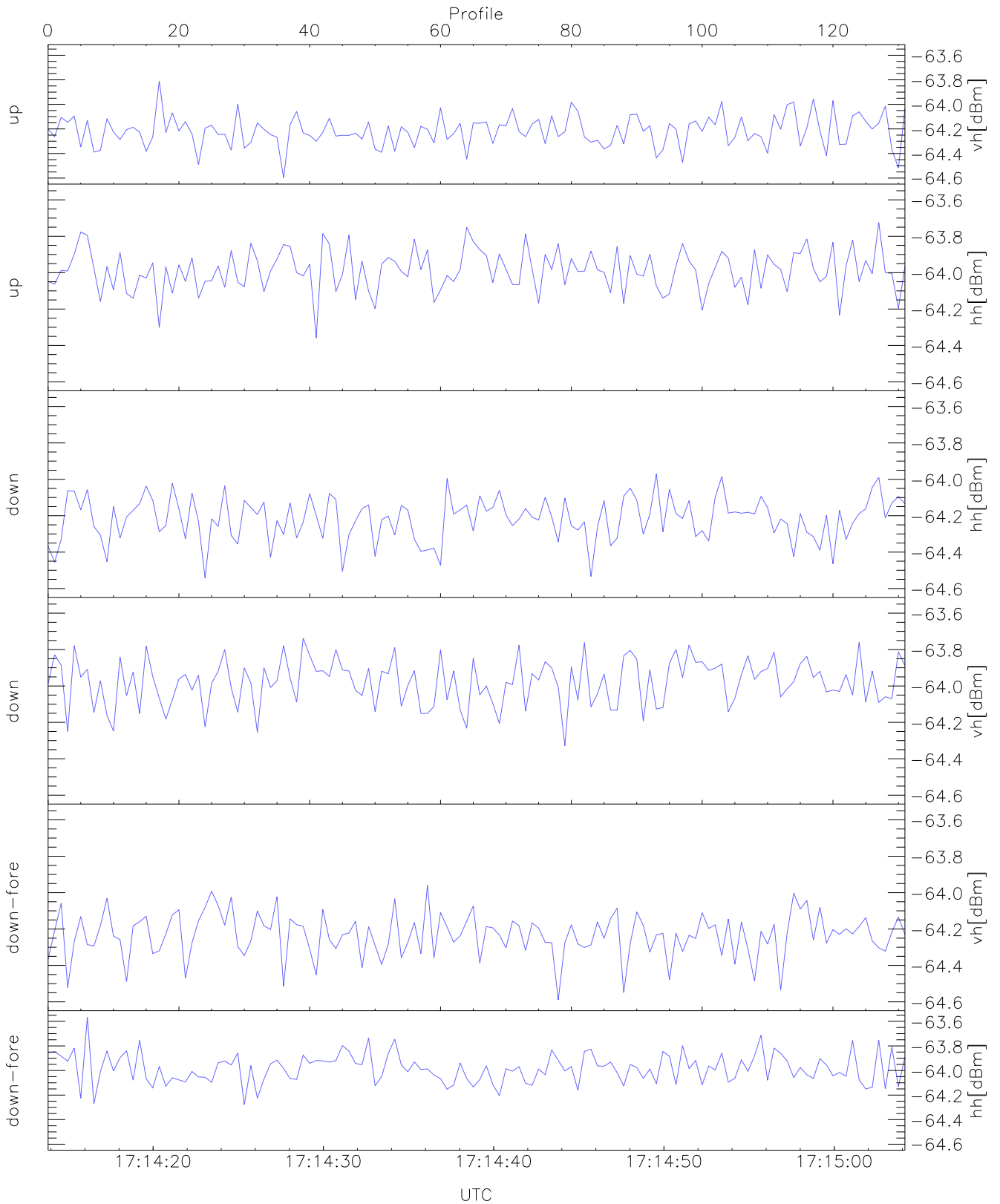
WCR3 FF3 Averaged Received power for all recorded gates
blue: 171414-171439, 67 profiles averaged
red: 171439-171504, 66 profiles averaged



WCR3 FF3 Averaged Received power for the negative gates and up to 100 gate
 blue: 171414-171439, 67 profiles averaged
 red: 171439-171504, 66 profiles averaged

