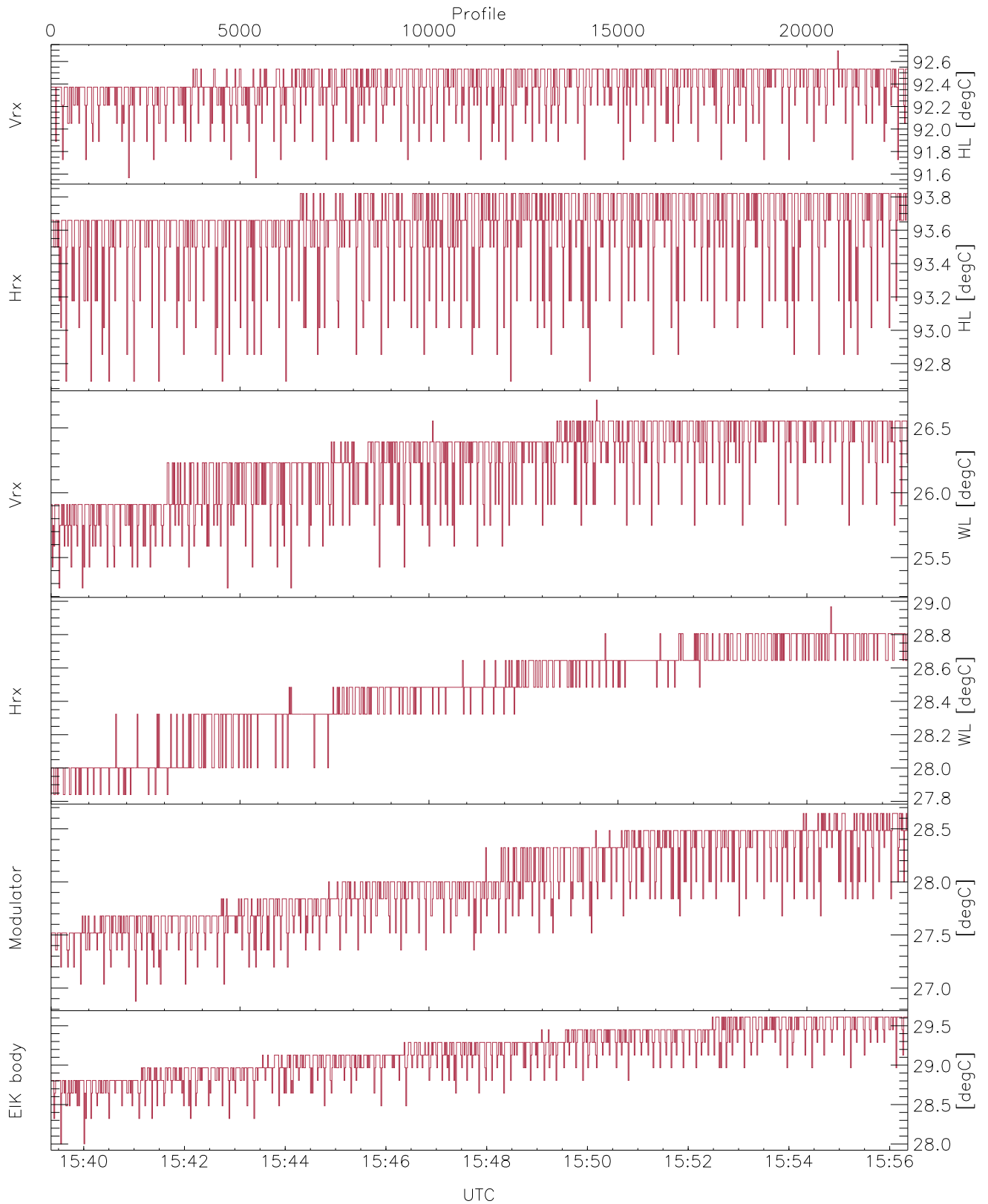


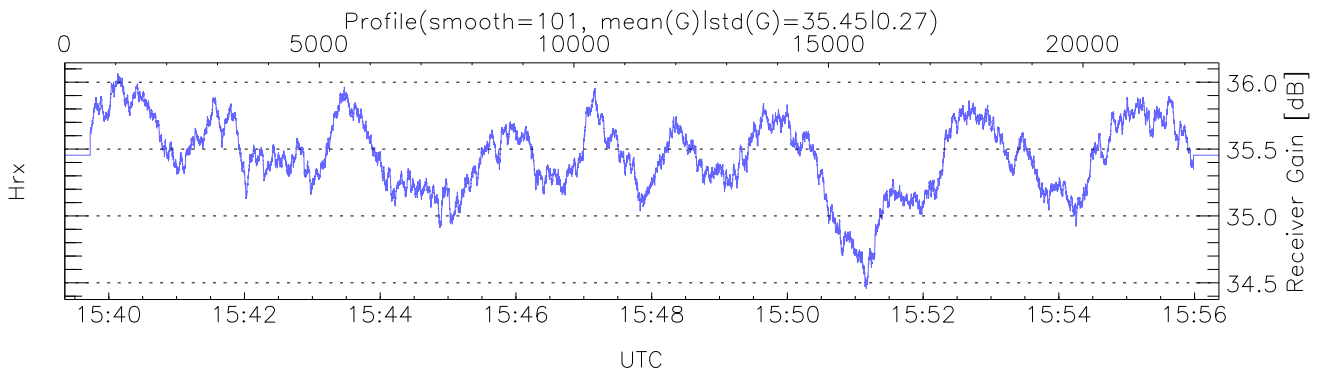
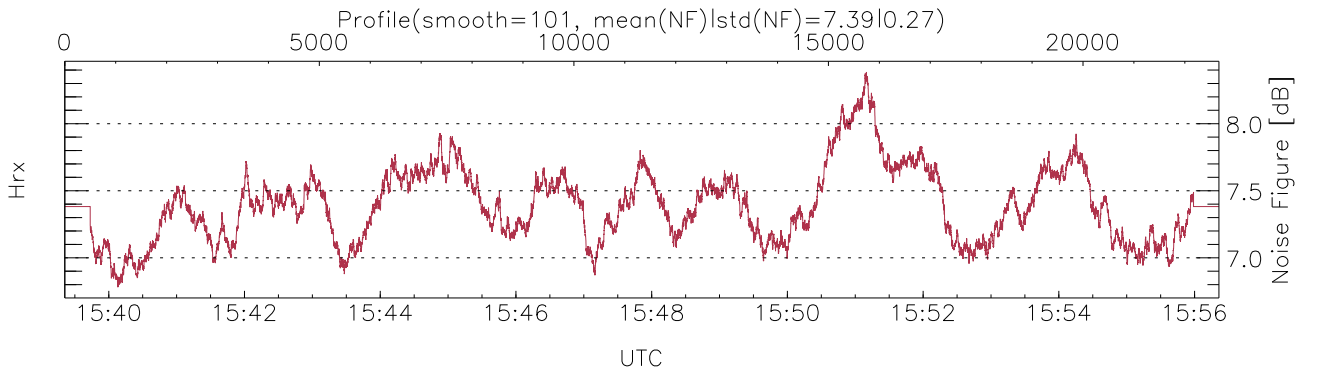
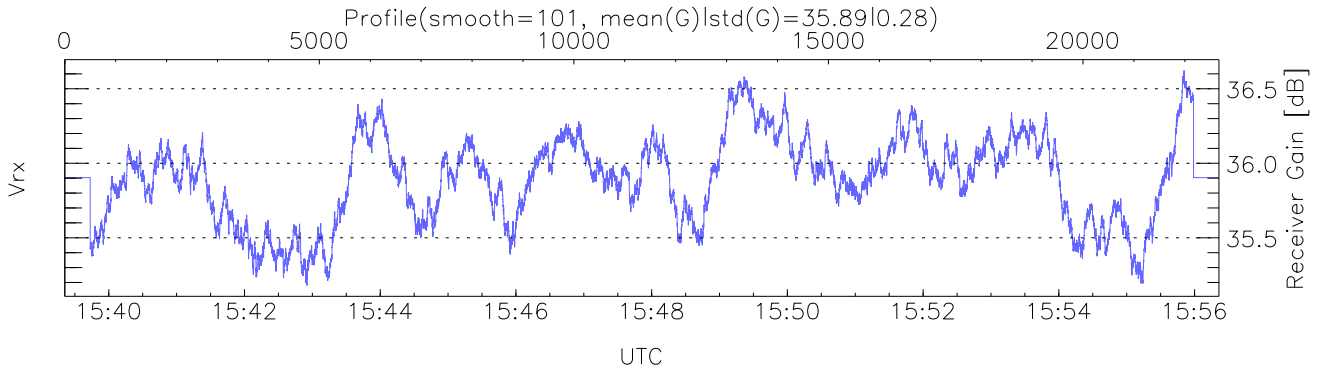
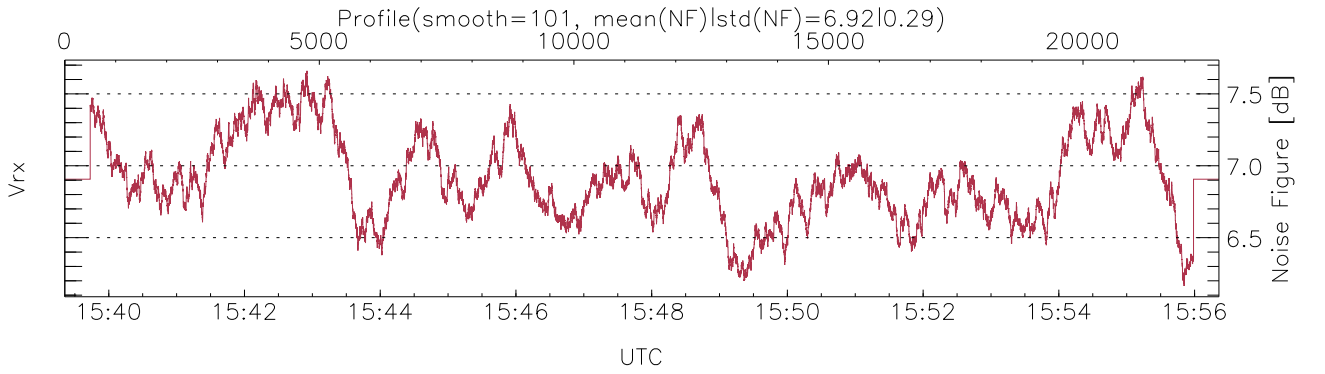
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:39:21-15:56:22, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/15:39:21-15:56:22
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



