

Technical Information

APPLICANT	MANUFACTURER
Name: <u>Innotech Systems, Inc.</u>	Name: <u>Innotech Systems, Inc.</u>
Address: <u>320 Main St.</u>	Address: <u>320 Main St</u>
City, State, Zip: <u>Port Jefferson NY 11777</u>	City, State, Zip: <u>Port Jefferson NY 11777</u>

Date of Report: June 30, 2010

TEST SPECIFICATION: FCC Rules and Regulations Part 15, Subpart C, Section 15.249

TEST PROCEDURE: ANSI C63.4:2003

TEST SAMPLE DESCRIPTION

Test Sample: FOB Interface Module (FIM)
 Brandname(s): Mr. Steam
 Model(s): Not Applicable
 FCC ID: KSK-104059
 Type: Frequency Modulated Transceiver
 Power Requirements: 5 VDC derived from controller circuit board
 Frequency Of Operation: 914.0 MHz
 Applicable Rule Section: Part 15, Subpart C, Section 15.249

TESTS PERFORMED

FCC Paragraph	Test Method	Testing Date(s)
Transmitter		
15.207(a)	Conducted Emissions	January 15, 2010
15.249(d)/15.209	Radiated Emissions, Spurious Case	January 19, 2010
15.249(a)	Radiated Emissions, Fundamental and Harmonics	January 14, 2010
15.249(a)	Occupied Bandwidth	January 19, 2010
Receiver		
15.107(a)	Conducted Emissions	January 15, 2010
15.109(a)	Radiated Emissions	January 19, 2010

TEST RESULTS

Transmitter:

- 15.203: The intentional radiator is designed to ensure that no antenna other than that furnished by the applicant can be used with the device.
- 15.207 (a): The radio frequency voltage that was conducted back on to the AC power line on any frequency/frequencies within the bandwidth of 150 kHz to 30 MHz did not exceed Class B limits as specified in CISPR 22.
- 15.249 (a): The unit operates in 902 MHz to 928 MHz band.
The field strength of the fundamental did not exceed 50 mV/M average.
The field strength of the harmonics did not exceed 500 μ V/M averages.
- 15.249 (b): Field strength readings were taken at 3 meters unless otherwise noted.
- 15.249 (c): Emissions radiated outside the specified frequency band were attenuated in accordance with the general radiated emissions limits of 5.209.
- 15.249 (d): The peak field strength of any emission did not exceed the maximum permitted average field strength by more than 20 dB.

Receiver:

- 15.107 (a): The radio frequency voltage that was conducted back on to the AC power line on any frequency/frequencies within the bandwidth of 150 kHz to 30 MHz did not exceed Class B limits as specified in CISPR 22.
- 15.109(a): The field strength of spurious radiated emissions did not exceed Class B limits specified in paragraph 15.109(a).

SPECTRUM ANALYZER DESENSITIZATION CONSIDERATIONS

GENERAL NOTES

1. The AC input to the plug in transformer was varied from 85% to 115% of the rated input. Field strength measurements were taken with the AC input adjusted to produce maximum emissions.
2. The frequency range was scanned from 30 MHz to 10 GHz. All emissions not reported were more than 20 dB over the specified limit.
3. The Receiver was tested per "ANSI STANDARD C63.4-2003 12.1.1.2"
4. The unit operates at 914.0 MHz
5. The device was tested with the following components:
 - 120 VAC, 60 Hz to 24 VAC plug in transformer, model number: AC2410 (DV-2412A)
 - Controller circuit board, manufactured by Innotech, Part number: 103975, serial number: 080850101B
6. The device operates on 5 VDC derived from the controller circuit board
7. The controller circuit board operates on 24 VAC derived from the 120 VAC, 60 Hz to 24 VAC plug in transformer.

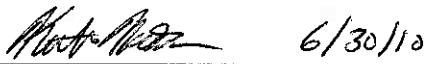
Certification and Signatures

We certify that this report is a true representation of the results obtained from the tests of the equipment stated. We further certify that the measurements shown in this report were made in accordance with the procedures indicated and vouch for the qualifications of all Retlif Testing Laboratories personnel taking them.



Donald C. Lerner

Donald C. Lerner
EMC Test Engineer
NVLAP Approved Signatory



Keith McDonald

Keith McDonald
EMC Laboratory Supervisor

Non-Warranty Provision

The testing services have been performed, findings obtained and reports prepared in accordance with generally accepted laboratory principles and practices. This warranty is in lieu of all others, either expressed or implied.

Non-Endorsement

This test report contains only findings and results arrived at after employing the specific test procedures and standards listed herein. It is not intended to constitute a recommendation, endorsement or certification of the product or material tested. This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

Equipment List

Conducted Emissions

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due Date
078	LISN	Solar Electronics	10 kHz - 30 MHz	8028-50-TS24BNC	5/29/2009	5/29/2010
079	LISN	Solar Electronics	10 kHz - 30 MHz	8028-50-TS24BNC	5/27/2008	5/27/2010
1377	10 dB Atten. / 20W	Narda	DC - 11 GHz	768-10	8/4/2009	8/4/2010
520H	Digital Multimeter	Wavetek	N/A	DM25XT	7/6/2009	7/6/2010
712	EMI Test Receiver	Rohde & Schwarz	20 Hz - 26.5 GHz	ESIB26	3/19/2009	3/19/2010

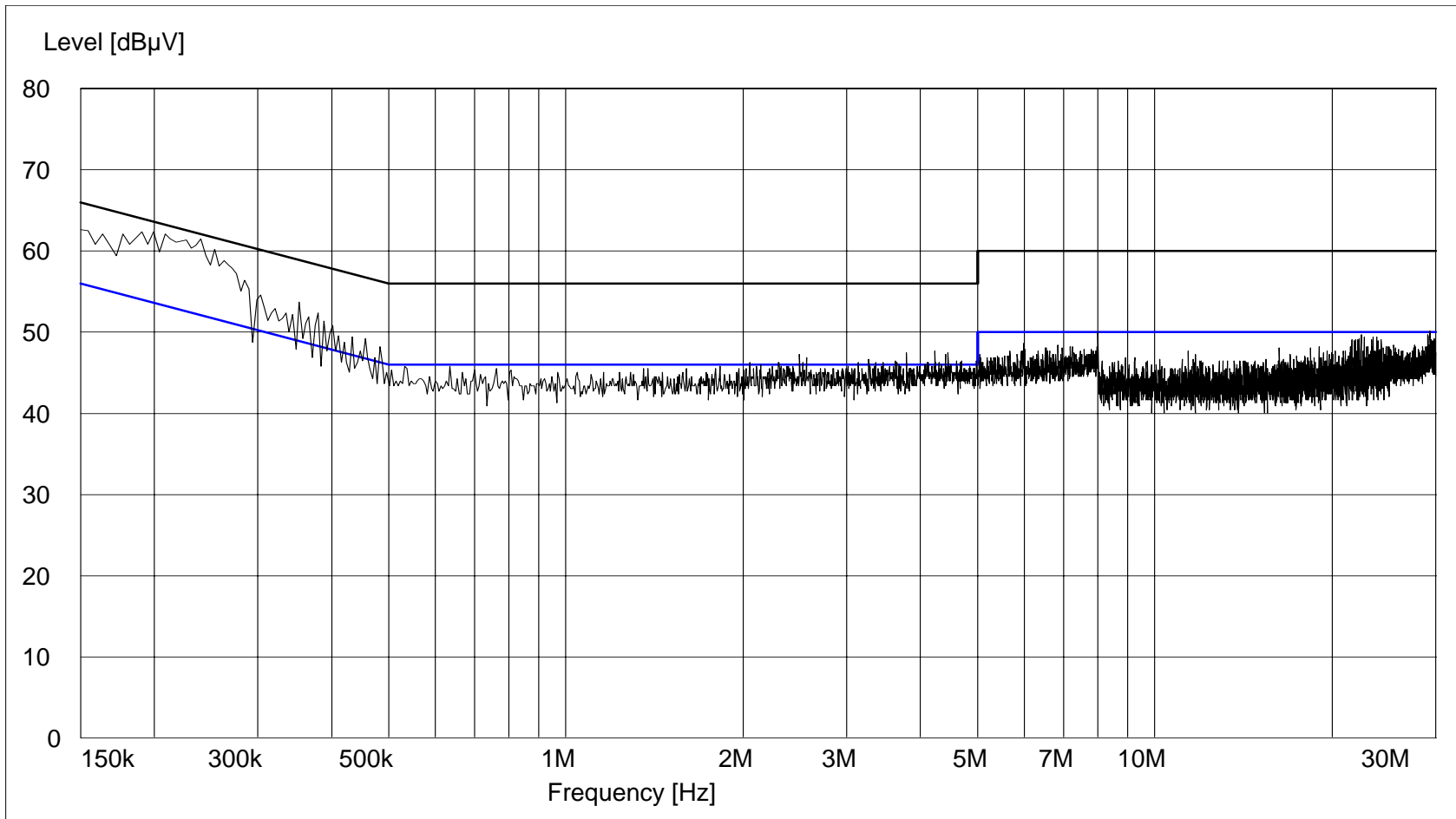
Fundamental Harmonics and Occupied Bandwidth

