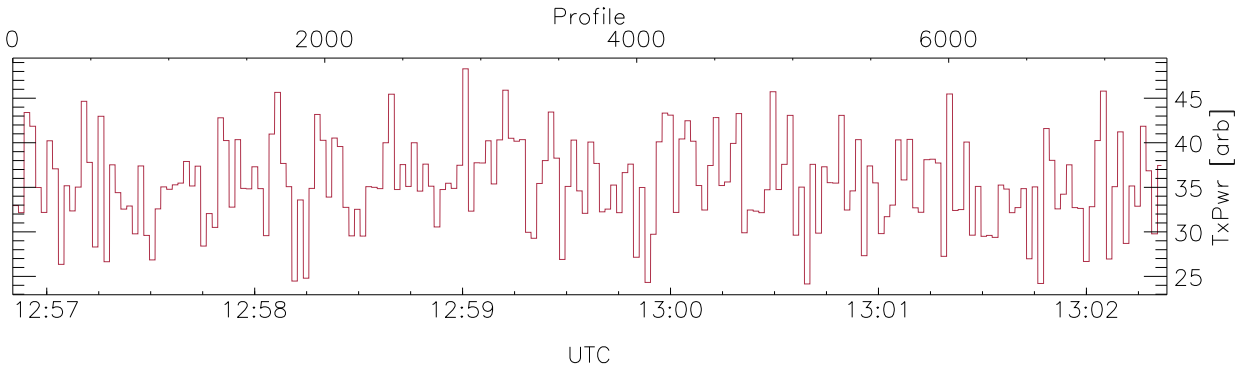
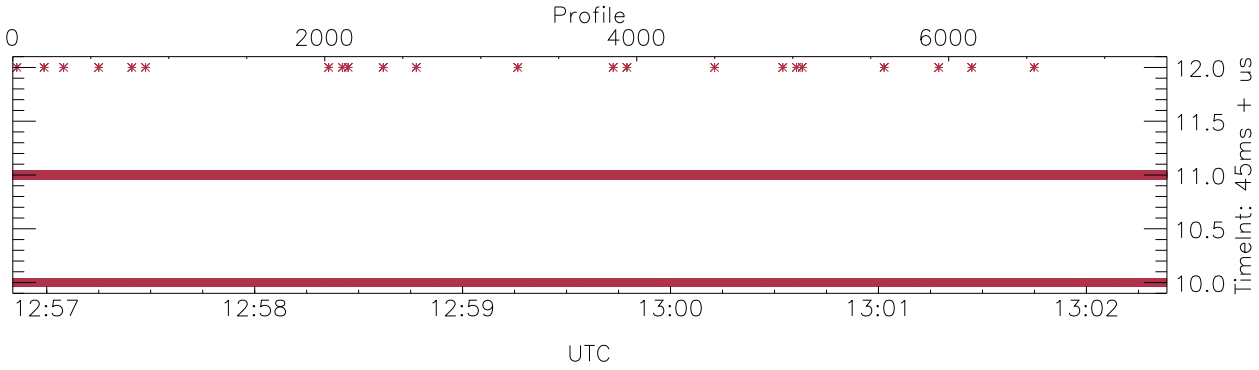
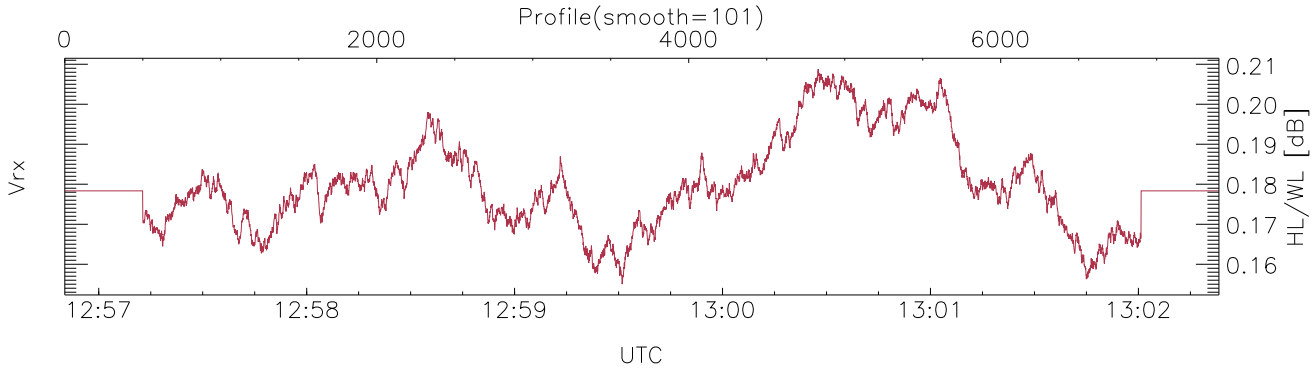
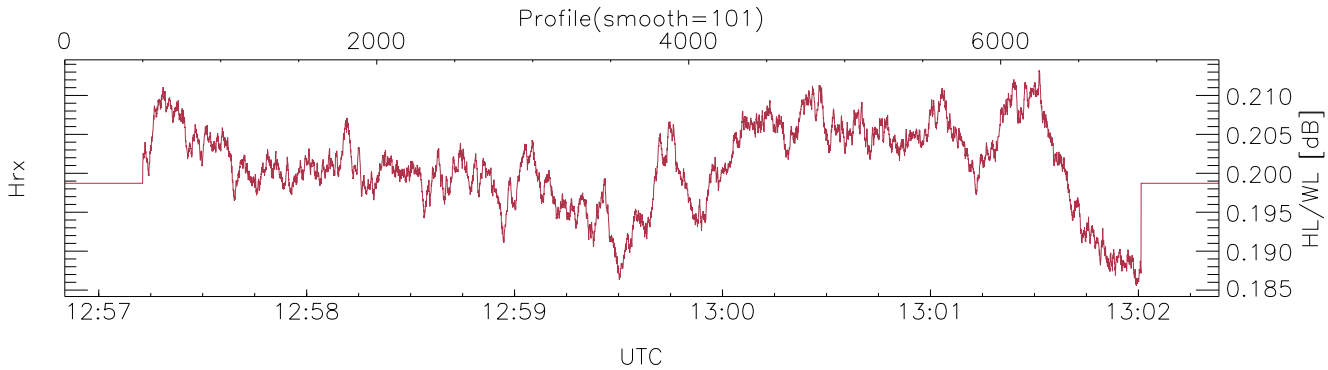


