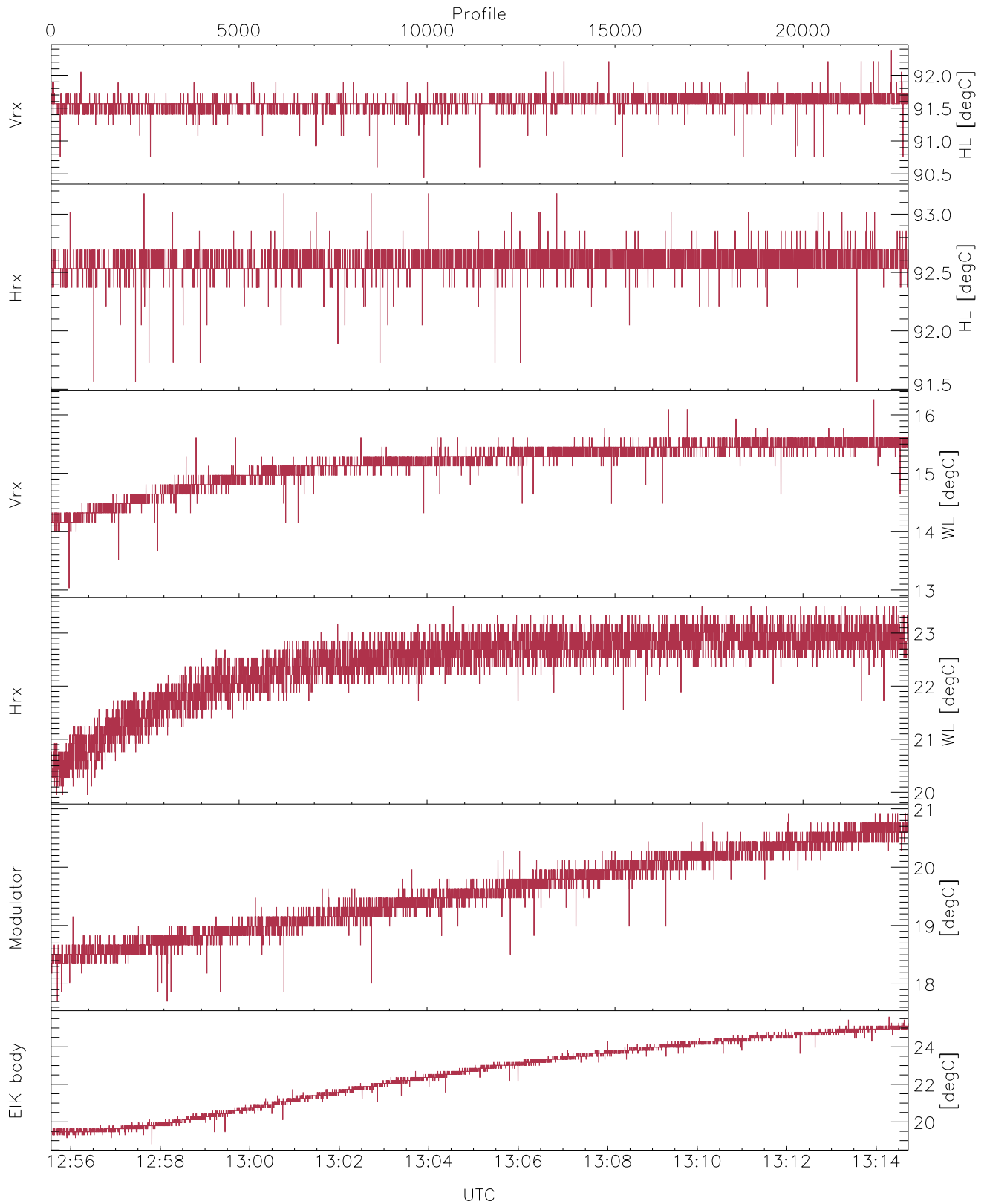


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

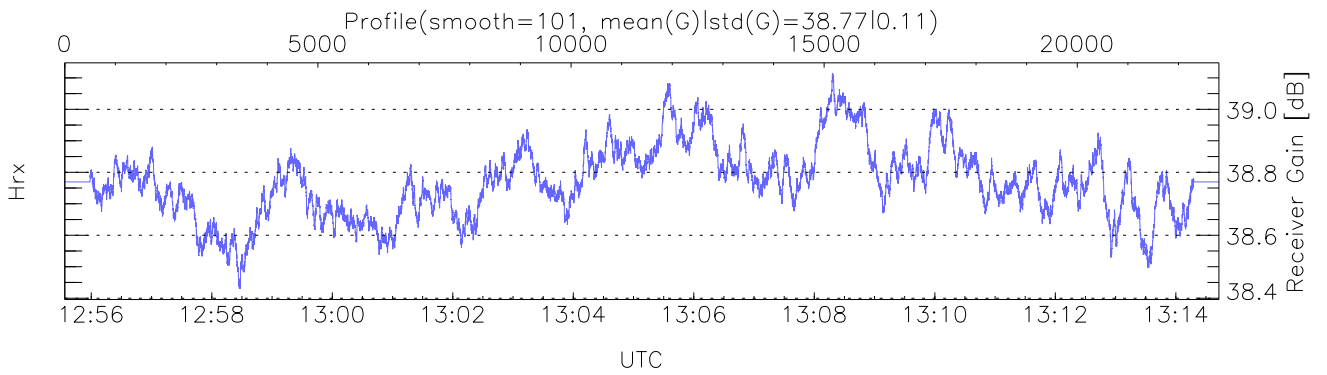
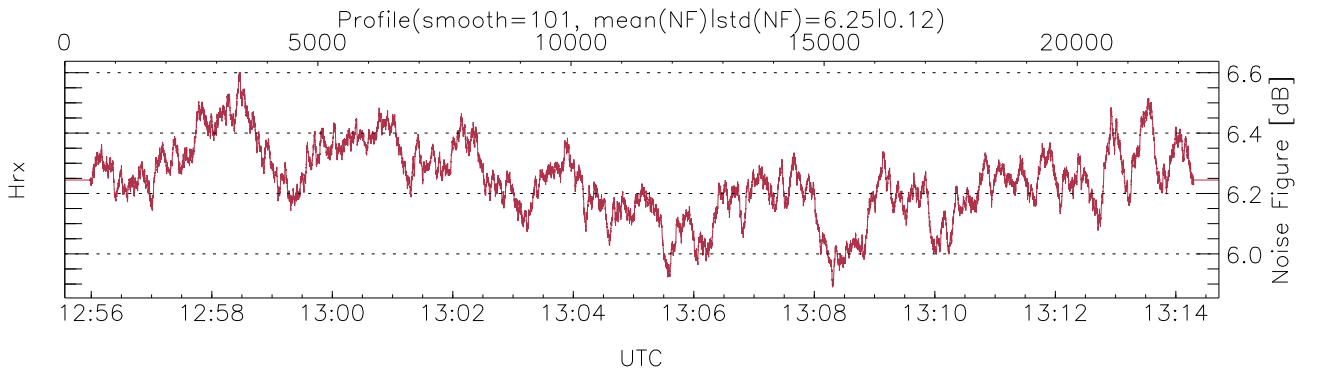
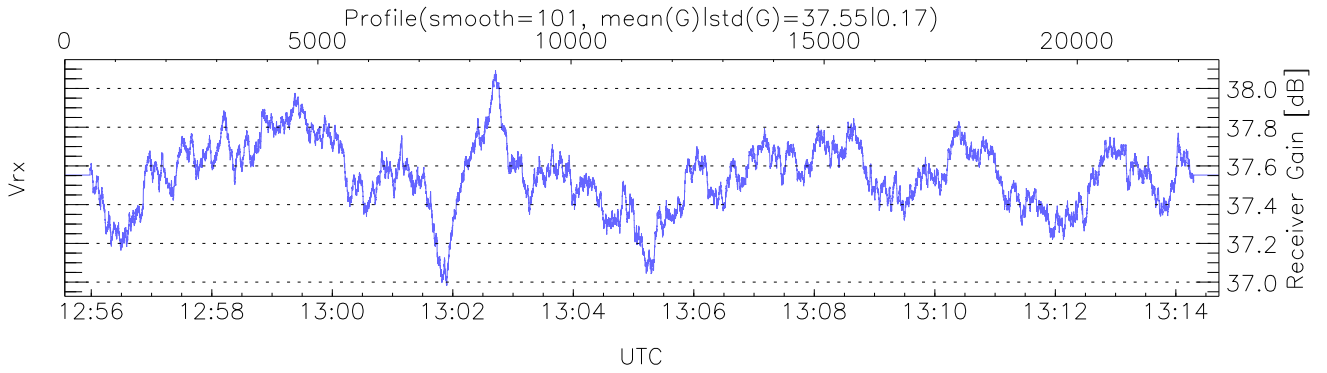
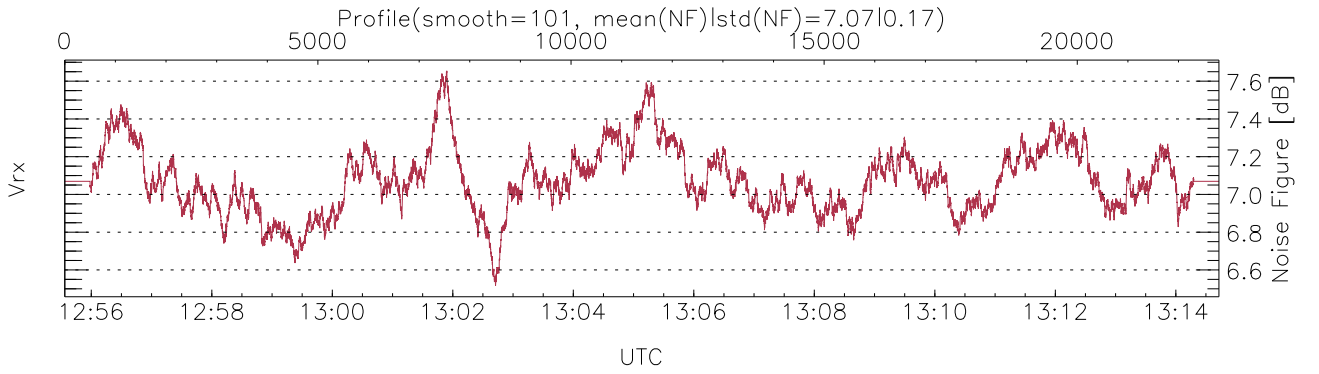
UTC: 12:55:34-13:19:35, Dur: 1441.40s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/28593, 