

FCC Part 15, Subpart C, Section 15.247 Industry Canada, RSS-210 and RSS-GEN

Test Report

On

Blink Sync Module FCC ID: 2AF77-BSM00200U IC: 20741-BSM00200U

Customer Name: Immedia Semiconductor

Customer P.O: H109215-1A2

Date of Report: November 5, 2015

Test Report No: R-6022N-1

Test Start Date: October 5, 2015

Test Finish Date: October 9, 2015

Test Technician: M. Seamans

Approved By: S. Wentworth

Report Prepared By: J. Ramsey

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Technical Information

Report Number: R-6022N-1

Customer: Immedia Semiconductor

Address: 100 Burtt Road, Suite 100

Andover, MA 01810

Manufacturer: Immedia Semiconductor

Manufacturer Address: 100 Burtt Road, Suite 100

Andover, MA 01810

Test Sample: Blink Sync Module

Model Number: BSM00200U

FCC ID: 2AF77-BSM00200U

IC: 20741-BSM00200U

Type: Frequency Hopping Spread Spectrum Transmitter

Power Requirements: 5VDC Via 120 VAC, 60 Hz AC/DC Power Adapter

Power Supply: AC Adapter, Flypower, Model PS06B050K1000UU

Frequency of Operation: 902.3 MHz to 927.6 MHz

Equipment Class: DSS

Antenna Type: Internal PCB Antenna – 1.5 dBi gain

Equipment Use: Used in a Home Monitoring System

Note: The Blink Sync Module also contains a separately certified WiFi Module:

FCC ID: 2ACOE-SKW71.

IC: 20742-SKW71

Test Specification:

FCC Rules and Regulations Part 15, Subpart C, Section 15.247 Radio Standards Specification, RSS-210, Issue 8, June, 2010

Test Procedure:

ANSI C63.4:2009

RSS-GEN, Issue 4, November 2014



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Test Facility:

Retlif Testing Laboratories 101 New Boston Road Goffstown, NH 03045

FCC Registered Test Site Number: 90899 IC Registered Test Site Number: 2047C-1

Table 1 – Tests Performed

FCC Part 15, Subpart C	Industry Canada RSS-210	Test Method
15.247(a)(1)	A8.1(b)	Channel Separation
15.247(a)(1)	A8.1(a)	20 dB Bandwidth
15.247(a)(1)(i)	A8.1(c)	Number of Channels and Occupancy Time
15.247(b)(1) and (4)	A8.4(1)	Peak Conducted Output Power
15.247(d)	A8.5	Spurious Emissions, 30 MHz to 10 GHz
15.247(a)/15.209(a)	A2.9(b)	Field Strength of Spurious Emissions
15.207(a)	8.8	Conducted Emissions, Power Leads, 150 kHz to 30 MHz
N/A	7.1	Receiver Spurious Emissions

Table 2 – Support Equipment

I	Description	Manufacturer	Part Number	Model Number	Serial Number
ſ	Laptop PC	HP	N/A	Presario CQ60	2CE95012D7



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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.

Scott Wentworth Branch Manager

Low Wenter

NVLAP Approved Signatory

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.



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Requirements and Test Results

Requirement:

FCC Section 15.247 (a)(1)

Channel Separation and 20 dB Bandwidth

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW. The system shall hop to channel frequencies that are selected at the system hopping rate from a pseudo randomly ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

IC Section A8.1(b)

Frequency Hopping Systems

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the band 2400-2483.5 MHz may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 0.125 W. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

Results:

The carrier frequencies were separated by 399.29 kHz which exceeded the maximum 20 dB bandwidth of 388.77 kHz which complies with the requirements specified above.



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FCC Section 15.247 (a)(1)(i)

Number of Channels and Occupancy Time

For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period; if the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period. The maximum allowed 20 dB bandwidth of the hopping channel is 500 kHz.

IC Section A8.1(a)

Frequency Hopping Systems

The bandwidth of a frequency hopping channel is the 20 dB emissions bandwidth, measured with the hopping stopped. The system RF bandwidth is equal to the channel bandwidth multiplied by the number of channels in the hopset. The hopset shall be such that the near-term distribution of frequencies appears random, with sequential hops randomly distributed in both direction and magnitude of change in the hopset while the long-term distribution appears evenly distributed.

Results:

The number of hopping frequencies used was 44 and the average time of occupancy was 160.32msec which complied with the above requirements.



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FCC Section 15.247 (b)(1) and (4) Peak Conducted Output Power

- (1) For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.
- (4) The conducted output power limit specified in Paragraph (b) of Section 15.247 is based on the use of antenna with directional gains that do not exceed 6 dBi. Except as shown in Paragraph (c) of Section 15.247, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in Paragraph (b)(1), (b)(2) and (b)(3) of Section 15.247, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

IC Section A8.4(1)

Transmitter Output Power and e.i.r.p. Requirements

For frequency hopping systems operating in the band 902-928 MHz, the maximum peak conducted output power shall not exceed 1.0 W and the e.i.r.p. shall not exceed 4 W, if the hopset uses 50 or more hopping channels; the maximum peak conducted output power shall not exceed 0.25 W and the e.i.r.p. shall not exceed 1 W, if the hopset uses less than 50 hopping channels.

Results:

The frequency hopping system utilizes a transmitting antenna with a gain of 1.5 dBi. The maximum peak conducted output power was measured to be 18.45 milliwatts and the EIRP is less than 1W.



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FCC Section 15.247 (d) Spurious Emissions

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under Paragraph (b)(3) of Section 15.247, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

IC Section A8.5 Out-of-Band Emissions

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the radio frequency power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under Section A8.4(4) of RSS-210, the attenuation required shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Tables 2 and 3 of RSS-210 is not required.

Results:

The antenna port conducted spurious emissions comply with the requirement that the radio frequency power be at least 20 dB below the highest in band level.

In addition, Harmonic and Spurious Emissions which were found to be within the restricted bands of operation, as defined in section 15.205 (a) were found to be in compliance with the general limits specified in section 15.209 (a).



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FCC Section 15.247 (a)

Field Strength of Spurious Radiation

Operation under the provisions of Section 15.247 is limited to frequency hopping and digitally modulated intentional radiators that comply with the provisions stated in Section 15.247(a)(1).

FCC Section 15.209(a)

Radiated Emission Limits, General Requirements

Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in Table 3.

IC RSS-210, 2.9(b)

General Field Strength Limits

Table 3 shows the general field strength limits of unwanted emissions, where applicable, for transmitters operating in accordance with the provisions specified in this RSS.