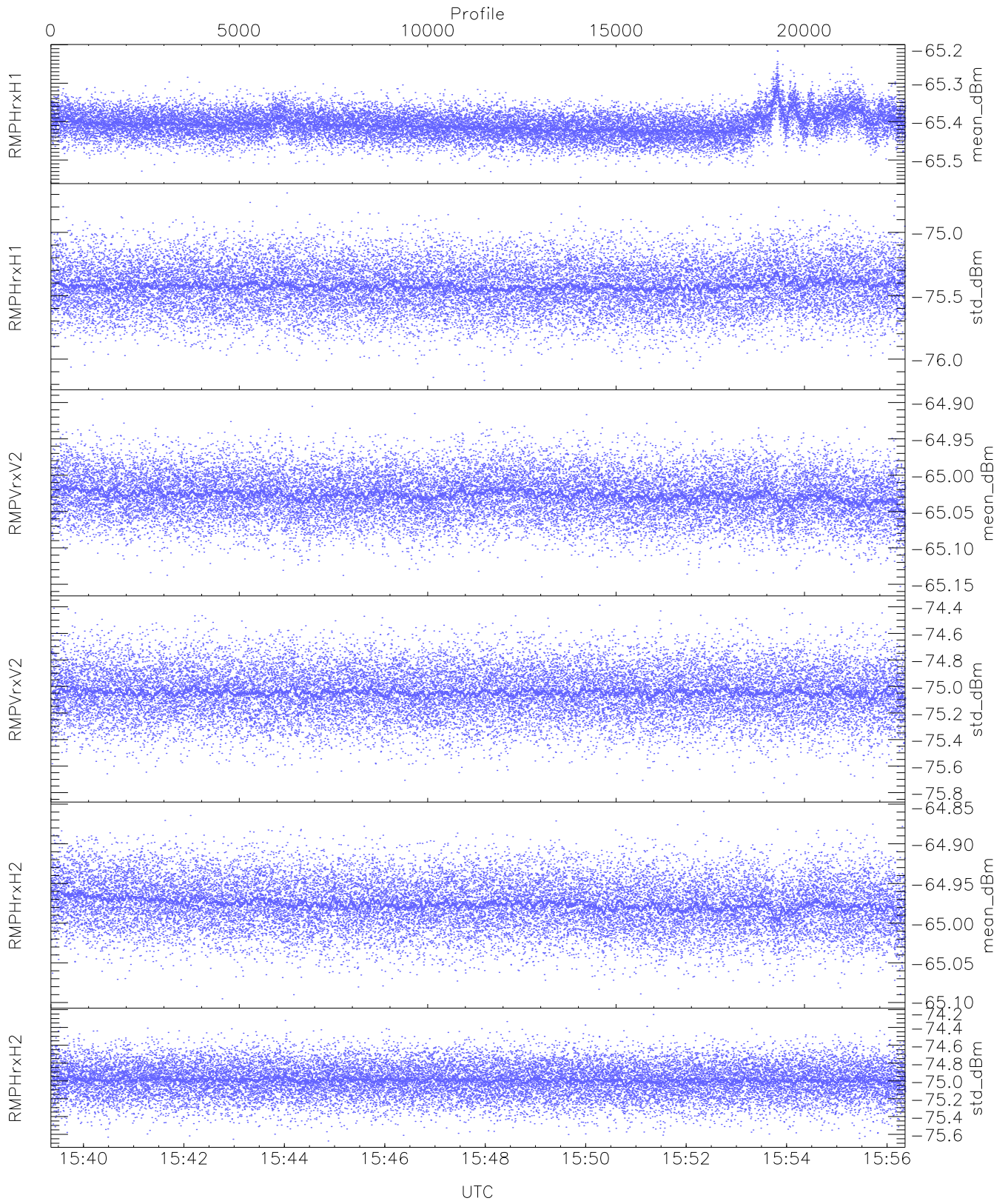
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,26,28`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,28,29`
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (45,45,45,45,45,45)`