0-22799/12:55:34-13:14:43
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

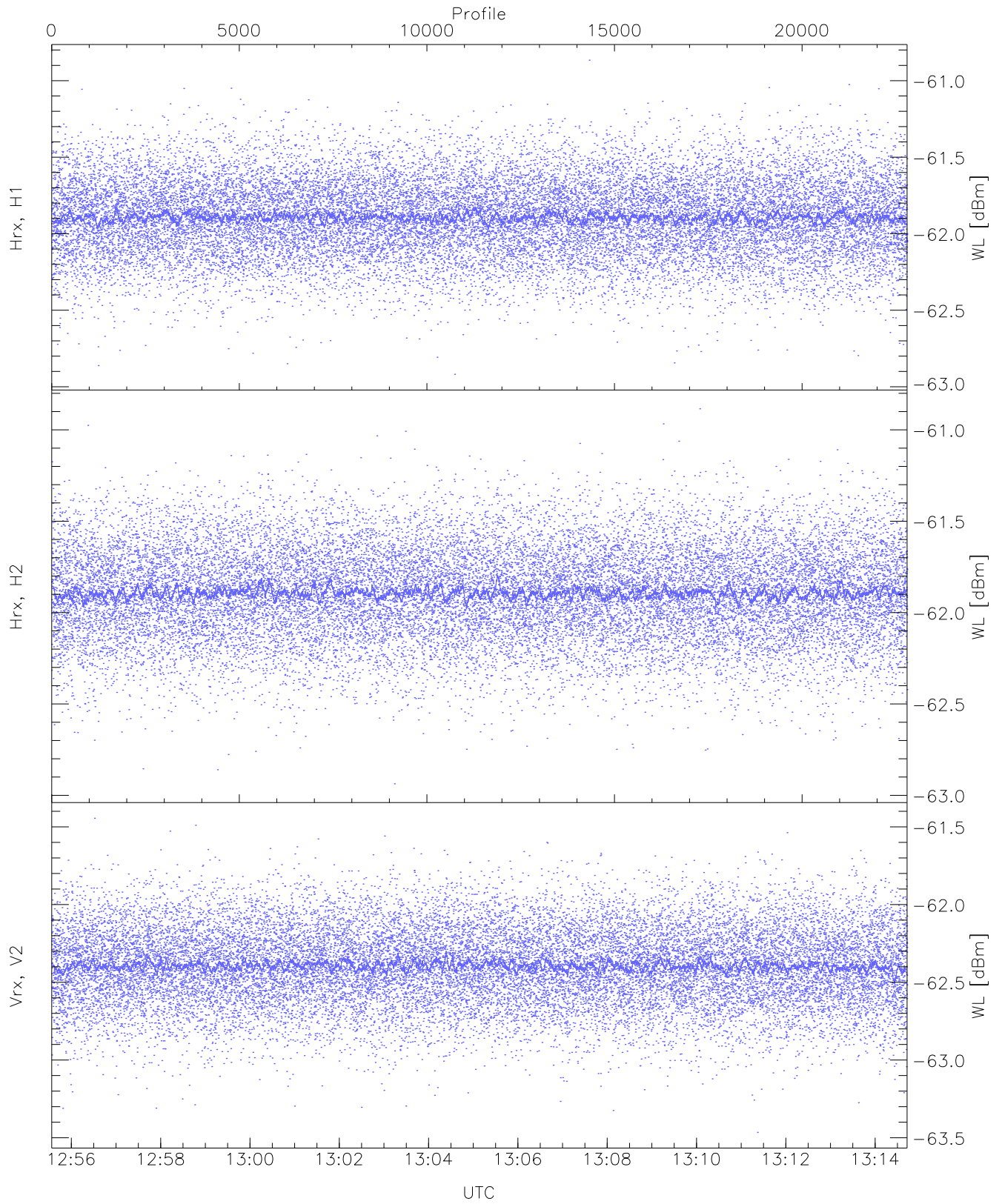
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,19,17,18
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,20,25
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,20)



