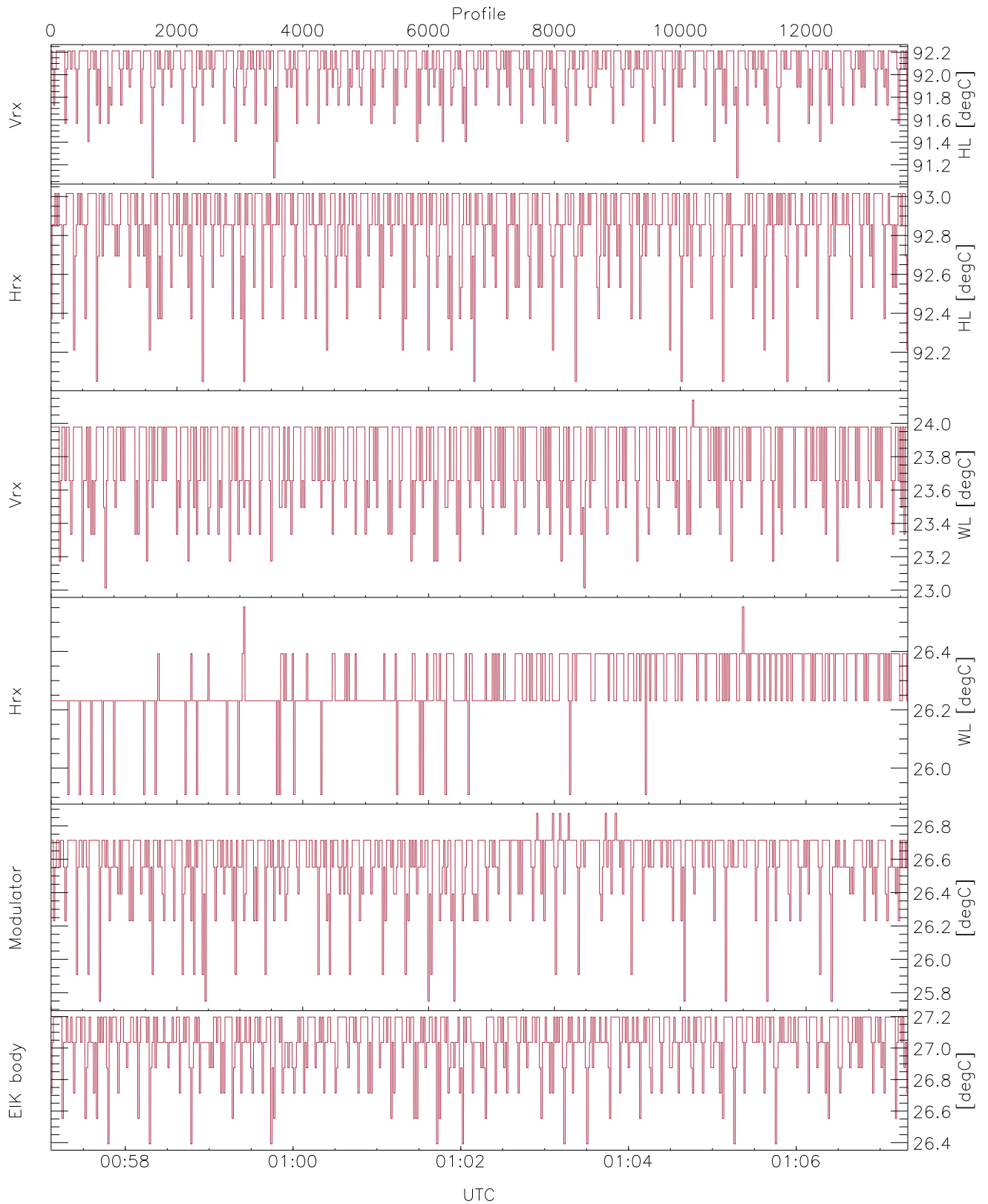


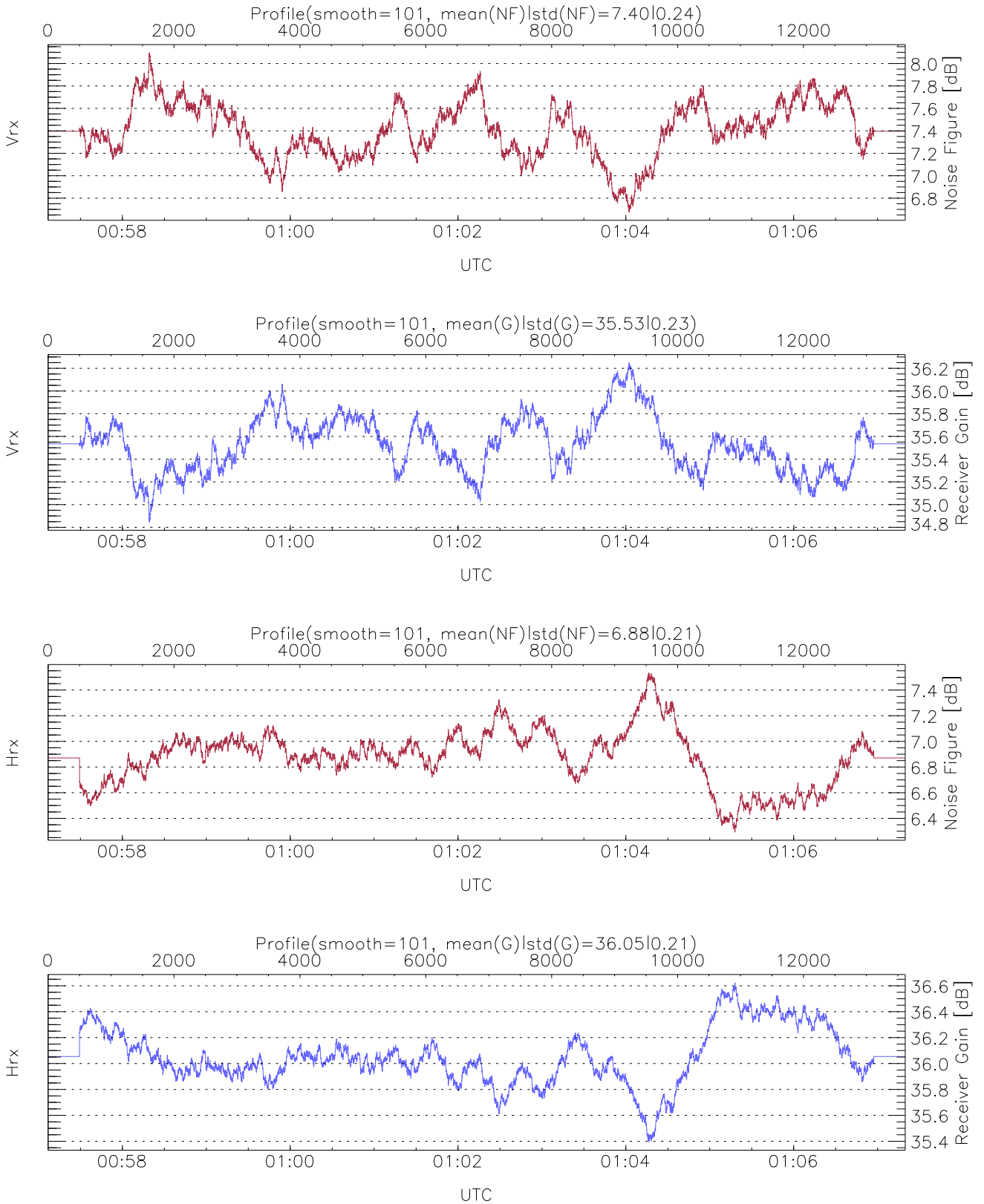
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:57:07-01:07:20, TimeCor: 0.00s, Dur: 612.92s
 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): 13618/13618, 0-13617/00:57:07-01:07:20
 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 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,x = no mirror|sidelup|error): 1



