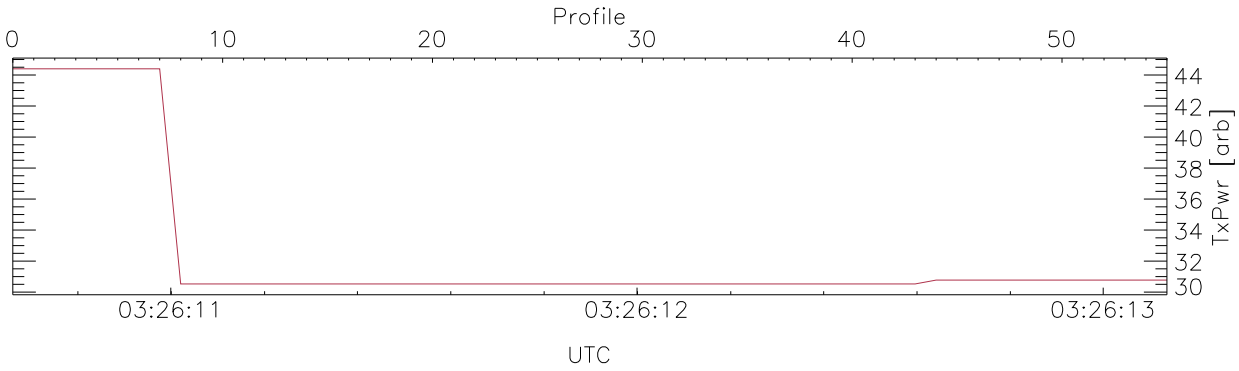
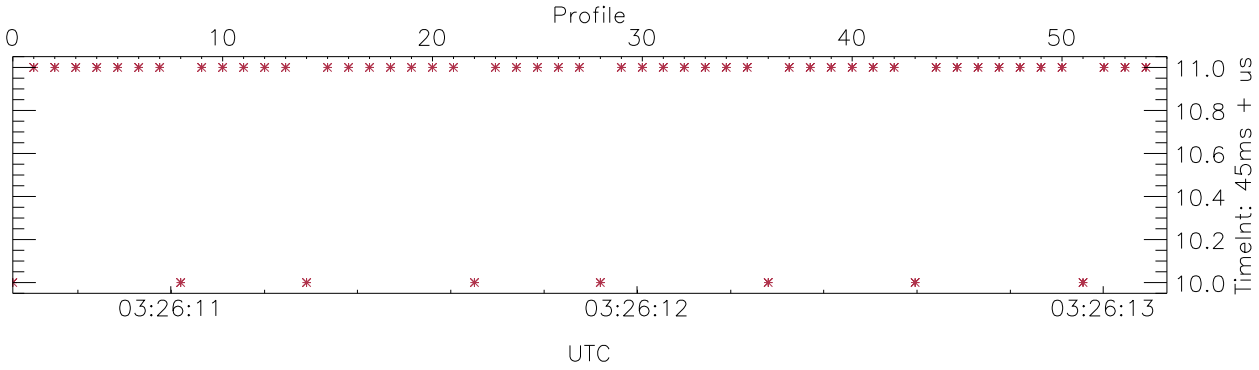
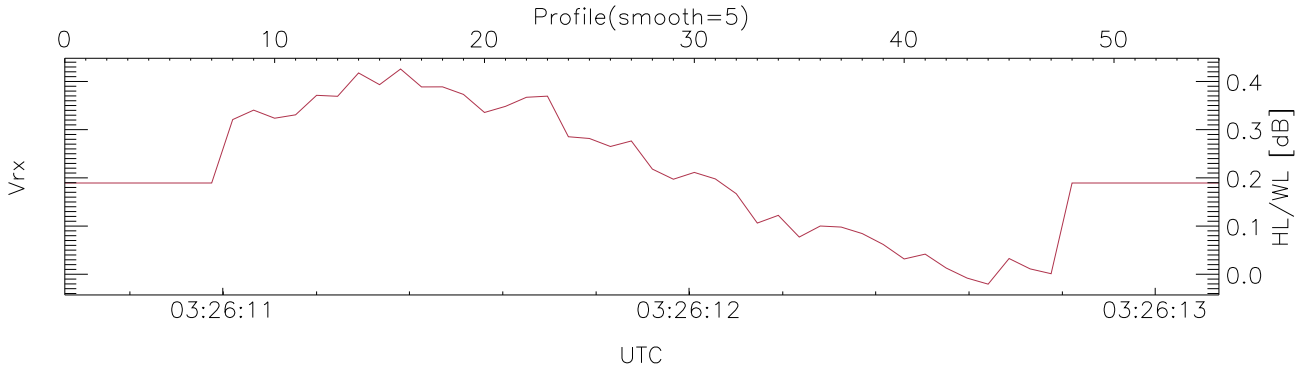
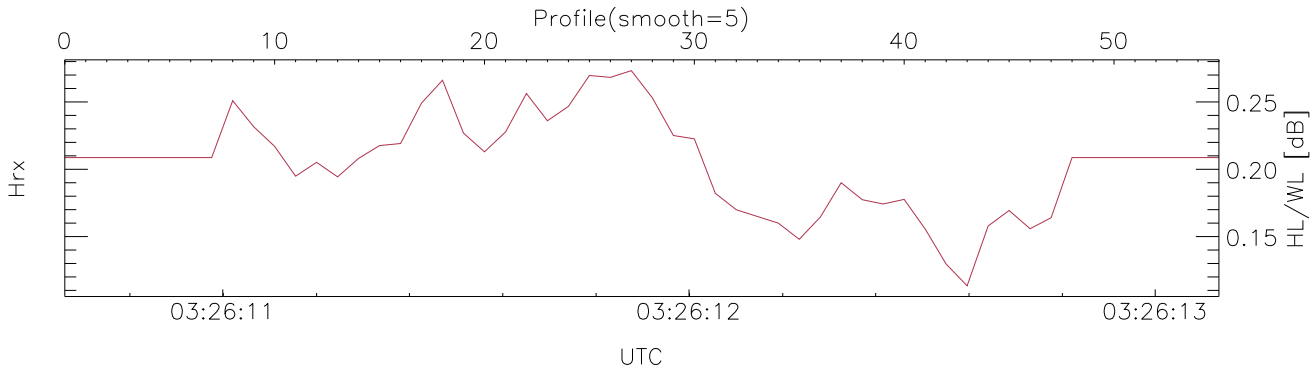


