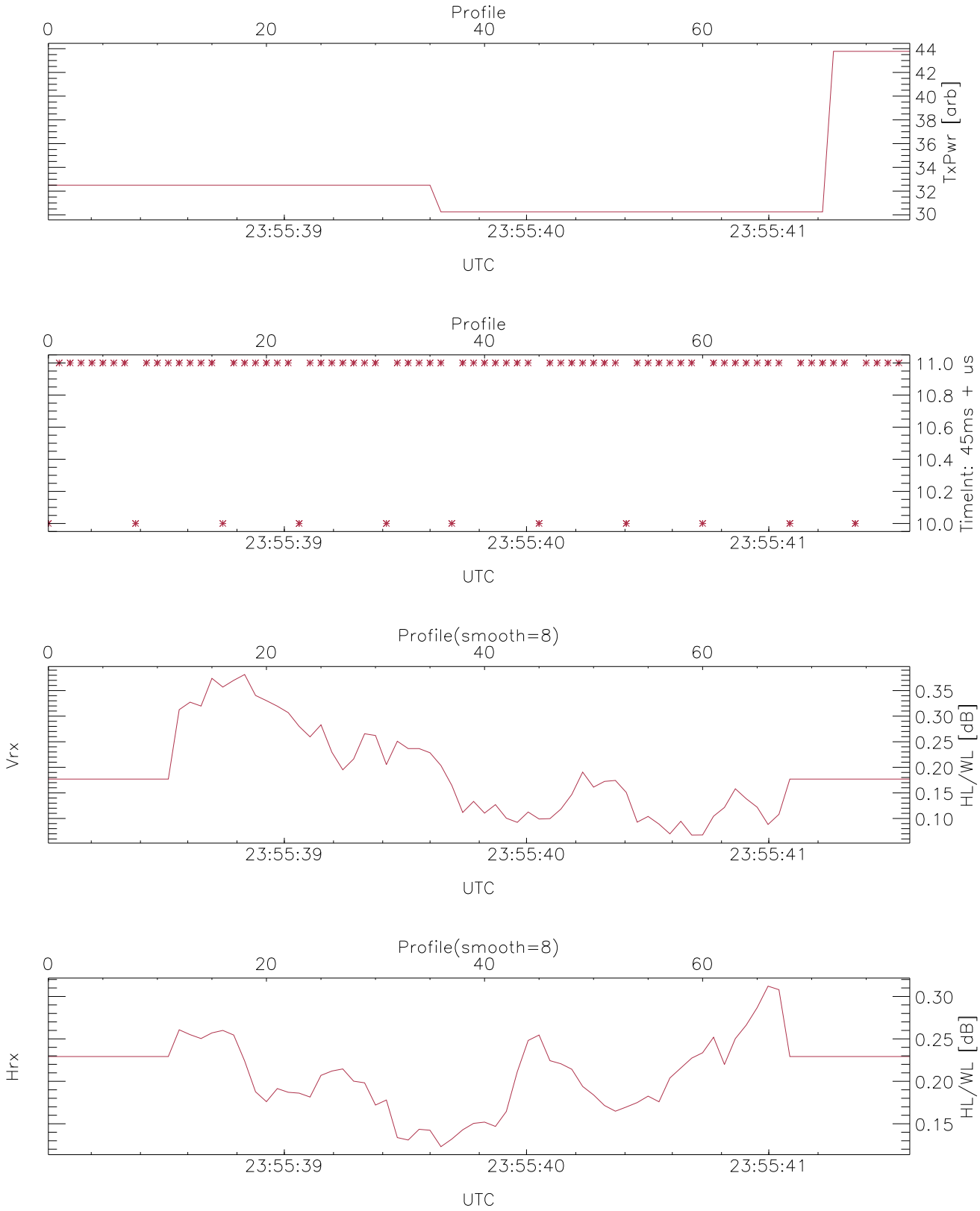
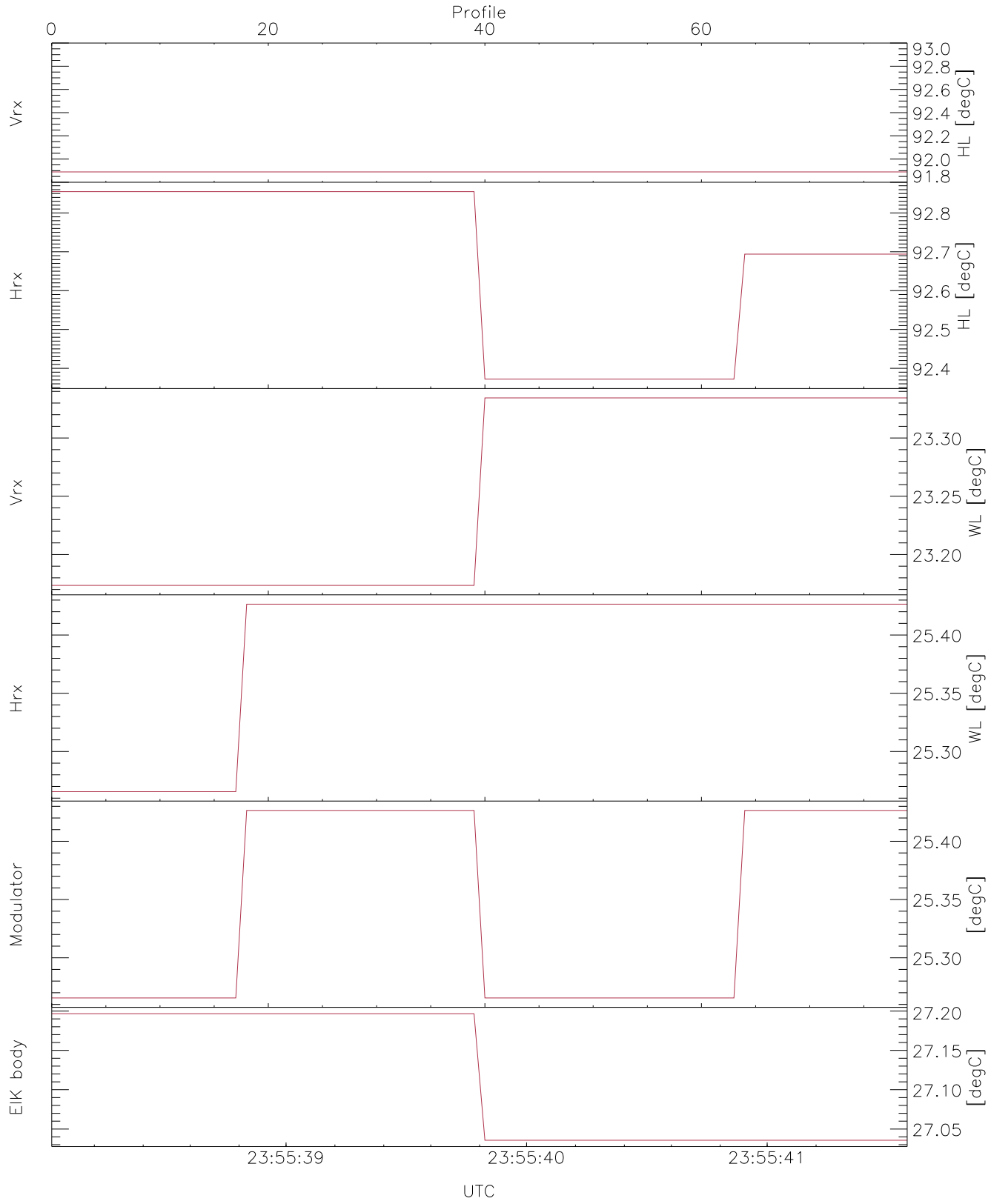