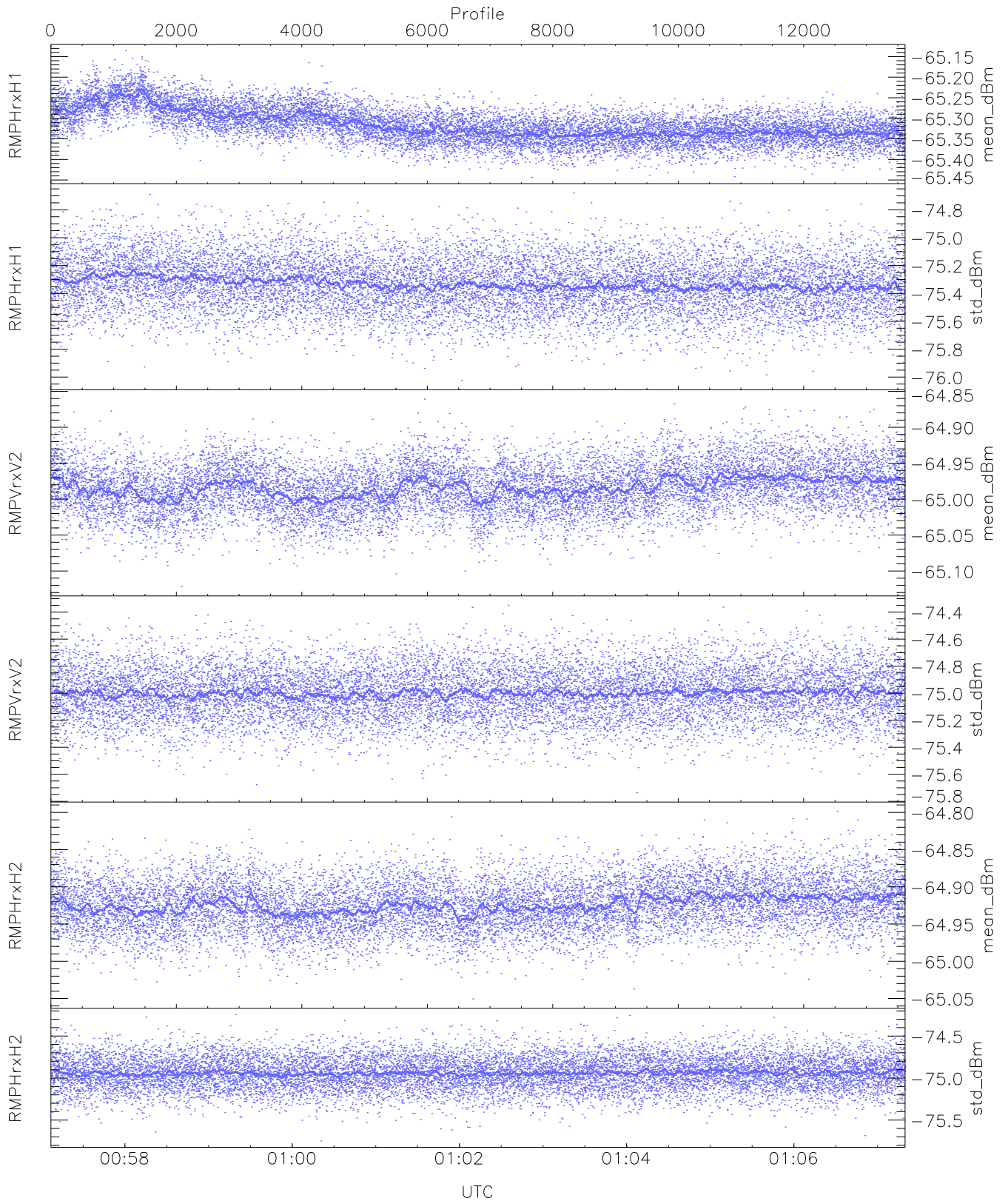
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27`
`LOalarm(20,240,2817,14861 MHz): None`
`EIK Faults(# prof affected):`
`DeckF,OverDuty (24,24)`



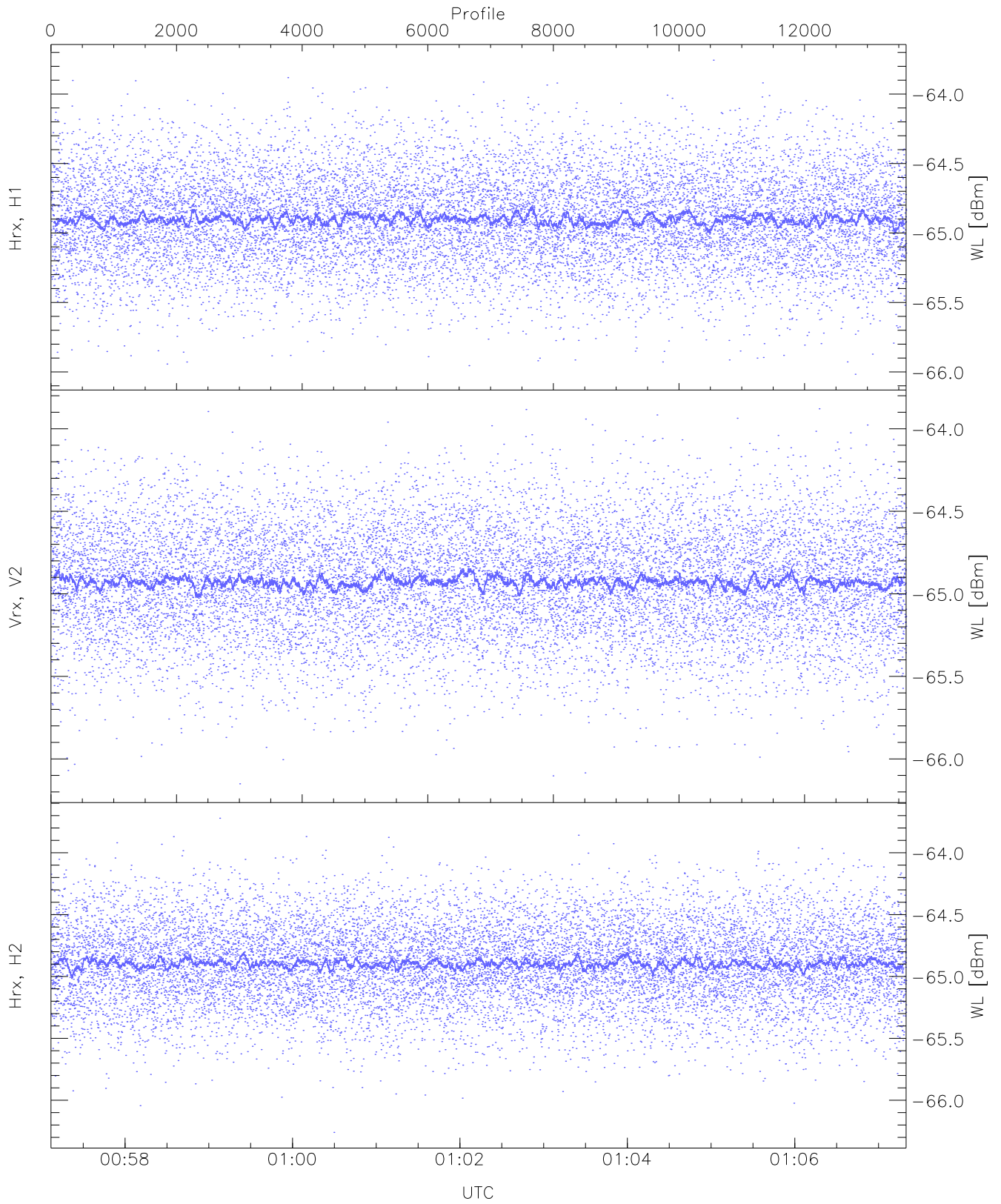
WCR3 CPP Receivers Gain and Noise Figure

