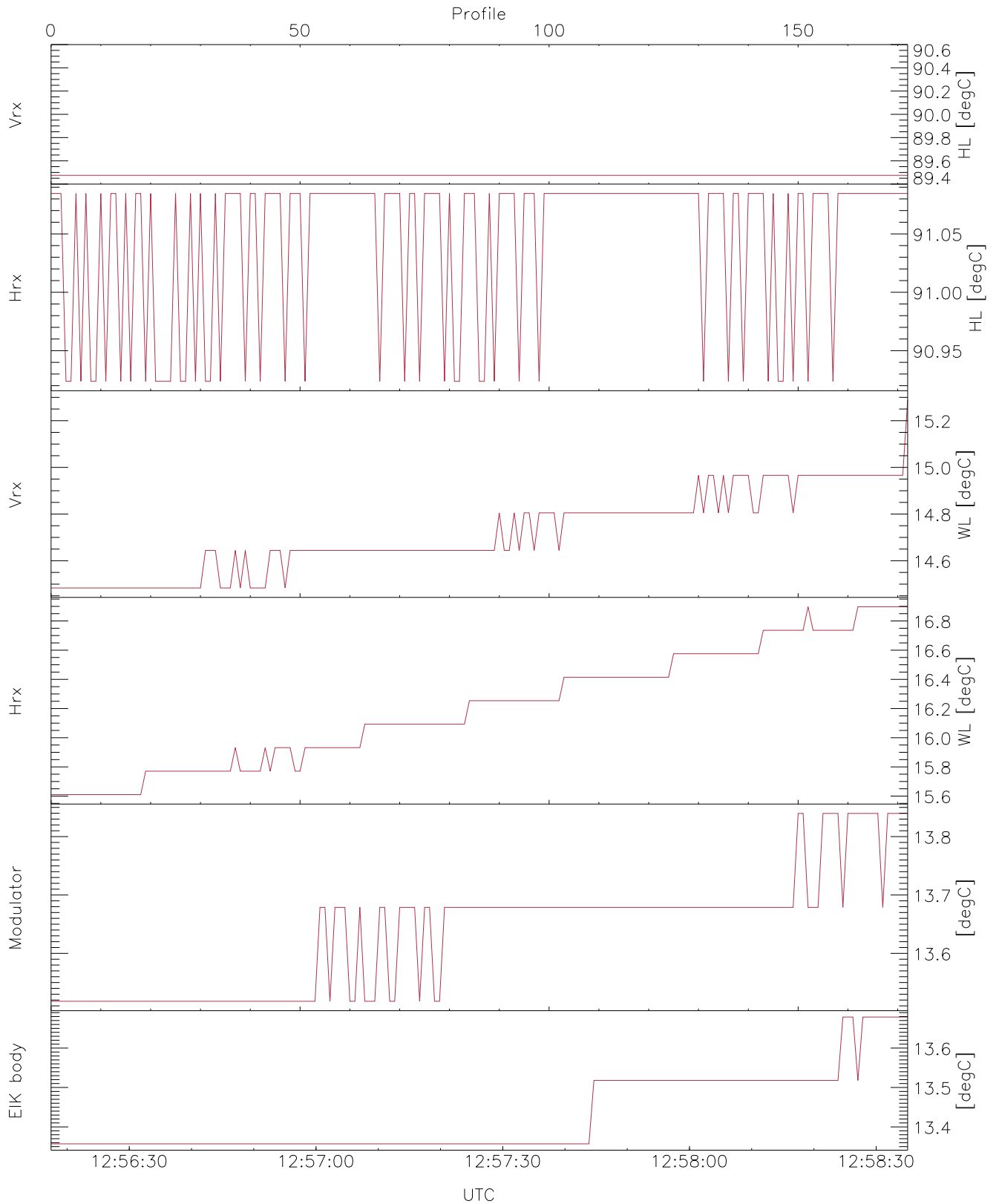


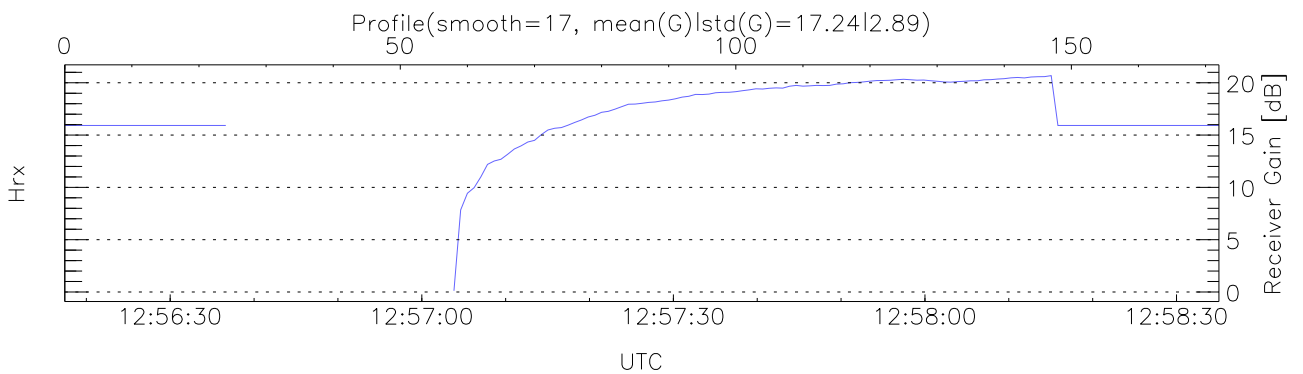
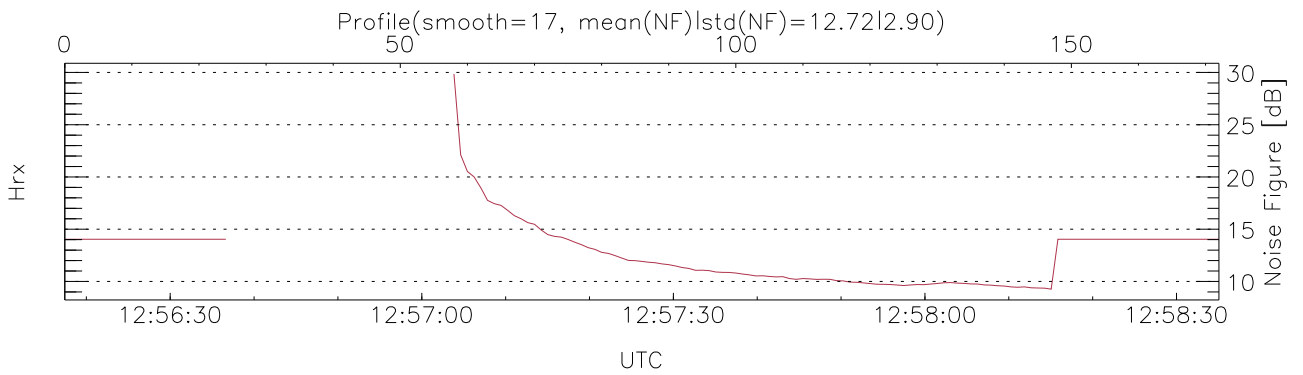
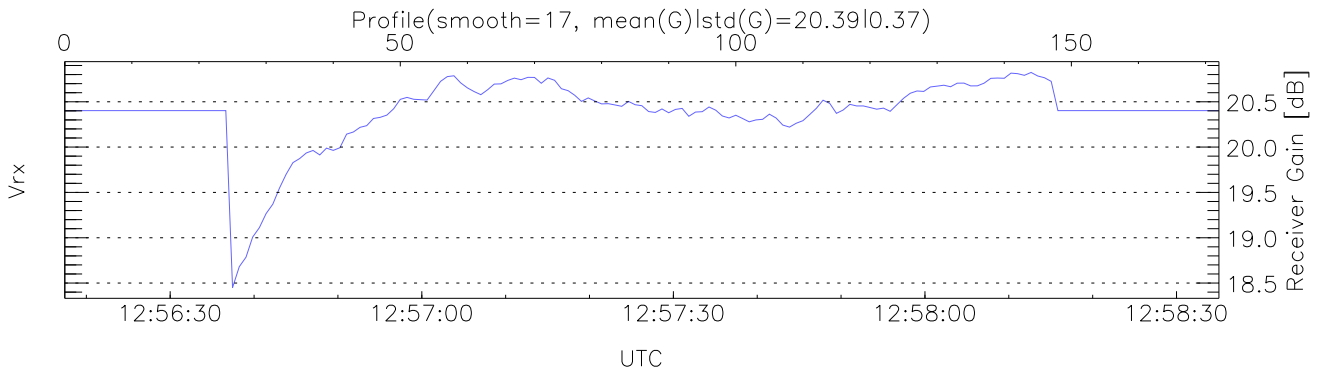
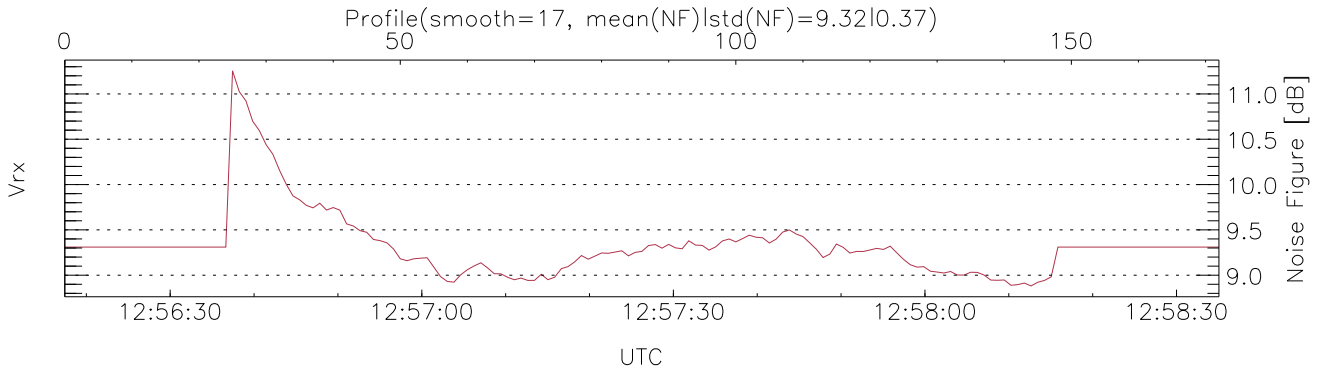
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 12:56:17-12:58:35, TimeCor: 0.00s, Dur: 137.63s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 800.2,800.2,800.2,0.0 ms / 1.2,1.2,1.2
 NumRec(r/t): 173/173, 0-172/12:56:17-12:58:35
 AcqTime: 800.0ms, Rate: 0.028MB/s, Averages (req.,actual): 4000,4000
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 V1 V1
 PRF: 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6348, 15.0 m, Gates: 417, Aspect: 0.2
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

