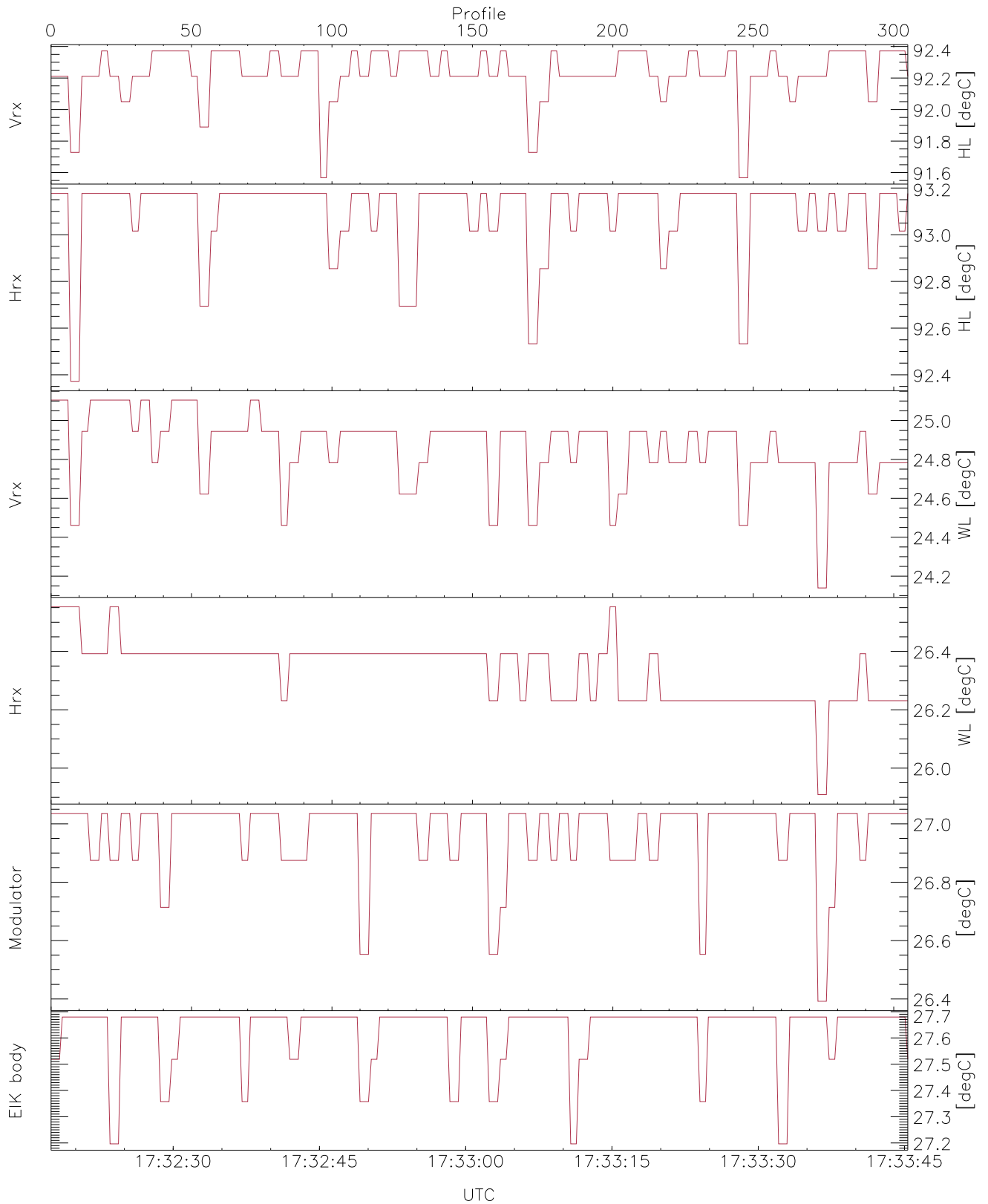


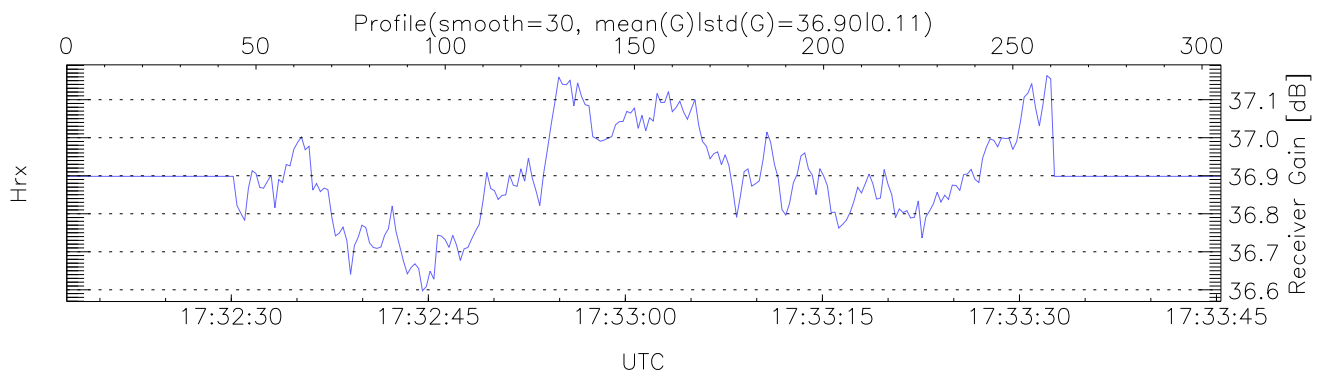
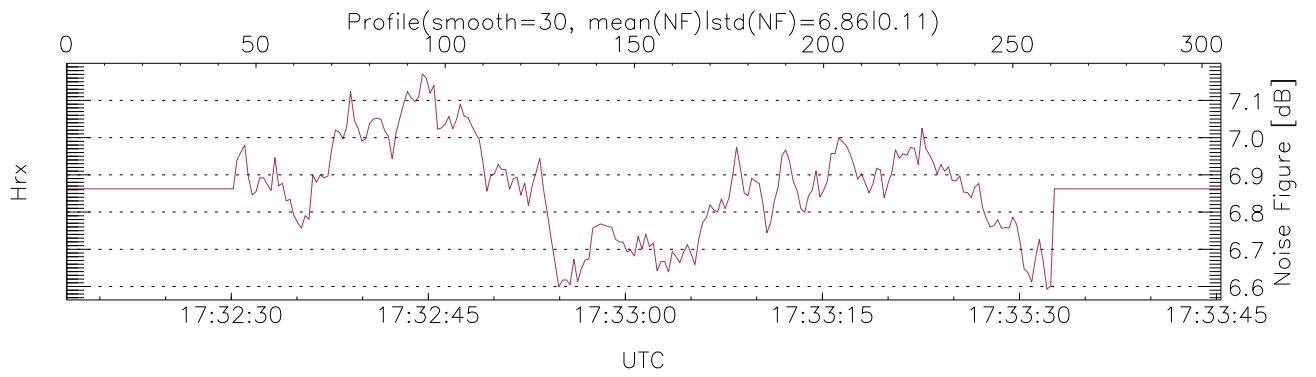
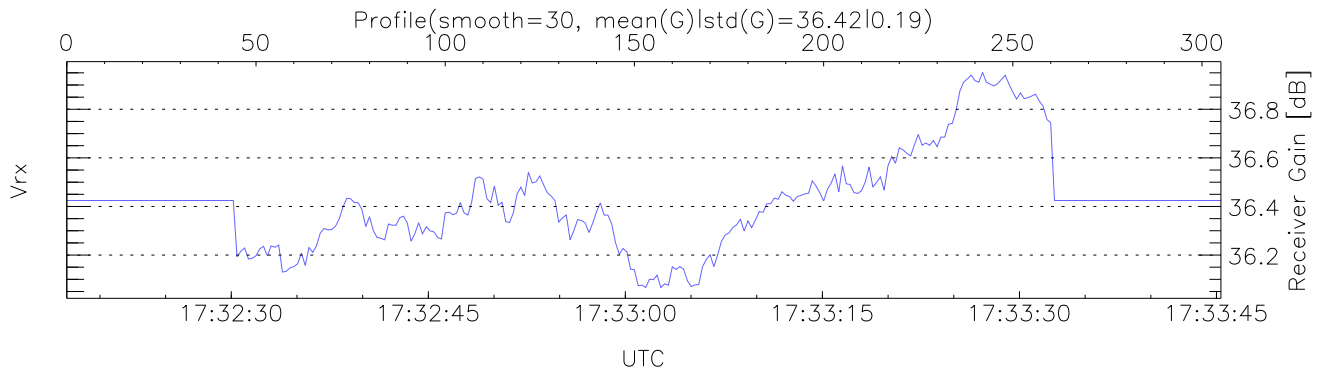
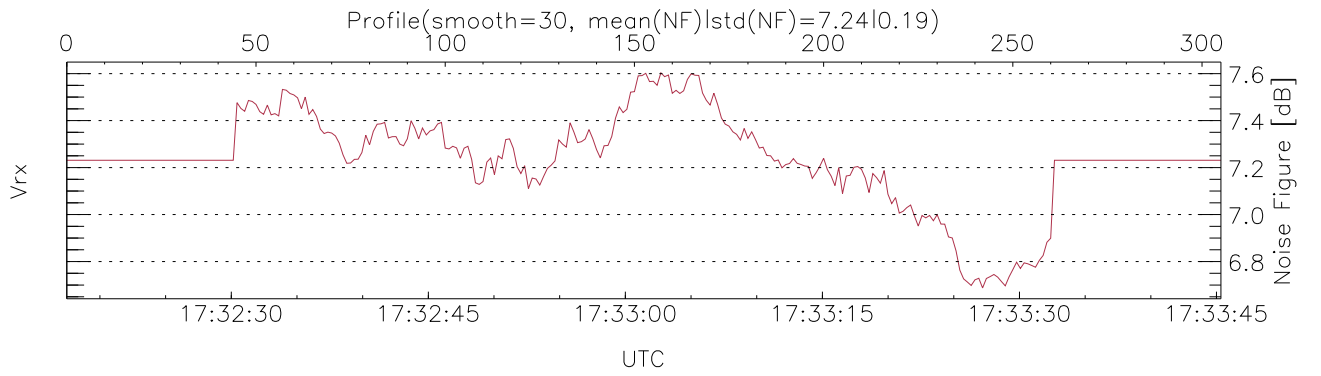
WCR3 FF3 Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:32:17-17:33:45, TimeCor: 0.00s, Dur: 87.86s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 288.1,288.1,288.1,0.0 ms / 3.5,3.5,3.5
 NumRec(r/t): 306/306, 0-305/17:32:17-17:33:45
 AcqTime: 288.0ms, Rate: 0.585MB/s, Averages (req.,actual): 30,30
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H2 V2