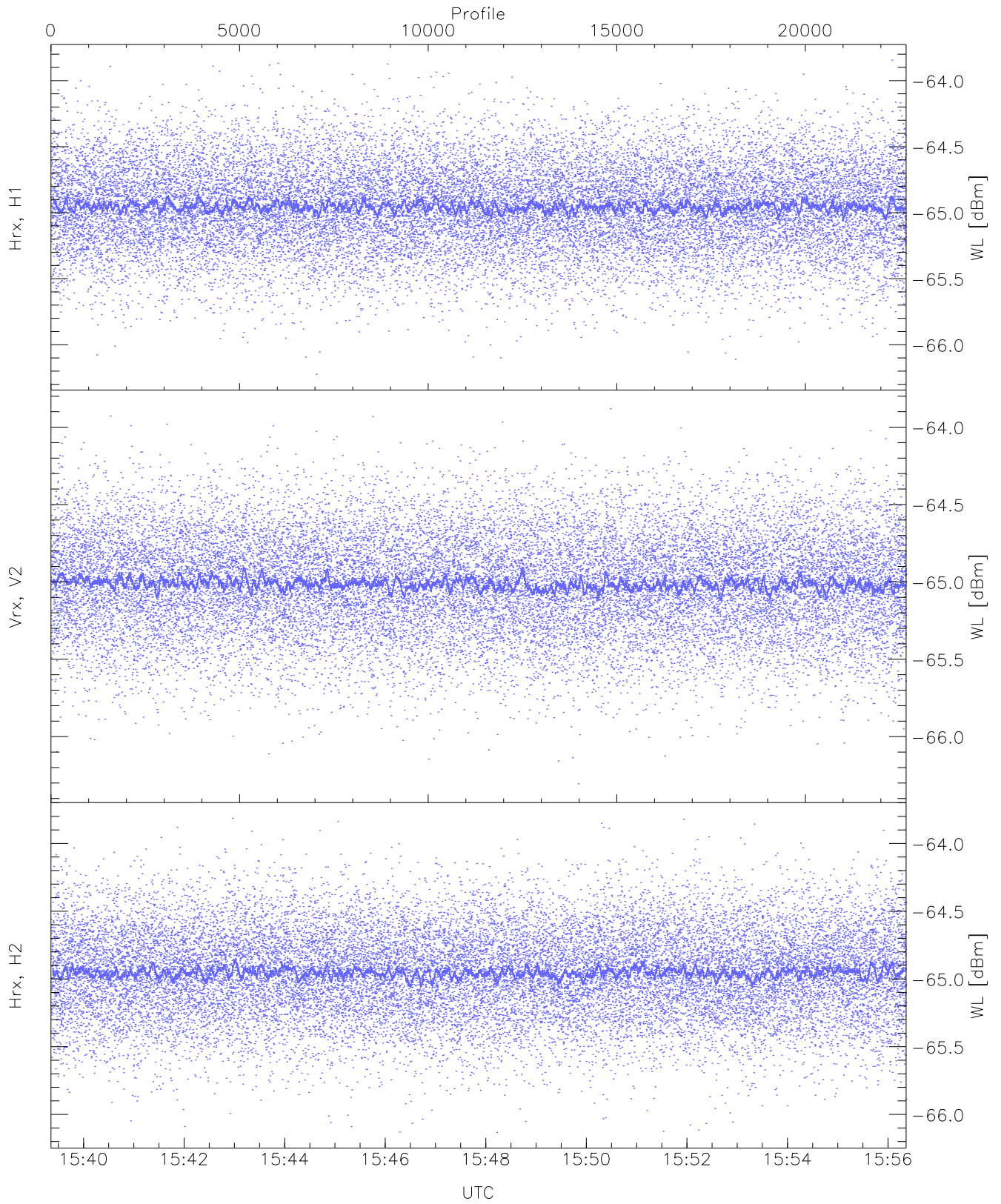
WCR3 CPP Receivers Gain and Noise Figure

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



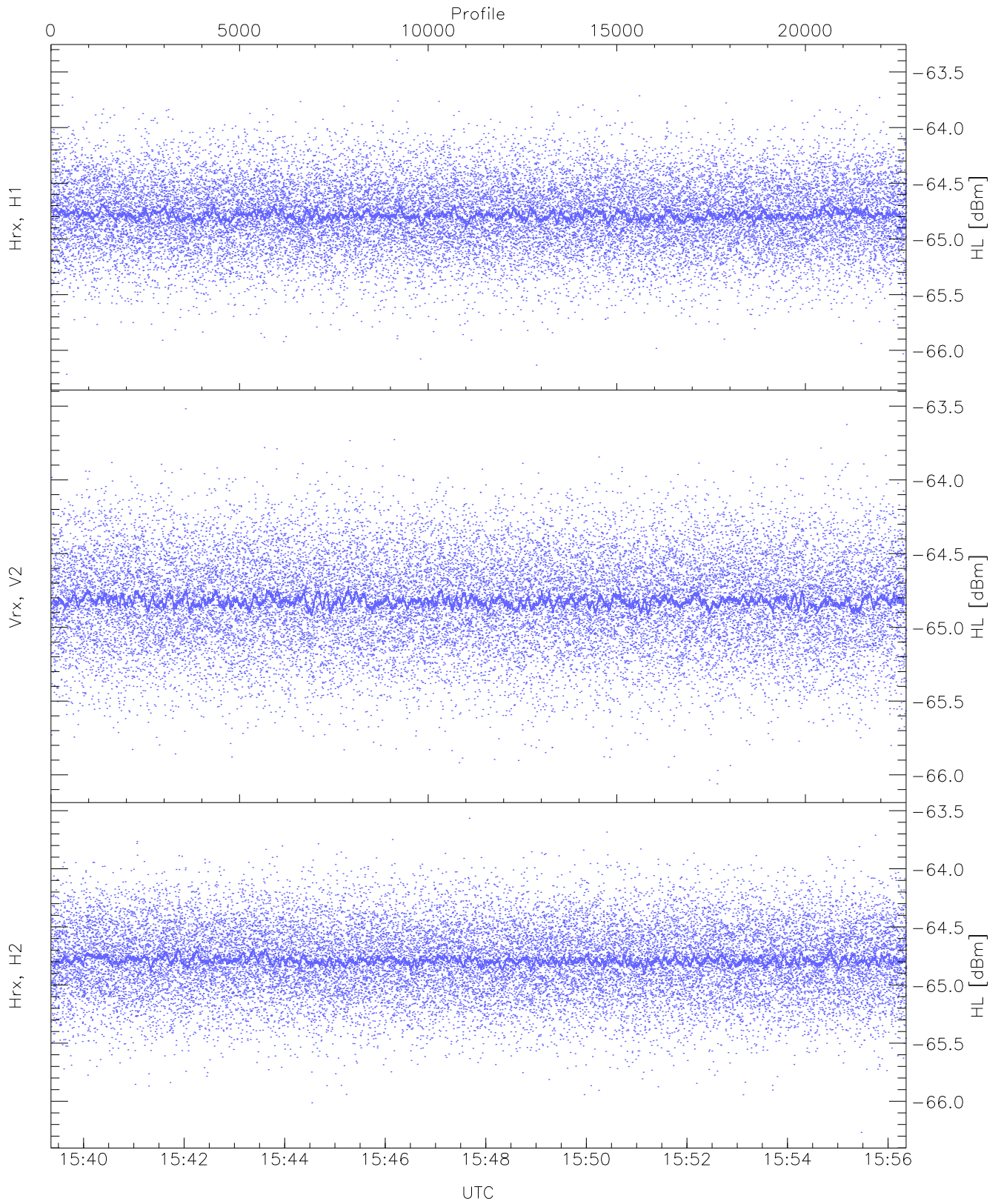
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.54	-65.22	-65.41	-65.41	-86.44
RMPHrxH1 (std_dBm)	-76.17	-74.69	-75.42	-75.42	-89.21
RMPVrxV2 (mean_dBm)	-65.15	-64.90	-65.03	-65.03	-86.57
RMPVrxV2 (std_dBm)	-75.80	-74.39	-75.04	-75.05	-88.83
RMPHrxH2 (mean_dBm)	-65.10	-64.86	-64.98	-64.98	-86.51
RMPHrxH2 (std_dBm)	-75.67	-74.25	-74.99	-74.99	-88.76