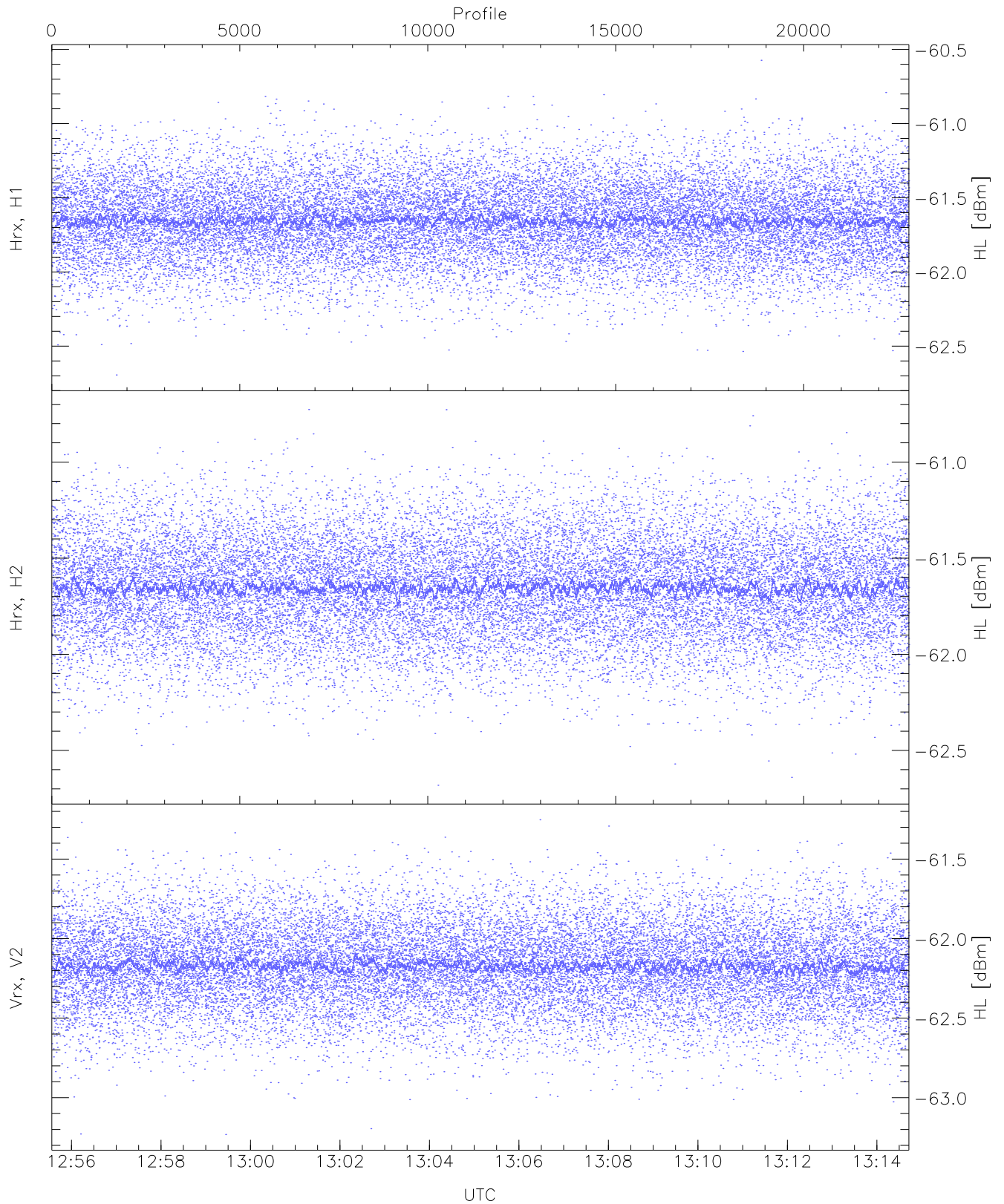
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3132 pixs, 25 gates, 2857 profs, 2 prods