Frequency of Emission Field Strength **Measurement Distance** (MHz) (microvolts/meter) (meters) 30 to 88 100 88 to 216 150 3 216 to 960 200 3 Above 960 500 3

Table 3 - Radiated Emission Limits

Results:

The field strength of spurious radiated emissions did not exceed the limits specified in Table 3

Requirement:

IC RSS-Gen, Par. 7.1 - Receiver Radiated Spurious Emissions

Spurious emissions from receivers must comply with the radiated emissions limits specified in RSS-Gen, Para. 7.1 and as shown above in Table 3.

Results:

No EUT receiver spurious emissions were observed within 10dB of the specified limit.



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FCC Section 15.247 (i) RF Exposure Limits

Spread Spectrum Transmitters operating under 15.247 must be operated in a manner that ensures the public is not exposed to RF energy levels in access of the commission's guidelines. Based on the transmitter power and maximum antenna gain (see calculation below) the minimum separation distance was calculated to determine the distance for acceptable MPE power density levels to meet both the Occupational/Controlled Exposure and the General Population/Uncontrolled Exposure requirements of FCC Part 1.1310. The calculation below uses the more stringent General Population MPE Limits.

$$S = \frac{PG}{4 \prod Dsq}$$

D = Minimum Separation Distance in cm

S = Max allowed Power Density in mW/cmsq

Per 1.1310 For the Frequency of 928 MHz S = 928 / 1500 = 0.618 mW/cmsq

Power = Max Power Input to Antenna = 18.45 mW

Gain = Max Power Gain of Antenna = 1.5 dBi = 1.41 numeric

0.618 mW/cmsq =
$$\frac{18.45x1.41}{4x(3.14)xD^2}$$
 = $\frac{26.0}{12.56xD^2}$

$$D^{4}2 = \frac{26.0}{12.56 \times 0.618}$$

$$D = \overline{)3.35} = 1.8 \text{ cm}$$

The test sample has an internal antenna and the minimum separation distance will always be maintained.



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Requirement:

FCC Section 15.207(a) - Conducted Limits

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits shown in Table 4, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of the paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

IC RSS-GEN. Section 8.8:

Transmitter and Receiver AC Power Lines Conducted Emission Limits

The purpose of this test is to measure unwanted radio frequency currents induced in any AC conductor external to the equipment which could conduct interference to other equipment via the AC electrical network.

Except when the requirements applicable to a given device state otherwise, for any license-exempt radio communication device equipped to operate from the public utility AC power supply, either directly or indirectly, the radio frequency voltage that is conducted back onto the AC power lines in the frequency range of 0.15 MHz to 30 MHz shall not exceed the limits shown in Table 4. The tighter limit applies at the frequency range boundaries.

The conducted emissions shall be measured with a 50 ohm/50 microhenry line impedance stabilization network.

 Conducted Limit (dBμV)

 Quasi-Peak
 Average

 0.15 to 0.5
 66 to 56*
 56 to 46*

 0.5 to 5
 56
 46

 5 to 30
 60
 50

*Decreases due to logarithm of the frequency

Table 4 - Conducted Emission Limits

Results:

The conducted emissions observed did not exceed the limits specified in Table 4.



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Equipment List

FCC Section 15.247(a)(1) / IC Section A8.1(b) Channel Separation

EN	Manufacturer	Description	Range	Model No.	Cal Date	Due Date
5070	ROHDE & SCHWARZ	RECEIVER, EMI	20 Hz - 40 GHz	ESIB40	10/29/2014	10/31/2016
5137	NARDA MICROWAV	/E ATTENUATOR, COAXIAL	10 dB, DC - 11 GHz, 20	W 768-10	10/28/2014	10/31/2015

FCC Section 15.247(a)(1) / IC Section A8.1(b) 20 dB Bandwidth

EN	Manufacturer	Description	Range	Model No.	Cal Date	Due Date
5070	ROHDE & SCHWARZ	RECEIVER, EMI	20 Hz - 40 GHz	ESIB40	10/29/2014	10/31/2016
5137	NARDA MICROWAV	/E ATTENUATOR, COAXIAL	10 dB, DC - 11 GHz, 20) W 768-10	10/28/2014	10/31/2015

FCC Section 15.247 (a)(1) (iii) / IC Section A8.1(c) Number of Channels and Occupancy Time

EN	Manufacturer	Description	Range	Model No.	Cal Date	Due Date
5070	ROHDE & SCHWARZ	RECEIVER, EMI	20 Hz - 40 GHz	ESIB40	10/29/2014	10/31/2016
5137	NARDA MICROWAV	'E ATTENUATOR, COAXIAL	10 dB, DC - 11 GHz, 2	0 W 768-10	10/28/2014	10/31/2015

FCC Section 15.247 (a)(1) / IC Section A8.4(1) Peak Conducted Output Power

EN	Manufacturer	Description	Range	Model No.	Cal Date	Due Date
5070	ROHDE & SCHWARZ	RECEIVER, EMI	20 Hz - 40 GHz	ESIB40	10/29/2014	10/31/2016
5137	NARDA MICROWAV	/E ATTENUATOR, COAXIAL	10 dB, DC - 11 GHz, 20	W 768-10	10/28/2014	10/31/2015

FCC Section 15.247 (d) / IC Section A8.(5) Conducted Spurious Emissions, 30 MHz to 10 GHz

EN	Manufacturer	Description	Range	Model No.	Cal Date	Due Date
5070	ROHDE & SCHWARZ	RECEIVER, EMI	20 Hz - 40 GHz	ESIB40	10/29/2014	10/31/2016
5137	NARDA MICROWAV	/E ATTENUATOR, COAXIAL	10 dB, DC - 11 GHz, 2	20 W 768-10	10/28/2014	10/31/2015



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FCC Section 15.247 (a) / 15.209(a) / IC Section A2.9(b) Field Strength of Spurious Radiated Emissions

EN	Manufacturer	Description	Range	Model No.	Cal Date	Due Date
1232	AGILENT / HP	PRE-AMPLIFIER	1 - 26.5 GHz	8449B	6/17/2015	6/30/2016
3258	ETS / EMCO	ANTENNA, DOUBLE RIDGED GUIDE	1 - 18 GHz	3115	3/24/2015	9/30/2016
4029	RETLIF	OPEN AREA TEST SITE, FILING	3 / 10 Meters	RNH	5/15/2013	5/31/2016
5053	ETS / EMCO	ANTENNA, BICONILOG	26 MHz - 3 GHz	3142C	2/24/2015	8/31/2016
R462	AGILENT / HP	ANALYZER, SPECTRUM	9 kHz - 26.5 GHz	E7405A	1/8/2015	1/31/2016