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due Date
067	Open Area Test Site	Retlif	3/10 Meter	RNY	6/1/2009	6/1/2010
1232	Preamplifier	Agilent	1 - 26.5GHz	8449B	3/17/2009	3/17/2010
128	Double Ridged Guide	Electro-Mechanics	1 GHz - 18 GHz	3105	2/23/2009	2/23/2010
133	Broadband Pre-Amplifier	Electro-Metrics	10 kHz - 1 GHz, 26dB	BPA-1000	5/6/2009	5/6/2010
141	Spectrum Analyzer	Hewlett Packard	100 Hz - 40 GHz	8566B	5/5/2009	5/5/2010
141B	Quasi-Peak Adaptor	Hewlett Packard	100 Hz - 1 GHz	85650A	5/5/2009	5/5/2010
206B	6.0 dB Attenuator	Texscan	0 - 1.0 GHz	FP-50 - 6 dB	5/6/2009	5/6/2010
512	Graphics Plotter	Hewlett Packard	N/A	7470A	10/1/2009	10/1/2010
523	Biconilog	Electro-Mechanics	26 - 2000 MHz	3142B	10/13/2009	10/13/2010

**FCC Part 15, Subpart C, Section 15.207(a), Conducted Emissions,
Power Leads,
150 kHz to 30 MHz
Test Data
Transmit Mode**

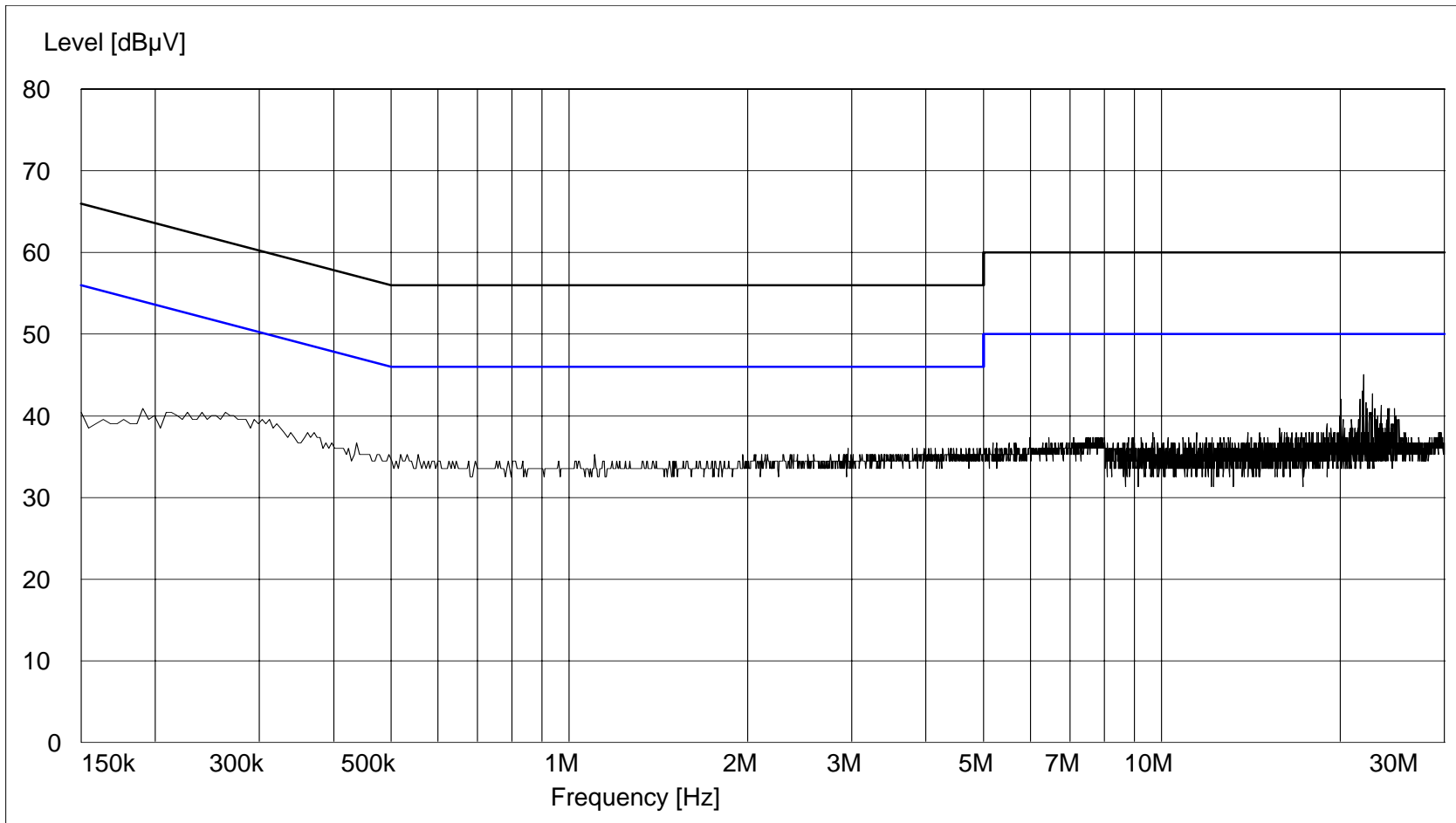
FCC Part 15, Conducted Emissions, 150 KHz to 30 MHz.

Customer: Innotech Systems, Inc.
Test Sample: FOB Interface Module (FIM)
FCC ID Number: KSK-104059
Test Specification: FCC Part 15, Subpart C, Radio Frequency Devices 15.207(a)
Mode of Operation: Continuously transmitting a 914.0 MHz signal
Technician / Date: N. Smith / January 15, 2010
Lead Tested: 115 VAC, 60 Hz hot input to plug in transformer.
Detector / Note: Peak / Peak emissions pass the quasi-peak Limit. Average detector required.