 PRF: 10.0 10.0 10.0 10.0 10.0 10.0 KHz, IGS: 100us
 Range(min,max,rqs): 90, 5973, 30.0 m, Gates: 197, Aspect: 1.2
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1
 FFTlen: 32, FFTwin: rectangular, # averagedFFT: 30, cr-polFFT: YES
 FFTres: 0.493,0.493,0.493,0.493,0.493,0.493 m/s, PulsePairCalc: NO



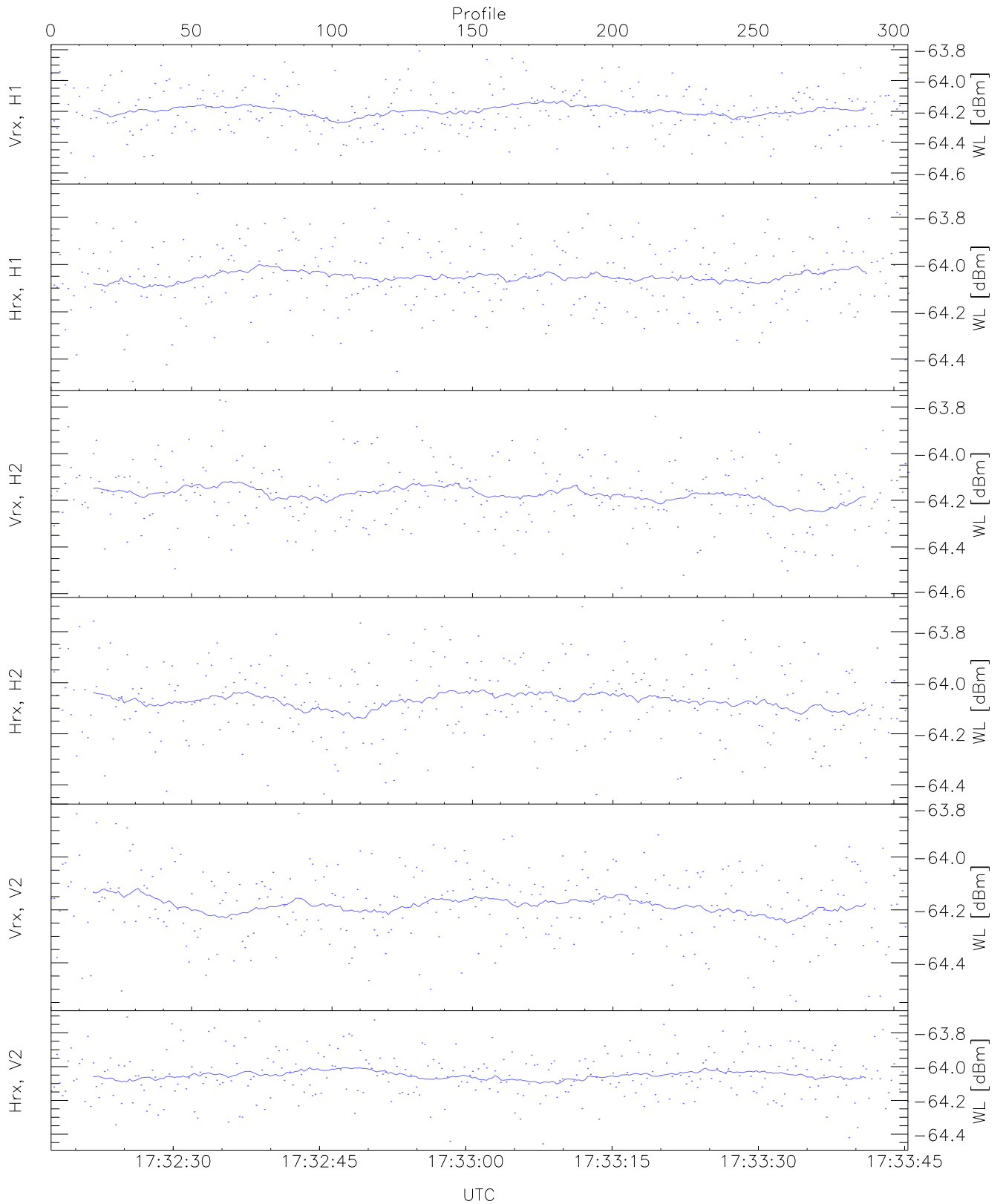
WCR3 FF3 Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,25,26,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,27,27
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