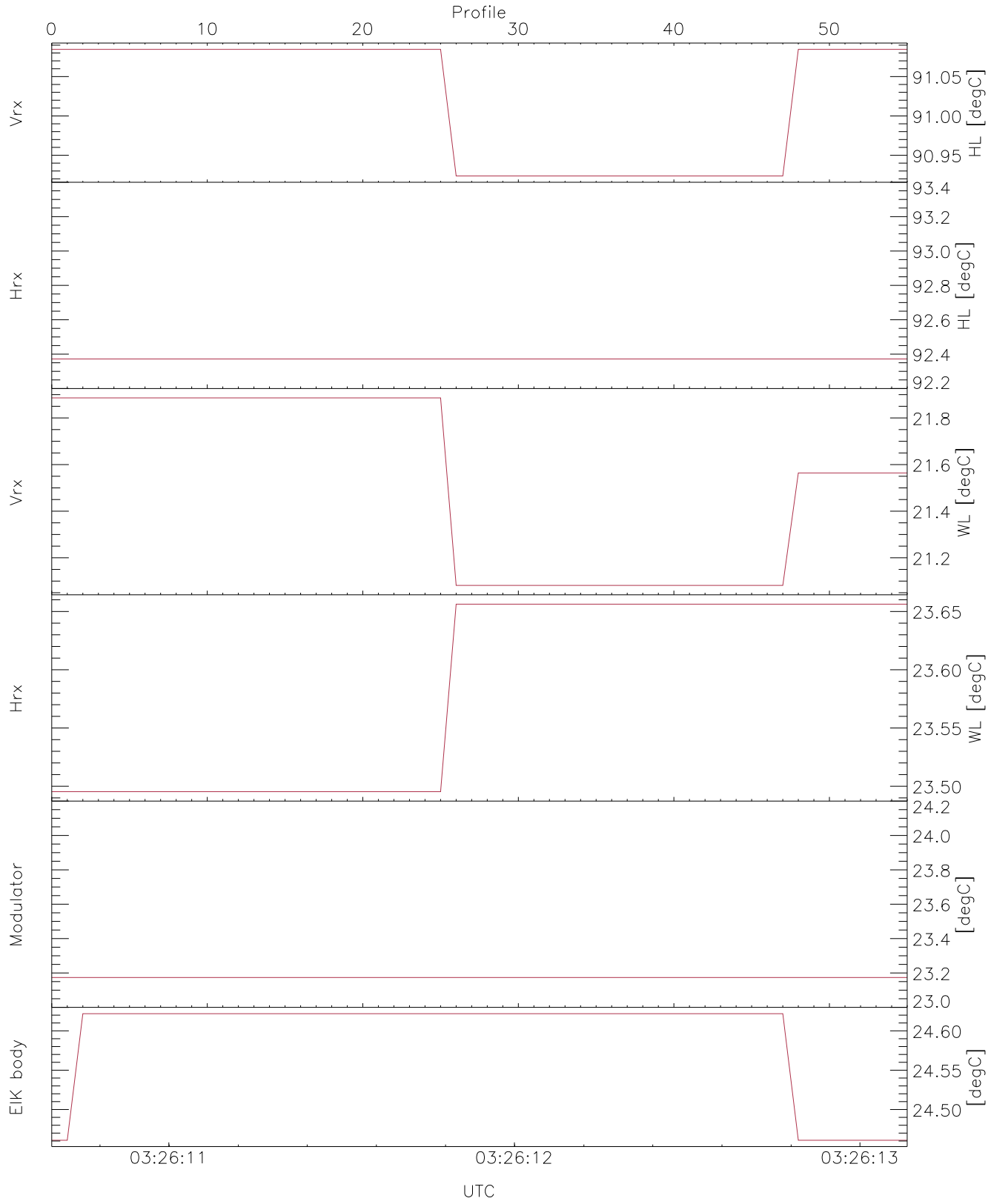






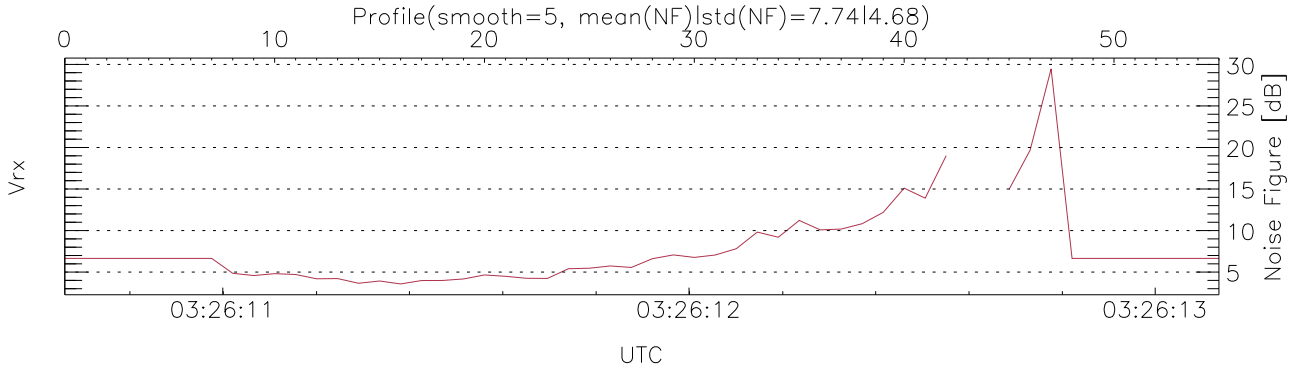
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

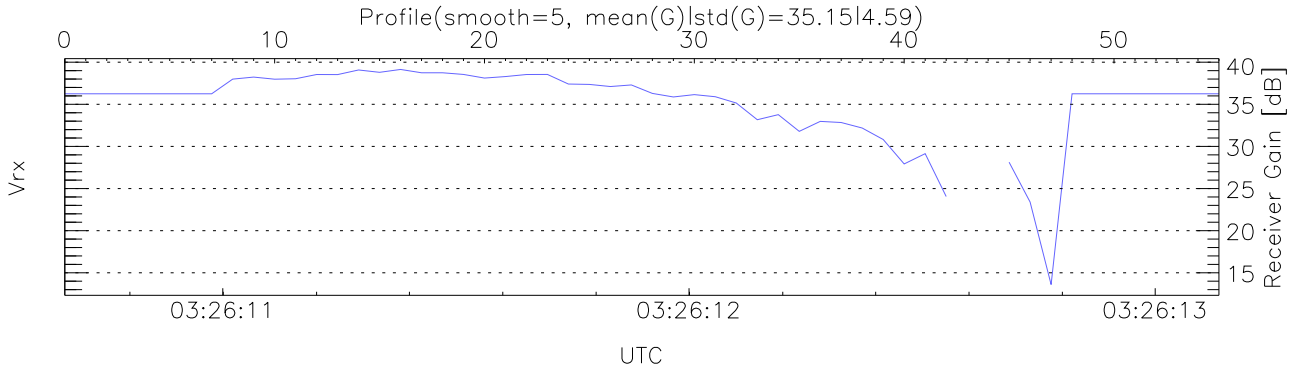
UTC: 03:26:11-03:26:13, TimeCor: 0.00s, Dur: 2.48s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 56/56, 0-55/03:26:11-03:26:13
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 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