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



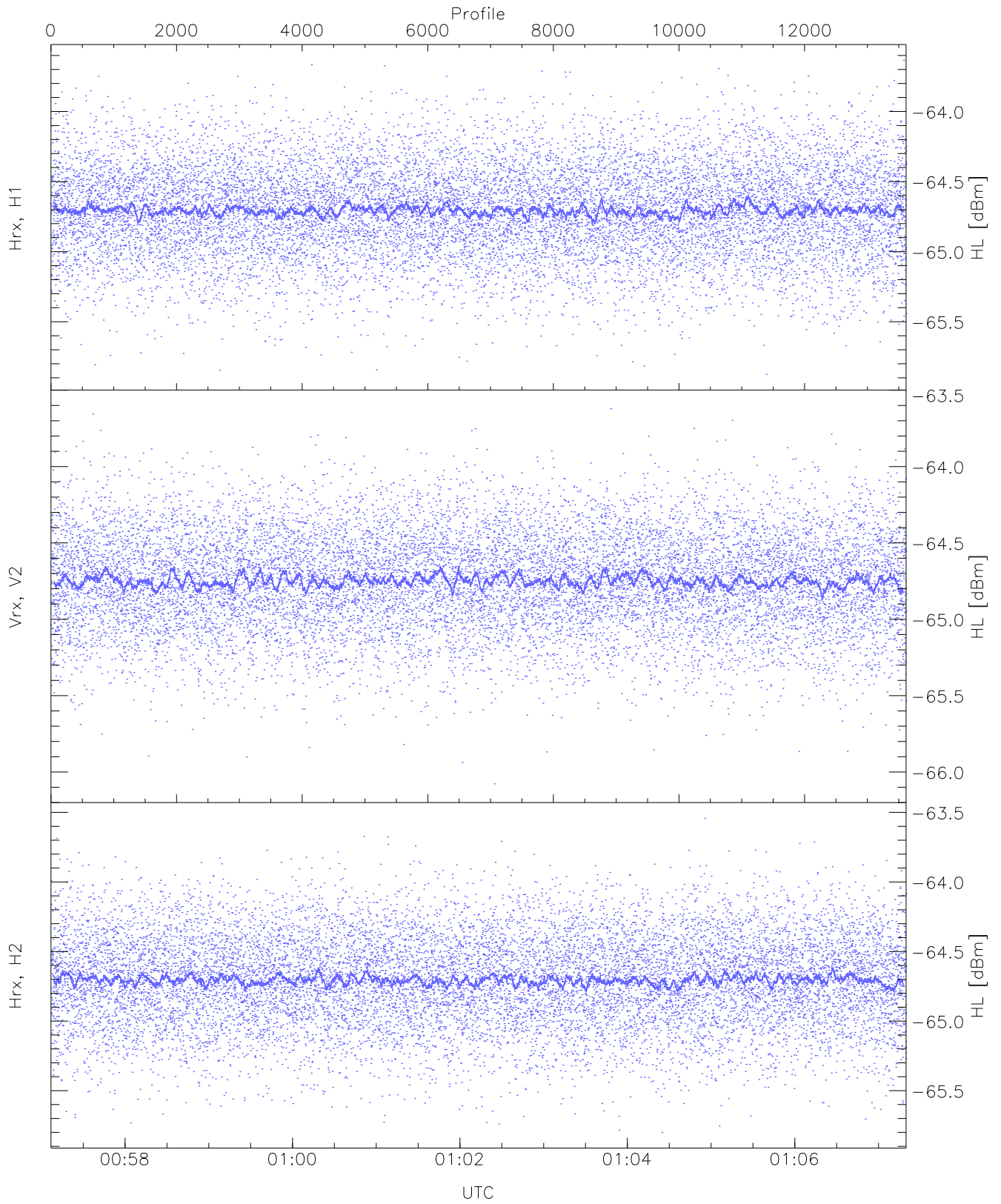
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.44	-65.14	-65.32	-65.32	-85.47
RMPHrxH1 (std_dBm)	-76.02	-74.68	-75.33	-75.33	-89.08
RMPVrxV2 (mean_dBm)	-65.12	-64.86	-64.98	-64.98	-86.28
RMPVrxV2 (std_dBm)	-75.74	-74.35	-75.00	-75.00	-88.79
RMPHrxH2 (mean_dBm)	-65.05	-64.80	-64.92	-64.92	-86.35
RMPHrxH2 (std_dBm)	-75.75	-74.24	-74.94	-74.94	-88.68