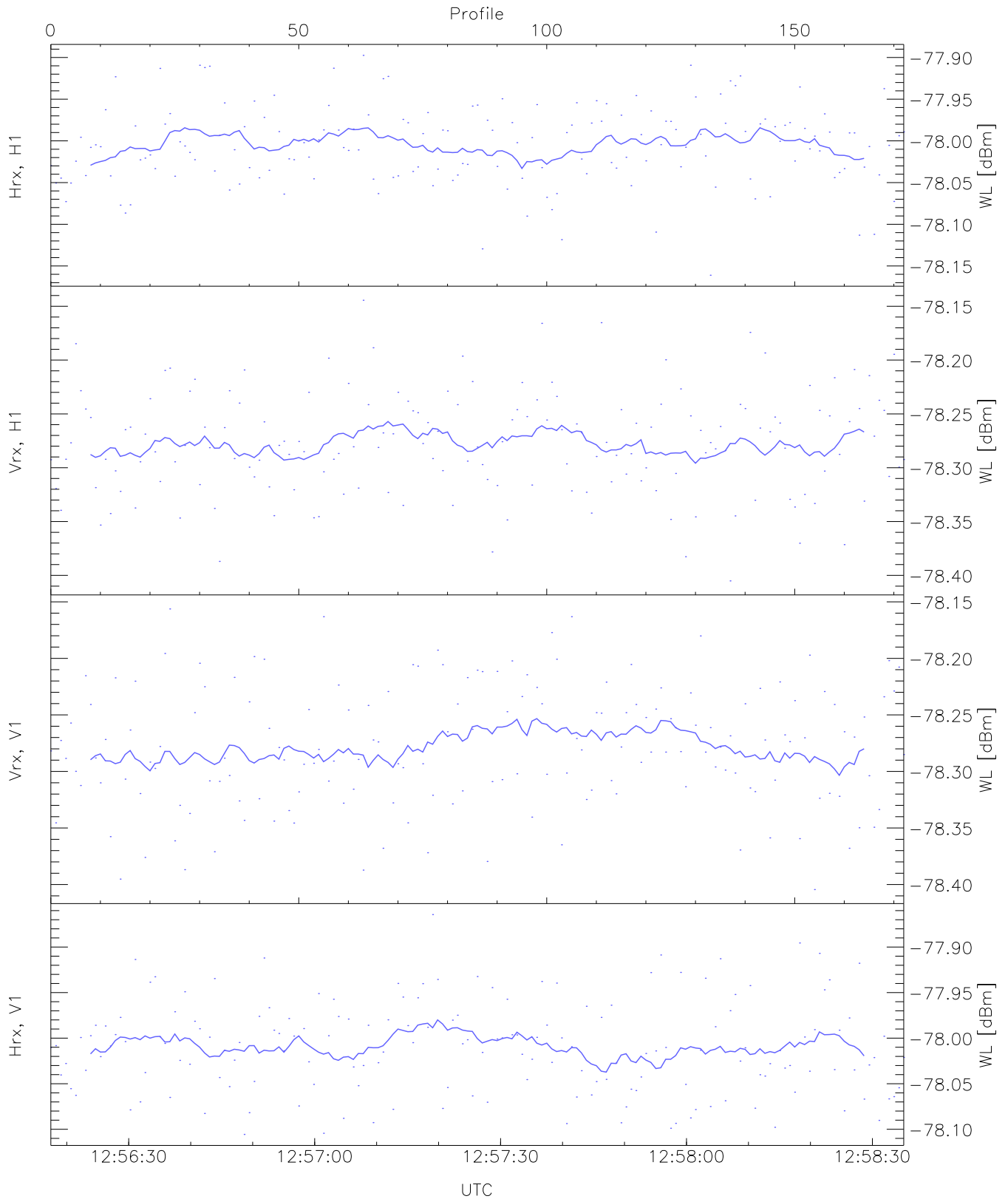
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,14,15,13,13
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,15,16,13,13
 LOalarm(20,240,2817,14861 MHz): None
 EIK/Modulator Faults: None



WCR3 CPP Receivers Gain and Noise Figure

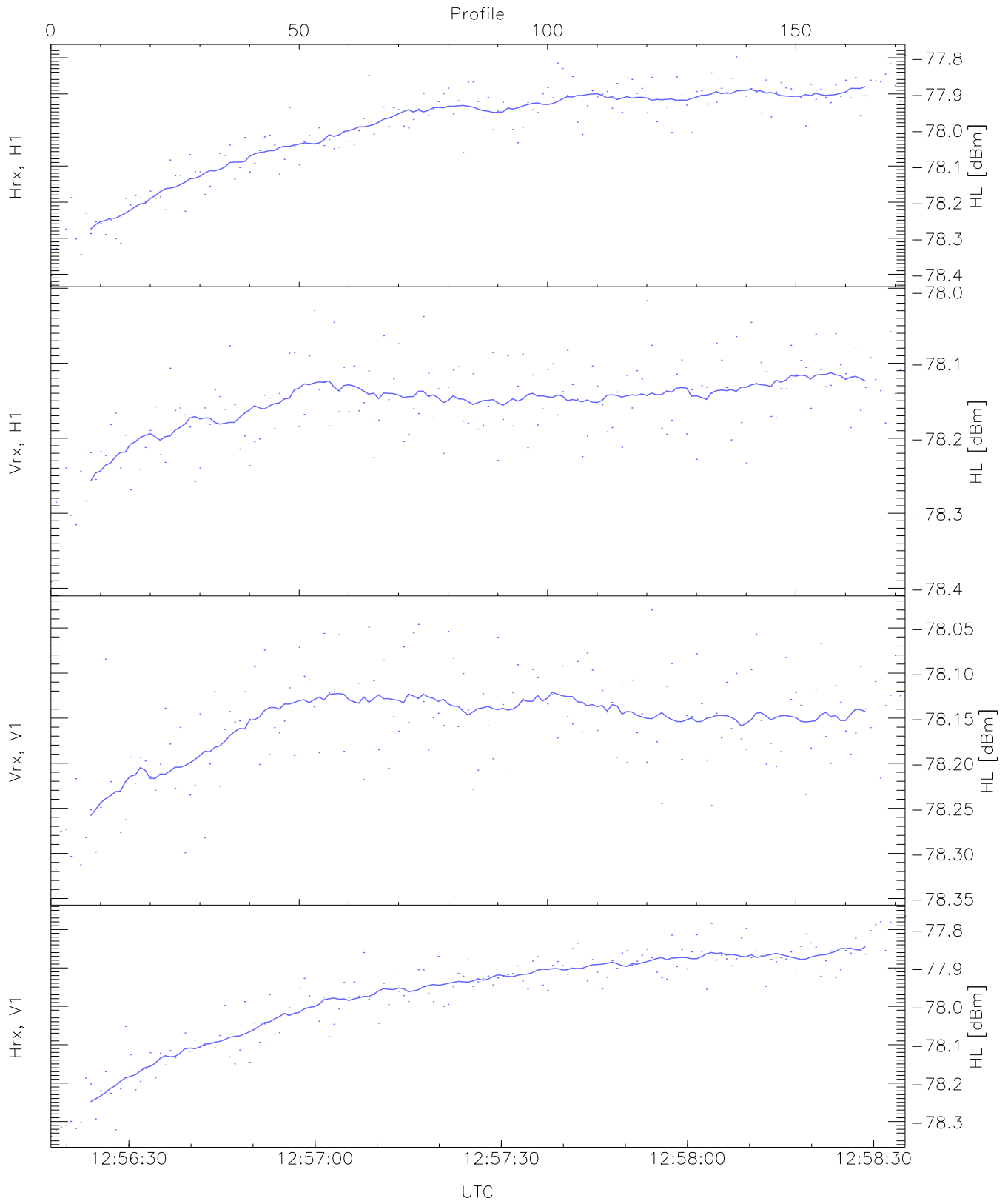
Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)

WARNING: <HrxHLn>-<HrxWLn> < 0.05dB for 2 pwr prods.



