

TEST REPORT

Report Number: 100165617ATL-002

August 17, 2010

Product Designation: XSN1

Standard: FCC Part 15, Subpart C, Intentional Radiators (15.239)
RSS-210, Issue 7 (Annex A2.8)

Tested by:

Intertek Testing Services NA Inc.
1950 Evergreen Blvd., Suite 100
Duluth, GA 30096

Client:

SIRIUS XM Satellite Radio
1500 Eckington PL NE
Washington, DC 20002
Contact: Beejay Jolayemi
Phone: 202.380.5126
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Tests performed by:



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Report reviewed by:



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EMC Department Manager

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1.0 Introduction and Conclusion

The tests indicated in section 2.0 were performed on the product constructed as described in section 3.0. The remaining test sections are the verbatim text from the actual data sheets used during the investigation. These test sections include the test name, the specified test Method, a list of the actual Test Equipment Used, documentation Photos, Results and raw Data. No additions, deviations, or exclusions have been made from the standard(s) unless specifically noted.

Based on the results of our investigation, we have concluded the product tested complies with the requirements of the standard(s) indicated. The results obtained in this test report pertain only to the item(s) tested.

2.0 Test Summary

Section	Test Full Name	Test Date	Result
4.0	System setup including cable interconnection details, support equipment and simplified block diagram. (System Setup)		
5.0	Transmitter Information for equipment operating under Parts 11, 15 and 18 of the rules (Transmitter Info - Unlicensed)	08/12/2010	
6.0	§ 15.239(b) / (c) Field strength requirements - Small vehicle (FCC 15C - 15.239 (b))	07/30/2010	PASS
7.0	§ 15.239(b) / (c) Field strength requirements - Medium vehicle (FCC 15C - 15.239 (b))	07/15/2010	PASS
8.0	§ 15.239(b) / (c) Field strength requirements - Large vehicle (FCC 15C - 15.239 (b))	08/02/2010	PASS
9.0	Revision History (Revision History)		

3.0 Description of Equipment Under Test

Equipment Under Test			
Description	Manufacturer	Model Number	Serial Number
Really Simple Radio (RSR)	SIRIUS XM Satellite Radio	XSN1	None

EUT receive date:	July 30, 2010
EUT receive condition:	Good

Description of EUT provided by Client:

The EUT is a portable satellite radio which retransmits the received satellite signal in the FM band which is then received by the vehicle's FM radio.

Description of EUT exercising:

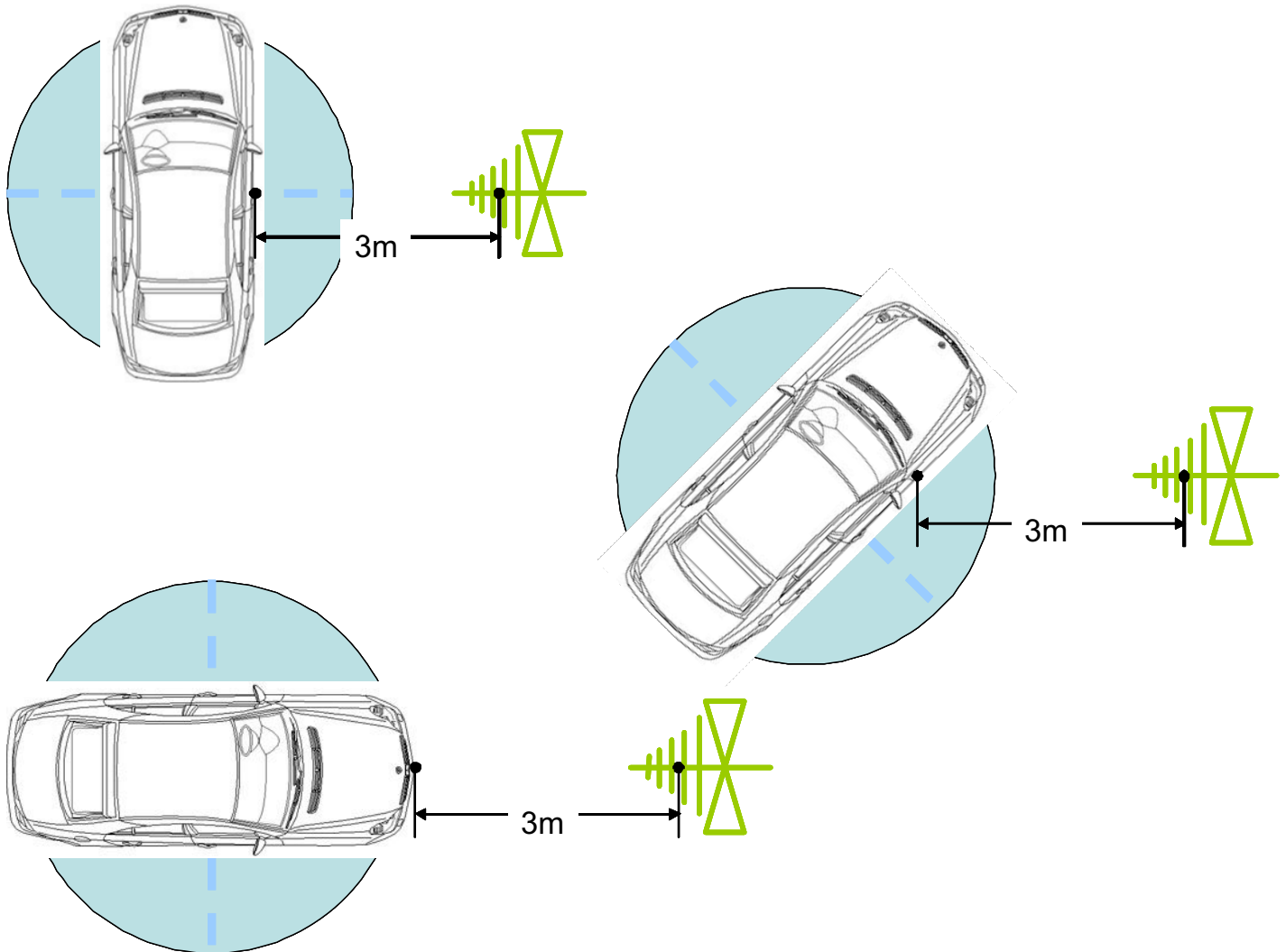
The EUT is powered with the 12Vdc power supplied by the vehicle and tested in 3 channels. The radio's output power was set to maximum. For the purpose of this evaluation modulation was not applied.

4.0 System setup including cable interconnection details, support equipment and simplified block diagram. (System Setup)

Method:

Record the details of EUTcabling, document the support equipment, and show the interconnections in a block diagram.