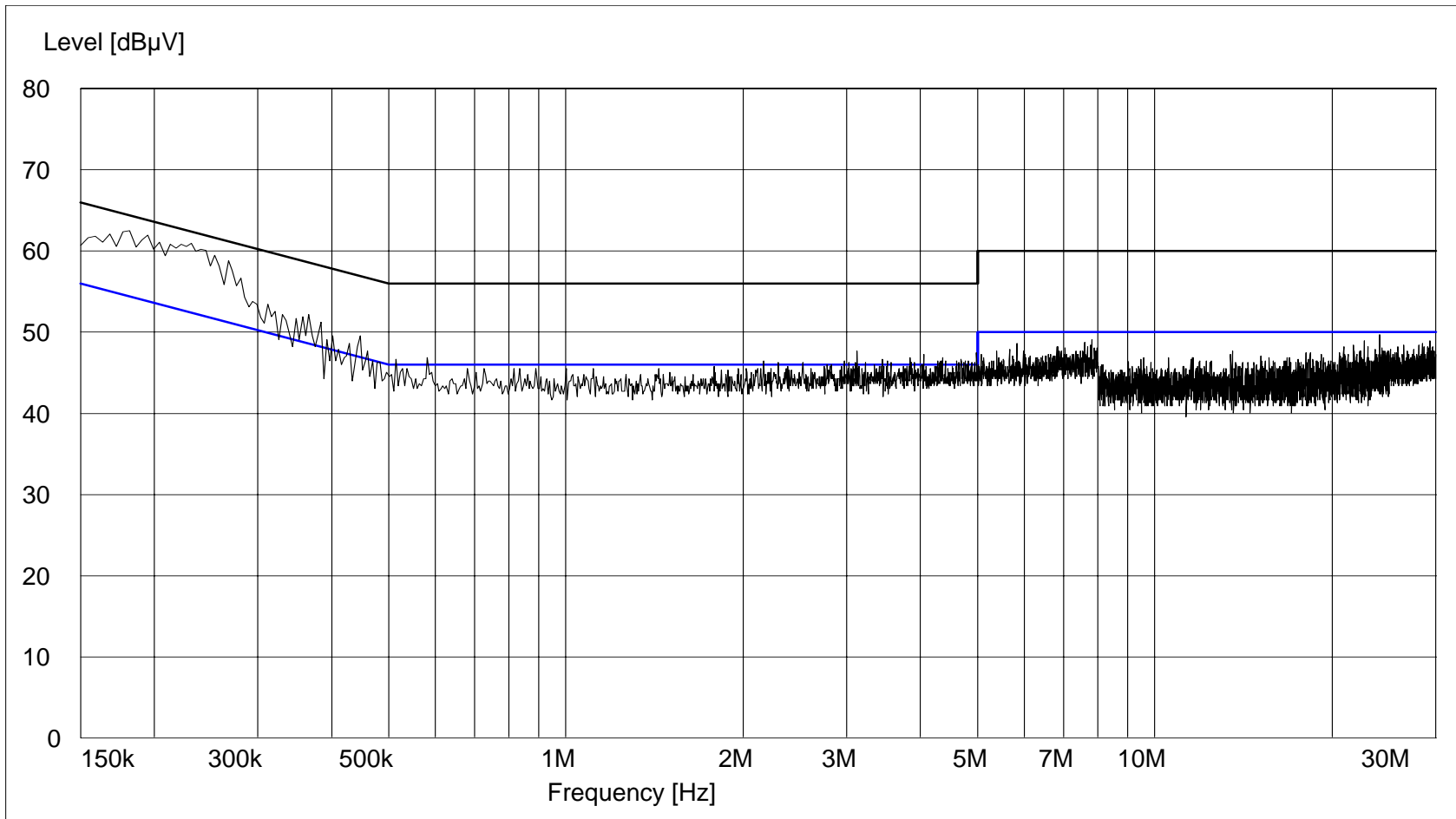
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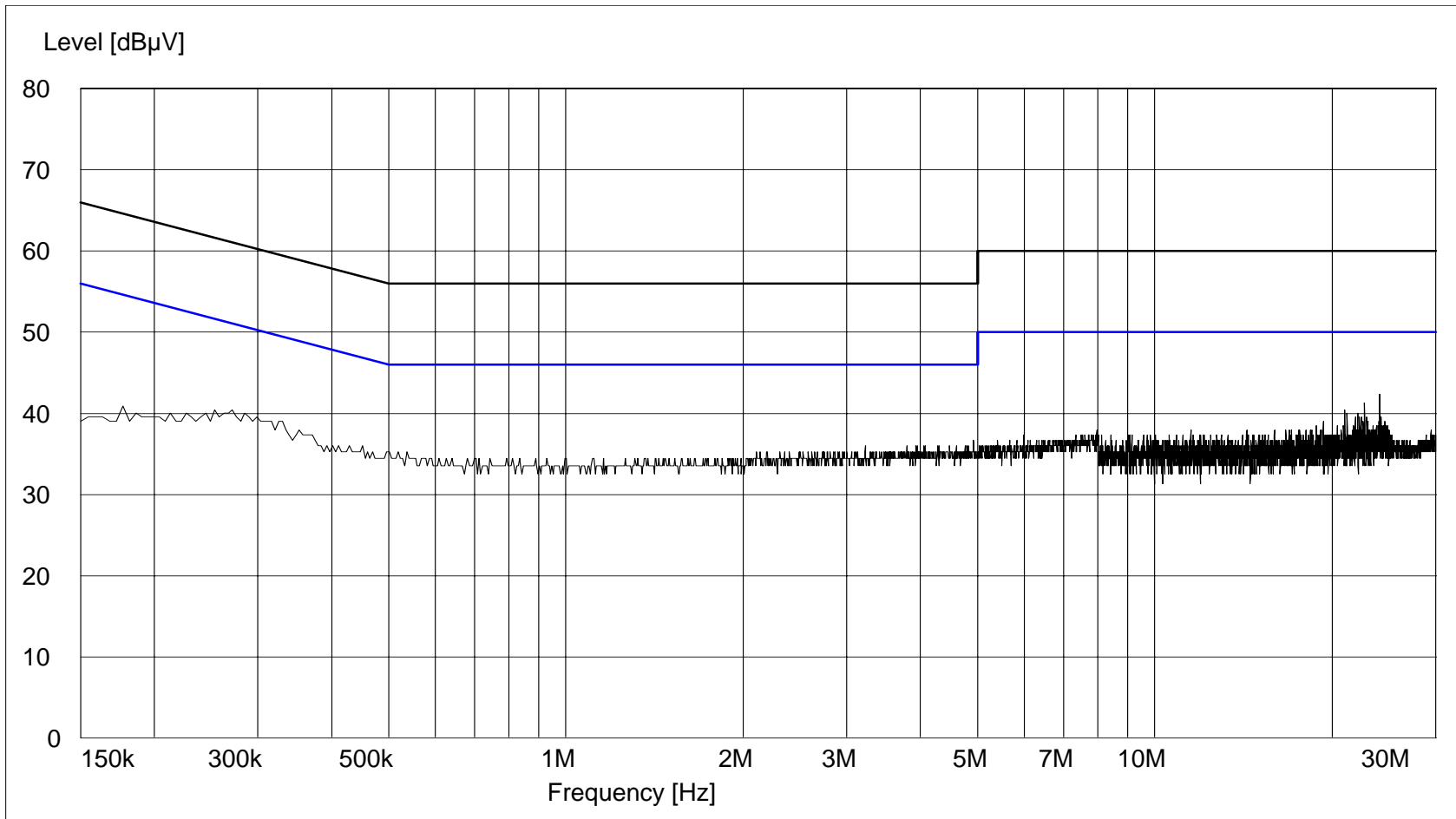
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Test Sample: FOB Interface Module (FIM)
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Test Specification: FCC Part 15, Subpart C, Radio Frequency Devices 15.207(a)
Mode of Operation: Continuously transmitting a 914.0 MHz signal
Technician / Date: N. Smith / January 15, 2010
Lead Tested: 115 VAC, 60 Hz neutral input to plug in transformer.
Detector / Note: Peak / Peak emissions pass the quasi-peak Limit. Average detector required.