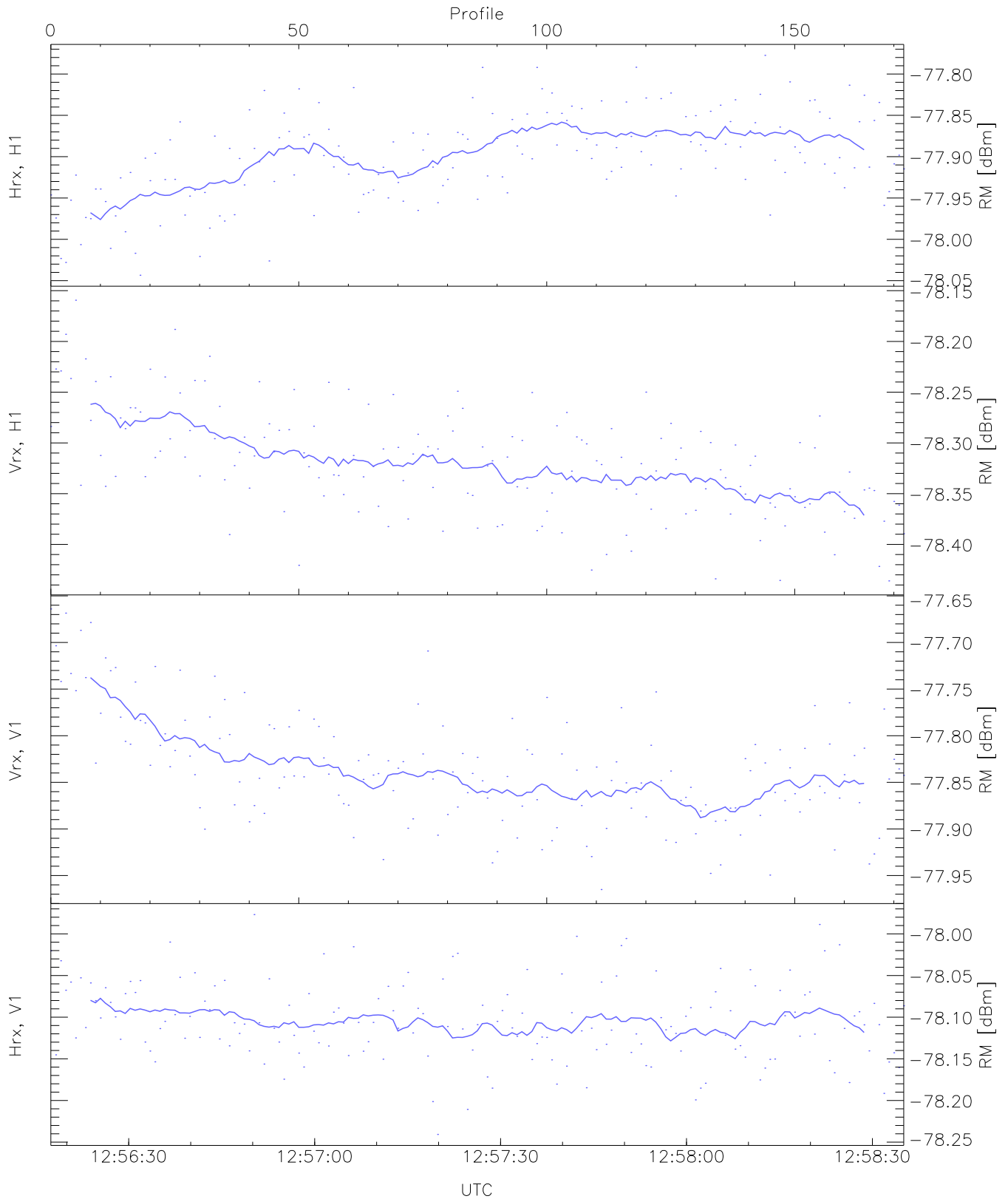
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-78.16	-77.90	-78.01	-78.01	-97.63
Vrx, H1(WL [dBm])	-78.41	-78.14	-78.28	-78.28	-97.87
Vrx, V1(WL [dBm])	-78.40	-78.16	-78.28	-78.28	-97.40
Hrx, V1(WL [dBm])	-78.11	-77.86	-78.01	-78.01	-97.39



