

**Leighton Design Services
4019 Windward Drive
Tega Cay, SC 29708**

Supplementary Information
Regarding Electromagnetic Compatibility Testing
Performed on the Model TTID-GT1 Transmitter

Sold by
International Marketing, Inc.
25 Penncraft Ave., Suite C
Chambersburg, Pennsylvania 17201

by
Harold Leighton

26 November 2008

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Abstract

As discussed in the conference call of November 12, 2008 between the cognizant FCC and industry personnel listed herein, this document presents supplementary information regarding Electromagnetic Compatibility on the Model TTID-GT1 transmitter of the TTTX system; a trailer tracking system sold by International Marketing, Inc.

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1.0 Introduction.

As discussed in the conference call of November 13, 2008 among the cognizant personnel listed below, this document presents supplementary information regarding Electromagnetic Compatibility Tests performed on the Model TTID-GT1 transmitter sold by International Marketing, Inc.

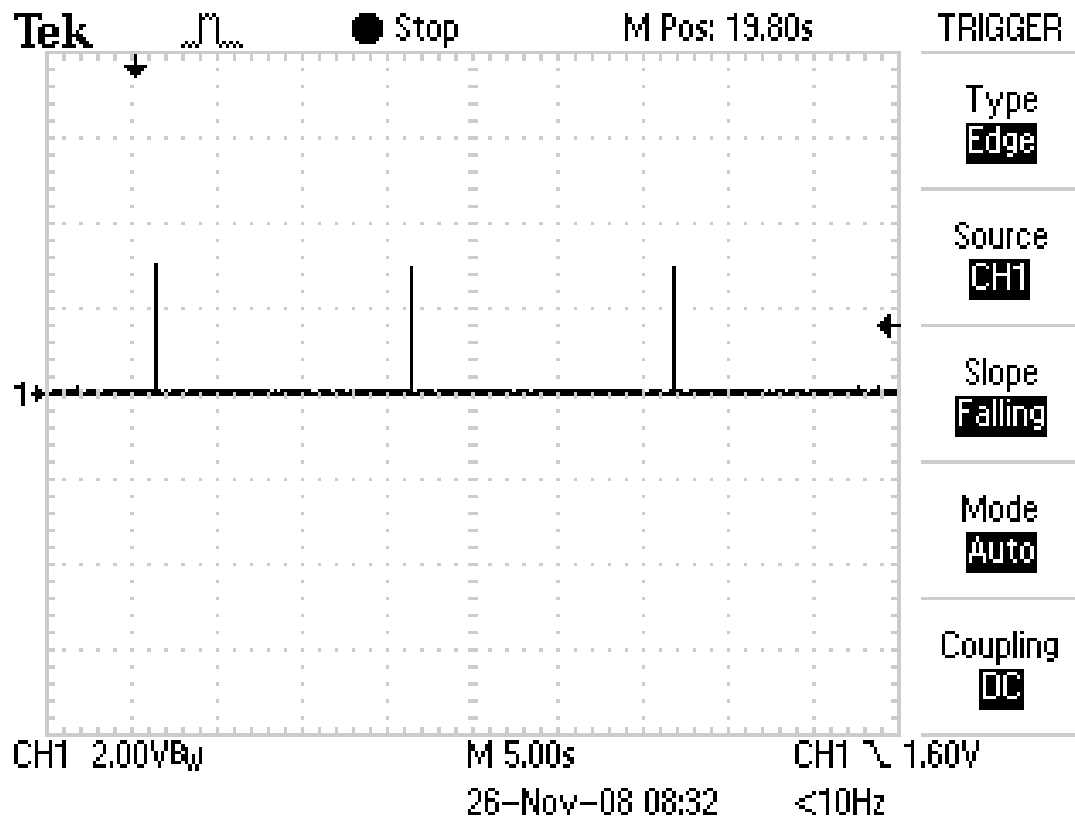
1.1 Cognizant Personnel.