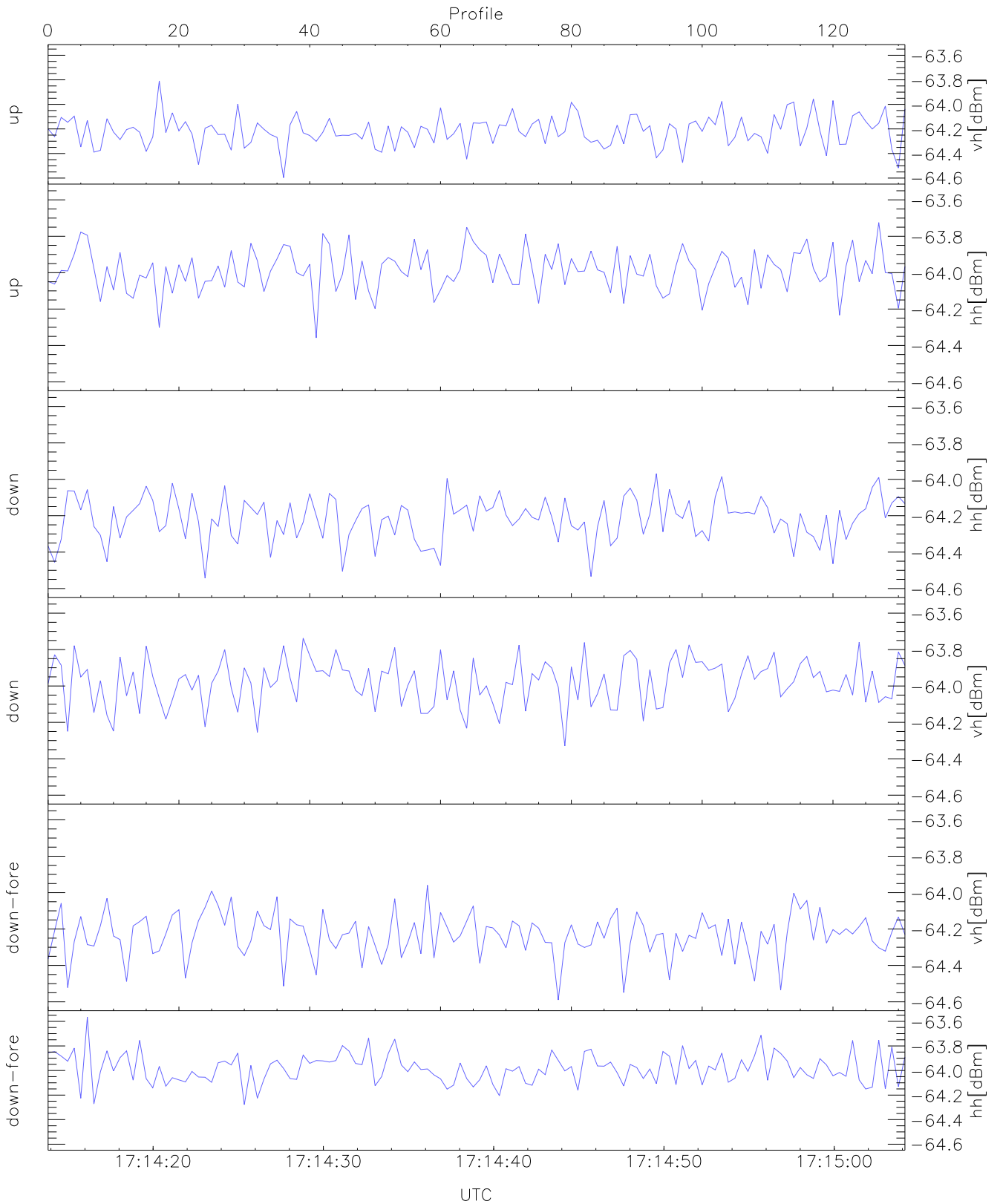


WCR3 FF3 Receivers Phase Noise (in m/s) from