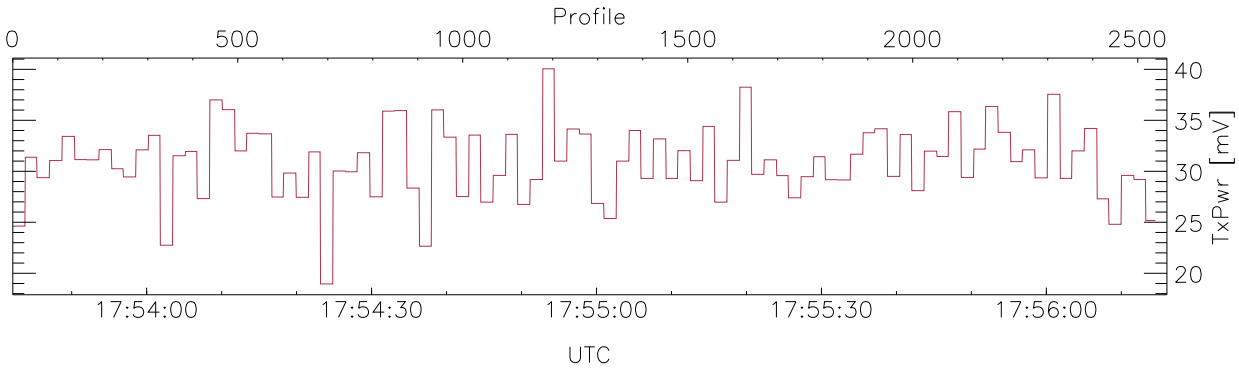
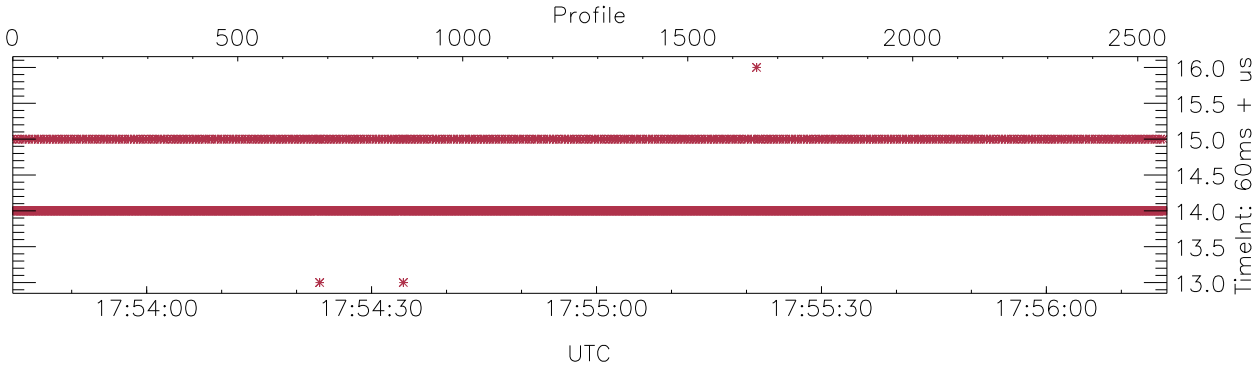
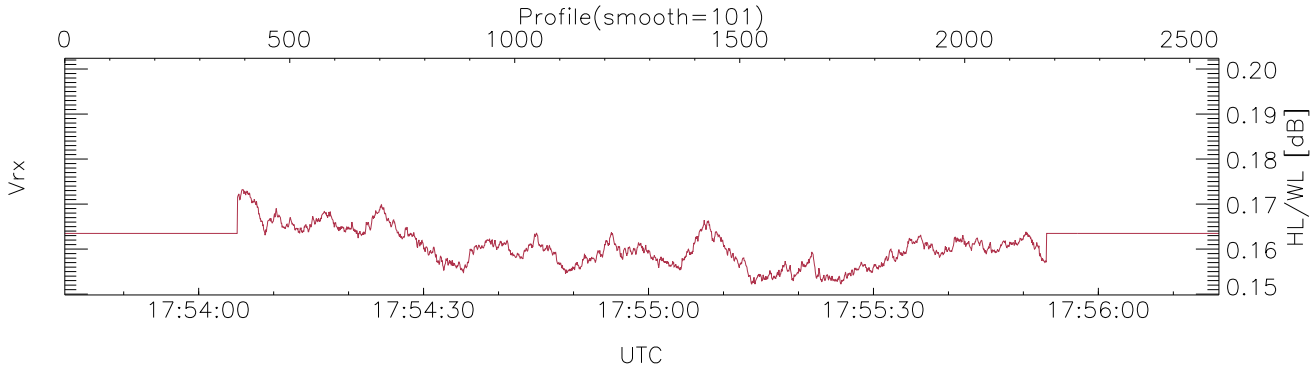
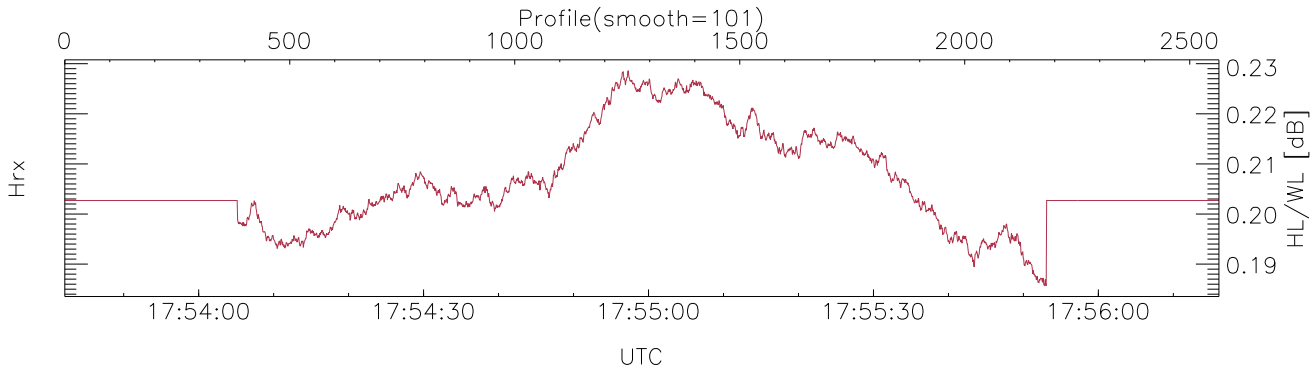