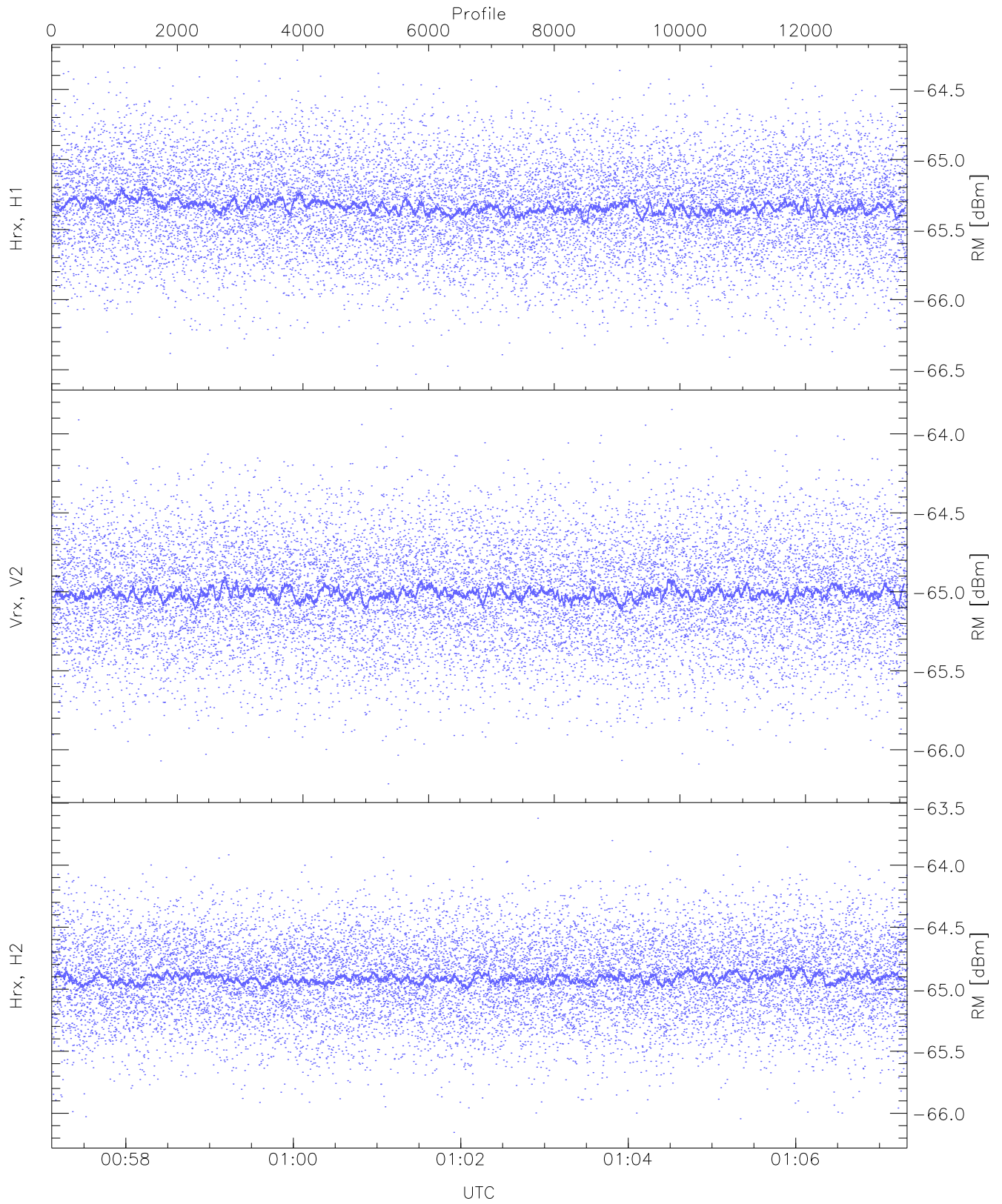
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.02	-63.76	-64.89	-64.90	-76.41
Vrx, V2 (WL [dBm])	-66.15	-63.88	-64.92	-64.93	-76.43
Hrx, H2 (WL [dBm])	-66.26	-63.72	-64.89	-64.90	-76.40



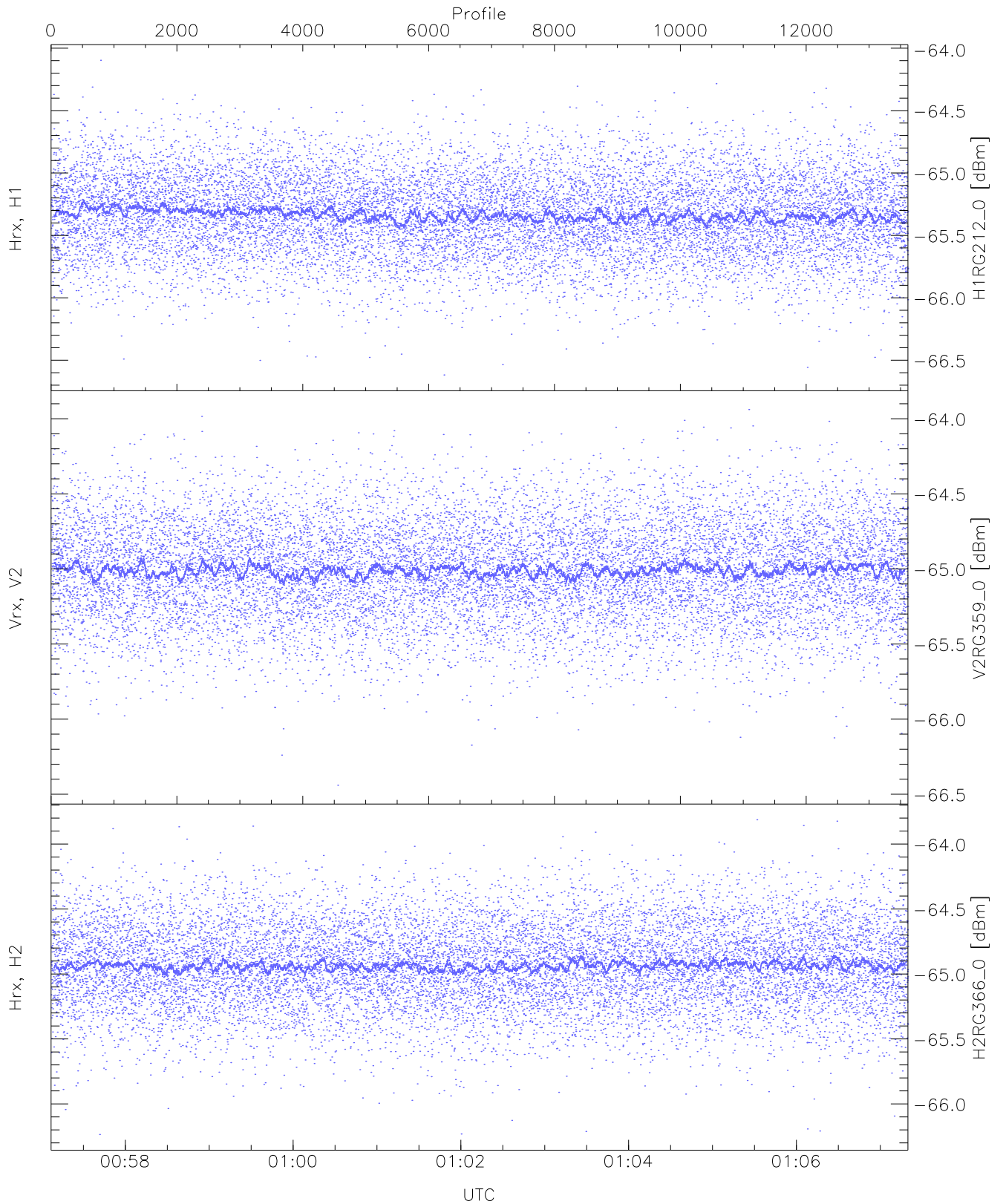
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.88	-63.63	-64.70	-64.70	-76.15
Vrx, V2 (HL [dBm])	-66.08	-63.62	-64.74	-64.75	-76.32
Hrx, H2 (HL [dBm])	-65.80	-63.54	-64.70	-64.70	-76.16