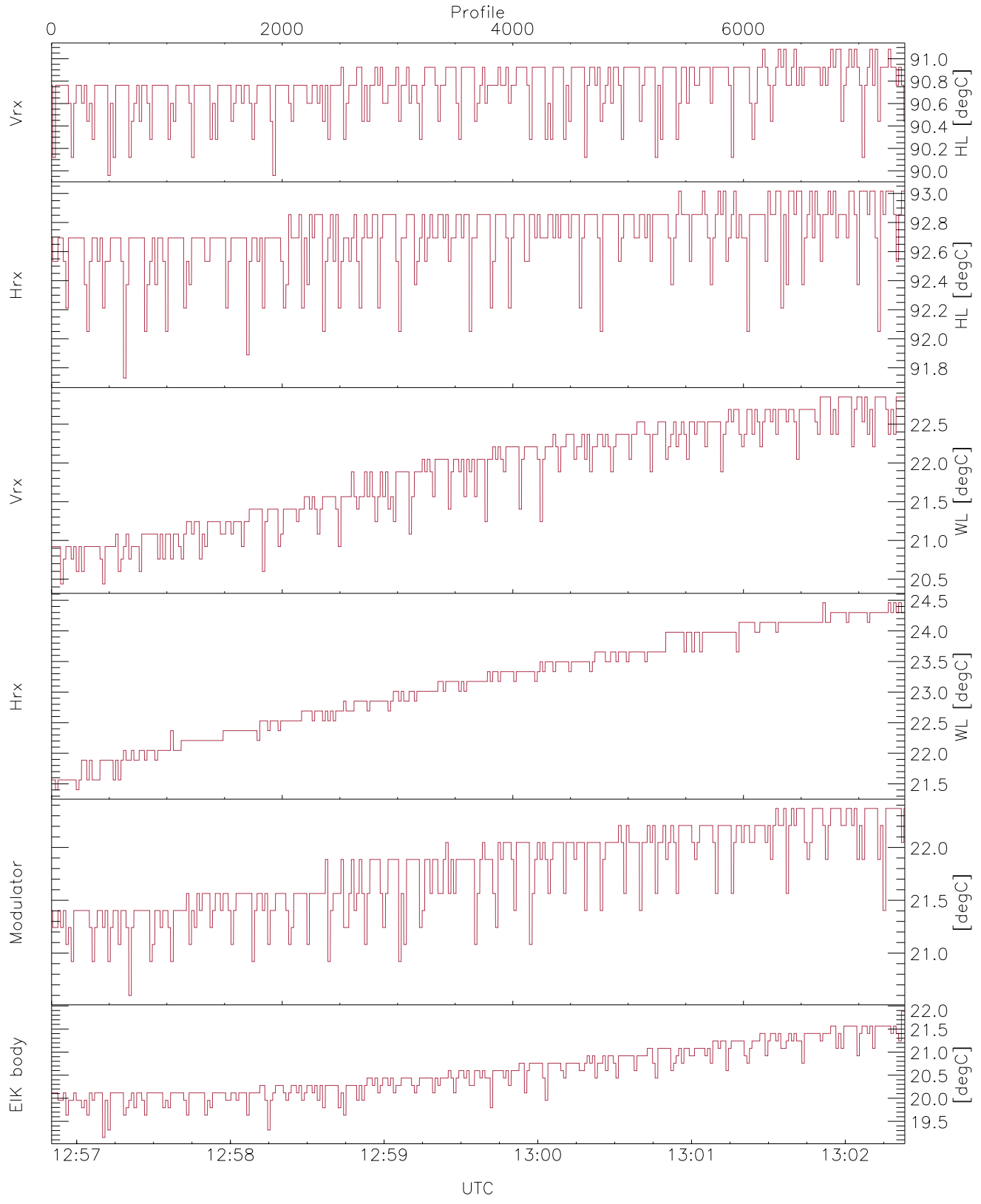






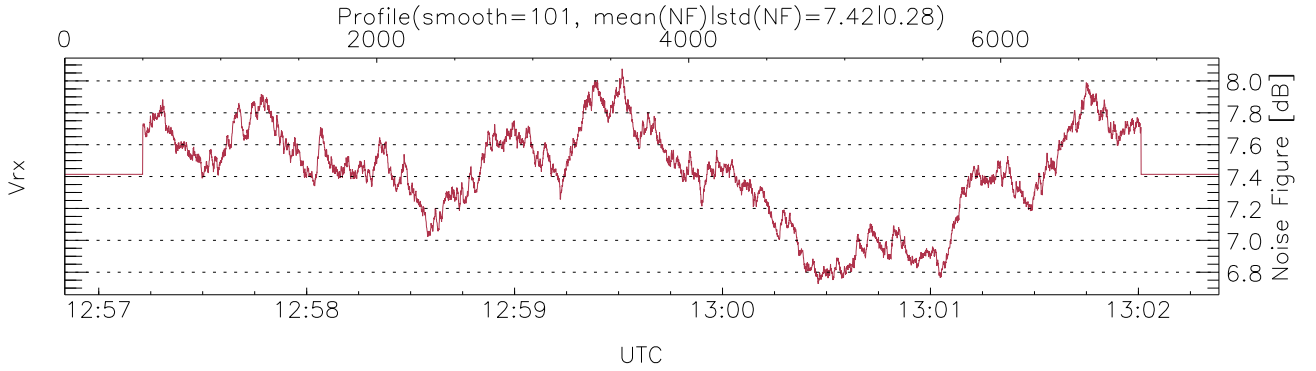
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

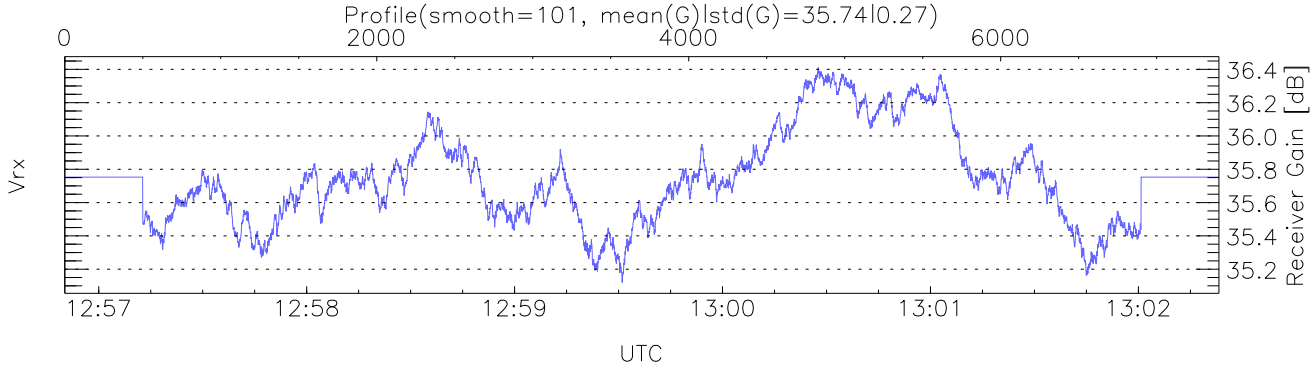
UTC: 12:56:50-13:02:23, TimeCor: 0.00s, Dur: 333.04s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 7400/7400, 0-7399/12:56:50-13:02:23
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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

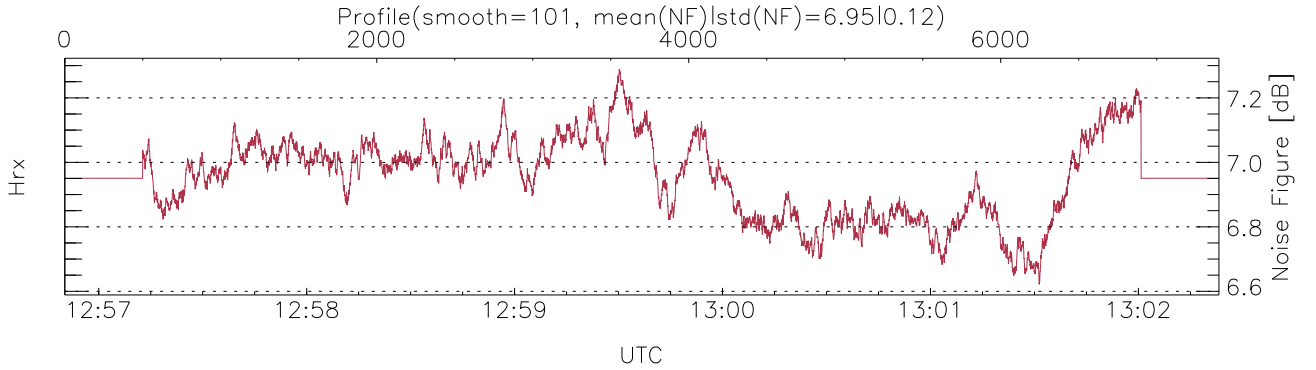


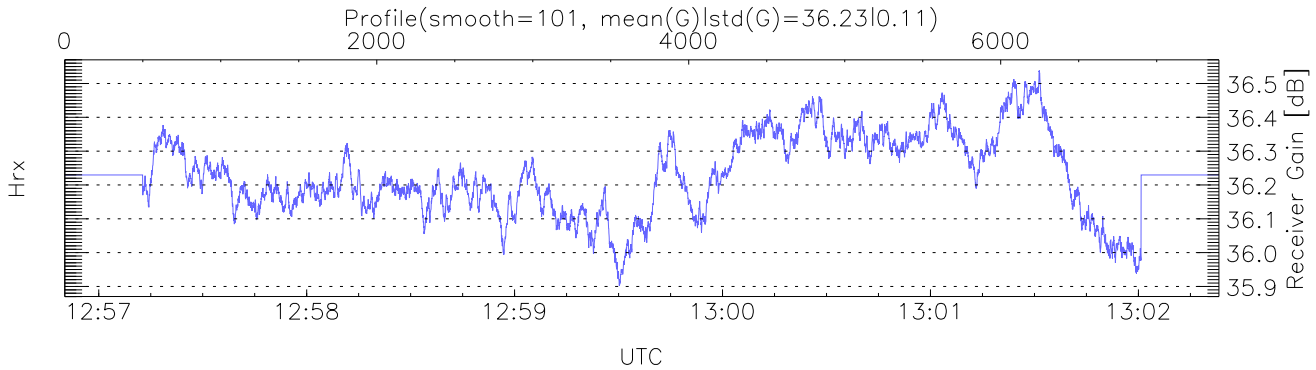
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,20,21,20,19
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,22,24,22,21
LOalarm(20,240,2817,14861 MHz): 0,0,48,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