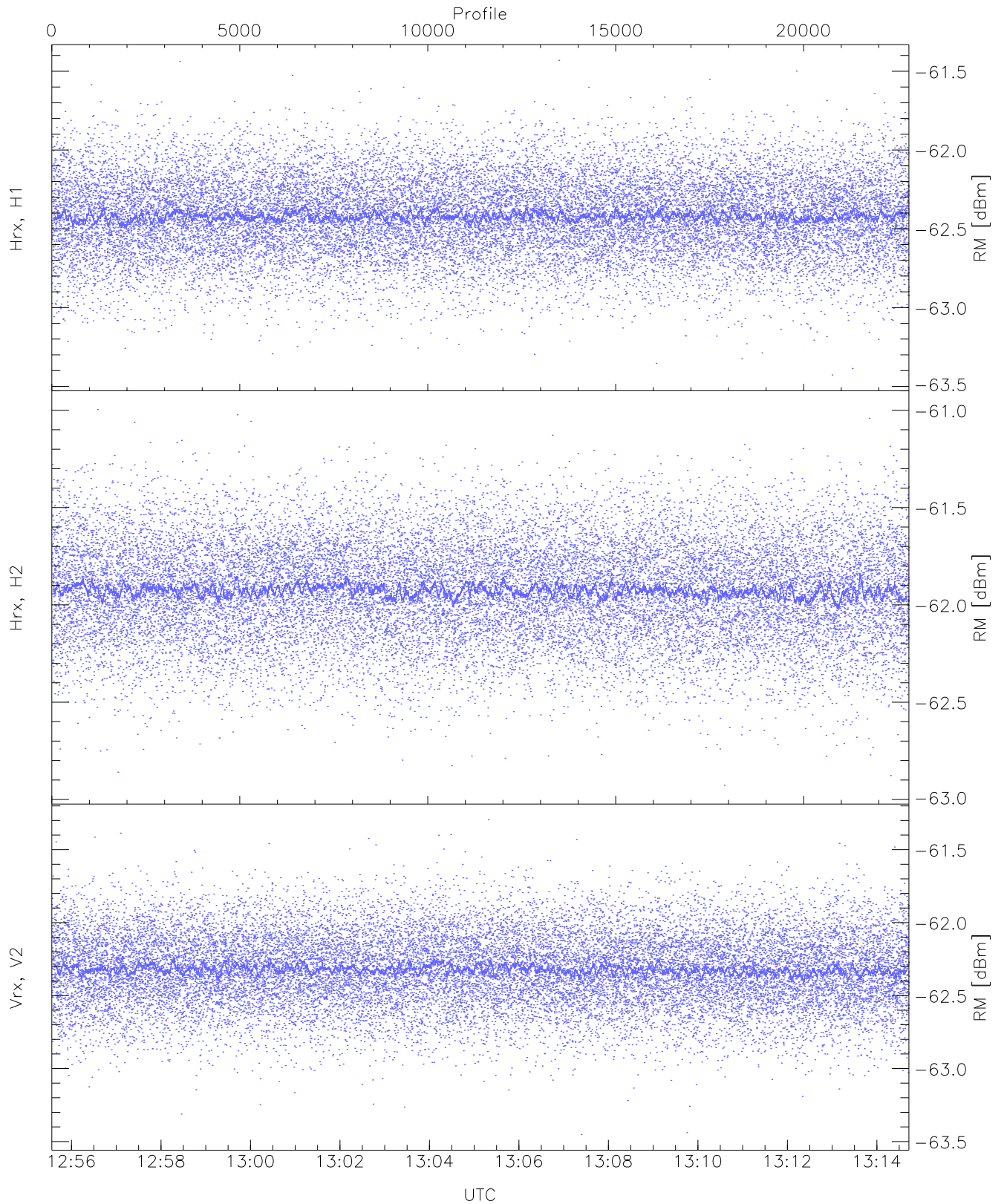
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.92	-60.87	-61.89	-61.89	-74.43
Hrx, H2 (WL [dBm])	-62.94	-60.88	-61.89	-61.89	-74.45
Vrx, V2 (WL [dBm])	-63.47	-61.44	-62.39	-62.40	-74.97



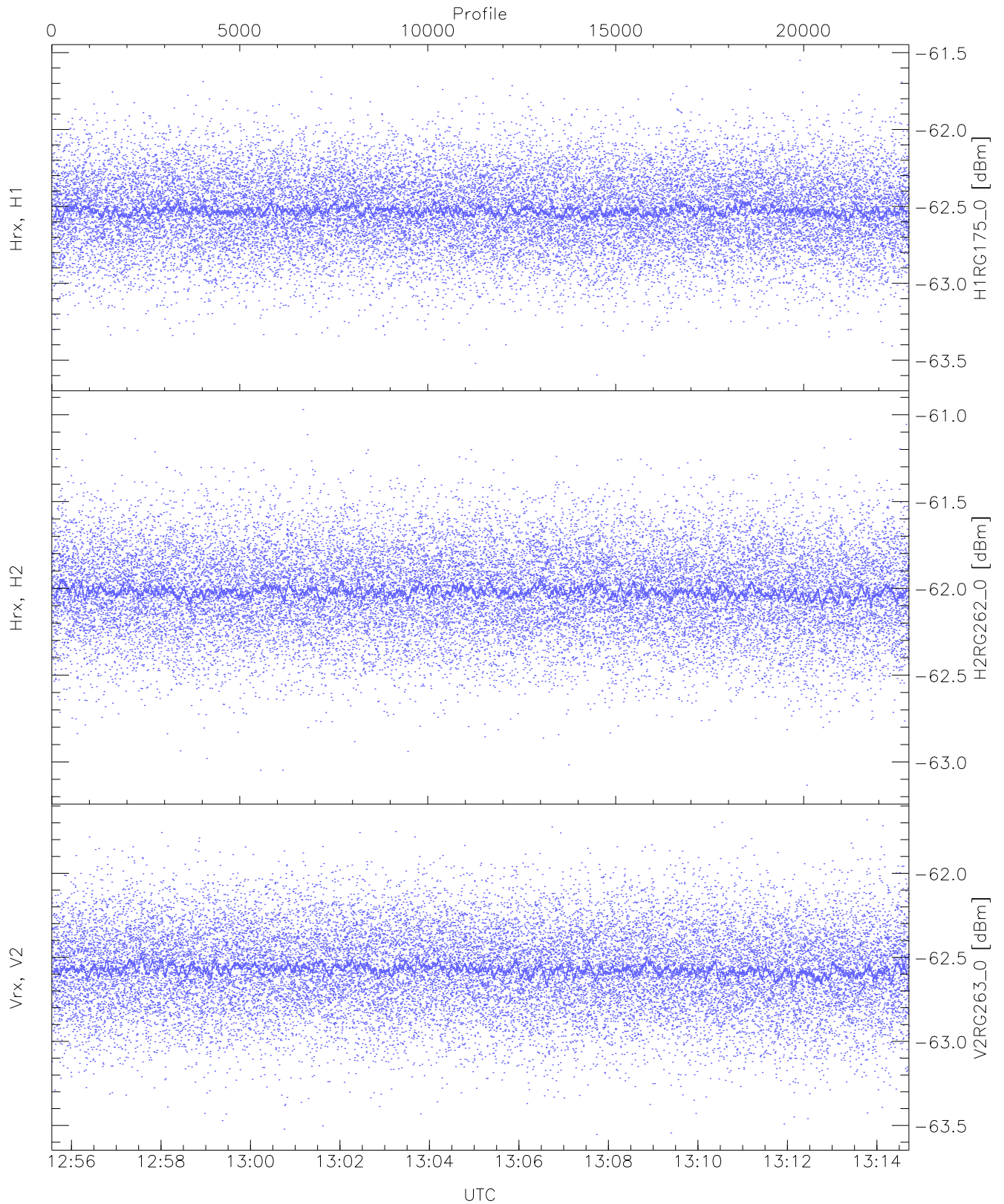
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.69	-60.57	-61.65	-61.65	-74.22
Hrx, H2 (HL [dBm])	-62.68	-60.73	-61.65	-61.65	-74.25
Vrx, V2 (HL [dBm])	-63.23	-61.25	-62.17	-62.17	-74.75