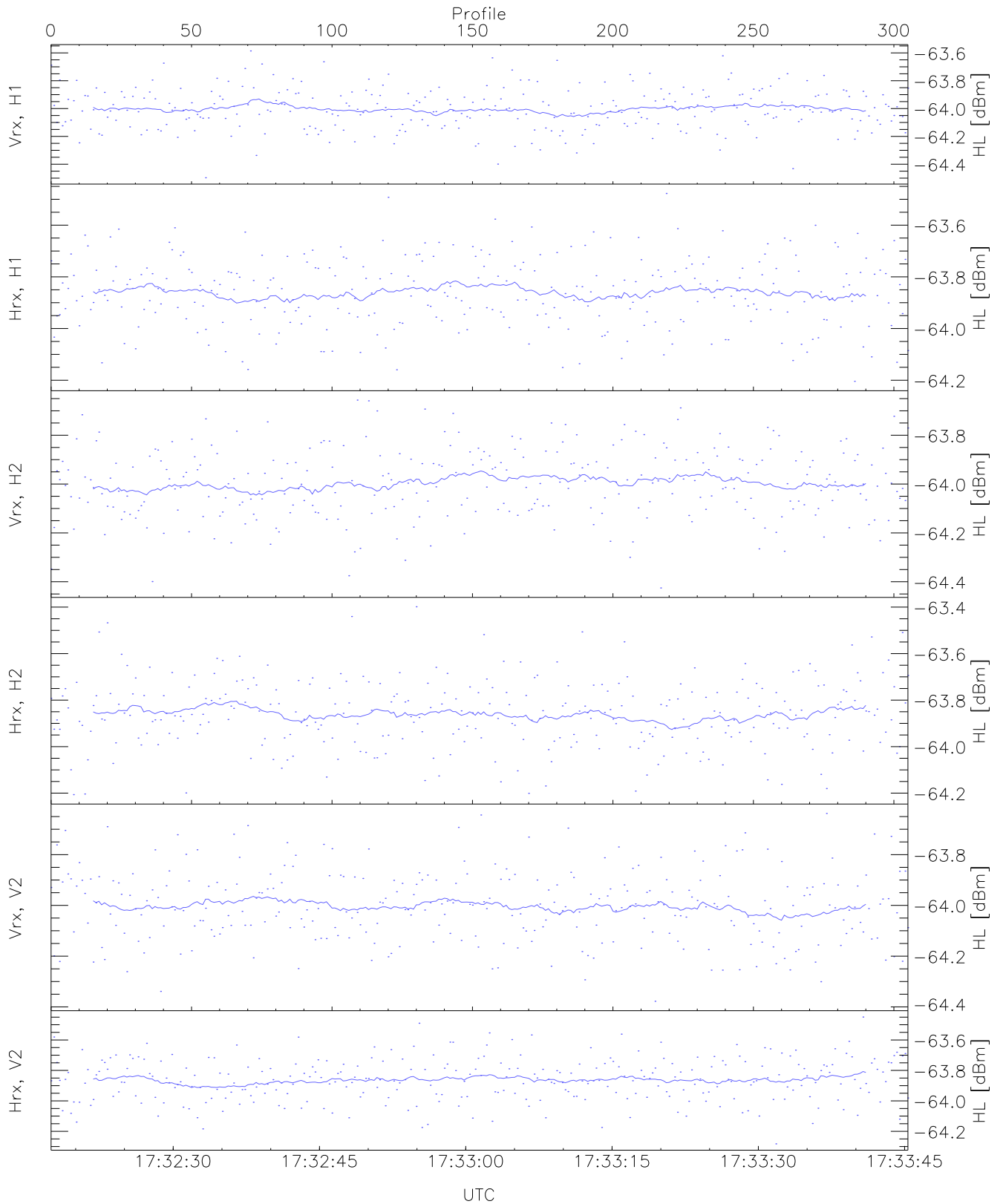
WCR3 FF3 Receivers Gain and Noise Figure