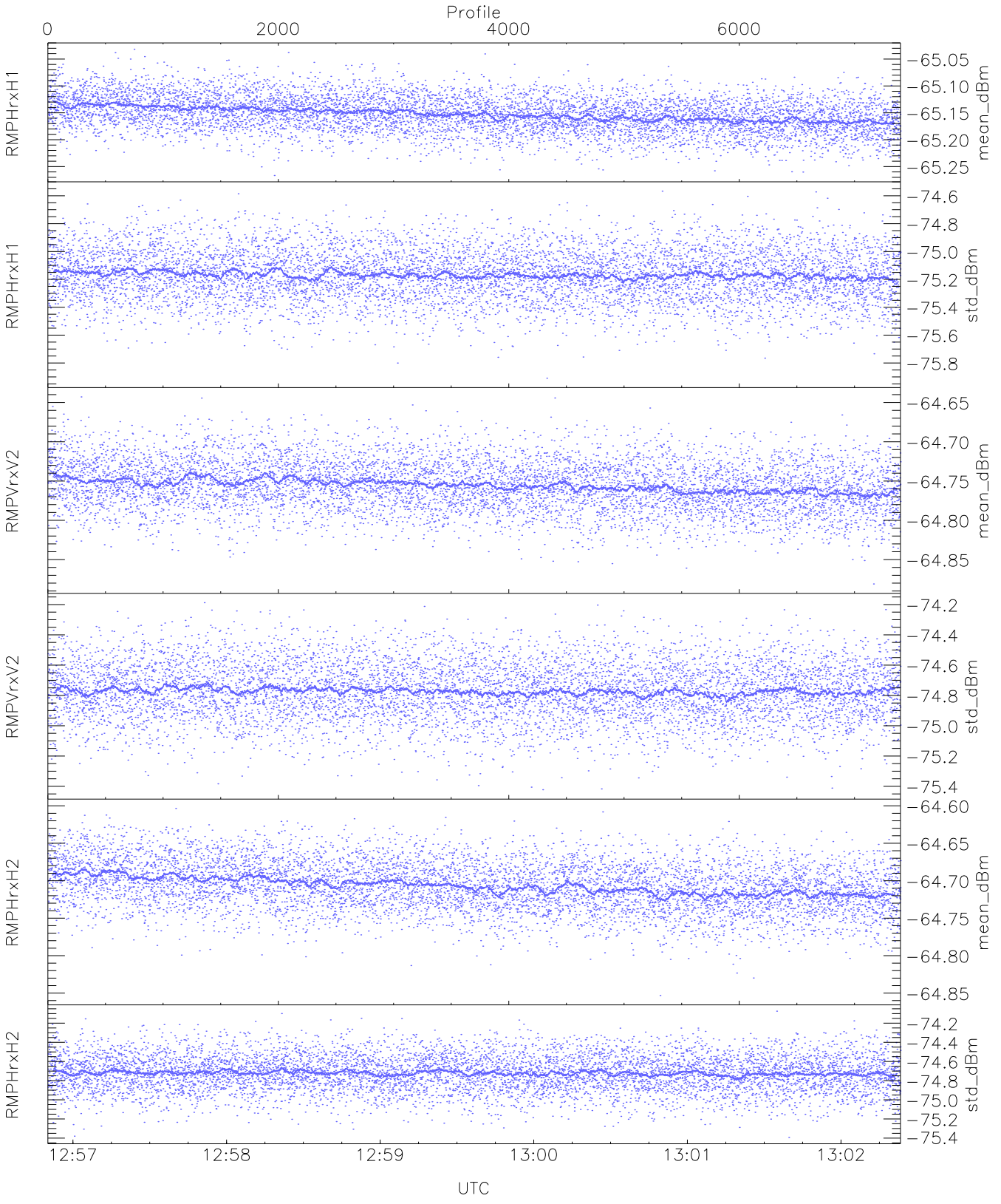






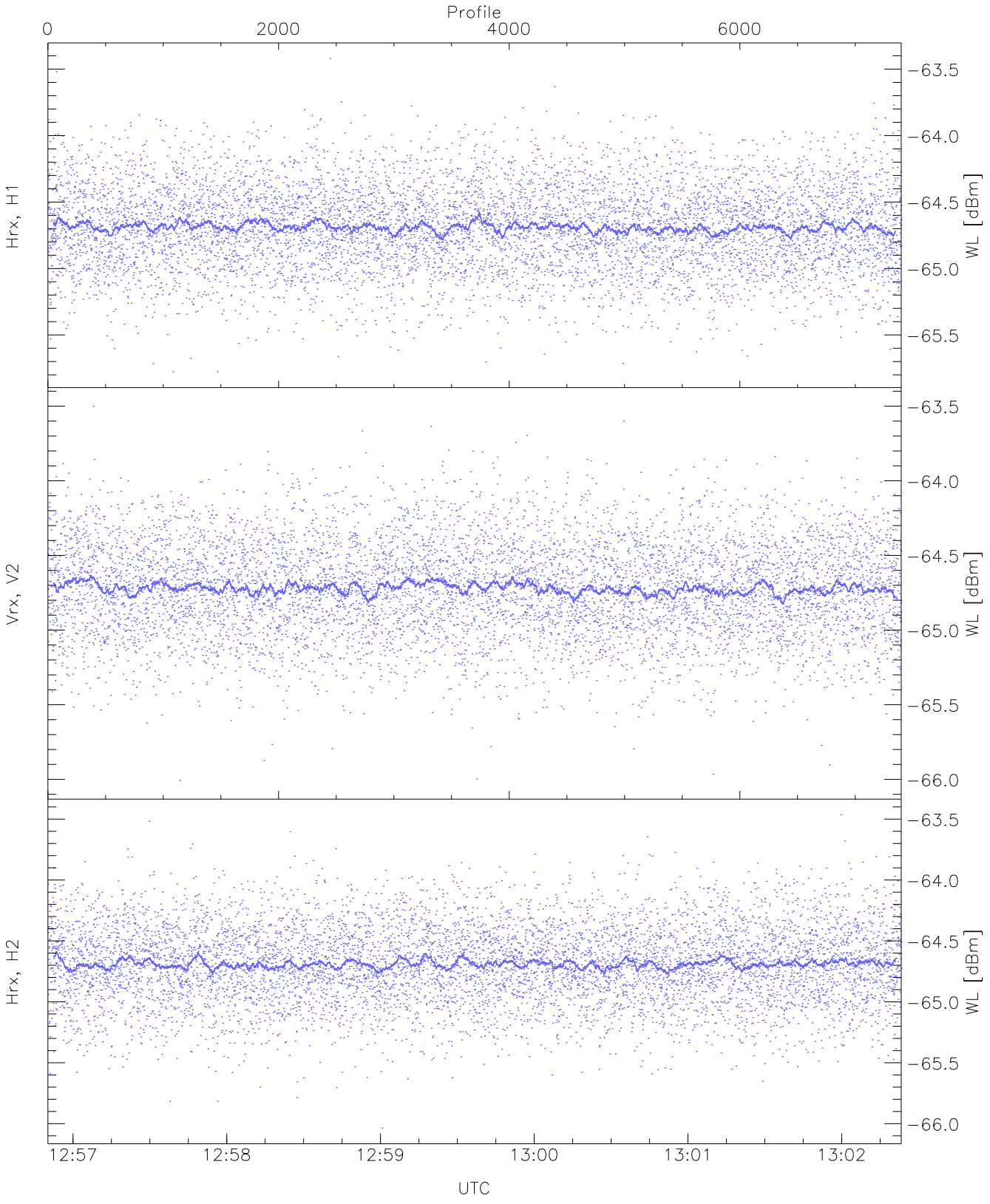
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 8 pixs, 2 gates, 8 profs, 1 prod(s)