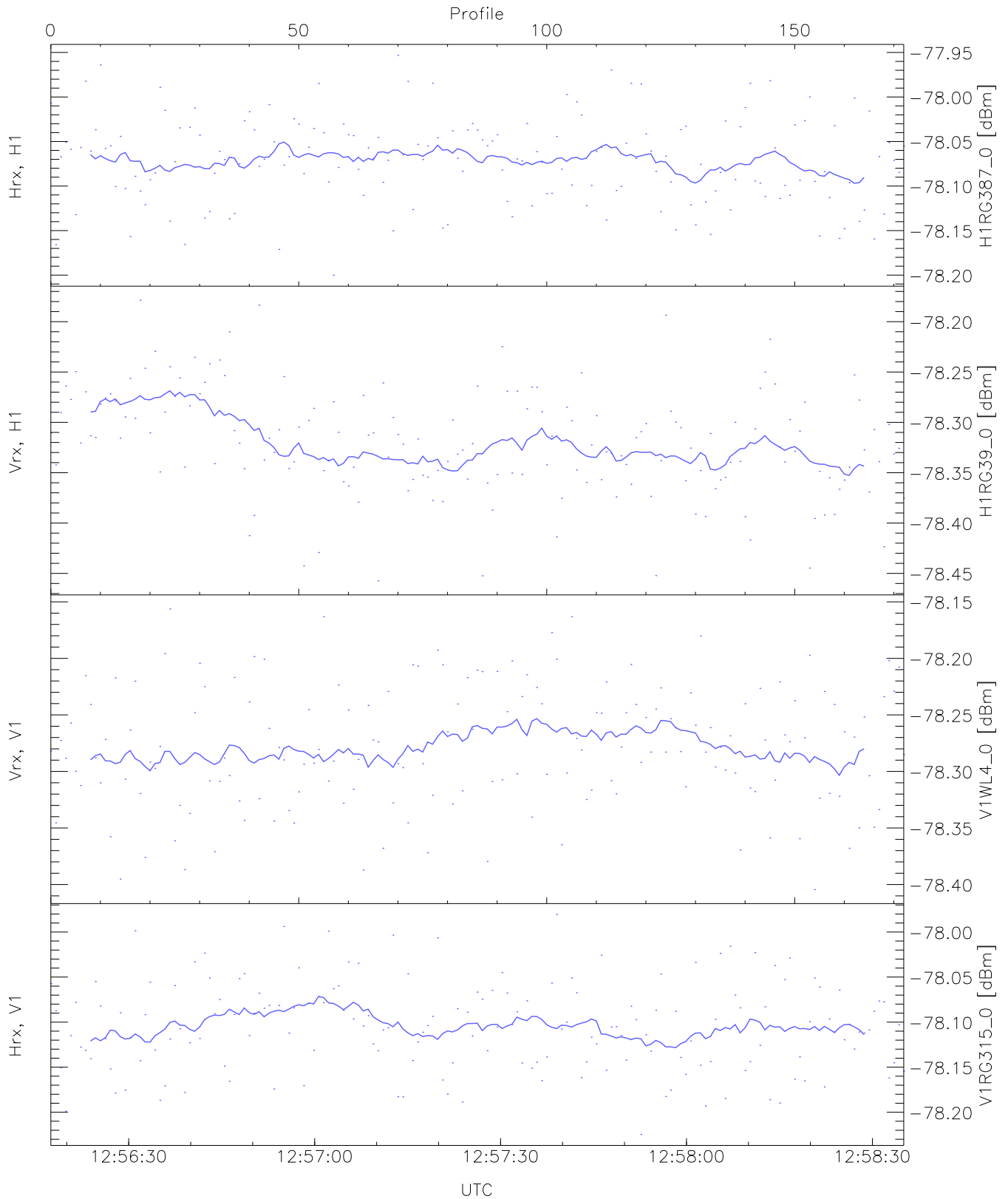
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-78.40	-77.79	-77.99	-77.95	-93.23
Vrx, H1 (HL [dBm])	-78.39	-78.02	-78.16	-78.16	-96.76
Vrx, V1 (HL [dBm])	-78.34	-78.03	-78.16	-78.15	-96.70
Hrx, V1 (HL [dBm])	-78.34	-77.77	-77.97	-77.93	-93.19



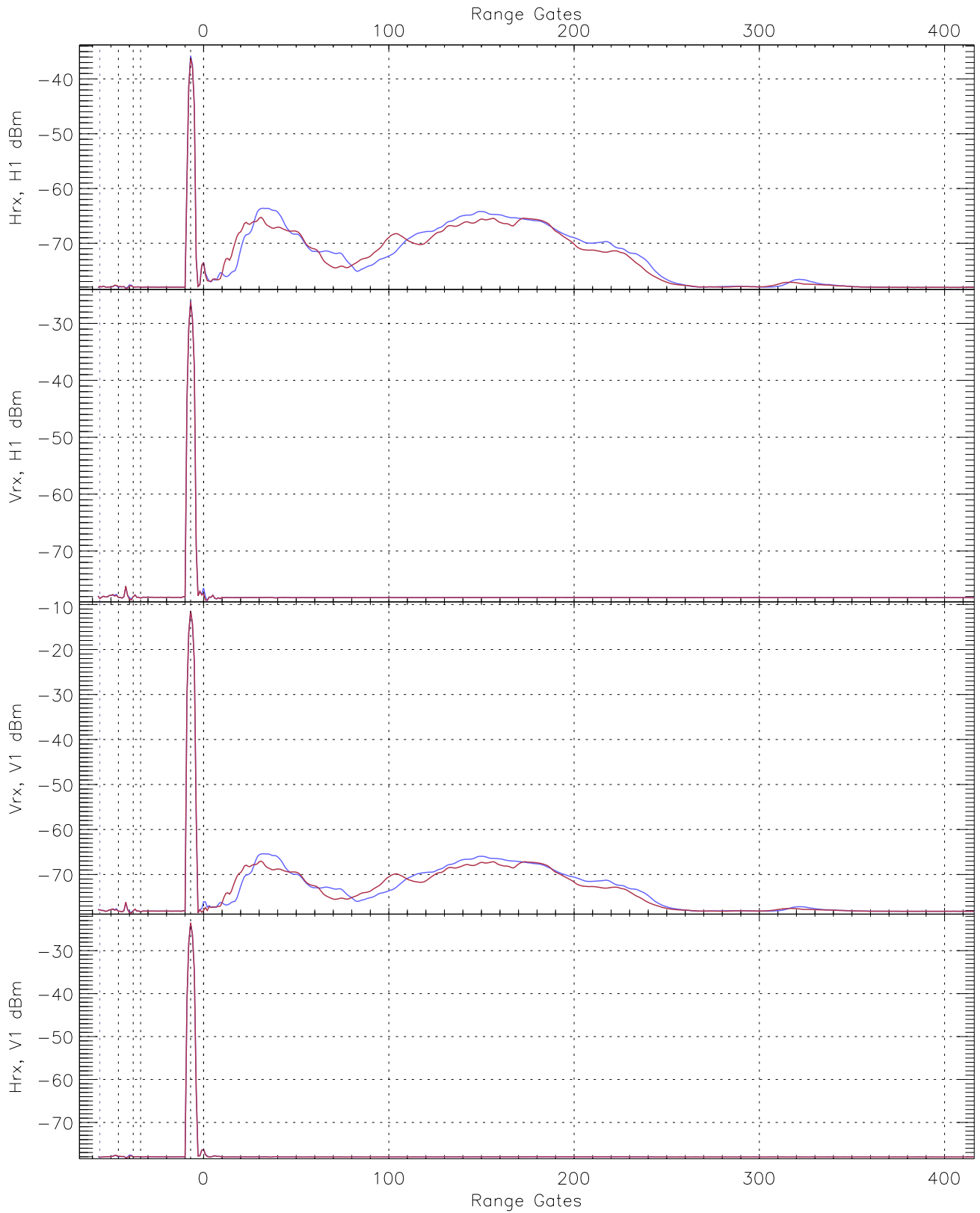
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-78.04	-77.78	-77.90	-77.90	-96.99
Vrx, H1(RM [dBm])	-78.44	-78.16	-78.32	-78.32	-97.50
Vrx, V1(RM [dBm])	-77.97	-77.66	-77.83	-77.84	-96.44
Hrx, V1(RM [dBm])	-78.24	-77.98	-78.10	-78.11	-97.73