the Warm Loads Measurements



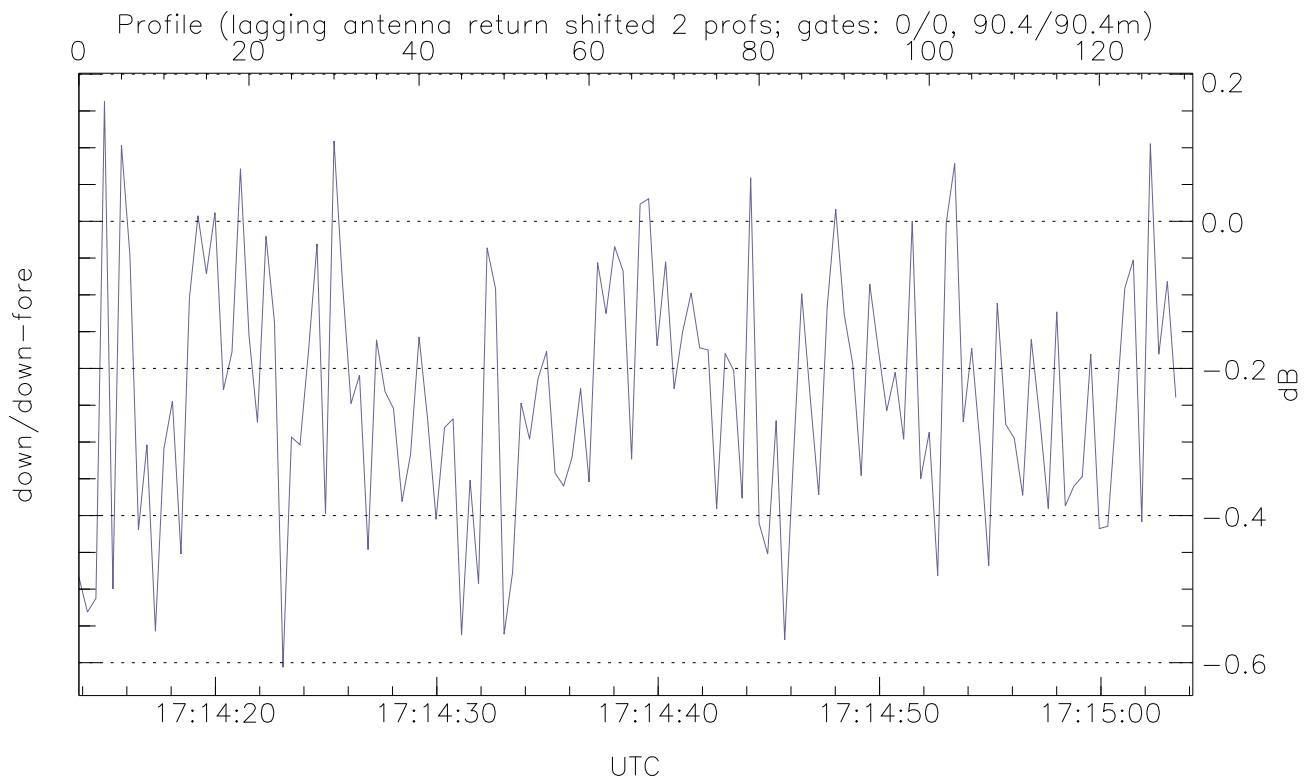