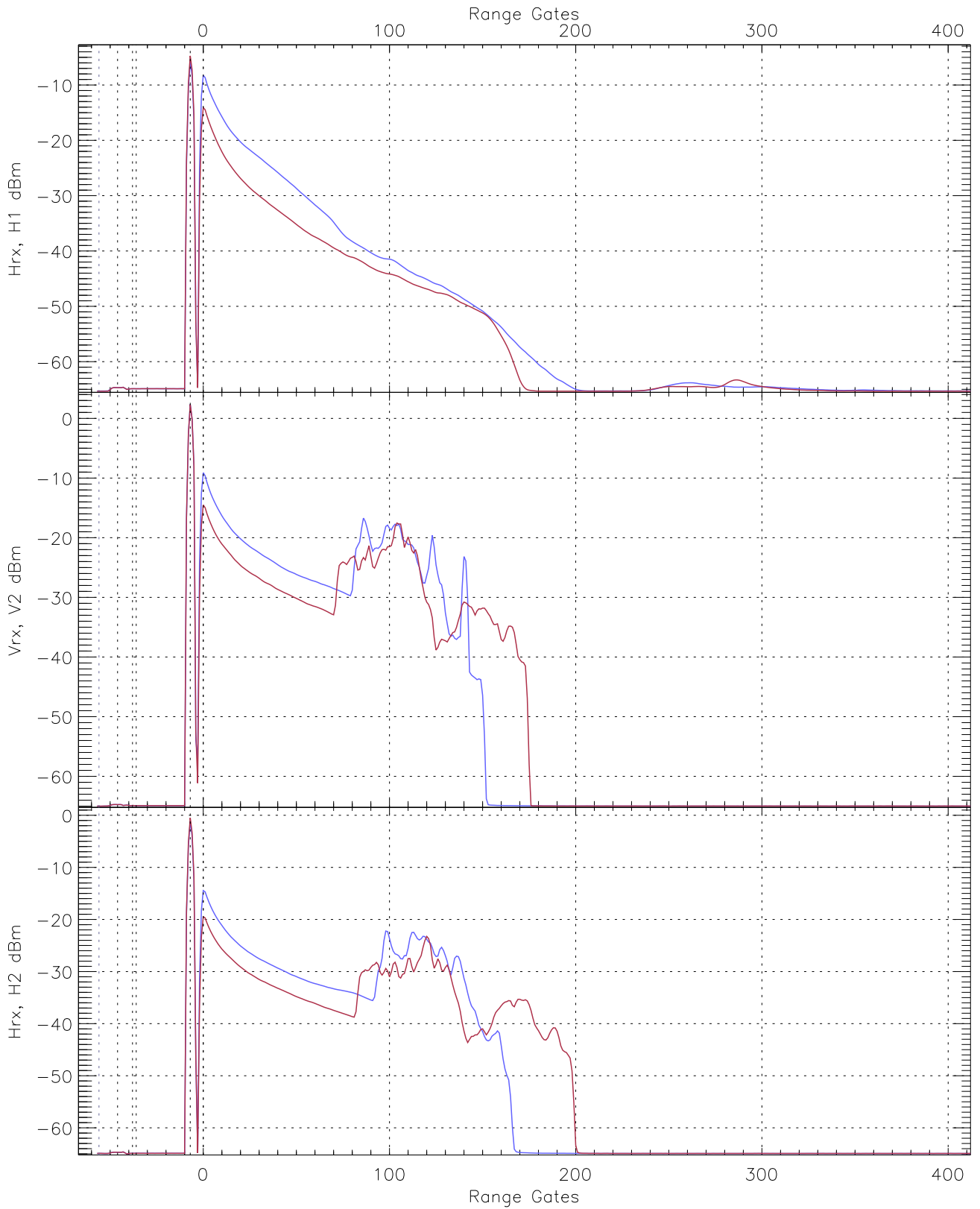
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.53	-64.29	-65.33	-65.33	-76.79
Vrx, V2 (RM [dBm])	-66.22	-63.84	-65.00	-65.01	-76.48
Hrx, H2 (RM [dBm])	-66.15	-63.62	-64.90	-64.91	-76.37