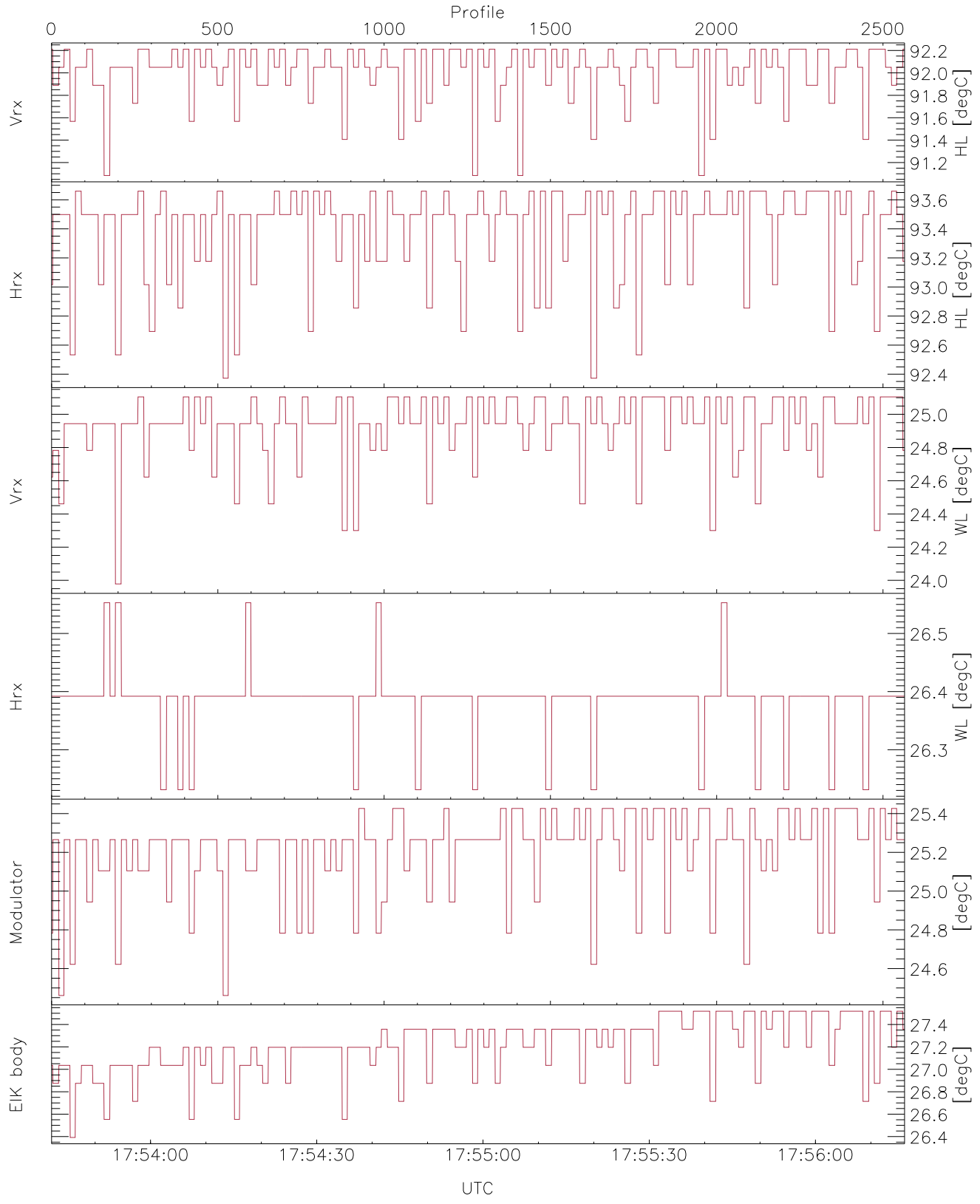






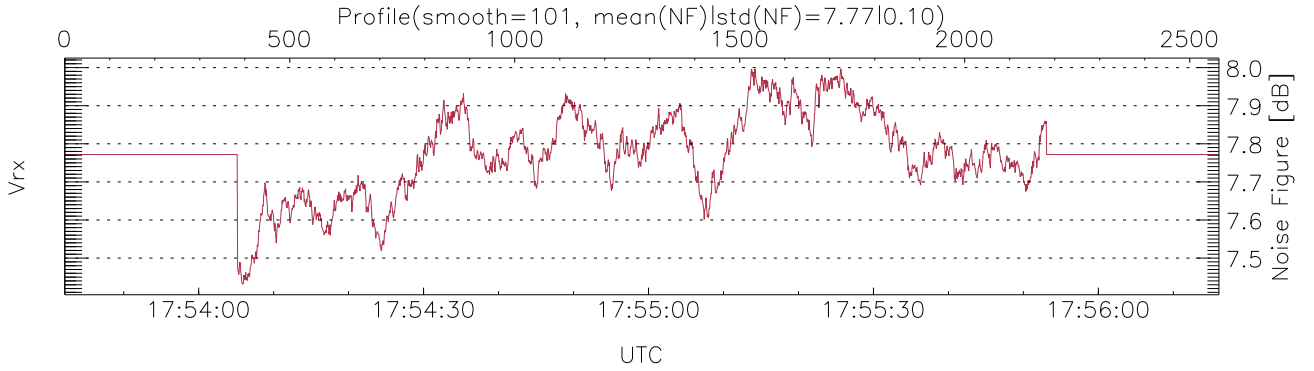
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

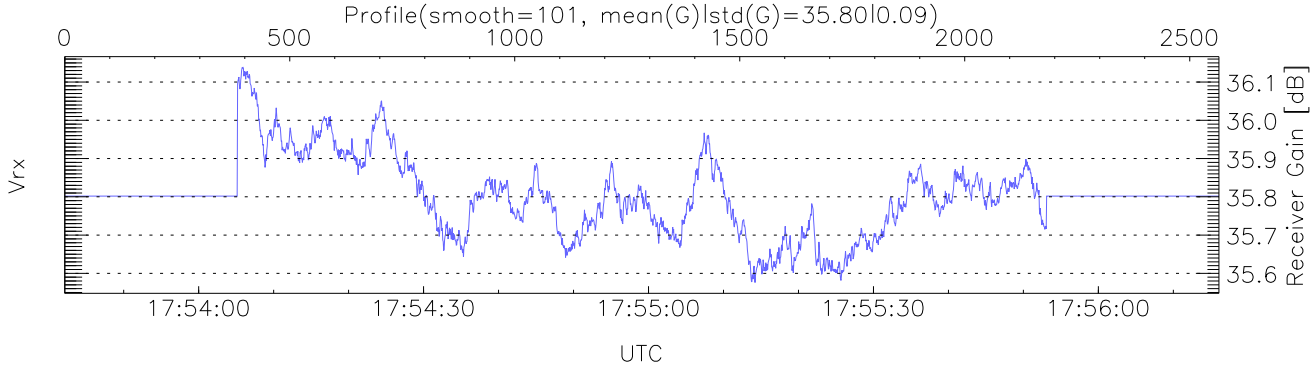
UTC: 17:53:42-17:56:16, TimeCor: 0.00s, Dur: 153.94s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 60.0,60.0,60.0,0.0 ms / 16.7,16.7,16.7
NumRec(r/t): 2566/2566, 0-2565/17:53:42-17:56:16
AcqTime: 60.0ms, Rate: 0.734MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: V1 V1 V1 H1 H1 H1 V2 V2 V2 H2 H2 H2
PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 2.8
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

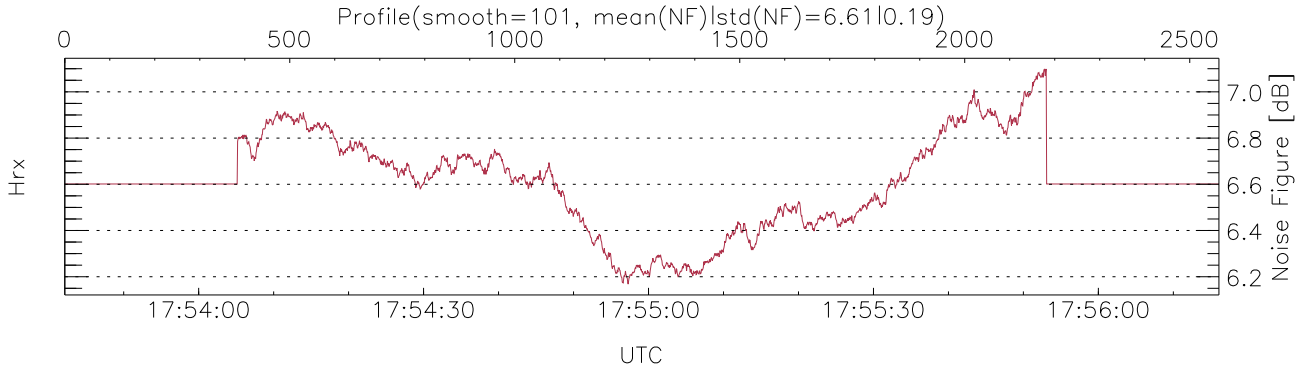


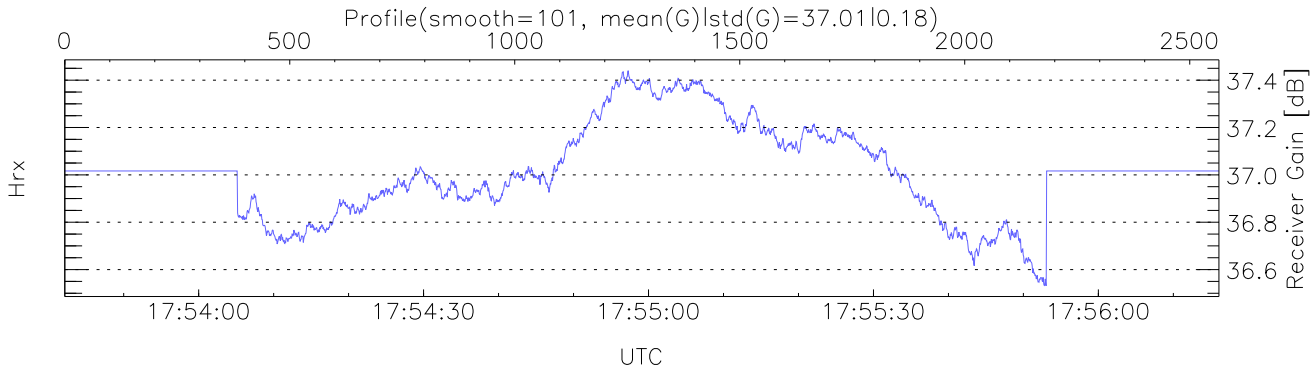
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,24,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,25,27
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