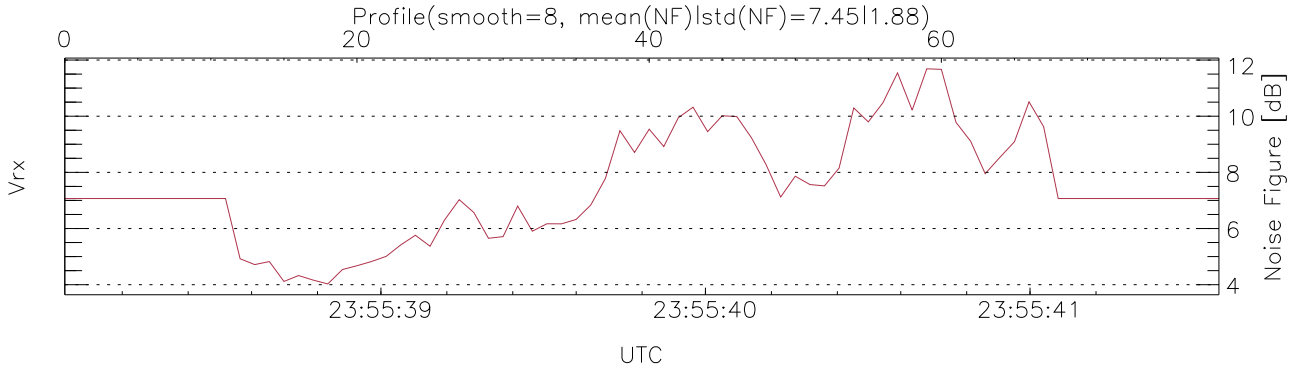
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

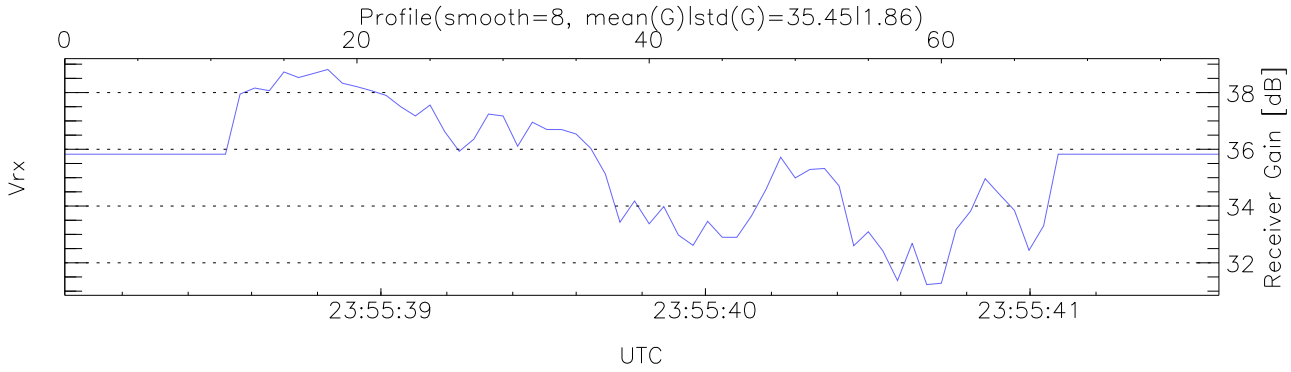
UTC: 23:55:38-23:55:42, TimeCor: 0.00s, Dur: 3.56s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 80/80, 0-79/23:55:38-23:55:42
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

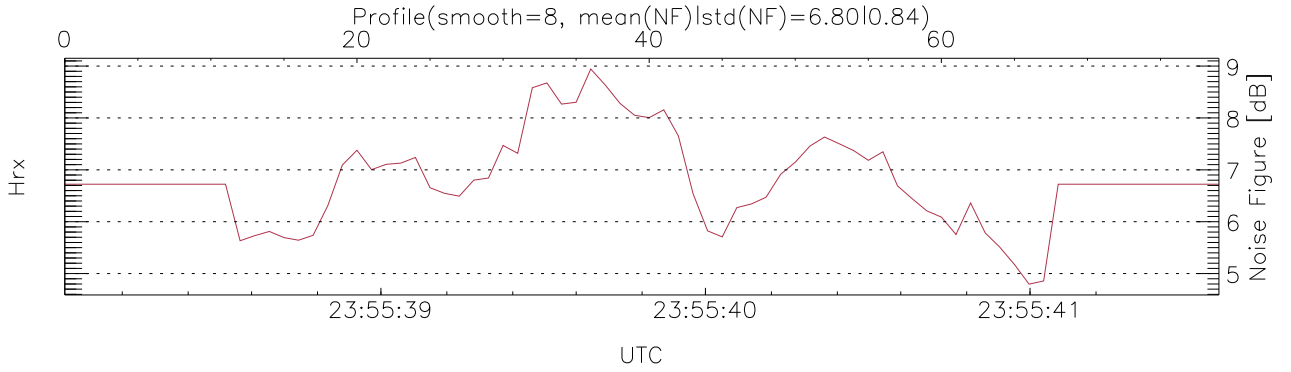


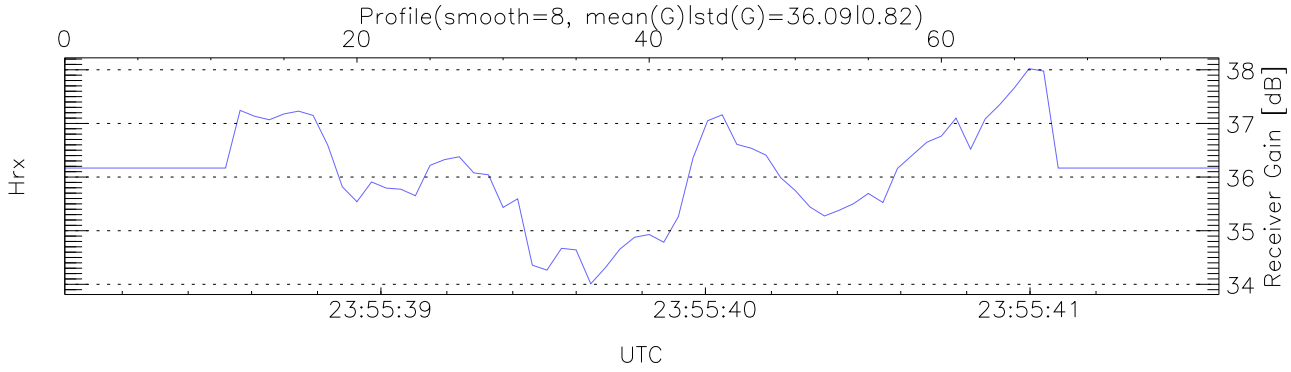
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



