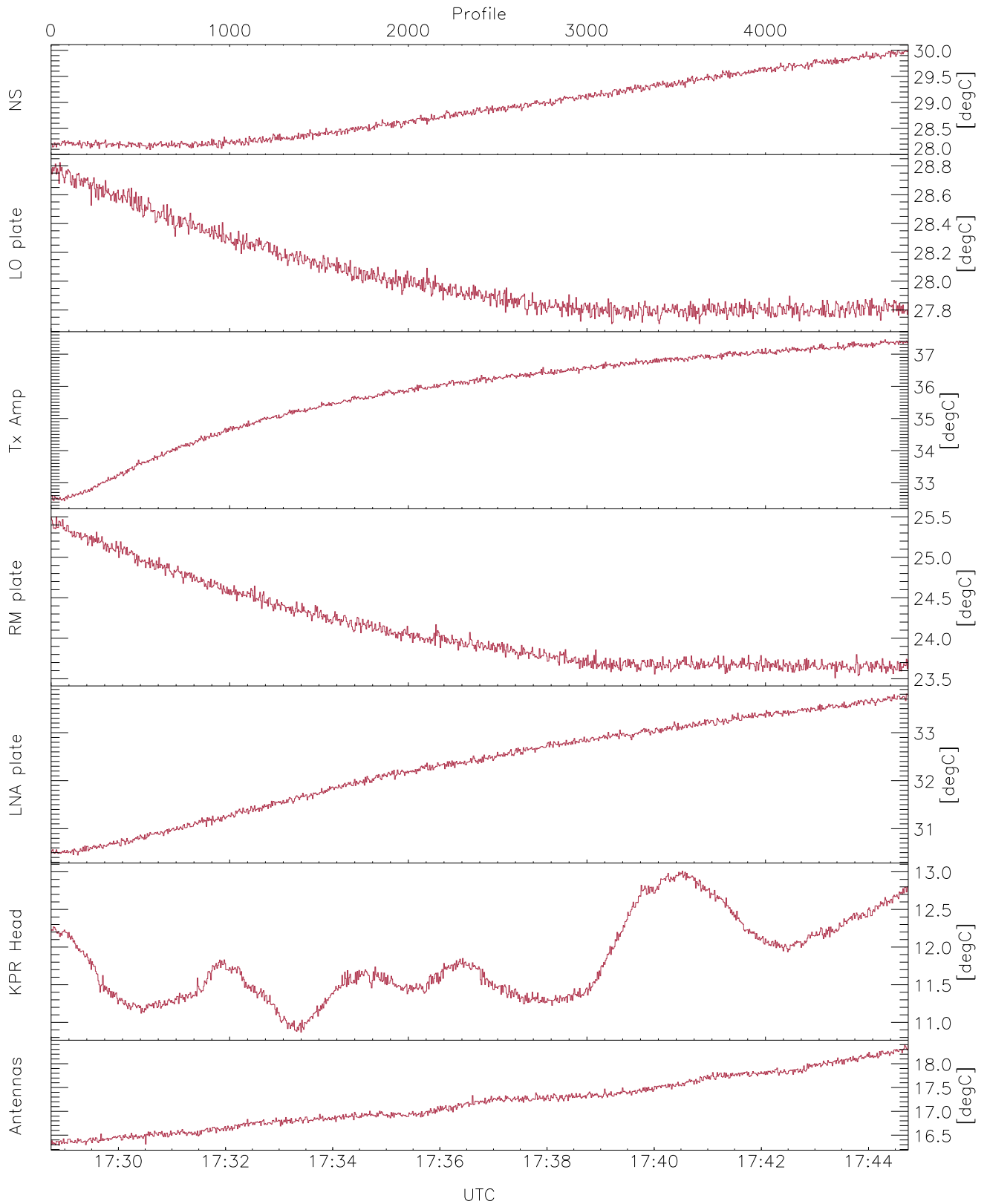


KPR SPP; Ant(s): UP; Radiometer: OFF

UTC: 17:28:45-17:59:07, TimeCor: 0.00s, Dur: 959.88s
 TimeInt(min,max,mn,std): 193.8,206.2,200.0,0.1 ms; PPS: 5.0
 NumRec(r/t): 4800/9111, 0-4799/17:28:45-17:44:44
 AcqTime(req,actual): 200.0,200.0 ms, Data Rate: 41.2 KB/s
 Pulse: 618 ns, Chirp: 6.18 us, DRxIF: 2.0 MHz
 PRF: 18.5 KHz, avgPulses: 3704, avgPP: 3703
 NyquistVel: 38.9 m/s, RangeRes:75.0 m
 Pulse Range(min,max): 159, 6529 m, Gates: 171
 Chirp Range(min,max): 1210, 6494 m, Gates: 142
 RangeGateSampling: 37.5 m, Aspect: 2.1

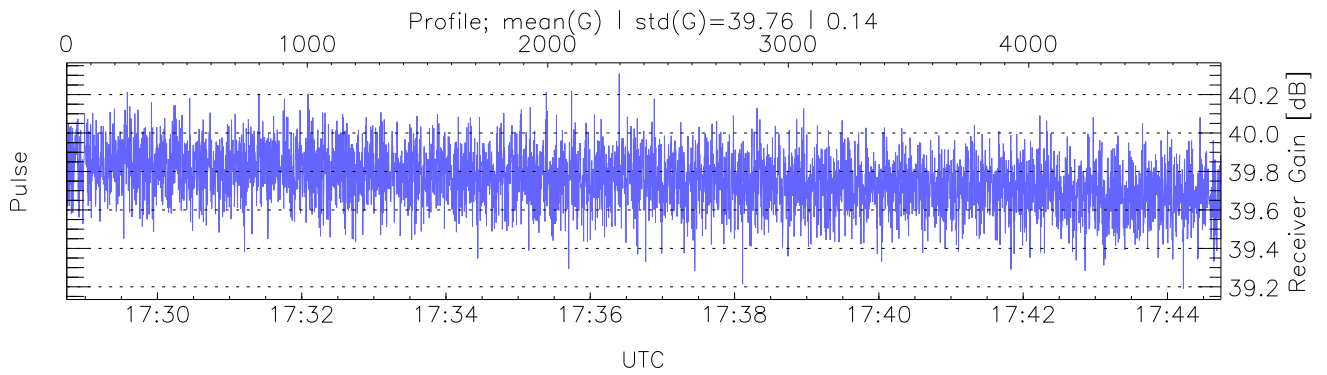
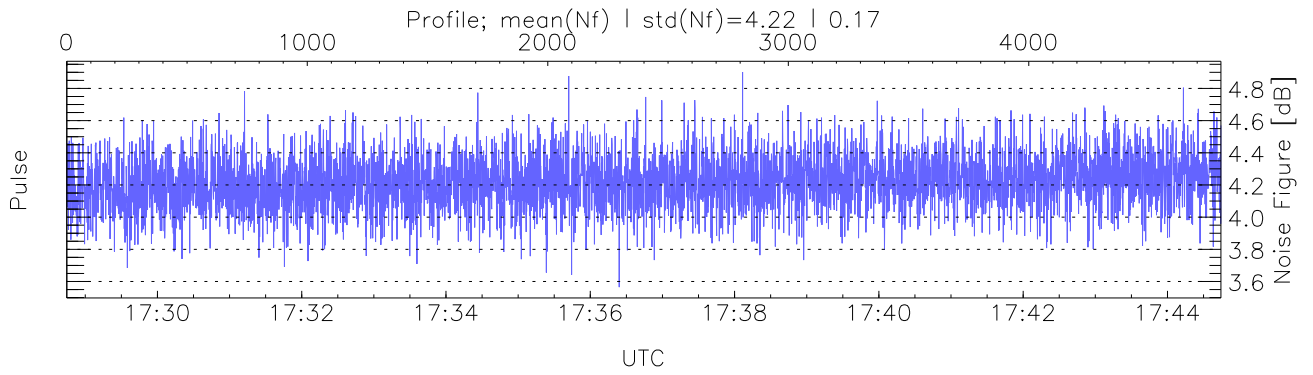
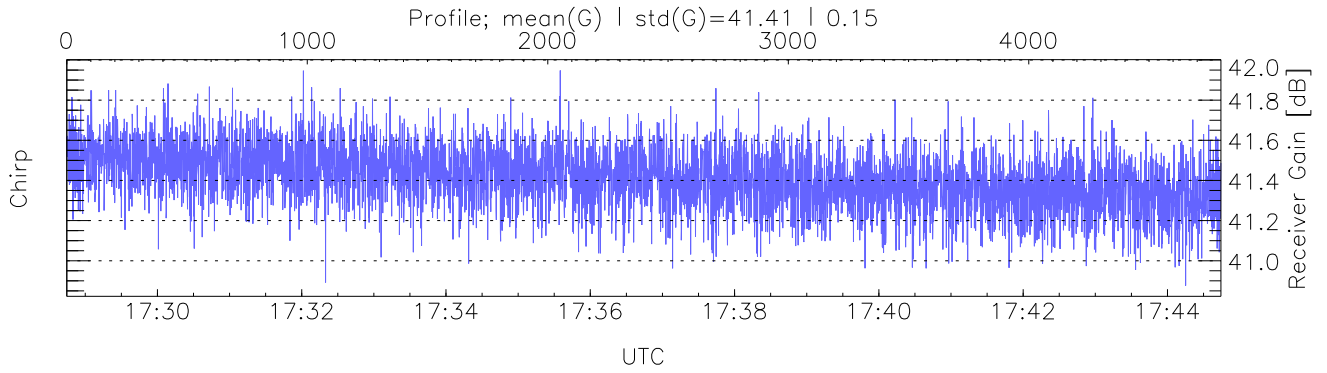
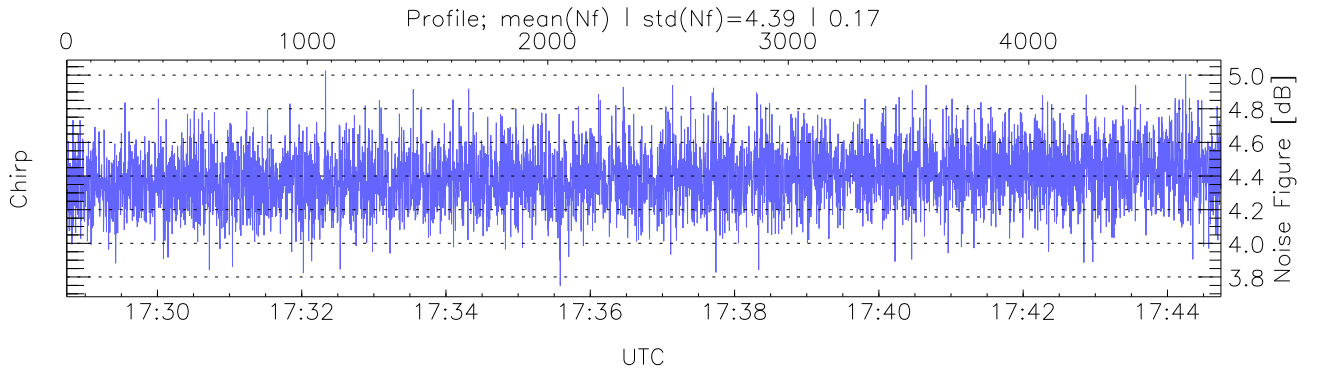