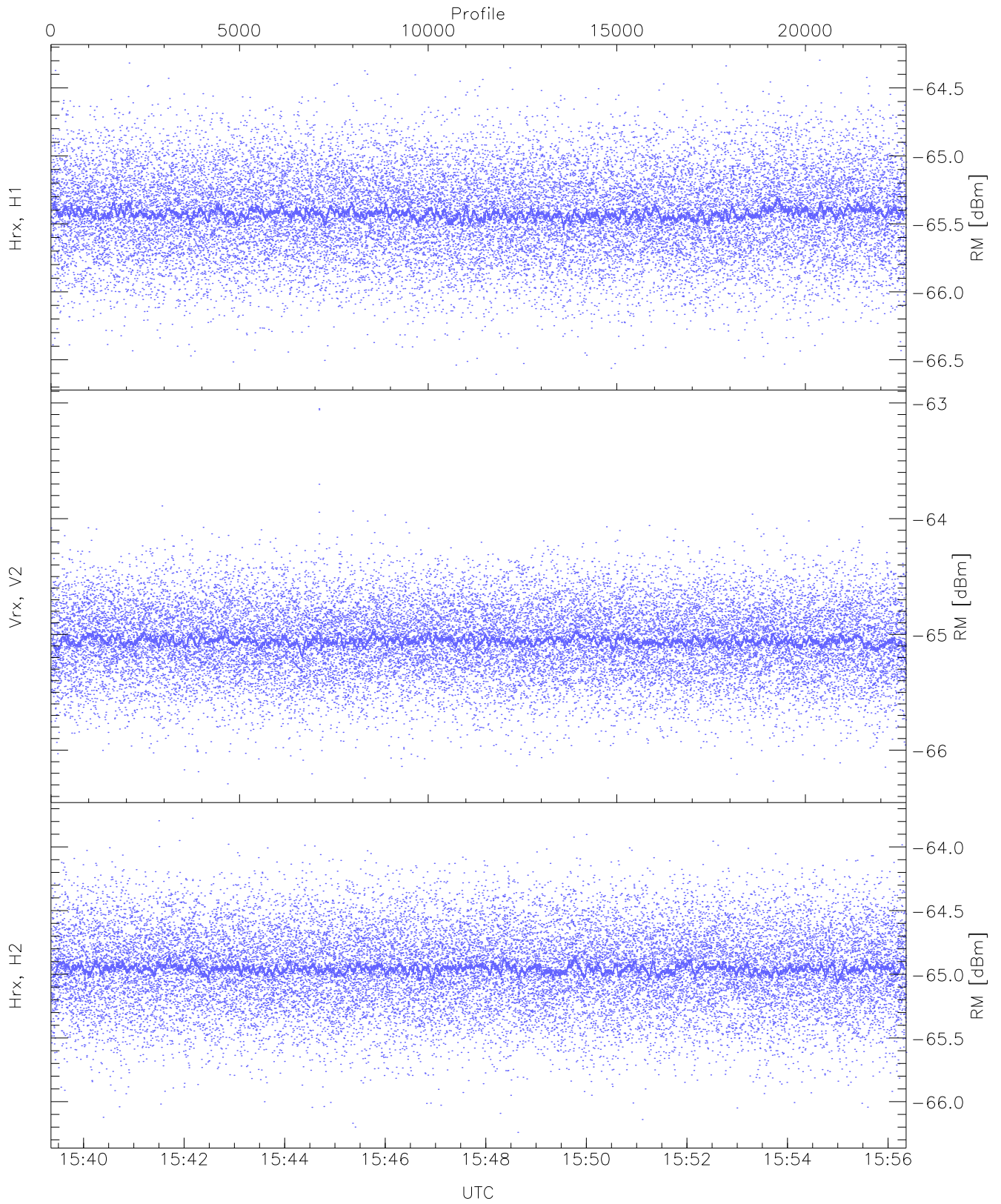
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.22	-63.85	-64.95	-64.95	-76.45
Vrx, V2 (WL [dBm])	-66.30	-63.88	-65.01	-65.01	-76.55
Hrx, H2 (WL [dBm])	-66.13	-63.81	-64.95	-64.95	-76.45



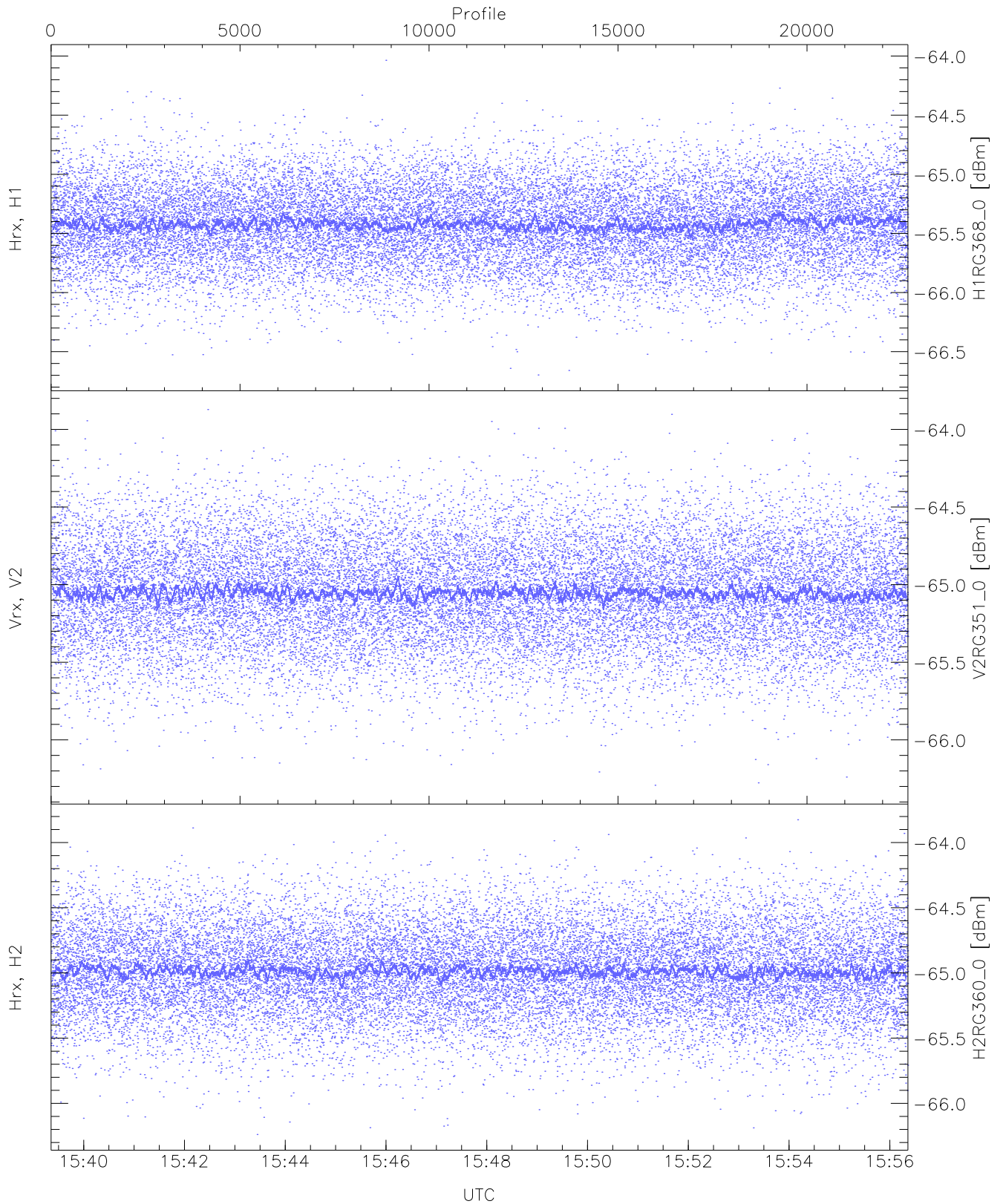
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.22	-63.40	-64.78	-64.79	-76.26
Vrx, V2 (HL [dBm])	-66.06	-63.52	-64.81	-64.82	-76.32
Hrx, H2 (HL [dBm])	-66.27	-63.57	-64.78	-64.79	-76.30