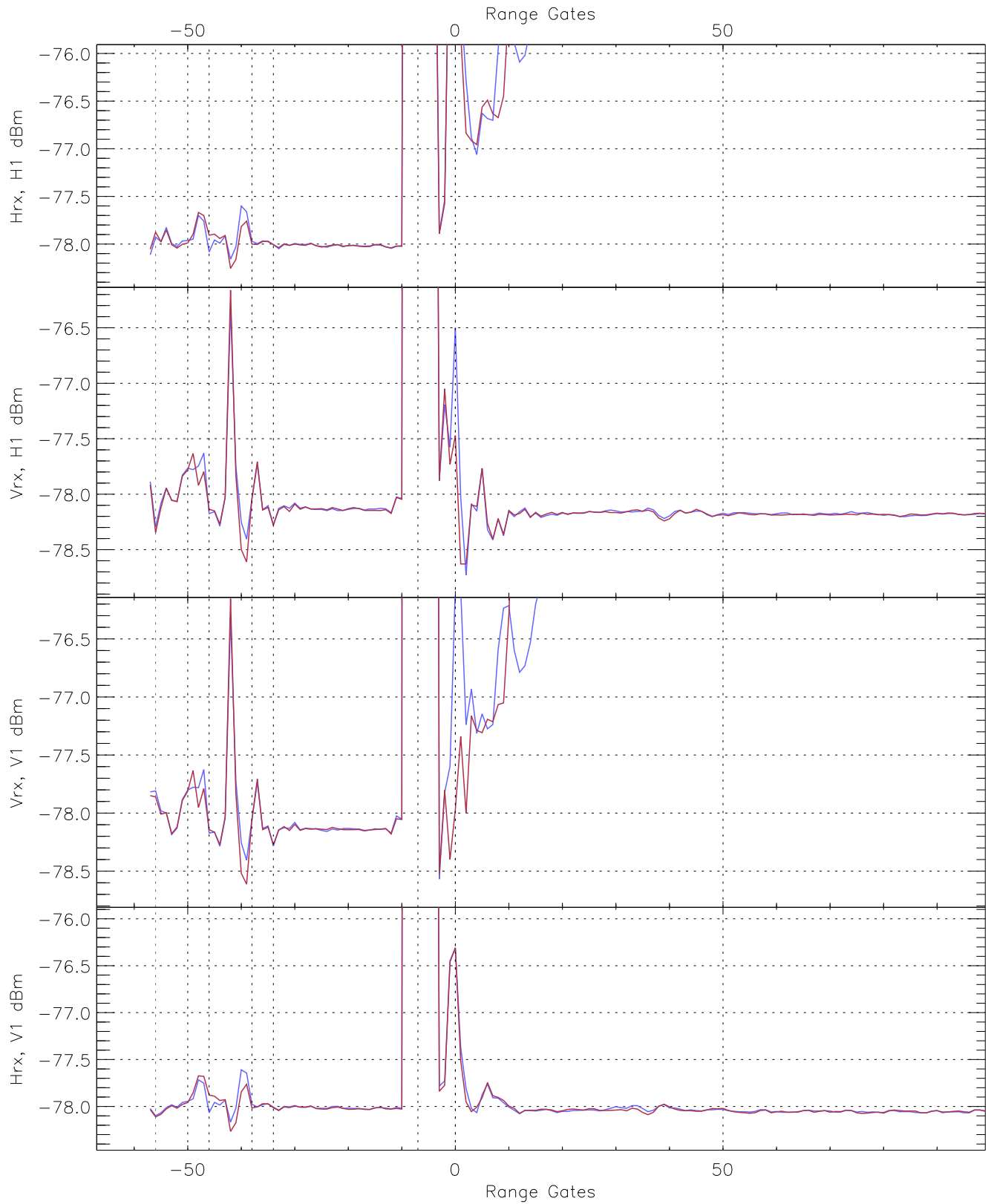


WCR3 CPP "Best" estimate Receivers Noise Power

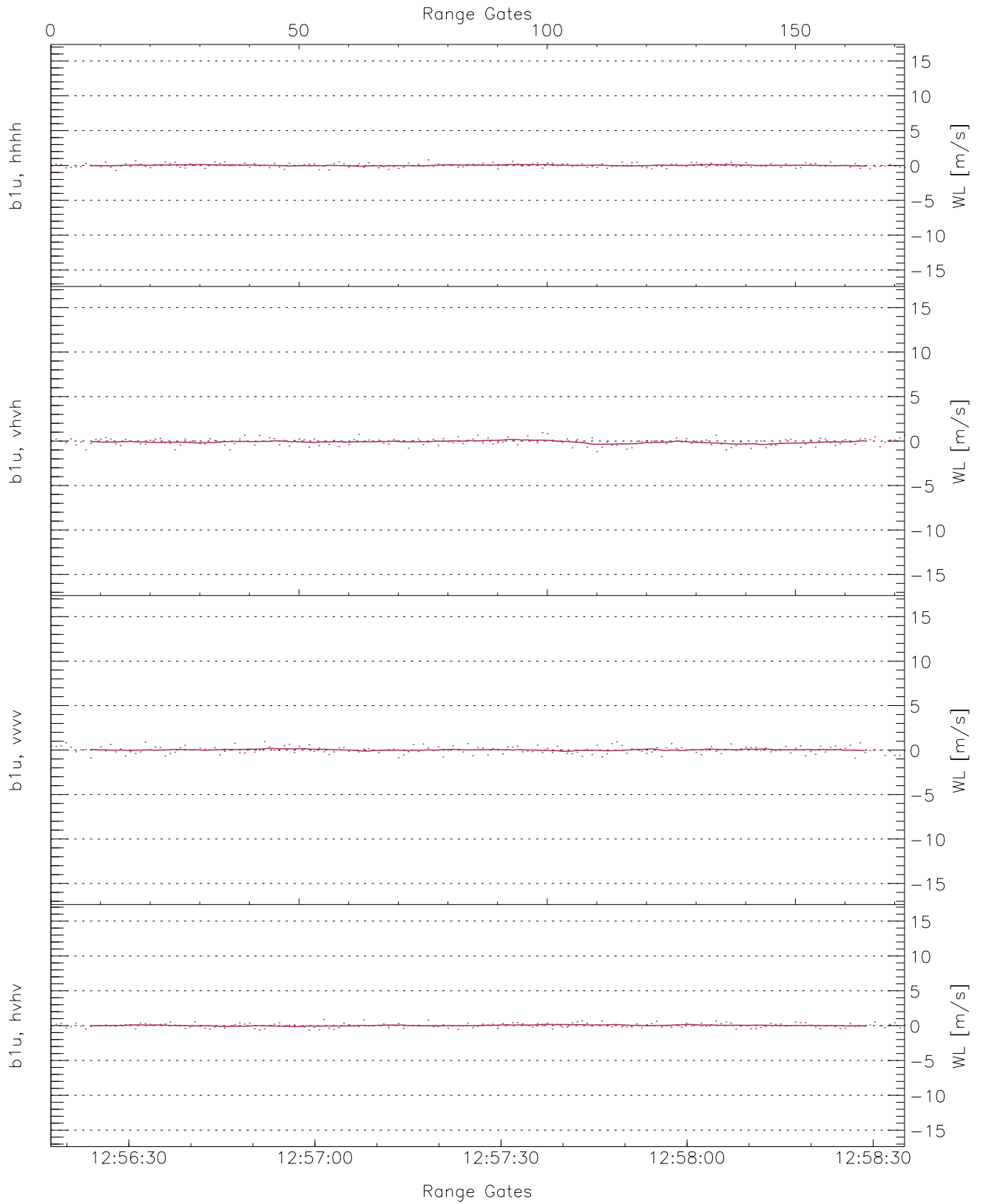
	Min	Max	Mean	Median	StDev
H1RG387_0 [dBm]	-78.20	-77.95	-78.07	-78.07	-97.59
H1RG39_0 [dBm]	-78.46	-78.18	-78.32	-78.32	-97.50
V1WL4_0 [dBm]	-78.40	-78.16	-78.28	-78.28	-97.40