KPR SPP Temperatures, Power Supplies, PLO lock:

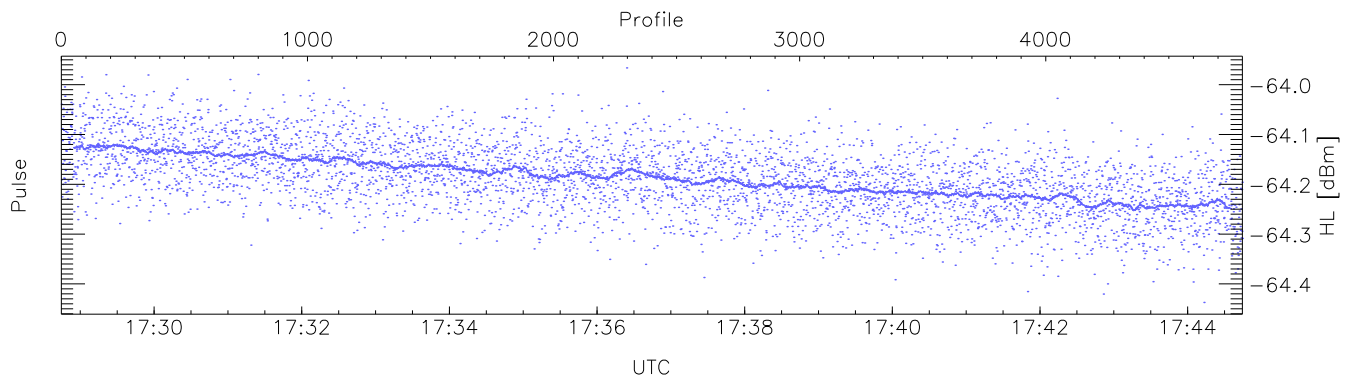
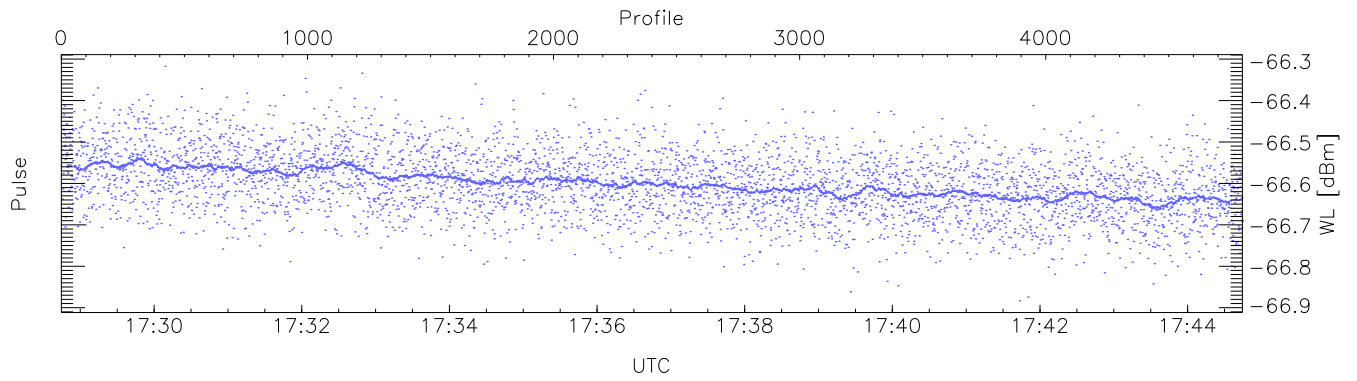
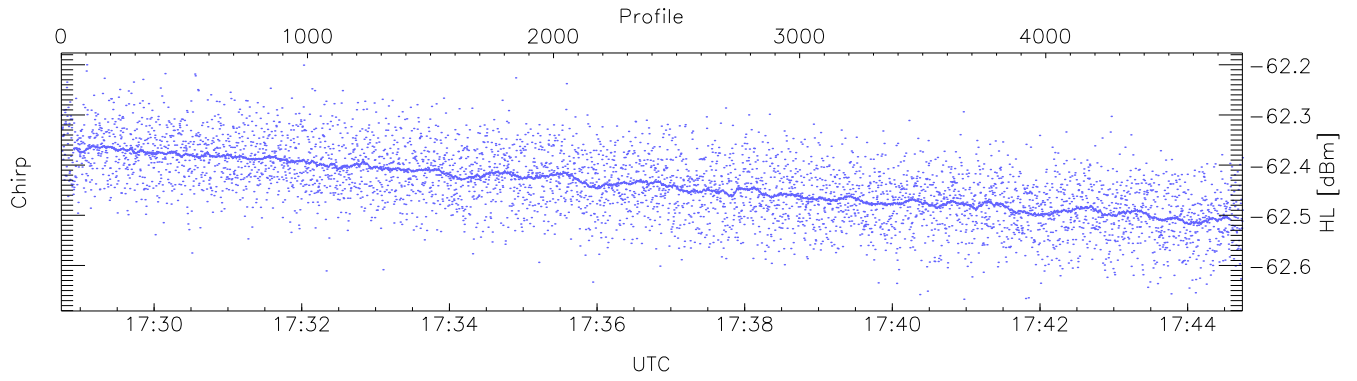
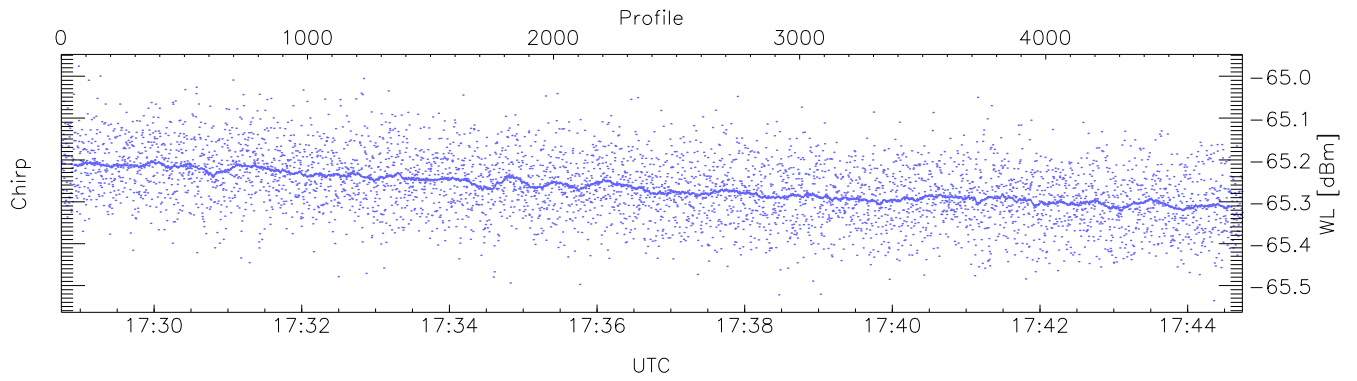
temperature:	NS,	LO,	Tx,	RM,	LNA,	Head,	Ant
mintempC:	28.1,	27.7,	32.4,	23.5,	30.5,	10.9,	16.3
maxtempC:	30.0,	28.8,	37.4,	25.5,	33.8,	13.0,	18.4
meantempC:	28.9,	28.0,	35.8,	24.1,	32.3,	11.8,	17.2

PwrSply:	28,	12,	8,	5 VDC
minVDC:	26.15,	11.65,	7.87,	5.22
maxVDC:	27.66,	11.72,	7.89,	5.23
meanVDC:	27.00,	11.69,	7.88,	5.22