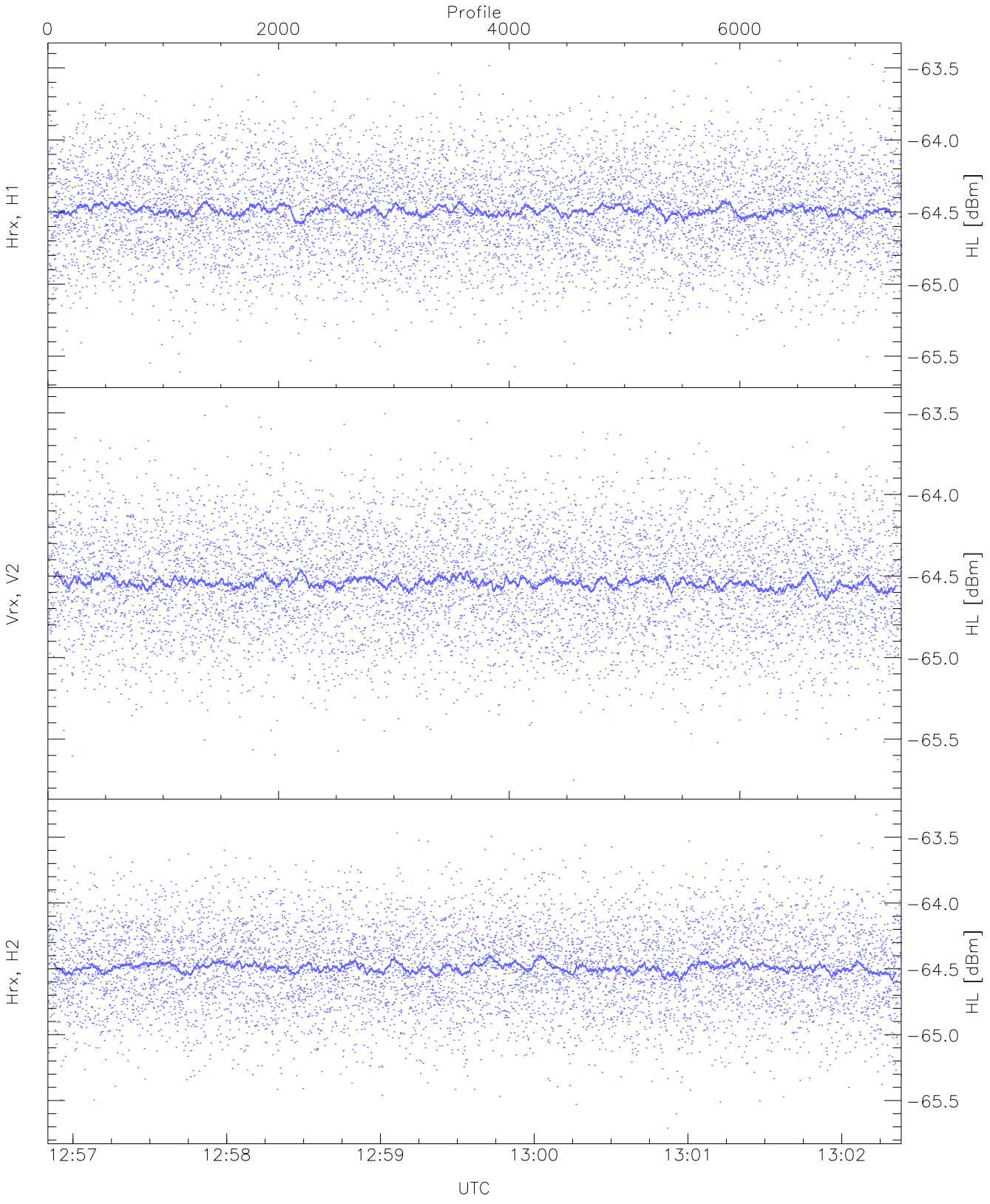
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.27	-65.03	-65.15	-65.15	-86.48
RMPHrxH1(std_dBm)	-75.91	-74.57	-75.17	-75.17	-89.09
RMPVrxV2(mean_dBm)	-64.88	-64.64	-64.76	-64.76	-86.28
RMPVrxV2(std_dBm)	-75.42	-74.19	-74.77	-74.77	-88.57
RMPHrxH2(mean_dBm)	-64.85	-64.60	-64.71	-64.71	-86.11
RMPHrxH2(std_dBm)	-75.39	-74.07	-74.72	-74.72	-88.52



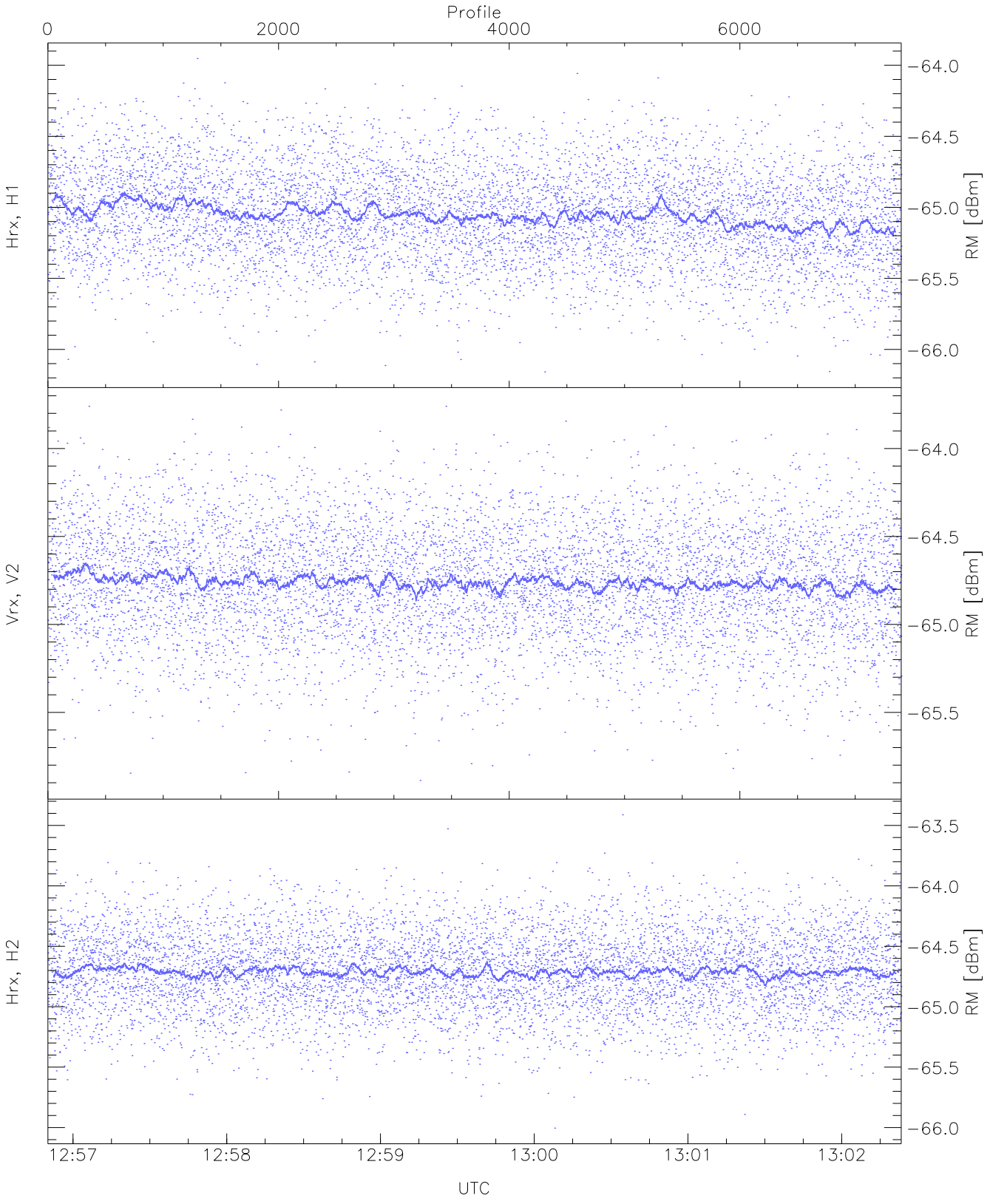
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.78	-63.42	-64.68	-64.69	-76.19
Vrx, V2(WL [dBm])	-66.01	-63.50	-64.71	-64.72	-76.20
Hrx, H2(WL [dBm])	-66.04	-63.46	-64.68	-64.69	-76.14