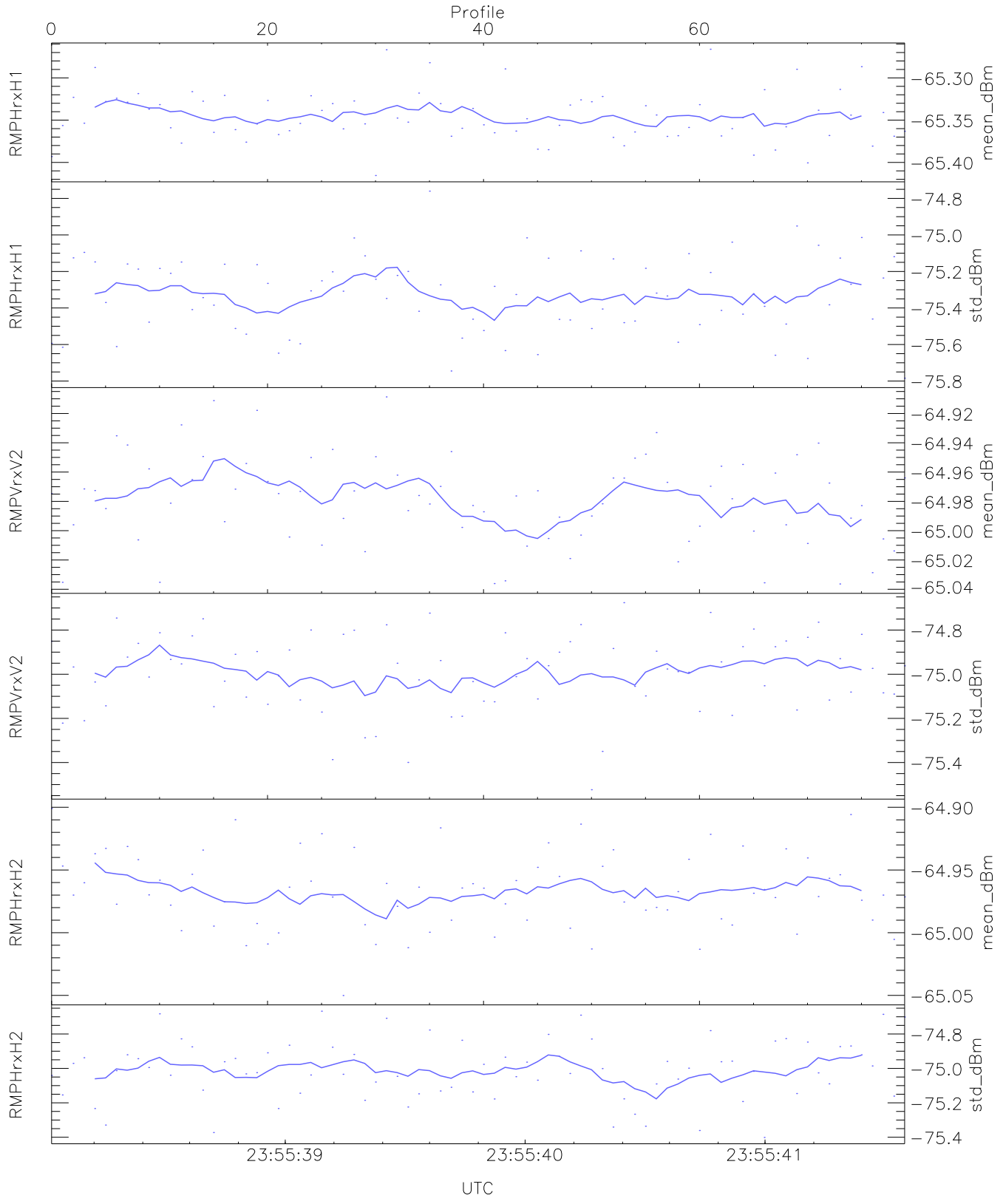






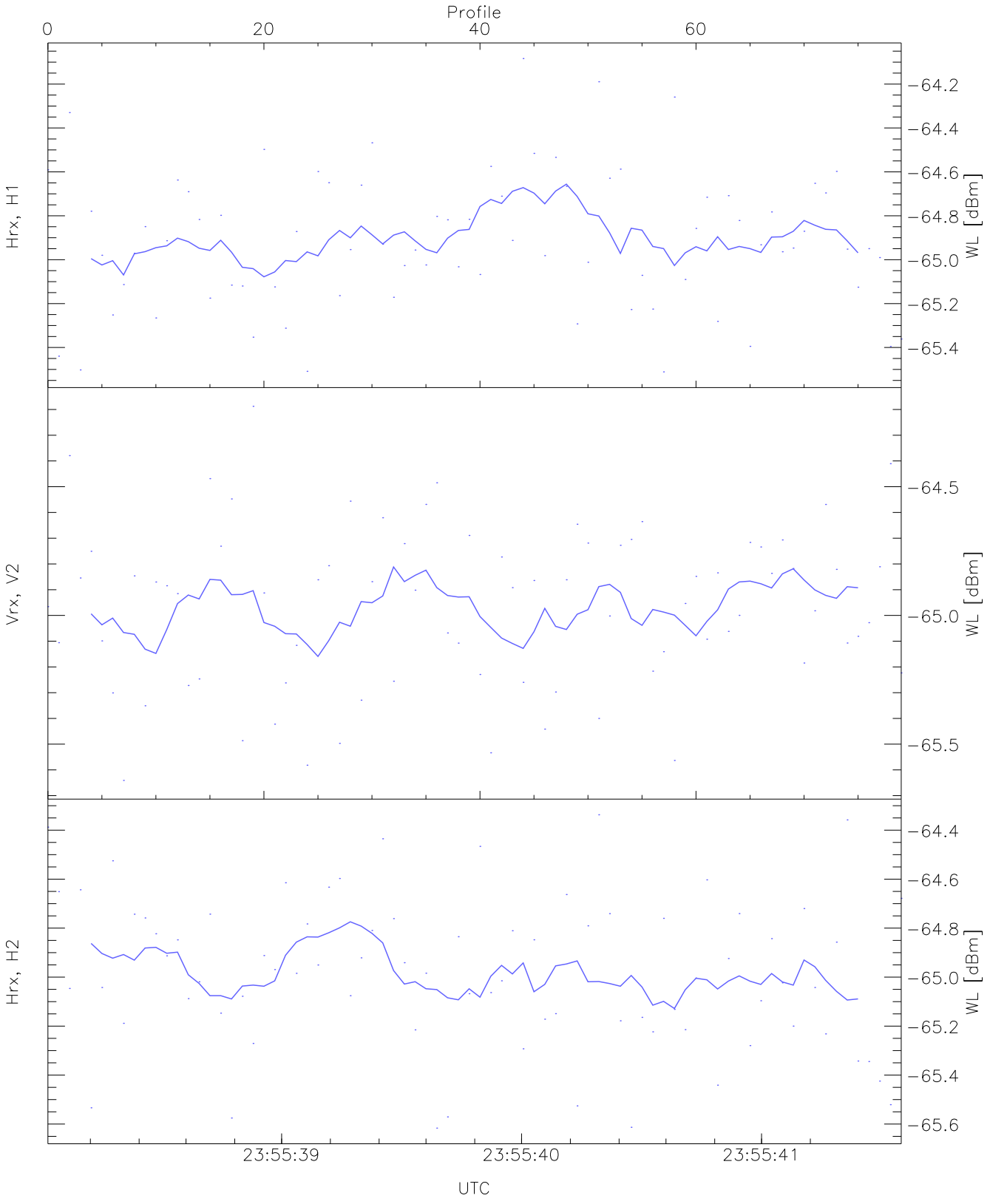
WCR3 CPP Receivers Gain and Noise Figure