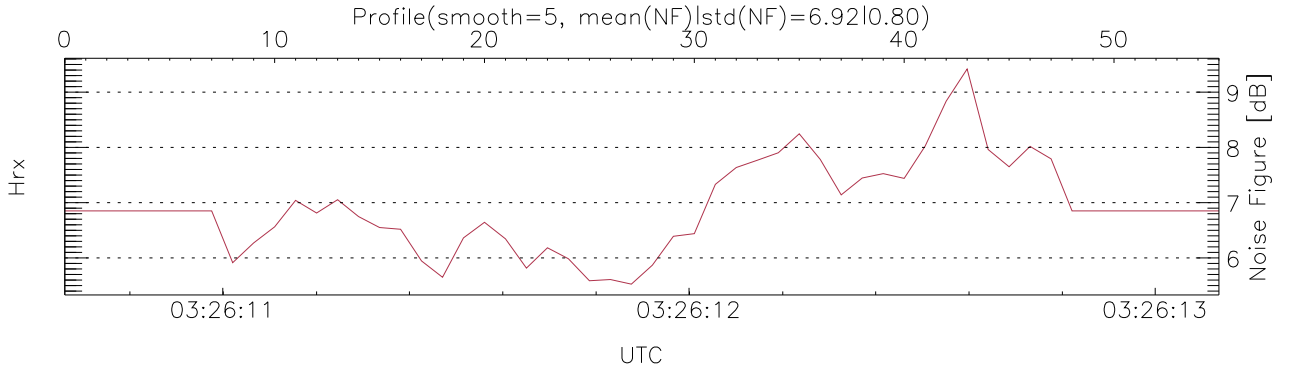


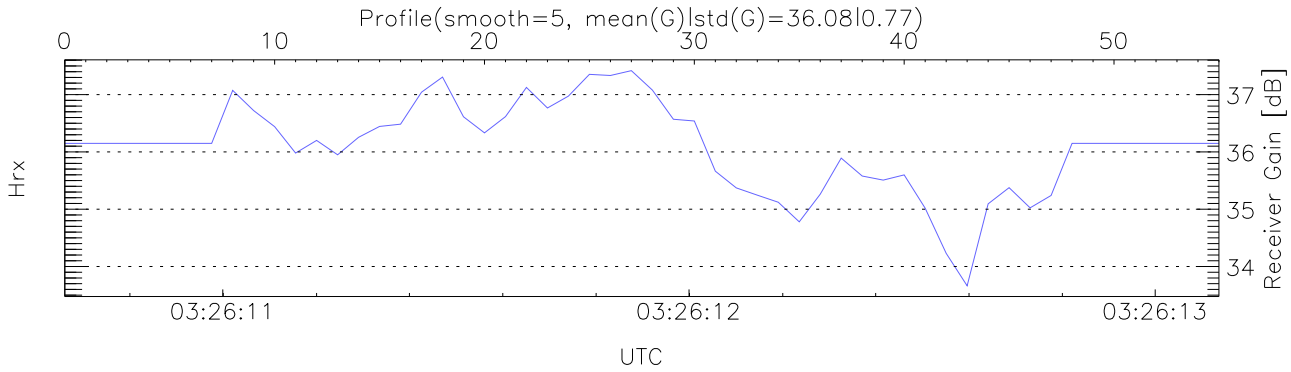
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,21,23,23,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,23,24
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



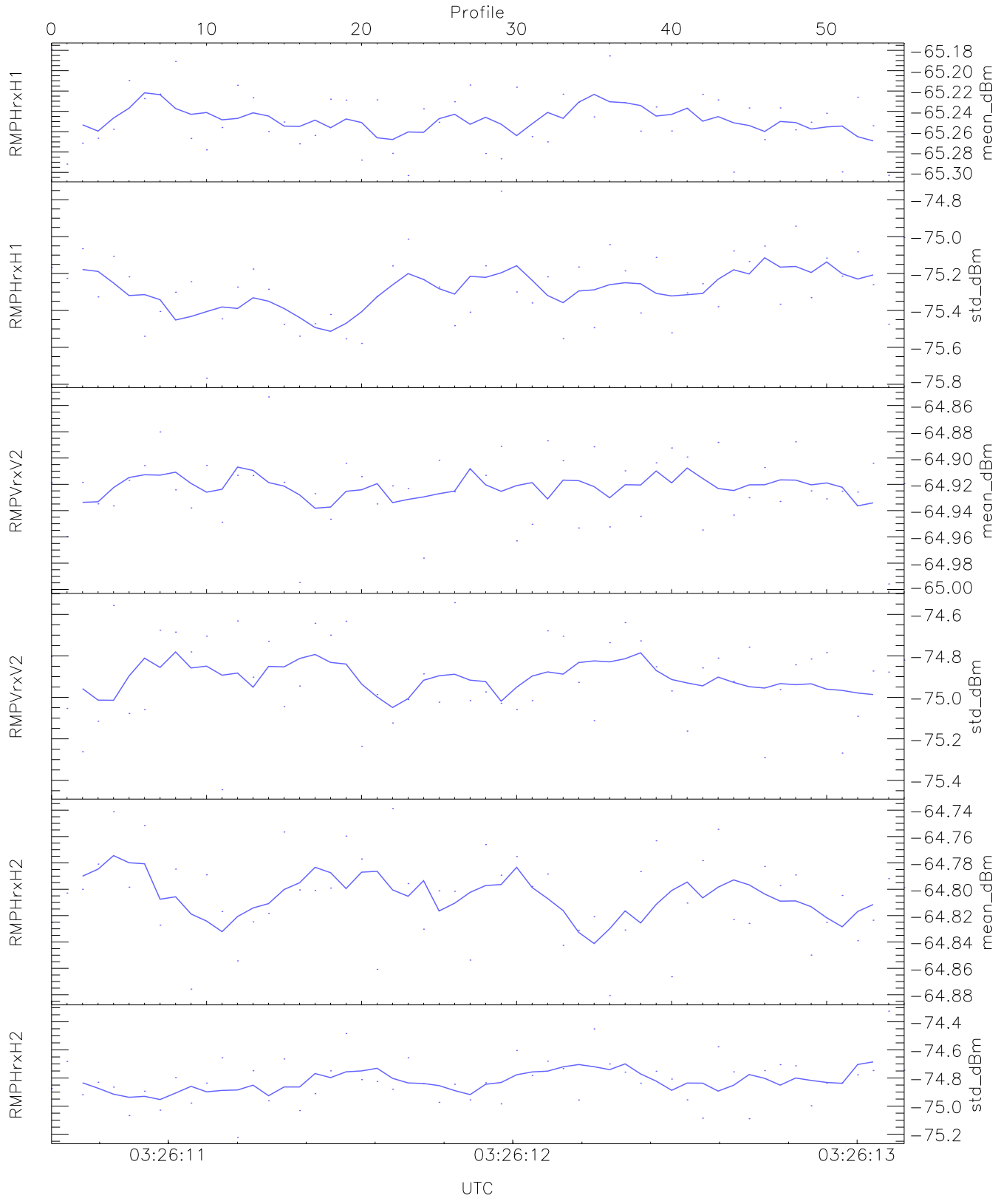






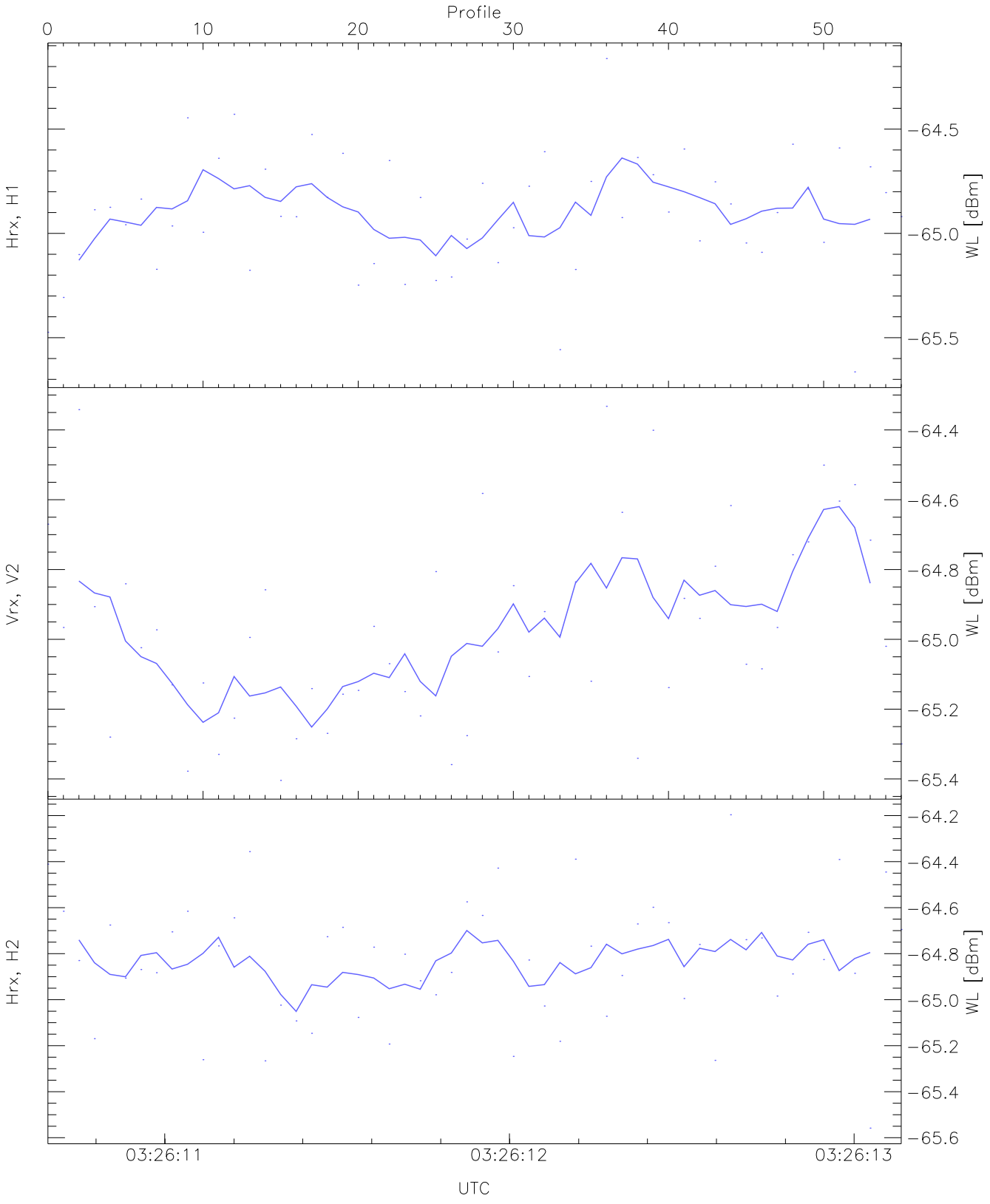
WCR3 CPP Receivers Gain and Noise Figure

