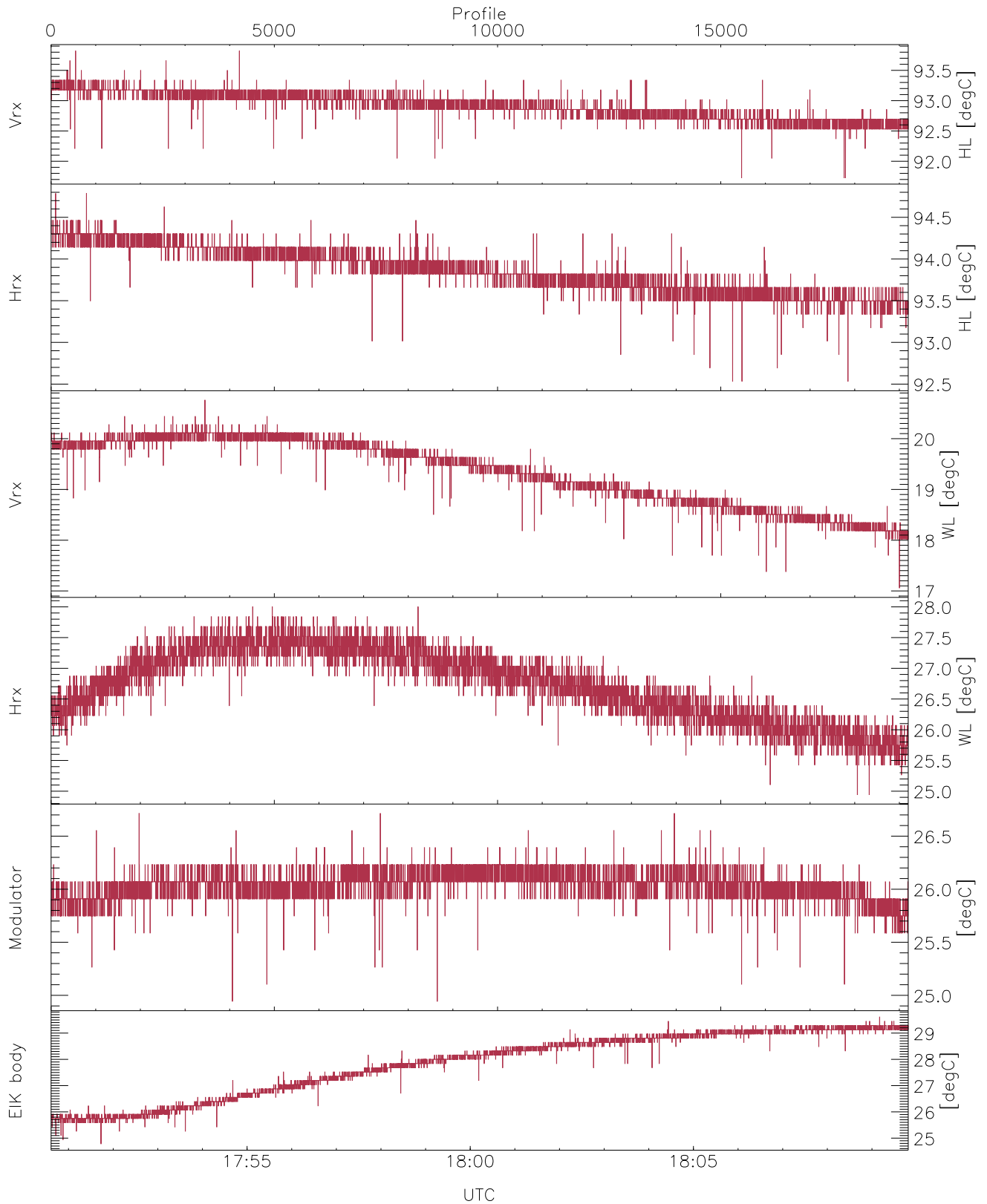


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

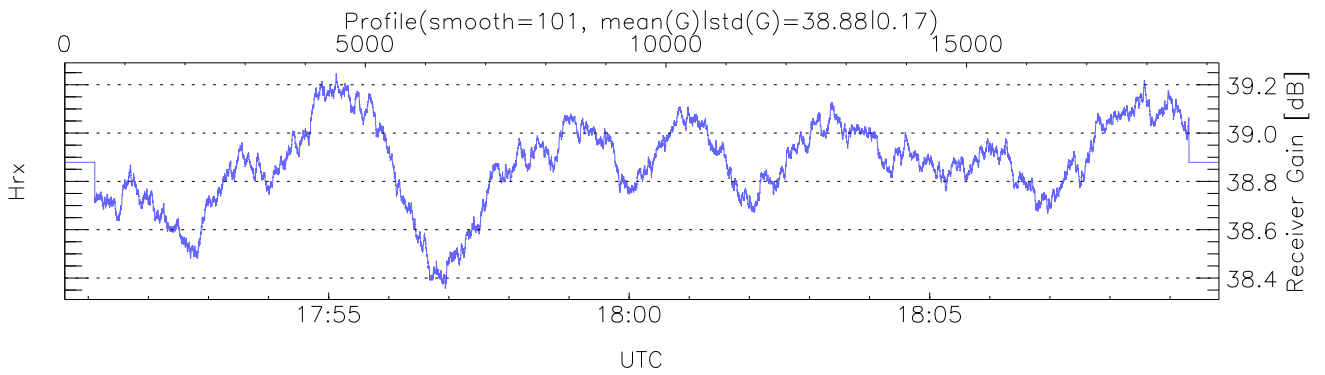
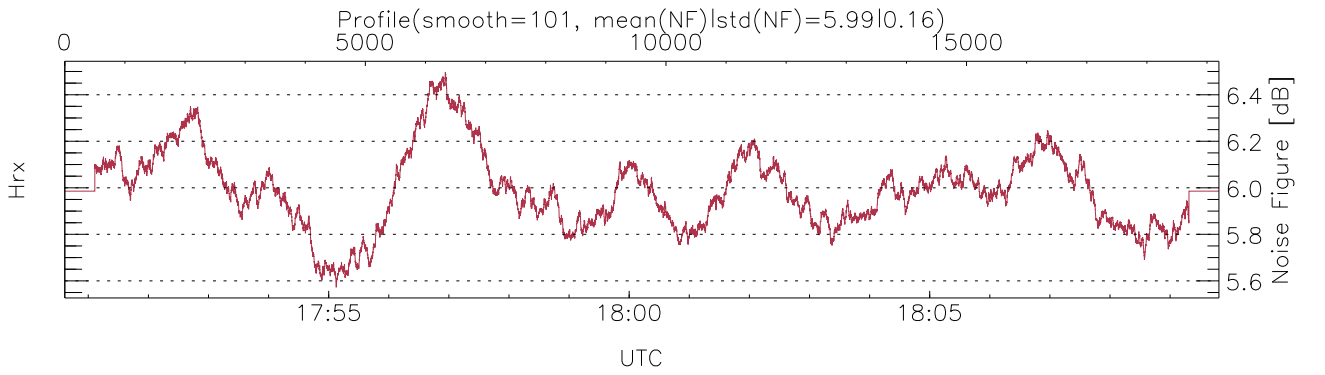
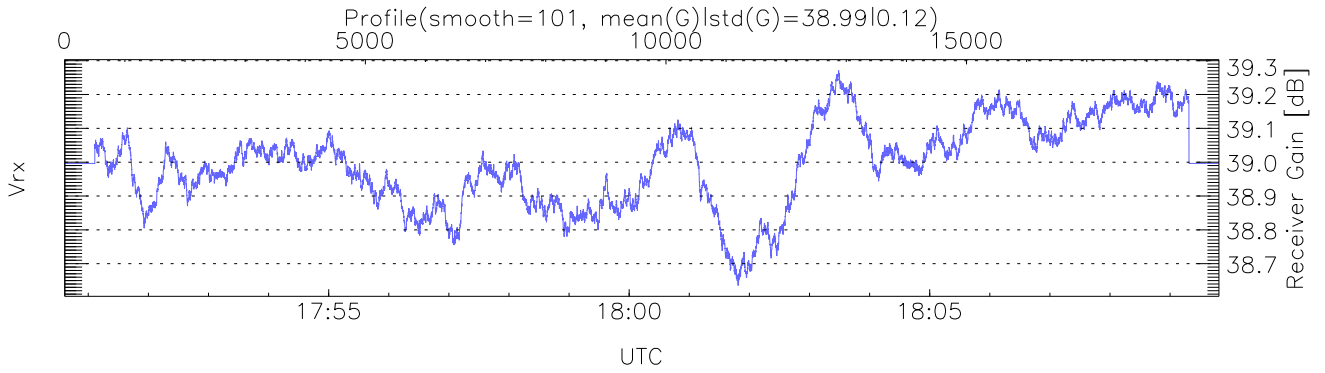
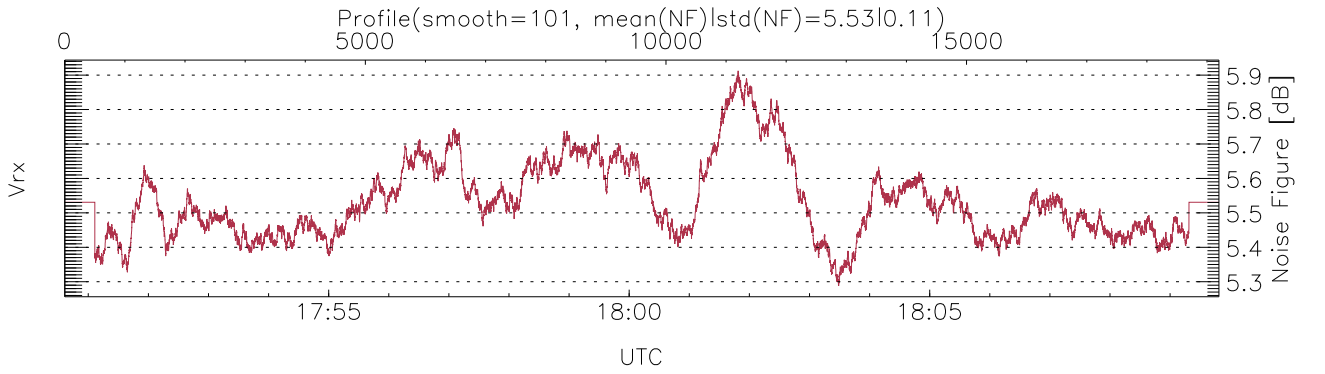
UTC: 17:50:37-18:17:20, Dur: 1603.90s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 60.0,60.0,60.0,0.0 ms / 17,17,17
 NumRec(r/t): 19200/26726, 0-19199/17:50:37-18:09:49
 AcqTime: 60.0ms, Rate: 383KB/s, Averages: 200