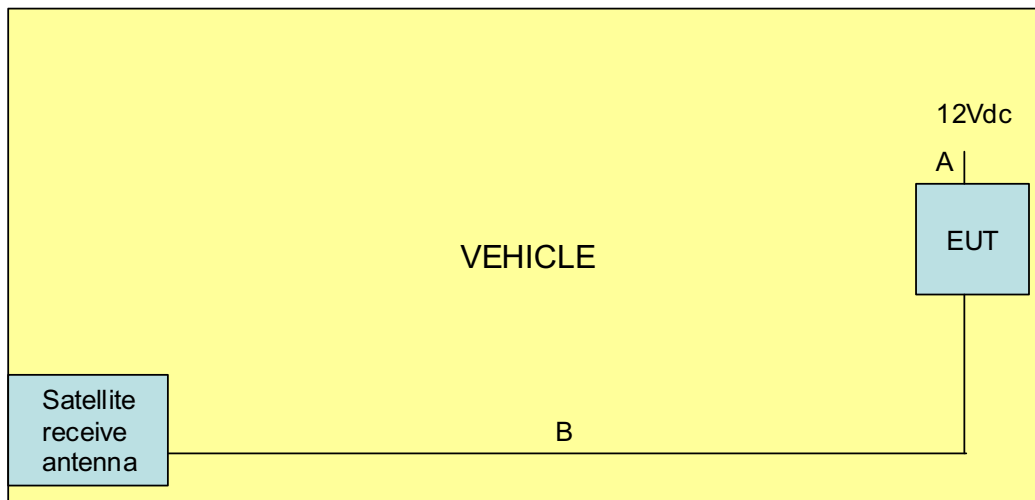
Drawing:



Setup Block Diagram

4.0 System setup including cable interconnection details, support equipment and simplified block diagram. (System Setup)

Drawing:



EUT Block Diagram

Data:

4.0 System setup including cable interconnection details, support equipment and simplified block diagram. (System Setup)

EUT Cabling						
ID	Description	Length	Shielding	Ferrites	Connection	
					From	To
A	12VDC	±1m	No	No	EUT	Vehicle DC output
B	Satellite receiver	±5m	No	No	EUT	Satellite receiver

Support Equipment			
Description	Manufacturer	Model Number	Serial Number
Satellite receiver	Sirius XM	NA	NA

5.0 Transmitter Information for equipment operating under Parts 11, 15 and 18 of the rules (Transmitter Info - Unlicensed)

Method:

Data:

FCC Rule Part			
2.1033(b)(1)	Applicant	Company Name:	Sirius XM Satellite Radio, Inc.
		Address:	3161 S.W. 10th Street, Deerfield Beach, FL 33442
		Phone:	202-680-4288
		Contact Name:	Beejay Jolayemi
	Manufacturer	Company Name:	Same
		Address:	Same
		Phone:	Same
		Contact Name:	Same
2.1033(b)(2)	Equipment	FCC ID:	RS2XSN1
		EUT Model Number:	XSN1
		EUT Serial Number:	Not labeled
2.1033(b)(3)		User Manual	Attach as separate exhibit.
2.1033(b)(4)		Brief description of circuit functions	Attach as separate exhibit.
2.1033(b)(5)		Block diagram showing frequency of oscillators	Attach as separate exhibit.
2.1033(b)(6)		Test report	Incorporated with this document

6.0 § 15.239(b) / (c) Field strength requirements - Small vehicle (FCC 15C - 15.239 (b))**Method:****TEST REQUIREMENT**

The field strength of any emissions within the permitted 200 kHz band shall not exceed 250 microvolts/meter at 3 meters. The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in §15.35 for limiting peak emissions apply.

TEST PROCEDURE:

- EUT connected to the vehicle's CLA socket by its PowerConnect plug module, supplying the EUT with 5V for each of the three sized vehicles used (i.e. small, medium and large.)
- EUT connected to a satellite antenna which mounted at the rear of the vehicle's roof
- Vehicle cradle connected to the satellite antenna which is mounted on the roof at the rear of the vehicle.
- Measurement antenna maintains a distance of 3 meters from the surface of the vehicle.
- At each emission peak, the antenna height was be adjusted from 1 to 4 meters to maximize the emissions.
- Testing should be performed with the receive antenna positioned both vertically and horizontally.
- All peak measurements should be performed with the RBW set to 120KHz and the VBW set to 300KHz; then with the VBW set to 100Hz for average measurements.
- EUT should be configured to receive live Sirius XM broadcast channels.
- EUT should be configured for Max audio output levels.
- The process described above should be repeated for each position of the vehicle (i.e. 0°, 45°, 90°, 135°, 180°, 225°, 270° & 315°) at a low, mid and high frequency of the FM band

TEST SITE

The test site is a 10 meter semi-anechoic chamber located at 1950 Evergreen Blvd, Suite 100, Duluth, GA 30096. This site is accredited by A2LA (see <http://www.a2la.org/scopepdf/1455-01.pdf>) and listed by the FCC. The test site number for Industry Canada is 2042J-1.

MEASUREMENT UNCERTAINTY

Compliance of the product is based on the measured value. However, the measurement uncertainty is included for informational purposes. The values given are the measurement uncertainty values with an expanded uncertainty of k=2.

- 30 MHz to 1000 MHz at 3 meters: +/- 3.9 dB
- 30 MHz to 1000 MHz at 10 meters: +/- 3.6 dB
- 1 GHz to 18 GHz at 3 meters: +/- 4.2 dB

Test Equipment Used:

Description:	Manufacturer:	Model:	Asset Number:	Cal Date:	Cal Due:
Antenna, BiLog, 20-2000MHz	Chase	CBL6112B	211386	10/02/2009	10/02/2010
Cable E201, 18 GHz, N, 3m	Megaphase	TM18 NKNK 118	E201	02/02/2010	02/02/2011
Cable MP3, 18 GHz, N, 10m	Megaphase	G919-NKNK-394	MP3	05/04/2010	05/04/2011
Cable, 7 meters, 1-18GHz	Storm Products Co.	PR90-195-7MTR	ST-3	08/18/2009	08/18/2010
Cable, N-N 3 meters, 18GHz	Megaphase	TM18 NKNK 118	E203	05/04/2010	05/04/2011
Excel spreadsheet for radiated emissions	Software	Excel - RE Worksh	SW004	12/09/2009	12/09/2010
Preamplifier, 10 MHz to 2000 MHz, 27 dB gain	Mini-Circuits	ZKL-2	200074	09/17/2009	09/17/2010

Results: The sample tested was found to Comply.

Data:

6.0 § 15.239(b) / (c) Field strength requirements - Small vehicle (FCC 15C - 15.239 (b))