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



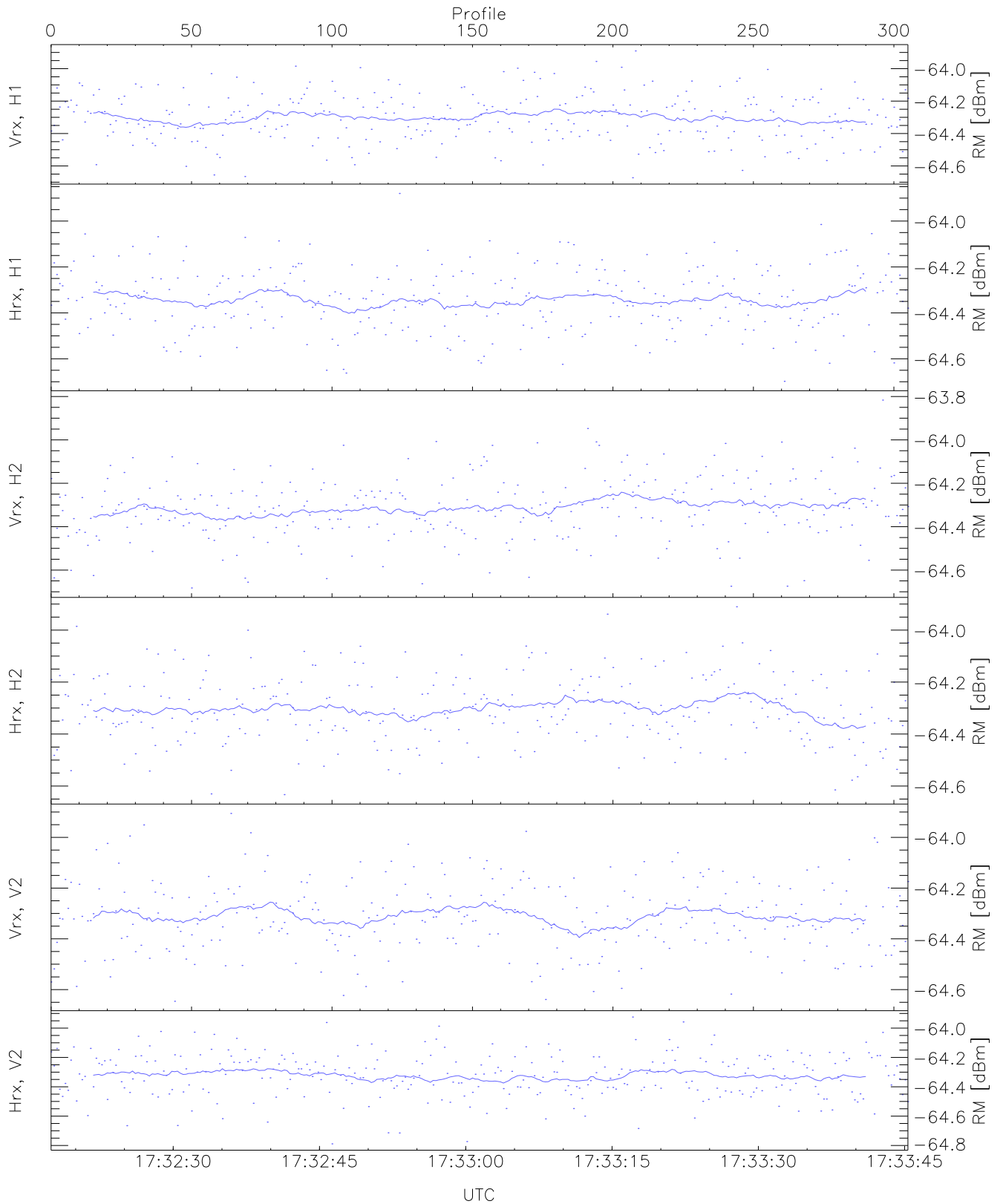
WCR3 FF3 Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, H1 (WL [dBm])	-64.63	-63.81	-64.19	-64.20	-79.01
Hrx, H1 (WL [dBm])	-64.49	-63.70	-64.05	-64.06	-78.91
Vrx, H2 (WL [dBm])	-64.58	-63.77	-64.17	-64.17	-79.15
Hrx, H2 (WL [dBm])	-64.44	-63.70	-64.07	-64.07	-78.92
Vrx, V2 (WL [dBm])	-64.55	-63.84	-64.18	-64.17	-79.17
Hrx, V2 (WL [dBm])	-64.46	-63.71	-64.05	-64.06	-79.12



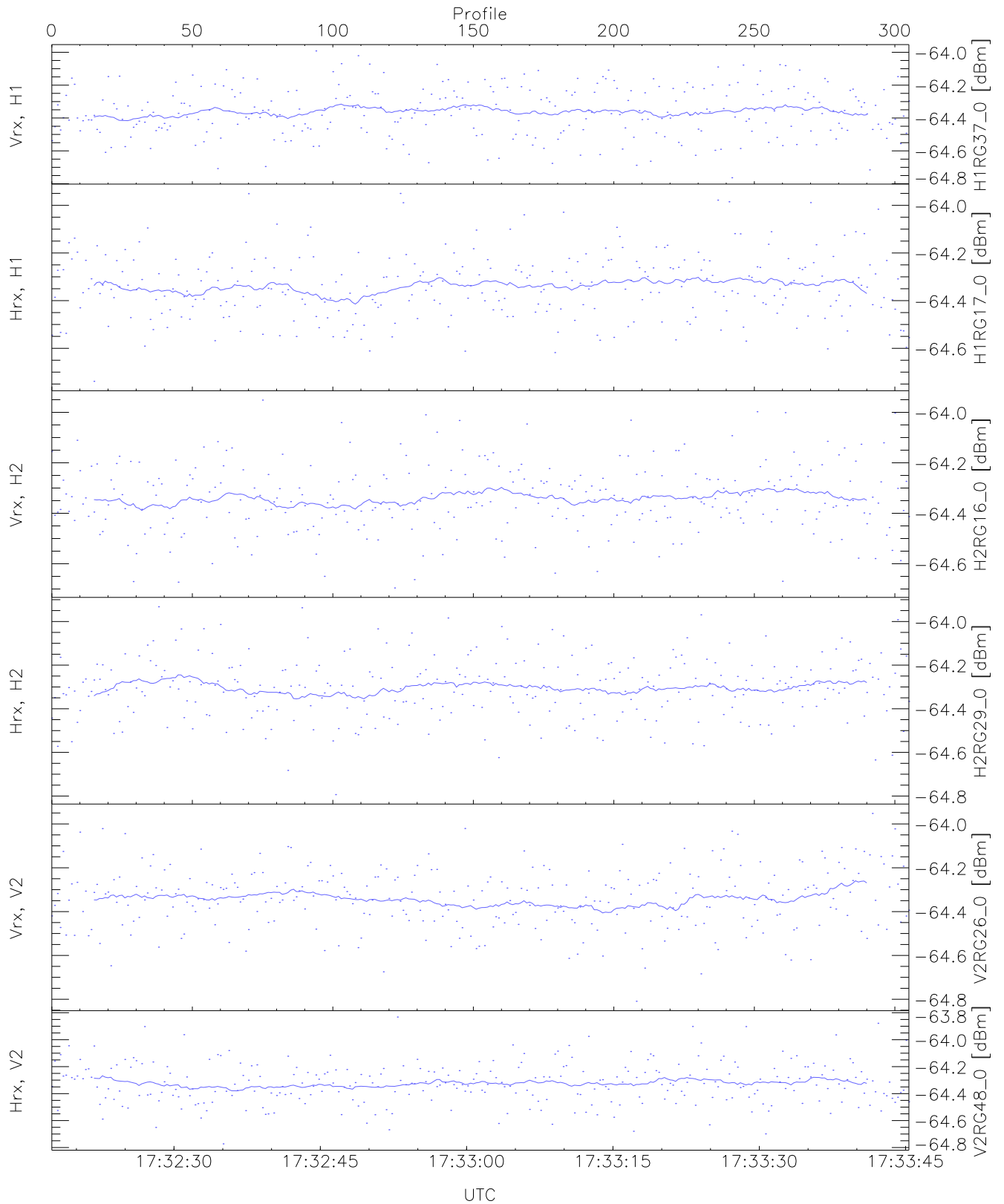
WCR3 FF3 Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, H1 (HL [dBm])	-64.50	-63.59	-64.00	-64.01	-78.71
Hrx, H1 (HL [dBm])	-64.20	-63.48	-63.86	-63.86	-78.95
Vrx, H2 (HL [dBm])	-64.43	-63.66	-64.00	-64.00	-78.87
Hrx, H2 (HL [dBm])	-64.21	-63.40	-63.86	-63.86	-78.56
Vrx, V2 (HL [dBm])	-64.38	-63.64	-64.00	-64.01	-78.91
Hrx, V2 (HL [dBm])	-64.28	-63.45	-63.86	-63.86	-78.80