V1RG315_0 [dBm]	-78.22	-77.98	-78.10	-78.11	-97.60



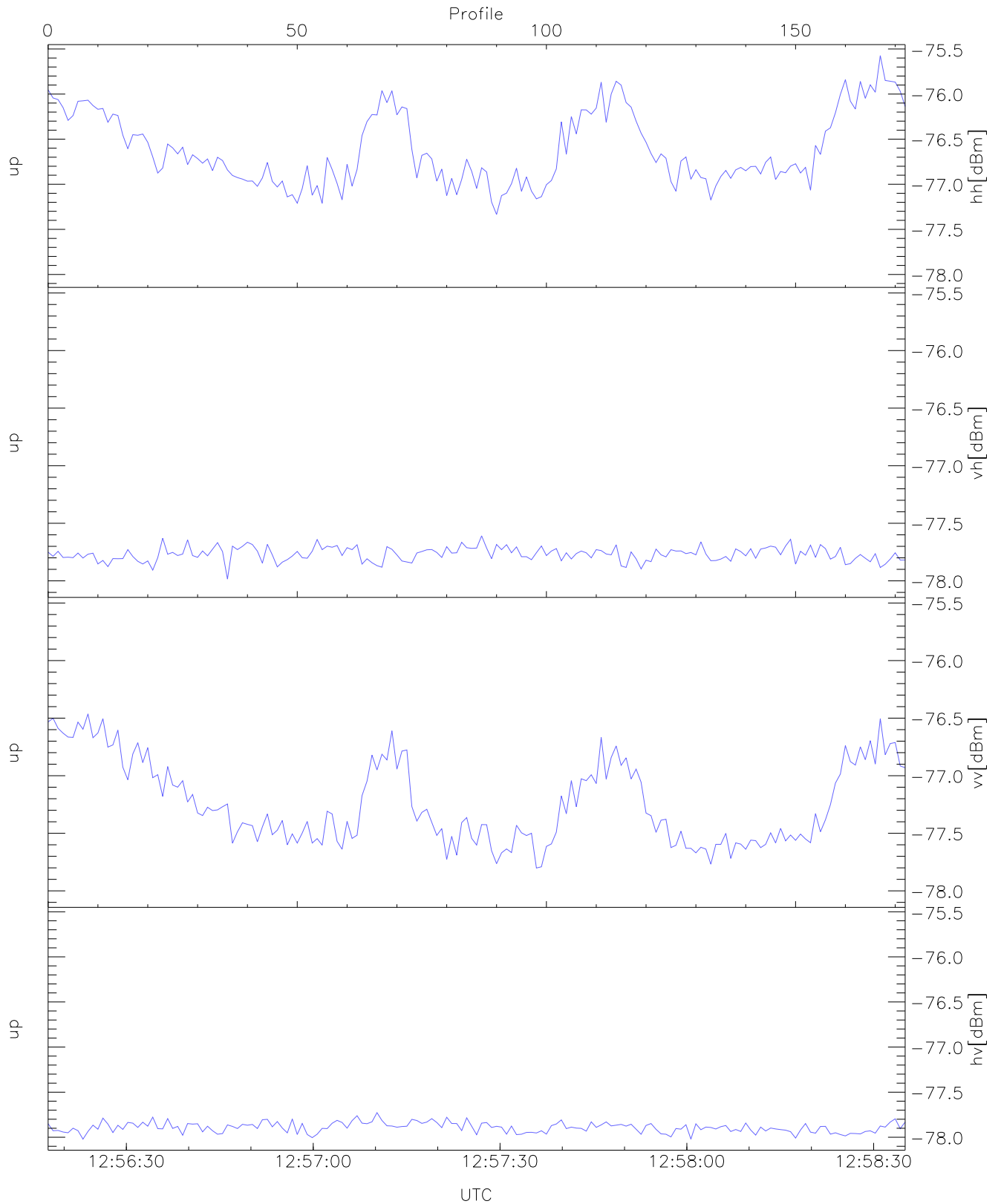
WCR3 CPP Averaged Received power for all recorded gates
blue: 125617-125726, 87 profiles averaged
red: 125726-125835, 87 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 125617-125726, 87 profiles averaged
red: 125726-125835, 87 profiles averaged