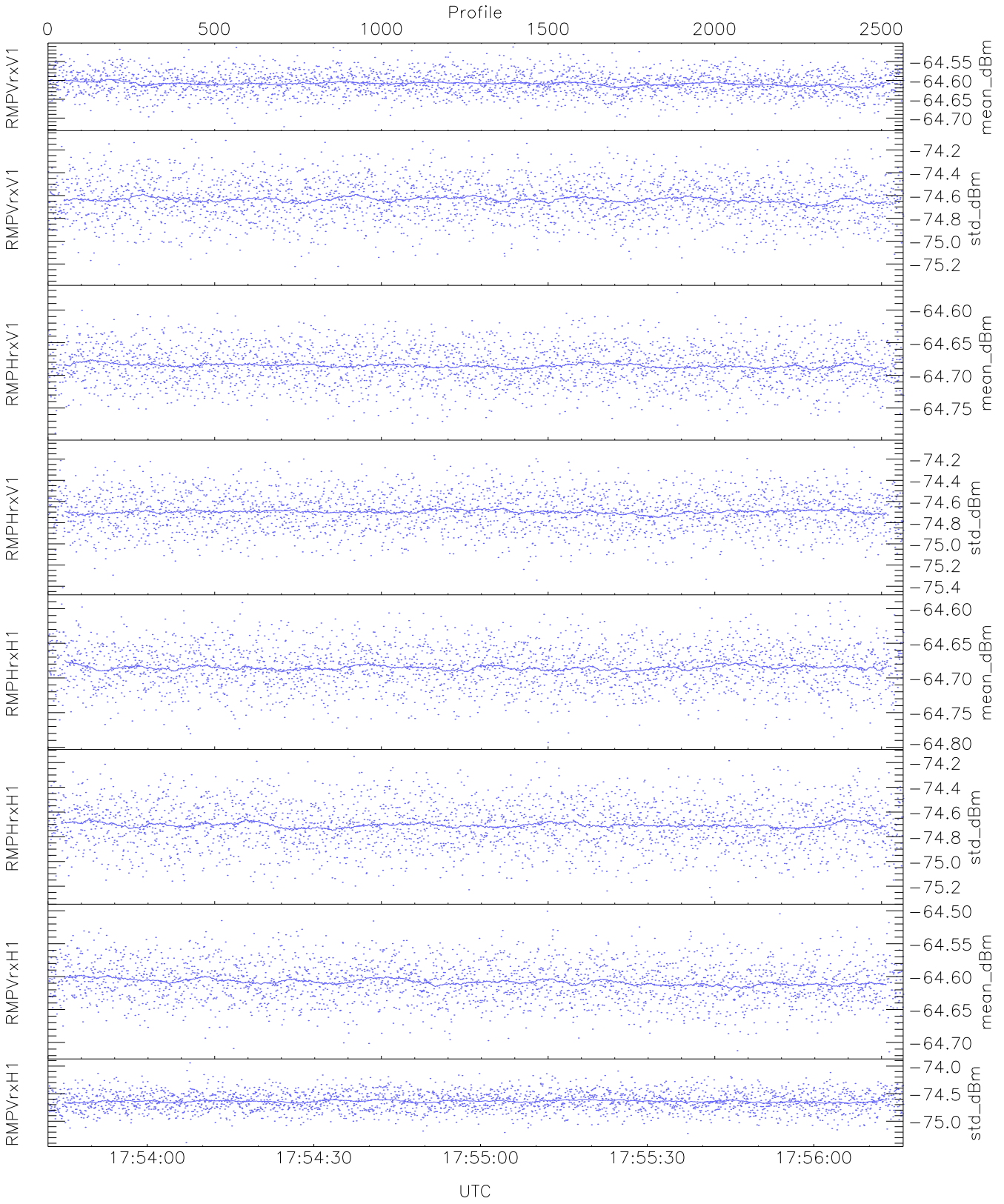






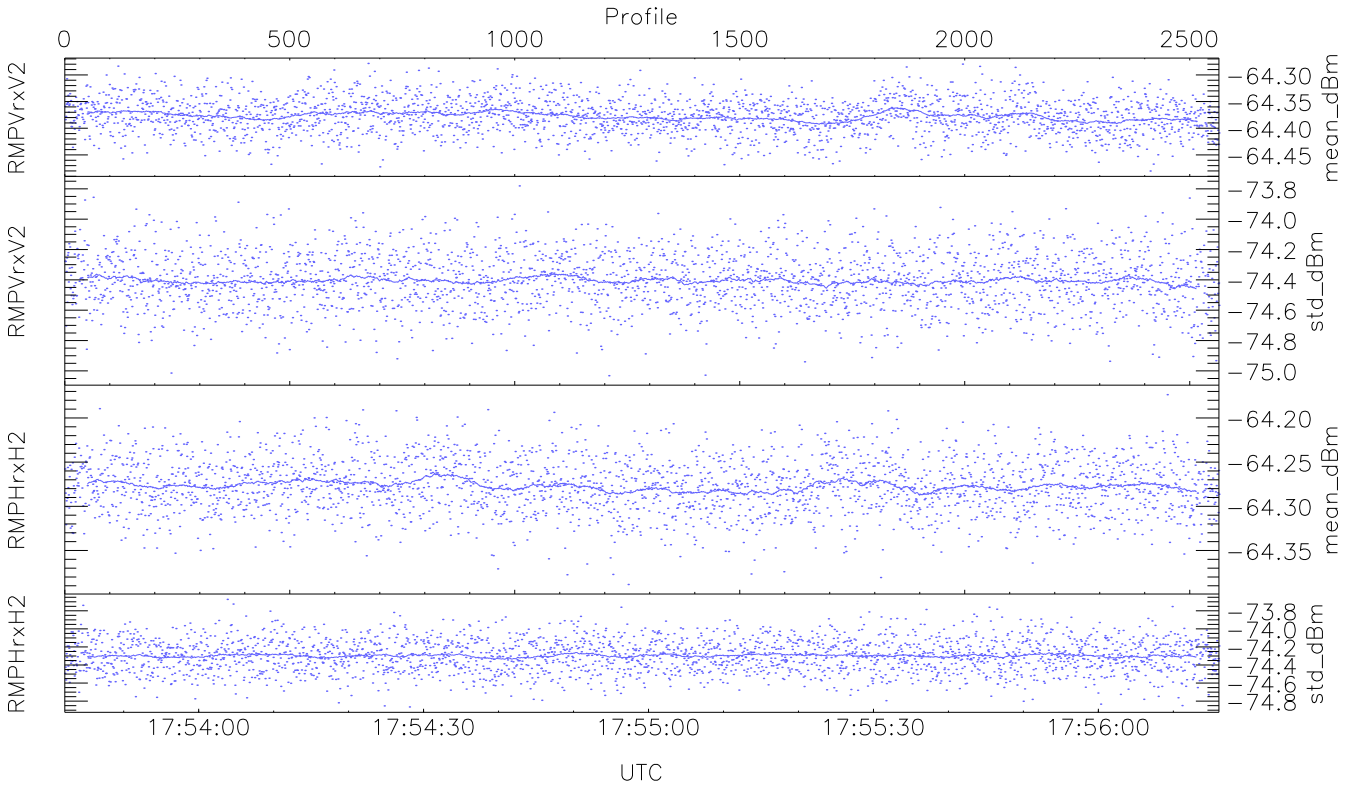
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 4 pixs, 2 gates, 4 profs, 1 prod(s)