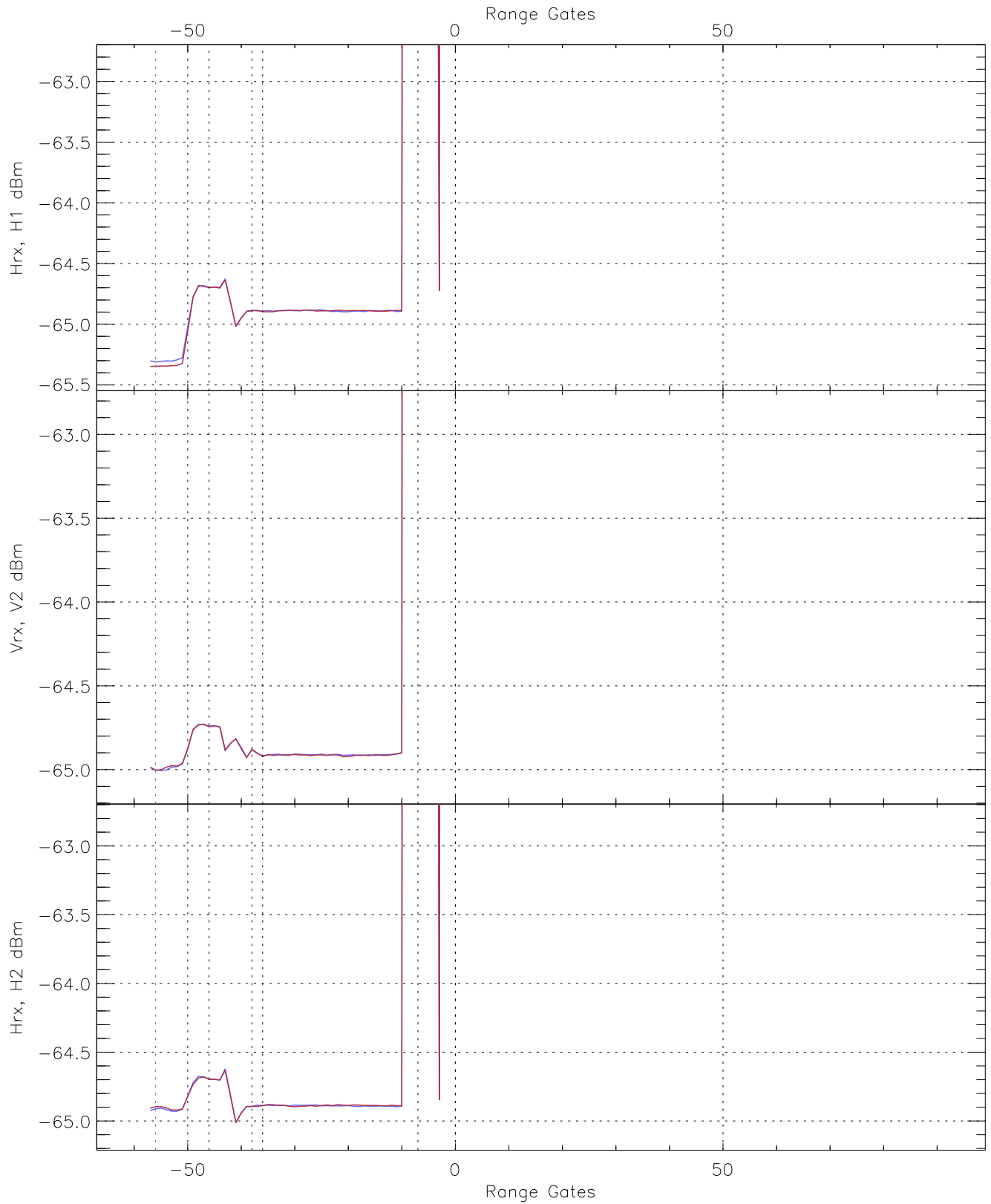


WCR3 CPP "Best" estimate Receivers Noise Power

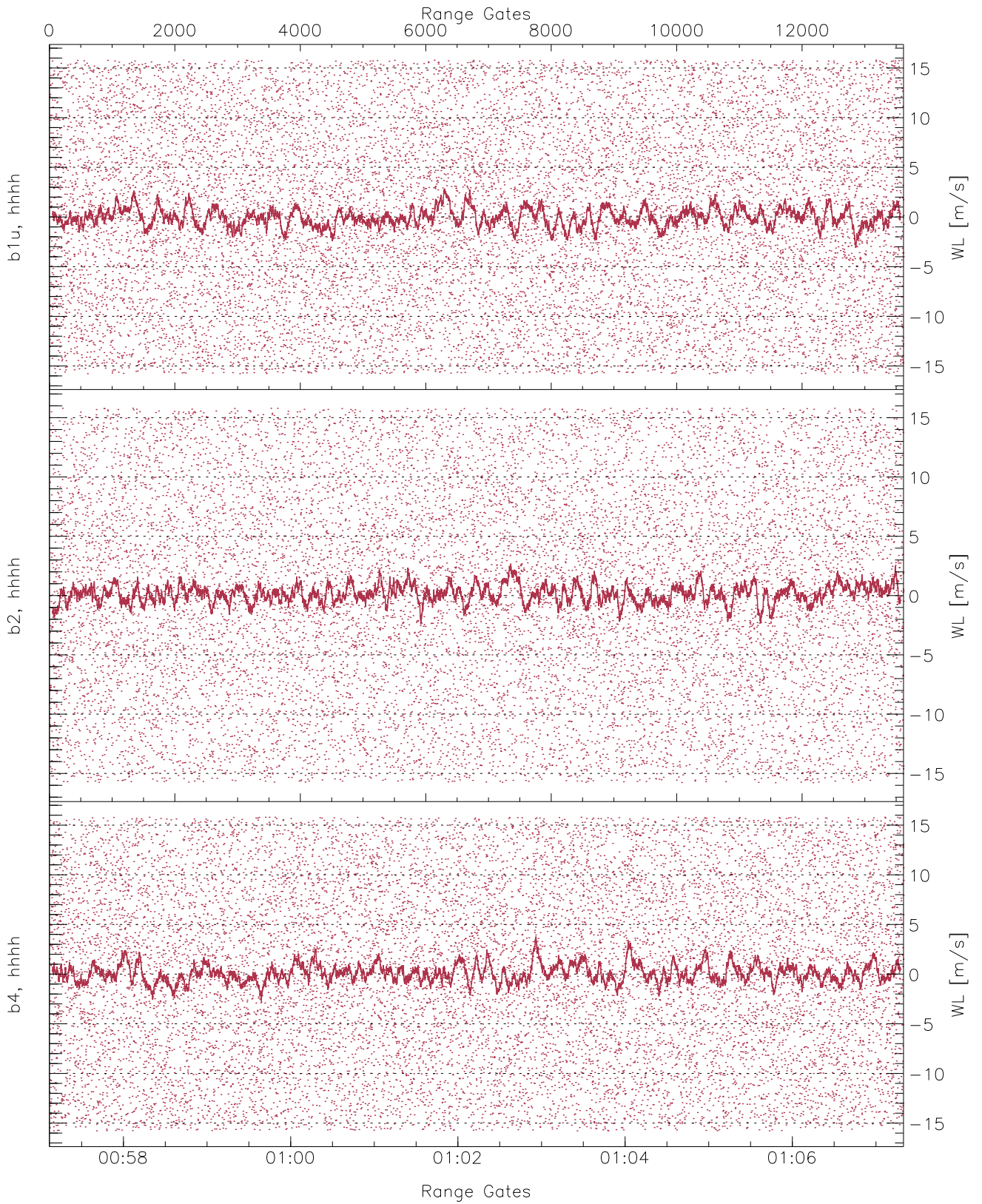
	Min	Max	Mean	Median	StDev
H1RG212_0 [dBm]	-66.62	-64.10	-65.33	-65.33	-76.81
V2RG359_0 [dBm]	-66.44	-63.94	-65.00	-65.01	-76.57
H2RG366_0 [dBm]	-66.24	-63.81	-64.93	-64.94	-76.47