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,6788,15.0 m, Gates: 446, Aspect: 2.8
 Mirror(-910|112,3,9x = no mirror|sideluplerror): 1



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

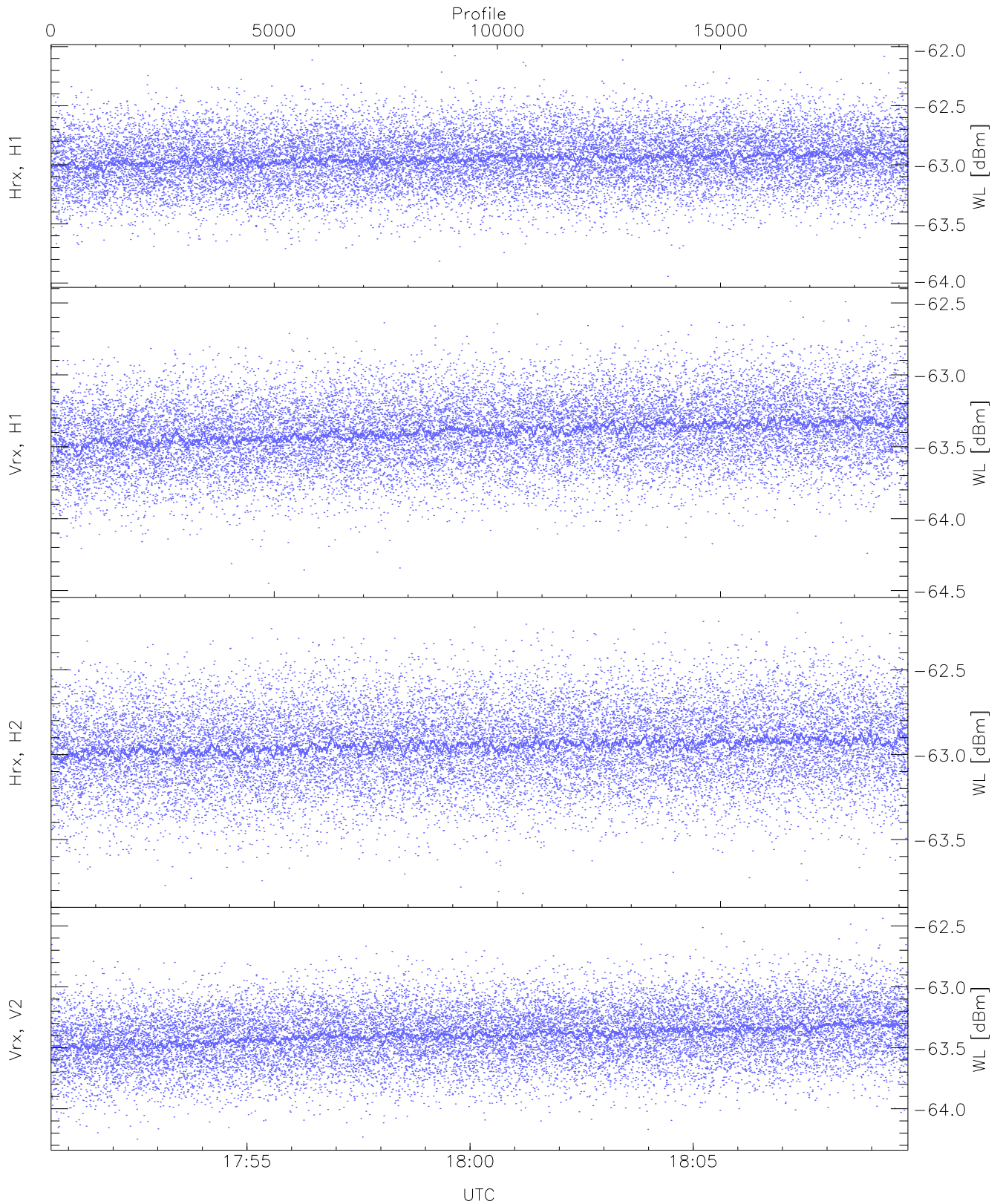
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,24,24
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,28,26,29
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (18,18,18,18,18,25)