Date: 7/15/2010

Frequency Range (MHz): 88-108

Test Distance (m): 3

Input power: 12VDC

Limit: 15_239-3m / RSS-210

Modifications for compliance (y/n): n

A	B	C	D	E	F	G	H	I	J	J
Ant. Pol. (V/H)	Frequency MHz	Reading dB(uV)	Antenna Factor dB(1/m)	Cable Loss dB	Pre-amp Factor dB	Net dB(uV/m)	3m Limit dB(uV/m)	Margin dB	Azimuth	Detectors / Bandwidths Det/RBW/VBW
Low Channel										
V	88.100	51.9	8.9	2.1	28.1	34.8	68.0	-33.2	0	Pk/120k/300k
V	88.100	51.3	8.9	2.1	28.1	34.2	48.0	-13.8	0	Av/120k/1.6Hz
H	88.100	46.0	9.1	2.1	28.1	29.1	68.0	-38.9	0	Pk/120k/300k
H	88.100	44.6	9.1	2.1	28.1	27.7	48.0	-20.3	0	Av/120k/1.6Hz
V	88.100	48.5	8.9	2.1	28.1	31.4	68.0	-36.6	45	Pk/120k/300k
V	88.100	47.4	8.9	2.1	28.1	30.3	48.0	-17.7	45	Av/120k/1.6Hz
H	88.100	52.5	9.1	2.1	28.1	35.6	68.0	-32.4	45	Pk/120k/300k
H	88.100	51.6	9.1	2.1	28.1	34.7	48.0	-13.3	45	Av/120k/1.6Hz
V	88.100	52.9	8.9	2.1	28.1	35.8	68.0	-32.2	90	Pk/120k/300k
V	88.100	51.9	8.9	2.1	28.1	34.8	48.0	-13.2	90	Av/120k/1.6Hz
H	88.100	46.3	9.1	2.1	28.1	29.4	68.0	-38.6	90	Pk/120k/300k
H	88.100	44.9	9.1	2.1	28.1	28.0	48.0	-20.0	90	Av/120k/1.6Hz
V	88.100	43.9	8.9	2.1	28.1	26.8	68.0	-41.2	135	Pk/120k/300k
V	88.100	42.3	8.9	2.1	28.1	25.2	48.0	-22.8	135	Av/120k/1.6Hz
H	88.100	44.1	9.1	2.1	28.1	27.2	68.0	-40.8	135	Pk/120k/300k
H	88.100	42.4	9.1	2.1	28.1	25.5	48.0	-22.5	135	Av/120k/1.6Hz
V	88.100	47.2	8.9	2.1	28.1	30.1	68.0	-37.9	180	Pk/120k/300k
V	88.100	45.9	8.9	2.1	28.1	28.8	48.0	-19.2	180	Av/120k/1.6Hz
H	88.100	47.9	9.1	2.1	28.1	31.0	68.0	-37.0	180	Pk/120k/300k
H	88.100	46.6	9.1	2.1	28.1	29.7	48.0	-18.3	180	Av/120k/1.6Hz
V	88.100	49.5	8.9	2.1	28.1	32.4	68.0	-35.6	225	Pk/120k/300k
V	88.100	48.6	8.9	2.1	28.1	31.5	48.0	-16.5	225	Av/120k/1.6Hz
H	88.100	50.0	9.1	2.1	28.1	33.1	68.0	-34.9	225	Pk/120k/300k
H	88.100	49.0	9.1	2.1	28.1	32.1	48.0	-15.9	225	Av/120k/1.6Hz
V	88.100	53.1	8.9	2.1	28.1	36.0	68.0	-32.0	270	Pk/120k/300k
V	88.100	52.1	8.9	2.1	28.1	35.0	48.0	-13.0	270	Av/120k/1.6Hz
H	88.100	48.8	9.1	2.1	28.1	31.9	68.0	-36.1	270	Pk/120k/300k
H	88.100	47.5	9.1	2.1	28.1	30.6	48.0	-17.4	270	Av/120k/1.6Hz
V	88.100	52.8	8.9	2.1	28.1	35.7	68.0	-32.3	315	Pk/120k/300k
V	88.100	51.9	8.9	2.1	28.1	34.8	48.0	-13.2	315	Av/120k/1.6Hz
H	88.100	44.6	9.1	2.1	28.1	27.7	68.0	-40.3	315	Pk/120k/300k
H	88.100	43.0	9.1	2.1	28.1	26.1	48.0	-21.9	315	Av/120k/1.6Hz
Calculations		G=C+D+E-F			I=G-H					

Test data - Low Channel

6.0 § 15.239(b) / (c) Field strength requirements - Small vehicle (FCC 15C - 15.239 (b))

Data:

Date: 7/15/2010

Frequency Range (MHz): 88-108

Test Distance (m): 3

Input power: 12VDC

Limit: 15_239-3m / RSS-210

Modifications for compliance (y/n): n

A	B	C	D	E	F	G	H	I	J	J
Ant. Pol. (V/H)	Frequency MHz	Reading dB(uV)	Antenna Factor dB(1/m)	Cable Loss dB	Pre-amp Factor dB	Net dB(uV/m)	3m Limit dB(uV/m)	Margin dB	Azimuth	Detectors / Bandwidths Det/RBW/VBW
Mid Channel										
V	96.900	54.6	10.4	2.2	28.0	39.1	68.0	-28.9	0	Pk/120k/300k
V	96.900	54.1	10.4	2.2	28.0	38.6	48.0	-9.4	0	Av/120k/1.6Hz
H	96.900	44.1	11.0	2.2	28.0	29.3	68.0	-38.7	0	Pk/120k/300k
H	96.900	42.8	11.0	2.2	28.0	28.0	48.0	-20.0	0	Av/120k/1.6Hz
V	96.900	41.9	10.4	2.2	28.0	26.4	68.0	-41.6	45	Pk/120k/300k
V	96.900	40.0	10.4	2.2	28.0	24.5	48.0	-23.5	45	Av/120k/1.6Hz
H	96.900	51.4	11.0	2.2	28.0	36.6	68.0	-31.4	45	Pk/120k/300k
H	96.900	50.8	11.0	2.2	28.0	36.0	48.0	-12.0	45	Av/120k/1.6Hz
V	96.900	42.7	10.4	2.2	28.0	27.2	68.0	-40.8	90	Pk/120k/300k
V	96.900	40.8	10.4	2.2	28.0	25.3	48.0	-22.7	90	Av/120k/1.6Hz
H	96.900	50.9	11.0	2.2	28.0	36.1	68.0	-31.9	90	Pk/120k/300k
H	96.900	50.2	11.0	2.2	28.0	35.4	48.0	-12.6	90	Av/120k/1.6Hz
V	96.900	51.4	10.4	2.2	28.0	35.9	68.0	-32.1	135	Pk/120k/300k
V	96.900	50.5	10.4	2.2	28.0	35.0	48.0	-13.0	135	Av/120k/1.6Hz
H	96.900	47.5	11.0	2.2	28.0	32.7	68.0	-35.3	135	Pk/120k/300k
H	96.900	46.3	11.0	2.2	28.0	31.5	48.0	-16.5	135	Av/120k/1.6Hz
V	96.900	51.6	10.4	2.2	28.0	36.1	68.0	-31.9	180	Pk/120k/300k
V	96.900	50.4	10.4	2.2	28.0	34.9	48.0	-13.1	180	Av/120k/1.6Hz
H	96.900	44.0	11.0	2.2	28.0	29.2	68.0	-38.8	180	Pk/120k/300k
H	96.900	42.3	11.0	2.2	28.0	27.5	48.0	-20.5	180	Av/120k/1.6Hz
V	96.900	53.9	10.4	2.2	28.0	38.4	68.0	-29.6	225	Pk/120k/300k
V	96.900	53.1	10.4	2.2	28.0	37.6	48.0	-10.4	225	Av/120k/1.6Hz
H	96.900	38.7	11.0	2.2	28.0	23.9	68.0	-44.1	225	Pk/120k/300k
H	96.900	35.9	11.0	2.2	28.0	21.1	48.0	-26.9	225	Av/120k/1.6Hz
V	96.900	48.5	10.4	2.2	28.0	33.0	68.0	-35.0	270	Pk/120k/300k
V	96.900	47.4	10.4	2.2	28.0	31.9	48.0	-16.1	270	Av/120k/1.6Hz
H	96.900	46.0	11.0	2.2	28.0	31.2	68.0	-36.8	270	Pk/120k/300k
H	96.900	45.6	11.0	2.2	28.0	30.8	48.0	-17.2	270	Av/120k/1.6Hz
V	96.900	51.7	10.4	2.2	28.0	36.2	68.0	-31.8	315	Pk/120k/300k
V	96.900	50.8	10.4	2.2	28.0	35.3	48.0	-12.7	315	Av/120k/1.6Hz
H	96.900	46.4	11.0	2.2	28.0	31.6	68.0	-36.4	315	Pk/120k/300k
H	96.900	45.0	11.0	2.2	28.0	30.2	48.0	-17.8	315	Av/120k/1.6Hz
Calculations		G=C+D+E-F		I=G-H						