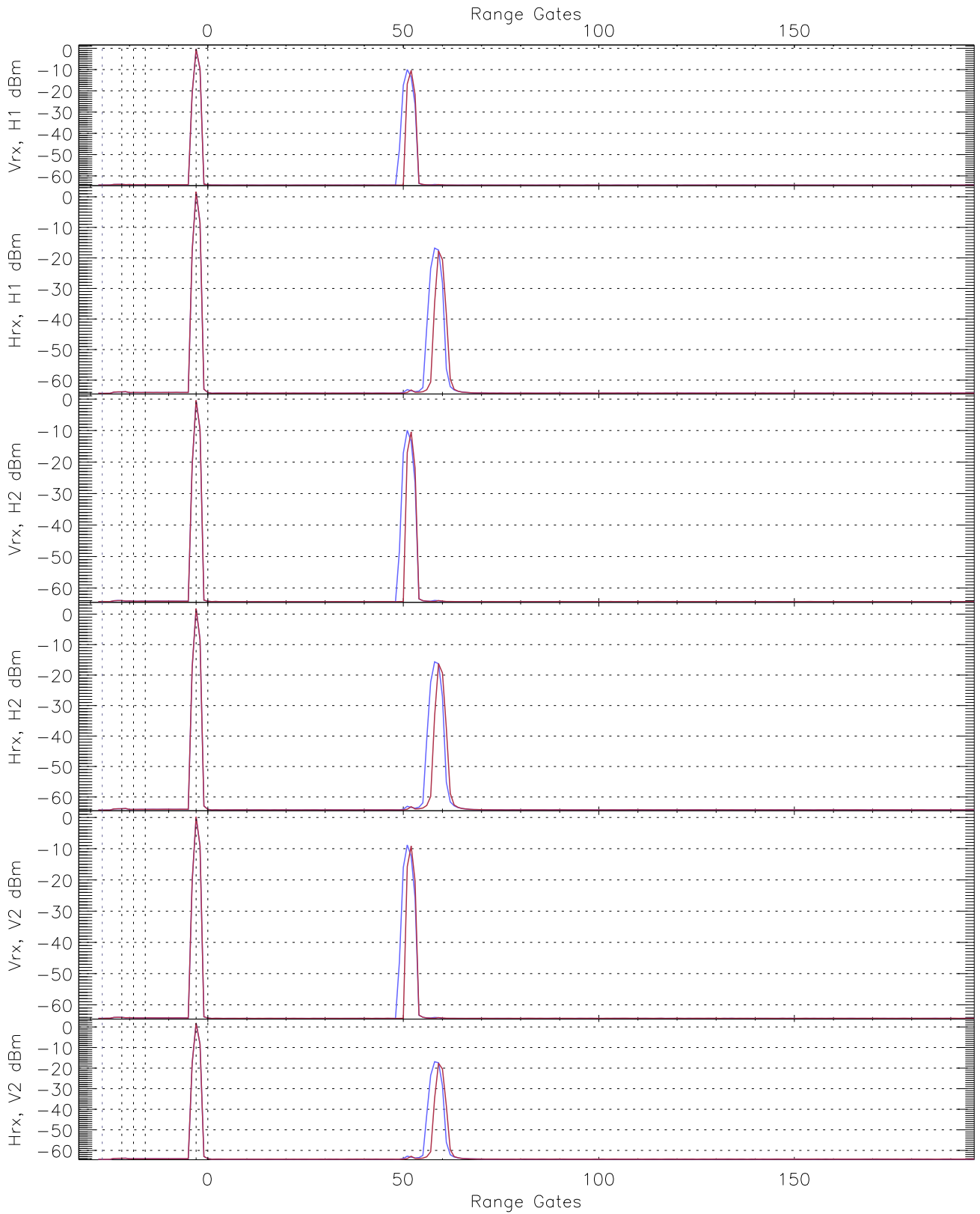
WCR3 FF3 Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, H1 (RM [dBm])	-64.67	-63.89	-64.30	-64.30	-79.05
Hrx, H1 (RM [dBm])	-64.70	-63.88	-64.34	-64.34	-79.39
Vrx, H2 (RM [dBm])	-64.68	-63.82	-64.31	-64.31	-79.12
Hrx, H2 (RM [dBm])	-64.63	-63.91	-64.30	-64.32	-79.54
Vrx, V2 (RM [dBm])	-64.65	-63.91	-64.31	-64.32	-79.30
Hrx, V2 (RM [dBm])	-64.79	-63.92	-64.32	-64.32	-79.03