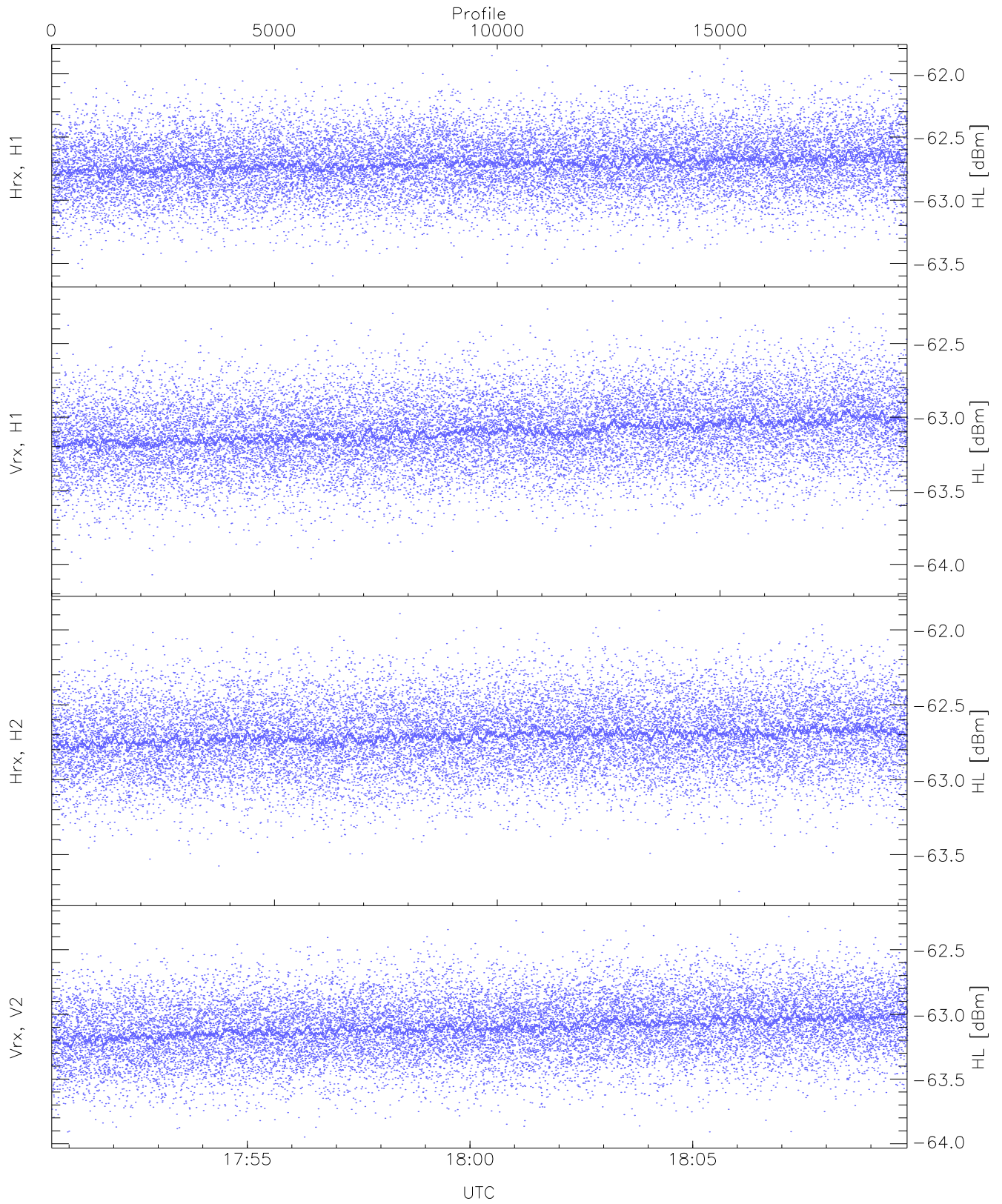
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 219 pixs, 12 gates, 185 profs, 2 prods



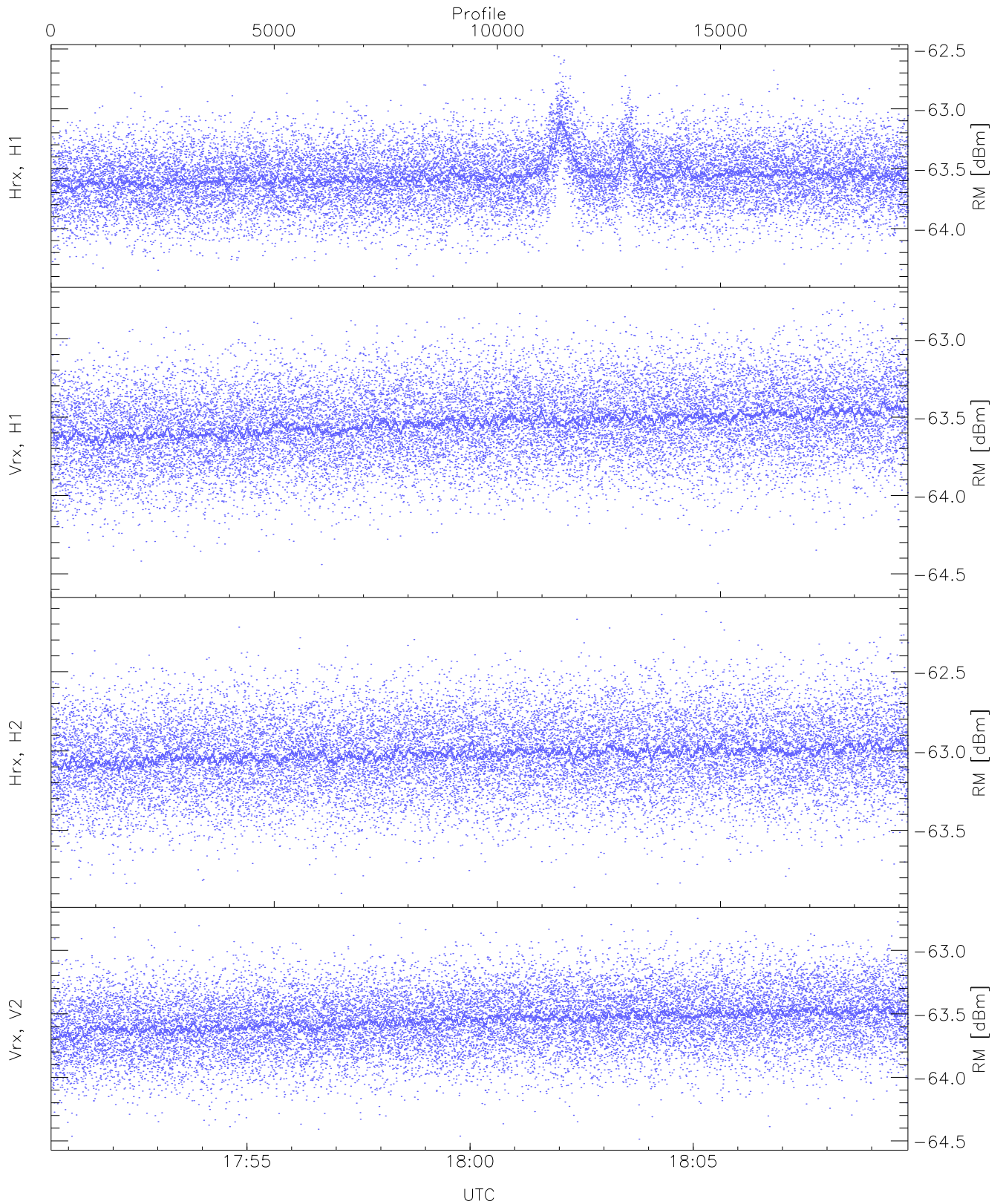
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.94	-62.08	-62.95	-62.95	-75.84
Vrx, H1 (WL [dBm])	-64.45	-62.49	-63.39	-63.40	-76.17
Hrx, H2 (WL [dBm])	-63.82	-62.16	-62.95	-62.95	-75.90
Vrx, V2 (WL [dBm])	-64.25	-62.44	-63.39	-63.39	-76.23