PLO(3.84,15.84 GHz) unlocked: None

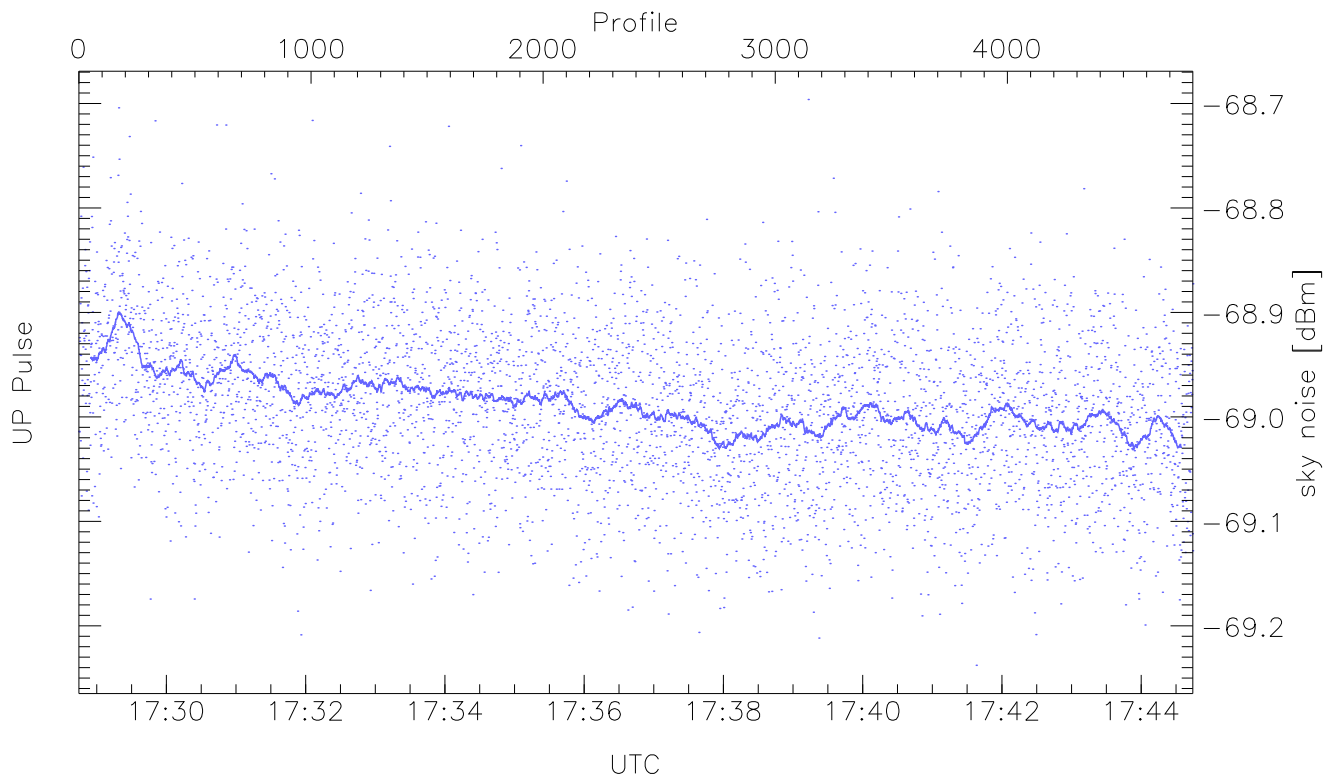
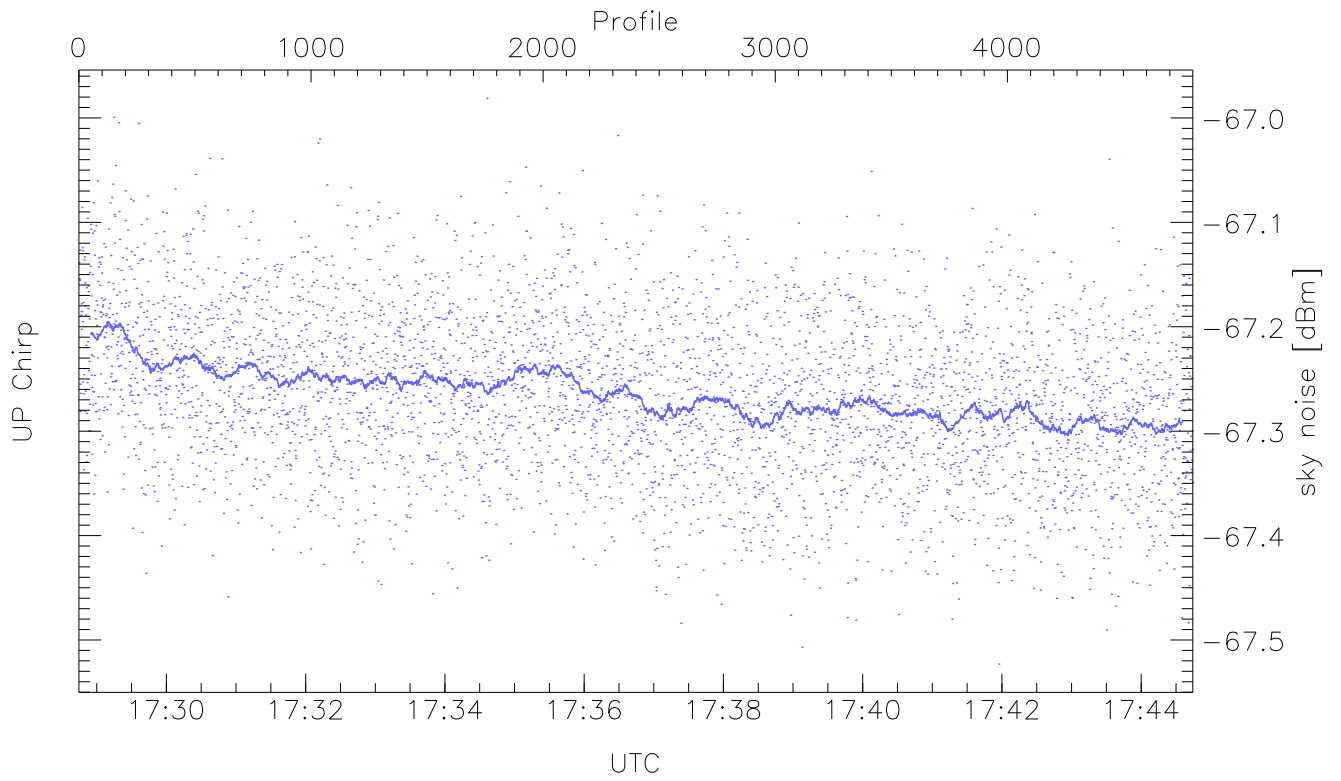


KPR SPP Receiver Gain and Noise Figure



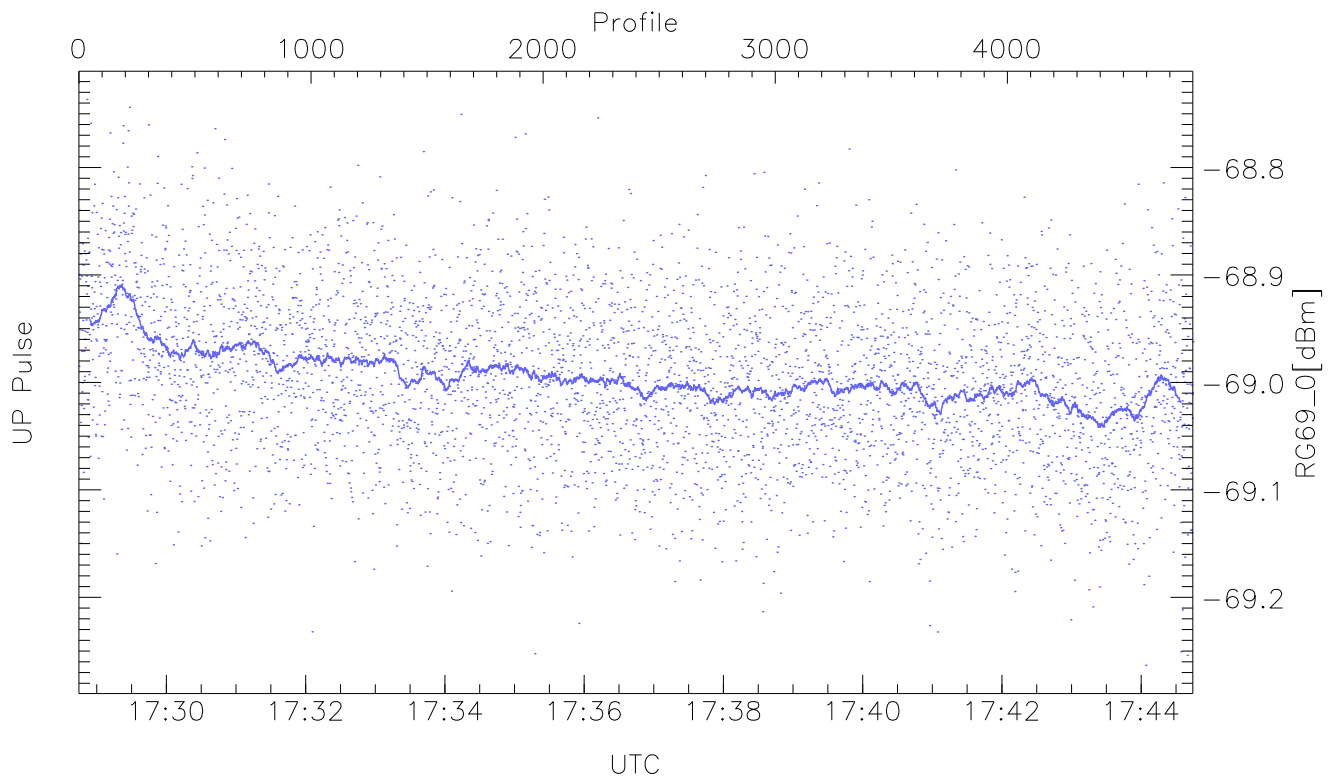
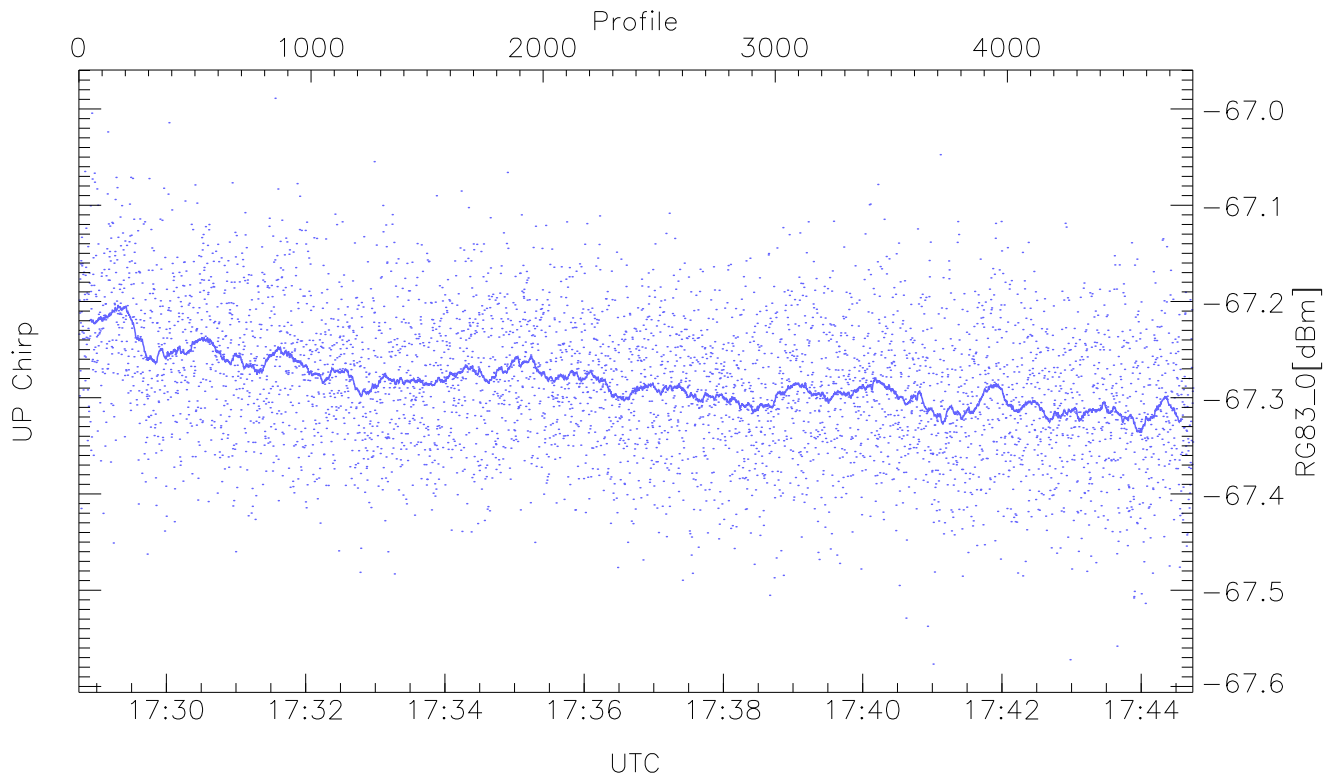
KPR SPP Receiver Noise Source Warm and Hot Measurements

	Min	Max	Mean	Median	StDev
Chirp(WL [dBm])	-65.54	-64.98	-65.27	-65.27	-82.69
Chirp(HL [dBm])	-62.67	-62.20	-62.44	-62.44	-80.22
Pulse(WL [dBm])	-66.88	-66.32	-66.60	-66.60	-84.14
Pulse(HL [dBm])	-64.44	-63.97	-64.19	-64.19	-82.25