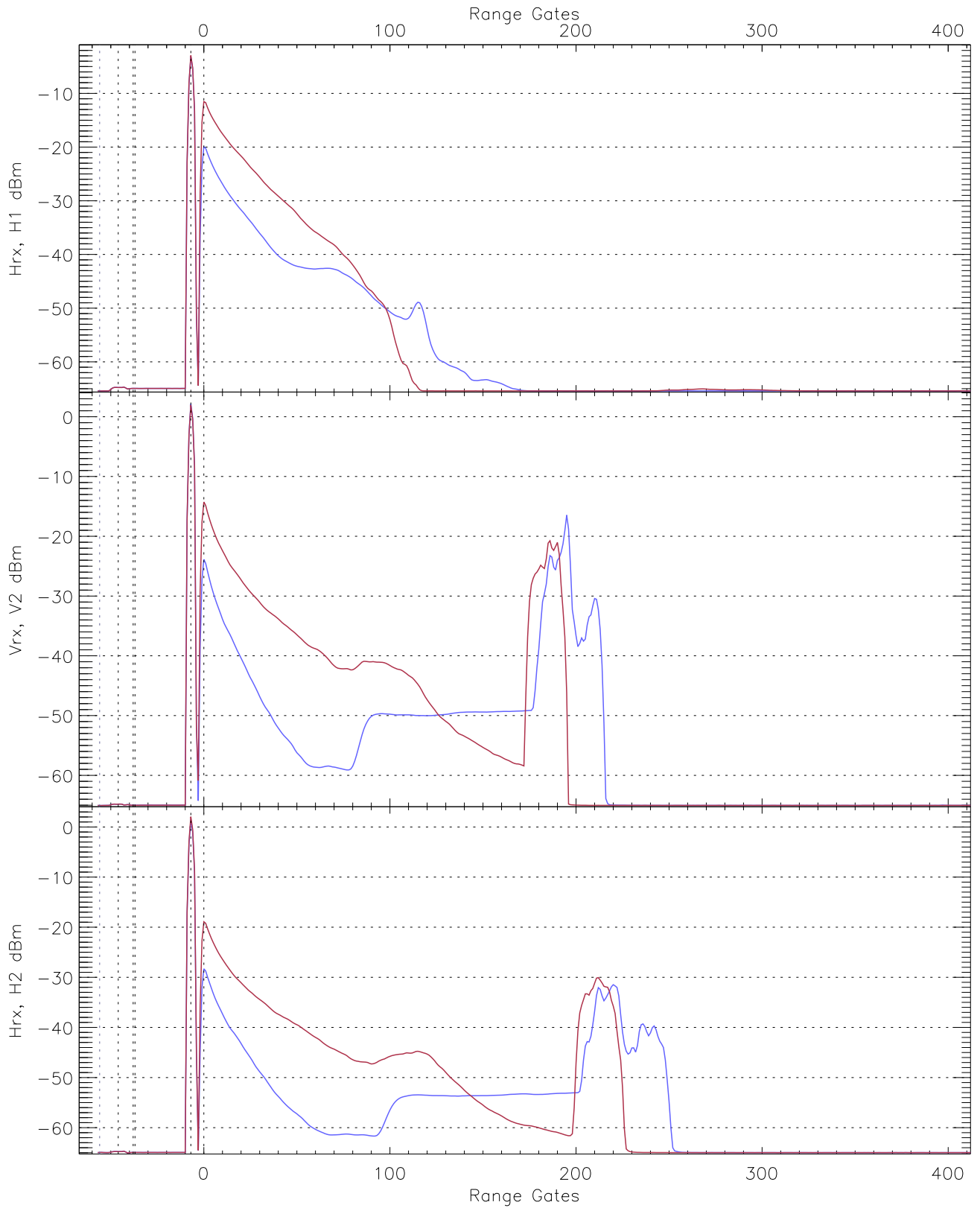
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.61	-64.30	-65.42	-65.43	-76.91
Vrx, V2 (RM [dBm])	-66.29	-63.05	-65.05	-65.05	-76.50
Hrx, H2 (RM [dBm])	-66.24	-63.77	-64.95	-64.95	-76.45