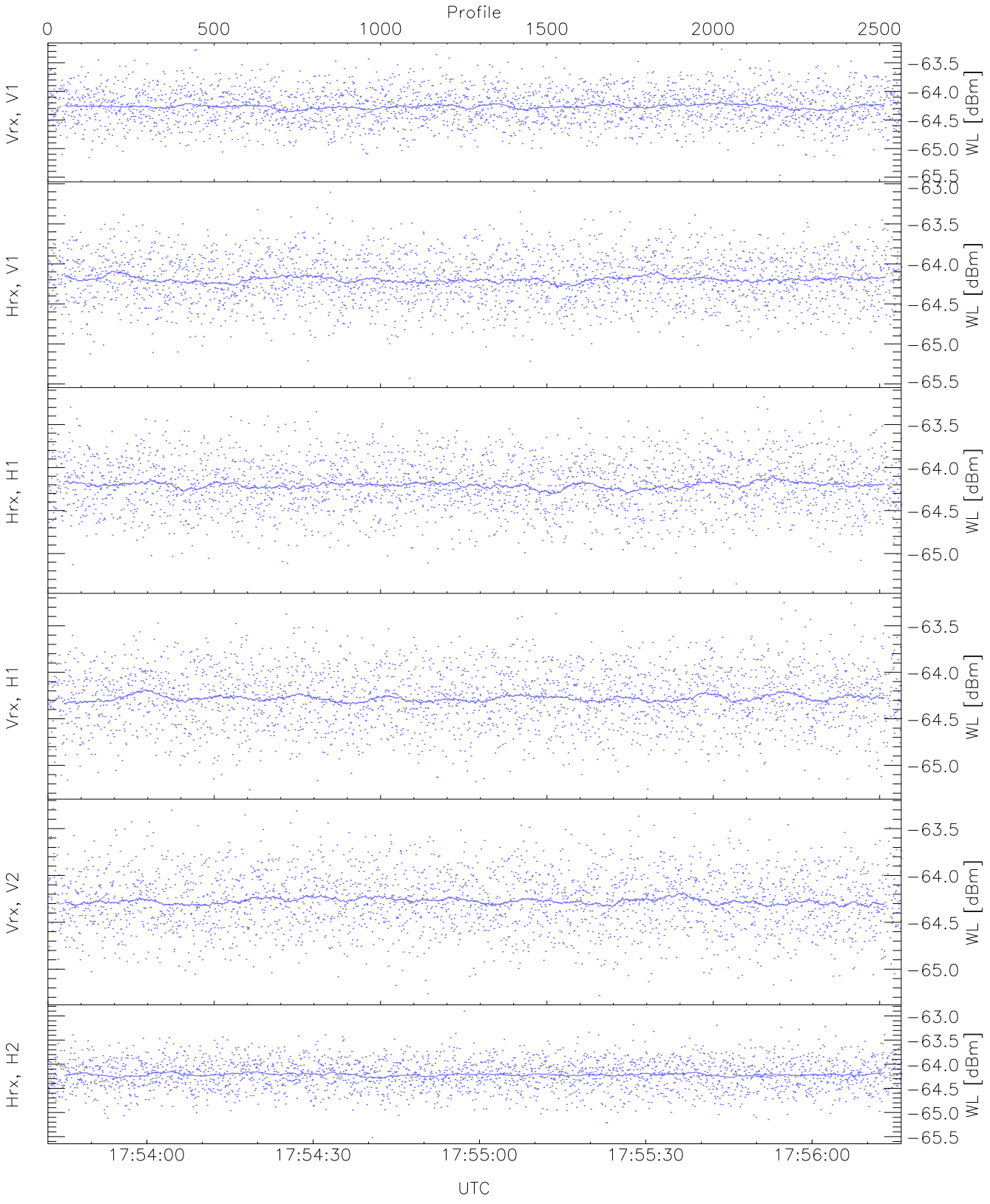
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPVrxV1(mean_dBm)	-64.72	-64.51	-64.61	-64.61	-86.21
RMPVrxV1(std_dBm)	-75.33	-74.09	-74.63	-74.63	-88.49
RMPHrxV1(mean_dBm)	-64.79	-64.57	-64.69	-64.69	-86.33
RMPHrxV1(std_dBm)	-75.41	-74.09	-74.69	-74.69	-88.53
RMPHrxH1(mean_dBm)	-64.79	-64.59	-64.68	-64.68	-86.25
RMPHrxH1(std_dBm)	-75.29	-74.15	-74.70	-74.70	-88.47
RMPVrxH1(mean_dBm)	-64.71	-64.50	-64.61	-64.61	-86.21
RMPVrxH1(std_dBm)	-75.39	-73.94	-74.64	-74.64	-88.46



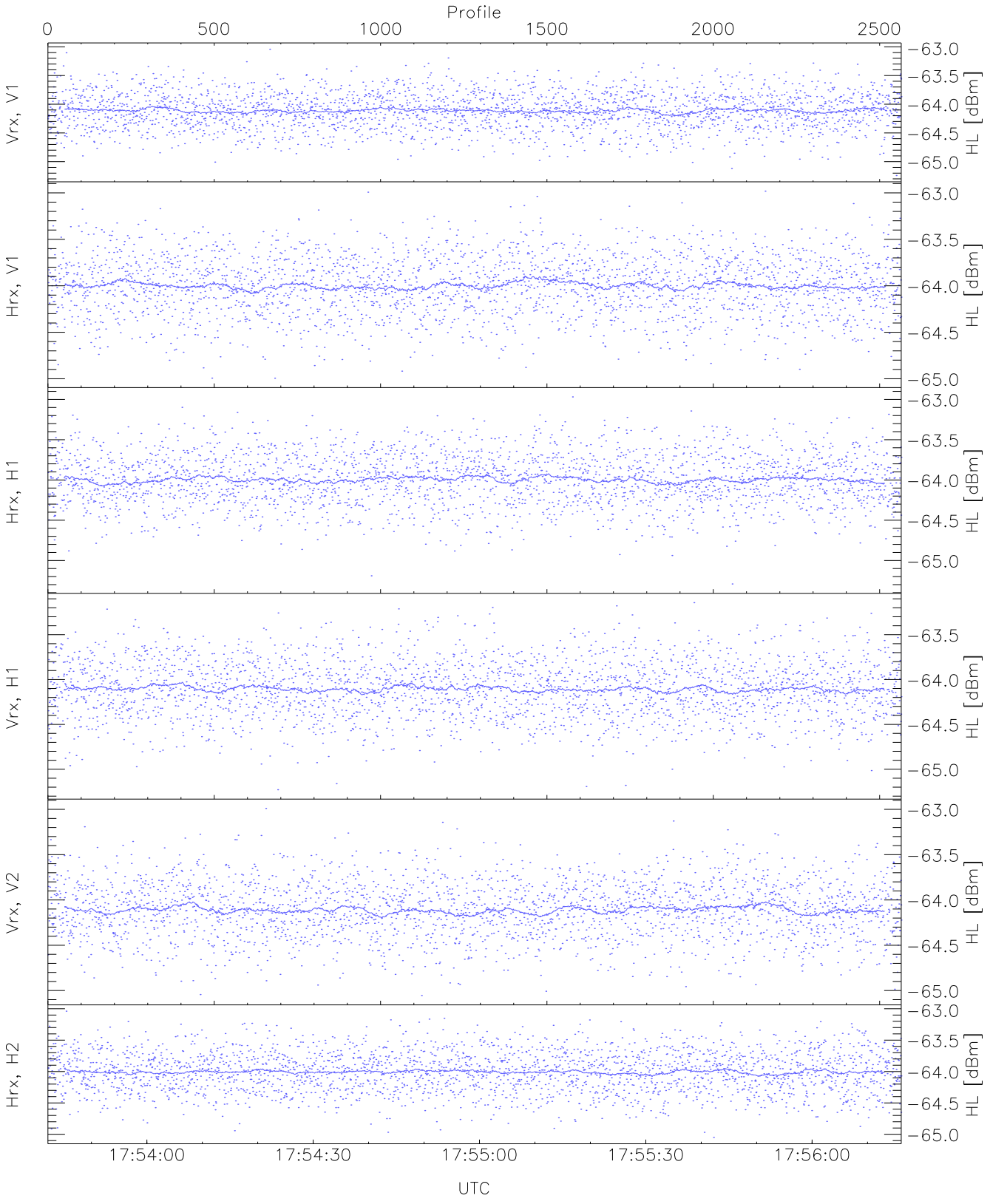
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPVrxV2(mean_dBm)	-64.48	-64.28	-64.38	-64.38	-85.71
RMPVrxV2(std_dBm)	-75.03	-73.78	-74.40	-74.41	-88.17
RMPHrxH2(mean_dBm)	-64.39	-64.17	-64.28	-64.28	-85.85
RMPHrxH2(std_dBm)	-74.86	-73.67	-74.29	-74.30	-88.15