FCC Part 15, Conducted Emissions, 150 KHz to 30 MHz.

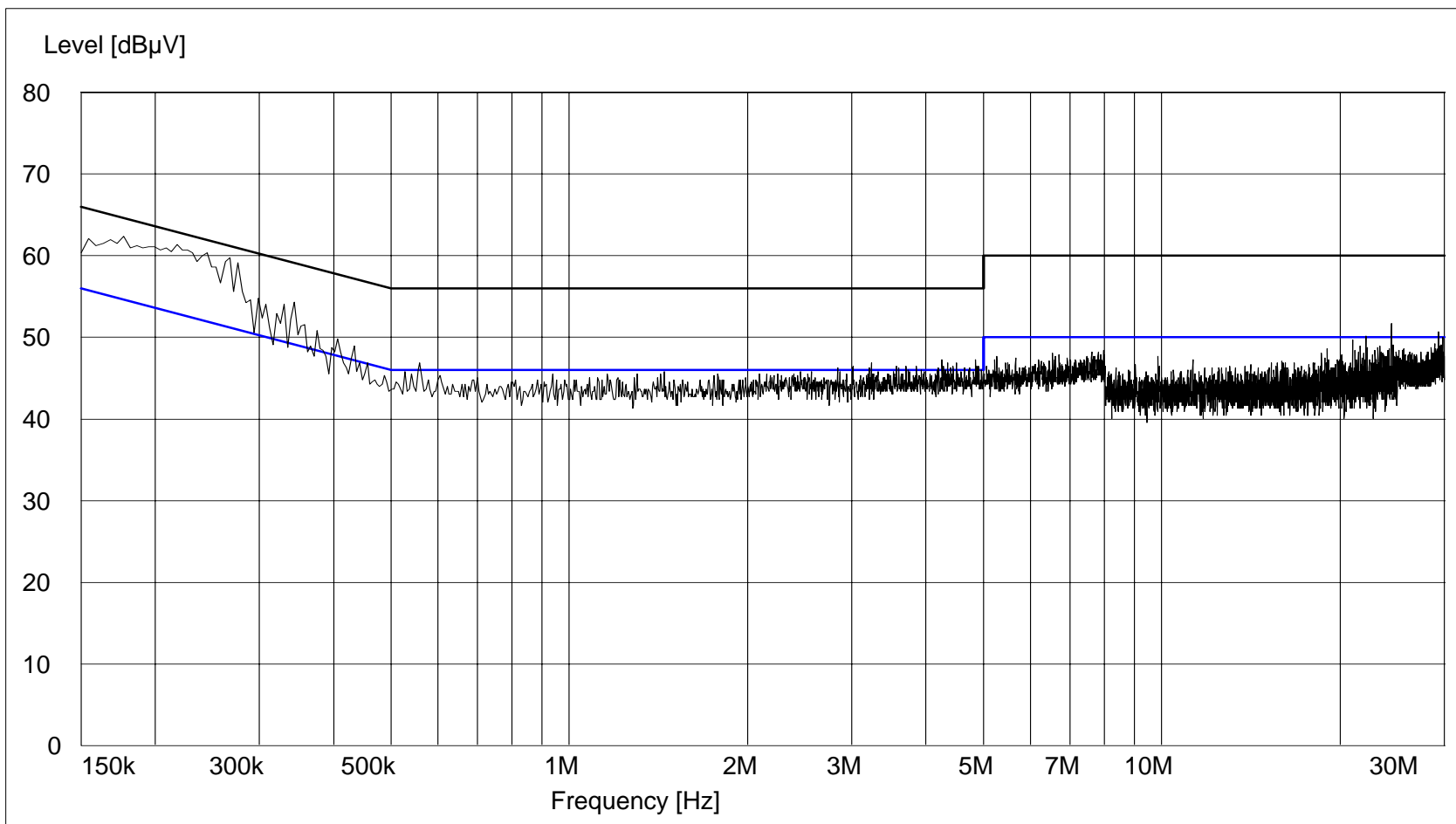
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Mode of Operation: Continuously transmitting a 914.0 MHz signal
Technician / Date: N. Smith / January 15, 2010
Lead Tested: 115 VAC, 60 Hz neutral input to plug in transformer.
Detector / Note: Average / Average emissions pass the average Limit.



**FCC Part 15, Subpart C, Section 15.107(a), Conducted Emissions,
Power Leads,
150 kHz to 30 MHz
Test Data
Receive Mode**

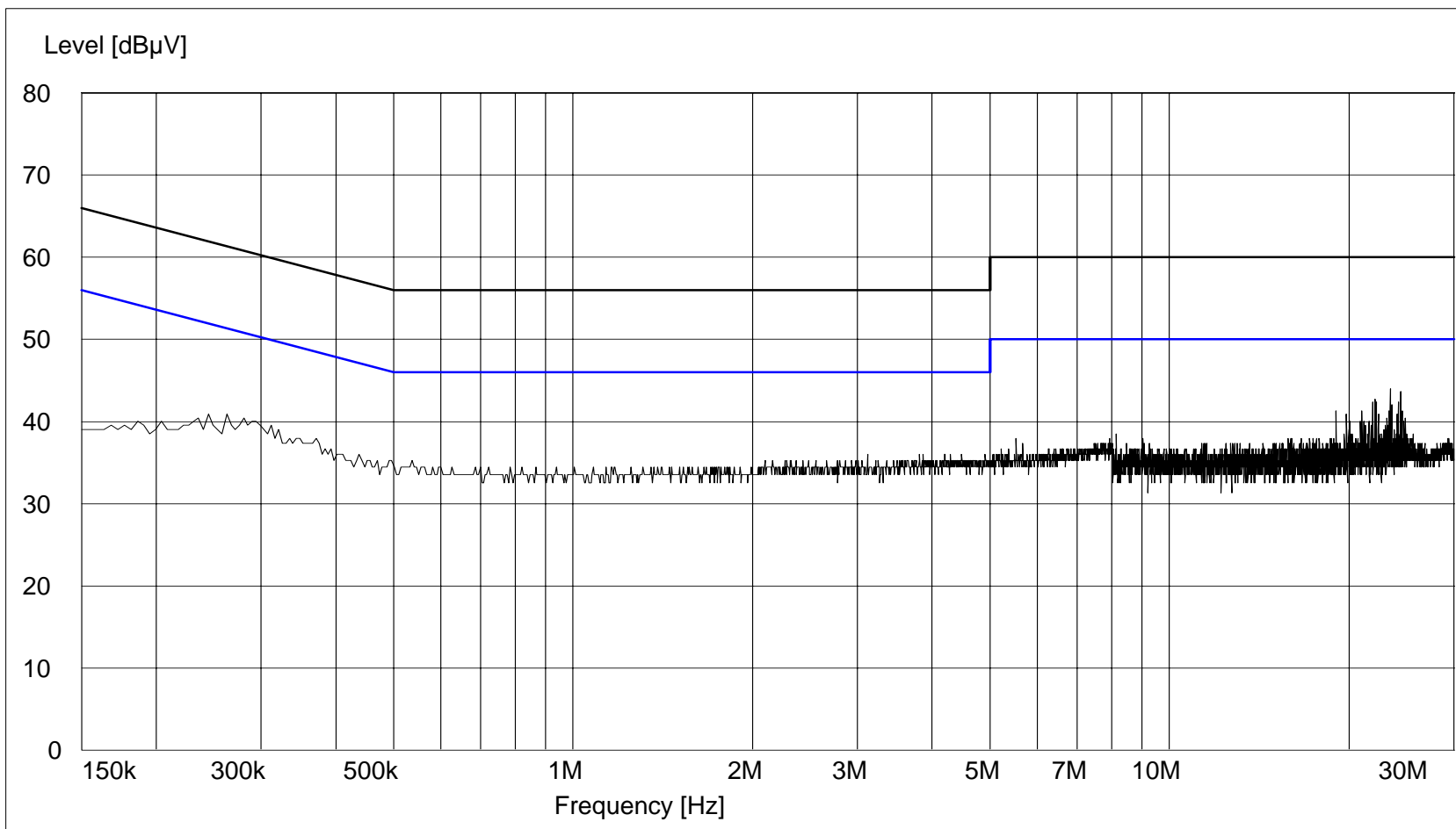
FCC Part 15, Conducted Emissions, 150 KHz to 30 MHz.