FCC Section 15.207 (a) / RSS GEN 8.8 AC Line Conducted Emissions

EN	Manufacturer	Description	Range	Model No.	Cal Date	Due Date
4027	SOLAR ELECTRONICS	LISN	50 uH, 10 kHz - 50 MHz	9252-50-R-24-BNC	2/23/2015	2/29/2016
5070	ROHDE & SCHWARZ	RECEIVER, EMI	20 Hz - 40 GHz	ESIB40	10/29/2014	10/31/2016
5137	NARDA MICROWAVE	ATTENUATOR, COAXIAL	10 dB, DC - 11 GHz, 20 V	V 768-10	10/28/2014	10/31/2015
5188	Cybertron	COMPUTER, CONTROL	N/A	TSVQJA2221	No Calibration	n Required

RSS GEN 7.1 Receiver Spurious Emissions

EN	Manufacturer	Description	Range	Model No.	Cal Date	Due Date
123	2 AGILENT / HP	PRE-AMPLIFIER	1 - 26.5 GHz	8449B	6/17/2015	6/30/2016
325	8 ETS / EMCO	ANTENNA, DOUBLE RIDGED GUIDE	1 - 18 GHz	3115	3/24/2015	9/30/2016
402	9 RETLIF	OPEN AREA TEST SITE, FILING	3 / 10 Meters	RNH	5/15/2013	5/31/2016
505	3 ETS / EMCO	ANTENNA, BICONILOG	26 MHz - 3 GHz	3142C	2/24/2015	8/31/2016
R46	32 AGILENT / HP	ANALYZER, SPECTRUM	9 kHz - 26.5 GHz	E7405A	1/8/2015	1/31/2016



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Test Photographs Channel Separation



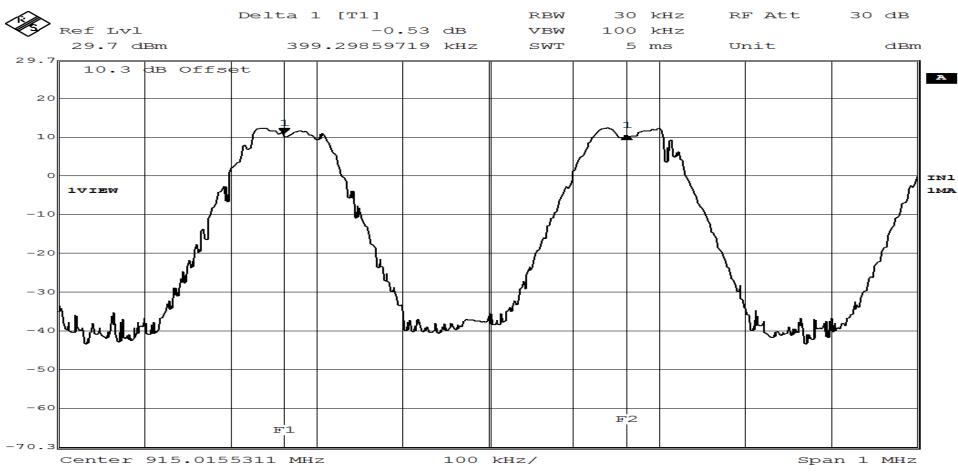
Test Setup



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	RETLIF TESTING LABORATORIES						
Test Method:	Channel Carrier Frequency Separation						
Customer	Immedia Semiconductor	Job No.	R-6022N-1				
Test Sample	Blink Sync Module						
Model Number	BSM00200U	Serial No.	200-002-2665				
Operating Mode	Transmitting hopping frequency data						
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (a)(1)						
Technician	M. Seamans	Date	October 9 th , 2015				
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %						
Notes	Channel Carrier Frequency Separation: 399.298 kHz						