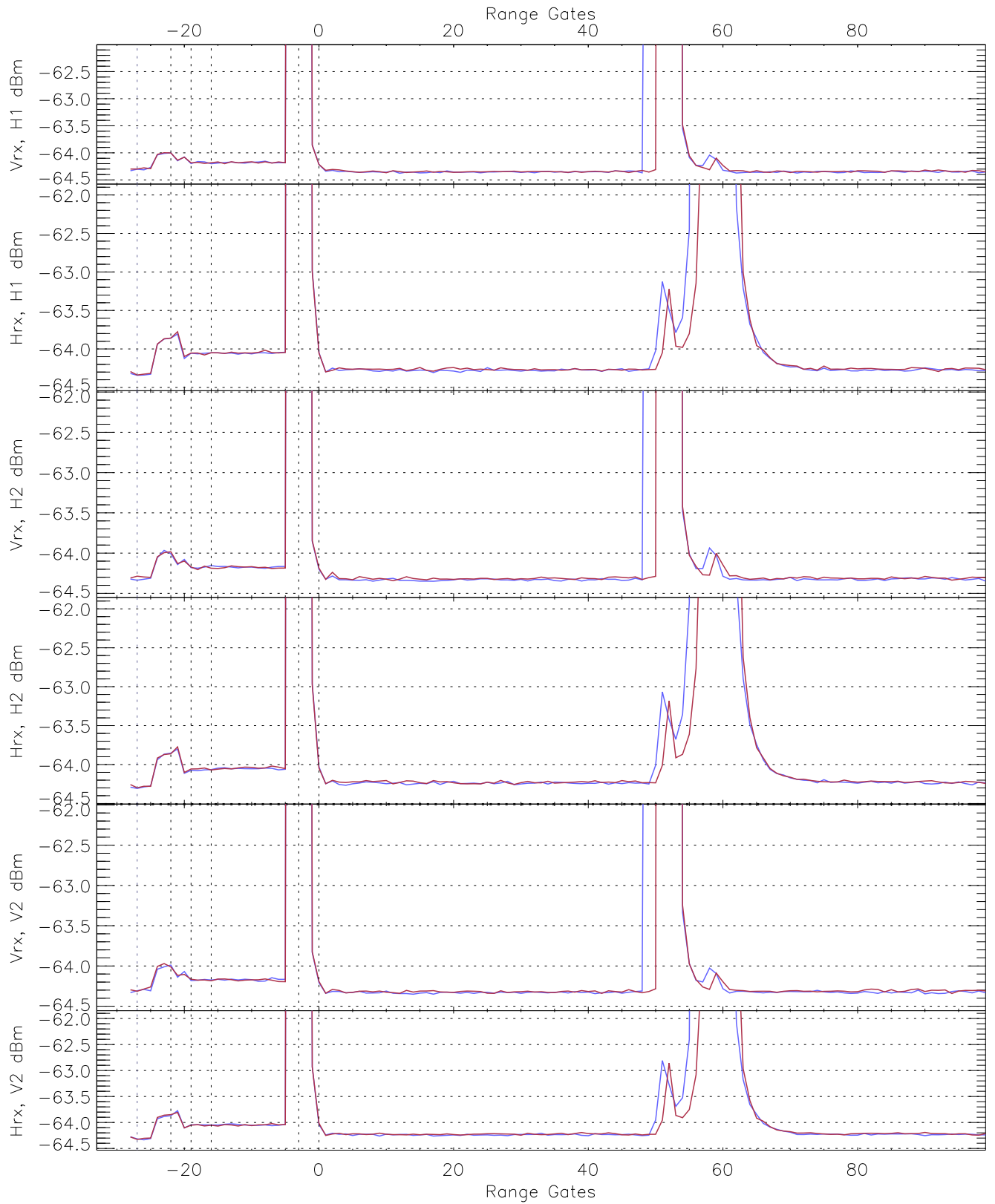


WCR3 FF3 "Best" estimate Receivers Noise Power

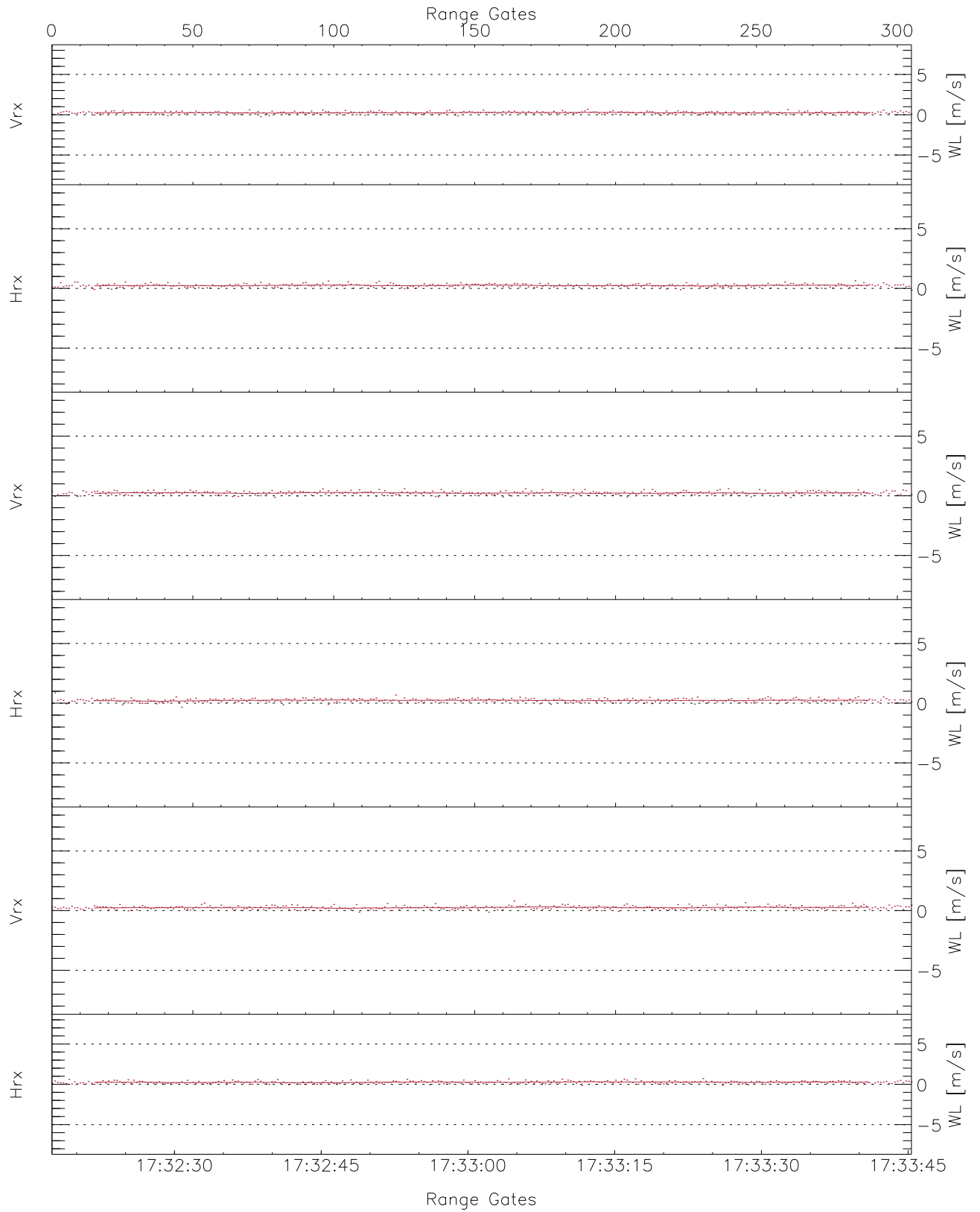
	Min	Max	Mean	Median	StDev
H1RG37_0 [dBm]	-64.76	-63.99	-64.36	-64.37	-79.04
H1RG17_0 [dBm]	-64.74	-63.95	-64.34	-64.35	-79.34
H2RG16_0 [dBm]	-64.70	-63.95	-64.34	-64.35	-79.40
H2RG29_0 [dBm]	-64.79	-63.93	-64.30	-64.30	-79.23
V2RG26_0 [dBm]	-64.81	-63.95	-64.34	-64.34	-79.31
V2RG48_0 [dBm]	-64.77	-63.83	-64.32	-64.33	-78.83