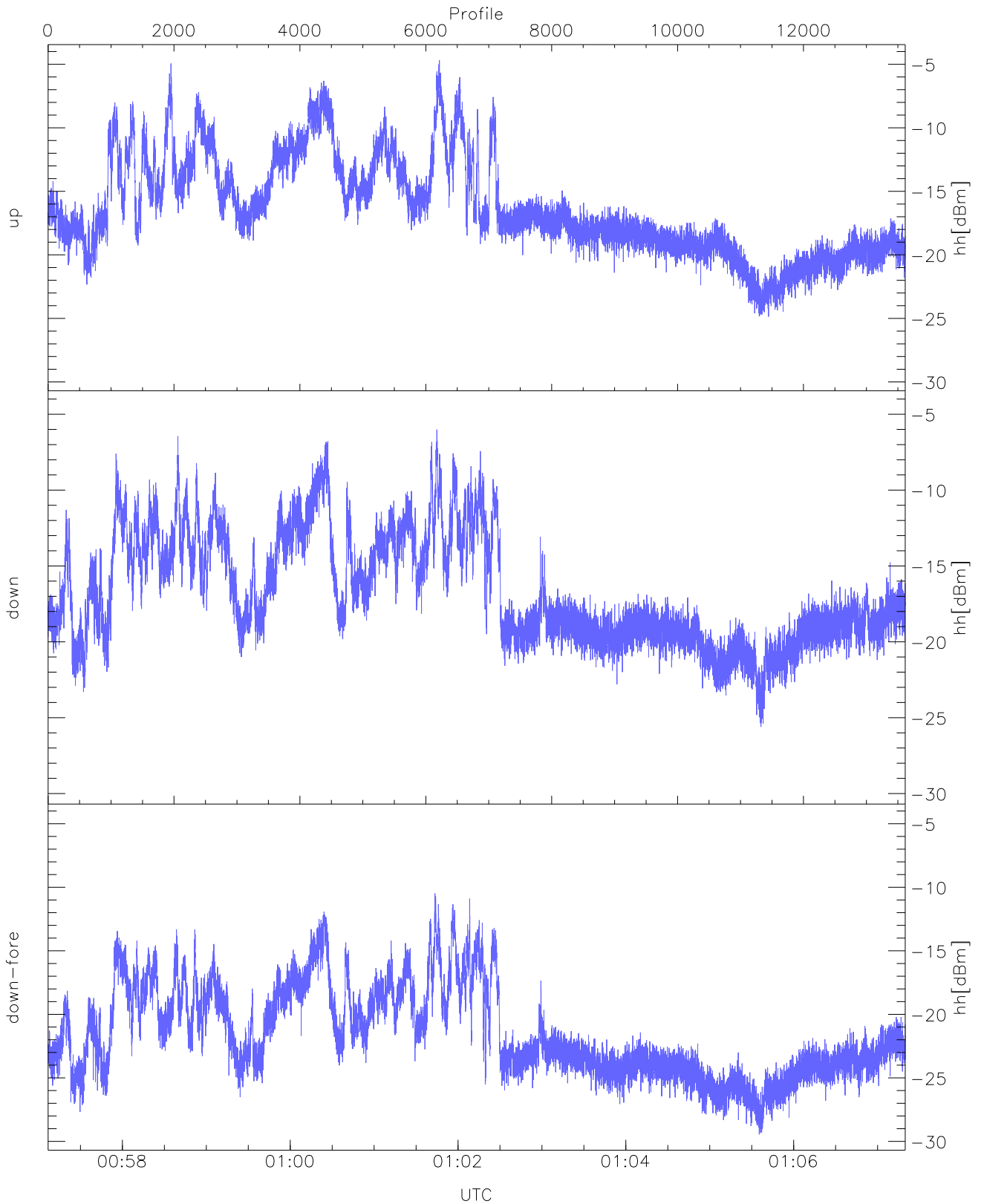
WCR3 CPP Averaged Received power for all recorded gates
blue: 005707-010213, 6810 profiles averaged
red: 010213-010720, 6809 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 005707-010213, 6810 profiles averaged
red: 010213-010720, 6809 profiles averaged

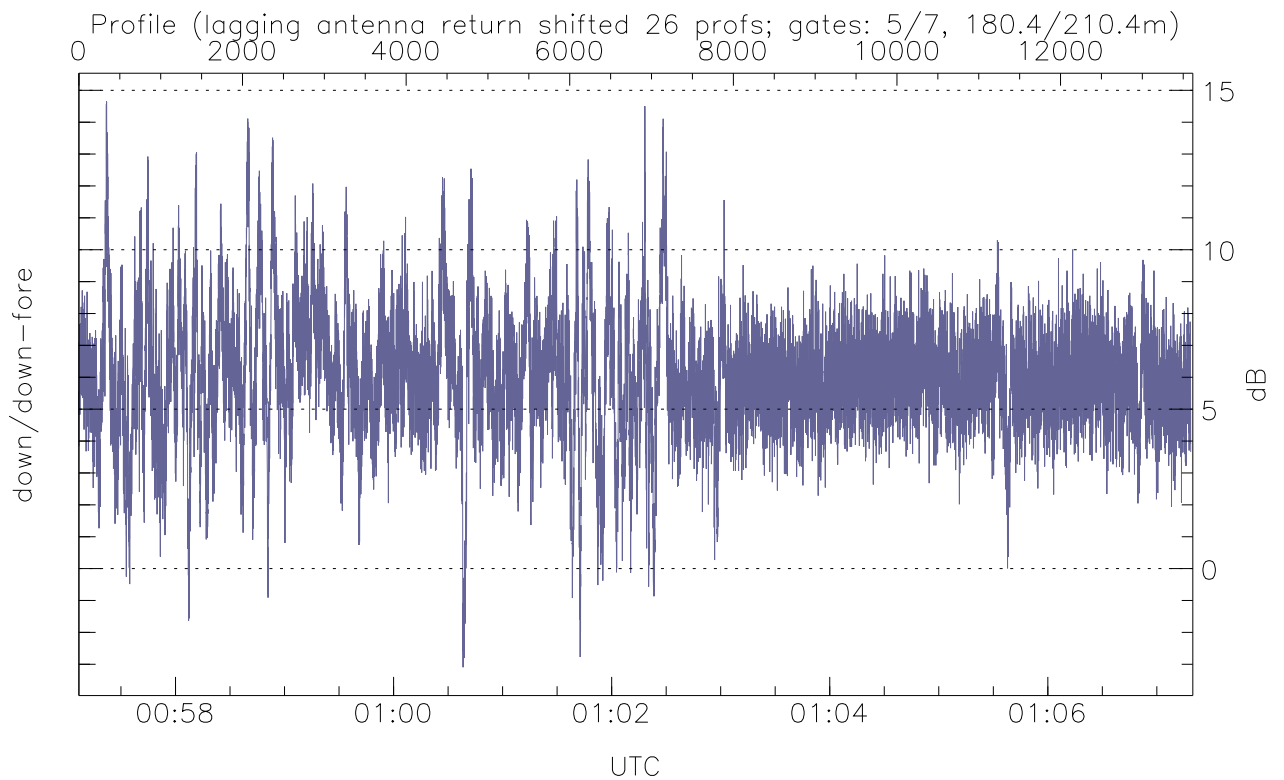
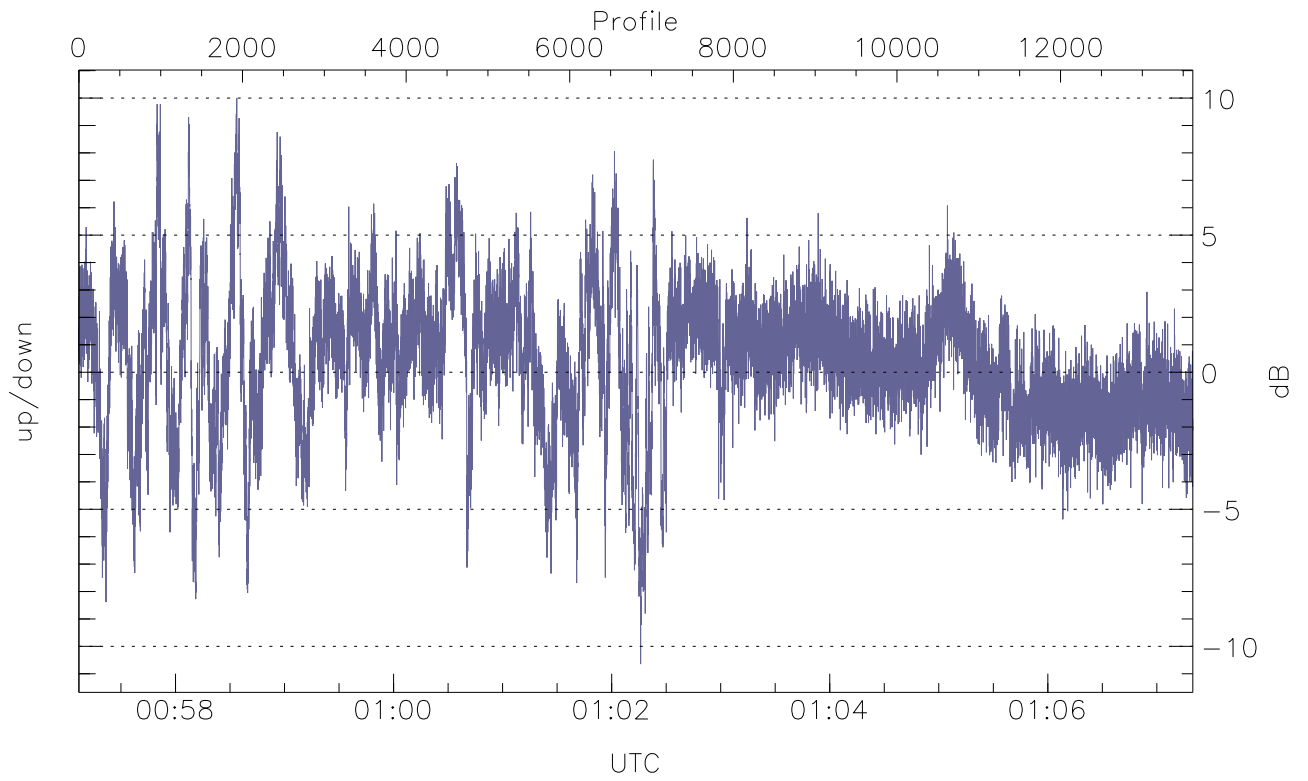