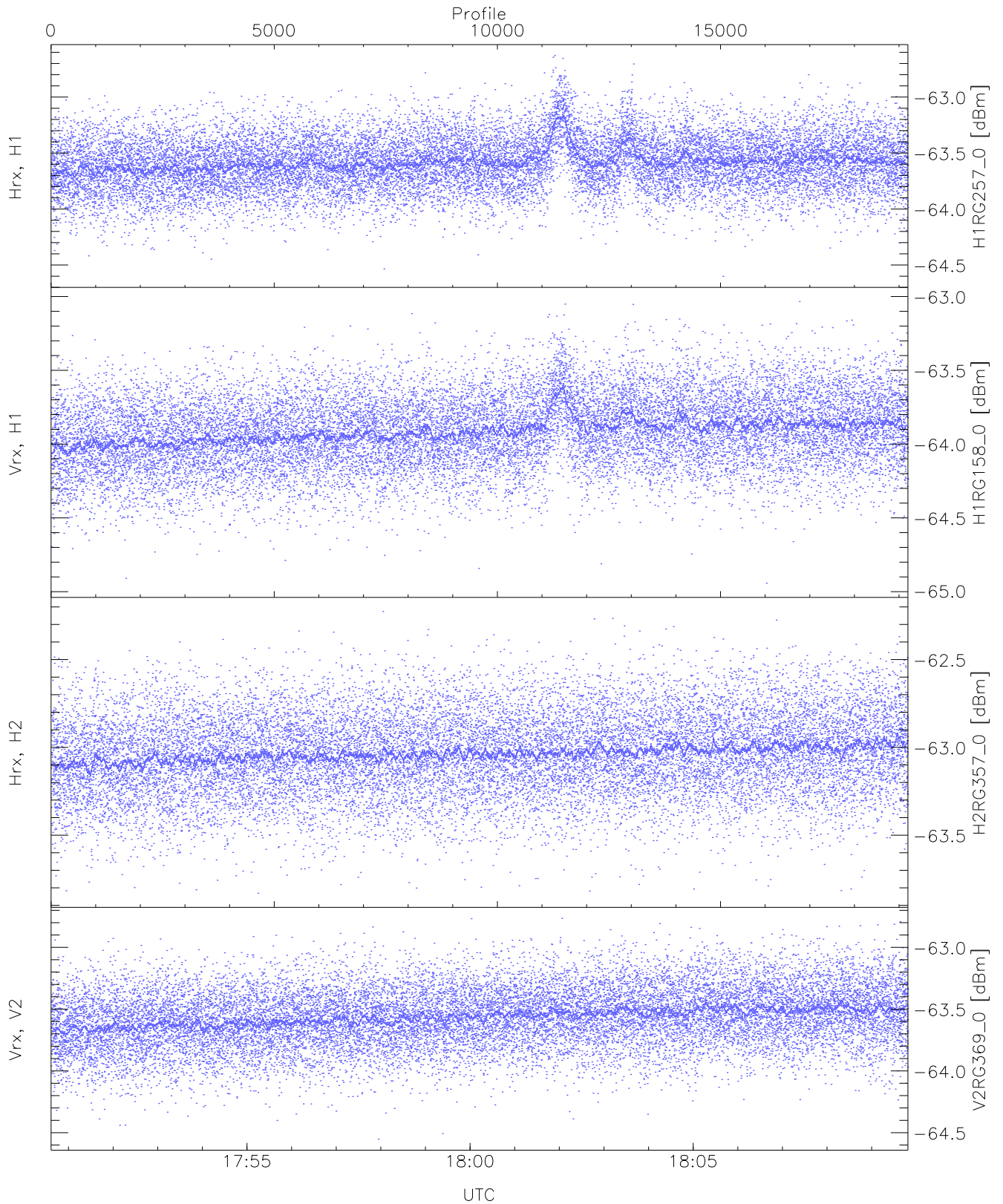
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.60	-61.86	-62.71	-62.71	-75.59
Vrx, H1 (HL [dBm])	-64.12	-62.21	-63.09	-63.10	-75.90
Hrx, H2 (HL [dBm])	-63.75	-61.87	-62.71	-62.71	-75.62
Vrx, V2 (HL [dBm])	-63.95	-62.24	-63.10	-63.10	-75.93