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



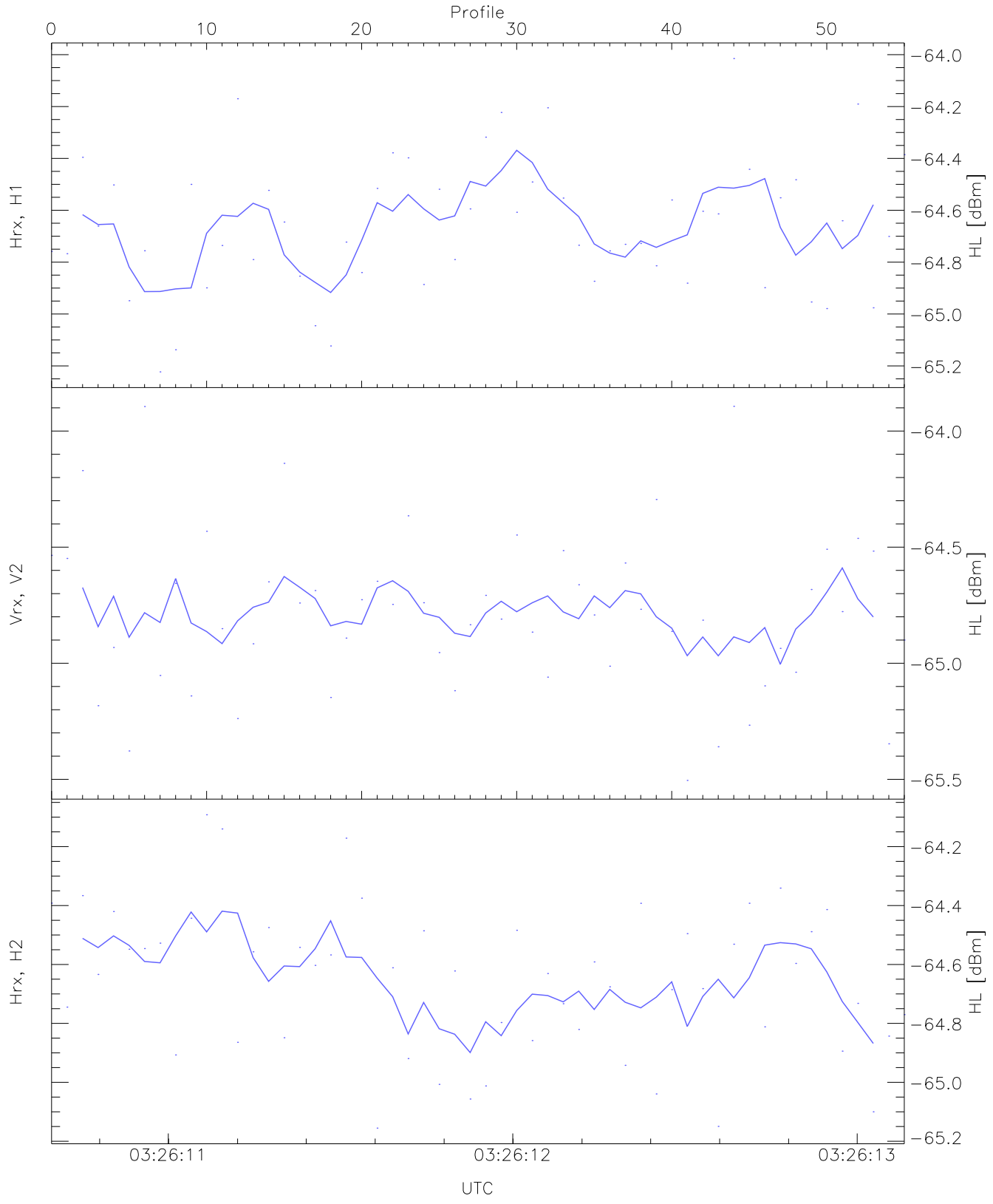
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.30	-65.18	-65.25	-65.25	-87.02
RMPHrxH1(std_dBm)	-75.77	-74.75	-75.28	-75.27	-88.91
RMPVrxV2(mean_dBm)	-65.00	-64.85	-64.92	-64.92	-87.01
RMPVrxV2(std_dBm)	-75.45	-74.54	-74.90	-74.89	-88.29
RMPHrxH2(mean_dBm)	-64.88	-64.74	-64.81	-64.80	-86.05
RMPHrxH2(std_dBm)	-75.22	-74.32	-74.81	-74.82	-89.05