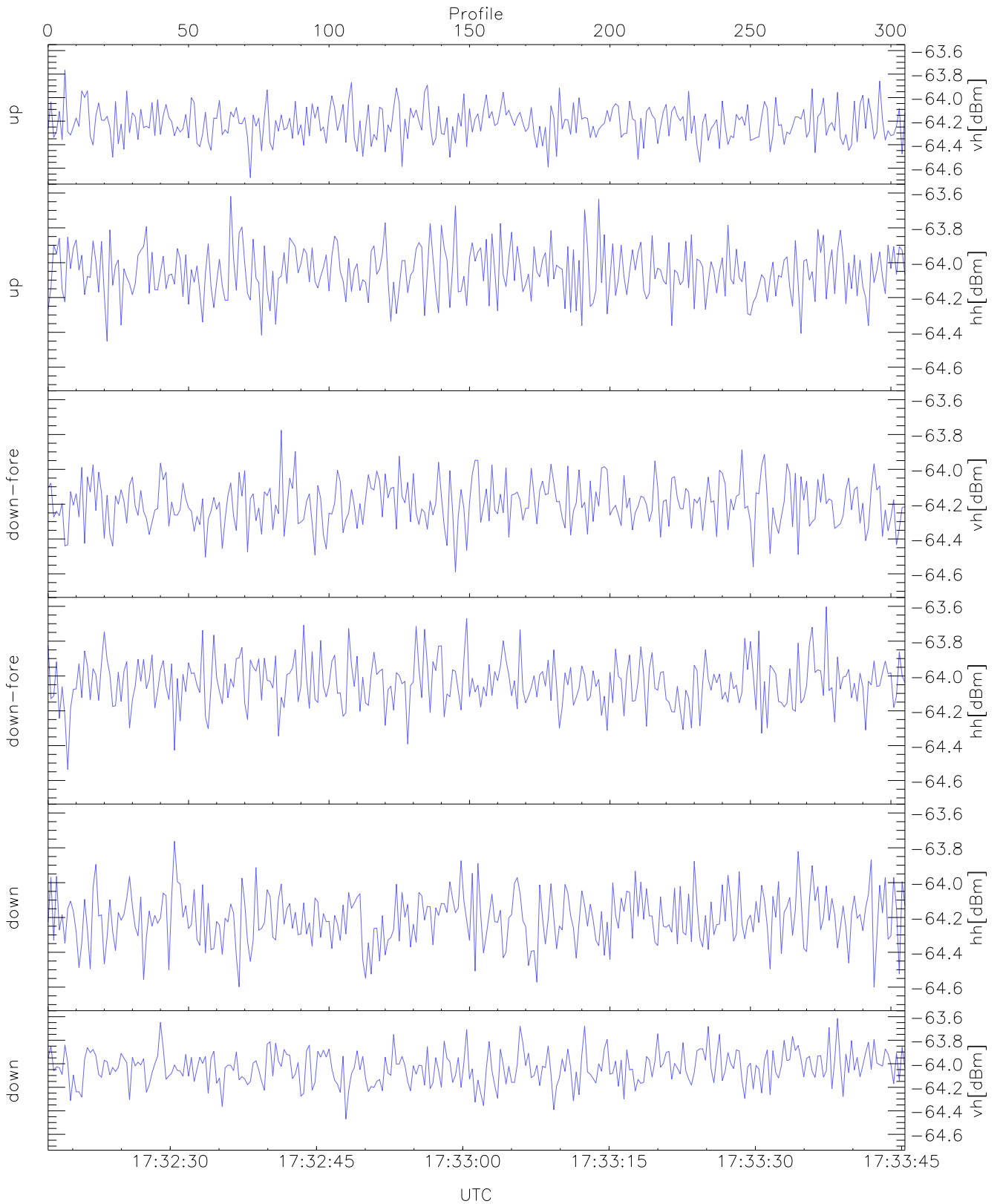
WCR3 FF3 Averaged Received power for all recorded gates
 blue: 173217-173301, 154 profiles averaged
 red: 173301-173345, 153 profiles averaged



WCR3 FF3 Averaged Received power for the negative gates and up to 100 gate
blue: 173217-173301, 154 profiles averaged
red: 173301-173345, 153 profiles averaged

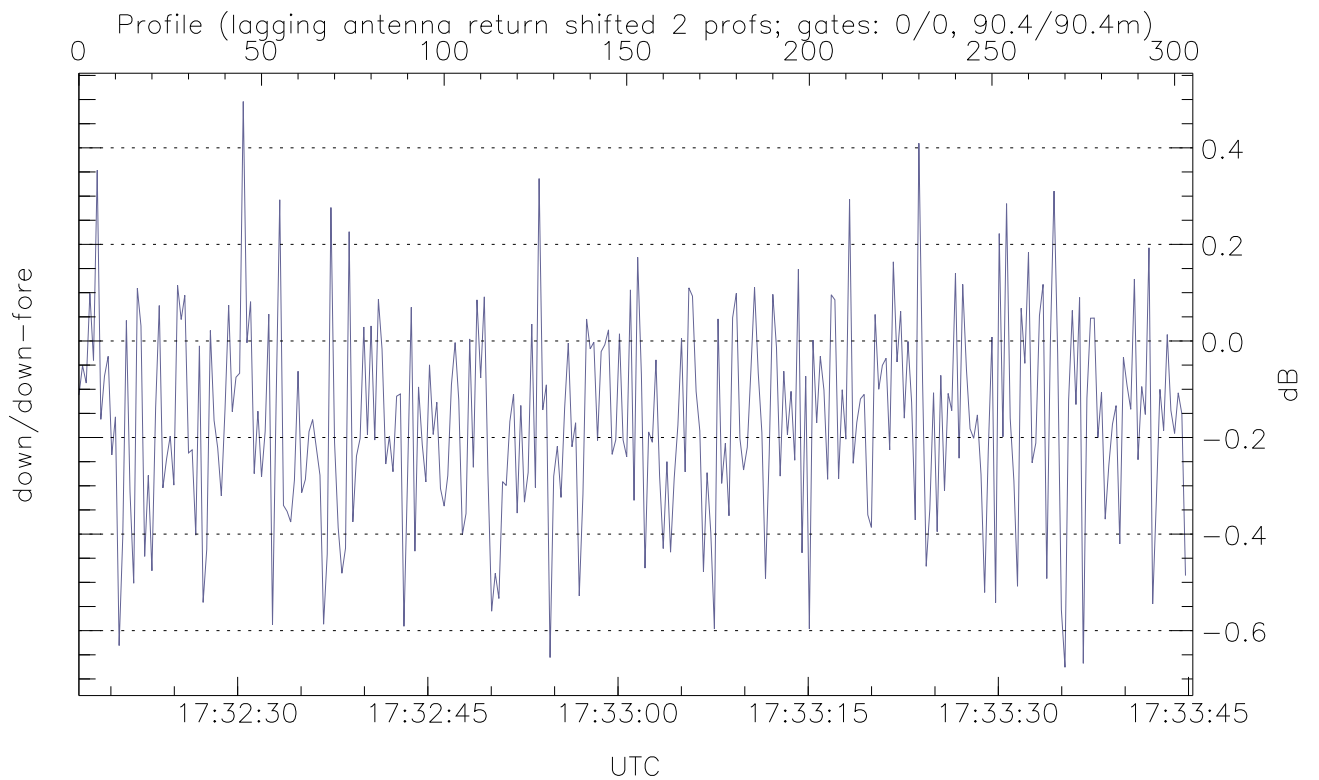
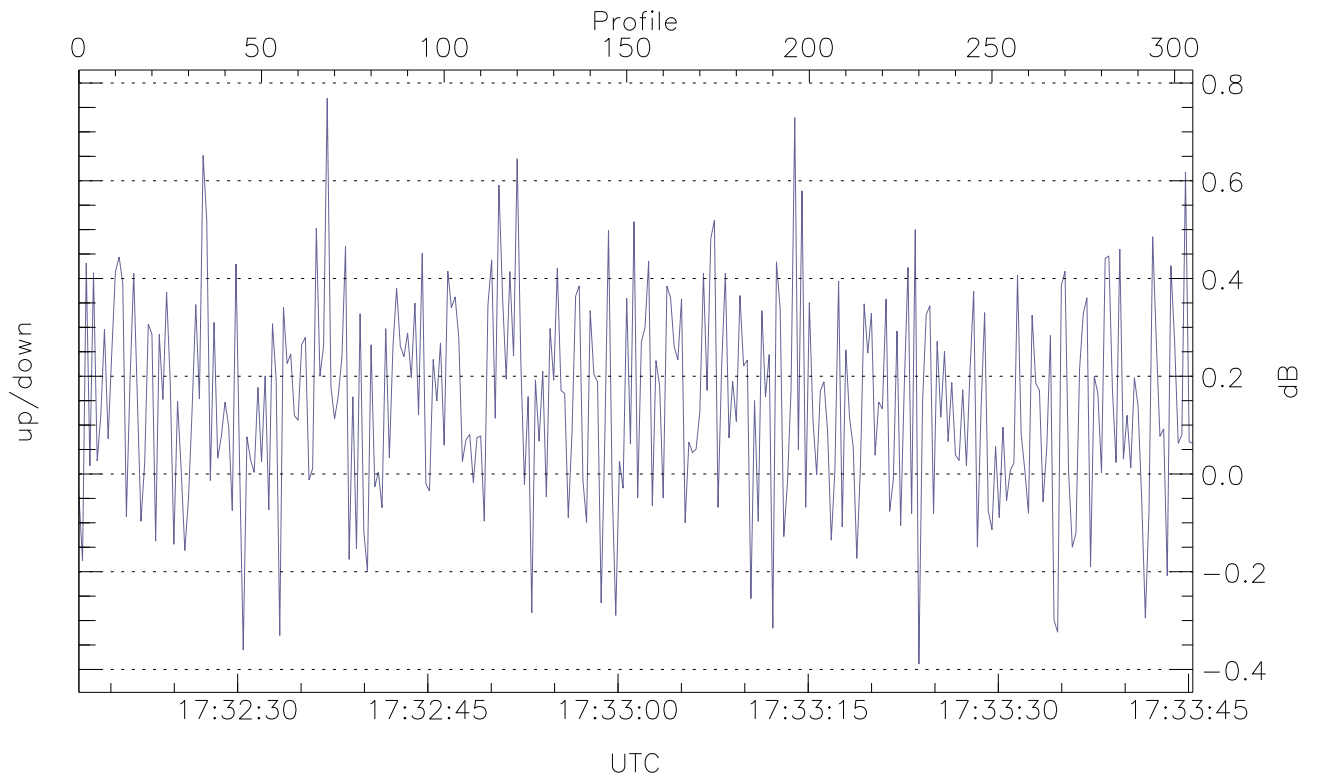