Date: 9.OCT.2015 15:03:11 Page 1 of 1

Test Photographs 20 dB Bandwidth



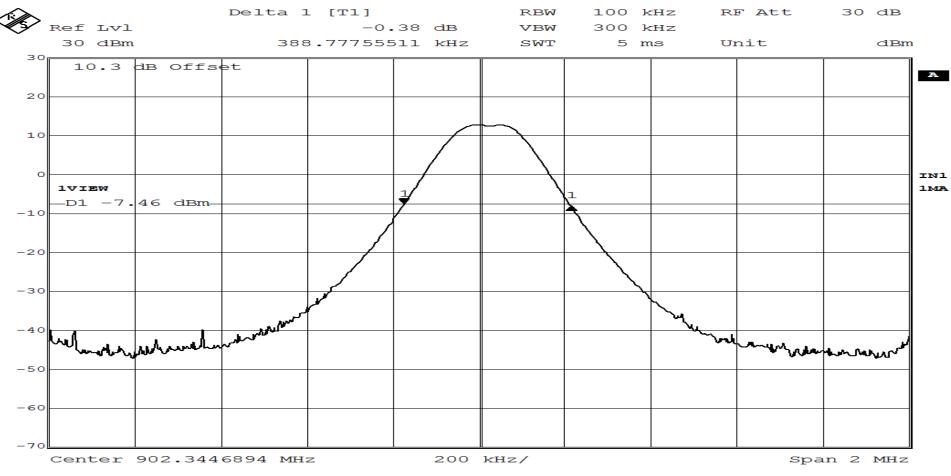
Test Setup



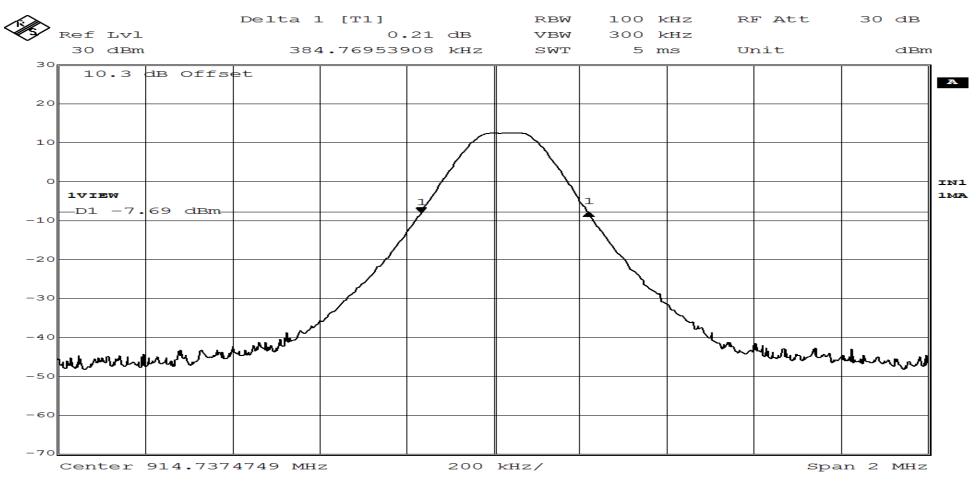
Retlif Testing Laboratories



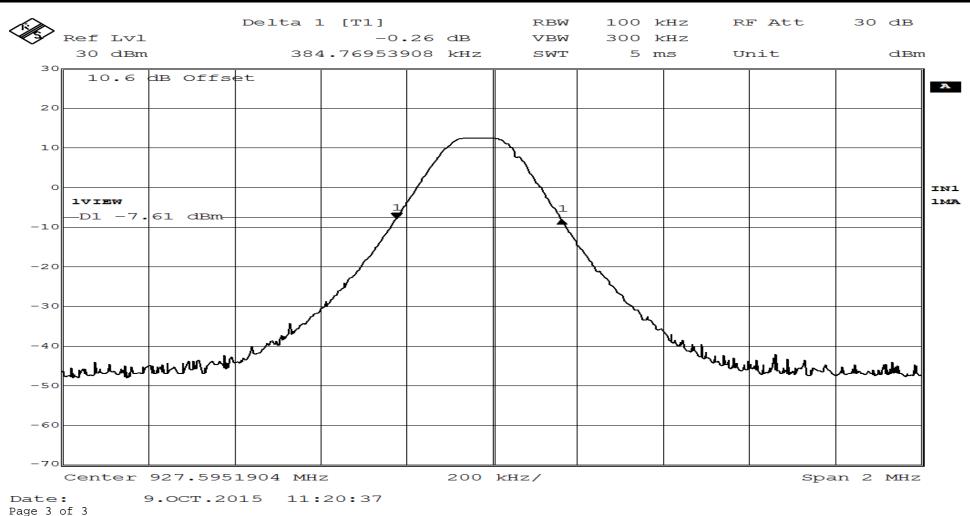
	RETLIF TESTING LABORATORIES						
Test Method:	20dB Bandwidth						
Customer	Immedia Semiconductor	Job No.	R-6022N-1				
Test Sample	Blink Sync Module						
Model Number	BSM00200U	Serial No.	200-002-2665				
Operating Mode	Transmitting modulated signal						
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (a)(1)(i)						
Technician	M. Seamans	Date	October 9 th , 2015				
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %						
Notes	Transmit Frequency: 902.34 MHz 20dB Bandwidth: 388.777 kHz						



RETLIF TESTING LABORATORIES				
Test Method:	20dB Bandwidth			
Customer	Immedia Semiconductor	Job No.	R-6022N-1	
Test Sample	Blink Sync Module			
Model Number	BSM00200U	Serial No.	200-002-2665	
Operating Mode	Transmitting modulated signal			
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (a)(1)(i)			
Technician	M. Seamans	Date	October 9 th , 2015	
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %			
Notes	Transmit Frequency: 914.737 MHz 20dB Bandwidth: 384.769 kHz			



RETLIF TESTING LABORATORIES				
Test Method:	20dB Bandwidth			
Customer	Immedia Semiconductor	Job No.	R-6022N-1	
Test Sample	Blink Sync Module			
Model Number	BSM00200U	Serial No.	200-002-2665	
Operating Mode	Transmitting modulated signal			
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (a)(1)(i)			
Technician	M. Seamans	Date	October 9 th , 2015	
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %			
Notes	Transmit Frequency: 927.595 MHz 20dB Bandwidth: 384.769 kHz	_		



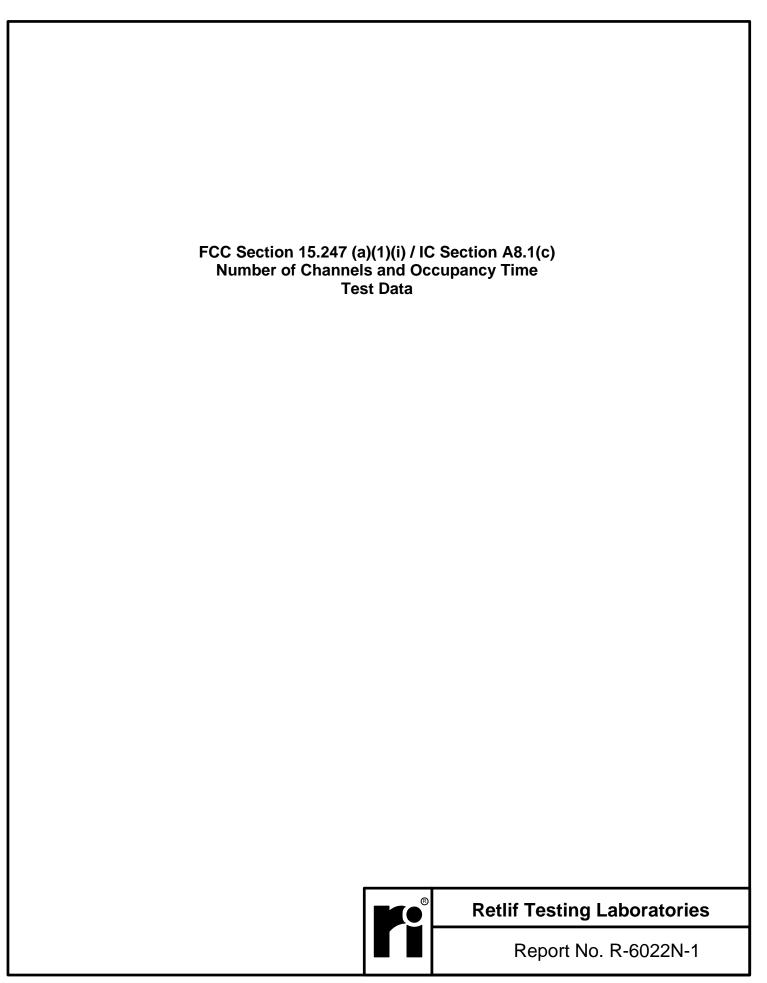
Test Photographs Number of Channels and Occupancy Time