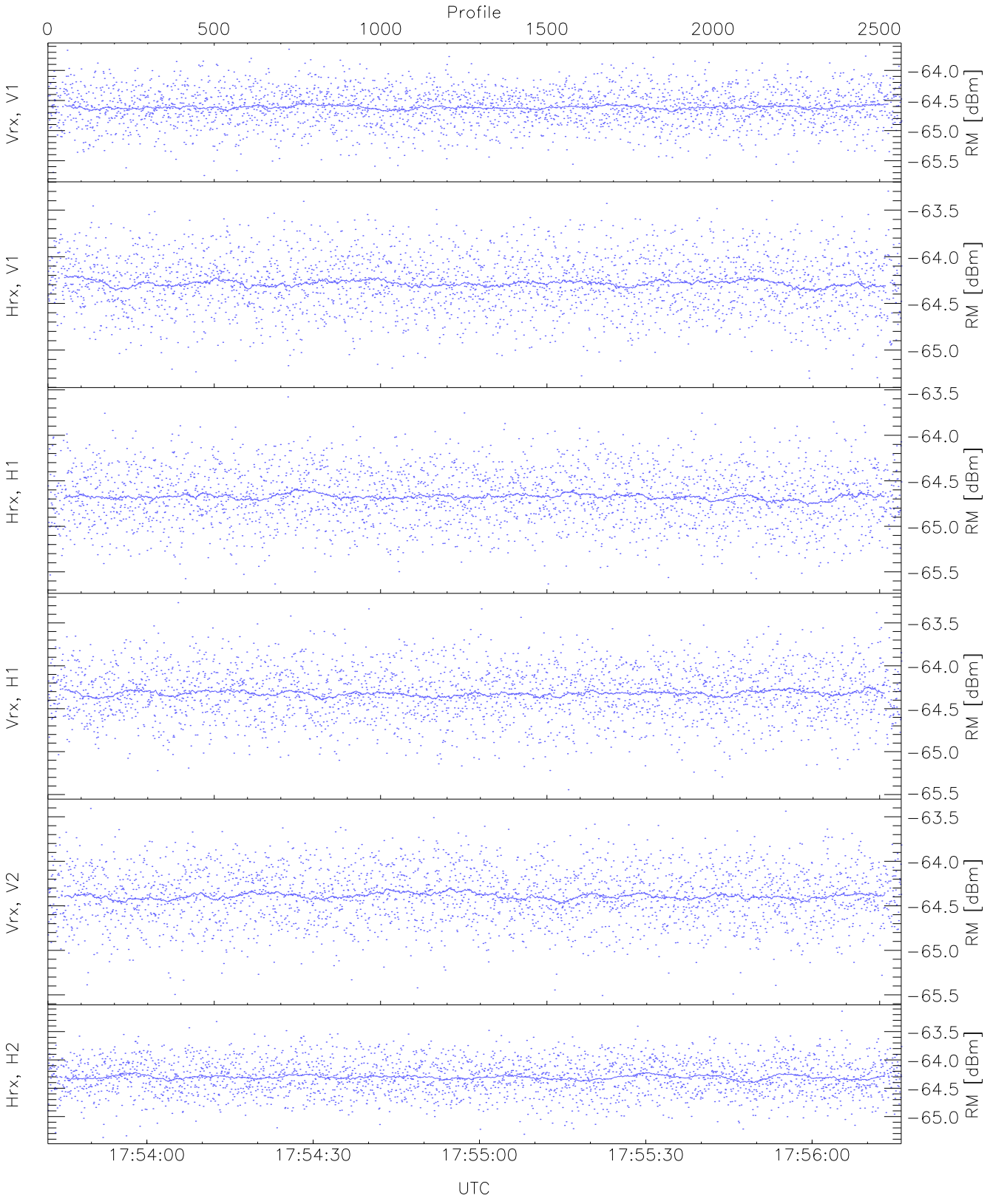
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V1(WL [dBm])	-65.47	-63.26	-64.26	-64.27	-75.77
Hrx, V1(WL [dBm])	-65.43	-63.09	-64.18	-64.19	-75.71
Hrx, H1(WL [dBm])	-65.35	-63.18	-64.19	-64.21	-75.72
Vrx, H1(WL [dBm])	-65.26	-63.25	-64.27	-64.27	-75.68
Vrx, V2(WL [dBm])	-65.28	-63.28	-64.26	-64.28	-75.72
Hrx, H2(WL [dBm])	-65.52	-62.90	-64.21	-64.22	-75.63



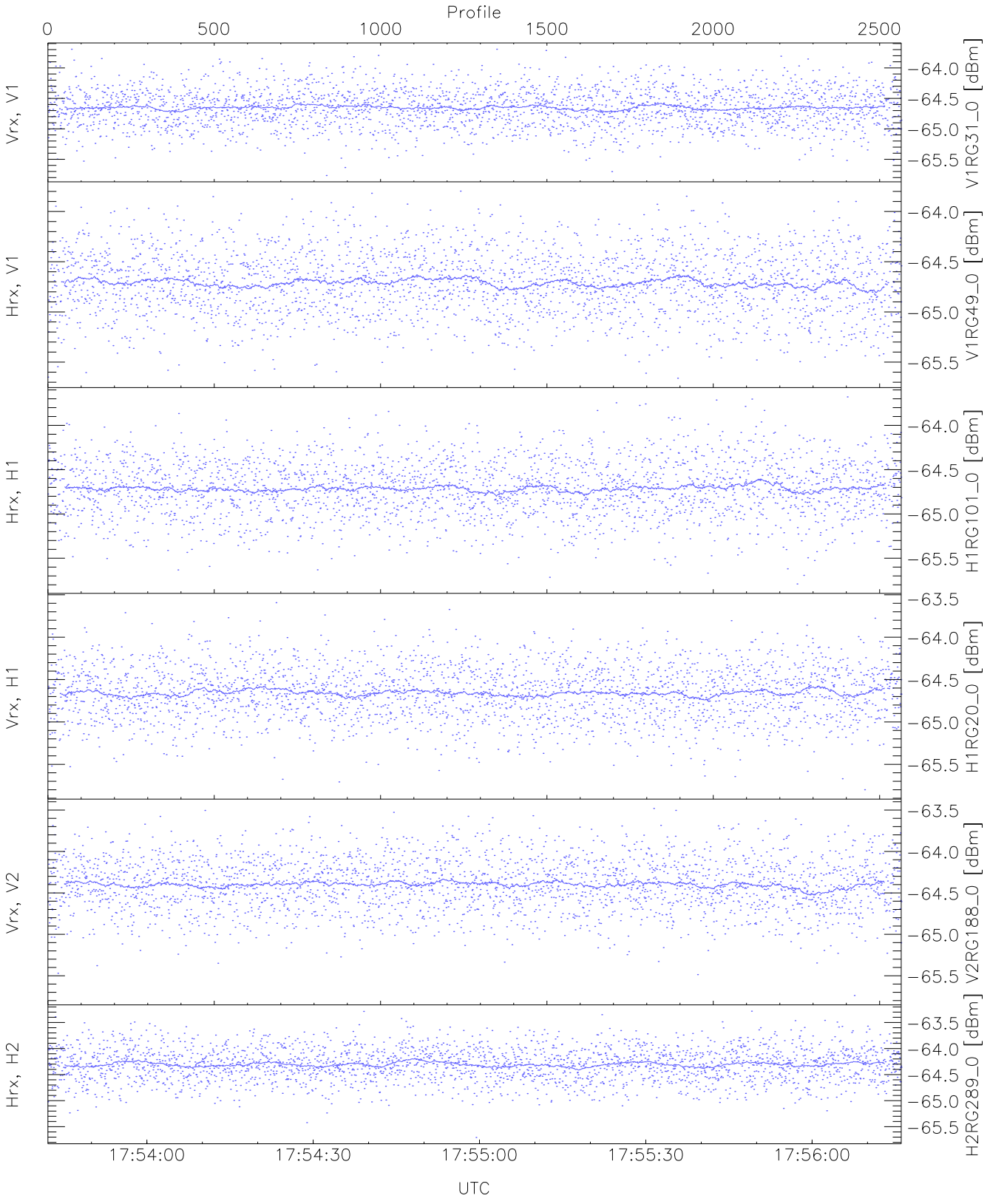
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Vrx, V1(HL [dBm])	-65.24	-63.04	-64.10	-64.11	-75.63
Hrx, V1(HL [dBm])	-64.99	-62.98	-63.99	-63.99	-75.52
Hrx, H1(HL [dBm])	-65.29	-62.97	-63.99	-64.00	-75.48
Vrx, H1(HL [dBm])	-65.23	-63.14	-64.10	-64.10	-75.58
Vrx, V2(HL [dBm])	-65.05	-62.99	-64.10	-64.10	-75.70
Hrx, H2(HL [dBm])	-65.05	-63.04	-64.00	-64.00	-75.42