Test data - Mid Channel

6.0 § 15.239(b) / (c) Field strength requirements - Small vehicle (FCC 15C - 15.239 (b))

Data:

Date: 7/15/2010

Frequency Range (MHz): 88-108

Test Distance (m): 3

Input power: 12VDC

Limit: 15_239-3m / RSS-210

Modifications for compliance (y/n): n

A	B	C	D	E	F	G	H	I	J	J
Ant. Pol. (V/H)	Frequency MHz	Reading dB(uV)	Antenna Factor dB(1/m)	Cable Loss dB	Pre-amp Factor dB	Net dB(uV/m)	3m Limit dB(uV/m)	Margin dB	Azimuth	Detectors / Bandwidths Det/RBW/VBW
High Channel										
V	107.900	57.2	12.1	2.3	28.1	43.6	68.0	-24.4	0	Pk/120k/300k
V	107.900	56.4	12.1	2.3	28.1	42.8	48.0	-5.2	0	Av/120k/1.6Hz
H	107.900	48.4	12.7	2.3	28.1	35.4	68.0	-32.6	0	Pk/120k/300k
H	107.900	47.4	12.7	2.3	28.1	34.4	48.0	-13.6	0	Av/120k/1.6Hz
V	107.900	53.9	12.1	2.3	28.1	40.3	68.0	-27.7	45	Pk/120k/300k
V	107.900	52.9	12.1	2.3	28.1	39.3	48.0	-8.7	45	Av/120k/1.6Hz
H	107.900	51.0	12.7	2.3	28.1	38.0	68.0	-30.0	45	Pk/120k/300k
H	107.900	49.9	12.7	2.3	28.1	36.9	48.0	-11.1	45	Av/120k/1.6Hz
V	107.900	47.8	12.1	2.3	28.1	34.2	68.0	-33.8	90	Pk/120k/300k
V	107.900	46.6	12.1	2.3	28.1	33.0	48.0	-15.0	90	Av/120k/1.6Hz
H	107.900	49.7	12.7	2.3	28.1	36.7	68.0	-31.3	90	Pk/120k/300k
H	107.900	48.7	12.7	2.3	28.1	35.7	48.0	-12.3	90	Av/120k/1.6Hz
V	107.900	51.0	12.1	2.3	28.1	37.4	68.0	-30.6	135	Pk/120k/300k
V	107.900	50.0	12.1	2.3	28.1	36.4	48.0	-11.6	135	Av/120k/1.6Hz
H	107.900	46.4	12.7	2.3	28.1	33.4	68.0	-34.6	135	Pk/120k/300k
H	107.900	45.2	12.7	2.3	28.1	32.2	48.0	-15.8	135	Av/120k/1.6Hz
V	107.900	52.0	12.1	2.3	28.1	38.4	68.0	-29.6	180	Pk/120k/300k
V	107.900	51.0	12.1	2.3	28.1	37.4	48.0	-10.6	180	Av/120k/1.6Hz
H	107.900	49.2	12.7	2.3	28.1	36.2	68.0	-31.8	180	Pk/120k/300k
H	107.900	48.1	12.7	2.3	28.1	35.1	48.0	-12.9	180	Av/120k/1.6Hz
V	107.900	51.7	12.1	2.3	28.1	38.1	68.0	-29.9	225	Pk/120k/300k
V	107.900	51.0	12.1	2.3	28.1	37.4	48.0	-10.6	225	Av/120k/1.6Hz
H	107.900	51.1	12.7	2.3	28.1	38.1	68.0	-29.9	225	Pk/120k/300k
H	107.900	50.1	12.7	2.3	28.1	37.1	48.0	-10.9	225	Av/120k/1.6Hz
V	107.900	50.2	12.1	2.3	28.1	36.6	68.0	-31.4	270	Pk/120k/300k
V	107.900	49.0	12.1	2.3	28.1	35.4	48.0	-12.6	270	Av/120k/1.6Hz
H	107.900	50.9	12.7	2.3	28.1	37.9	68.0	-30.1	270	Pk/120k/300k
H	107.900	49.8	12.7	2.3	28.1	36.8	48.0	-11.2	270	Av/120k/1.6Hz
V	107.900	51.2	12.1	2.3	28.1	37.6	68.0	-30.4	315	Pk/120k/300k
V	107.900	50.2	12.1	2.3	28.1	36.6	48.0	-11.4	315	Av/120k/1.6Hz
H	107.900	45.4	12.7	2.3	28.1	32.4	68.0	-35.6	315	Pk/120k/300k
H	107.900	44.0	12.7	2.3	28.1	31.0	48.0	-17.0	315	Av/120k/1.6Hz
Calculations		G=C+D+E-F		I=G-H						

Test data - High Channel

7.0 § 15.239(b) / (c) Field strength requirements - Medium vehicle (FCC 15C - 15.239 (b))**Method:**

Field strength measurements were taken as described in the previous section.

Test Equipment Used:

Description:	Manufacturer:	Model:	Asset Number:	Cal Date:	Cal Due:
Antenna, BiLog, 20-2000MHz	Chase	CBL6112B	211386	10/02/2009	10/02/2010
Cable E201, 18 GHz, N, 3m	Megaphase	TM18 NKNK 118	E201	02/02/2010	02/02/2011
Cable MP3, 18 GHz, N, 10m	Megaphase	G919-NKNK-394	MP3	05/04/2010	05/04/2011
Cable, 7 meters, 1-18GHz	Storm Products Co.	PR90-195-7MTR	ST-3	08/18/2009	08/18/2010
Cable, N-N 3 meters, 18GHz	Megaphase	TM18 NKNK 118	E203	05/04/2010	05/04/2011
EMI Receiver	Hewlett Packard	8546A	211505	02/02/2010	02/02/2011
EMI Receiver, Preselector section	Hewlett Packard	85460A	015762	02/02/2010	02/02/2011
Excel spreadsheet for radiated emissions	Software	Excel - RE Worksh	SW004	12/09/2009	12/09/2010
Preamplifier, 10 MHz to 2000 MHz, 27 dB gain	Mini-Circuits	ZKL-2	200074	09/17/2009	09/17/2010

Results: The sample tested was found to Comply.