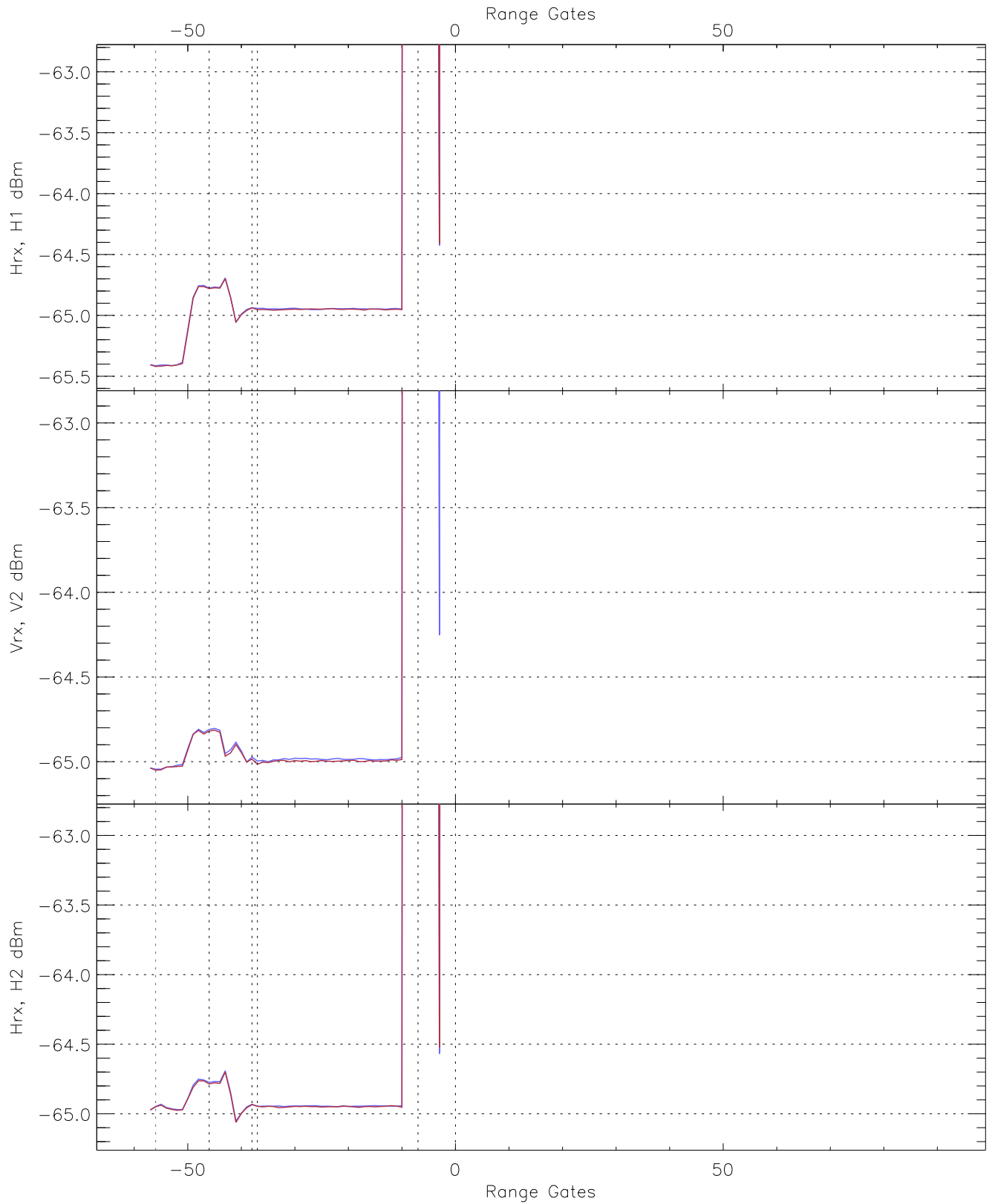


WCR3 CPP "Best" estimate Receivers Noise Power

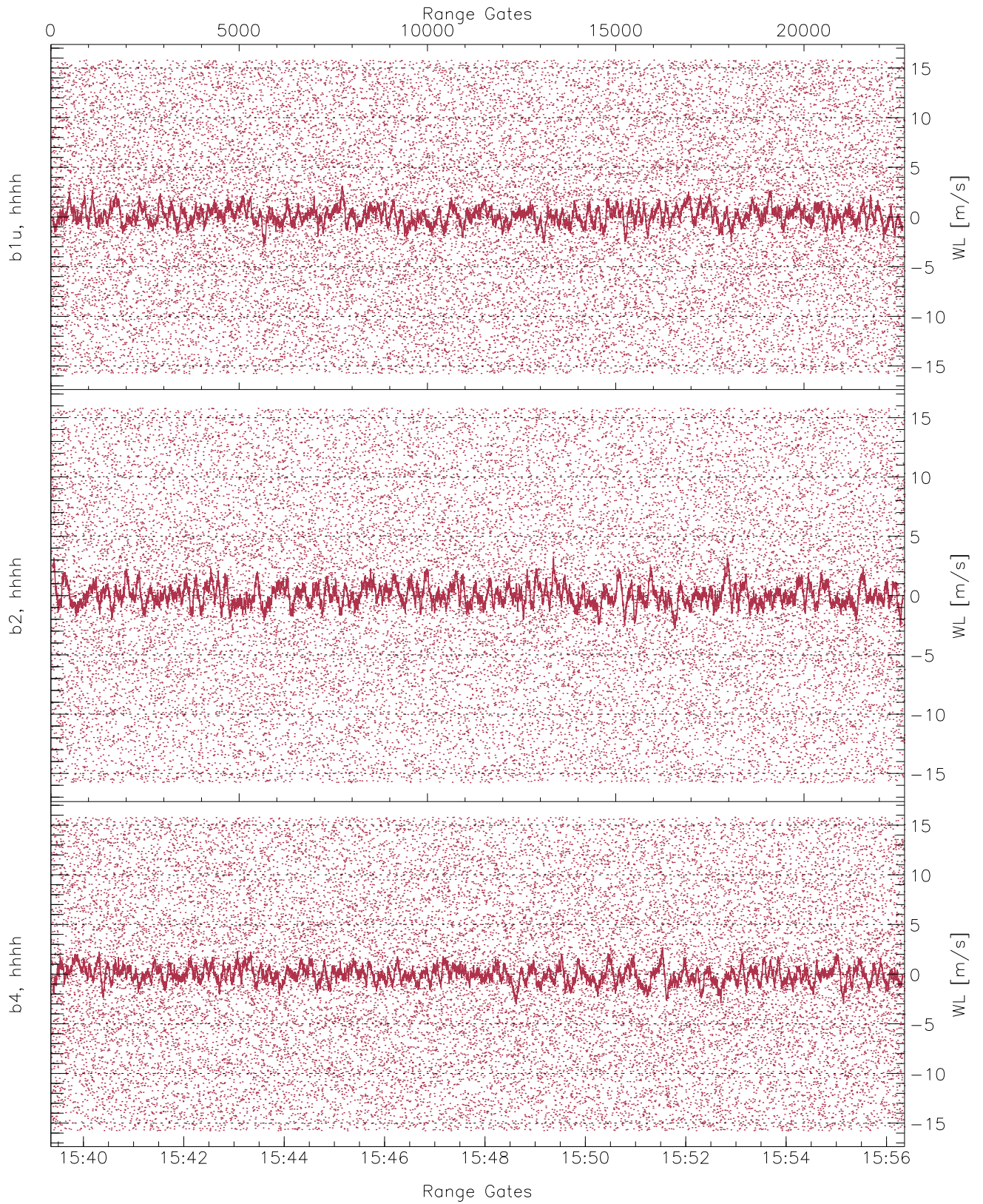
	Min	Max	Mean	Median	StDev
H1RG368_0 [dBm]	-66.70	-64.04	-65.42	-65.42	-76.91
V2RG351_0 [dBm]	-66.29	-63.87	-65.05	-65.06	-76.54
H2RG360_0 [dBm]	-66.24	-63.83	-64.98	-64.99	-76.48