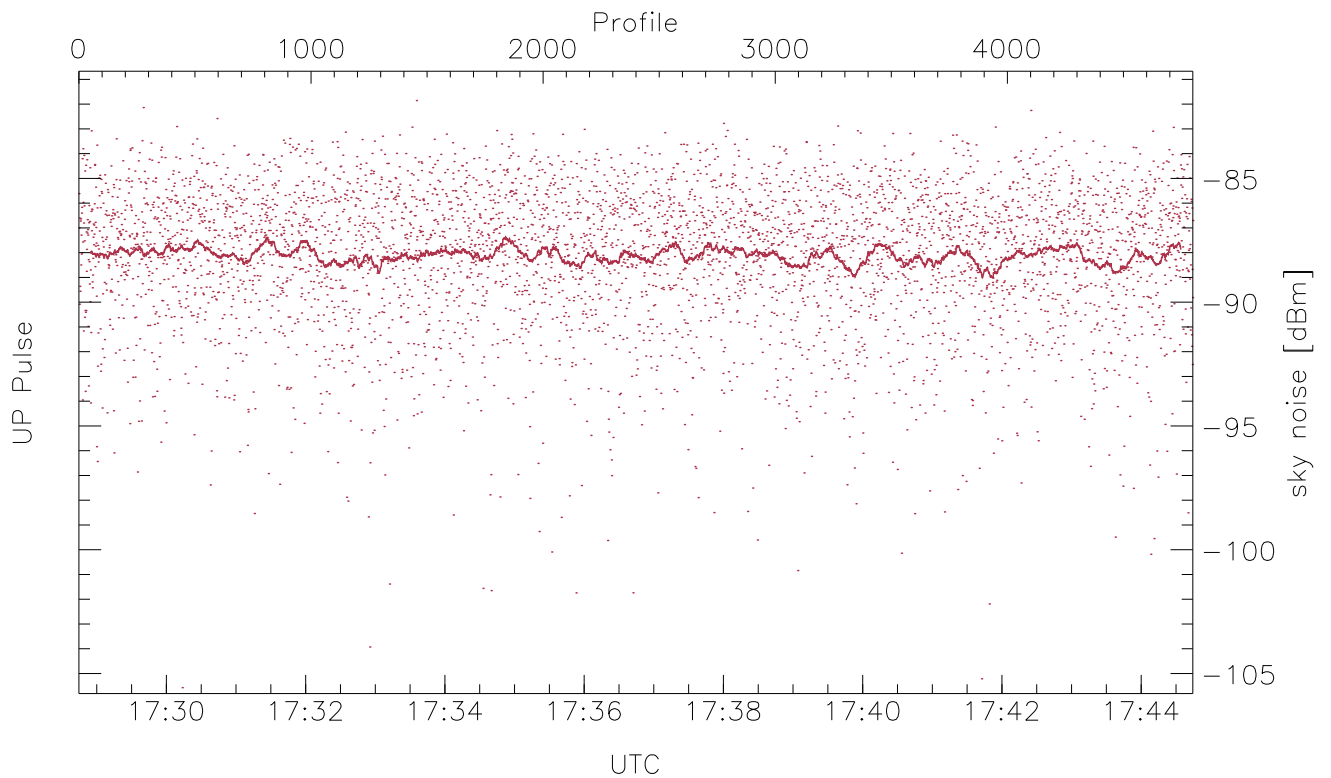
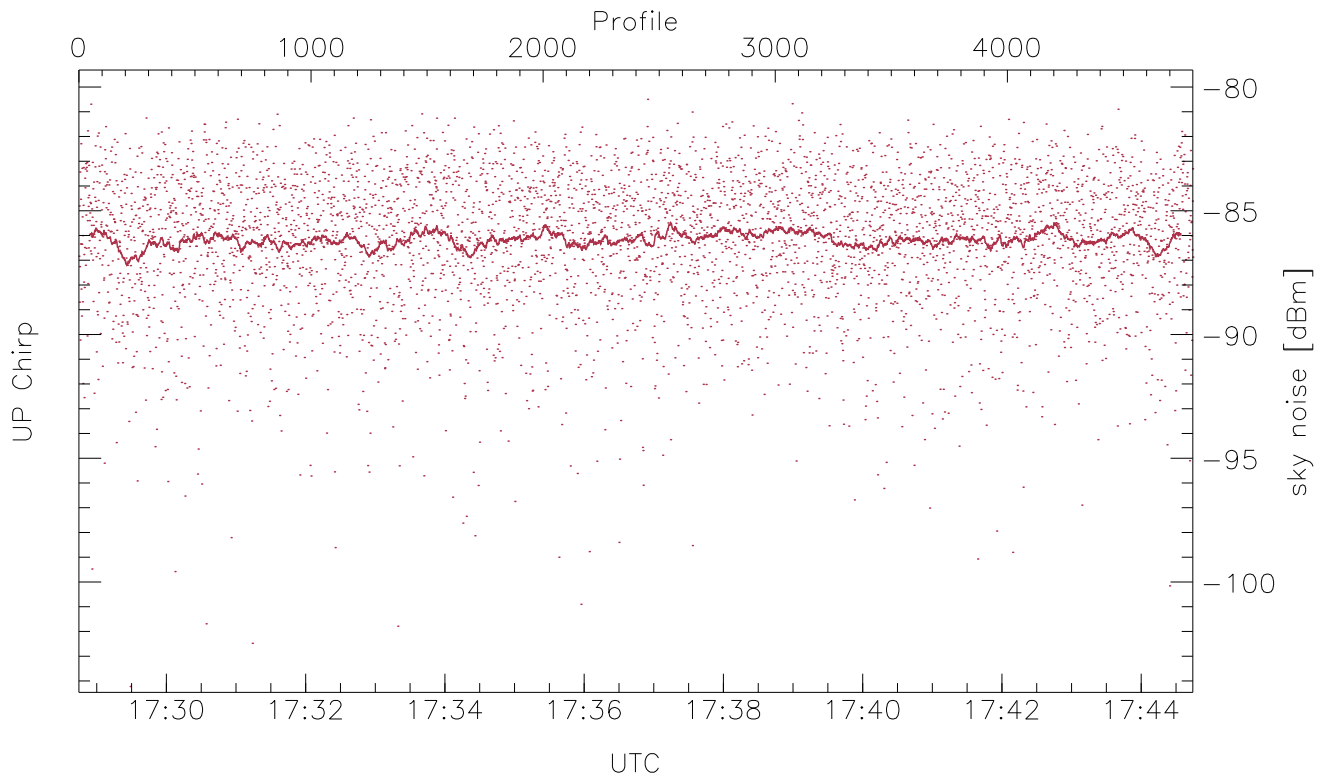
KPR SPP Last range gate power measurements: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-67.52	-66.98	-67.26	-67.27	-84.87
UP Pulse(dBm)	-69.24	-68.70	-68.99	-68.99	-86.61



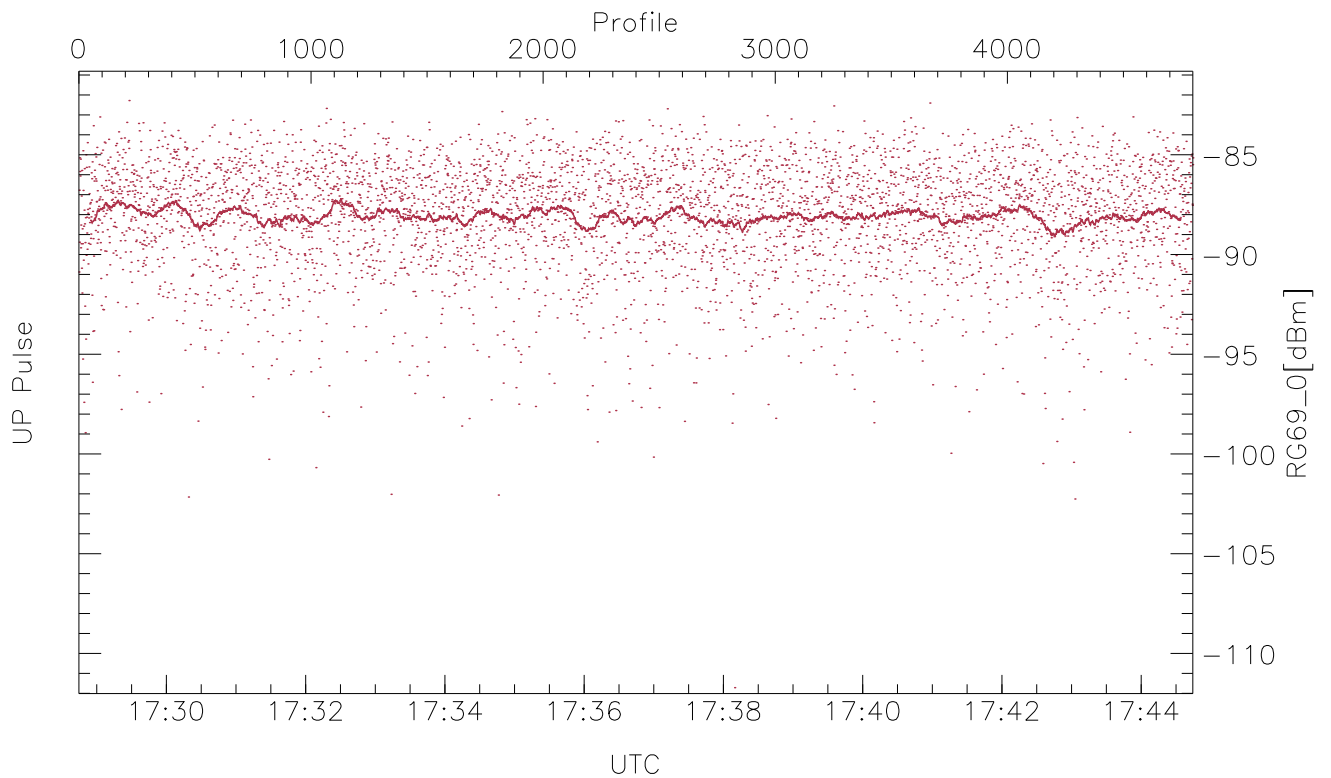
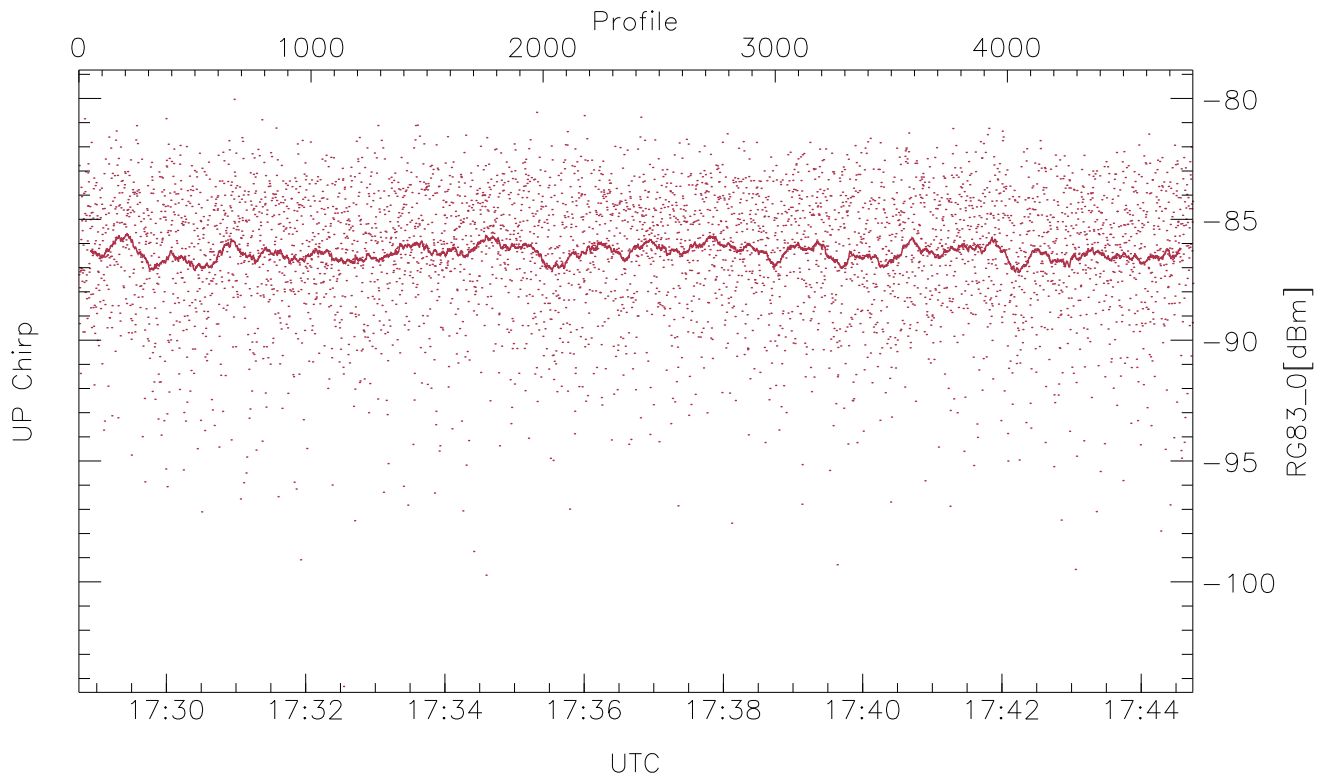
KPR SPP "Best" noise power measurements (dBm):