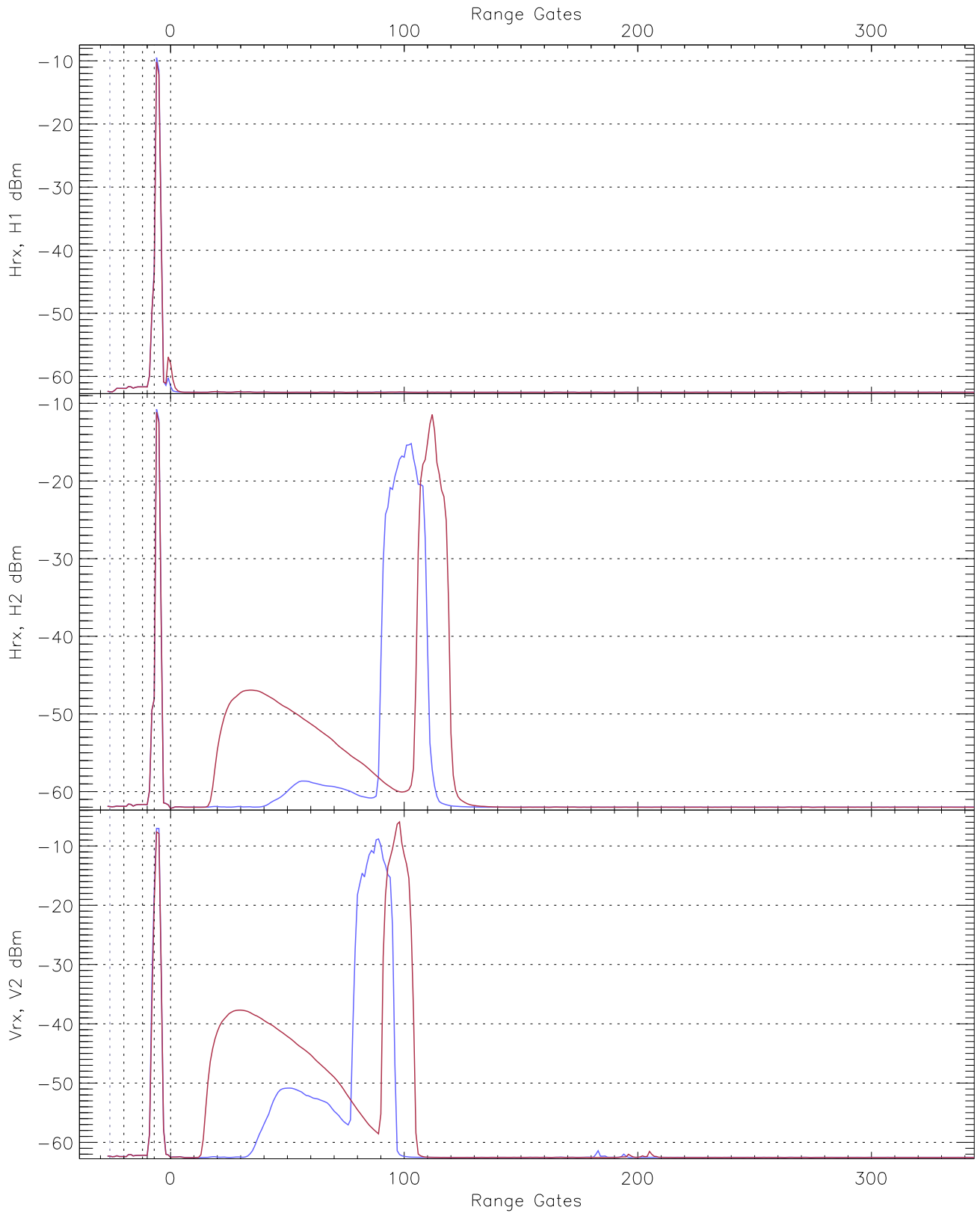
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.43	-61.43	-62.42	-62.42	-75.00
Hrx, H2(RM [dBm])	-62.93	-61.00	-61.92	-61.93	-74.46
Vrx, V2(RM [dBm])	-63.45	-61.30	-62.32	-62.32	-74.84