Customer: Innotech Systems, Inc.
Test Sample: FOB Interface Module (FIM)
FCC ID Number: KSK-104059
Test Specification: FCC Part 15, Subpart B, Radio Frequency Devices 15.107(a)
Mode of Operation: Continuously receiving a 914.0 MHz CW signal
Technician / Date: N. Smith / January 15, 2010
Lead Tested: 115 VAC, 60 Hz hot input to plug in transformer.
Detector / Note: Peak / Peak emissions pass the quasi-peak Limit. Average detector required.



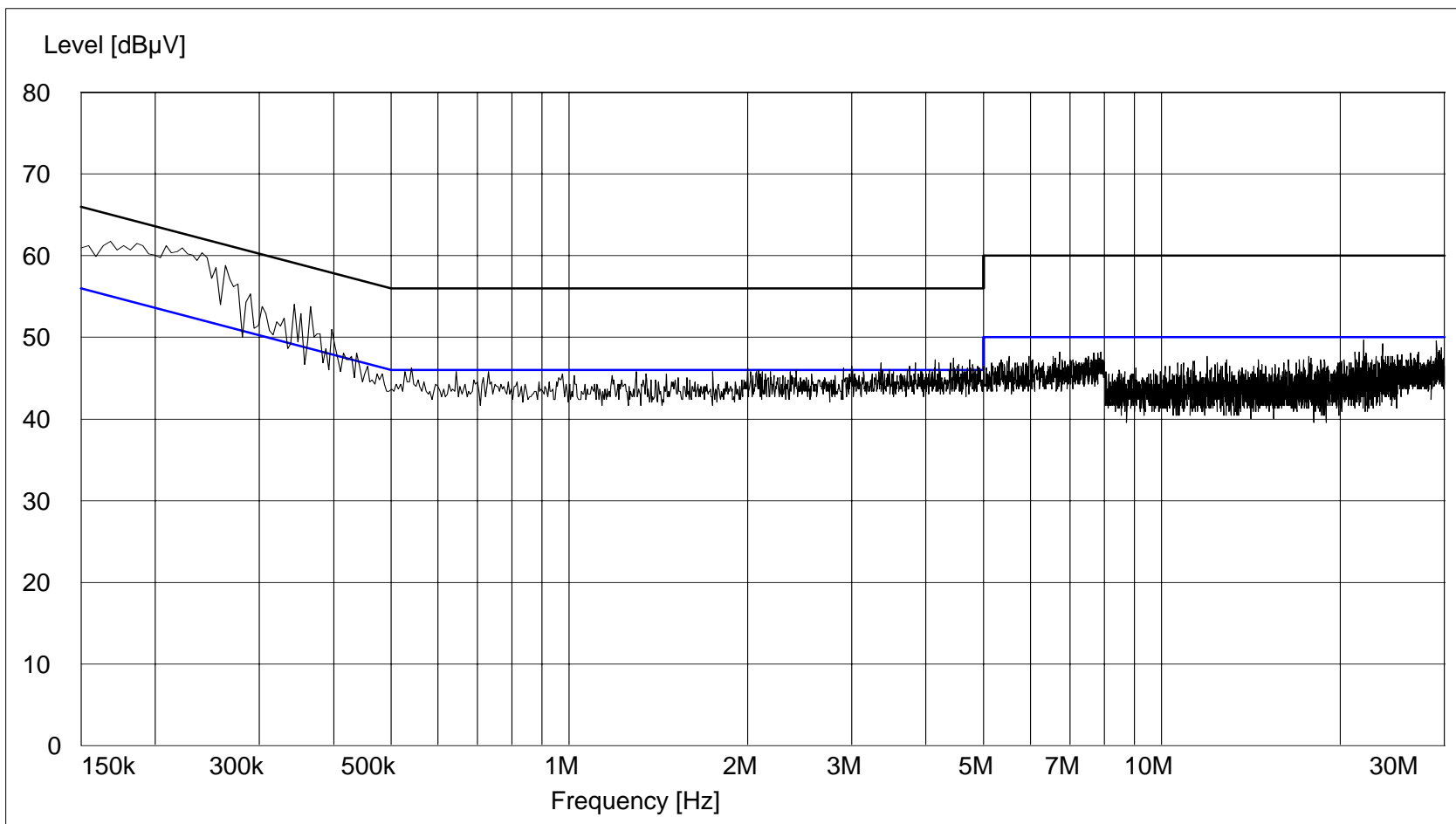
FCC Part 15, Conducted Emissions, 150 KHz to 30 MHz.

Customer: Innotech Systems, Inc.
Test Sample: FOB Interface Module (FIM)
FCC ID Number: KSK-104059
Test Specification: FCC Part 15, Subpart C, Radio Frequency Devices 15.207(a)
Mode of Operation: Continuously receiving a 914.0 MHz CW signal
Technician / Date: N. Smith / January 15, 2010
Lead Tested: 115 VAC, 60 Hz hot input to plug in transformer.
Detector / Note: Average / Average emissions pass the average Limit.