	Min	Max	Mean	Median	StDev
UP_C_RG83_0	-67.58	-66.99	-67.28	-67.29	-84.87
UP_P_RG69_0	-69.26	-68.74	-68.99	-69.00	-86.65



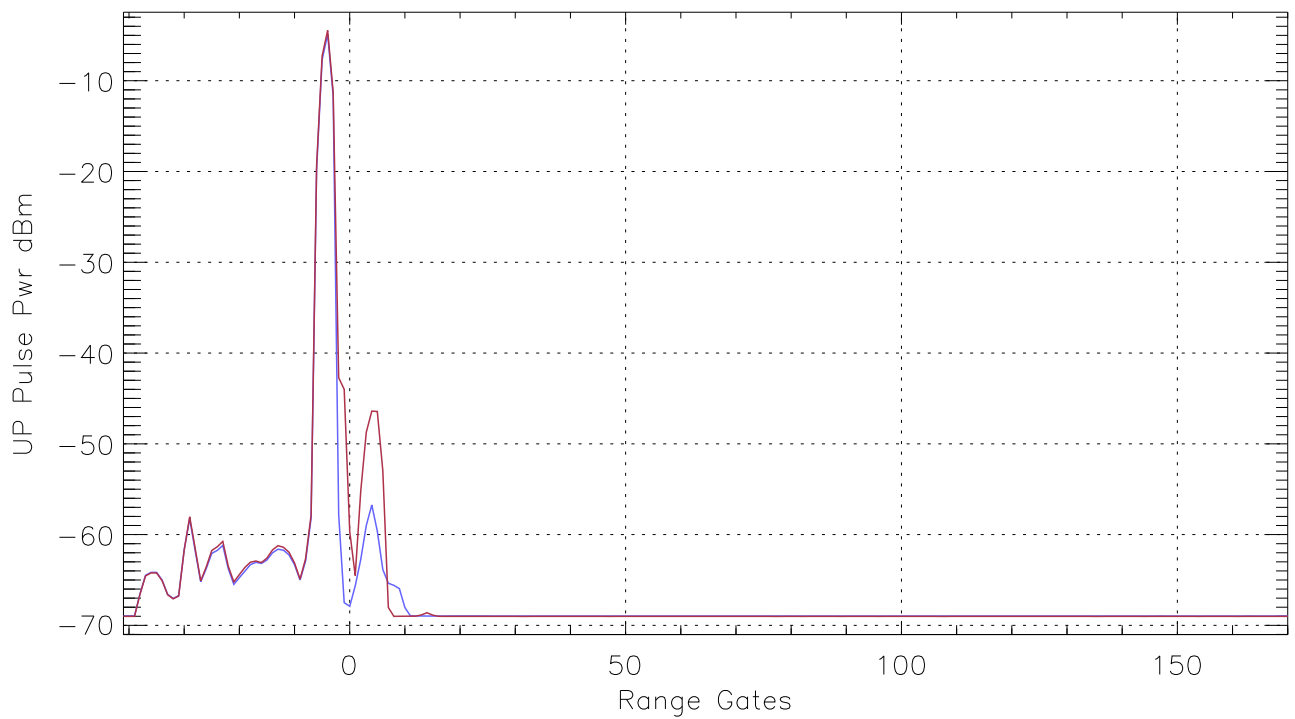
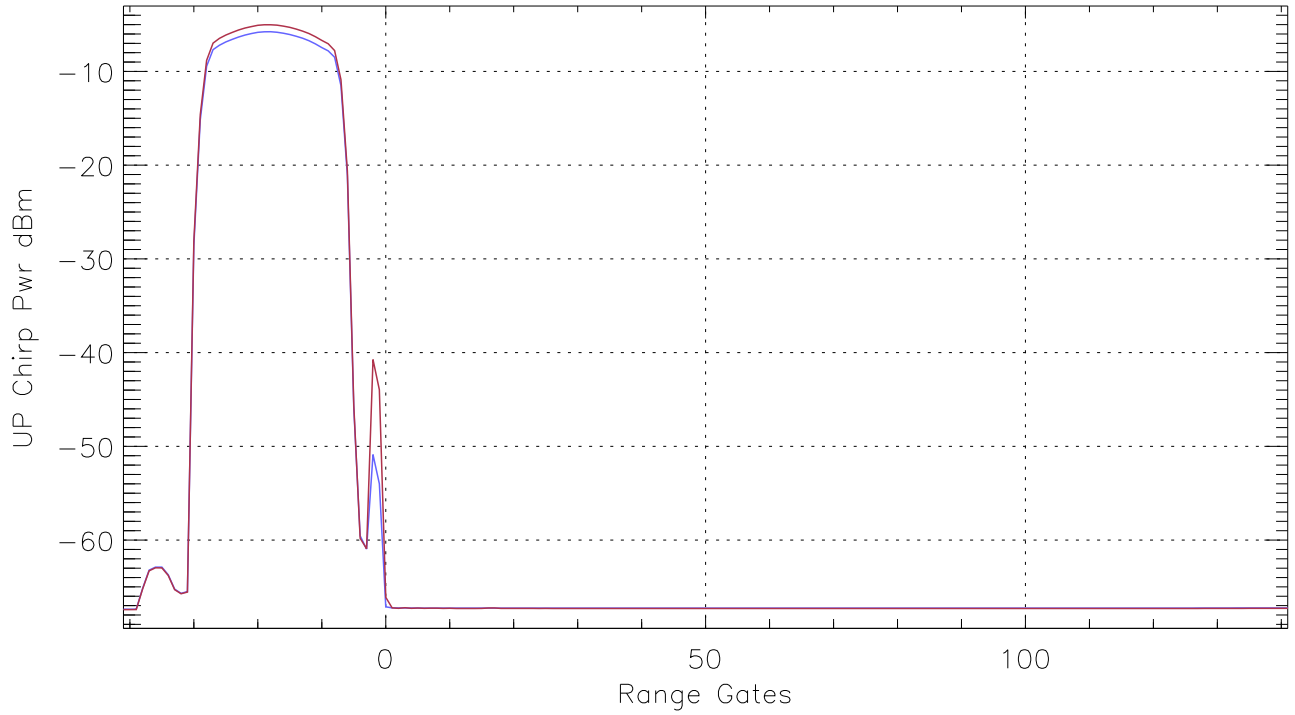
KPR SPP Last range gate PPMAG: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-104.22	-80.50	-85.45	-85.74	-88.30
UP Pulse(dBm)	-105.57	-81.86	-87.37	-87.63	-90.15