WCR3 FF3 Receivers Phase Noise (in m/s) from the Warm Loads Measurements



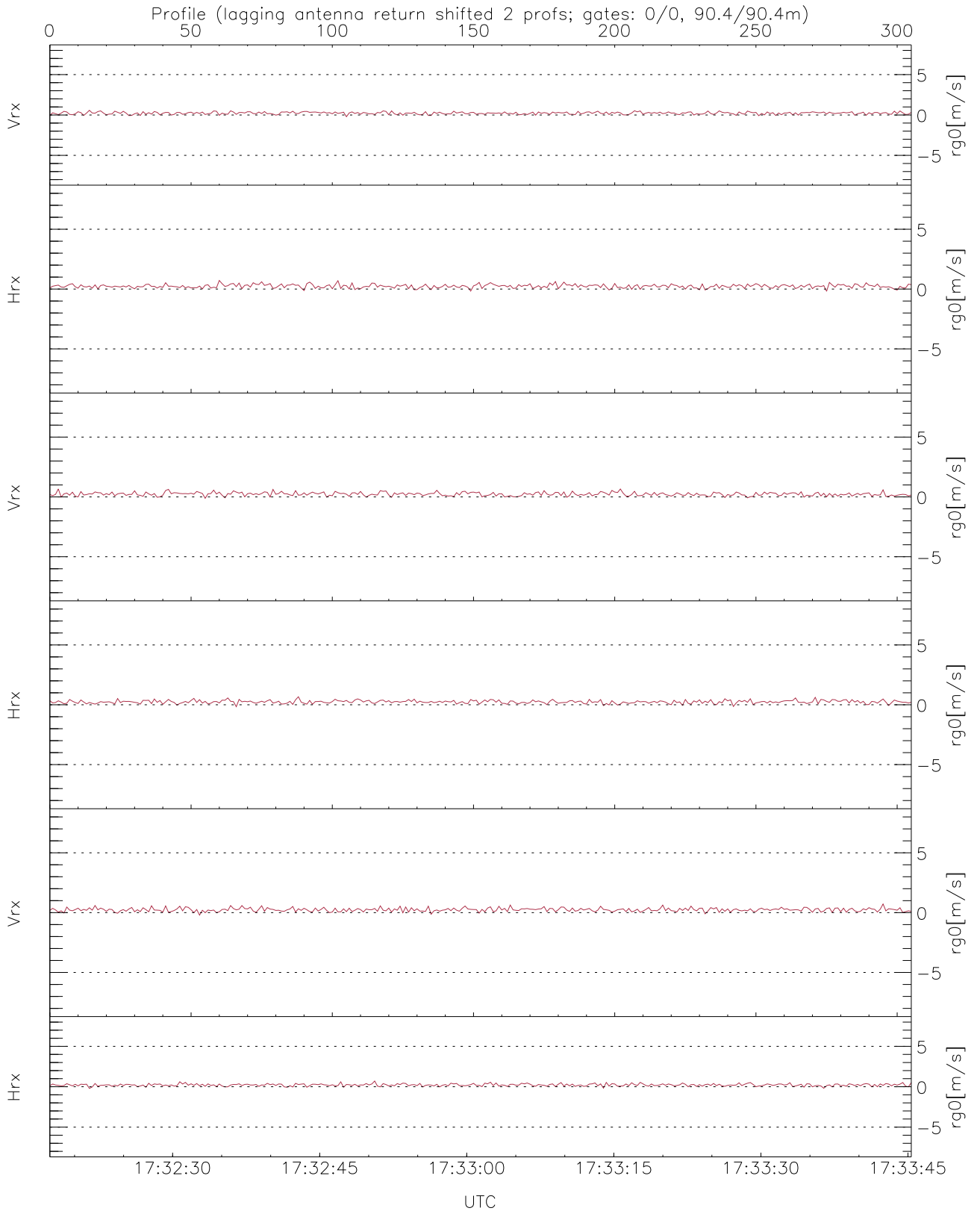
WCR3 FF3 Received Power Products for Range gate 0 (90.4 m)

	Min	Max	Mean
up(vh[dBm])	-64.68	-63.76	-64.21
up(hh[dBm])	-64.45	-63.62	-64.05
down-fore(vh[dBm])	-64.59	-63.78	-64.20
down-fore(hh[dBm])	-64.54	-63.60	-64.04
down(hh[dBm])	-64.60	-63.76	-64.20
down(vh[dBm])	-64.47	-63.61	-64.03



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

	Min	Max	Mean
up/down (dB)	-0.39	0.77	0.15
down/down-fore (dB)	-0.68	0.50	-0.16



WCR3 FF3 Doppler Velocity Products at 90.4 m range

	Min	Max	Mean	StDev
Vrx(rg0[m/s])	-0.21	0.58	0.23	0.14
Hrx(rg0[m/s])	-0.19	0.72	0.24	0.15
Vrx(rg0[m/s])	-0.11	0.67	0.24	0.15
Hrx(rg0[m/s])	-0.16	0.67	0.24	0.13
Vrx(rg0[m/s])	-0.20	0.73	0.24	0.15
Hrx(rg0[m/s])	-0.20	0.71	0.22	0.15