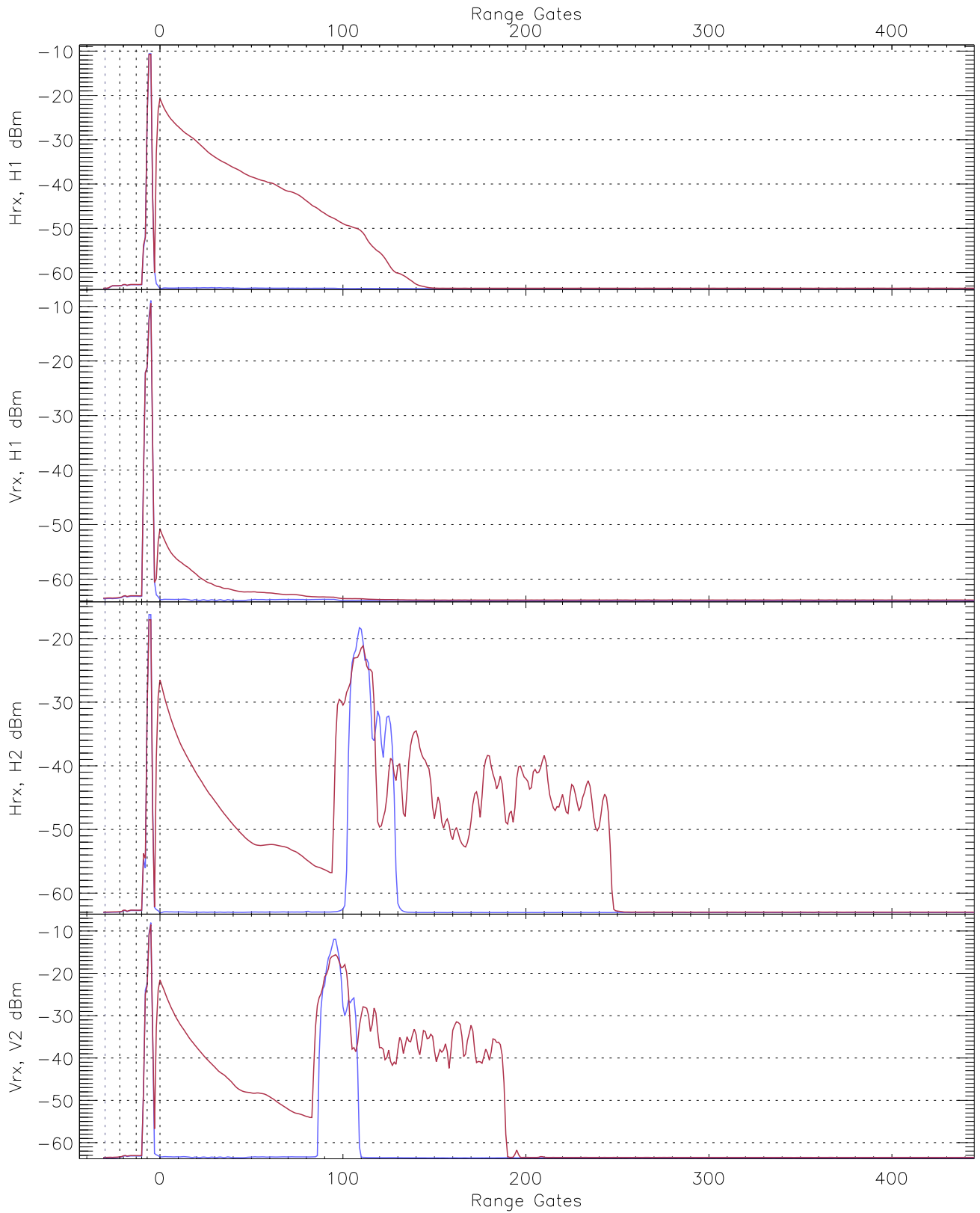
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.40	-62.56	-63.56	-63.57	-76.25
Vrx, H1 (RM [dBm])	-64.56	-62.76	-63.54	-63.54	-76.32
Hrx, H2 (RM [dBm])	-63.90	-62.12	-63.02	-63.02	-75.88
Vrx, V2 (RM [dBm])	-64.49	-62.75	-63.55	-63.55	-76.34