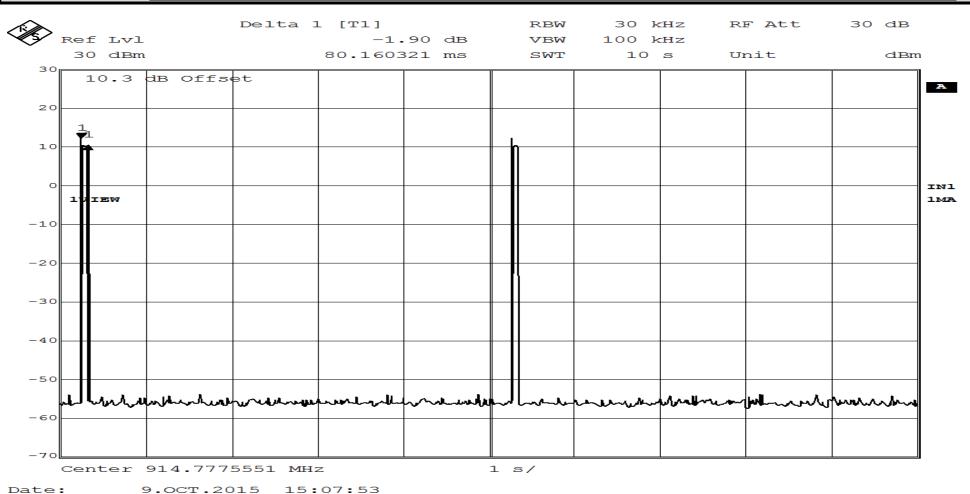
Test Setup



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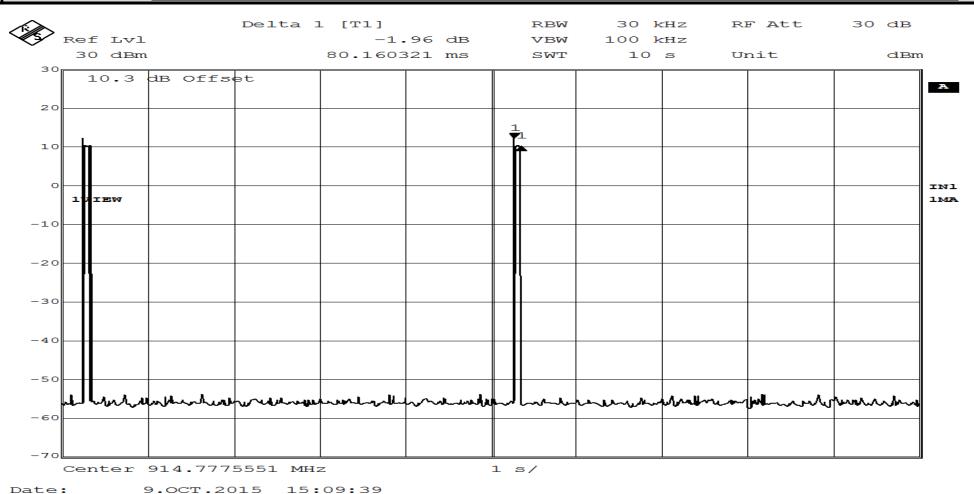


RETLIF TESTING LABORATORIES				
Test Method:	Time of Occupancy			
Customer	Immedia Semiconductor	Job No.	R-6022N-1	
Test Sample	Blink Sync Module			
Model Number	BSM00200U	Serial No.	200-002-2665	
Operating Mode	Transmitting hopping frequency data			
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (a)(1)(i)			
Technician	M. Seamans	Date	October 9 th , 2015	
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %			
Notes	Test Frequency: 914.777 MHz Pulse Width: 80.160ms			



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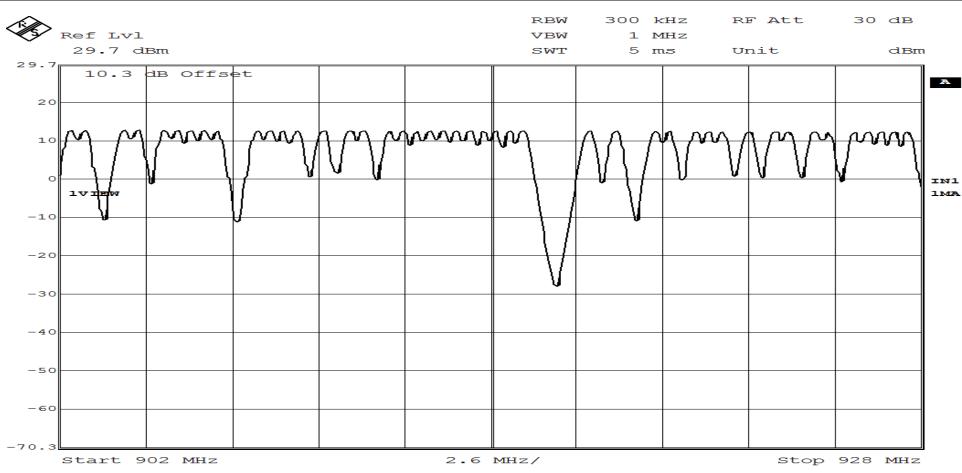
RETLIF TESTING LABORATORIES				
Test Method:	Time of Occupancy			
Customer	Immedia Semiconductor	Job No.	R-6022N-1	
Test Sample	Blink Sync Module			
Model Number	BSM00200U	Serial No.	200-002-2665	
Operating Mode	Transmitting hopping frequency data			
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (a)(1)(i)			
Technician	M. Seamans	Date	October 9 th , 2015	
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %			
Notes	Test Frequency: 914.777 MHz Pulse Width: 80.160ms			



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RETLIF TESTING LABORATORIES				
Test Method:	Number of Hopping Frequencies			
Customer	Immedia Semiconductor	Job No.	R-6022N-1	
Test Sample	Blink Sync Module	·		
Part Number	BSM00200U	Serial No.	200-002-2665	
Operating Mode	Transmitting hopping frequency data			
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (a)(1)(i)			
Technician	M. Seamans	Date	October 9 th , 2015	
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %			
Notes	Number of Hopping Frequencies: 44			