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



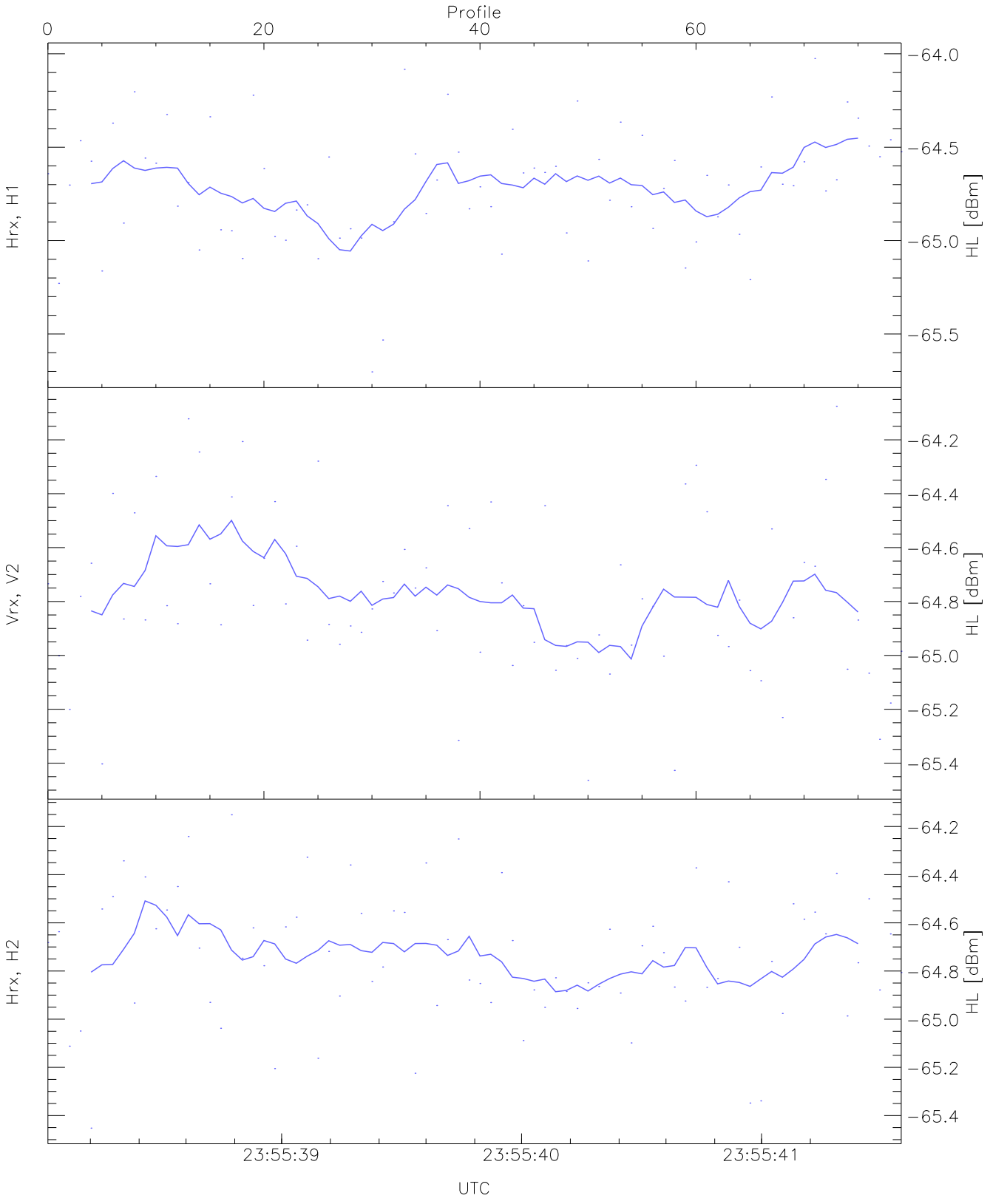
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.27	-65.35	-65.35	-87.00
RMPHrxH1(std_dBm)	-75.78	-74.76	-75.33	-75.32	-88.53
RMPVrxV2(mean_dBm)	-65.04	-64.91	-64.98	-64.98	-86.58
RMPVrxV2(std_dBm)	-75.52	-74.68	-74.99	-74.97	-89.02
RMPHrxH2(mean_dBm)	-65.05	-64.90	-64.97	-64.97	-86.63
RMPHrxH2(std_dBm)	-75.40	-74.67	-75.01	-75.00	-89.04



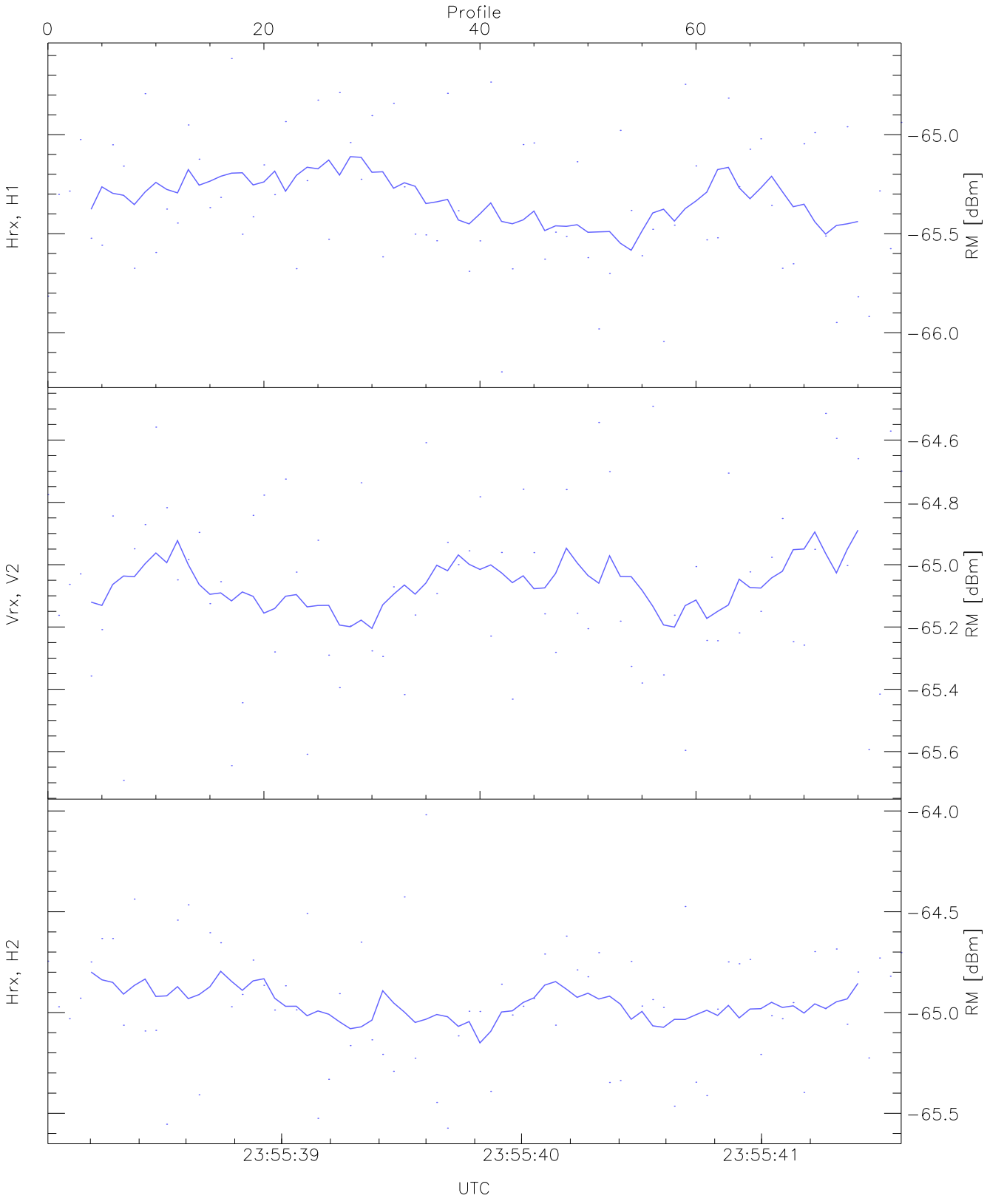
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.51	-64.08	-64.90	-64.93	-76.37
Vrx, V2(WL [dBm])	-65.64	-64.19	-64.95	-64.90	-76.44
Hrx, H2(WL [dBm])	-65.62	-64.34	-64.97	-64.98	-76.50