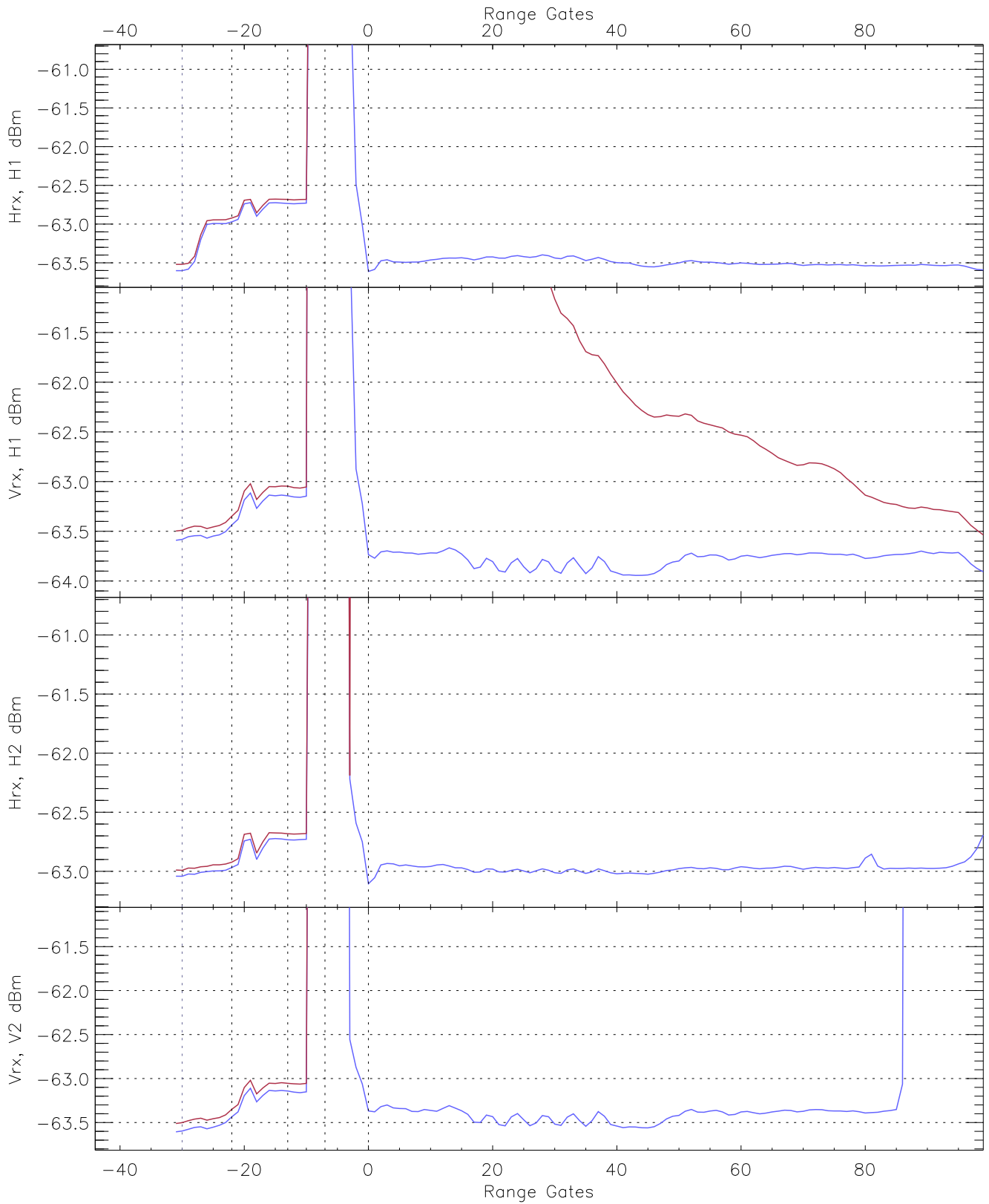


WCR2 CPP "Best" estimate Receivers Noise Power

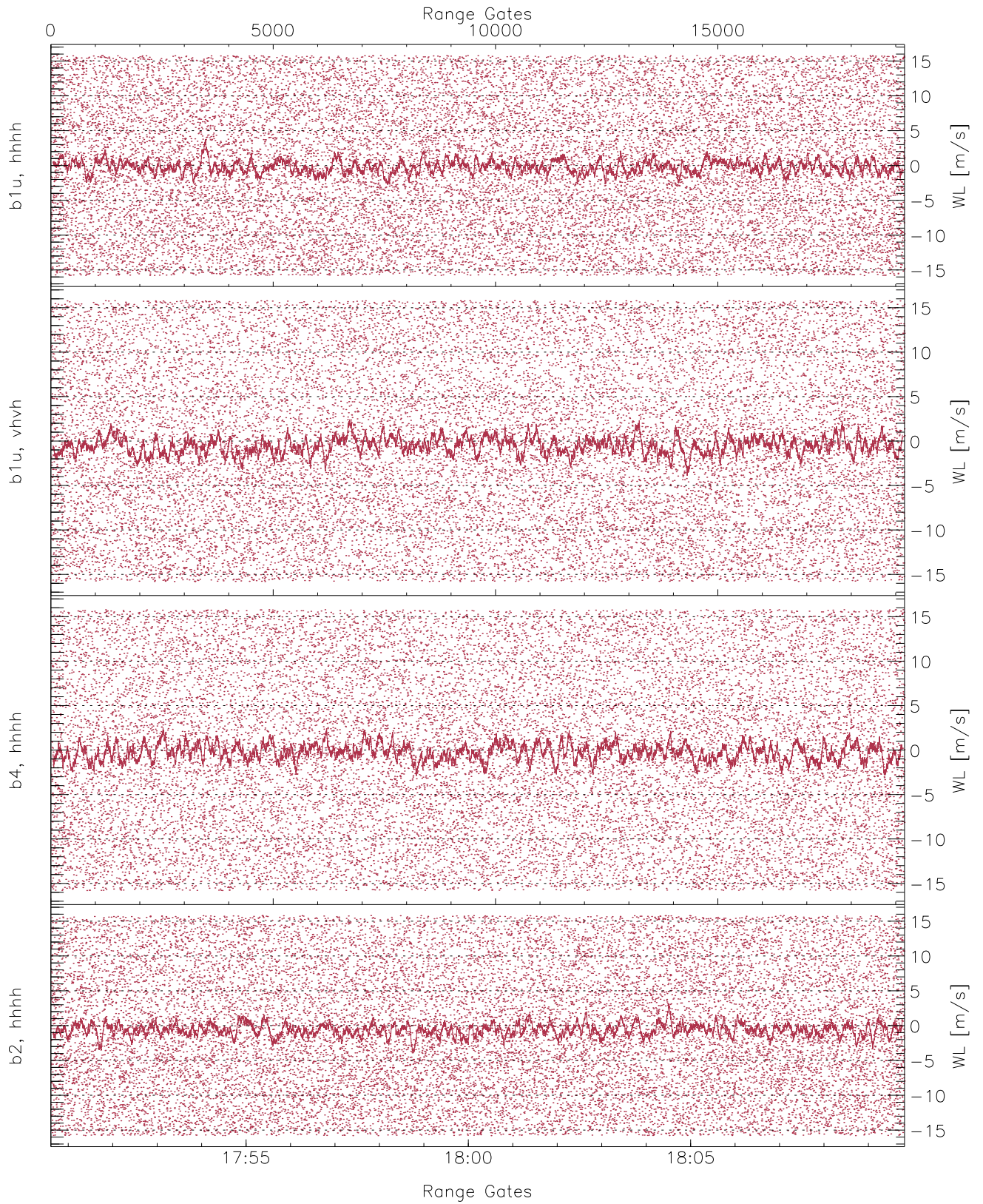
	Min	Max	Mean	Median	StDev
H1RG257_0 [dBm]	-64.60	-62.63	-63.58	-63.59	-76.31
H1RG158_0 [dBm]	-64.94	-63.03	-63.91	-63.92	-76.59
H2RG357_0 [dBm]	-63.83	-62.23	-63.03	-63.04	-75.98
V2RG369_0 [dBm]	-64.55	-62.77	-63.56	-63.56	-76.34



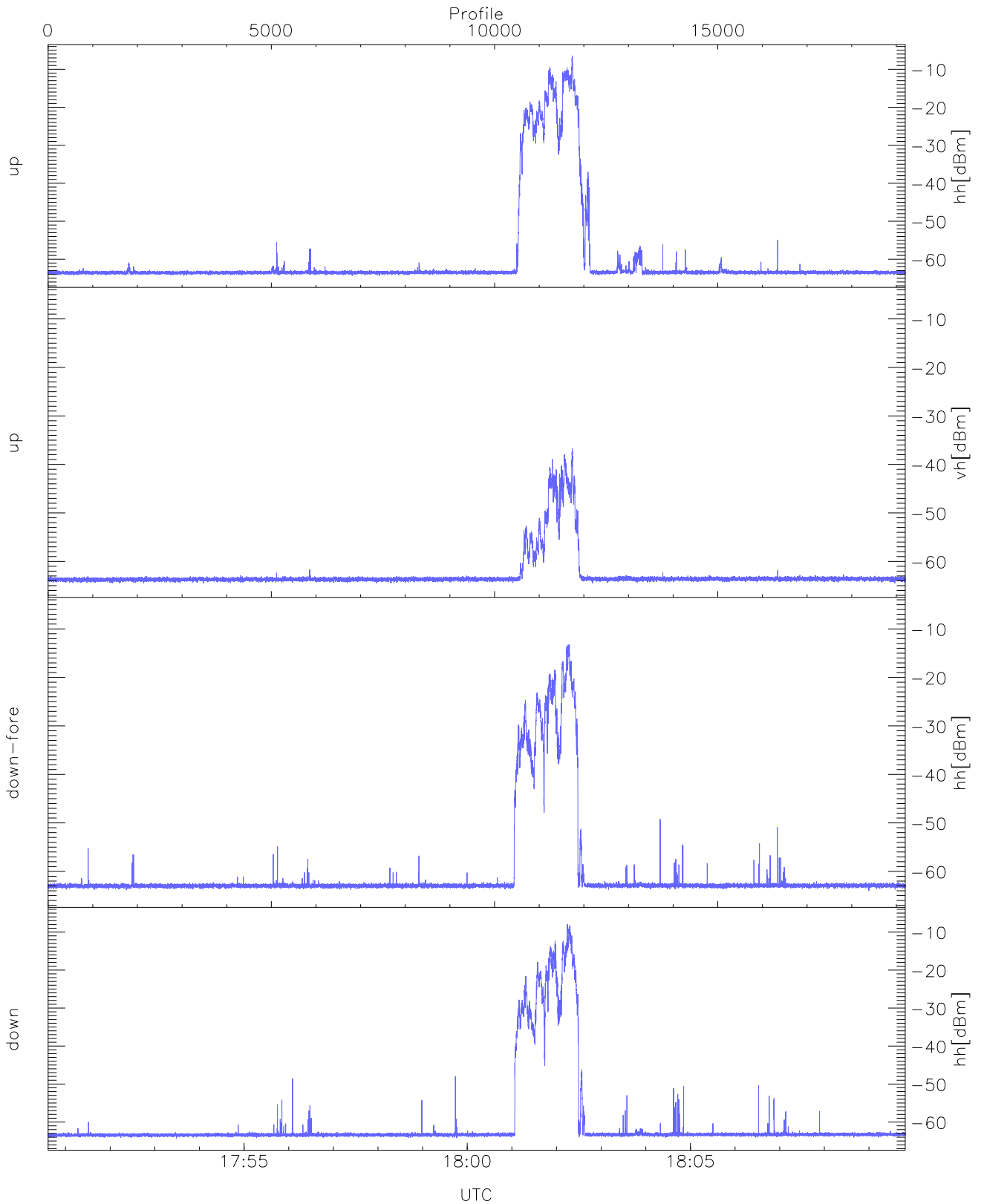
WCR2 CPP Averaged Received power for all recorded gates
blue: 175037-180013, 9601 profiles averaged
red: 180013-180949, 9600 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 175037-180013, 9601 profiles averaged
red: 180013-180949, 9600 profiles averaged