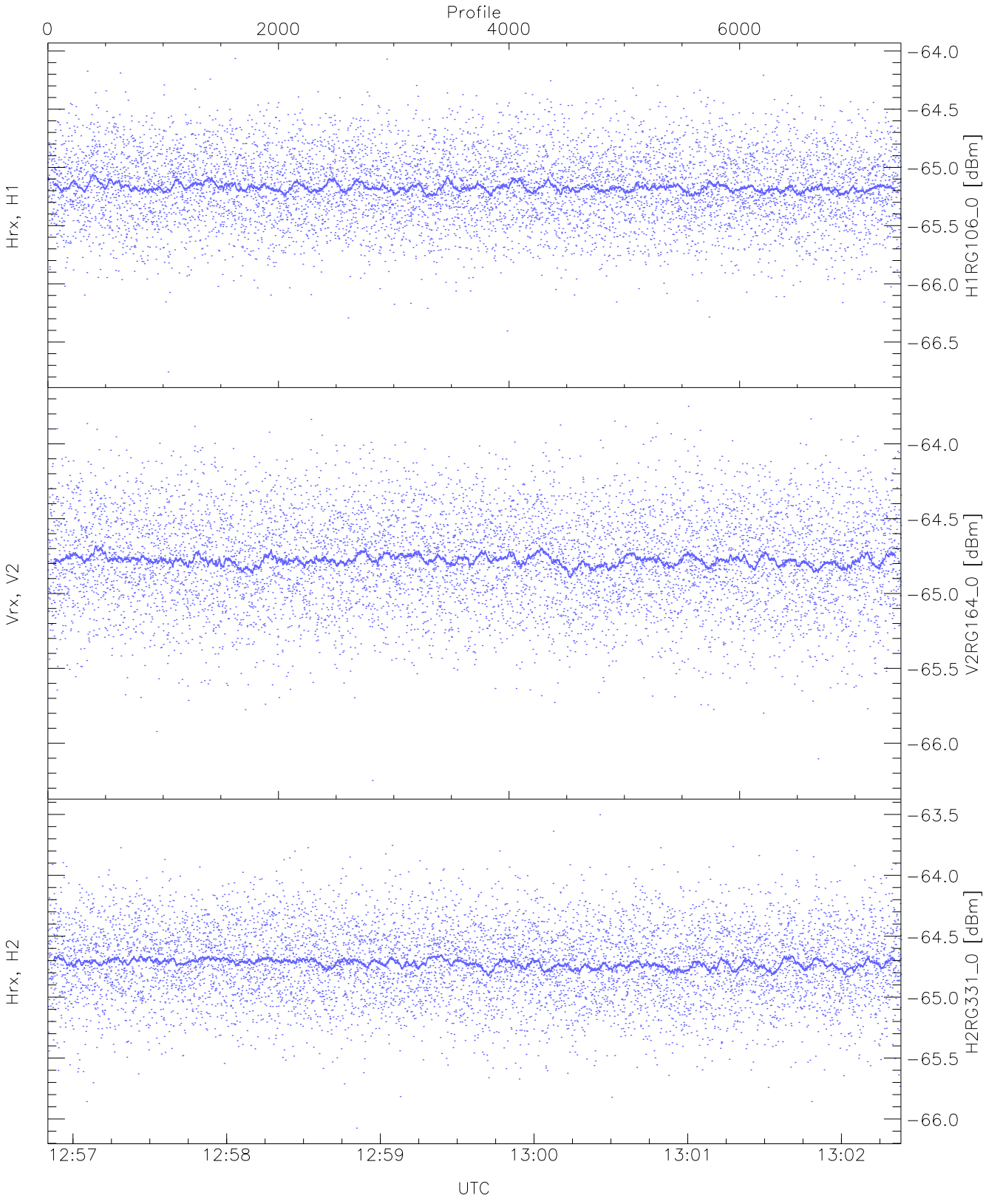
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.61	-63.44	-64.48	-64.49	-75.98
Vrx, V2(HL [dBm])	-65.75	-63.46	-64.53	-64.54	-76.07
Hrx, H2(HL [dBm])	-65.71	-63.33	-64.48	-64.49	-75.97



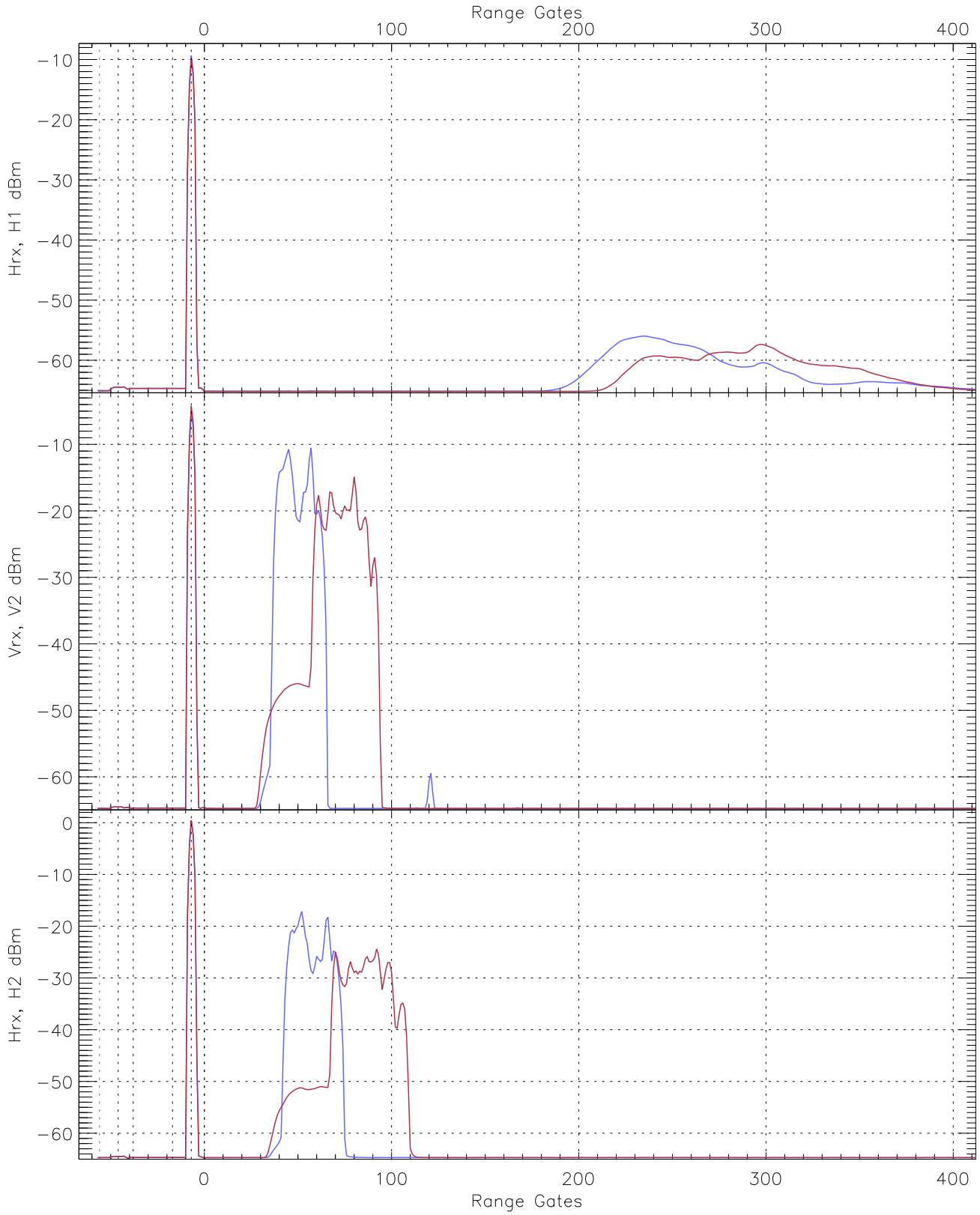
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.16	-63.95	-65.05	-65.06	-76.45
Vrx, V2(RM [dBm])	-65.89	-63.76	-64.75	-64.76	-76.35
Hrx, H2(RM [dBm])	-66.00	-63.41	-64.70	-64.71	-76.14