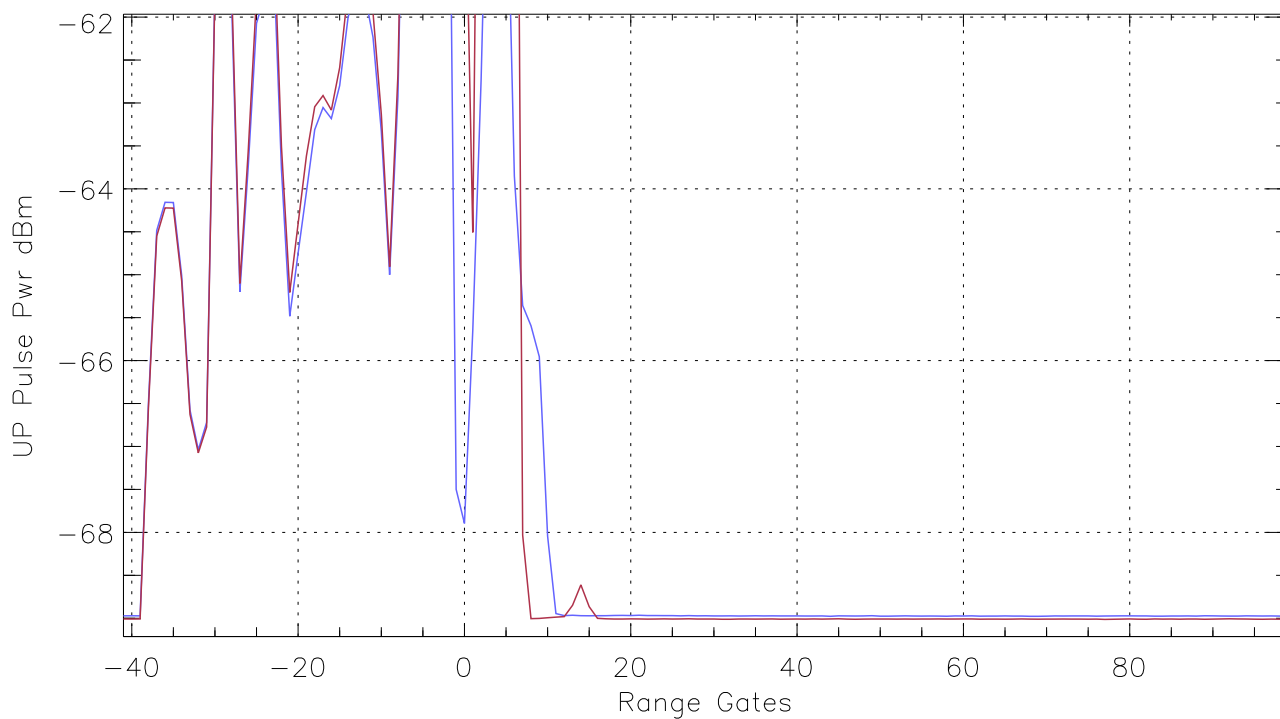
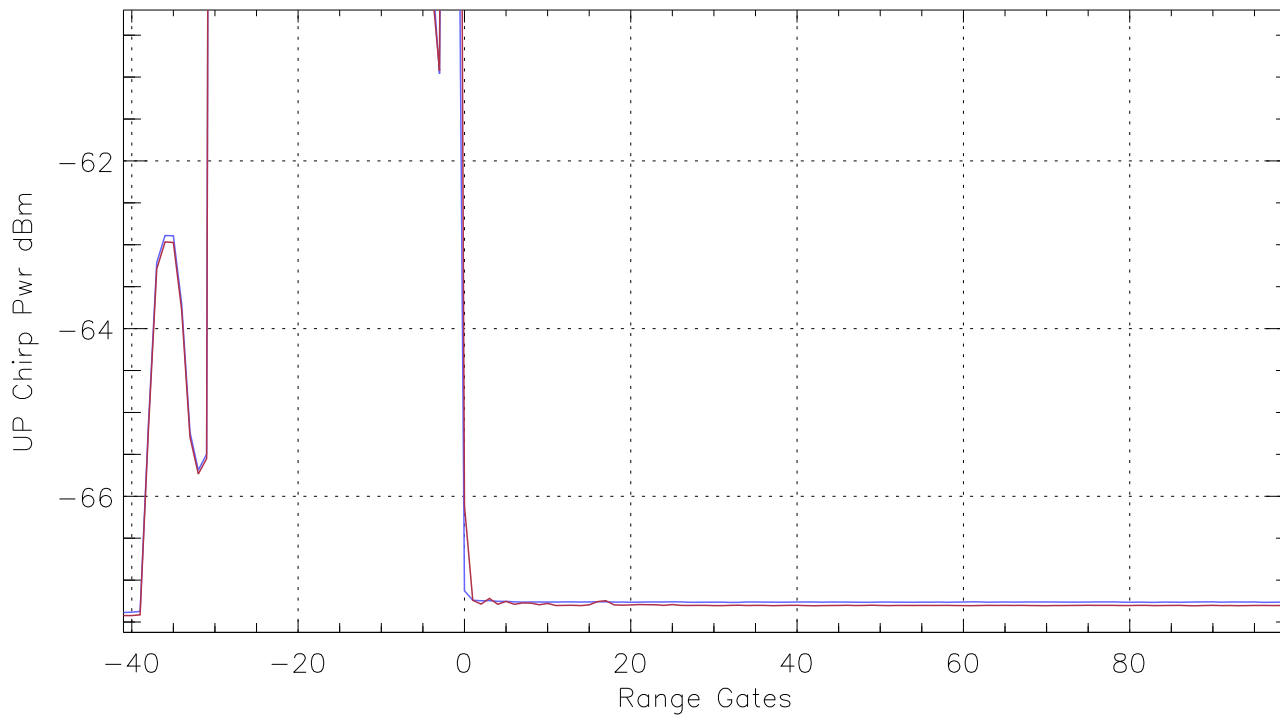


KPR SPP "Best" PPMAG noise (dBm):

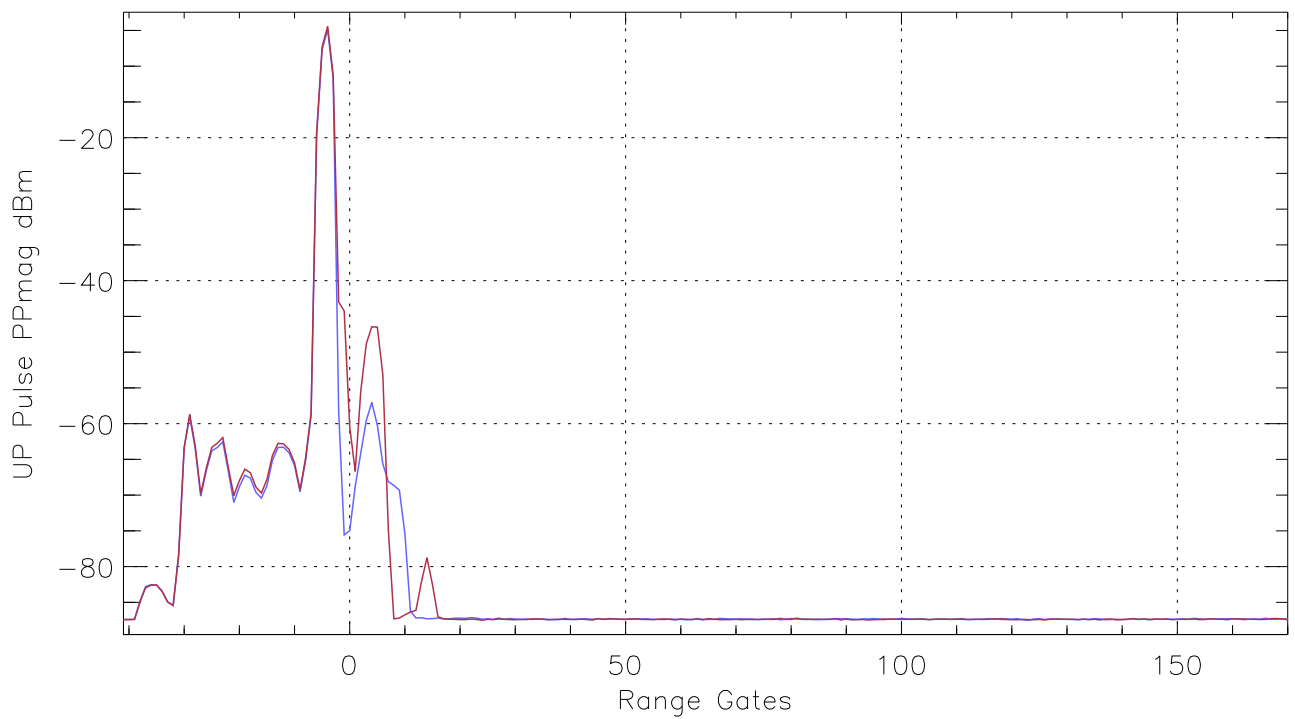
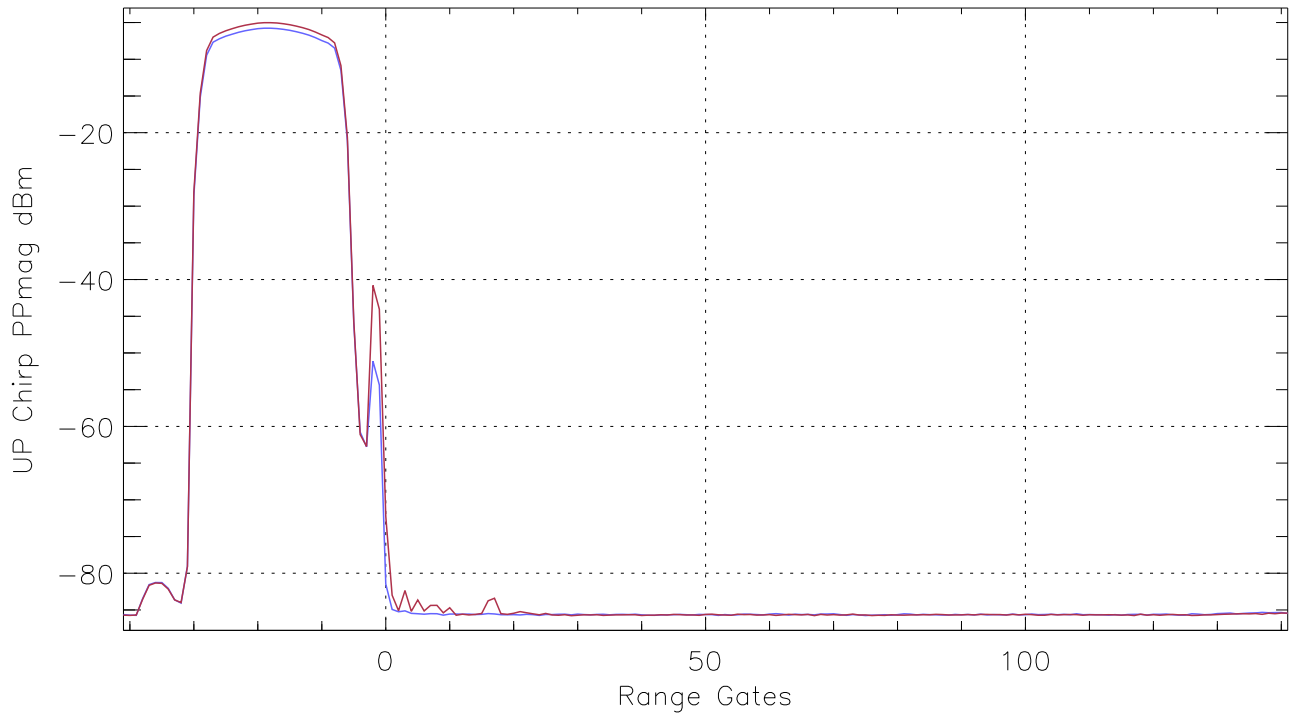
	Min	Max	Mean	Median	StDev
UP_C_RG83_0	-104.33	-80.04	-85.67	-86.00	-88.45
UP_P_RG69_0	-111.72	-82.28	-87.37	-87.61	-90.23