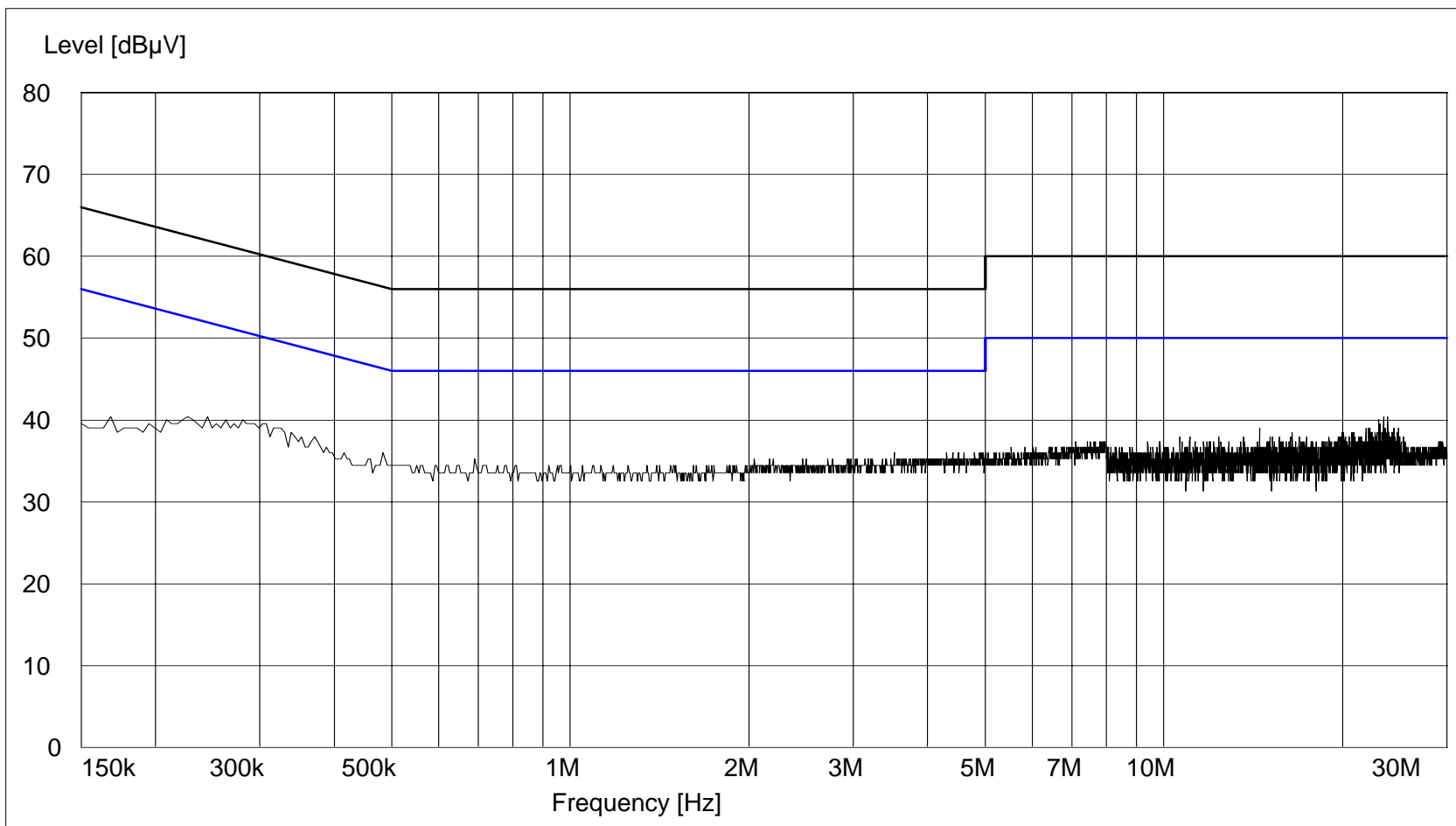
FCC Part 15, Conducted Emissions, 150 KHz to 30 MHz.

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Test Sample: FOB Interface Module (FIM)
FCC ID Number: KSK-104059
Test Specification: FCC Part 15, Subpart B, Radio Frequency Devices 15.107(a)
Mode of Operation: Continuously receiving a 914.0 MHz CW signal
Technician / Date: N. Smith / January 15, 2010
Lead Tested: 115 VAC, 60 Hz neutral input to plug in transformer.
Detector / Note: Peak / Peak emissions pass the quasi-peak Limit. Average detector required.



FCC Part 15, Conducted Emissions, 150 KHz to 30 MHz.

Customer: Innotech Systems, Inc.
Test Sample: FOB Interface Module (FIM)
FCC ID Number: KSK-104059
Test Specification: FCC Part 15, Subpart C, Radio Frequency Devices 15.207(a)
Mode of Operation: Continuously receiving a 914.0 MHz CW signal
Technician / Date: N. Smith / January 15, 2010
Lead Tested: 115 VAC, 60 Hz neutral input to plug in transformer.
Detector / Note: Average / Average emissions pass the average Limit.



**FCC Part 15 Subpart B, Radiated Emissions,
Paragraph 15.109(a)
Test Data**

Test Method:	FCC Part 15 Subpart B, Radiated Emissions						
Customer:	Innotech Systems, Inc.				Job No.:	R-13277-3	
Test Sample:	914.0 MHz FOB Interface Module (FIM)						
Model No.:	Not Applicable				FCC ID:	KSK-104059	
Operating Mode:	Continuously receiving a 914.0 MHz CW signal						
Technician:	D. Lerner				Date:	January 19, 2010	
Notes:	Test Distance: 3 Meters		Temperature: 9.0°C		Relative Humidity: 71.0%		
	Detector: Quasi-Peak from 30 MHz to 1 GHz, Average above 1 GHz						
Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Limit
MHz	(V/H) / Meters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
30.0							100
46.1	V / 1.0	90	43.0	-8.5	34.5	53.1	
81.5	V / 1.0	180	27.1	-12.4	14.7	5.4	
88.0							
88.0							100
							150
*110.0	V / 1.0	0.0	19.0	-10.7	8.3	2.6	
*195.0	V / 1.0	0.0	19.1	-8.0	11.1	3.6	
*205.0	V / 1.0	0.0	18.0	-8.0	10.0	3.2	
216.0							150
216.0							200
*600.0	V / 1.0	0.0	17.7	5.3	23.0	14.1	
960.0							200
960.0							500
*995.0	V / 1.0	0.0	19.7	11.0	30.7	34.3	
*1005.0	V / 1.0	0.0	19.7	11.0	30.7	34.3	
*5000.0	V / 1.0	0.0	22.6	14.1	36.7	68.4	500
	The frequency range was scanned from 30 MHz to 5.0 GHz.						
	The emissions observed from the EUT do not exceed the specified limits.						
	Emissions not recorded were more than 20dB under the specified limit.						
	*This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).						