Data:

7.0 § 15.239(b) / (c) Field strength requirements - Medium vehicle (FCC 15C - 15.239 (b))

Date: 7/15/2010

Frequency Range (MHz): 88-108

Test Distance (m): 3

Input power: 12VDC

Limit: 15_239-3m / RSS-210

Modifications for compliance (y/n): n

A	B	C	D	E	F	G	H	I	J	J
Ant. Pol. (V/H)	Frequency MHz	Reading dB(uV)	Antenna Factor dB(1/m)	Cable Loss dB	Pre-amp Factor dB	Net dB(uV/m)	3m Limit dB(uV/m)	Margin dB	Azimuth	Detectors / Bandwidths Det/RBW/VBW
Low Channel										
V	88.100	41.3	8.9	2.1	28.1	24.2	68.0	-43.8	0	Pk/120k/300k
V	88.100	38.8	8.9	2.1	28.1	21.7	48.0	-26.3	0	Av/120k/1.6Hz
H	88.100	47.5	9.1	2.1	28.1	30.6	68.0	-37.4	0	Pk/120k/300k
H	88.100	46.2	9.1	2.1	28.1	29.3	48.0	-18.7	0	Av/120k/1.6Hz
V	88.100	42.3	8.9	2.1	28.1	25.2	68.0	-42.8	45	Pk/120k/300k
V	88.100	40.2	8.9	2.1	28.1	23.1	48.0	-24.9	45	Av/120k/1.6Hz
H	88.100	42.9	9.1	2.1	28.1	26.0	68.0	-42.0	45	Pk/120k/300k
H	88.100	40.9	9.1	2.1	28.1	24.0	48.0	-24.0	45	Av/120k/1.6Hz
V	88.100	46.3	8.9	2.1	28.1	29.2	68.0	-38.8	90	Pk/120k/300k
V	88.100	44.8	8.9	2.1	28.1	27.7	48.0	-20.3	90	Av/120k/1.6Hz
H	88.100	33.6	9.1	2.1	28.1	16.7	68.0	-51.3	90	Pk/120k/300k
H	88.100	28.5	9.1	2.1	28.1	11.6	48.0	-36.4	90	Av/120k/1.6Hz
V	88.100	40.8	8.9	2.1	28.1	23.7	68.0	-44.3	135	Pk/120k/300k
V	88.100	38.0	8.9	2.1	28.1	20.9	48.0	-27.1	135	Av/120k/1.6Hz
H	88.100	40.8	9.1	2.1	28.1	23.9	68.0	-44.1	135	Pk/120k/300k
H	88.100	38.0	9.1	2.1	28.1	21.1	48.0	-26.9	135	Av/120k/1.6Hz
V	88.100	41.3	8.9	2.1	28.1	24.2	68.0	-43.8	180	Pk/120k/300k
V	88.100	36.8	8.9	2.1	28.1	19.7	48.0	-28.3	180	Av/120k/1.6Hz
H	88.100	46.8	9.1	2.1	28.1	29.9	68.0	-38.1	180	Pk/120k/300k
H	88.100	45.4	9.1	2.1	28.1	28.5	48.0	-19.5	180	Av/120k/1.6Hz
V	88.100	46.3	8.9	2.1	28.1	29.2	68.0	-38.8	225	Pk/120k/300k
V	88.100	44.6	8.9	2.1	28.1	27.5	48.0	-20.5	225	Av/120k/1.6Hz
H	88.100	46.6	9.1	2.1	28.1	29.7	68.0	-38.3	225	Pk/120k/300k
H	88.100	45.2	9.1	2.1	28.1	28.3	48.0	-19.7	225	Av/120k/1.6Hz
V	88.100	33.8	8.9	2.1	28.1	16.7	68.0	-51.3	270	Pk/120k/300k
V	88.100	27.4	8.9	2.1	28.1	10.3	48.0	-37.7	270	Av/120k/1.6Hz
H	88.100	46.1	9.1	2.1	28.1	29.2	68.0	-38.8	270	Pk/120k/300k
H	88.100	44.6	9.1	2.1	28.1	27.7	48.0	-20.3	270	Av/120k/1.6Hz
V	88.100	43.8	8.9	2.1	28.1	26.7	68.0	-41.3	315	Pk/120k/300k
V	88.100	42.1	8.9	2.1	28.1	25.0	48.0	-23.0	315	Av/120k/1.6Hz
H	88.100	47.2	9.1	2.1	28.1	30.3	68.0	-37.7	315	Pk/120k/300k
H	88.100	45.9	9.1	2.1	28.1	29.0	48.0	-19.0	315	Av/120k/1.6Hz
Calculations		G=C+D+E-F			I=G-H					

Test data - Low Channel

7.0 § 15.239(b) / (c) Field strength requirements - Medium vehicle (FCC 15C - 15.239 (b))

Data:

Date: 7/15/2010

Frequency Range (MHz): 88-108

Test Distance (m): 3

Input power: 12VDC

Limit: 15_239-3m / RSS-210

Modifications for compliance (y/n): n

A	B	C	D	E	F	G	H	I	J	J
Ant. Pol. (V/H)	Frequency MHz	Reading dB(uV)	Antenna Factor dB(1/m)	Cable Loss dB	Pre-amp Factor dB	Net dB(uV/m)	3m Limit dB(uV/m)	Margin dB	Azimuth	Detectors / Bandwidths Det/RBW/VBW
Mid Channel										
V	96.900	48.1	10.4	2.2	28.0	32.6	68.0	-35.4	0	Pk/120k/300k
V	96.900	47.0	10.4	2.2	28.0	31.5	48.0	-16.5	0	Av/120k/1.6Hz
H	96.900	43.9	11.0	2.2	28.0	29.1	68.0	-38.9	0	Pk/120k/300k
H	96.900	42.2	11.0	2.2	28.0	27.4	48.0	-20.6	0	Av/120k/1.6Hz
V	96.900	46.5	10.4	2.2	28.0	31.0	68.0	-37.0	45	Pk/120k/300k
V	96.900	44.7	10.4	2.2	28.0	29.2	48.0	-18.8	45	Av/120k/1.6Hz
H	96.900	46.8	11.0	2.2	28.0	32.0	68.0	-36.0	45	Pk/120k/300k
H	96.900	45.3	11.0	2.2	28.0	30.5	48.0	-17.5	45	Av/120k/1.6Hz
V	96.900	48.8	10.4	2.2	28.0	33.3	68.0	-34.7	90	Pk/120k/300k
V	96.900	47.6	10.4	2.2	28.0	32.1	48.0	-15.9	90	Av/120k/1.6Hz
H	96.900	40.6	11.0	2.2	28.0	25.8	68.0	-42.2	90	Pk/120k/300k
H	96.900	37.4	11.0	2.2	28.0	22.6	48.0	-25.4	90	Av/120k/1.6Hz
V	96.900	50.0	10.4	2.2	28.0	34.5	68.0	-33.5	135	Pk/120k/300k
V	96.900	48.7	10.4	2.2	28.0	33.2	48.0	-14.8	135	Av/120k/1.6Hz
H	96.900	35.0	11.0	2.2	28.0	20.2	68.0	-47.8	135	Pk/120k/300k
H	96.900	30.3	11.0	2.2	28.0	15.5	48.0	-32.5	135	Av/120k/1.6Hz
V	96.900	51.7	10.4	2.2	28.0	36.2	68.0	-31.8	180	Pk/120k/300k
V	96.900	50.6	10.4	2.2	28.0	35.1	48.0	-12.9	180	Av/120k/1.6Hz
H	96.900	41.0	11.0	2.2	28.0	26.2	68.0	-41.8	180	Pk/120k/300k
H	96.900	38.4	11.0	2.2	28.0	23.6	48.0	-24.4	180	Av/120k/1.6Hz
V	96.900	44.2	10.4	2.2	28.0	28.7	68.0	-39.3	225	Pk/120k/300k
V	96.900	42.4	10.4	2.2	28.0	26.9	48.0	-21.1	225	Av/120k/1.6Hz
H	96.900	47.1	11.0	2.2	28.0	32.3	68.0	-35.7	225	Pk/120k/300k
H	96.900	45.7	11.0	2.2	28.0	30.9	48.0	-17.1	225	Av/120k/1.6Hz
V	96.900	42.8	10.4	2.2	28.0	27.3	68.0	-40.7	270	Pk/120k/300k
V	96.900	40.8	10.4	2.2	28.0	25.3	48.0	-22.7	270	Av/120k/1.6Hz
H	96.900	41.8	11.0	2.2	28.0	27.0	68.0	-41.0	270	Pk/120k/300k
H	96.900	39.7	11.0	2.2	28.0	24.9	48.0	-23.1	270	Av/120k/1.6Hz
V	96.900	39.6	10.4	2.2	28.0	24.1	68.0	-43.9	315	Pk/120k/300k
V	96.900	36.5	10.4	2.2	28.0	21.0	48.0	-27.0	315	Av/120k/1.6Hz
H	96.900	44.6	11.0	2.2	28.0	29.8	68.0	-38.2	315	Pk/120k/300k
H	96.900	42.8	11.0	2.2	28.0	28.0	48.0	-20.0	315	Av/120k/1.6Hz
Calculations		G=C+D+E-F		I=G-H						