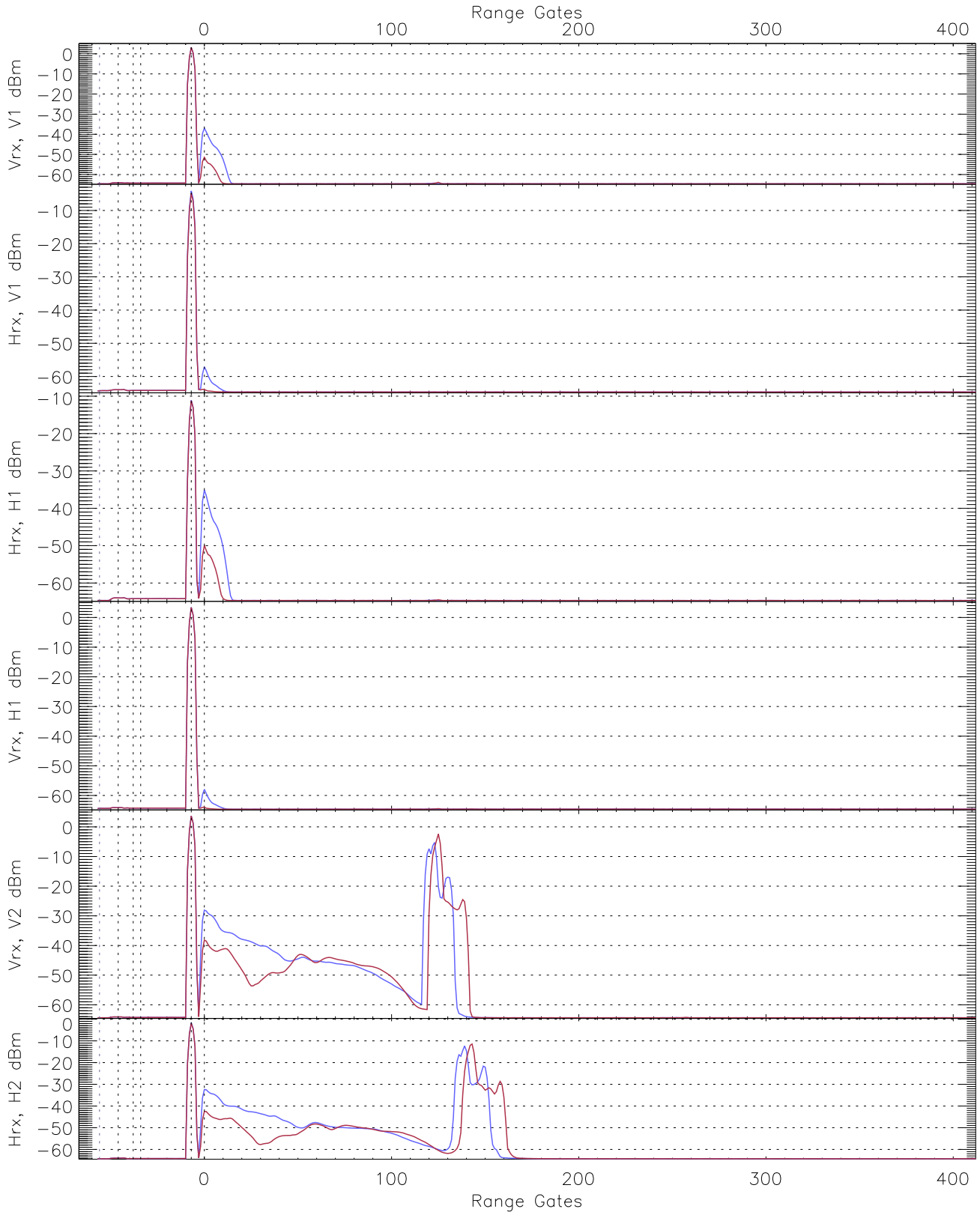
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Vrx, V1(RM [dBm])	-65.75	-63.65	-64.60	-64.60	-76.09
Hrx, V1(RM [dBm])	-65.30	-63.30	-64.28	-64.28	-75.84
Hrx, H1(RM [dBm])	-65.63	-63.58	-64.67	-64.68	-76.17
Vrx, H1(RM [dBm])	-65.44	-63.26	-64.31	-64.32	-75.83
Vrx, V2(RM [dBm])	-65.51	-63.41	-64.38	-64.39	-75.93
Hrx, H2(RM [dBm])	-65.37	-63.14	-64.30	-64.31	-75.80