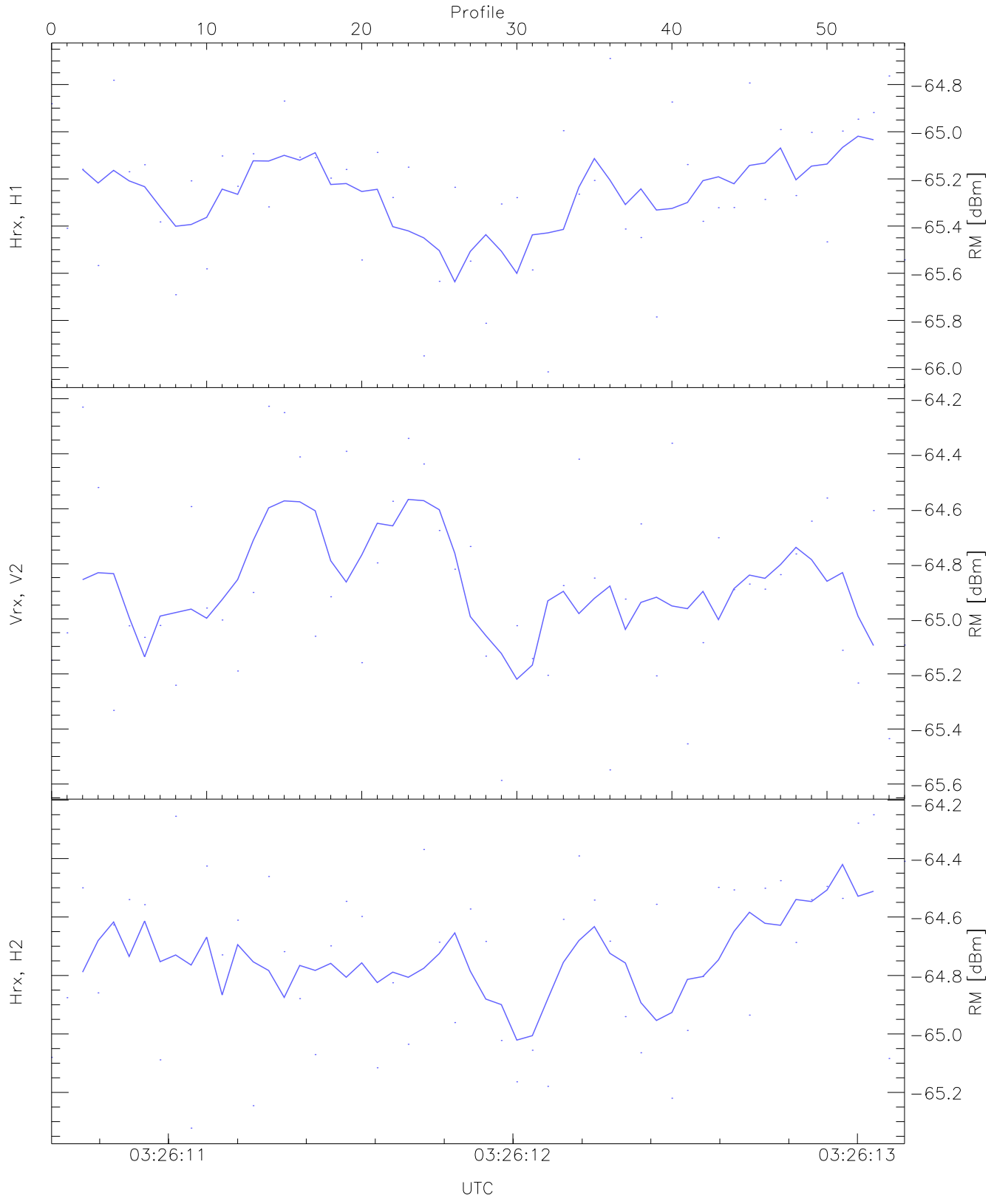
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.66	-64.16	-64.90	-64.90	-76.78
Vrx, V2(WL [dBm])	-65.40	-64.33	-64.96	-64.99	-76.94
Hrx, H2(WL [dBm])	-65.56	-64.20	-64.82	-64.80	-76.90



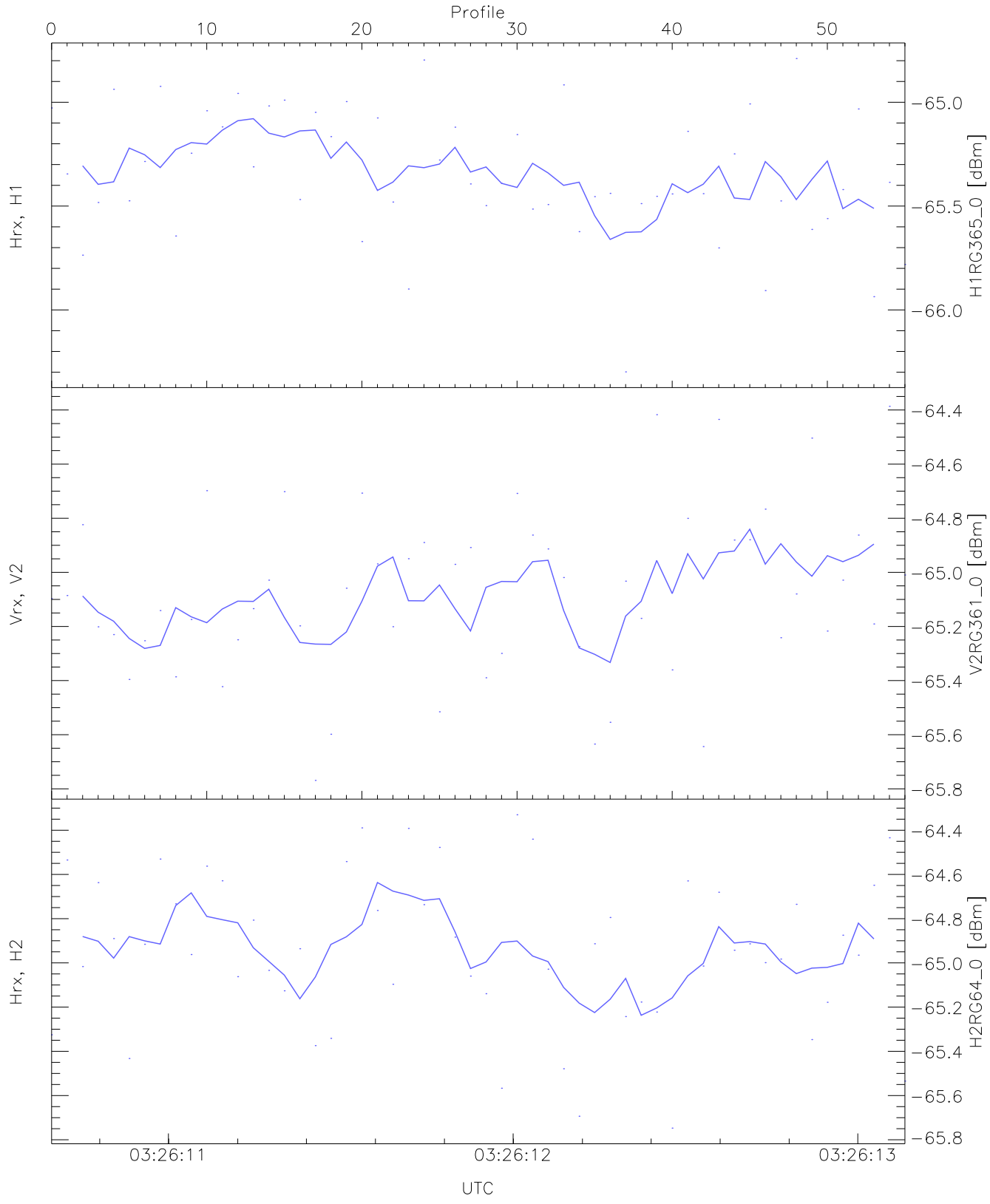
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.22	-64.02	-64.65	-64.66	-76.91
Vrx, V2(HL [dBm])	-65.50	-63.89	-64.77	-64.78	-75.72
Hrx, H2(HL [dBm])	-65.16	-64.09	-64.65	-64.61	-77.07