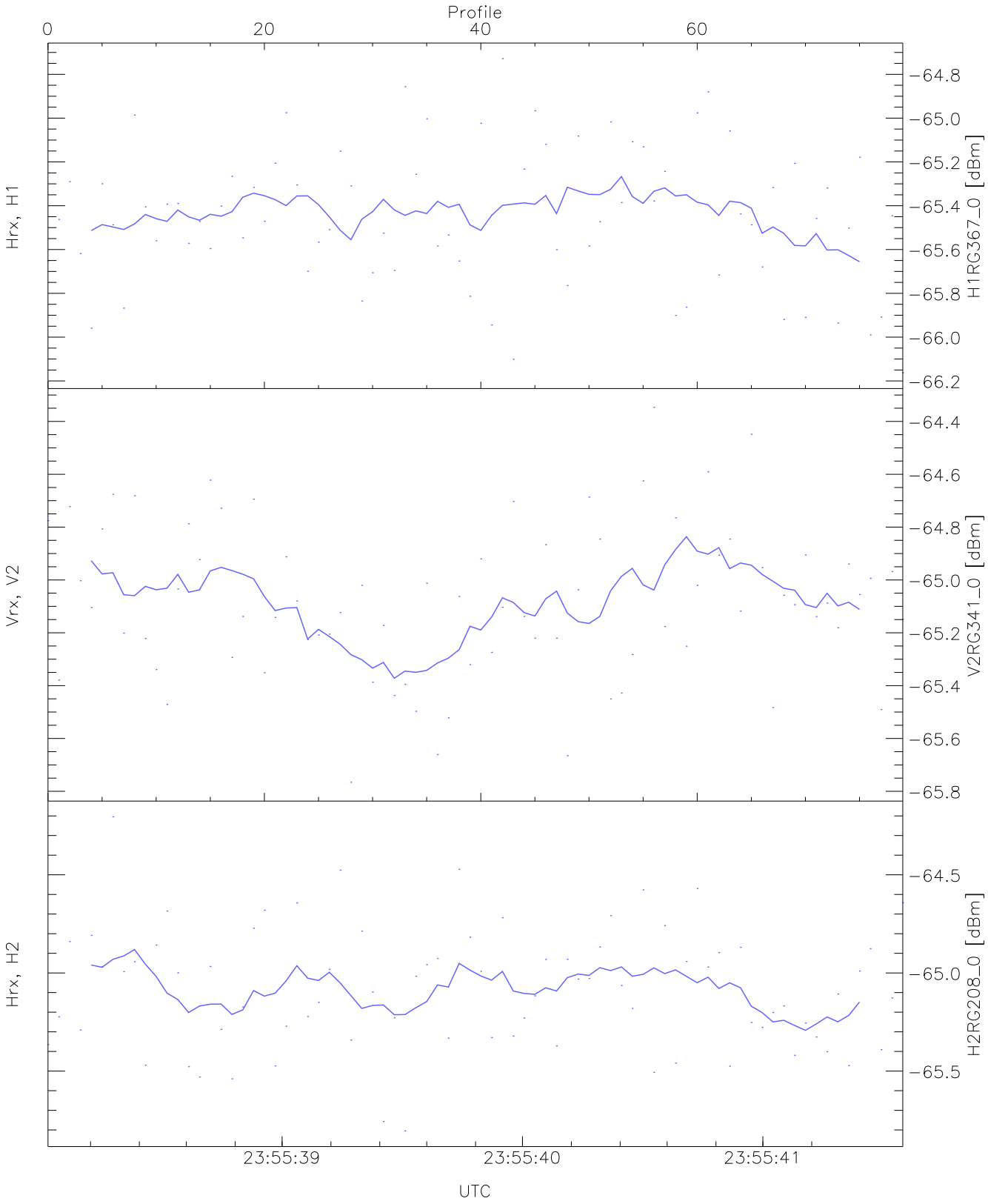
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.70	-64.03	-64.70	-64.69	-76.18
Vrx, V2(HL [dBm])	-65.46	-64.08	-64.78	-64.82	-76.31
Hrx, H2(HL [dBm])	-65.45	-64.15	-64.73	-64.72	-76.86