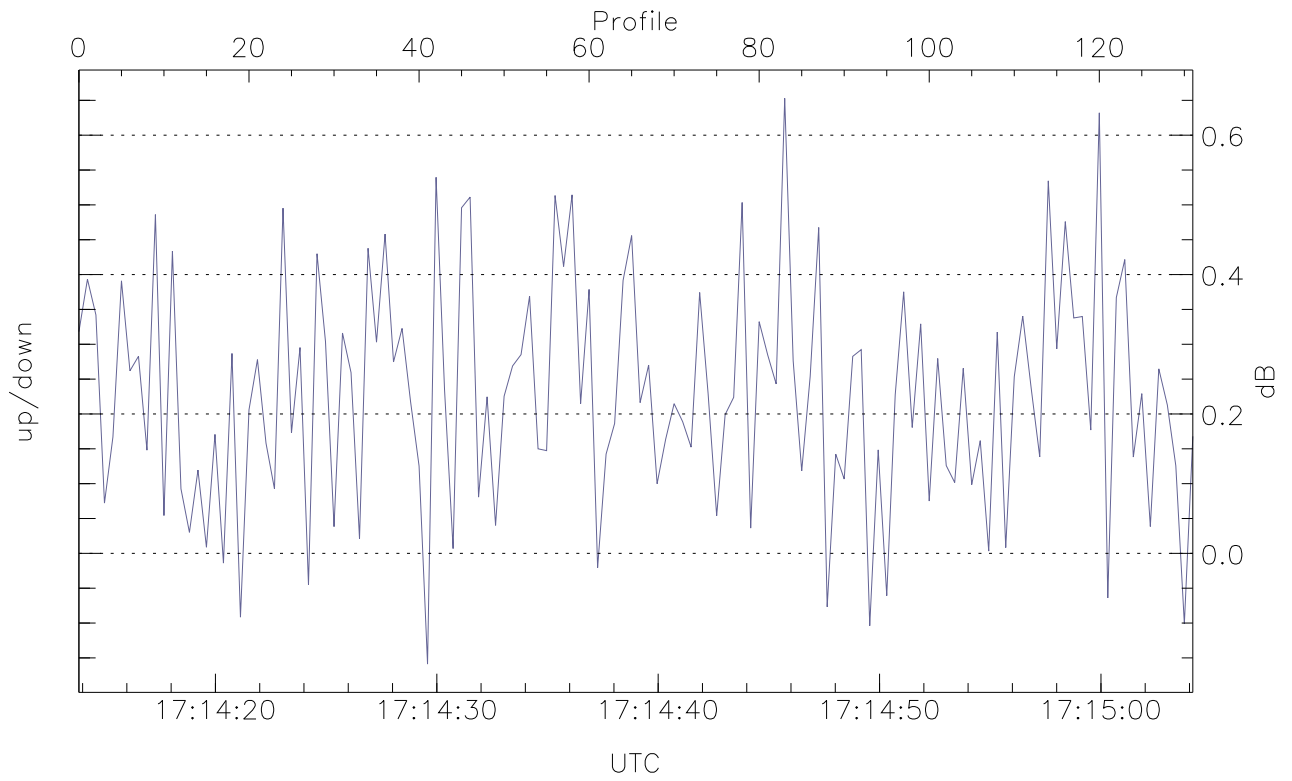
WCR3 FF3 Received Power Products for Range gate 0 (90.4 m)