Date: 9.OCT.2015 14:32:35
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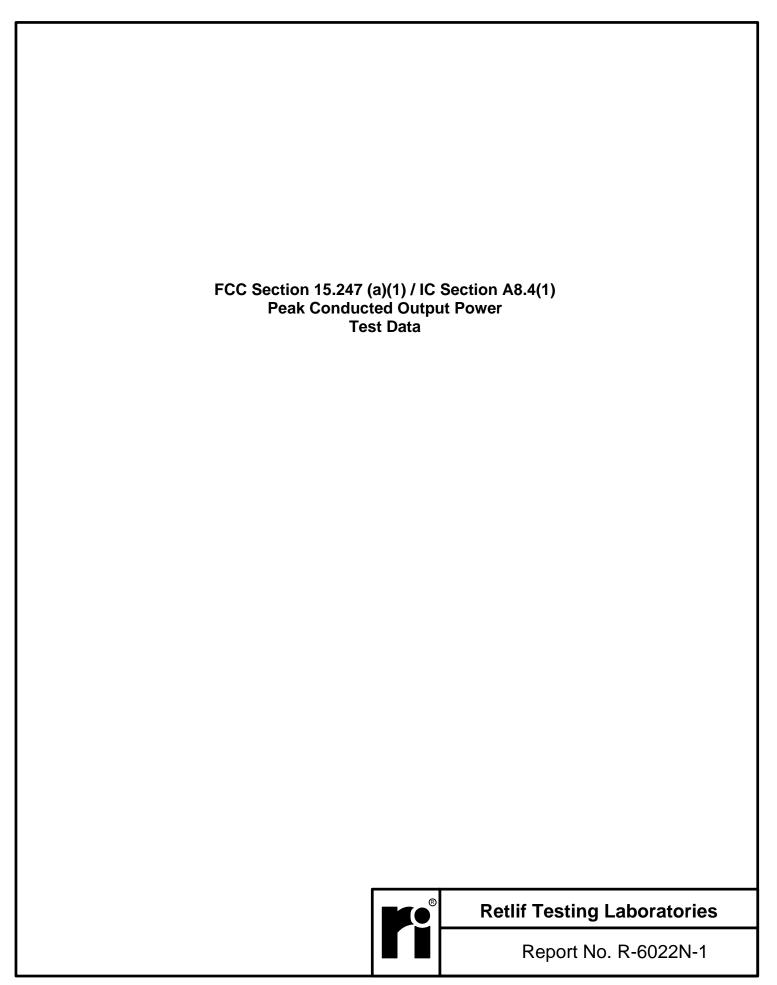
Test Photographs Peak Conducted Output Power



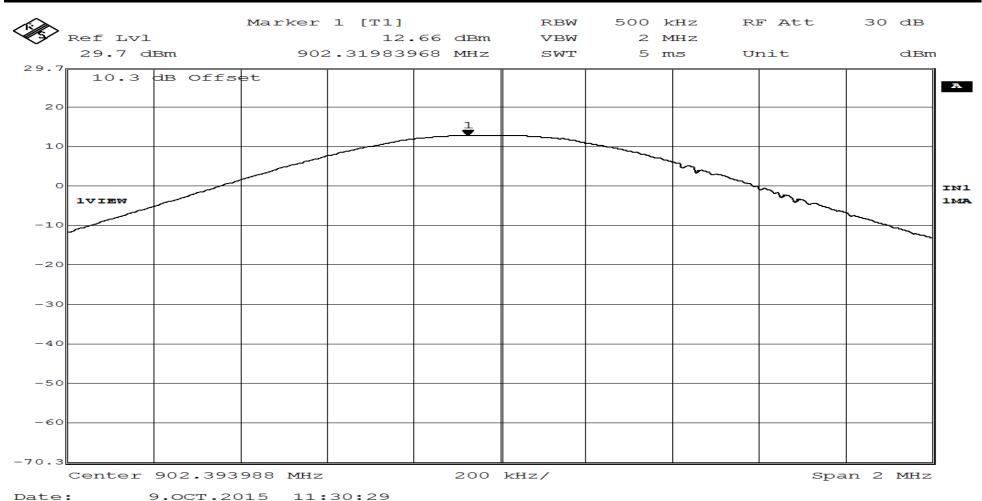
Test Setup



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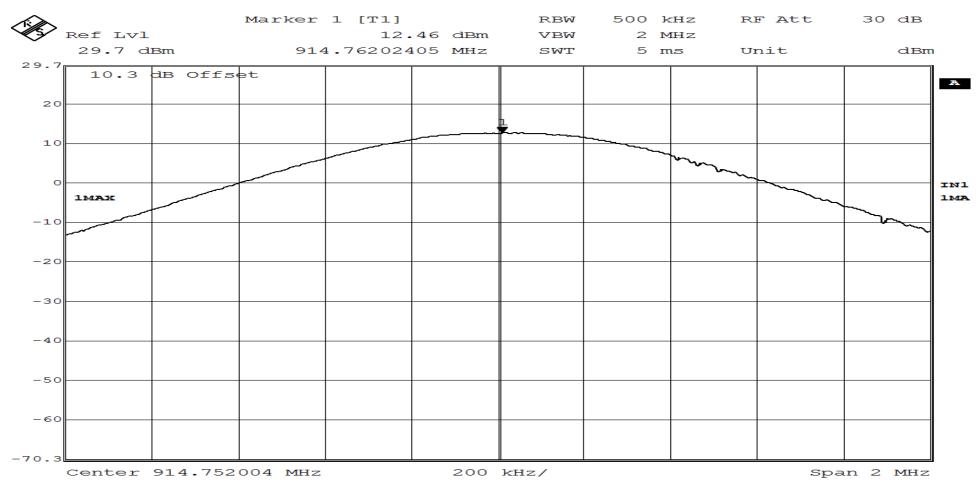


RETLIF TESTING LABORATORIES				
Test Method	Peak Power Output			
Customer	Immedia Semiconductor	Job No.	R-6022N-1	
Test Sample	Blink Sync Module			
Model Number	BSM00200U	Serial No.	200-002-2665	
Operating Mode	Transmitting modulated signal			
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (b)(3)			
Technician	M. Seamans	Date	October 9 th , 2015	
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %			
Notes	Transmit Frequency: 902.34 MHz Peak Power Output: 12.66 dBm (18.450	OmW)		