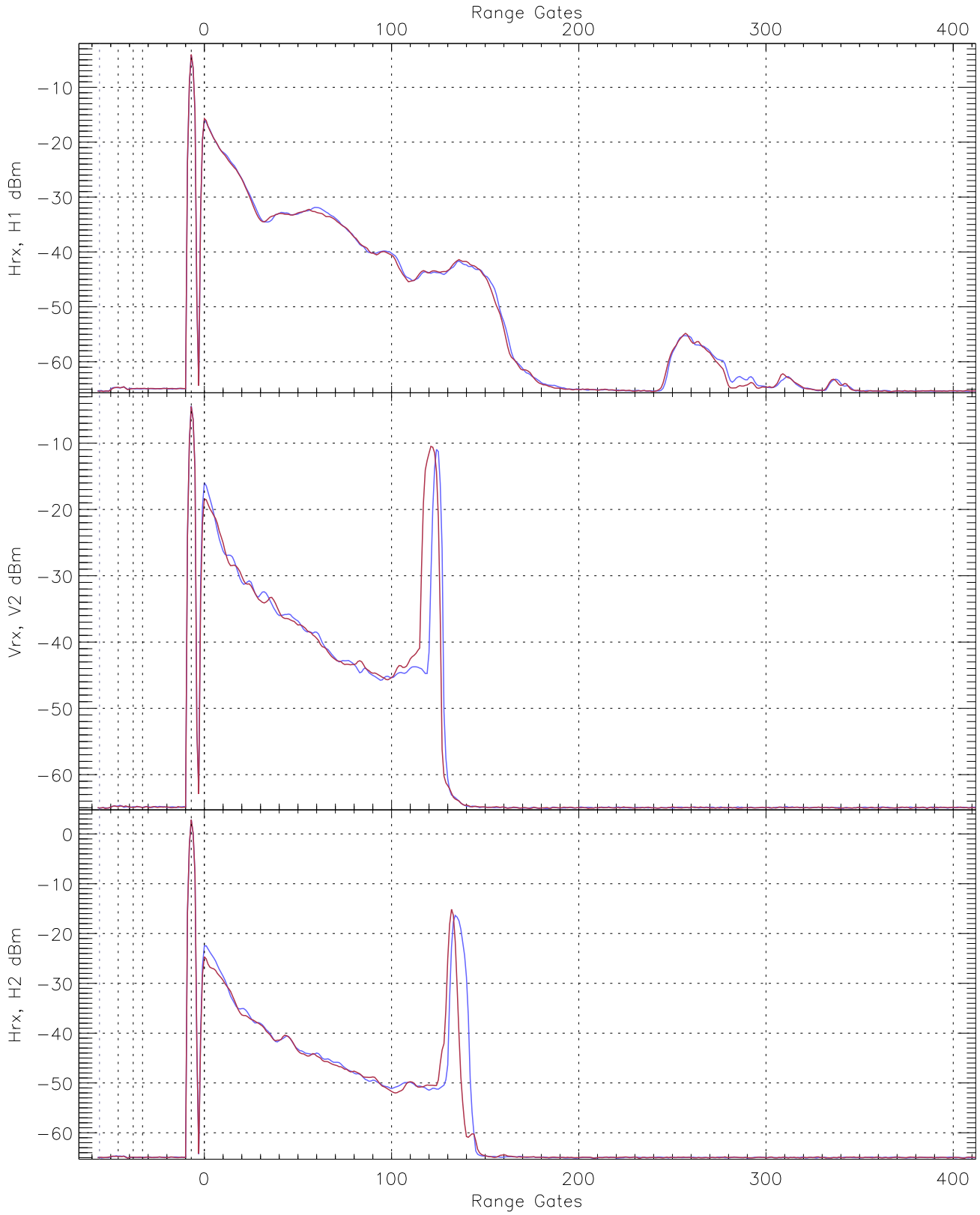
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.20	-64.62	-65.32	-65.37	-76.34
Vrx, V2(RM [dBm])	-65.69	-64.49	-65.05	-65.05	-76.86
Hrx, H2(RM [dBm])	-65.57	-64.02	-64.94	-64.97	-76.52