**FCC Part 15 Subpart C Radiated Emissions,
Fundamental & Harmonic Emissions Paragraph 15.249(a)
Test Data**

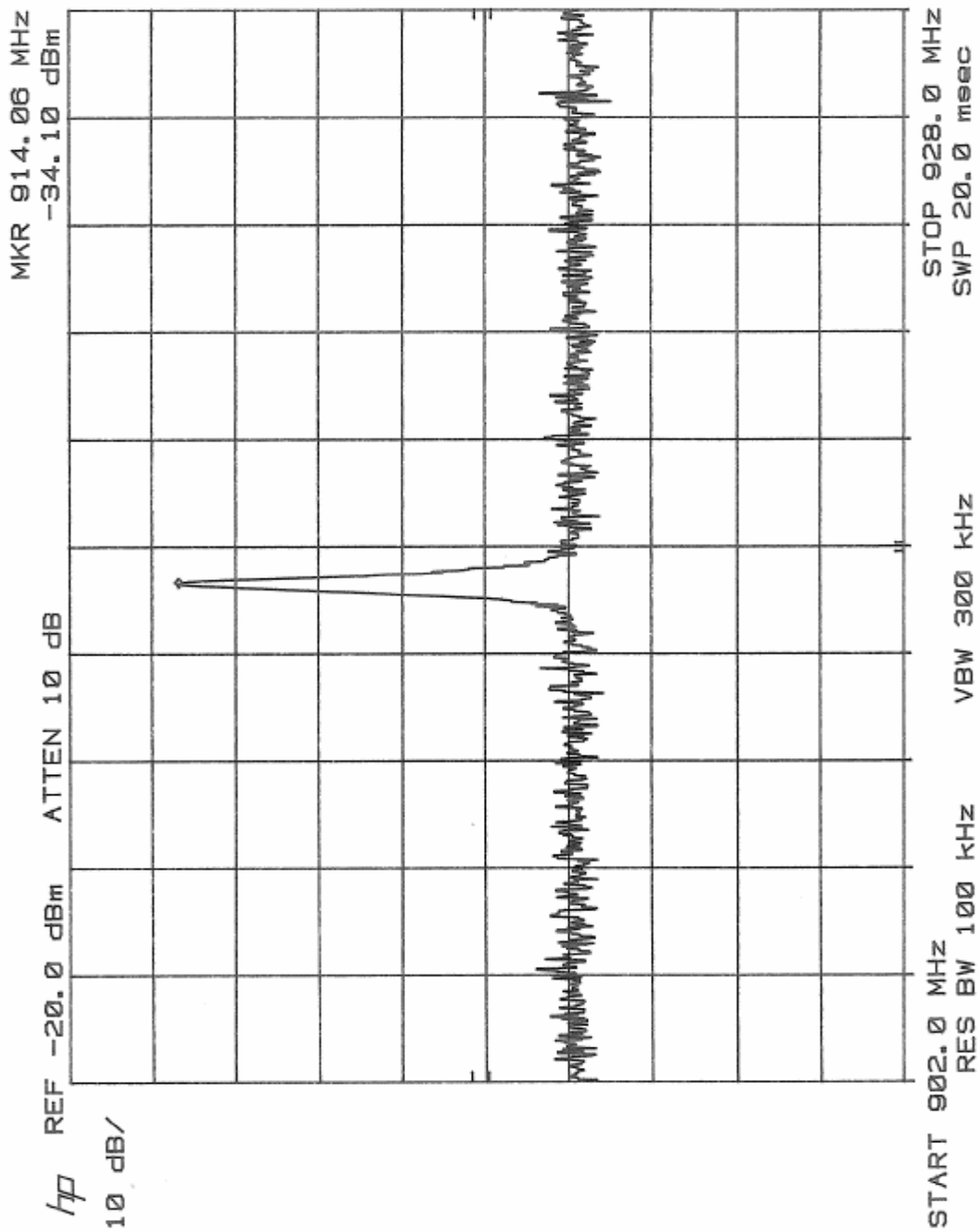
Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
Customer:	Innotech Systems, Inc.	Job No.:	R-13277-3				
Test Sample:	FOB Interface Module (FIM)						
Model No.:	Not Applicable	FCC ID:	KSK-104059				
Operating Mode:	Continuously transmitting a 914.0 MHz signal						
Technician:	D. Lerner	Date:	January 14, 2010				
Notes:	Test Distance: 3 Meters Detector: Peak						
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
MHz	(V/H)/Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
914.0	V / 1.0	X	69.2	11.3	80.5	10592.5	50000.0
	V / 1.7	Y	77.5	11.3	88.8	27542.3	
	V / 2.5	Z	68.7	11.3	80.0	10000.0	
	H / 1.2	X	71.6	11.3	82.9	13963.7	
	H / 3.2	Y	60.0	11.3	71.3	3672.8	
914.0	H / 1.2	Z	76.7	11.3	88.0	25118.9	50000.0
1828.0	V / 1.0	X	48.3	3.6	51.9	393.6	5000.0
	V / 1.0	Y	49.8	3.6	53.4	467.7	
	V / 1.3	Z	47.0	3.6	50.6	338.8	
	H / 1.0	X	50.6	3.6	54.2	512.9	
	H / 1.5	Y	47.5	3.6	51.1	358.9	
1828.0	H / 1.7	Z	50.4	3.6	54.0	501.2	5000.0
2742.0	V / 1.0	X	33.0	6.0	39.0	*89.1	5000.0
	V / 1.0	Y	33.0	6.0	39.0	*89.1	
	V / 1.0	Z	33.0	6.0	39.0	*89.1	
	H / 1.0	X	33.0	6.0	39.0	*89.1	
	H / 1.0	Y	33.0	6.0	39.0	*89.1	
2742.0	H / 1.0	Z	33.0	6.0	39.0	*89.1	5000.0
3656.0	V / 1.0	X	43.0	10.0	53.0	446.7	5000.0
	V / 1.0	Y	44.0	10.0	54.0	501.2	
	V / 1.0	Z	33.0	10.0	43.0	*141.3	
	H / 1.0	X	33.3	10.0	43.3	*146.2	
	H / 1.0	Y	33.0	10.0	43.0	*141.3	
2656.0	H / 1.0	Z	43.5	10.0	53.5	473.2	5000.0
4570.0	V / 1.0	X	42.0	14.1	56.1	638.3	5000.0
	V / 1.0	Y	46.0	14.1	60.1	1011.6	
	V / 1.0	Z	33.0	14.1	47.1	*226.5	
	H / 1.0	X	33.0	14.1	47.1	*226.5	
	H / 1.0	Y	33.0	14.1	47.1	*226.5	
4570.0	H / 1.0	Z	45.8	14.1	59.9	988.6	5000.0
The frequency range was scanned from 30 MHz to 10 GHz. All emissions not recorded were more than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.							
* = Noise Floor Measurements (Minimum system sensitivity), RBW=100 kHz							

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
Customer:	Innotech Systems, Inc.	Job No.	R-13277-3				
Test Sample:	FOB Interface Module (FIM)						
Model No.:	Not Applicable	FCC ID:	KSK-104059				
Operating Mode:	Continuously transmitting a 914.0 MHz signal						
Technician:	D. Lerner	Date:	January 14, 2010				
Notes:	Test Distance: 3 Meters Detector: Peak						
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
GHz	(V/H)/Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
5848.0	V / 1.0	X	35.4	10.8	46.2	*204.2	5000.0
	V / 1.0	Y	35.4	10.8	46.2	*204.2	
	V / 1.0	Z	35.4	10.8	46.2	*204.2	
	H / 1.0	X	35.4	10.8	46.2	*204.2	
	H / 1.0	Y	35.4	10.8	46.2	*204.2	
5848.0	H / 1.0	Z	35.4	10.8	46.2	*204.2	5000.0
6398.0	V / 1.0	X	35.4	12.5	47.9	*248.3	5000.0
	V / 1.0	Y	35.4	12.5	47.9	*248.3	
	V / 1.0	Z	35.4	12.5	47.9	*248.3	
	H / 1.0	X	35.4	12.5	47.9	*248.3	
	H / 1.0	Y	35.4	12.5	47.9	*248.3	
6398.0	H / 1.0	Z	35.4	12.5	47.9	*248.3	5000.0
7312.0	V / 1.0	X	35.4	14.0	49.4	*295.1	5000.0
	V / 1.0	Y	35.4	14.0	49.4	*295.1	
	V / 1.0	Z	35.4	14.0	49.4	*295.1	
	H / 1.0	X	35.4	14.0	49.4	*295.1	
	H / 1.0	Y	35.4	14.0	49.4	*295.1	
7312.0	H / 1.0	Z	35.4	14.0	49.4	*295.1	5000.0
8226.0	V / 1.0	X	35.4	16.2	51.6	*380.2	5000.0
	V / 1.0	Y	35.4	16.2	51.6	*380.2	
	V / 1.0	Z	35.4	16.2	51.6	*380.2	
	H / 1.0	X	35.4	16.2	51.6	*380.2	
	H / 1.0	Y	35.4	16.2	51.6	*380.2	
8226.0	H / 1.0	Z	35.4	16.2	51.6	*380.2	5000.0
9140.0	V / 1.0	X	35.4	17.1	52.5	*421.7	5000.0
	V / 1.0	Y	35.4	17.1	52.5	*421.7	
	V / 1.0	Z	35.4	17.1	52.5	*421.7	
	H / 1.0	X	35.4	17.1	52.5	*421.7	
	H / 1.0	Y	35.4	17.1	52.5	*421.7	
9140.0	H / 1.0	Z	35.4	17.1	52.5	*421.7	5000.0
	The frequency range was scanned from 30 MHz to 10.0 GHz. All emissions not recorded were more than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.						
	*=Noise Floor Measurements (Minimum system sensitivity), RBW=100 kHz						