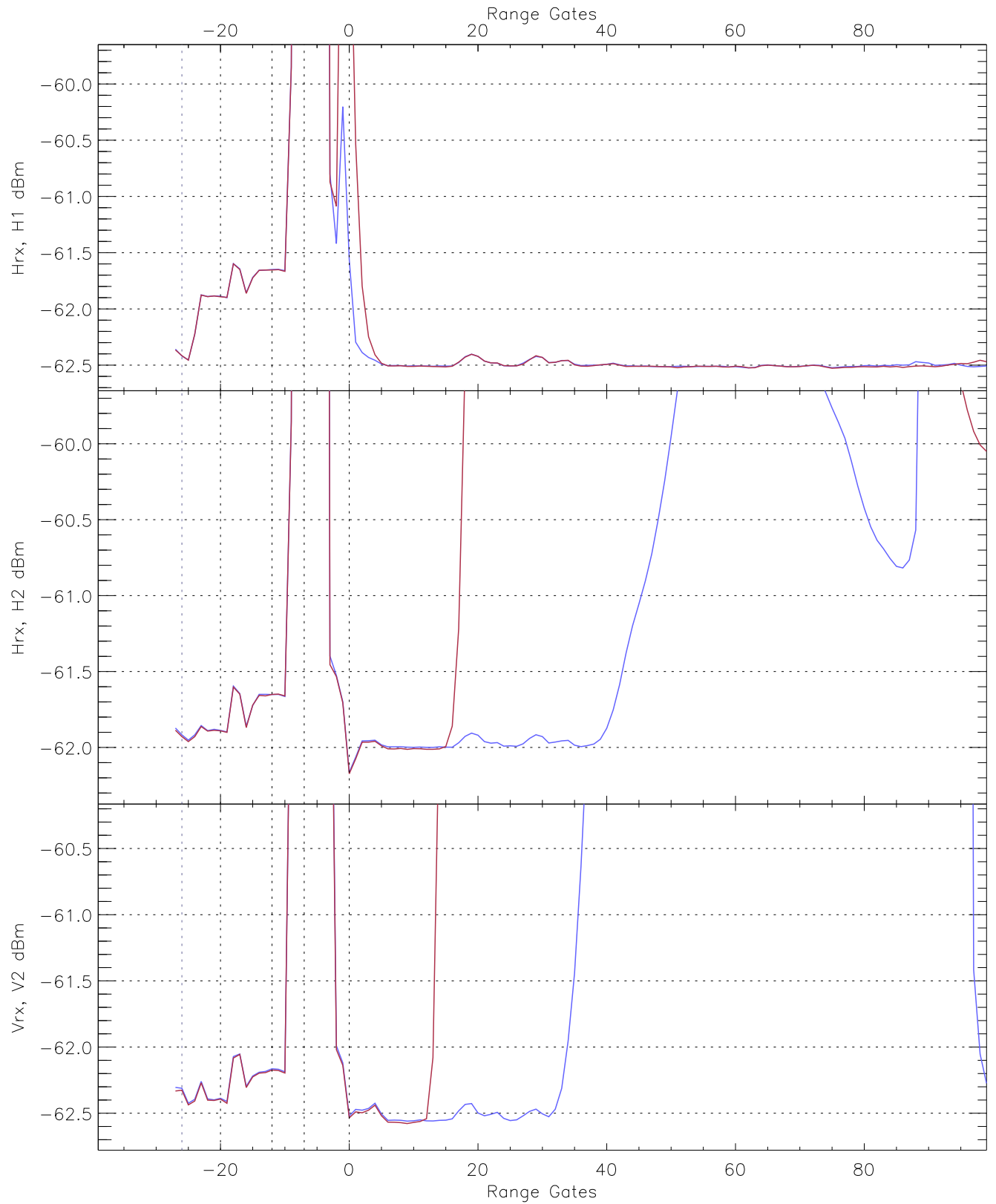


WCR2 CPP "Best" estimate Receivers Noise Power

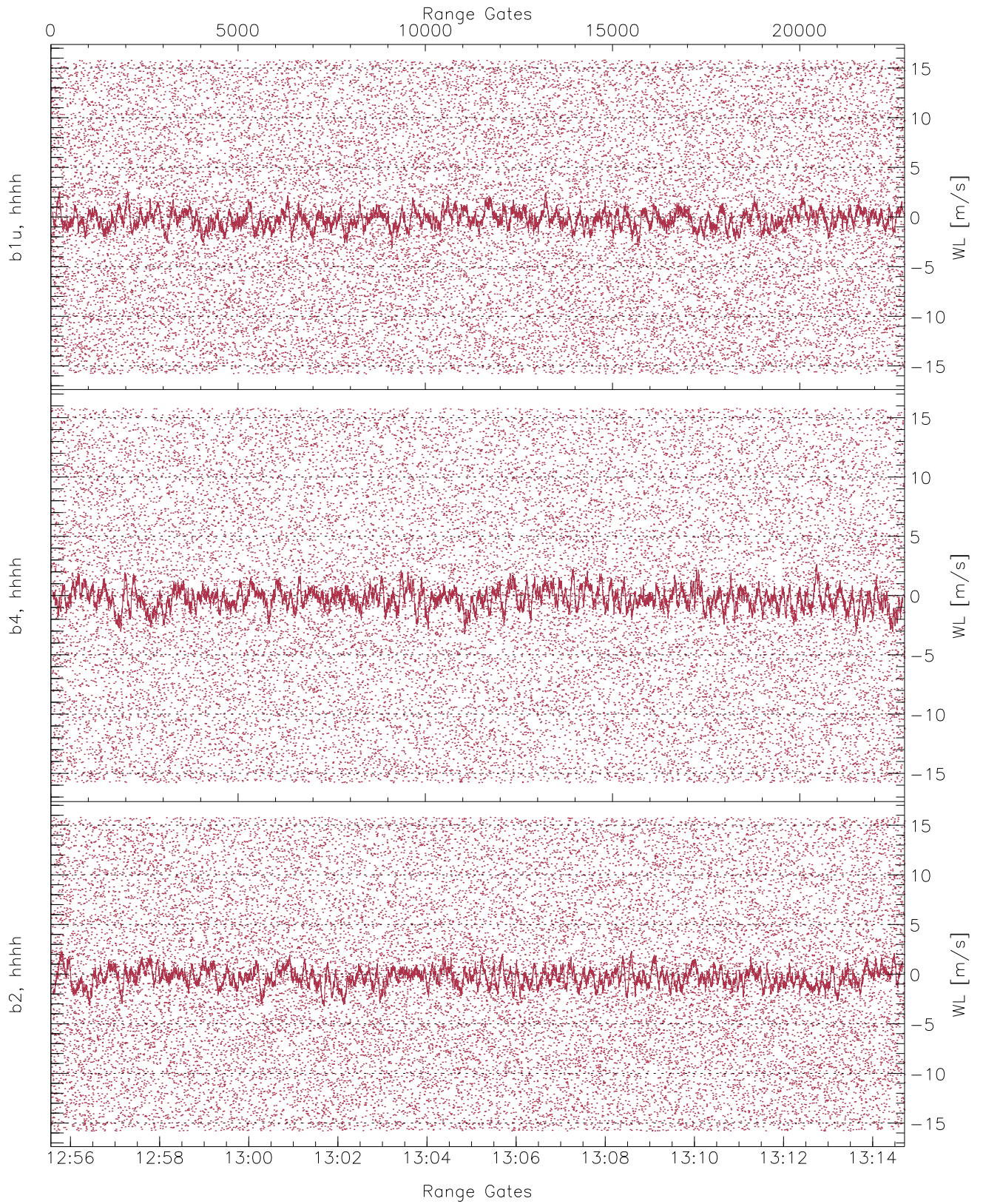
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.60	-61.55	-62.53	-62.53	-75.09
H2RG262_0 [dBm]	-63.13	-60.97	-62.02	-62.02	-74.58
V2RG263_0 [dBm]	-63.55	-61.68	-62.57	-62.57	-75.11