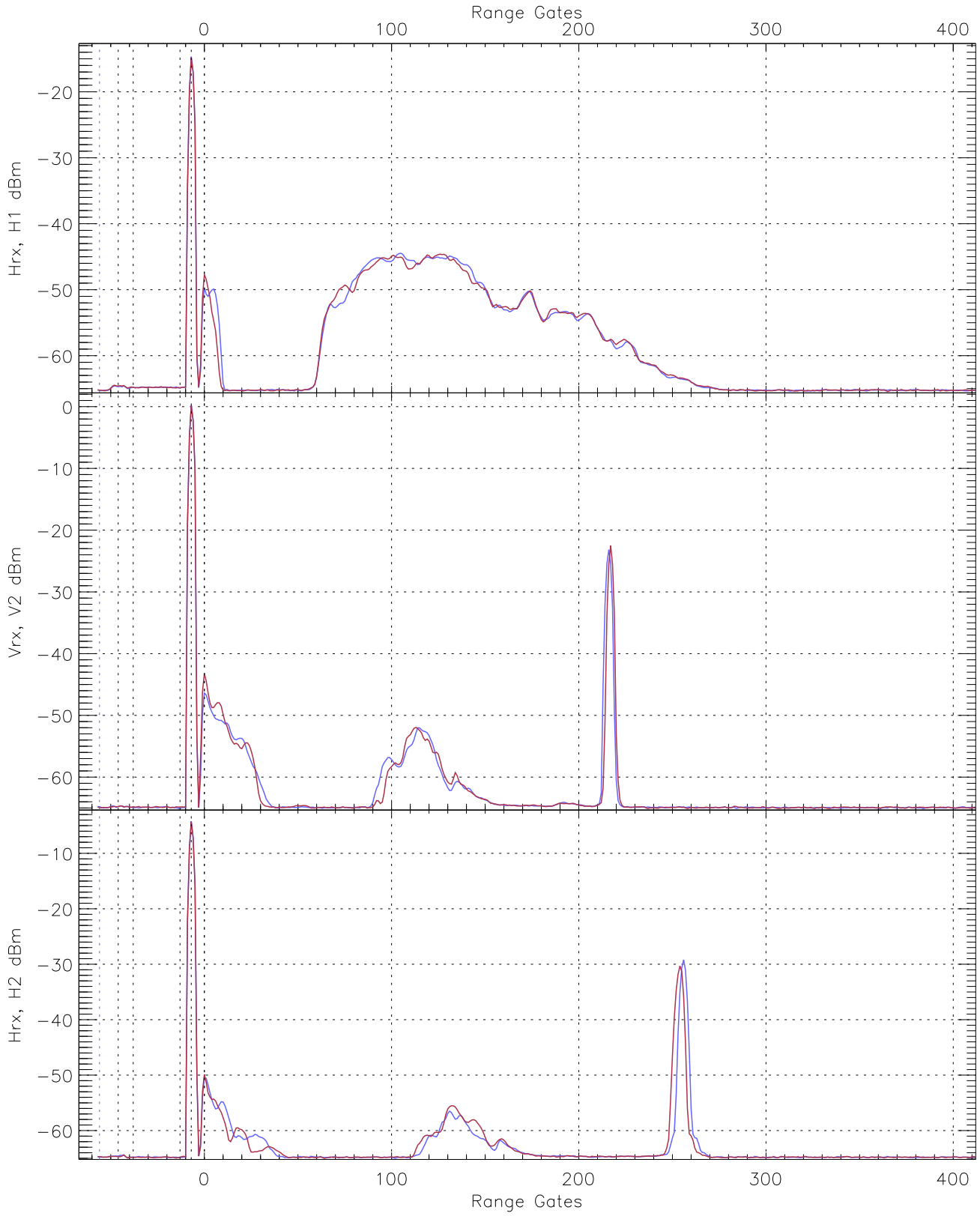
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.02	-64.69	-65.25	-65.23	-77.00
Vrx, V2(RM [dBm])	-65.59	-64.23	-64.87	-64.89	-75.95
Hrx, H2(RM [dBm])	-65.32	-64.25	-64.73	-64.68	-76.67