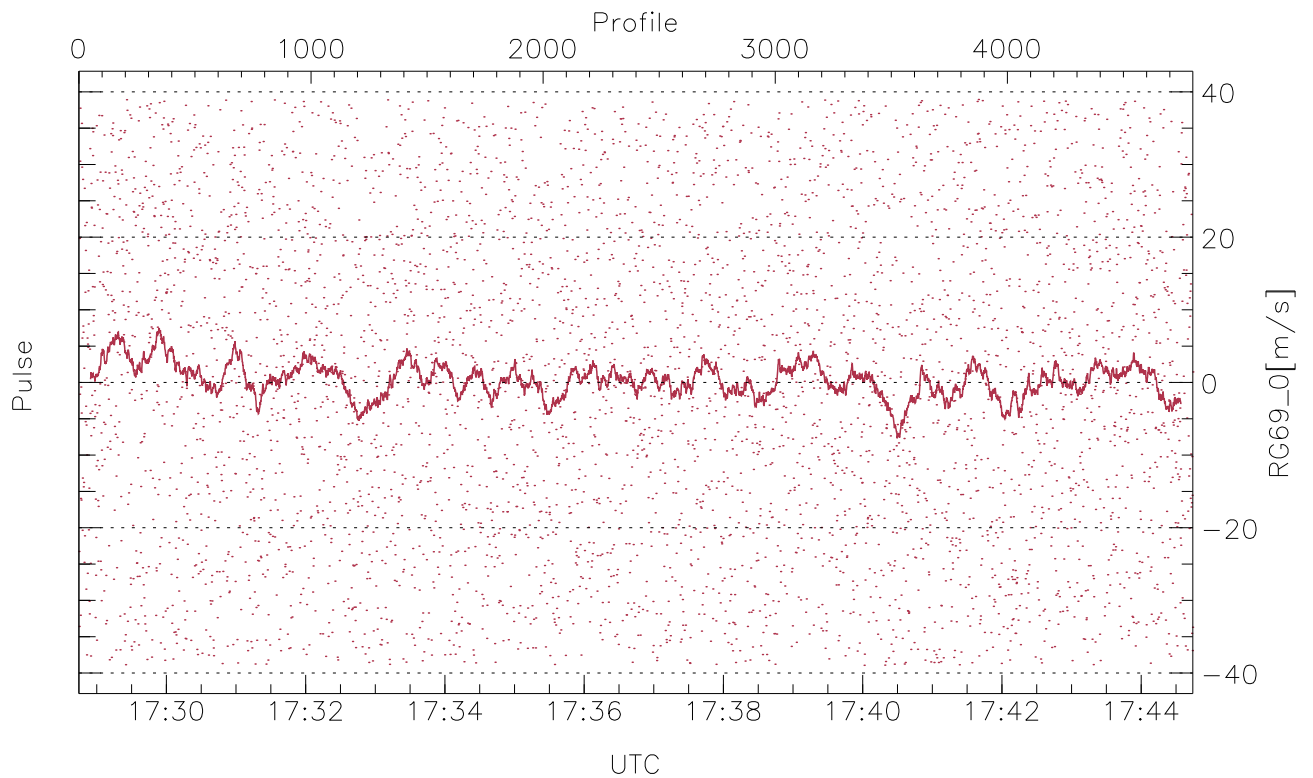
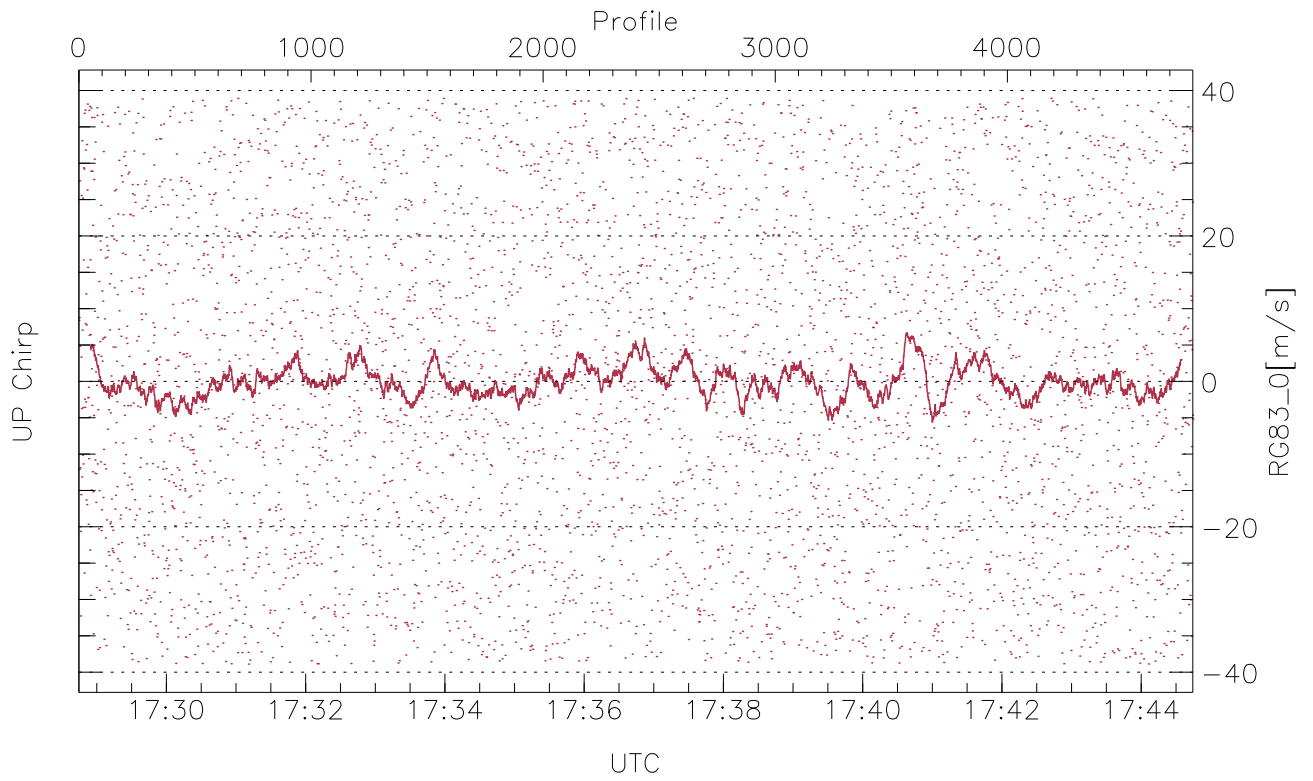
KPR SPP Averaged Received power for all recorded gates
blue: 172845-173644, 2401 profiles averaged
red: 173644-174444, 2400 profiles averaged



KPR SPP Averaged Power for neg. gates & up to 100 gates
blue: 172845-173644, 2401 profiles averaged
red: 173644-174444, 2400 profiles averaged

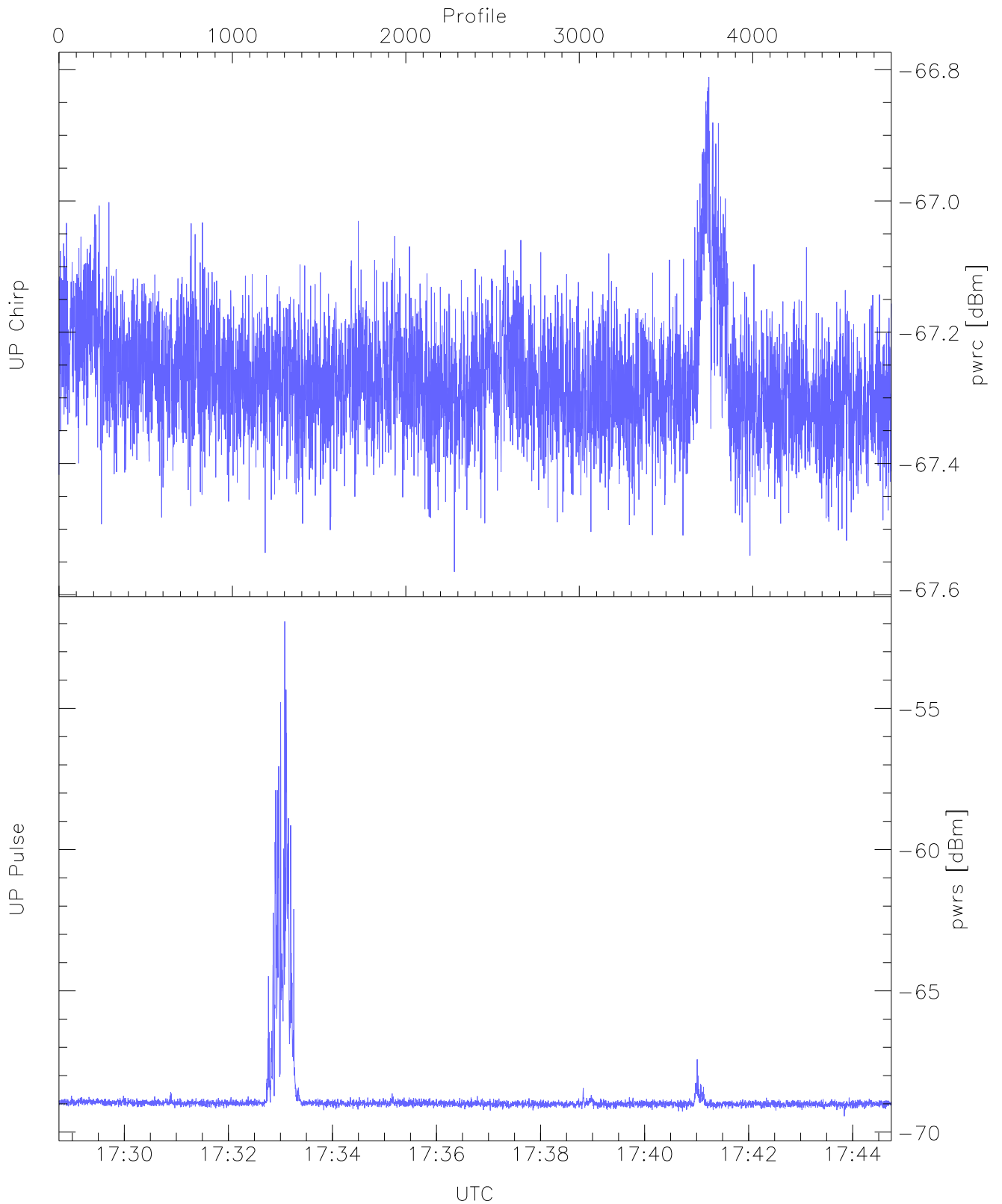


KPR SPP Averaged PP magnitude for all recorded gates
blue: 172845-173644, 2401 profiles averaged
red: 173644-174444, 2400 profiles averaged



KPR SPP "Best" PPVEL noise (m/s):