Test data - Mid Channel

7.0 § 15.239(b) / (c) Field strength requirements - Medium vehicle (FCC 15C - 15.239 (b))

Data:

Date: 7/15/2010

Frequency Range (MHz): 88-108

Test Distance (m): 3

Input power: 12VDC

Limit: 15_239-3m / RSS-210

Modifications for compliance (y/n): n

A	B	C	D	E	F	G	H	I	J	J
Ant. Pol. (V/H)	Frequency MHz	Reading dB(uV)	Antenna Factor dB(1/m)	Cable Loss dB	Pre-amp Factor dB	Net dB(uV/m)	3m Limit dB(uV/m)	Margin dB	Azimuth	Detectors / Bandwidths Det/RBW/VBW
High Channel										
V	107.900	44.8	12.1	2.3	28.1	31.2	68.0	-36.8	0	Pk/120k/300k
V	107.900	43.2	12.1	2.3	28.1	29.6	48.0	-18.4	0	Av/120k/1.6Hz
H	107.900	37.9	12.7	2.3	28.1	24.9	68.0	-43.1	0	Pk/120k/300k
H	107.900	34.5	12.7	2.3	28.1	21.5	48.0	-26.5	0	Av/120k/1.6Hz
V	107.900	48.0	12.1	2.3	28.1	34.4	68.0	-33.6	45	Pk/120k/300k
V	107.900	46.6	12.1	2.3	28.1	33.0	48.0	-15.0	45	Av/120k/1.6Hz
H	107.900	35.7	12.7	2.3	28.1	22.7	68.0	-45.3	45	Pk/120k/300k
H	107.900	30.9	12.7	2.3	28.1	17.9	48.0	-30.1	45	Av/120k/1.6Hz
V	107.900	50.8	12.1	2.3	28.1	37.2	68.0	-30.8	90	Pk/120k/300k
V	107.900	49.8	12.1	2.3	28.1	36.2	48.0	-11.8	90	Av/120k/1.6Hz
H	107.900	35.9	12.7	2.3	28.1	22.9	68.0	-45.1	90	Pk/120k/300k
H	107.900	31.3	12.7	2.3	28.1	18.3	48.0	-29.7	90	Av/120k/1.6Hz
V	107.900	52.0	12.1	2.3	28.1	38.4	68.0	-29.6	135	Pk/120k/300k
V	107.900	50.7	12.1	2.3	28.1	37.1	48.0	-10.9	135	Av/120k/1.6Hz
H	107.900	48.3	12.7	2.3	28.1	35.3	68.0	-32.7	135	Pk/120k/300k
H	107.900	47.0	12.7	2.3	28.1	34.0	48.0	-14.0	135	Av/120k/1.6Hz
V	107.900	51.1	12.1	2.3	28.1	37.5	68.0	-30.5	180	Pk/120k/300k
V	107.900	49.6	12.1	2.3	28.1	36.0	48.0	-12.0	180	Av/120k/1.6Hz
H	107.900	41.5	12.7	2.3	28.1	28.5	68.0	-39.5	180	Pk/120k/300k
H	107.900	39.1	12.7	2.3	28.1	26.1	48.0	-21.9	180	Av/120k/1.6Hz
V	107.900	47.8	12.1	2.3	28.1	34.2	68.0	-33.8	225	Pk/120k/300k
V	107.900	46.5	12.1	2.3	28.1	32.9	48.0	-15.1	225	Av/120k/1.6Hz
H	107.900	49.8	12.7	2.3	28.1	36.8	68.0	-31.2	225	Pk/120k/300k
H	107.900	48.7	12.7	2.3	28.1	35.7	48.0	-12.3	225	Av/120k/1.6Hz
V	107.900	46.6	12.1	2.3	28.1	33.0	68.0	-35.0	270	Pk/120k/300k
V	107.900	45.0	12.1	2.3	28.1	31.4	48.0	-16.6	270	Av/120k/1.6Hz
H	107.900	43.9	12.7	2.3	28.1	30.9	68.0	-37.1	270	Pk/120k/300k
H	107.900	41.6	12.7	2.3	28.1	28.6	48.0	-19.4	270	Av/120k/1.6Hz
V	107.900	44.9	12.1	2.3	28.1	31.3	68.0	-36.7	315	Pk/120k/300k
V	107.900	42.9	12.1	2.3	28.1	29.3	48.0	-18.7	315	Av/120k/1.6Hz
H	107.900	48.1	12.7	2.3	28.1	35.1	68.0	-32.9	315	Pk/120k/300k
H	107.900	46.6	12.7	2.3	28.1	33.6	48.0	-14.4	315	Av/120k/1.6Hz
Calculations		G=C+D+E-F		I=G-H						

Test data - High Channel

8.0 § 15.239(b) / (c) Field strength requirements - Large vehicle (FCC 15C - 15.239 (b))**Method:**

Field strength measurements were taken as described in the previous section.

Test Equipment Used:

Description:	Manufacturer:	Model:	Asset Number:	Cal Date:	Cal Due:
Antenna, BiLog, 20-2000MHz	Chase	CBL6112B	211386	10/02/2009	10/02/2010
Cable E201, 18 GHz, N, 3m	Megaphase	TM18 NKNK 118	E201	02/02/2010	02/02/2011
Cable MP3, 18 GHz, N, 10m	Megaphase	G919-NKNK-394	MP3	05/04/2010	05/04/2011
Cable, 7 meters, 1-18GHz	Storm Products Co.	PR90-195-7MTR	ST-3	08/18/2009	08/18/2010
Cable, N-N 3 meters, 18GHz	Megaphase	TM18 NKNK 118	E203	05/04/2010	05/04/2011
EMI Receiver	Hewlett Packard	8546A	211505	02/02/2010	02/02/2011
EMI Receiver, Preselector section	Hewlett Packard	85460A	015762	02/02/2010	02/02/2011
Excel spreadsheet for radiated emissions	Software	Excel - RE Worksh	SW004	12/09/2009	12/09/2010
Preamplifier, 10 MHz to 2000 MHz, 27 dB gain	Mini-Circuits	ZKL-2	200074	09/17/2009	09/17/2010

Results: The sample tested was found to Comply.