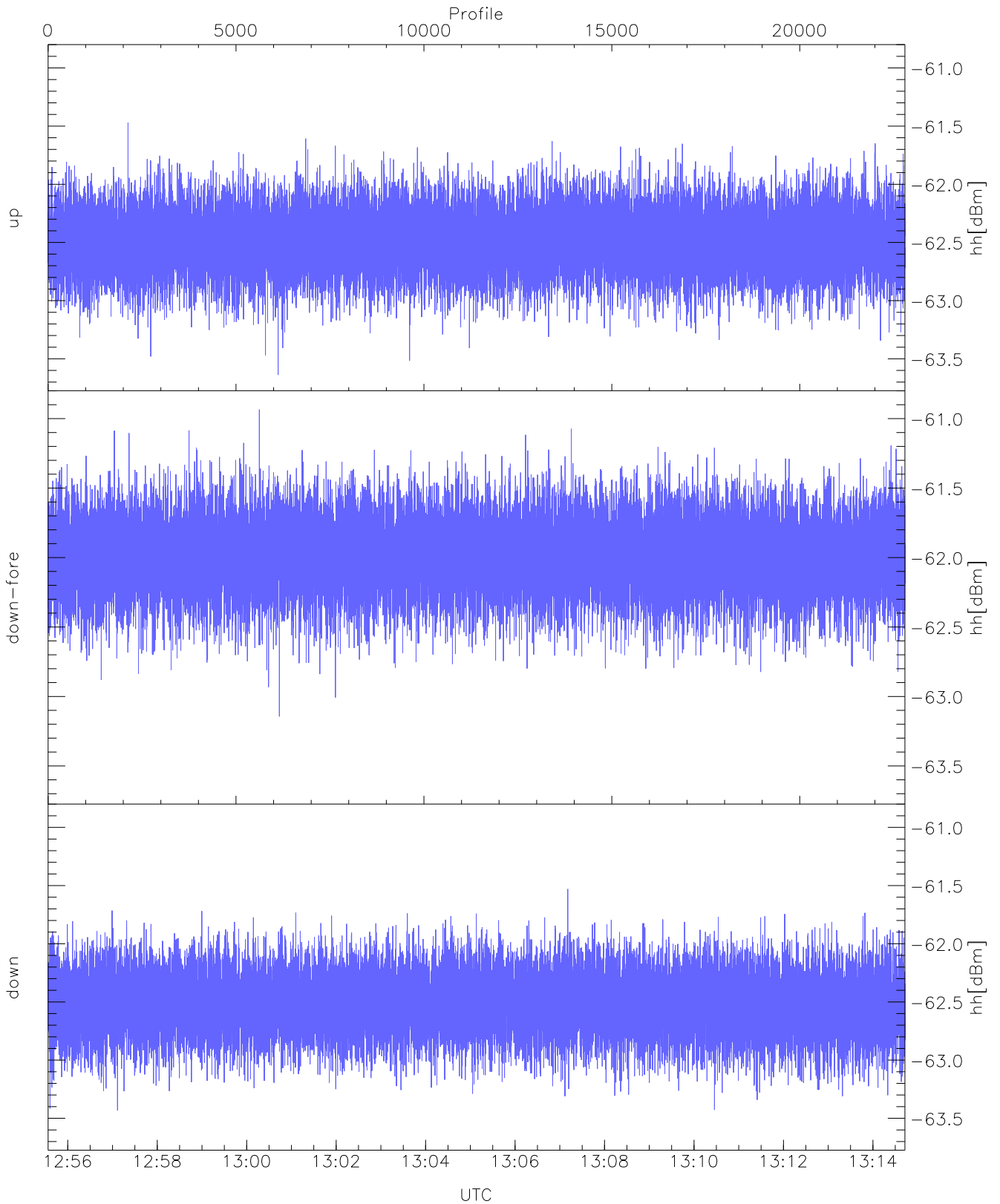
WCR2 CPP Averaged Received power for all recorded gates
blue: 125534-130508, 11401 profiles averaged
red: 130508-131443, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 125534-130508, 11401 profiles averaged
red: 130508-131443, 11400 profiles averaged

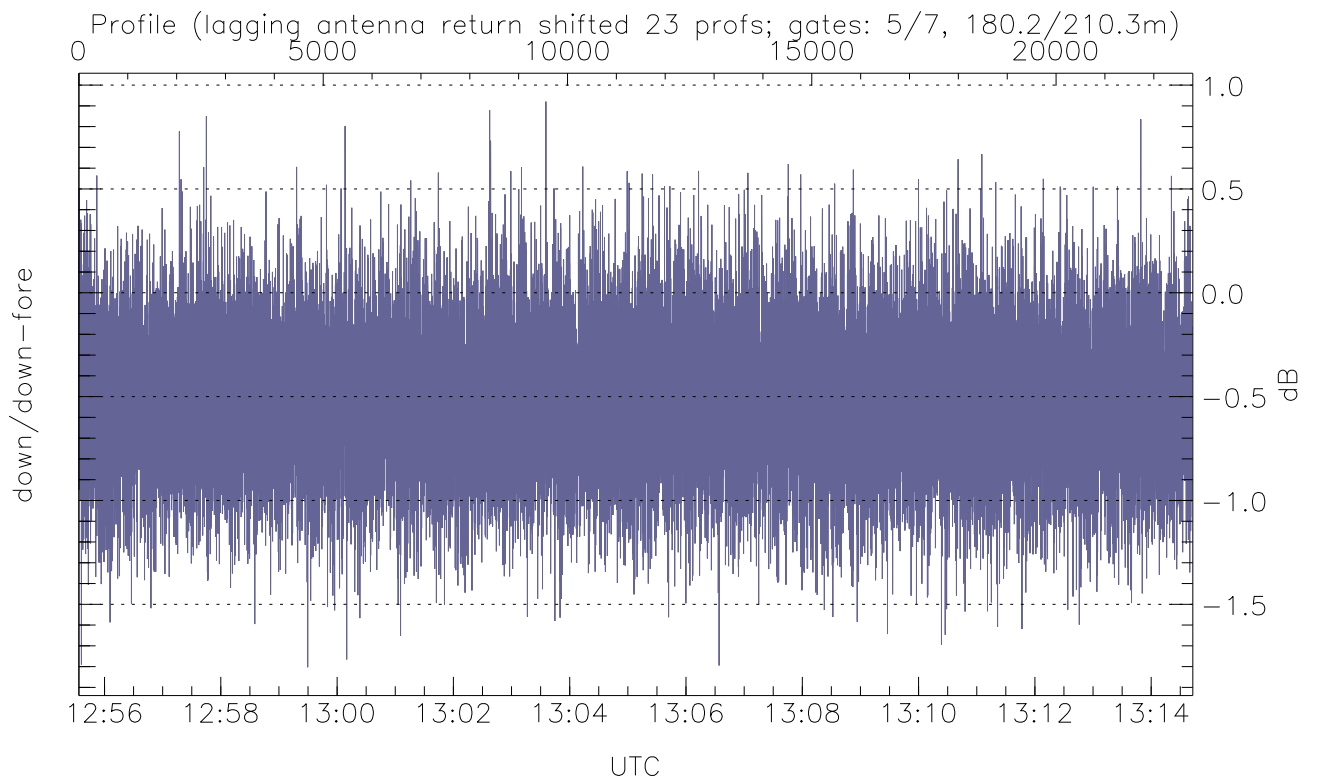
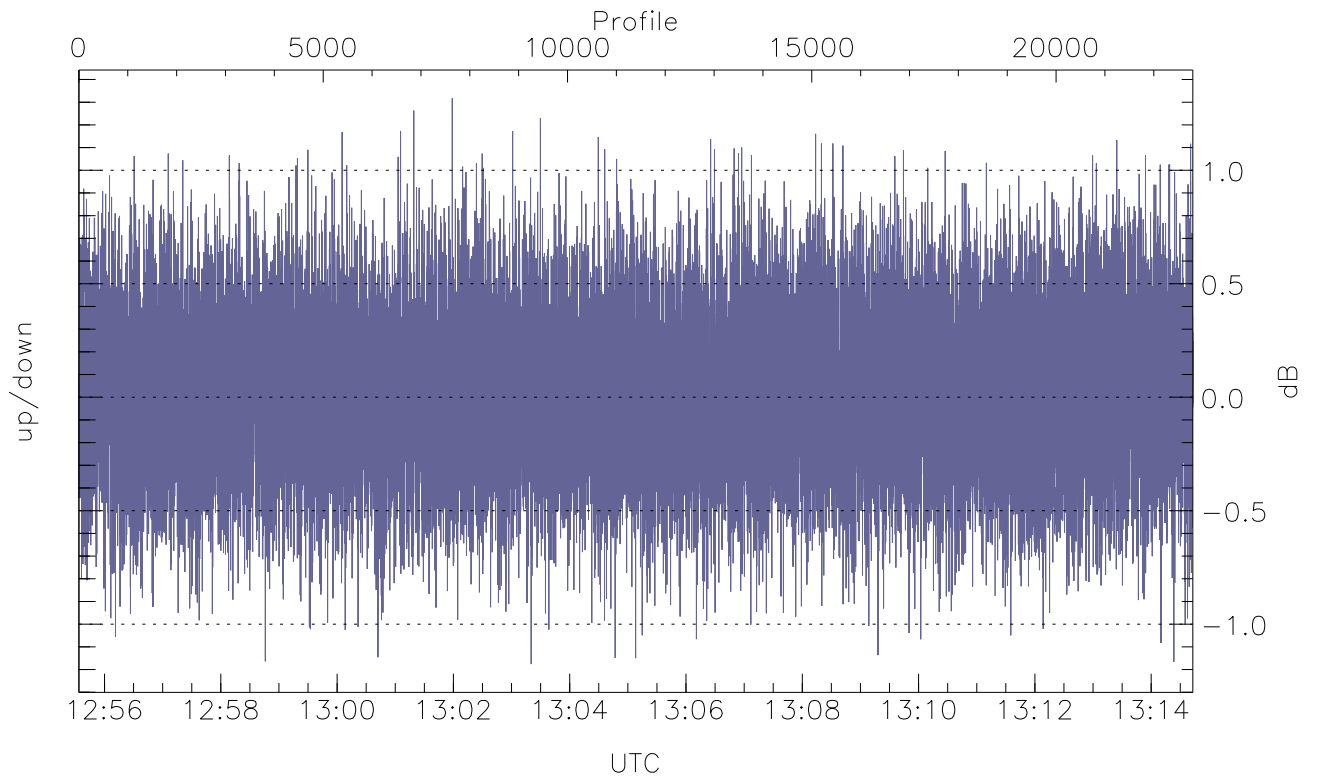