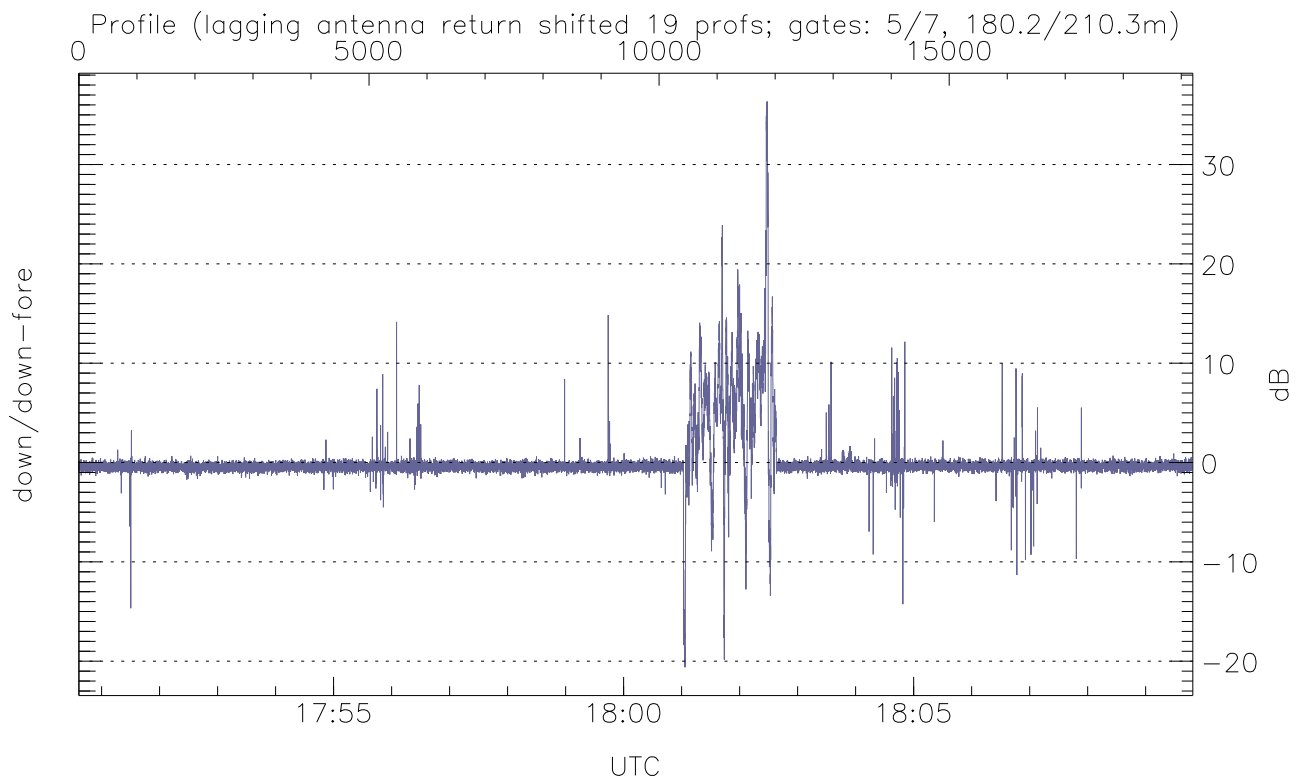
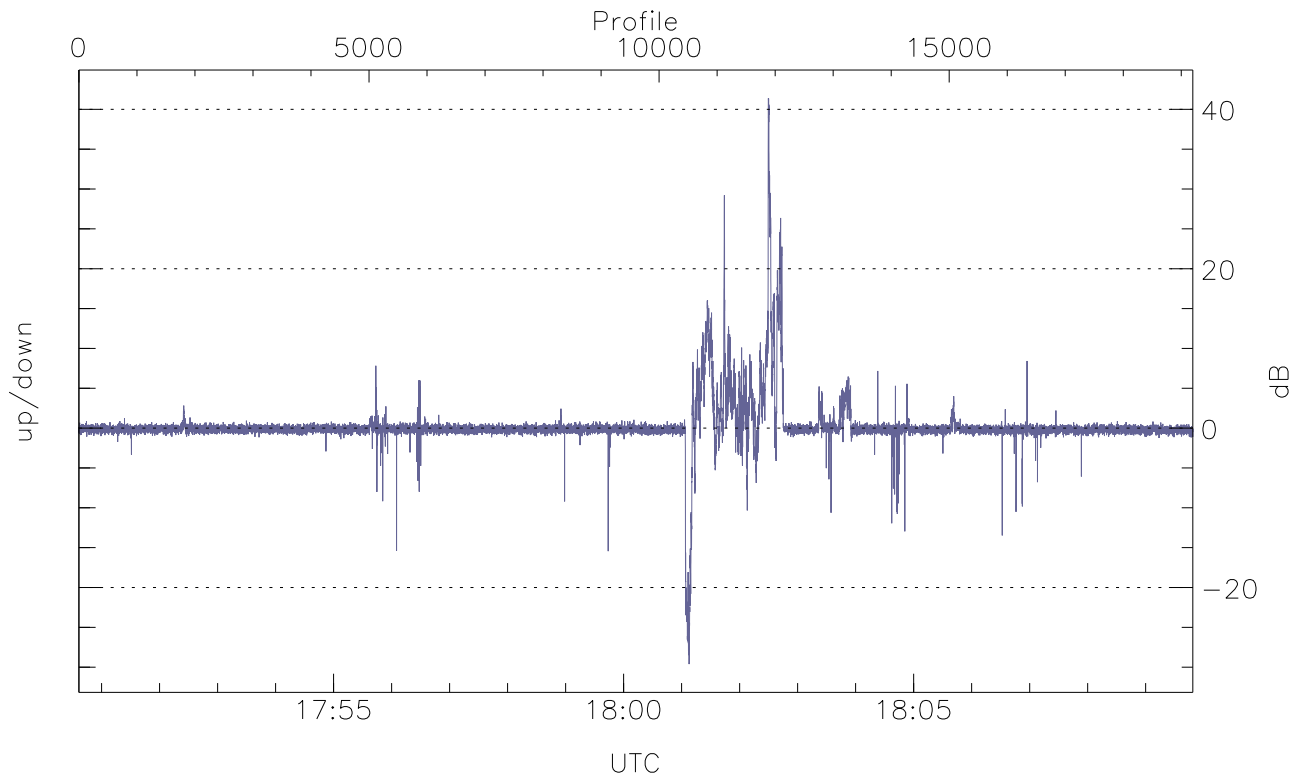