	Min	Max	Mean
up(vh[dBm])	-64.60	-63.81	-64.21
up(hh[dBm])	-64.36	-63.72	-63.99
down(hh[dBm])	-64.54	-63.97	-64.22
down(vh[dBm])	-64.33	-63.74	-63.98
down-fore(vh[dBm])	-64.59	-63.96	-64.23
down-fore(hh[dBm])	-64.28	-63.56	-63.98



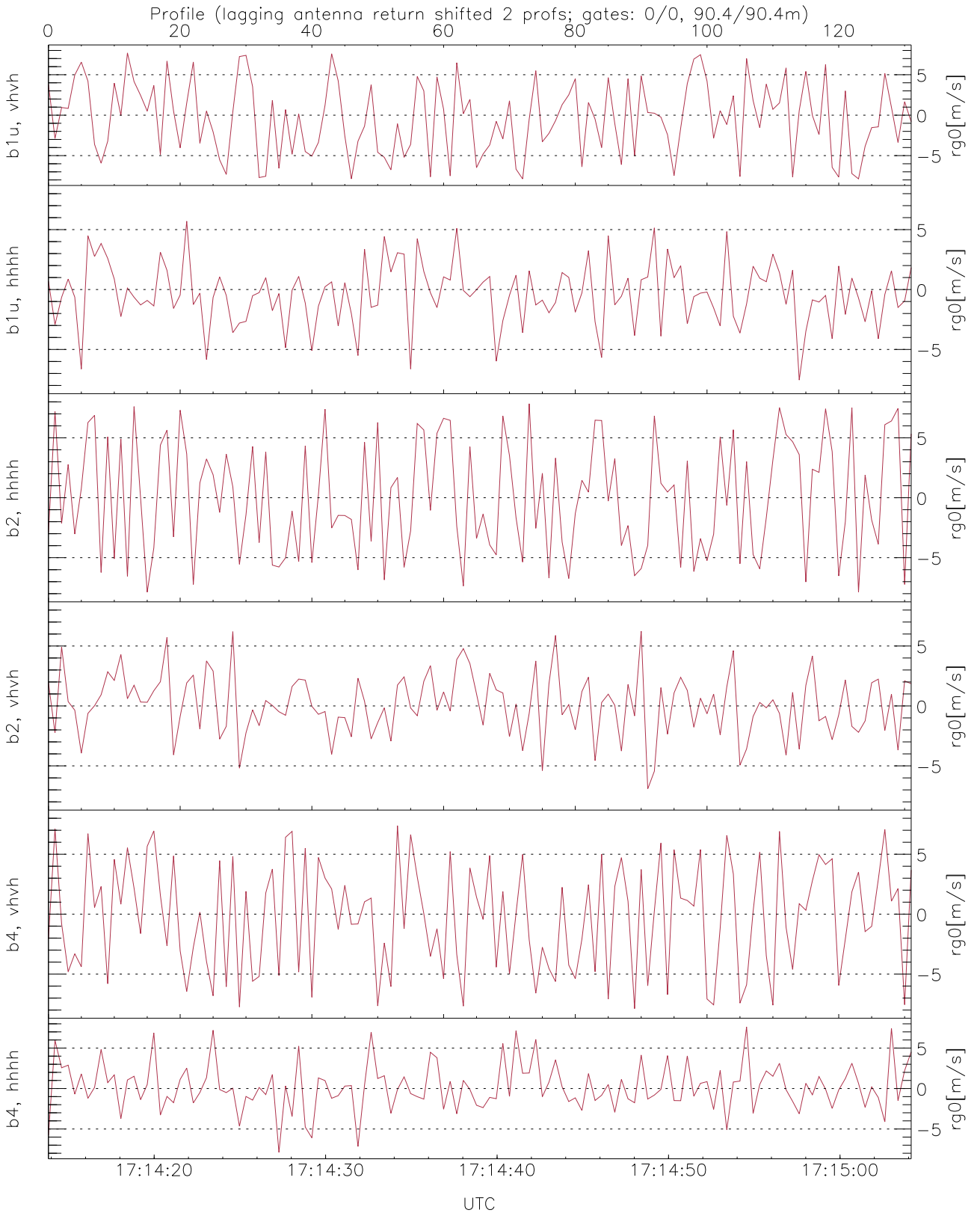
WCR3 FF3 Power Products(psdmom0) for Range gate 0 (90.4 m)

	Min	Max	Mean
up(vh[dBm])	-64.60	-63.81	-64.21
up(hh[dBm])	-64.36	-63.72	-63.99
down(hh[dBm])	-64.54	-63.97	-64.22
down(vh[dBm])	-64.33	-63.74	-63.98
down-fore(vh[dBm])	-64.59	-63.96	-64.23
down-fore(hh[dBm])	-64.28	-63.56	-63.98