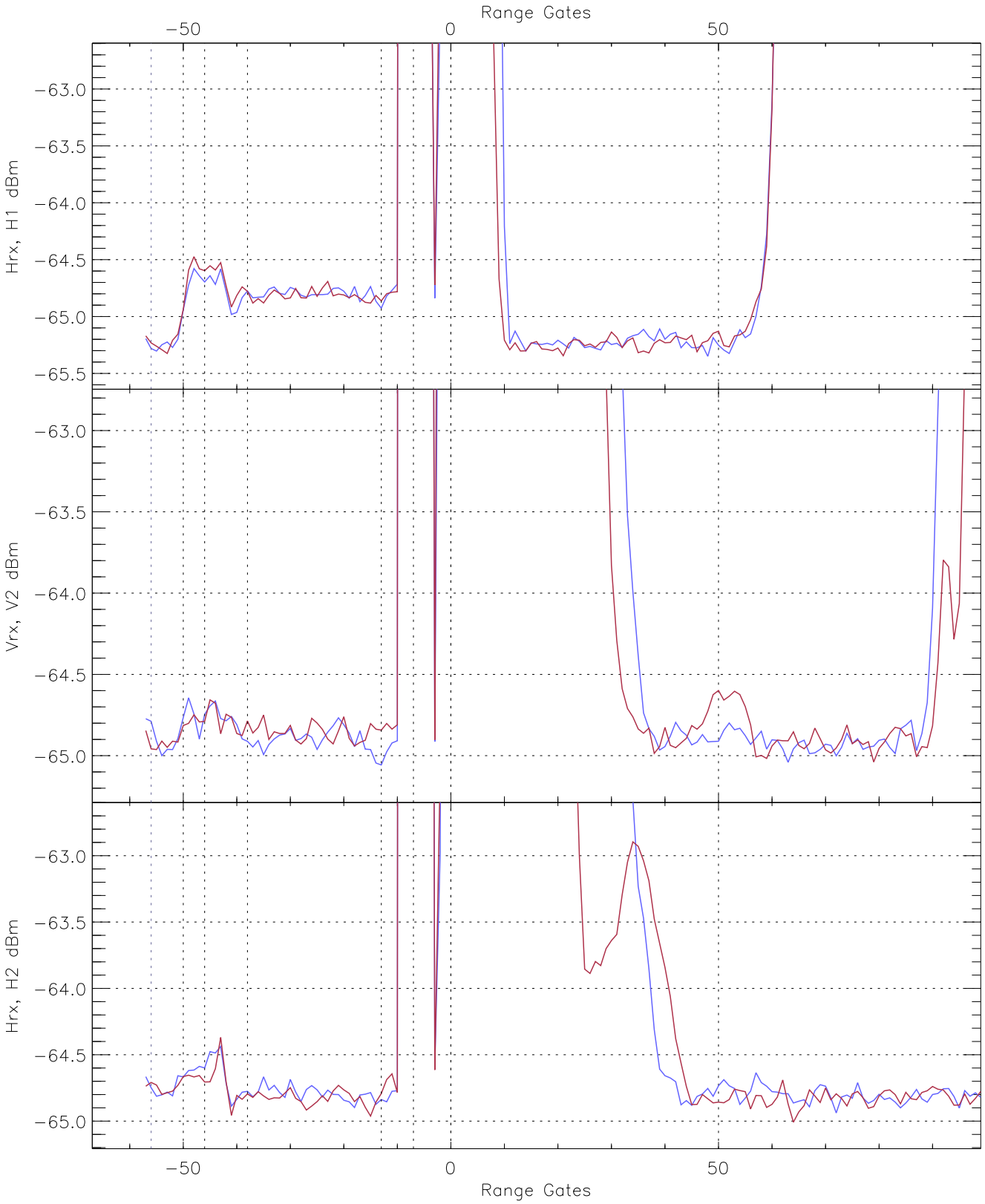


WCR3 CPP "Best" estimate Receivers Noise Power

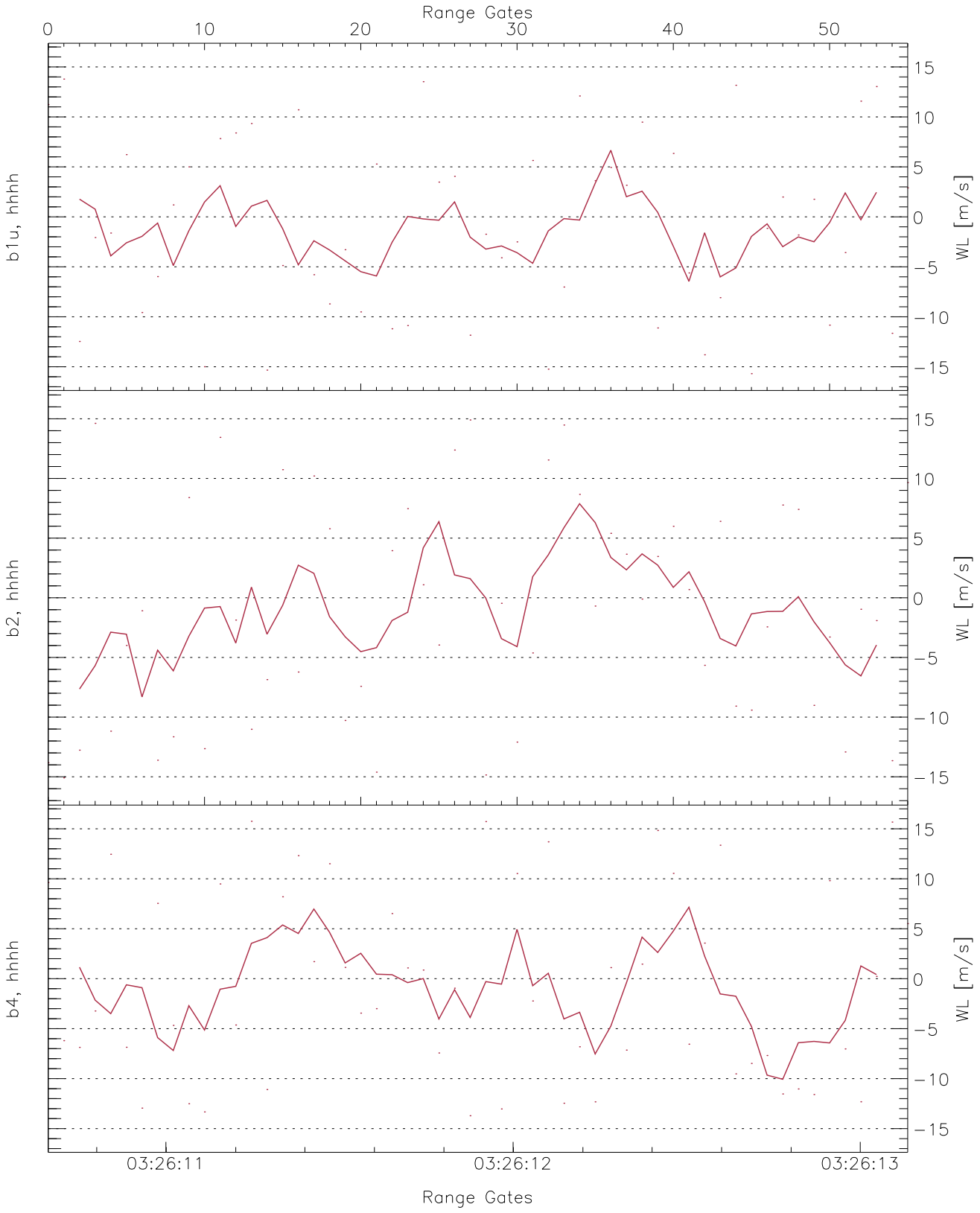
	Min	Max	Mean	Median	StDev
H1RG365_0 [dBm]	-66.30	-64.79	-65.34	-65.39	-76.84
V2RG361_0 [dBm]	-65.77	-64.39	-65.07	-65.08	-76.52
H2RG64_0 [dBm]	-65.75	-64.33	-64.93	-64.94	-76.00



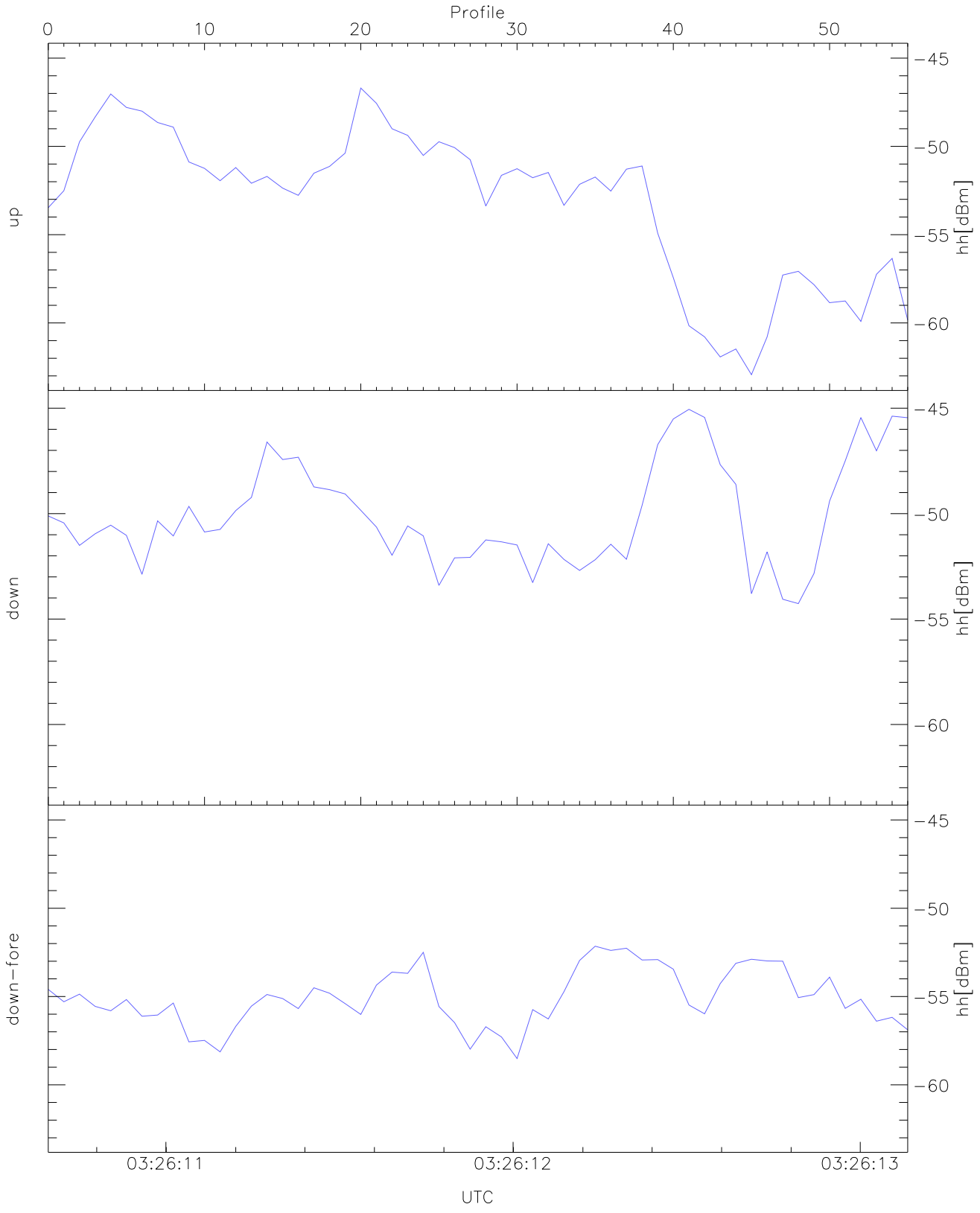
WCR3 CPP Averaged Received power for all recorded gates
blue: 032611-032612, 29 profiles averaged
red: 032612-032613, 28 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 032611-032612, 29 profiles averaged
red: 032612-032613, 28 profiles averaged