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



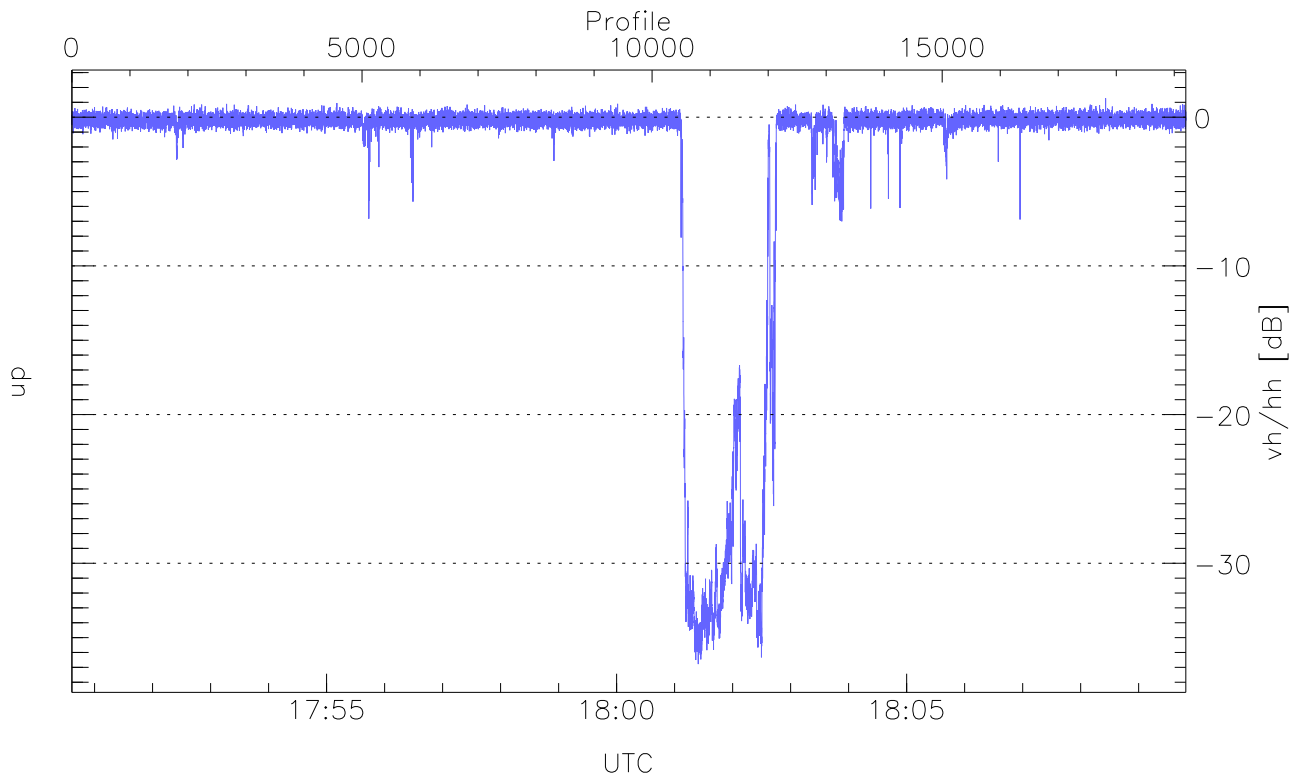
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.38	-6.40	-27.81
up(vh[dBm])	-64.51	-36.71	-57.09
down-fore(hh[dBm])	-63.99	-13.23	-34.72
down(hh[dBm])	-64.31	-7.92	-30.01



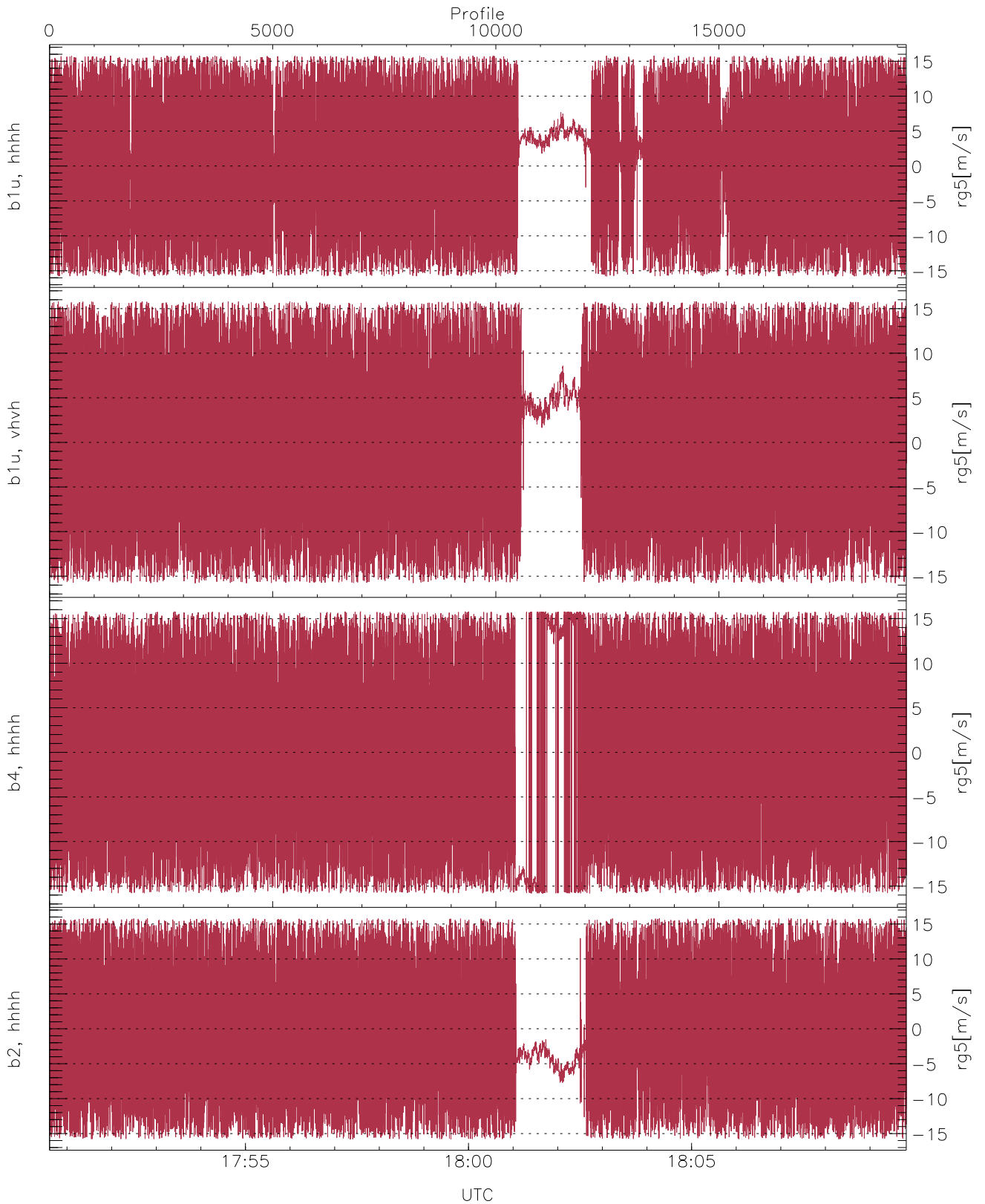
WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down (dB)	-29.61	41.38	0.25
down/down-fore (dB)	-20.61	36.34	0.08



WCR2 Co- and Cross-pol Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up(vh/hh [dB])	-36.78	1.27	-0.59



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.15	8.50
b1u, vvhv(rg5[m/s])	-15.80	15.80	-0.20	8.70
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.19	9.77
b2, hhhh(rg5[m/s])	-15.80	15.79	-0.82	8.57