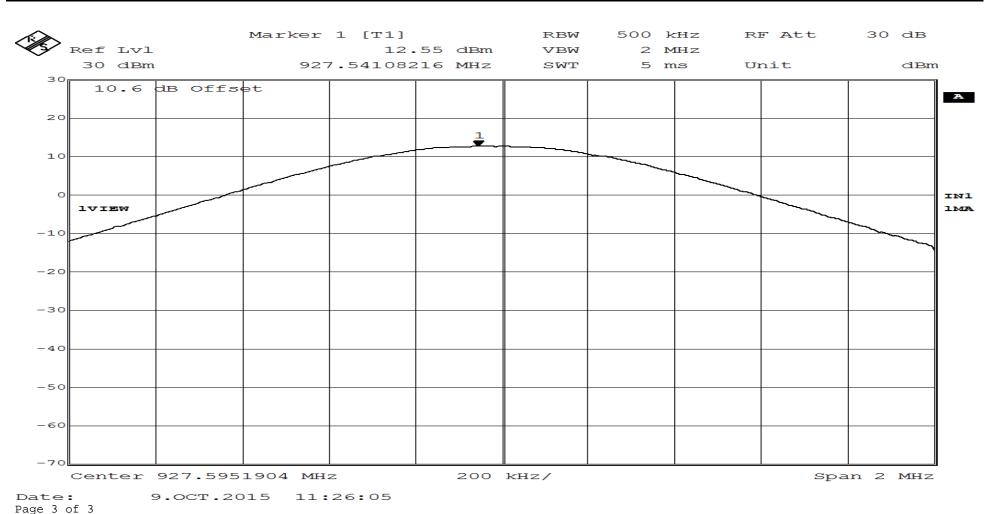


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RETLIF TESTING LABORATORIES				
Test Method	Peak Power Output			
Customer	Immedia Semiconductor	Job No.	R-6022N-1	
Test Sample	Blink Sync Module			
Model Number	BSM00200U	Serial No.	200-002-2665	
Operating Mode	Transmitting modulated signal			
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (b)(3)			
Technician	M. Seamans	Date	October 9 th , 2015	
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %			
Notes	Transmit Frequency: 914.75 MHz Peak Power Output: 12.46 dBm (17.620	OmW)		



RETLIF TESTING LABORATORIES				
Test Method	Peak Power Output			
Customer	Immedia Semiconductor	Job No.	R-6022N-1	
Test Sample	Blink Sync Module			
Model Number	BSM00200U	Serial No.	200-002-2665	
Operating Mode	Transmitting modulated signal			
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (b)(3)			
Technician	M. Seamans	Date	October 9 th , 2015	
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %			
Notes	Transmit Frequency: 927.60 MHz Peak Power Output: 12.55 dBm (17.989)	9mW)		



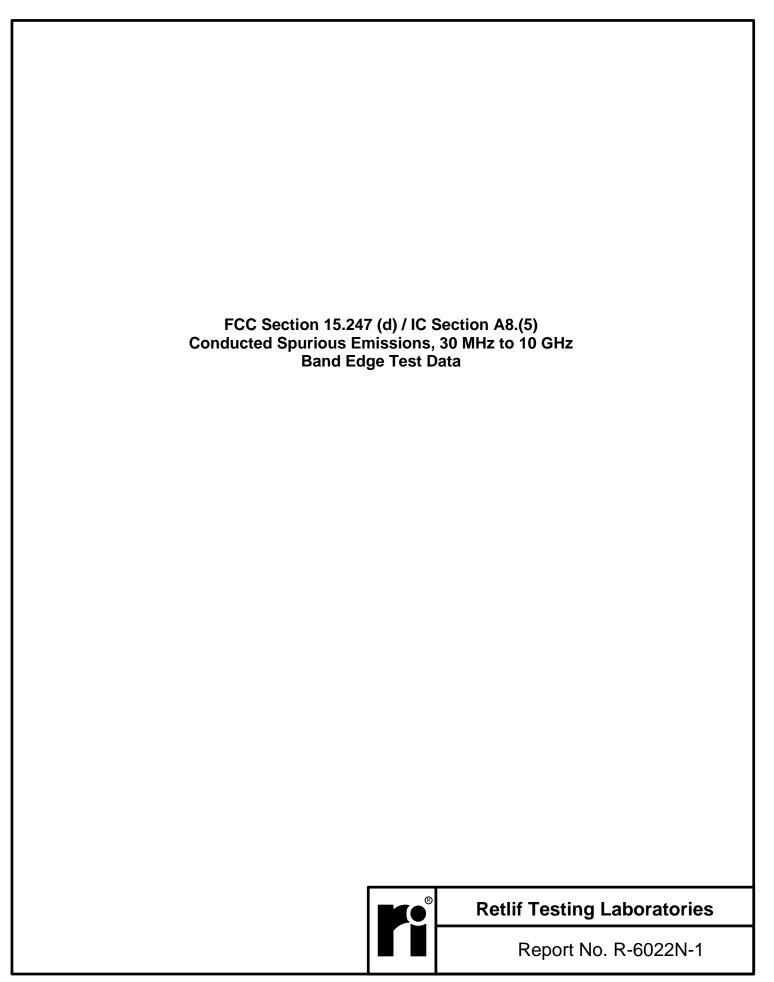
Test Photographs Conducted Spurious Emissions, 30 MHz to 10 GHz