Ms. Katie Hawkins, Electronics Engineer
Federal Communications Commission
7435 Oakland Mills Rd. Columbia, Maryland 21046
(301) 362-3030

Mr. Alan Lesesky, President
Vehicle Enhancement Systems, Inc.
1439-10 Dave Lyle Boulevard
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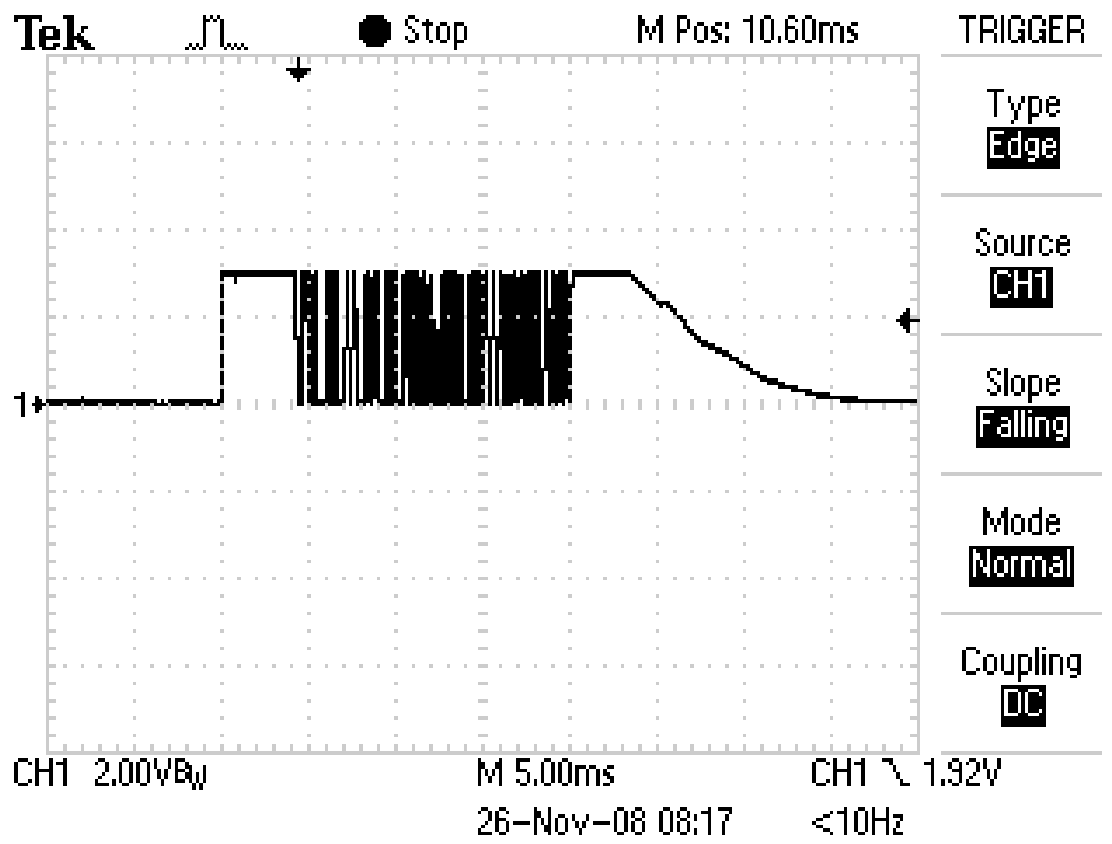
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2.0 Scope capture of time between transmissions:



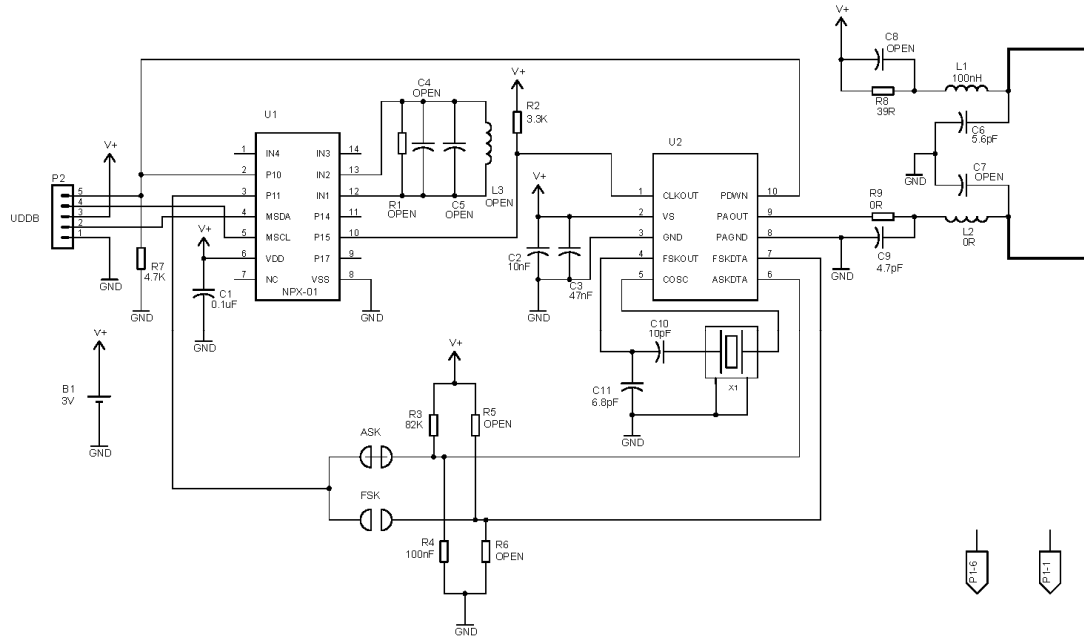
Transmission interval (15 seconds)
using a Tektronix TDS1002 oscilloscope