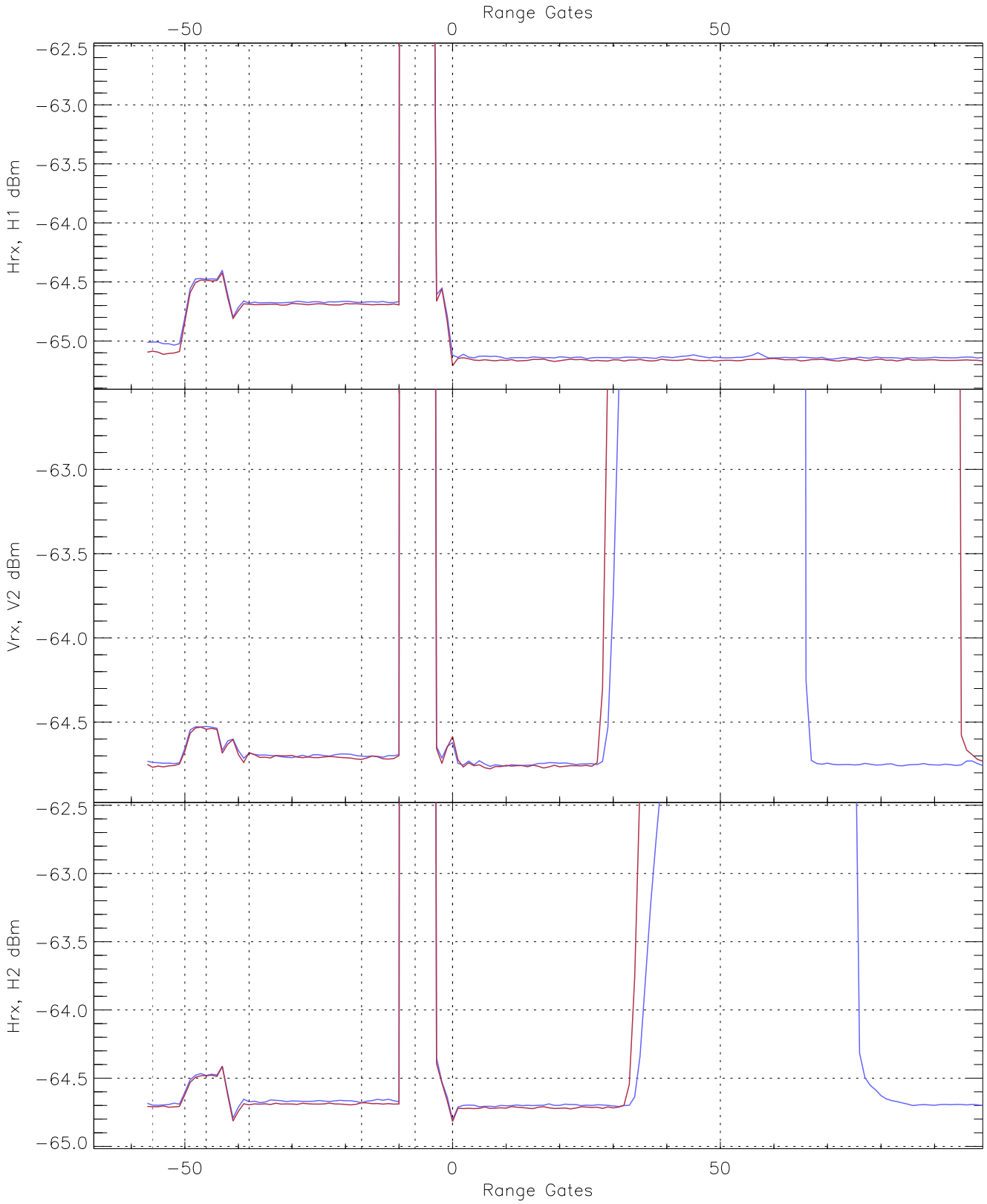


WCR3 CPP "Best" estimate Receivers Noise Power

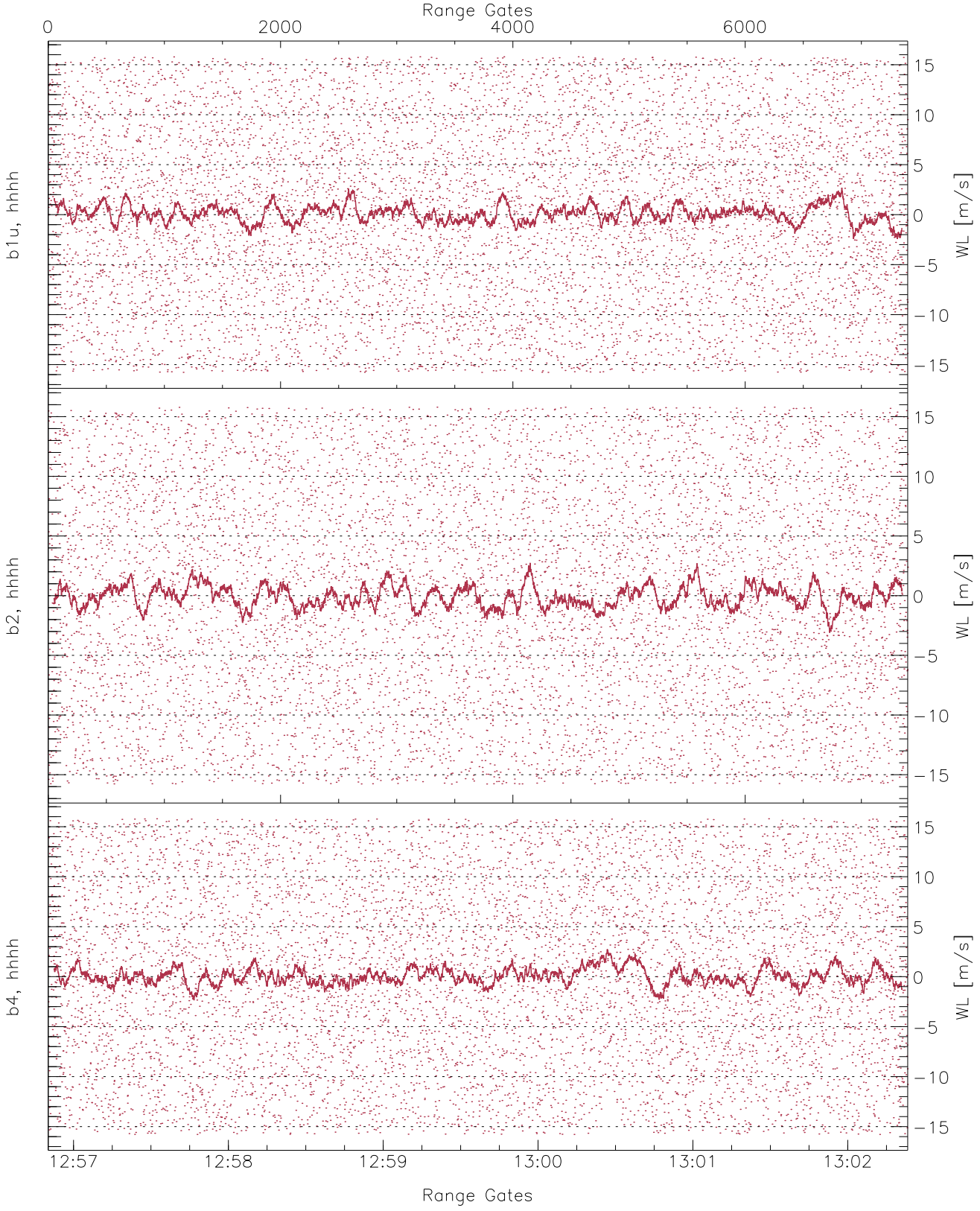
	Min	Max	Mean	Median	StDev
H1RG106_0 [dBm]	-66.76	-64.07	-65.16	-65.17	-76.67
V2RG164_0 [dBm]	-66.25	-63.75	-64.77	-64.78	-76.25
H2RG331_0 [dBm]	-66.08	-63.50	-64.71	-64.72	-76.27