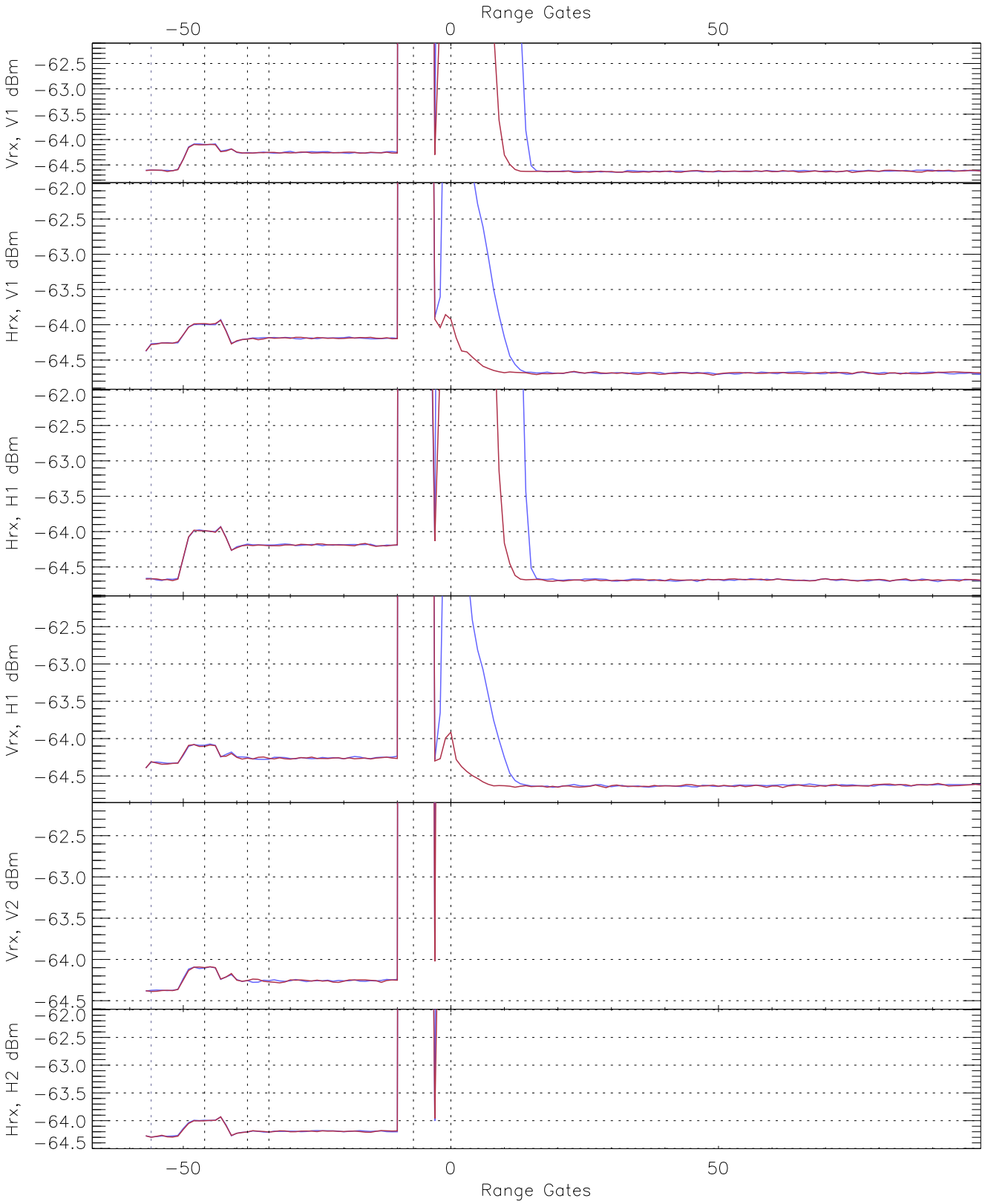


WCR3 CPP "Best" estimate Receivers Noise Power

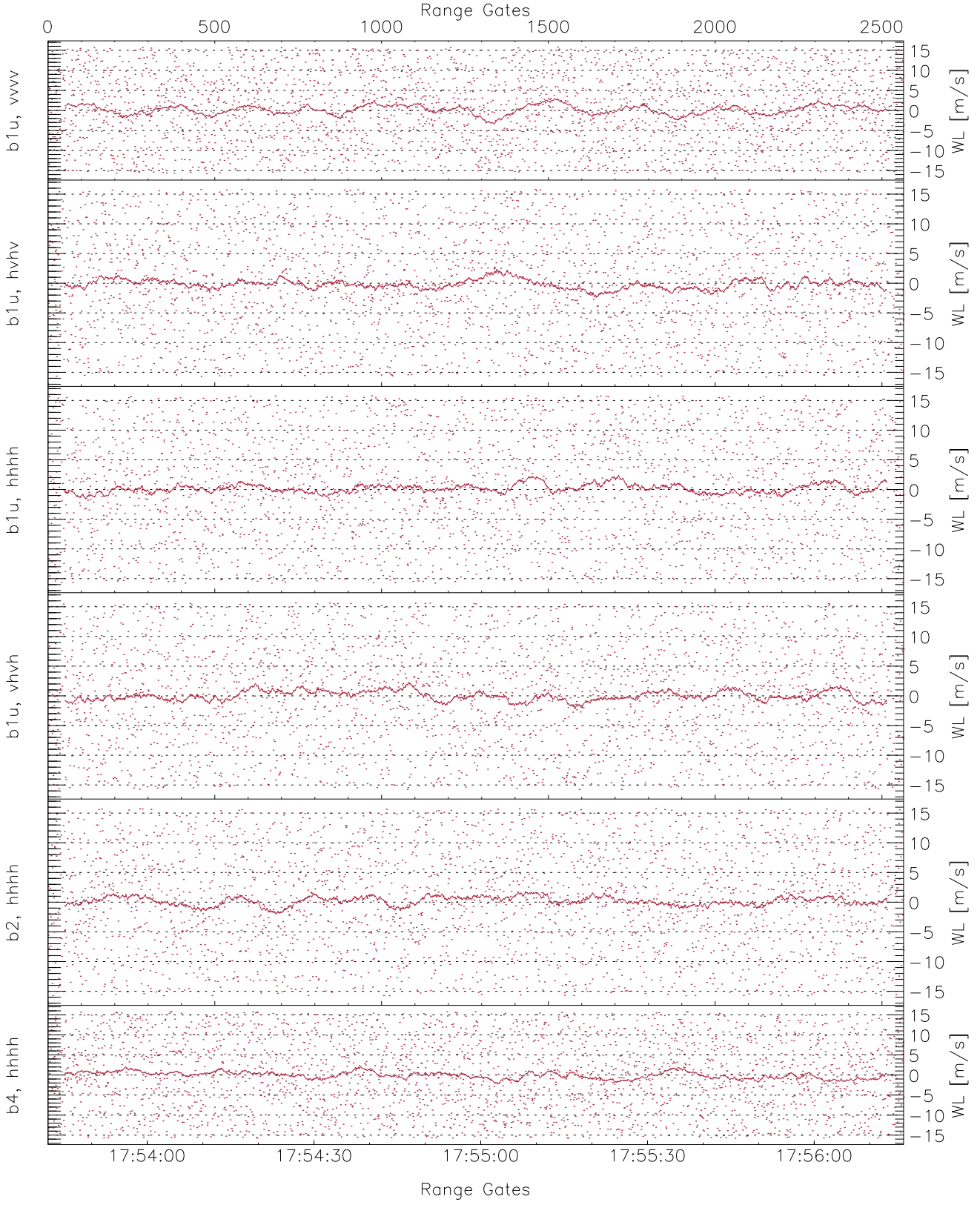
	Min	Max	Mean	Median	StDev
V1RG31_0 [dBm]	-65.77	-63.69	-64.64	-64.65	-76.24
V1RG49_0 [dBm]	-65.66	-63.80	-64.70	-64.71	-76.19
H1RG101_0 [dBm]	-65.79	-63.68	-64.70	-64.72	-76.21
H1RG20_0 [dBm]	-65.80	-63.59	-64.65	-64.65	-76.13
V2RG188_0 [dBm]	-65.74	-63.48	-64.39	-64.40	-75.88
H2RG289_0 [dBm]	-65.71	-63.28	-64.30	-64.30	-75.78



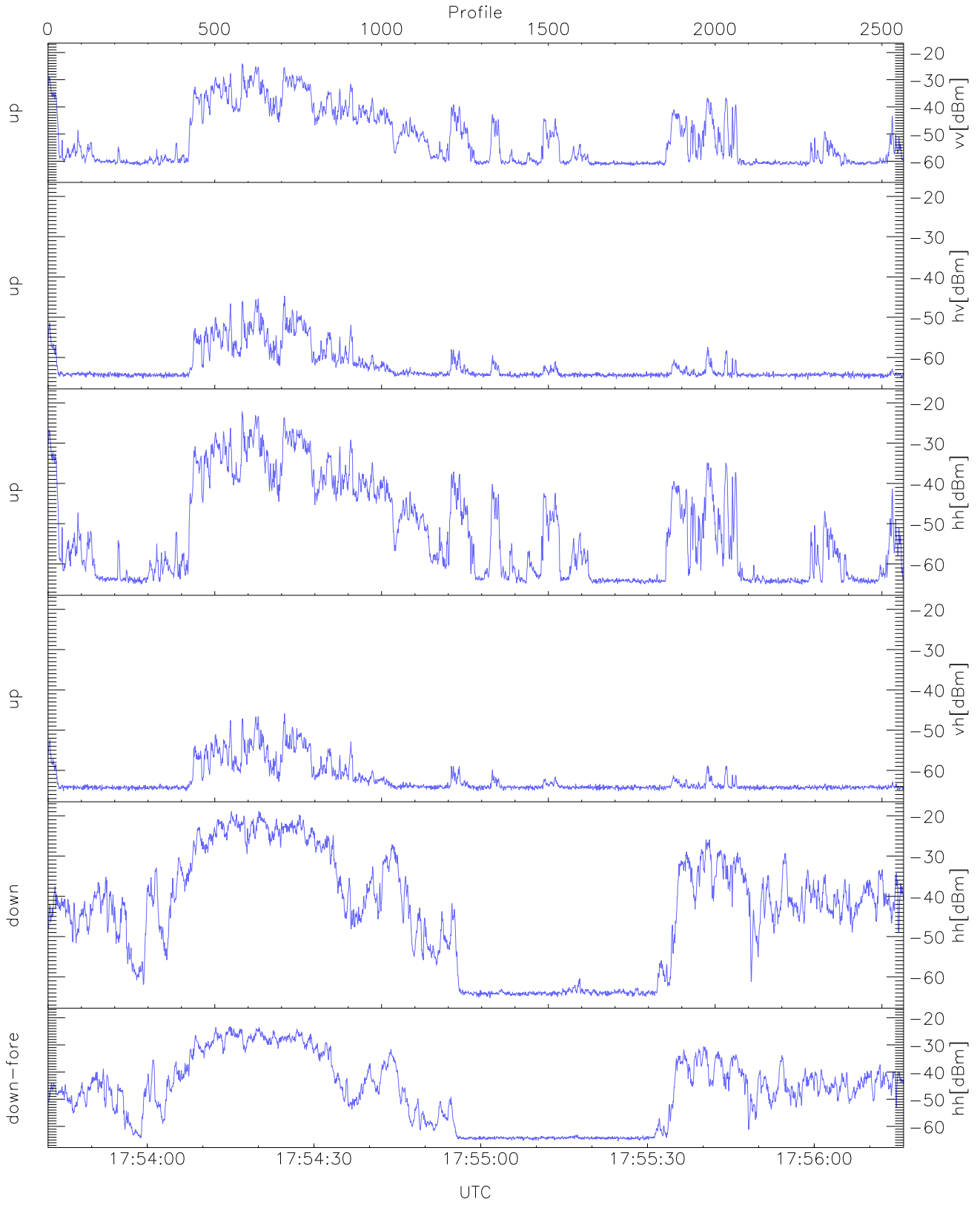
WCR3 CPP Averaged Received power for all recorded gates
blue: 175342-175459, 1284 profiles averaged
red: 175459-175616, 1283 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 175342-175459, 1284 profiles averaged
red: 175459-175616, 1283 profiles averaged