3.0 Scope capture of typical transmission:



Typical transmission
using a Tektronix TDS1002 oscilloscope

4.0 Schematic:



11/25/2008 08:20:00p f=0.98 C:\Program Files\EAGLE-4.11r2\projects\NPX-1\ntp1_rev_B.sch (Sheet: 1/1)

5.0 Parts list:

QTY	LOCATION	DESCRIPTION	MANUFACTURER	PART NUMBER
0		SCHEMATIC	NA	NPX_TX_VES
1		PCB	TBD	NPX_TX_VES
1	BAT1	BATTERY HOLDER	KEYSTONE ELECTRONICS	3002
1	BAT1	BATTERY CR2032	PANASONIC BSG	CR2032
1	C1	CAPACITOR, 0.1uF, X7R, +/-10%, SM0603	KEMET	C0603C104K4RACTU
0	C8	OPEN		
1	C3	CAPACITOR, 47nF, X7R, +/-10%, SM0603	PANASONIC-ECG	ECJ-1VB1C473K
0	C4	CAPACITOR, 680pF, COG, +/-1%, SM0603	TDK	C1608C0G1H681J
0	C5	CAPACITOR, 150pF, COG, +/-1%, SM0603	TDK	C1608C0G1H151J
1	C6	CAPACITOR, 5.6pF, COG, +/-0.1pF, SM0603	ROHM	MCH185A5R6DK
0	C7	OPEN		
1	C2	CAPACITOR, 10nF, X7R, +/-10%, SM0603	PANASONIC-ECG	ECJ-1VB1C103K
1	C9	CAPACITOR, 4.7pF, COG, +/-0.1pF, SM0603	AVX	06035J4R7B8TTR
1	C10	CAPACITOR, 10pF, COG, +/-1%, SM0603	PANASONIC-ECG	ECJ-1VC1H100D
1	C11	CAPACITOR, 6.8pF, COG, +/-0.1pF, SM0603	ROHM	MCH185A6R8DK
1	L1	INDUCTOR, 100nH, SM0603, +/-2%	PANASONIC-ECG	ELJ-RER10GF3
1	L2	0 OHM JUMPER, SM0603	ROHM	MCR03EZPJ000
0	L3	COIL, 125KHz, RFID	COILCRAFT	4308RV-295XGLD
0	P1	HEADER, 1x5x.1	SULLINS	PTC05SAAN
0	R1	RESISTOR, 100K, +/-1%, SM0603	ROHM	MCR03EZPFX1003
1	R2	RESISTOR, 3.3K, +/-1%, SM0603	ROHM	MCR03EZPFX3301
1	R7	RESISTOR, 4.7K, +/-1%, SM0603	ROHM	MCR03EZPFX4701
0	R3	RESISTOR, 82K, +/-1%, SM0603	ROHM	MCR03EZPFX8202
1	R4	CAPACITOR, 100nF, X7R, +/-10%, SM0603	KEMET	C0603C104K4RACTU
0	R5	OPEN		
0	R6	OPEN		
1	R8	RESISTOR, 39 OHM, +/-1%, SM0603	ROHM	MCR03EZPFX39R0
1	R9	0 OHM JUMPER, SM0603	ROHM	MCR03EZPJ000
1	U1	IC, MICROPROCESSOR, NPX-1	GE/PHILLIPS	NPX-C01783
1	U2	IC, 434 MHz TRANSMITTER	INFINEON	TDK5100F
0	X1	CRYSTAL, 13.56MHz	TOKYO DENPA	TSS-3B 13.56 MHz
1	X1	CRYSTAL, 13.56MHz	QVS	QCM45-21AFT10-13.56 MHz