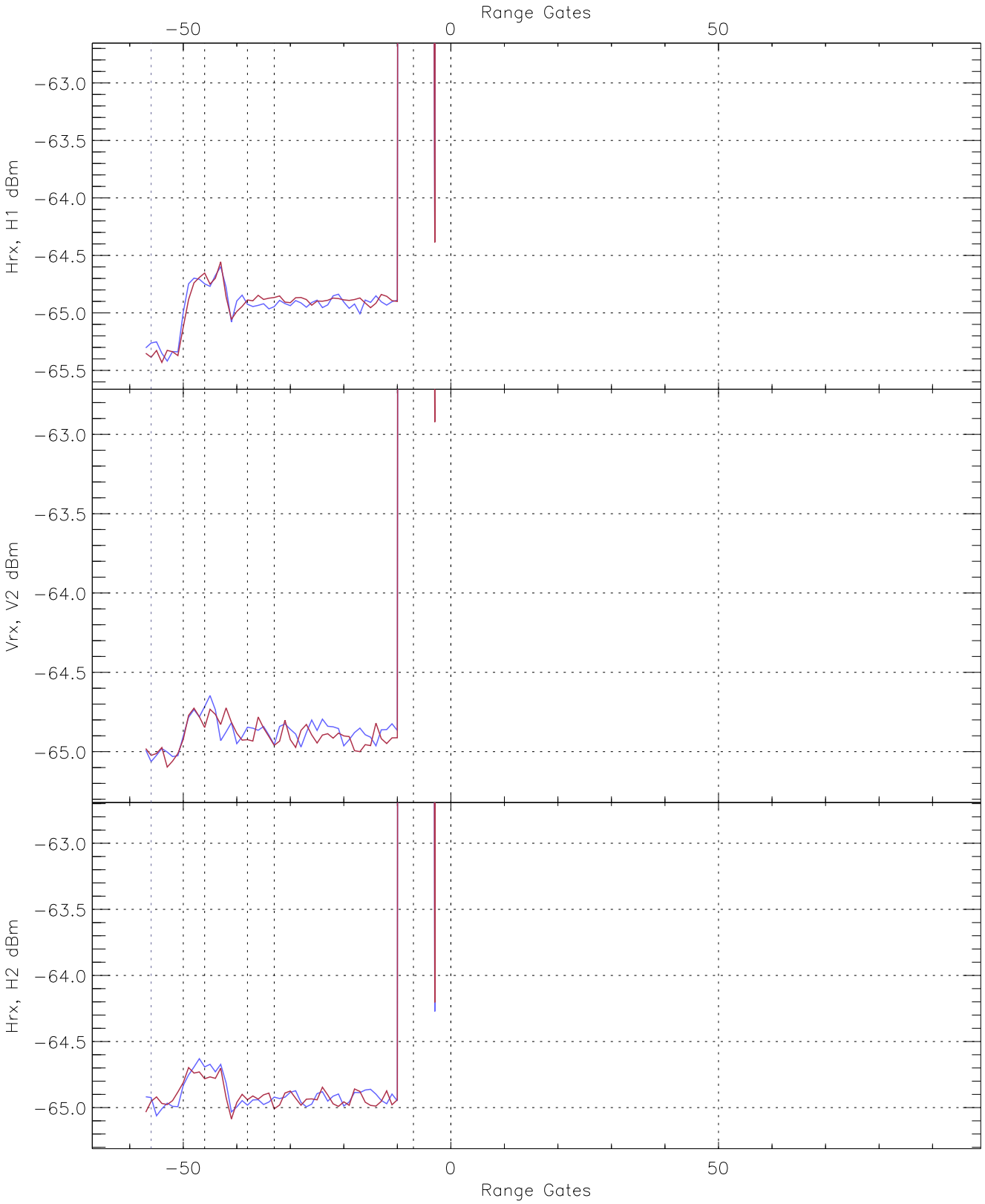


WCR3 CPP "Best" estimate Receivers Noise Power

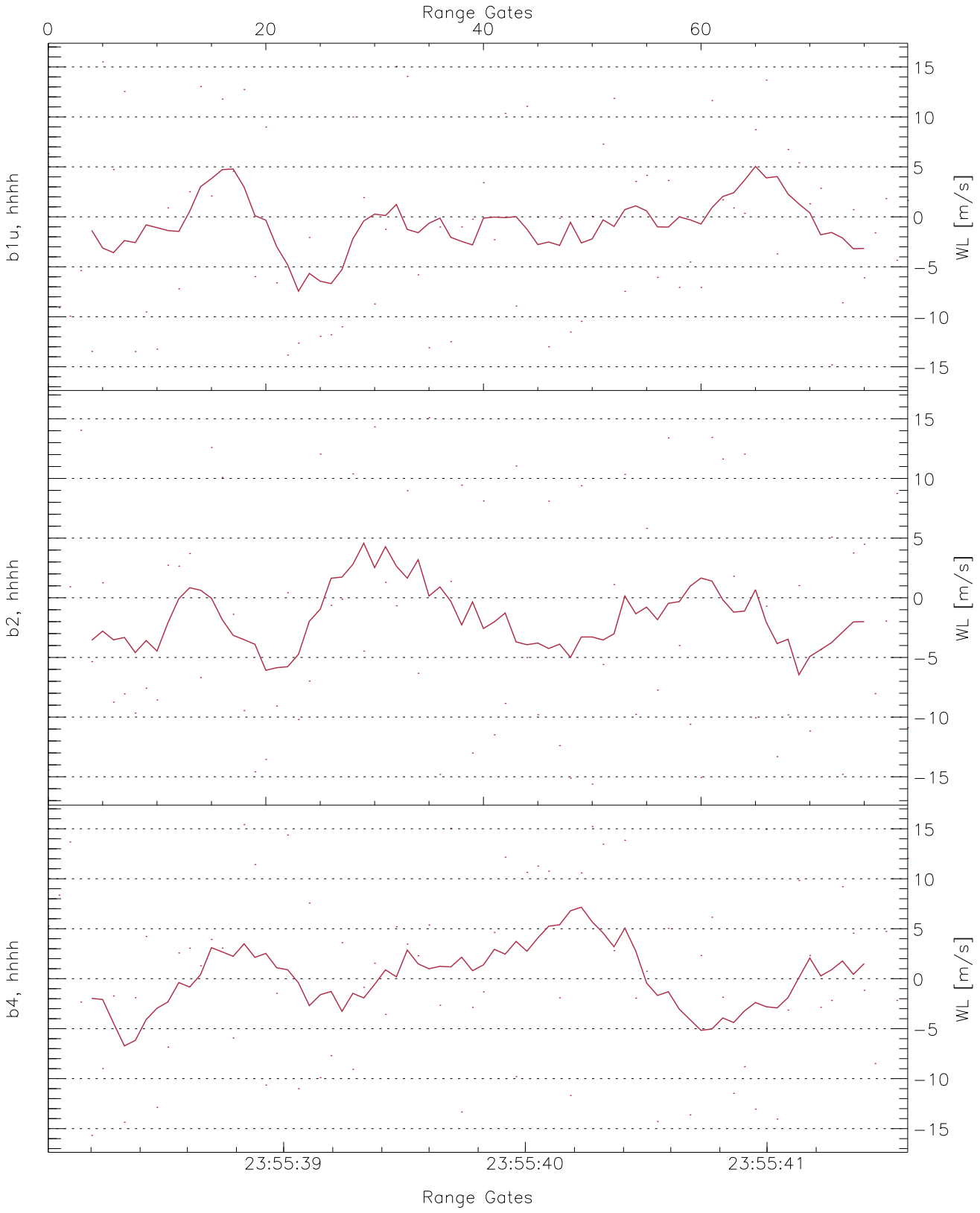
	Min	Max	Mean	Median	StDev
H1RG367_0 [dBm]	-66.16	-64.73	-65.44	-65.46	-76.82
V2RG341_0 [dBm]	-65.77	-64.35	-65.07	-65.09	-76.87
H2RG208_0 [dBm]	-65.80	-64.20	-65.07	-65.06	-76.55



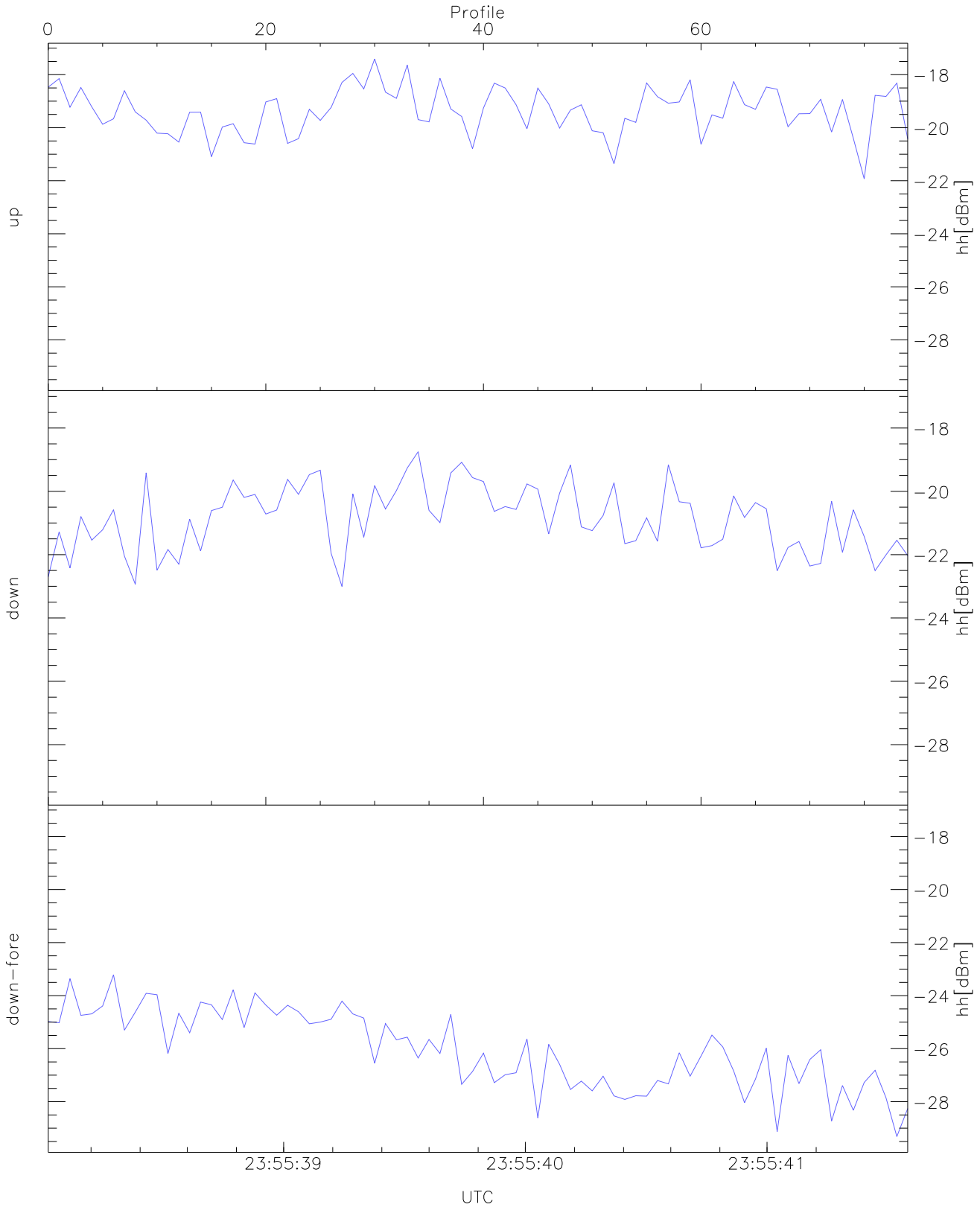
WCR3 CPP Averaged Received power for all recorded gates
blue: 235538-235540, 41 profiles averaged
red: 235540-235542, 40 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 235538-235540, 41 profiles averaged
red: 235540-235542, 40 profiles averaged