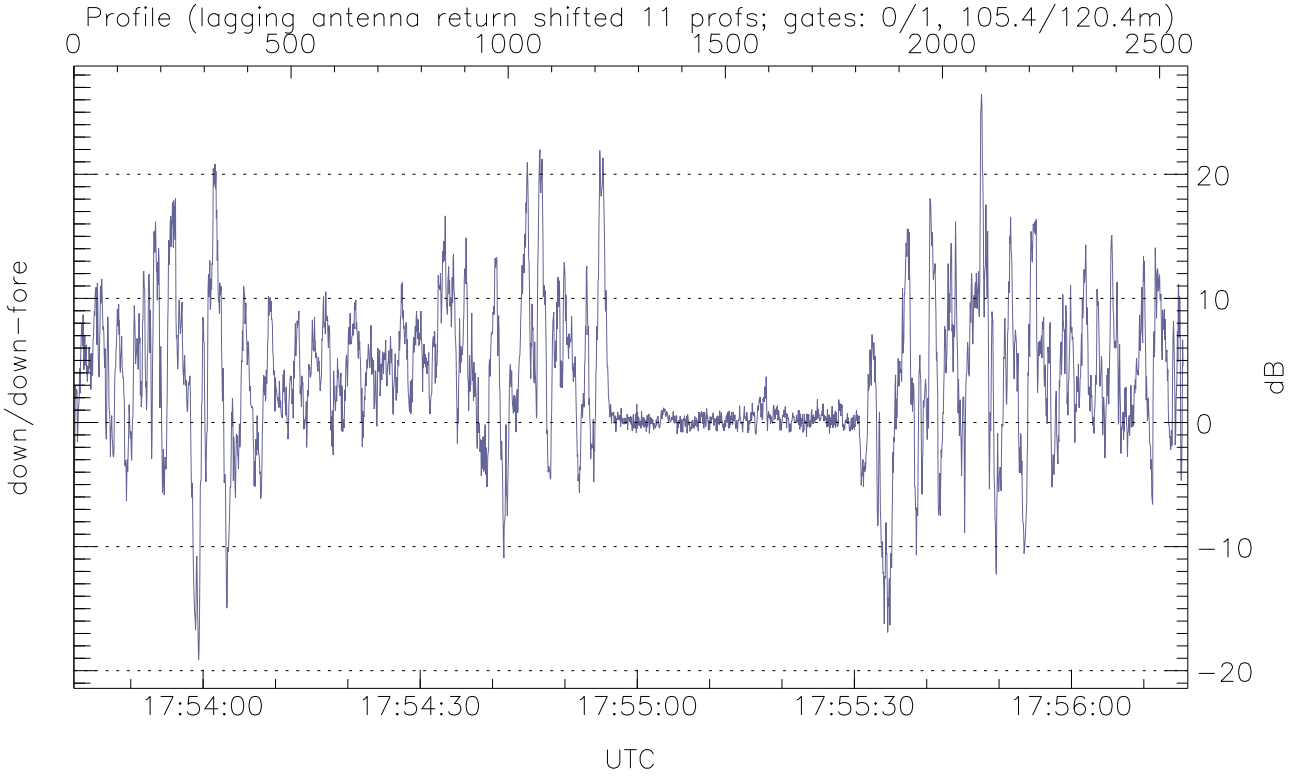


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



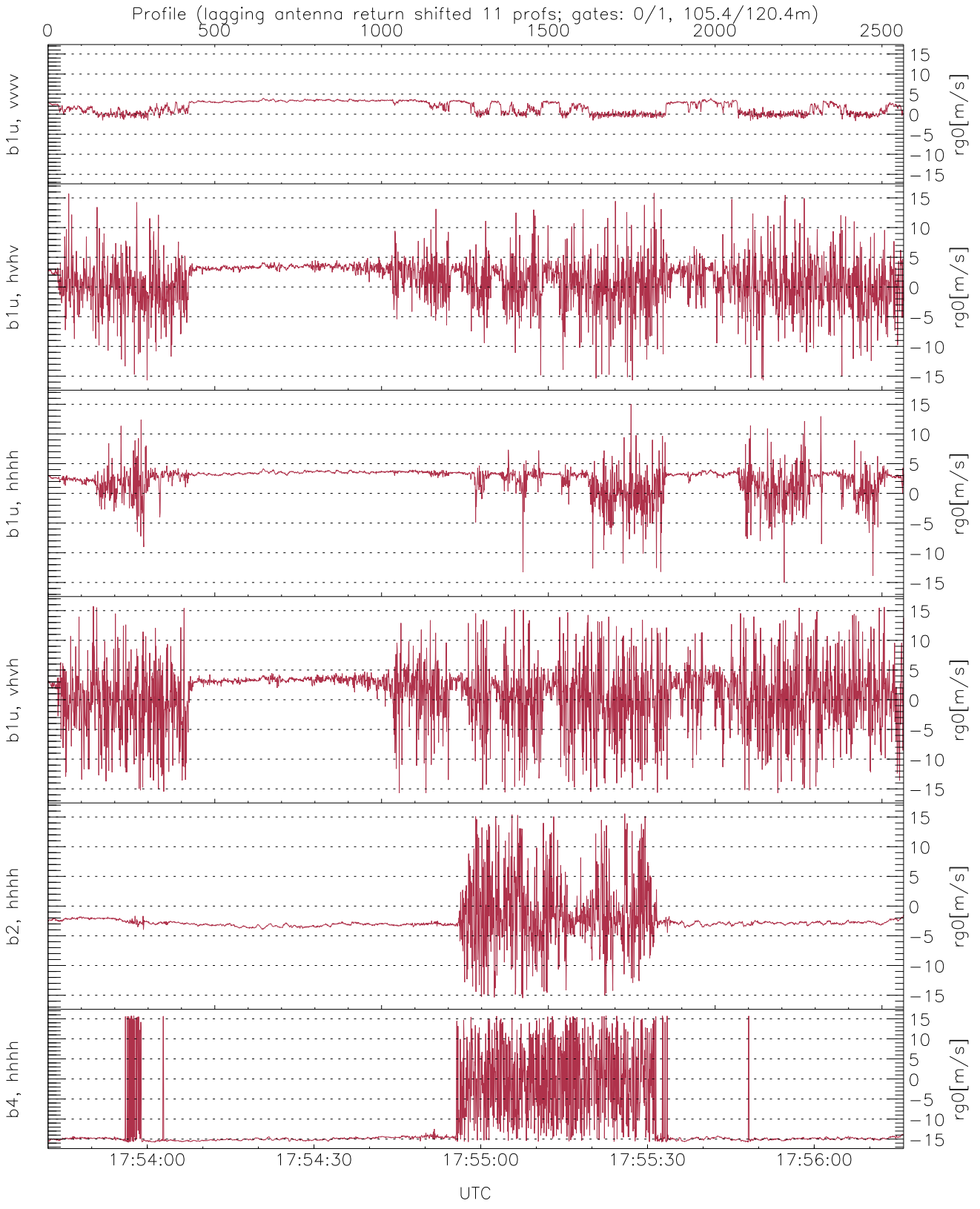
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(vv[dBm])	-61.89	-24.07	-39.87
up(hv[dBm])	-65.46	-44.70	-59.28
up(hh[dBm])	-65.10	-22.13	-37.99
up(vh[dBm])	-65.20	-45.87	-59.96
down(hh[dBm])	-65.22	-18.85	-30.67
down-fore(hh[dBm])	-65.39	-23.24	-35.01



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

	Min	Max	Mean
down/down-fore(dB)	-19.14	26.45	3.31



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, vvvv(rg0[m/s])	-1.69	3.95	1.72	1.49
b1u, hvhv(rg0[m/s])	-15.71	15.79	1.21	3.88
b1u, hhhh(rg0[m/s])	-15.02	15.04	2.42	2.32
b1u, vhvh(rg0[m/s])	-15.71	15.75	1.05	5.17
b2, hhhh(rg0[m/s])	-15.48	15.57	-2.47	3.24
b4, hhhh(rg0[m/s])	-15.77	15.76	-11.20	8.21