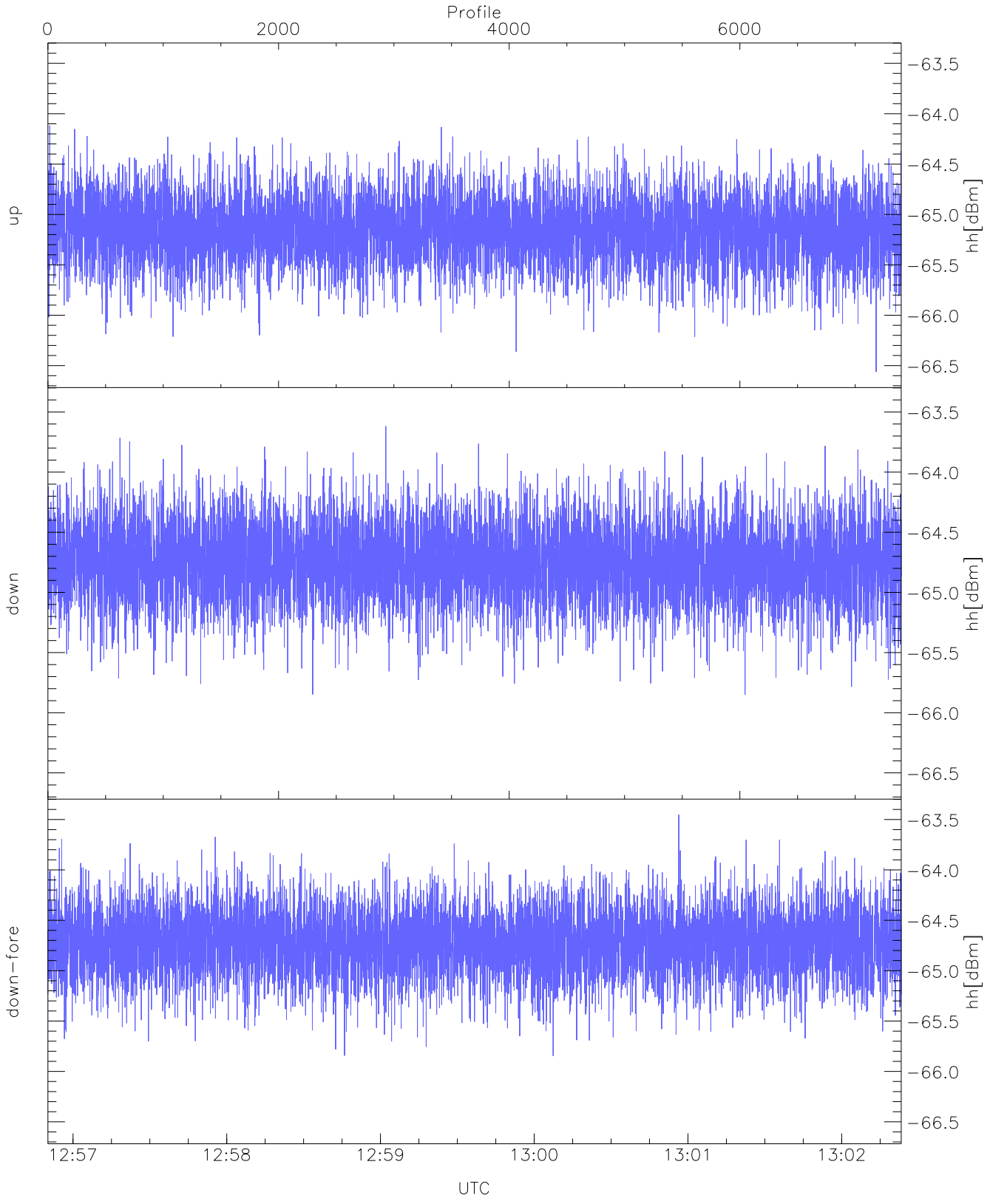
WCR3 CPP Averaged Received power for all recorded gates
blue: 125650-125937, 3701 profiles averaged
red: 125937-130223, 3700 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 125650-125937, 3701 profiles averaged
red: 125937-130223, 3700 profiles averaged