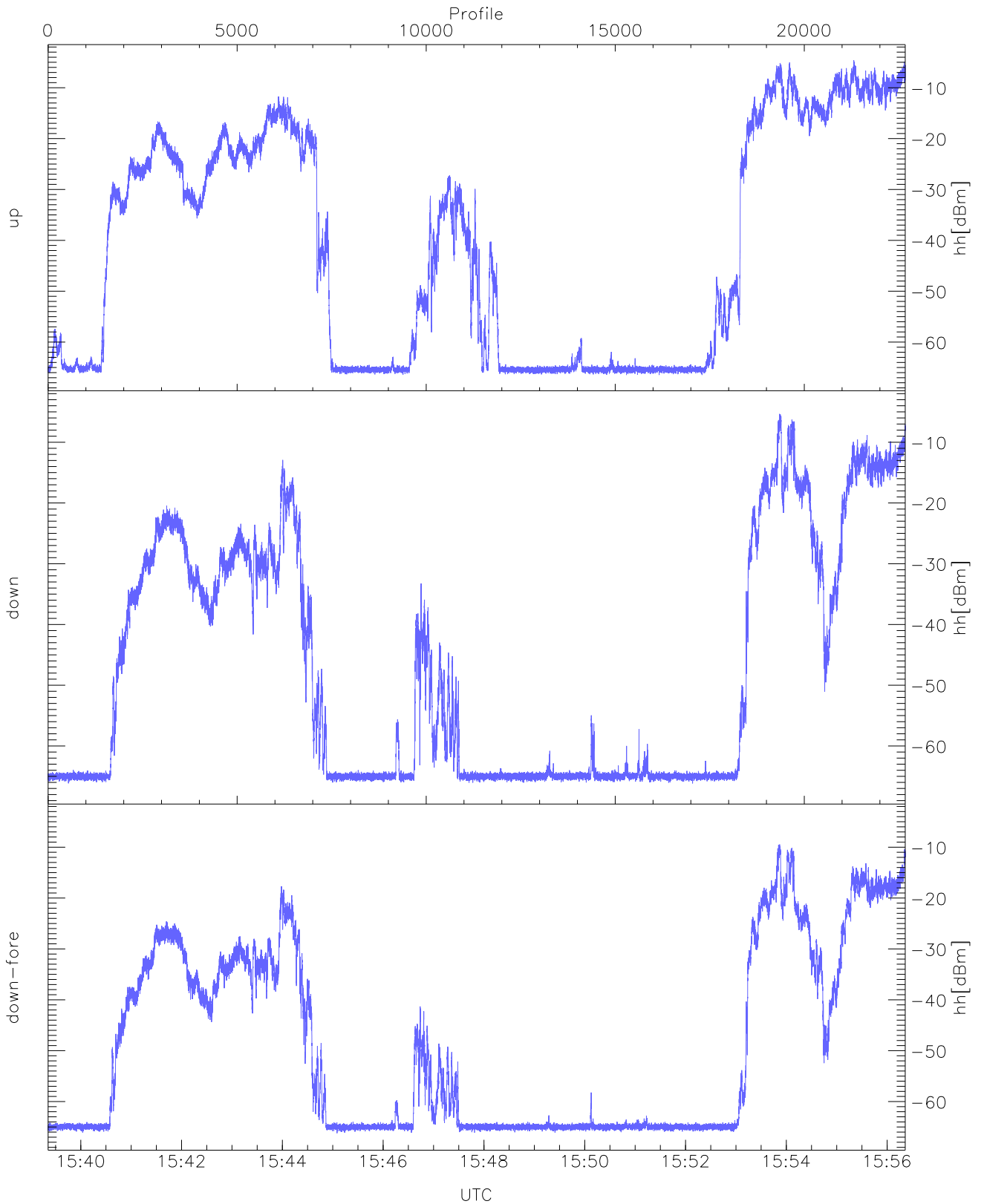
WCR3 CPP Averaged Received power for all recorded gates
blue: 153921-154751, 11337 profiles averaged
red: 154751-155622, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 153921-154751, 11337 profiles averaged
red: 154751-155622, 11336 profiles averaged

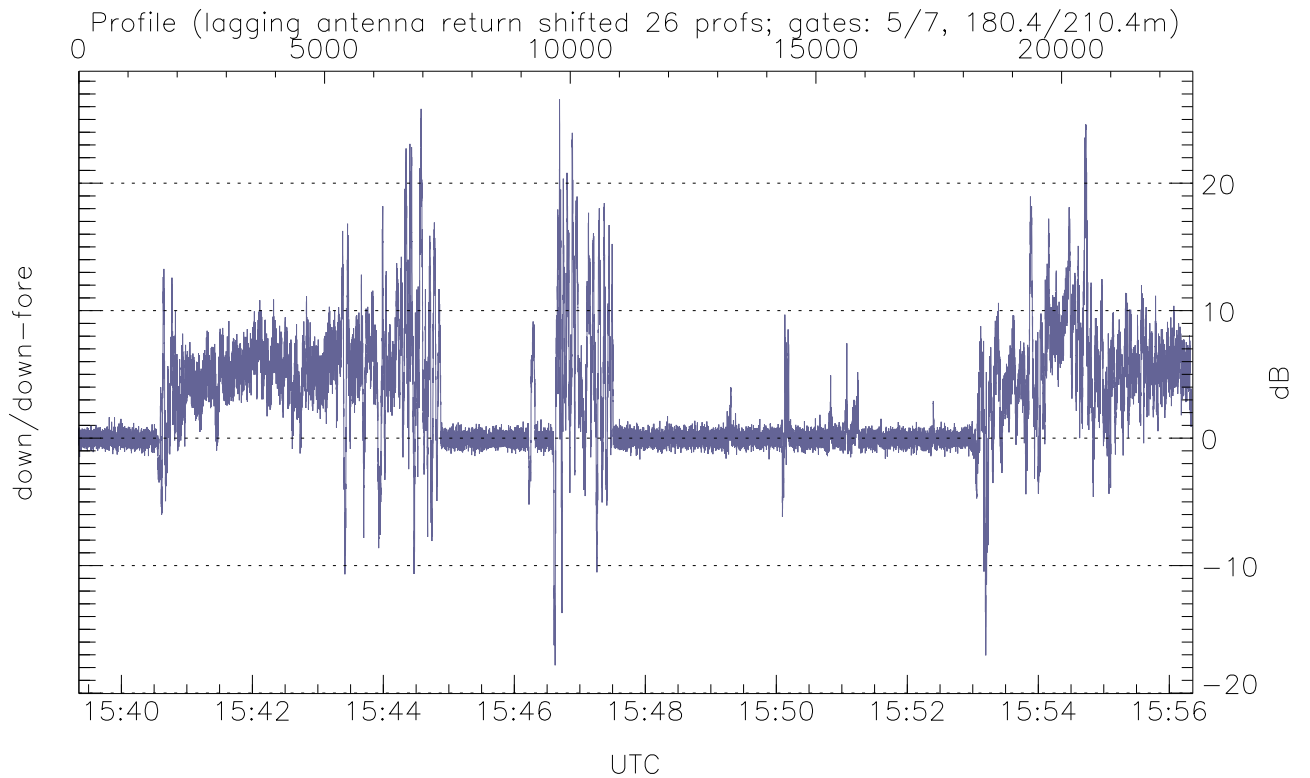
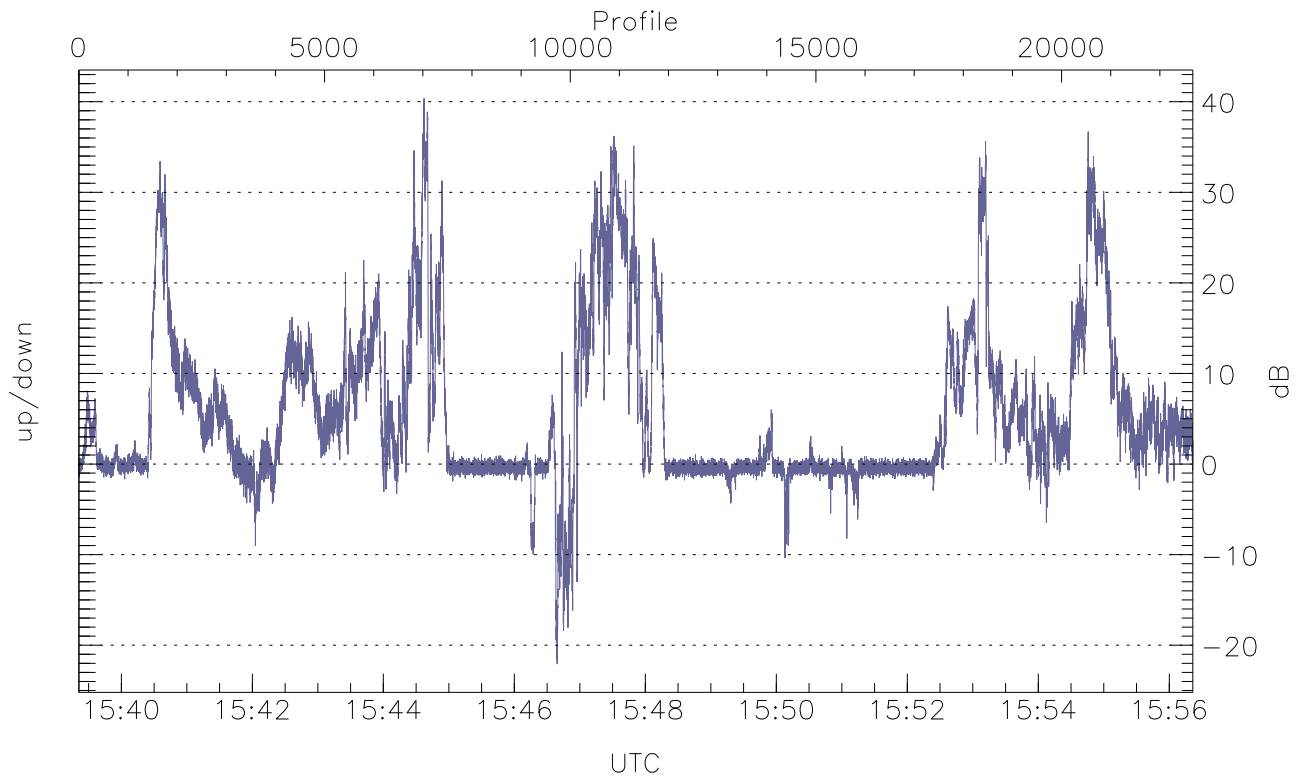