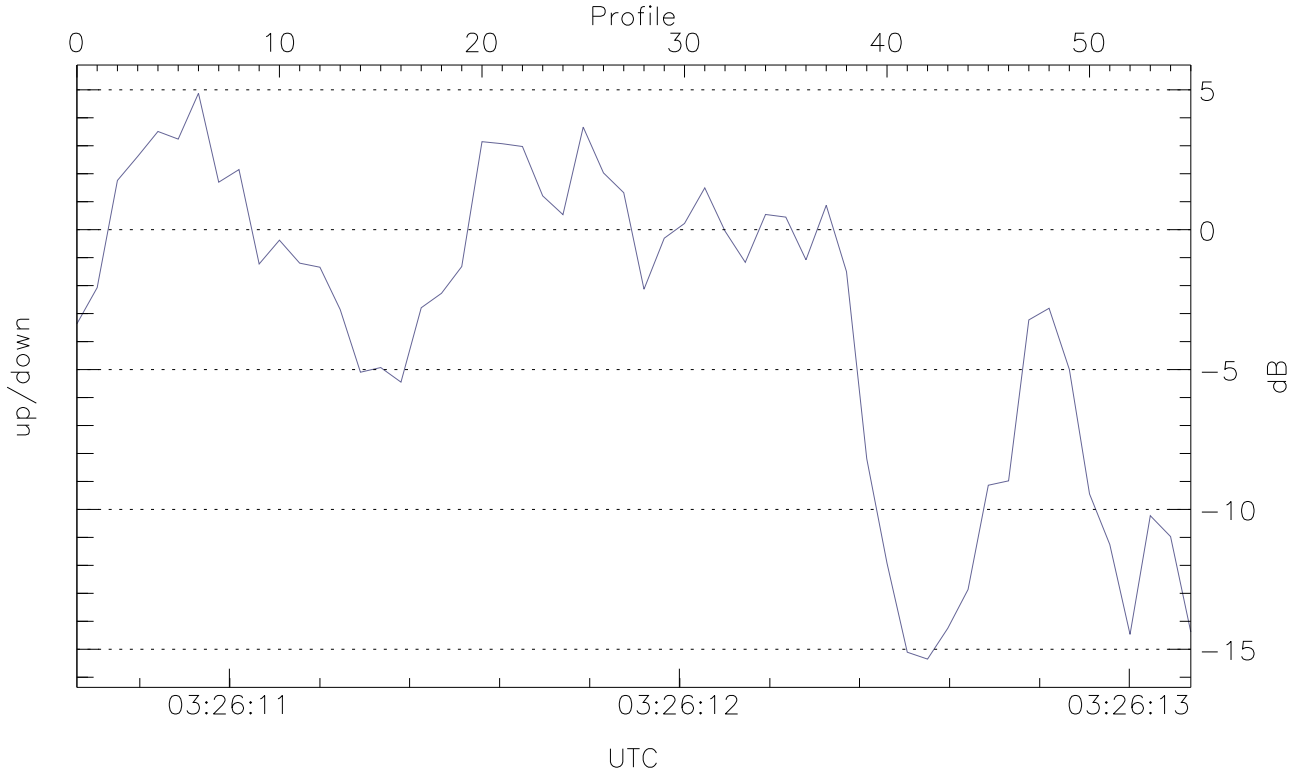


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



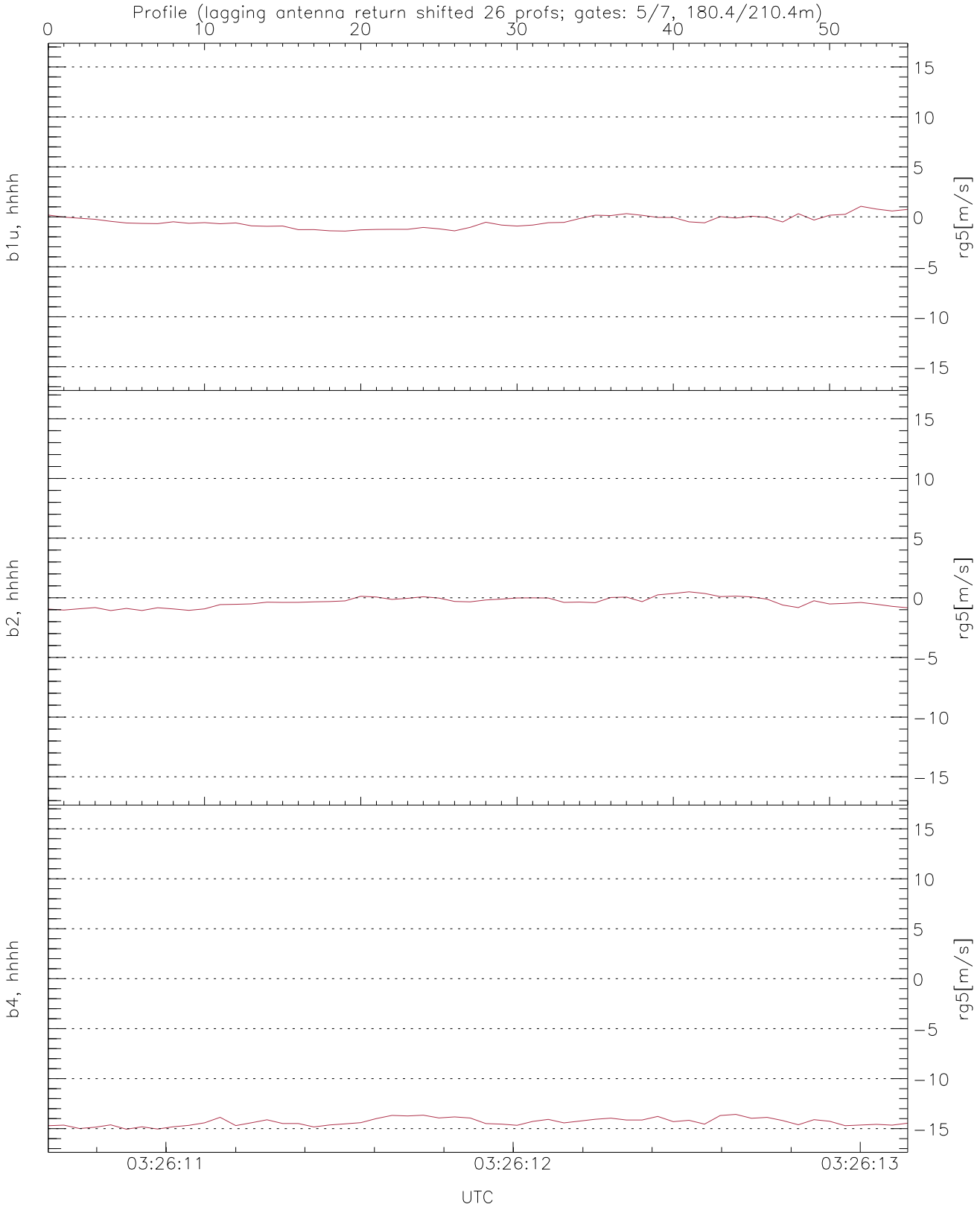
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-62.93	-46.70	-51.60
down(hh[dBm])	-54.27	-45.05	-49.33
down-fore(hh[dBm])	-58.51	-52.15	-54.80



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

	Min	Max	Mean
up/down(dB)	-15.35	4.88	-3.16
down/down-fore(dB)	1.26	9.42	5.34



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.42	1.06	-0.45	0.61
b2, hhhh(rg5[m/s])	-1.07	0.50	-0.36	0.41
b4, hhhh(rg5[m/s])	-15.06	-13.57	-14.34	0.38