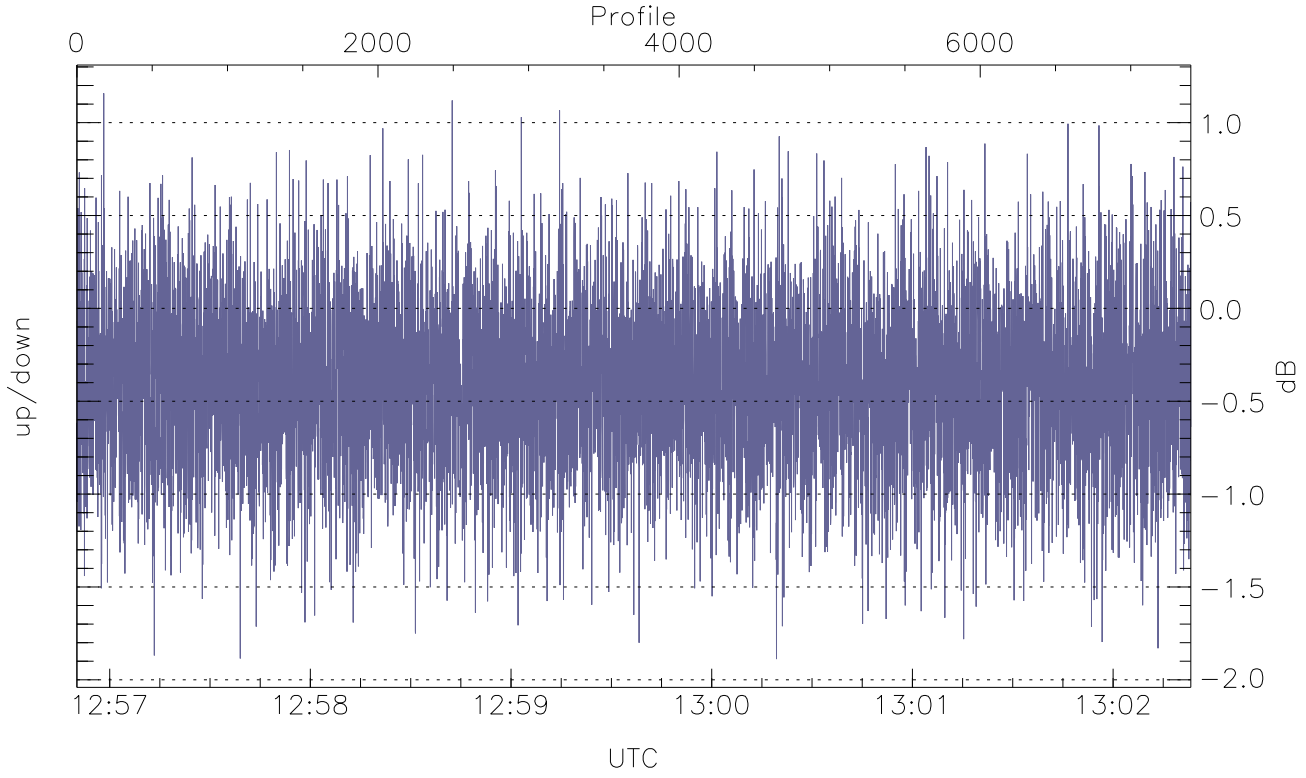


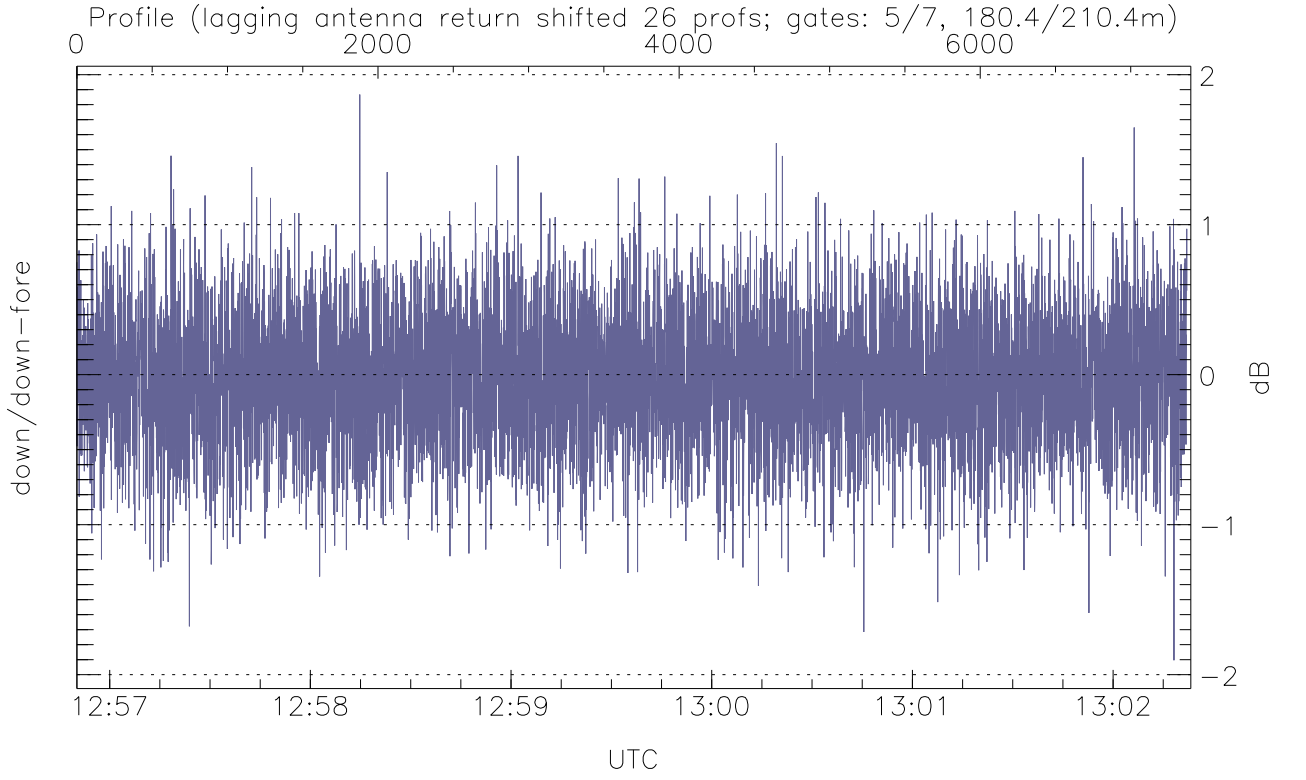
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

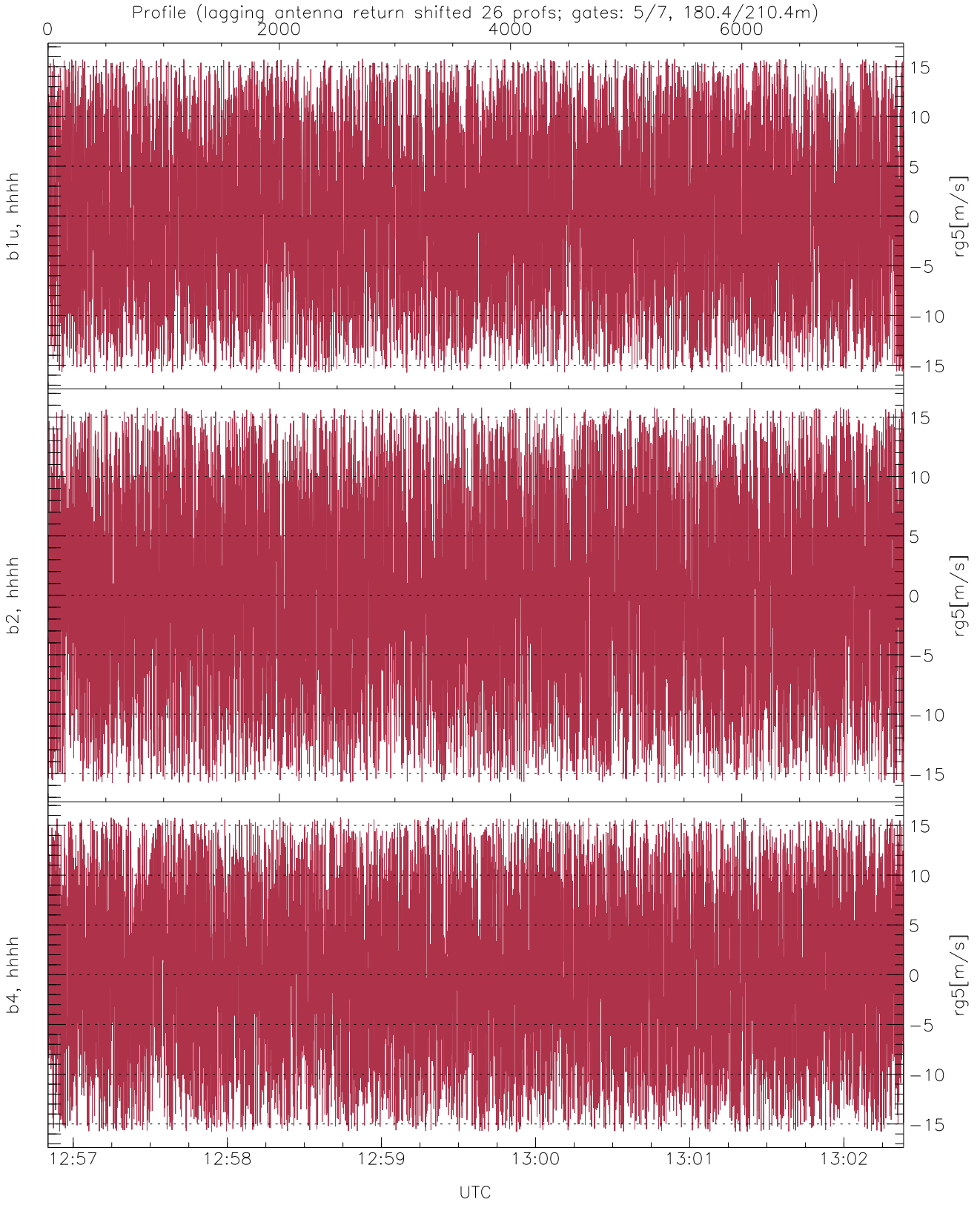
	Min	Max	Mean
up(hh[dBm])	-66.56	-64.12	-65.15
down(hh[dBm])	-65.85	-63.62	-64.74
down-fore(hh[dBm])	-65.85	-63.45	-64.72





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

	Min	Max	Mean
up/down(dB)	-1.89	1.16	-0.41
down/down-fore(dB)	-1.90	1.87	-0.03



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.05	8.73
b2, hhhh(rg5[m/s])	-15.79	15.79	0.10	8.75
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.02	8.78