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



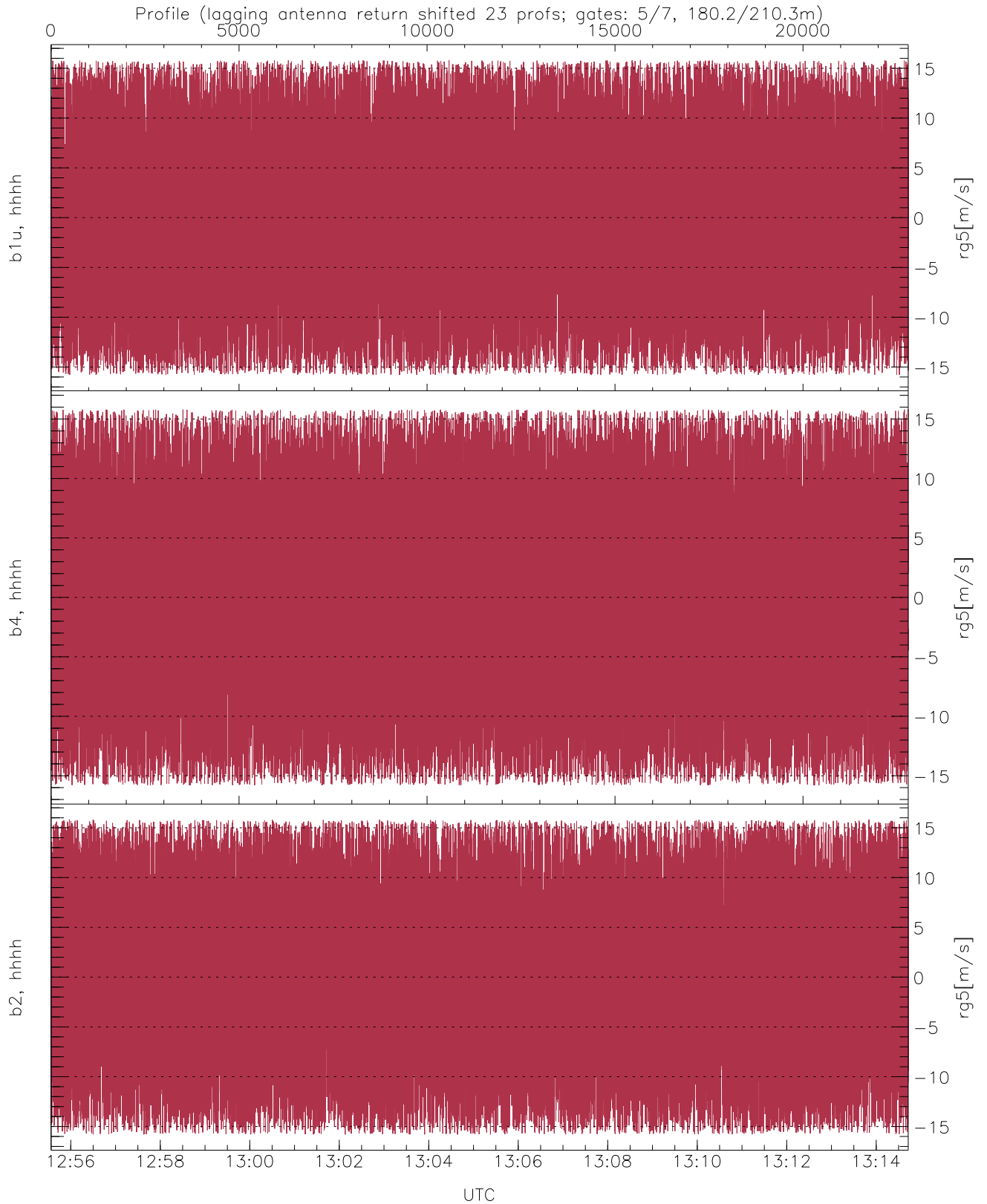
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.64	-61.47	-62.49
down-fore(hh[dBm])	-63.14	-60.93	-61.99
down(hh[dBm])	-63.43	-61.53	-62.51



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-1.18	1.32	0.03
down/down-fore (dB)	-1.80	0.92	-0.51



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.17	8.94
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.27	9.07
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.40	9.03