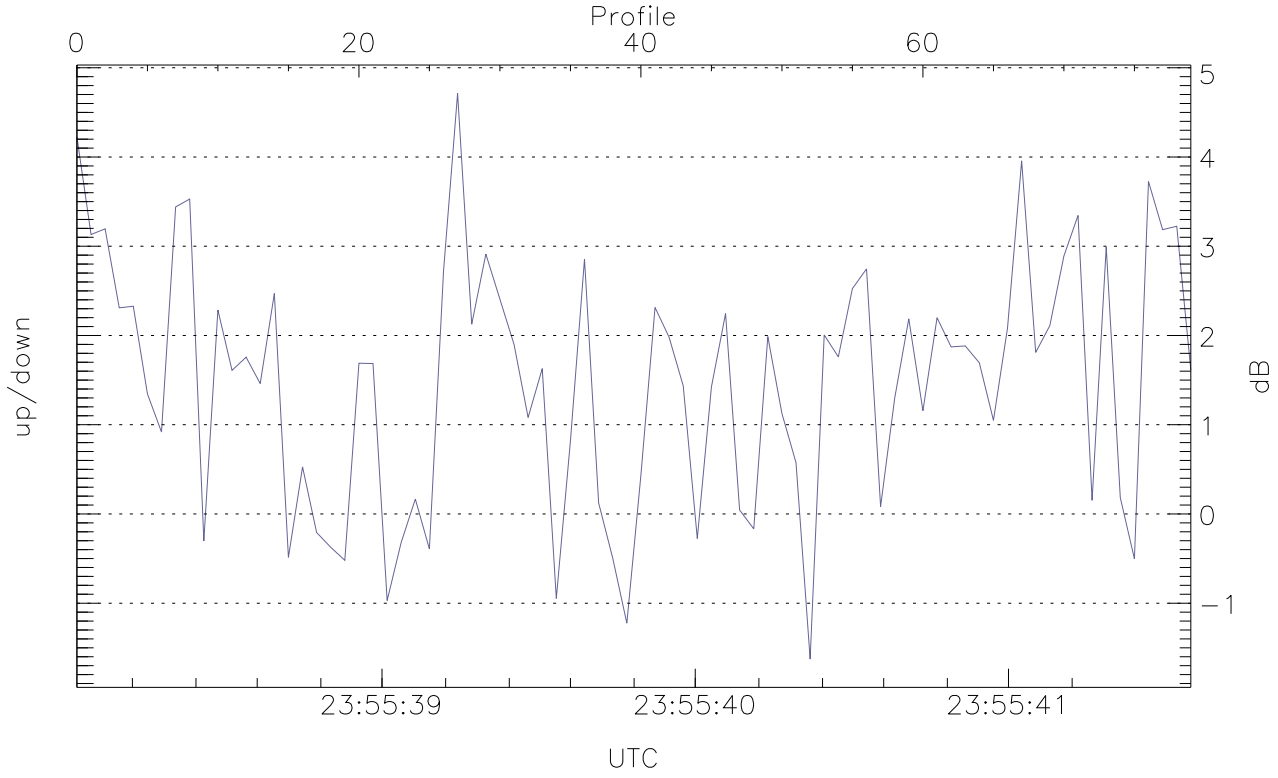


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



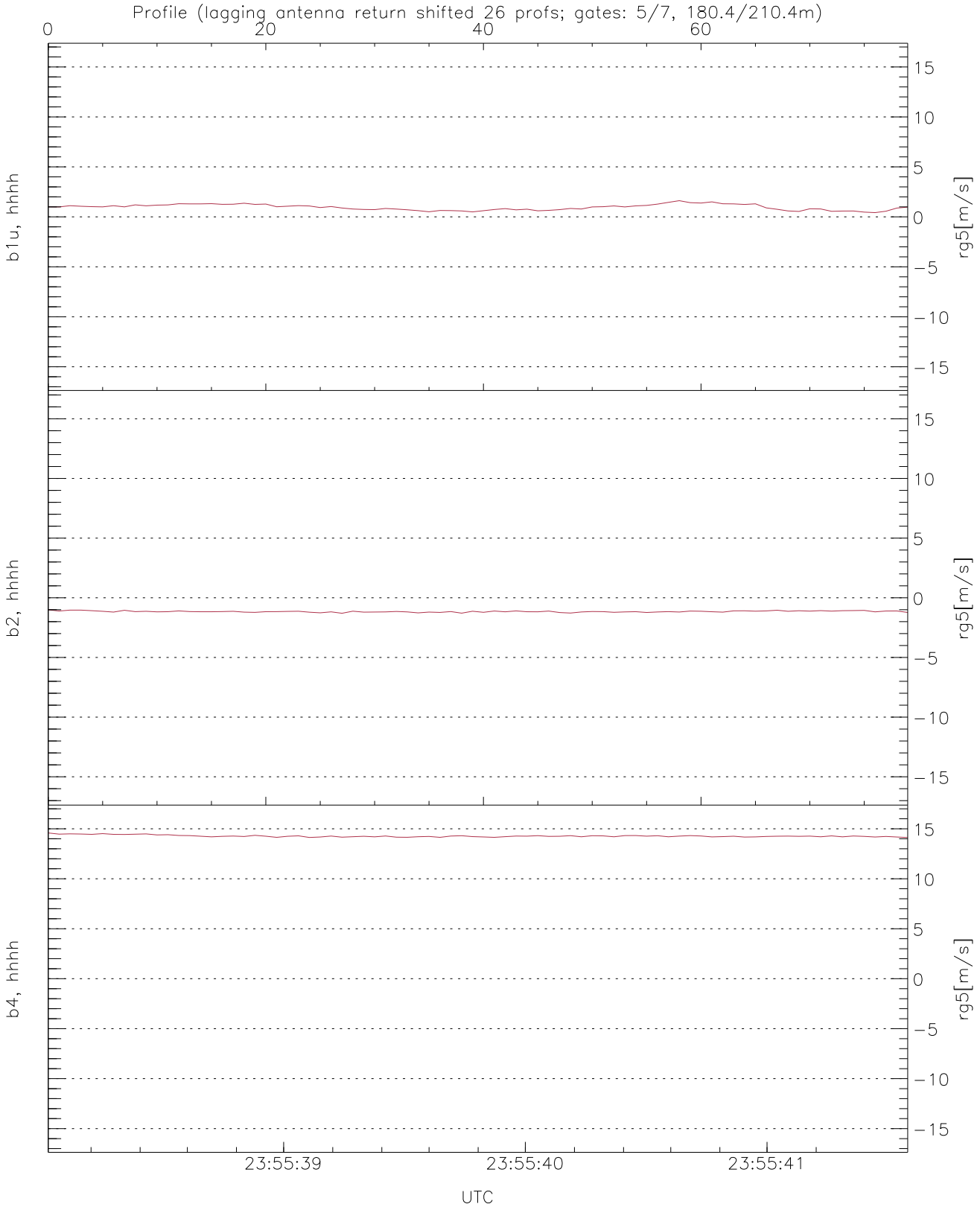
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-21.93	-17.41	-19.28
down(hh[dBm])	-23.01	-18.75	-20.75
down-fore(hh[dBm])	-29.31	-23.21	-25.82



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-1.63	4.71	1.50
down/down-fore(dB)	3.84	10.23	7.16



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.42	1.62	0.96	0.29
b2, hhhh(rg5[m/s])	-1.30	-1.01	-1.15	0.06
b4, hhhh(rg5[m/s])	14.13	14.58	14.27	0.10