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
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Operating Mode:	Continuously transmitting a 914.0 MHz signal						
Technician:	D. Lerner	Date:	January 14, 2010				
Notes:	Test Distance: 3 Meters Detector: Average						
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Average Limit
MHz	(V/H)/Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
914.0	V / 1.0	X	69.2	11.3	80.5	10592.5	50000.0
	V / 1.7	Y	77.6	11.3	88.9	27861.2	
	V / 2.5	Z	68.5	11.3	79.8	9772.4	
	H / 1.2	X	71.6	11.3	82.9	13963.7	
	H / 3.2	Y	58.8	11.3	70.1	3198.9	
914.0	H / 1.2	Z	76.6	11.3	87.9	24831.3	50000.0
1828.0	V / 1.0	X	42.4	3.6	46.0	199.5	500.0
	V / 1.0	Y	44.3	3.6	47.9	248.3	
	V / 1.3	Z	43.1	3.6	46.7	216.3	
	H / 1.0	X	46.2	3.6	49.8	309.0	
	H / 1.5	Y	41.0	3.6	44.6	169.8	
1828.0	H / 1.7	Z	48.2	3.6	51.8	389.0	500.0
2742.0	V / 1.0	X	22.5	6.0	28.5	*26.6	500.0
	V / 1.0	Y	22.5	6.0	28.5	*26.6	
	V / 1.0	Z	22.5	6.0	28.5	*26.6	
	H / 1.0	X	22.5	6.0	28.5	*26.6	
	H / 1.0	Y	22.5	6.0	28.5	*26.6	
2742.0	H / 1.0	Z	22.5	6.0	28.5	*26.6	500.0
3656.0	V / 1.0	X	33.0	10.0	43.0	141.3	500.0
	V / 1.0	Y	32.4	10.0	42.4	131.8	
	V / 1.0	Z	22.5	10.0	32.5	*42.2	
	H / 1.0	X	22.5	10.0	32.5	42.2	
	H / 1.0	Y	22.5	10.0	32.5	*42.2	
2656.0	H / 1.0	Z	34.1	10.0	44.1	160.3	500.0
4570.0	V / 1.0	X	31.7	14.1	45.8	195.0	500.0
	V / 1.0	Y	34.2	14.1	48.3	260.0	
	V / 1.0	Z	22.5	14.1	36.6	*67.6	
	H / 1.0	X	22.5	14.1	36.6	*67.6	
	H / 1.0	Y	22.5	14.1	36.6	*67.6	
4570.0	H / 1.0	Z	32.3	14.1	46.4	208.9	500.0
The frequency range was scanned from 30 MHz to 10.0 GHz. All emissions not recorded were more than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.							
* = Noise Floor Measurements (Minimum system sensitivity), RBW=100 kHz							

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
Customer:	Innotech Systems, Inc.	Job No.:	R-13277-3				
Test Sample:	FOB Interface Module (FIM)						
Model No.:	Not Applicable		FCC ID:	KSK-104059			
Operating Mode:	Continuously transmitting a 914.0 MHz signal						
Technician:	D. Lerner		Date:	January 14, 2010			
Notes:	Test Distance: 3 Meters Detector: Average						
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Average Limit
GHz	(V/H)/Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
5848.0	V / 1.0	X	24.0	10.8	34.8	*55.0	500.0
	V / 1.0	Y	24.0	10.8	34.8	*55.0	
	V / 1.0	Z	24.0	10.8	34.8	*55.0	
	H / 1.0	X	24.0	10.8	34.8	*55.0	
	H / 1.0	Y	24.0	10.8	34.8	*55.0	
5848.0	H / 1.0	Z	24.0	10.8	34.8	*55.0	500.0
6398.0	V / 1.0	X	24.2	12.5	36.7	*68.4	500.0
	V / 1.0	Y	24.2	12.5	36.7	*68.4	
	V / 1.0	Z	24.2	12.5	36.7	*68.4	
	H / 1.0	X	24.2	12.5	36.7	*68.4	
	H / 1.0	Y	24.2	12.5	36.7	*68.4	
6398.0	H / 1.0	Z	24.2	12.5	36.7	*68.4	500.0
7312.0	V / 1.0	X	24.2	14.0	38.2	*81.3	500.0
	V / 1.0	Y	24.2	14.0	38.2	*81.3	
	V / 1.0	Z	24.2	14.0	38.2	*81.3	
	H / 1.0	X	24.2	14.0	38.2	*81.3	
	H / 1.0	Y	24.2	14.0	38.2	*81.3	
7312.0	H / 1.0	Z	24.2	14.0	38.2	*81.3	500.0
8226.0	V / 1.0	X	24.5	16.2	40.7	*108.4	500.0
	V / 1.0	Y	24.5	16.2	40.7	*108.4	
	V / 1.0	Z	24.5	16.2	40.7	*108.4	
	H / 1.0	X	24.5	16.2	40.7	*108.4	
	H / 1.0	Y	24.5	16.2	40.7	*108.4	
8226.0	H / 1.0	Z	24.5	16.2	40.7	*108.4	500.0
9140.0	V / 1.0	X	24.5	17.1	41.6	*120.2	500.0
	V / 1.0	Y	24.5	17.1	41.6	*120.2	
	V / 1.0	Z	24.5	17.1	41.6	*120.2	
	H / 1.0	X	24.5	17.1	41.6	*120.2	
	H / 1.0	Y	24.5	17.1	41.6	*120.2	
9140.0	H / 1.0	Z	24.5	17.1	41.6	*120.2	500.0
The frequency range was scanned from 30 MHz to 10.0 GHz. All emissions not recorded were more than 20 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.							
*=Noise Floor Measurements (Minimum system sensitivity), RBW=100 kHz							

**FCC Part 15, Subpart C, 15.245(b) Occupied Bandwidth, 902.0 to 928.0 MHz Band
Test Data**



FCC Part 15, Subpart C, 15.249(a) Occupied Bandwidth, 902 to 928 MHz Band
 FCC ID: KSK-104059

Customer	Innotech Systems, Inc.		
Test Sample	FOB Interface Module (FIM)		
Part Number	N/A		
Date: 1-19-10	Tech: RS	Sheet 1 of 1	

**FCC Part 15 Subpart C, Spurious Case Radiated Emissions,
Paragraph 15.249(c) / 15.209(a)
Test Data**

Test Method:	FCC Part 15 Subpart C, Spurious Case Radiated Emissions						
Customer:	Innotech Systems, Inc.	Job No.:	R-13277-3				
Test Sample:	914.0 MHz FOB Interface Module (FIM)						
Model No.:	N/A	FCC ID:	KSK-104059				
Operating Mode:	Continuously transmitting a 914.0 MHz signal						
Technician:	D. Lerner	Date:	January 19, 2010				
Notes:	Test Distance: 3 Meters		Temperature: 16.0°C		Relative Humidity: 32.0%		
	Detector: Quasi-Peak from 30 MHz to 1 GHz, Average above 1 GHz						
Frequency	Antenna Position	EUT Orientation	Meter Readings	Correction Factor	Corrected Reading	Converted Reading	Limit
MHz	(V/H) / Meters	Degrees	dBuV	dB	dBuV/m	uV/m	uV/m
30.0							100
46.1	V / 1.0	90	43.0	-8.5	34.5	53.1	
81.5	V / 1.0	180	27.1	-12.4	14.7	5.4	
88.0							
88.0							100
							150
*110.0	V / 1.0	0.0	19.0	-10.7	8.3	2.6	
*195.0	V / 1.0	0.0	19.1	-8.0	11.1	3.6	
*205.0	V / 1.0	0.0	18.0	-8.0	10.0	3.2	
216.0							150
216.0							200
*600.0	V / 1.0	0.0	17.7	5.3	23.0	14.1	
960.0							200
960.0							500
*995.0	V / 1.0	0.0	19.7	11.0	30.7	34.3	
*1005.0	V / 1.0	0.0	19.7	11.0	30.7	34.3	
*5000.0	V / 1.0	0.0	22.6	14.1	36.7	68.4	
*9995.0	V / 1.0	0.0	24.5	17.1	41.6	120.2	
10000.0							500
	The frequency range was scanned from 30 MHz to 10.0 GHz.						
	The emissions observed from the EUT do not exceed the specified limits.						
	Emissions not recorded were more than 20dB under the specified limit.						
	*This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).						