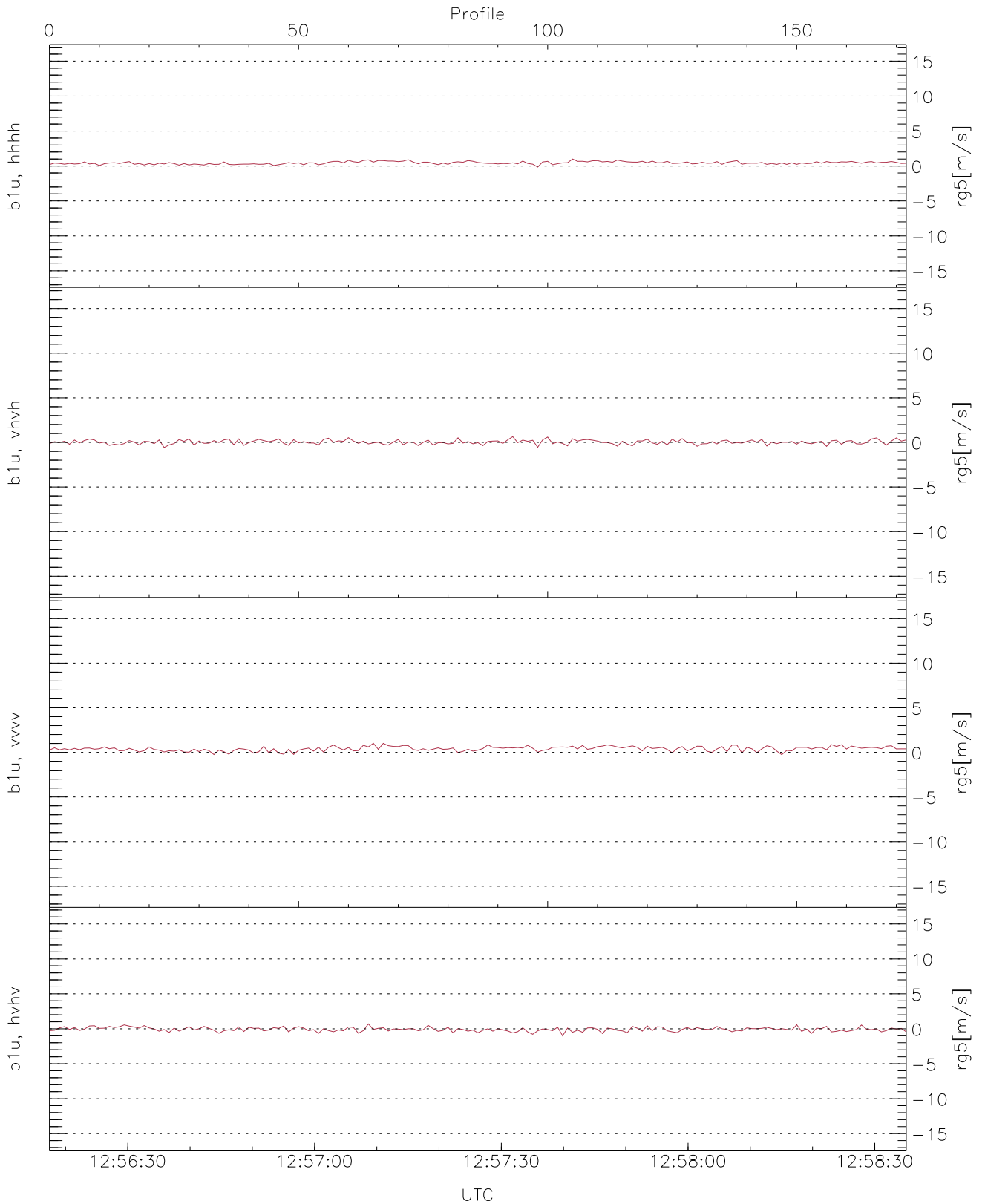


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

	Min	Max	Mean
up(hh [dBm])	-77.34	-75.57	-76.59
up(vh [dBm])	-77.98	-77.61	-77.77
up(vv [dBm])	-77.80	-76.46	-77.22
up(hv [dBm])	-78.02	-77.73	-77.89



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.15	1.00	0.45	0.19
b1u, vvhv(rg5[m/s])	-0.57	0.64	0.03	0.24
b1u, vvvv(rg5[m/s])	-0.26	1.02	0.40	0.26
b1u, hvhv(rg5[m/s])	-1.01	0.70	-0.07	0.30