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



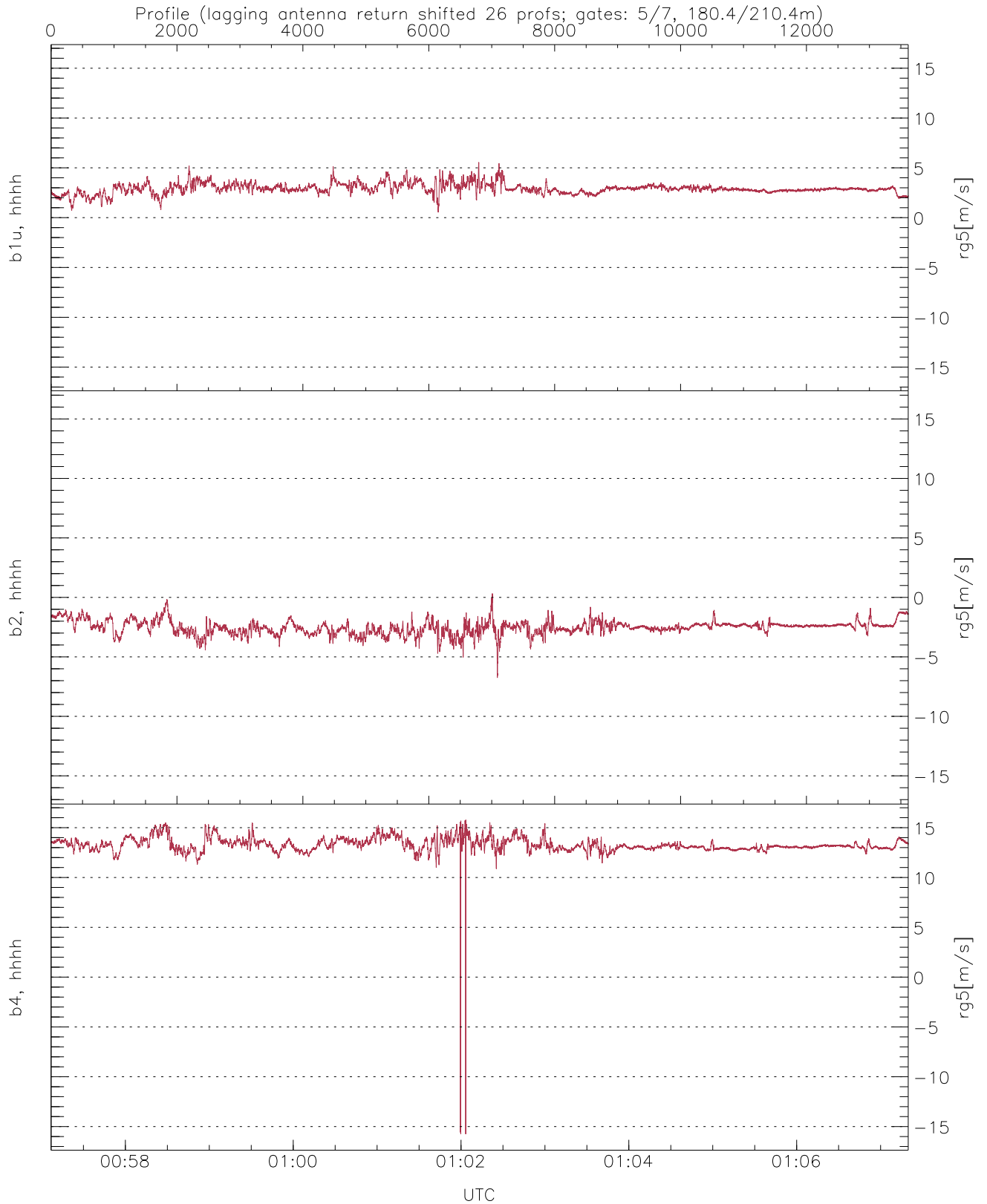
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-24.86	-4.69	-14.45
down(hh[dBm])	-25.60	-6.02	-15.13
down-fore(hh[dBm])	-29.45	-10.48	-19.98



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

	Min	Max	Mean
up/down (dB)	-10.65	9.99	0.41
down/down-fore (dB)	-3.09	14.65	6.06



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.53	5.56	2.91	0.52
b2, hhhh(rg5[m/s])	-6.76	0.33	-2.52	0.57
b4, hhhh(rg5[m/s])	-15.75	15.79	13.27	1.08