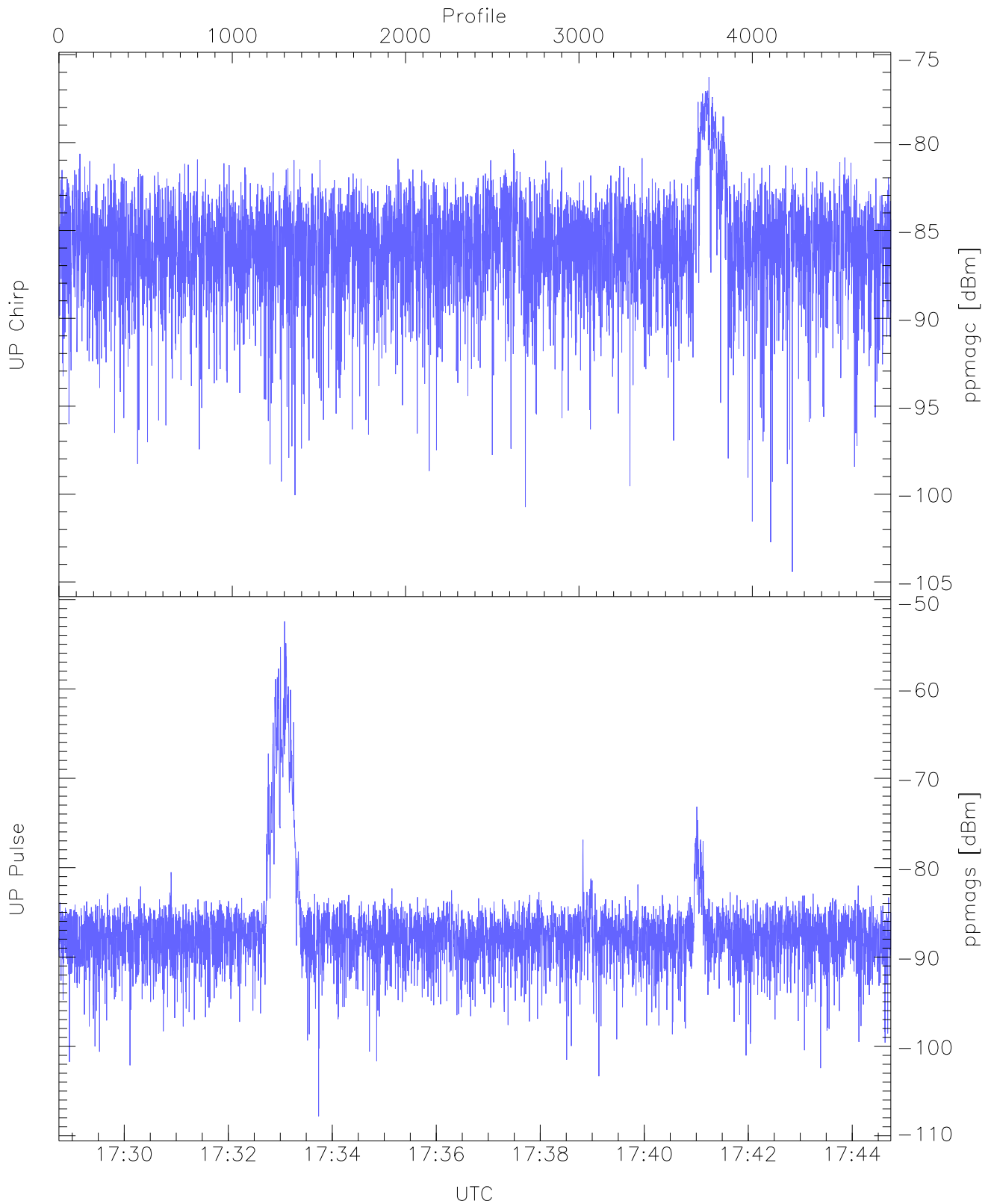
	Min	Max	Mean	Median	StDev
UP_C_RG83_0	-38.88	38.93	-0.04	0.08	22.19
UP_P_RG69_0	-38.93	38.94	0.28	0.36	21.85



KPR SPP Received Power for Chirp Range gate 10 (1585.2 m)

KPR SPP Received Power for Pulse Range gate 10 (533.8 m)

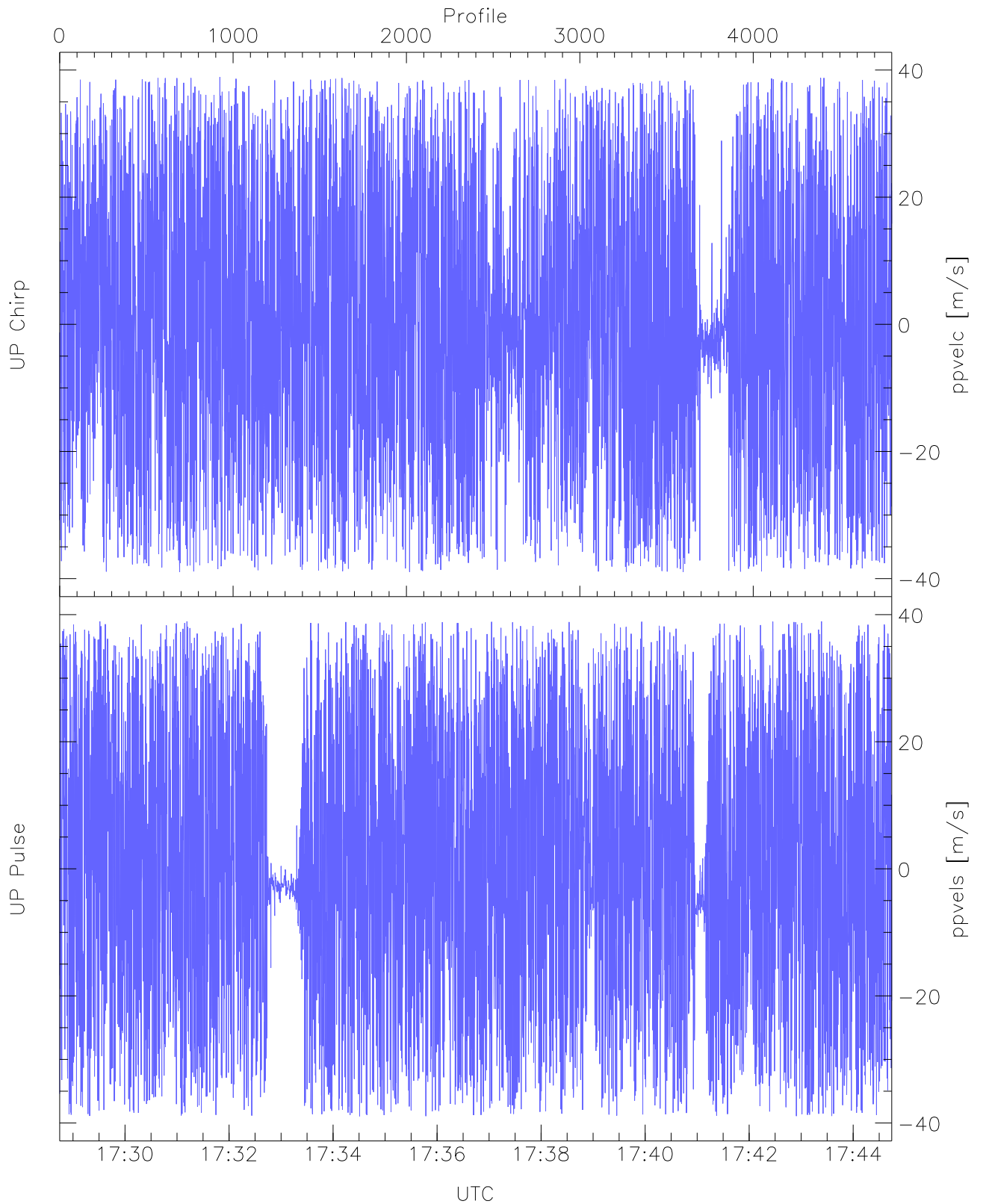
	Min	Max	Mean
UP Chirp(dBm)	-67.57	-66.81	-67.27
UP Pulse(dBm)	-69.44	-51.92	-68.49



KPR SPP PPMAG for Chirp Range gate 10 (1585.2 m)

KPR SPP PPMAG for Pulse Range gate 10 (533.8 m)

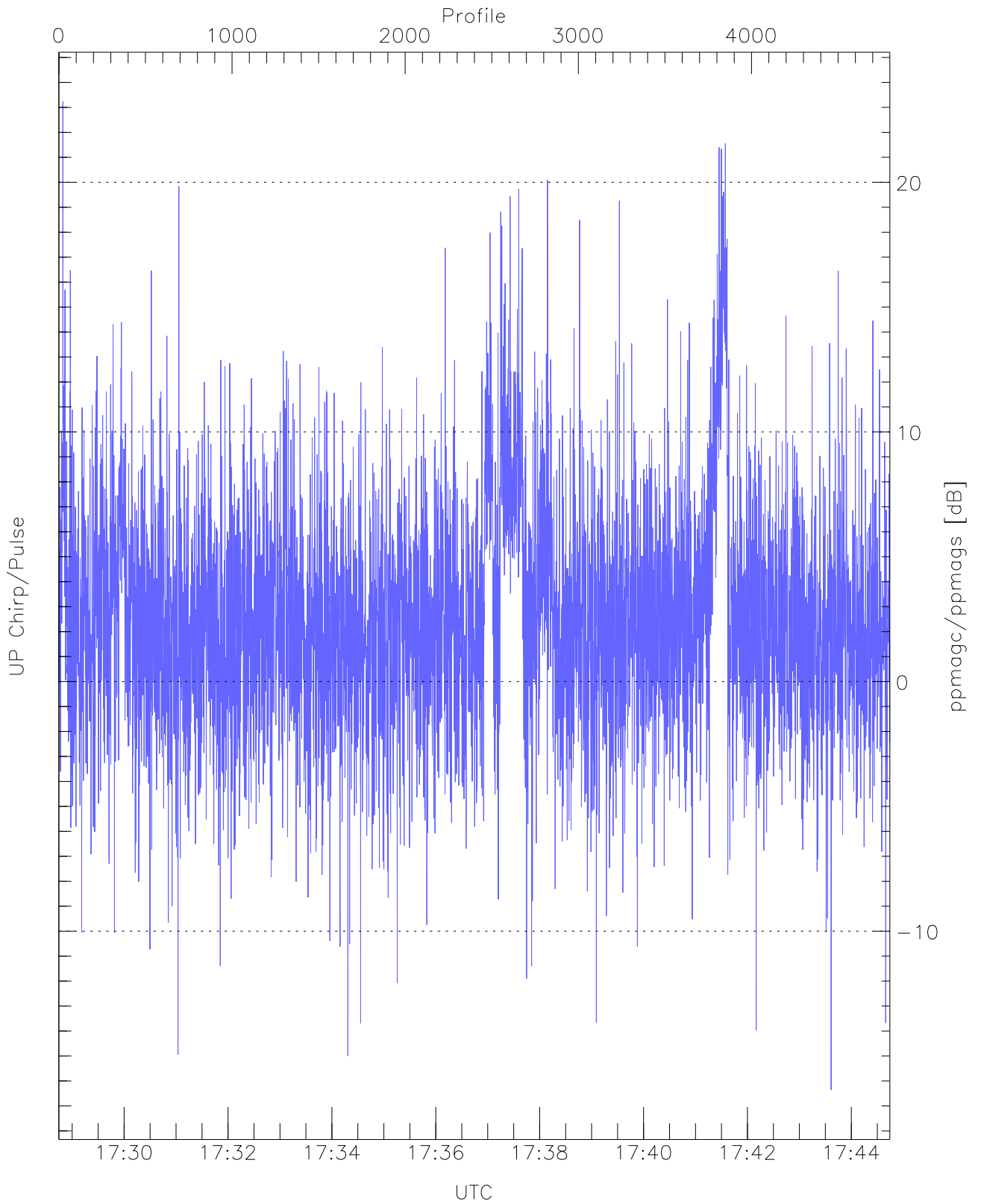
	Min	Max	Mean
UP Chirp(dBm)	-104.43	-76.27	-85.11
UP Pulse(dBm)	-107.81	-52.44	-78.10



KPR SPP PPVEL for Chirp Range gate 10 (1585.2 m)

KPR SPP PPVEL for Pulse Range gate 10 (533.8 m)

	Min	Max	Mean
UP Chirp(m/s)	-38.94	38.90	-0.26
UP Pulse(m/s)	-38.93	38.94	0.36



KPR SPP PPMAG Chirp/Pulse; Range gate: 1247.9m /1283.3m

	Min	Max	Mean
UP Chirp/Pulse(dBm)	-16.37	23.23	5.41