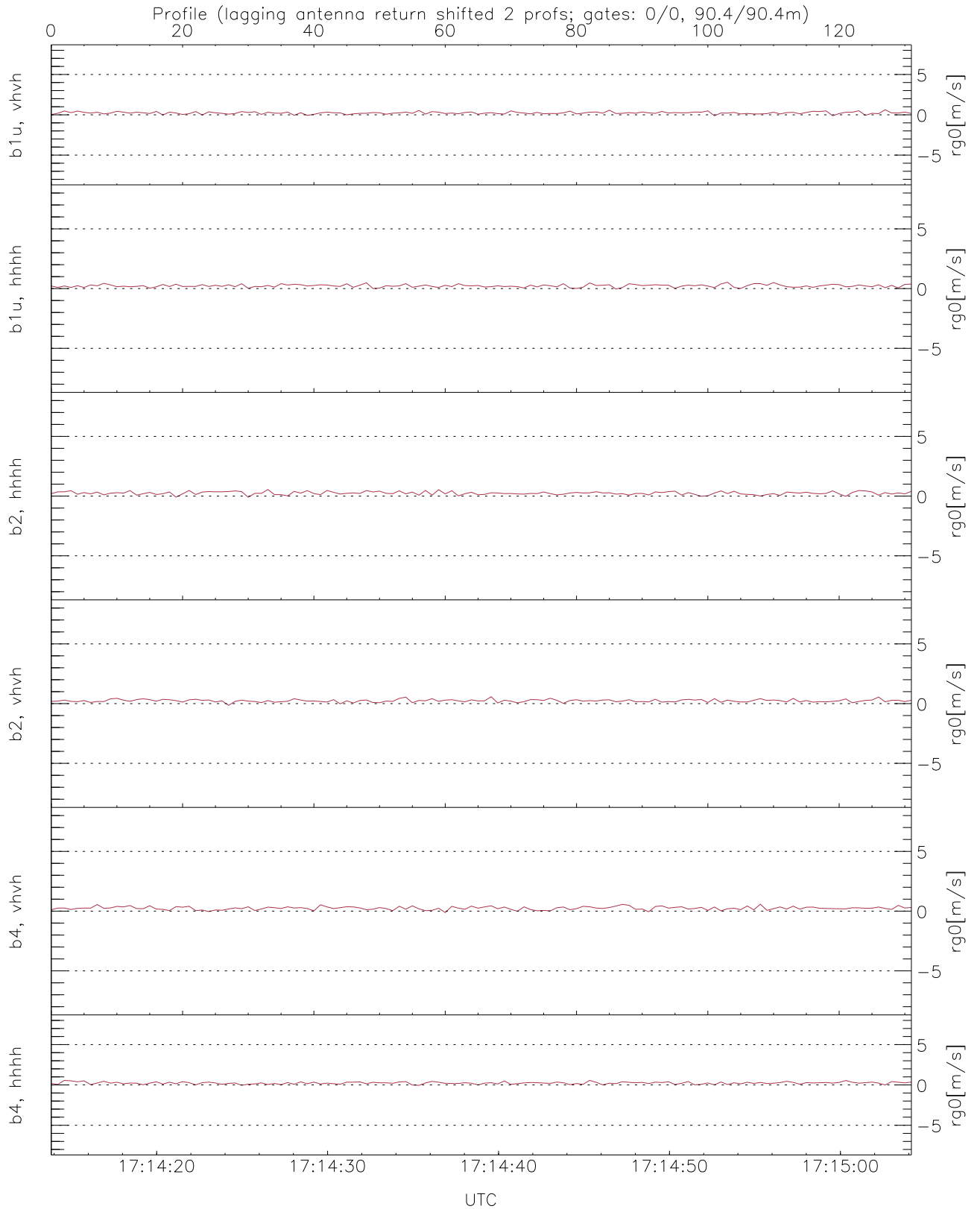
WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (90 m)

	Min	Max	Mean
up/down (dB)	-0.16	0.65	0.23
down/down-fore (dB)	-0.61	0.16	-0.23



WCR3 FF3 Doppler Velocity Products at 90.4 m range

	Min	Max	Mean	StDev
b1u, vvh(rg0[m/s])	-7.88	7.69	-0.43	4.47
b1u, hhhh(rg0[m/s])	-7.55	5.70	-0.38	2.61
b2, hhhh(rg0[m/s])	-7.88	7.84	0.07	4.77
b2, vvh(rg0[m/s])	-6.92	6.24	0.12	2.59
b4, vvh(rg0[m/s])	-7.88	7.38	-0.22	4.49
b4, hhhh(rg0[m/s])	-7.89	7.61	0.23	2.92



WCR3 FF3 Doppler Velocity Products (psdmom1) at 90.4 m range

	Min	Max	Mean	StDev
b1u, vvhv(rg0[m/s])	-0.12	0.63	0.24	0.14
b1u, hhhh(rg0[m/s])	-0.03	0.53	0.23	0.12
b2, hhhh(rg0[m/s])	-0.09	0.55	0.25	0.13
b2, vvhv(rg0[m/s])	-0.15	0.58	0.24	0.11
b4, vvhv(rg0[m/s])	-0.12	0.58	0.25	0.14
b4, hhhh(rg0[m/s])	-0.05	0.57	0.24	0.13