Data:

8.0 § 15.239(b) / (c) Field strength requirements - Large vehicle (FCC 15C - 15.239 (b))

Date: 9/2/2010

Test Distance (m): 3

Frequency Range (MHz): 88-108

Limit: 15_239-3m / RSS-210

Input power: 12VDC

Modifications for compliance (y/n): n

A	B	C	D	E	F	G	H	I	J	J
Ant. Pol. (V/H)	Frequency MHz	Reading dB(uV)	Antenna Factor dB(1/m)	Cable Loss dB	Pre-amp Factor dB	Net dB(uV/m)	3m Limit dB(uV/m)	Margin dB	Azimuth	Detectors / Bandwidths Det/RBW/VBW
Low Channel										
V	88.100	42.6	8.9	2.1	28.1	25.5	68.0	-42.5	0	Pk/120k/300k
V	88.100	38.9	8.9	2.1	28.1	21.8	48.0	-26.2	0	Av/120k/1.6Hz
H	88.100	33.4	9.1	2.1	28.1	16.5	68.0	-51.5	0	Pk/120k/300k
H	88.100	21.9	9.1	2.1	28.1	5.0	48.0	-43.0	0	Av/120k/1.6Hz
V	88.100	50.9	8.9	2.1	28.1	33.7	68.0	-34.3	45	Pk/120k/300k
V	88.100	40.0	8.9	2.1	28.1	22.9	48.0	-25.1	45	Av/120k/1.6Hz
H	88.100	51.0	9.1	2.1	28.1	34.1	68.0	-33.9	45	Pk/120k/300k
H	88.100	39.7	9.1	2.1	28.1	22.8	48.0	-25.2	45	Av/120k/1.6Hz
V	88.100	53.2	8.9	2.1	28.1	36.1	68.0	-31.9	90	Pk/120k/300k
V	88.100	44.3	8.9	2.1	28.1	27.2	48.0	-20.8	90	Av/120k/1.6Hz
H	88.100	50.4	9.1	2.1	28.1	33.5	68.0	-34.5	90	Pk/120k/300k
H	88.100	32.2	9.1	2.1	28.1	15.3	48.0	-32.7	90	Av/120k/1.6Hz
V	88.100	52.4	8.9	2.1	28.1	35.2	68.0	-32.8	135	Pk/120k/300k
V	88.100	44.0	8.9	2.1	28.1	26.9	48.0	-21.1	135	Av/120k/1.6Hz
H	88.100	52.4	9.1	2.1	28.1	35.5	68.0	-32.5	135	Pk/120k/300k
H	88.100	43.9	9.1	2.1	28.1	27.0	48.0	-21.0	135	Av/120k/1.6Hz
V	88.100	54.1	8.9	2.1	28.1	36.9	68.0	-31.1	180	Pk/120k/300k
V	88.100	45.9	8.9	2.1	28.1	28.7	48.0	-19.3	180	Av/120k/1.6Hz
H	88.100	51.5	9.1	2.1	28.1	34.6	68.0	-33.4	180	Pk/120k/300k
H	88.100	34.5	9.1	2.1	28.1	17.6	48.0	-30.4	180	Av/120k/1.6Hz
V	88.100	46.8	8.9	2.1	28.1	29.6	68.0	-38.4	225	Pk/120k/300k
V	88.100	44.5	8.9	2.1	28.1	27.4	48.0	-20.6	225	Av/120k/1.6Hz
H	88.100	46.4	9.1	2.1	28.1	29.5	68.0	-38.5	225	Pk/120k/300k
H	88.100	43.6	9.1	2.1	28.1	26.7	48.0	-21.3	225	Av/120k/1.6Hz
V	88.100	39.6	8.9	2.1	28.1	22.5	68.0	-45.5	270	Pk/120k/300k
V	88.100	34.1	8.9	2.1	28.1	16.9	48.0	-31.1	270	Av/120k/1.6Hz
H	88.100	41.5	9.1	2.1	28.1	24.6	68.0	-43.4	270	Pk/120k/300k
H	88.100	37.1	9.1	2.1	28.1	20.1	48.0	-27.9	270	Av/120k/1.6Hz
V	88.100	40.3	8.9	2.1	28.1	23.2	68.0	-44.8	315	Pk/120k/300k
V	88.100	34.2	8.9	2.1	28.1	17.1	48.0	-30.9	315	Av/120k/1.6Hz
H	88.100	46.4	9.1	2.1	28.1	29.5	68.0	-38.5	315	Pk/120k/300k
H	88.100	44.3	9.1	2.1	28.1	27.4	48.0	-20.6	315	Av/120k/1.6Hz
Calculations		G=C+D+E-F			I=G-H					

Test data - Low Channel

8.0 § 15.239(b) / (c) Field strength requirements - Large vehicle (FCC 15C - 15.239 (b))

Data:

Date: 9/2/2010

Test Distance (m): 3

Frequency Range (MHz): 88-108

Limit: 15_239-3m

Input power: 12VDC

Modifications for compliance (y/n): n

A	B	C	D	E	F	G	H	I	J	J
Ant. Pol. (V/H)	Frequency MHz	Reading dB(uV)	Antenna Factor dB(1/m)	Cable Loss dB	Pre-amp Factor dB	Net dB(uV/m)	3m Limit dB(uV/m)	Margin dB	Azimuth	Detectors / Bandwidths Det/RBW/VBW
Mid Channel										
V	96.900	43.0	10.4	2.2	28.0	27.5	68.0	-40.5	0	Pk/120k/300k
V	96.900	39.6	10.4	2.2	28.0	24.1	48.0	-23.9	0	Av/120k/1.6Hz
H	96.900	36.9	11.0	2.2	28.0	22.0	68.0	-46.0	0	Pk/120k/300k
H	96.900	29.1	11.0	2.2	28.0	14.2	48.0	-33.8	0	Av/120k/1.6Hz
V	96.900	41.5	10.4	2.2	28.0	26.0	68.0	-42.0	45	Pk/120k/300k
V	96.900	37.8	10.4	2.2	28.0	22.3	48.0	-25.7	45	Av/120k/1.6Hz
H	96.900	39.8	11.0	2.2	28.0	25.0	68.0	-43.0	45	Pk/120k/300k
H	96.900	32.8	11.0	2.2	28.0	17.9	48.0	-30.1	45	Av/120k/1.6Hz
V	96.900	50.3	10.4	2.2	28.0	34.8	68.0	-33.2	90	Pk/120k/300k
V	96.900	32.7	10.4	2.2	28.0	17.3	48.0	-30.7	90	Av/120k/1.6Hz
H	96.900	50.5	11.0	2.2	28.0	35.6	68.0	-32.4	90	Pk/120k/300k
H	96.900	34.1	11.0	2.2	28.0	19.2	48.0	-28.8	90	Av/120k/1.6Hz
V	96.900	51.9	10.4	2.2	28.0	36.4	68.0	-31.6	135	Pk/120k/300k
V	96.900	39.1	10.4	2.2	28.0	23.6	48.0	-24.4	135	Av/120k/1.6Hz
H	96.900	50.1	11.0	2.2	28.0	35.3	68.0	-32.7	135	Pk/120k/300k
H	96.900	35.8	11.0	2.2	28.0	21.0	48.0	-27.0	135	Av/120k/1.6Hz
V	96.900	50.5	10.4	2.2	28.0	35.0	68.0	-33.0	180	Pk/120k/300k
V	96.900	48.7	10.4	2.2	28.0	33.2	48.0	-14.8	180	Av/120k/1.6Hz
H	96.900	34.3	11.0	2.2	28.0	19.5	68.0	-48.5	180	Pk/120k/300k
H	96.900	26.8	11.0	2.2	28.0	11.9	48.0	-36.1	180	Av/120k/1.6Hz
V	96.900	45.4	10.4	2.2	28.0	29.9	68.0	-38.1	225	Pk/120k/300k
V	96.900	41.5	10.4	2.2	28.0	26.1	48.0	-21.9	225	Av/120k/1.6Hz
H	96.900	44.1	11.0	2.2	28.0	29.2	68.0	-38.8	225	Pk/120k/300k
H	96.900	40.2	11.0	2.2	28.0	25.4	48.0	-22.6	225	Av/120k/1.6Hz
V	96.900	45.1	10.4	2.2	28.0	29.6	68.0	-38.4	270	Pk/120k/300k
V	96.900	41.9	10.4	2.2	28.0	26.4	48.0	-21.6	270	Av/120k/1.6Hz
H	96.900	40.1	11.0	2.2	28.0	25.2	68.0	-42.8	270	Pk/120k/300k
H	96.900	33.8	11.0	2.2	28.0	18.9	48.0	-29.1	270	Av/120k/1.6Hz
V	96.900	37.3	10.4	2.2	28.0	21.8	68.0	-46.2	315	Pk/120k/300k
V	96.900	31.9	10.4	2.2	28.0	16.4	48.0	-31.6	315	Av/120k/1.6Hz
H	96.900	42.4	11.0	2.2	28.0	27.5	68.0	-40.5	315	Pk/120k/300k
H	96.900	37.9	11.0	2.2	28.0	23.1	48.0	-24.9	315	Av/120k/1.6Hz
Calculations		G=C+D+E-F			I=G-H					

Test data - Mid Channel

8.0 § 15.239(b) / (c) Field strength requirements - Large vehicle (FCC 15C - 15.239 (b))

Data:

Date: 9/2/2010

Test Distance (m): 3

Frequency Range (MHz): 88-108

Limit: 15_239-3m

Input power: 12VDC

Modifications for compliance (y/n): n

A	B	C	D	E	F	G	H	I	J	J
Ant. Pol. (V/H)	Frequency MHz	Reading dB(uV)	Antenna Factor dB(1/m)	Cable Loss dB	Pre-amp Factor dB	Net dB(uV/m)	3m Limit dB(uV/m)	Margin dB	Azimuth	Detectors / Bandwidths Det/RBW/VBW
High Channel										
V	107.900	43.4	12.1	2.3	28.1	29.8	68.0	-38.2	0	Pk/120k/300k
V	107.900	38.6	12.1	2.3	28.1	25.0	48.0	-23.0	0	Av/120k/1.6Hz
H	107.900	40.1	12.7	2.3	28.1	27.1	68.0	-40.9	0	Pk/120k/300k
H	107.900	35.1	12.7	2.3	28.1	22.1	48.0	-25.9	0	Av/120k/1.6Hz
V	107.900	43.6	12.1	2.3	28.1	30.0	68.0	-38.0	45	Pk/120k/300k
V	107.900	40.9	12.1	2.3	28.1	27.3	48.0	-20.7	45	Av/120k/1.6Hz
H	107.900	47.4	12.7	2.3	28.1	34.3	68.0	-33.7	45	Pk/120k/300k
H	107.900	45.1	12.7	2.3	28.1	32.1	48.0	-15.9	45	Av/120k/1.6Hz
V	107.900	47.4	12.1	2.3	28.1	33.8	68.0	-34.2	90	Pk/120k/300k
V	107.900	43.2	12.1	2.3	28.1	29.6	48.0	-18.4	90	Av/120k/1.6Hz
H	107.900	45.3	12.7	2.3	28.1	32.3	68.0	-35.7	90	Pk/120k/300k
H	107.900	42.7	12.7	2.3	28.1	29.7	48.0	-18.3	90	Av/120k/1.6Hz
V	107.900	52.9	12.1	2.3	28.1	39.3	68.0	-28.7	135	Pk/120k/300k
V	107.900	44.3	12.1	2.3	28.1	30.6	48.0	-17.4	135	Av/120k/1.6Hz
H	107.900	40.5	12.7	2.3	28.1	27.5	68.0	-40.5	135	Pk/120k/300k
H	107.900	36.3	12.7	2.3	28.1	23.3	48.0	-24.7	135	Av/120k/1.6Hz
V	107.900	40.1	12.1	2.3	28.1	26.4	68.0	-41.6	180	Pk/120k/300k
V	107.900	31.2	12.1	2.3	28.1	17.6	48.0	-30.4	180	Av/120k/1.6Hz
H	107.900	38.6	12.7	2.3	28.1	25.6	68.0	-42.4	180	Pk/120k/300k
H	107.900	32.4	12.7	2.3	28.1	19.4	48.0	-28.6	180	Av/120k/1.6Hz
V	107.900	45.9	12.1	2.3	28.1	32.3	68.0	-35.7	225	Pk/120k/300k
V	107.900	42.9	12.1	2.3	28.1	29.3	48.0	-18.7	225	Av/120k/1.6Hz
H	107.900	45.7	12.7	2.3	28.1	32.7	68.0	-35.3	225	Pk/120k/300k
H	107.900	42.6	12.7	2.3	28.1	29.6	48.0	-18.4	225	Av/120k/1.6Hz
V	107.900	46.2	12.1	2.3	28.1	32.6	68.0	-35.4	270	Pk/120k/300k
V	107.900	43.7	12.1	2.3	28.1	30.0	48.0	-18.0	270	Av/120k/1.6Hz
H	107.900	45.4	12.7	2.3	28.1	32.3	68.0	-35.7	270	Pk/120k/300k
H	107.900	42.7	12.7	2.3	28.1	29.7	48.0	-18.3	270	Av/120k/1.6Hz
V	107.900	39.4	12.1	2.3	28.1	25.8	68.0	-42.2	315	Pk/120k/300k
V	107.900	33.1	12.1	2.3	28.1	19.5	48.0	-28.5	315	Av/120k/1.6Hz
H	107.900	47.0	12.7	2.3	28.1	33.9	68.0	-34.1	315	Pk/120k/300k
H	107.900	44.4	12.7	2.3	28.1	31.4	48.0	-16.6	315	Av/120k/1.6Hz
Calculations		G=C+D+E-F			I=G-H					

Test data - High Channel

9.0 Revision History (Revision History)

Method:

Document the history of the report.

Data:

Revision Level	Date	Report Number	Notes
Original issue	August 13, 2010	100165617ATL-002	--
1	August 17, 2010	100165617ATL-002	Corrected radiated emissions test procedure.