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



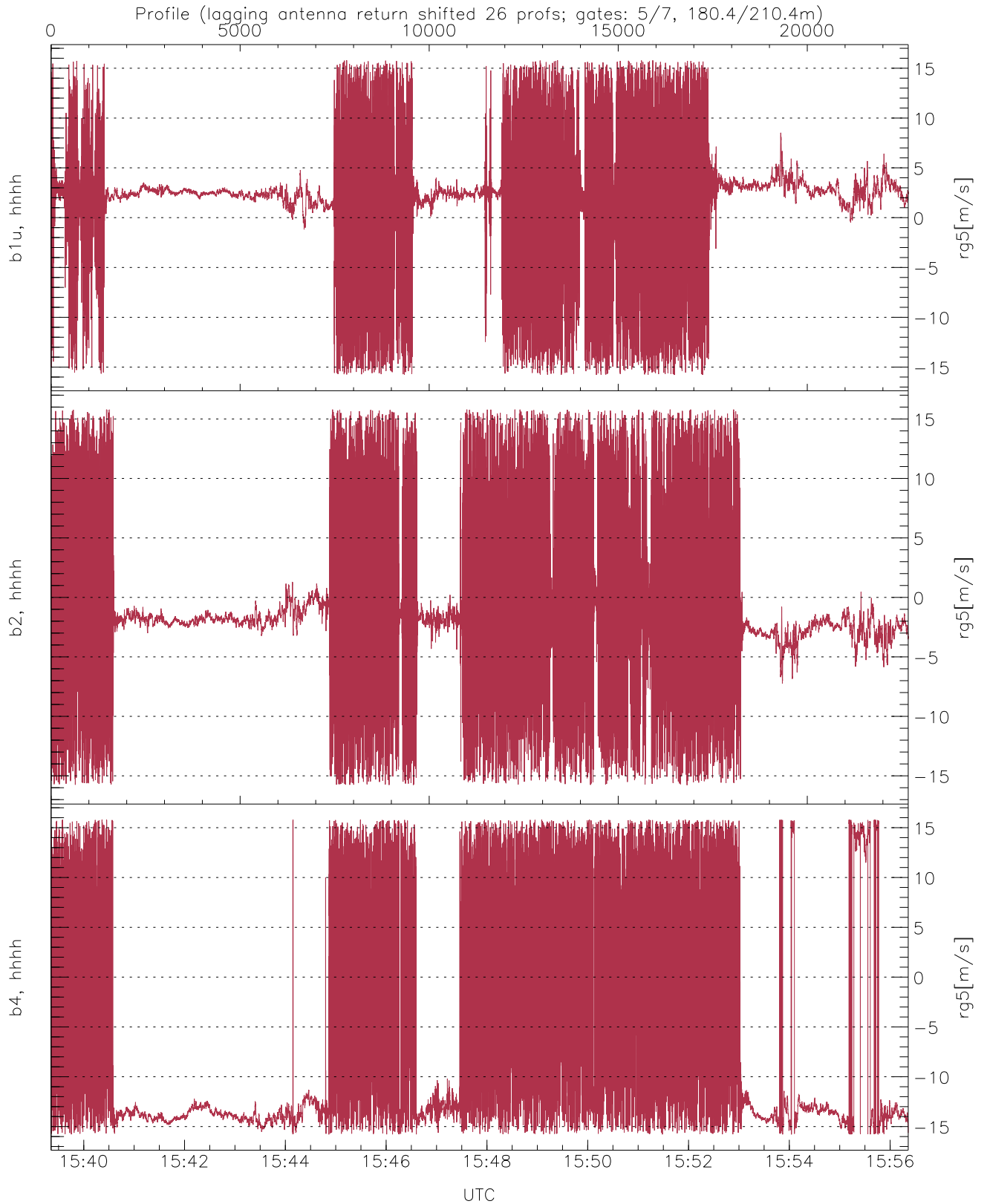
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh [dBm])	-66.47	-4.61	-17.28
down(hh [dBm])	-66.17	-5.34	-21.56
down-fore(hh [dBm])	-66.22	-9.47	-25.62



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

	Min	Max	Mean
up/down (dB)	-22.08	40.38	5.63
down/down-fore (dB)	-17.82	26.56	2.76



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.71	5.20
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.08	5.83
b4, hhhh(rg5[m/s])	-15.79	15.79	-6.14	9.98