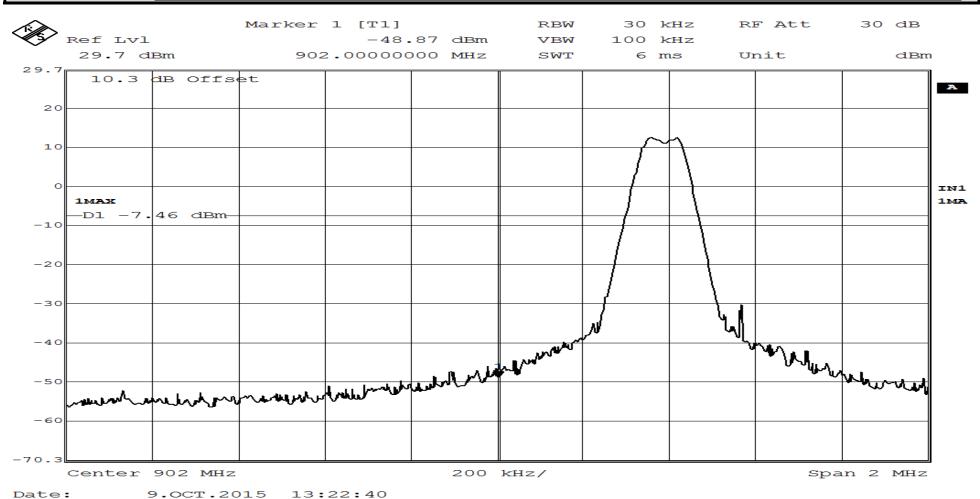
Test Setup



Retlif Testing Laboratories

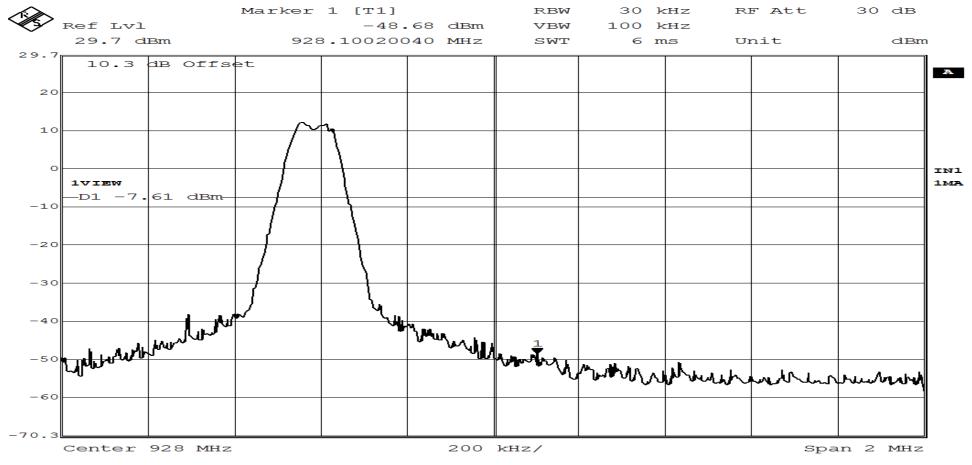


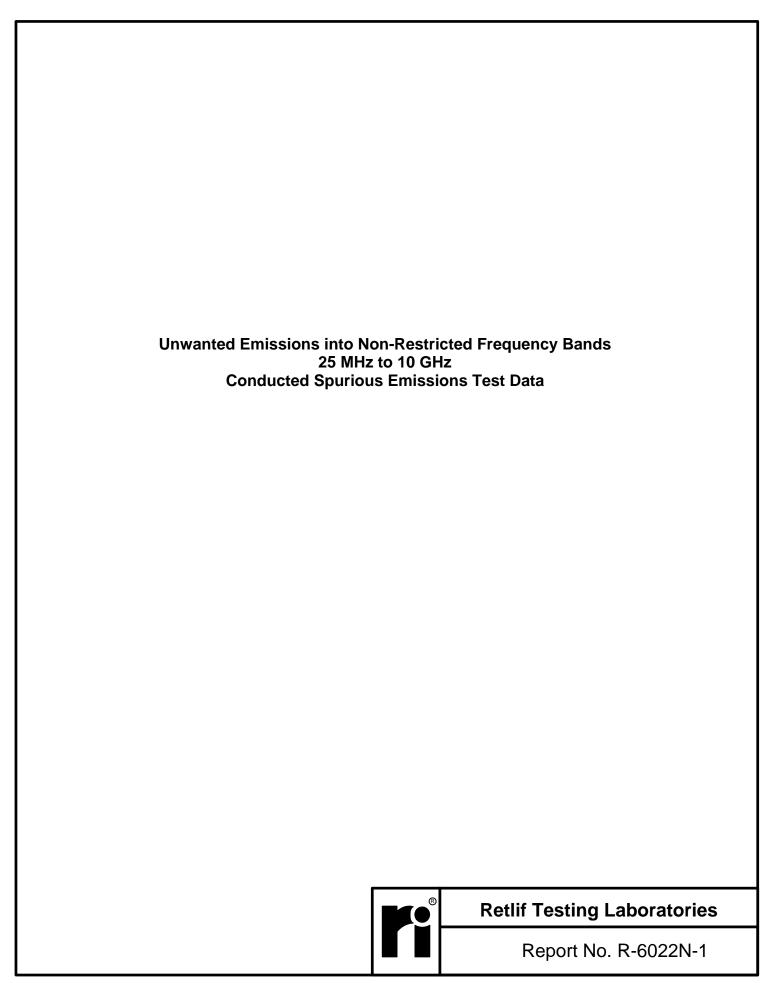
RETLIF TESTING LABORATORIES				
Test Method	Band Edge Emissions Conducted			
Customer	Immedia Semiconductor	Job No.	R-6022N-1	
Test Sample	Blink Sync Module			
Model Number	BSM00200U	Serial No.	200-002-2665	
Operating Mode	Transmitting modulated signal			
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (d)			
Technician	M. Seamans	Date	October 9 th , 2015	
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %			
Notes	Transmit Frequency: 902.36 MHz			



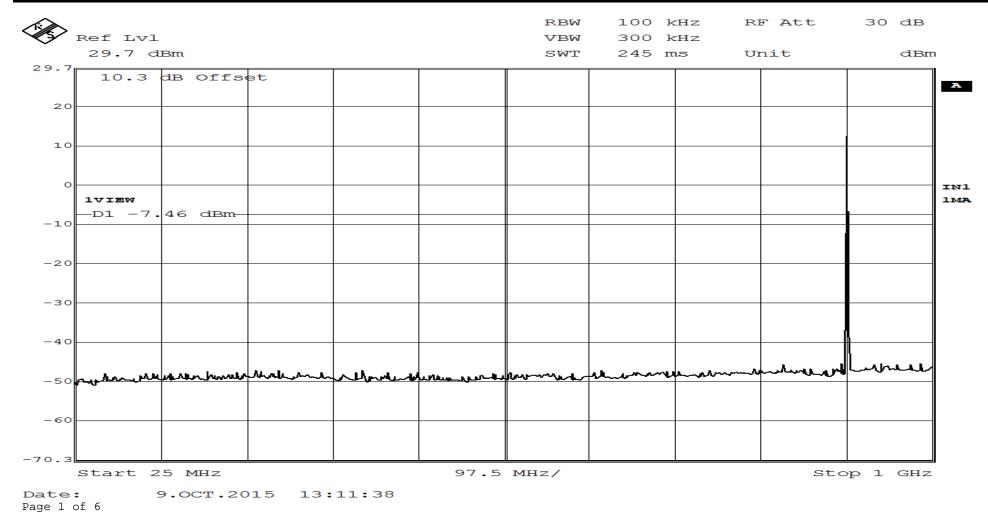
Page 1 of 2

RETLIF TESTING LABORATORIES				
Test Method	Band Edge Emissions Conducted			
Customer	Immedia Semiconductor	Job No.	R-6022N-1	
Test Sample	Blink Sync Module			
Model Number	BSM00200U	Serial No.	200-002-2665	
Operating Mode	Transmitting modulated signal			
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (d)			
Technician	M. Seamans	Date	October 9 th , 2015	
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %			
Notes	Transmit Frequency: 927.3 MHz			

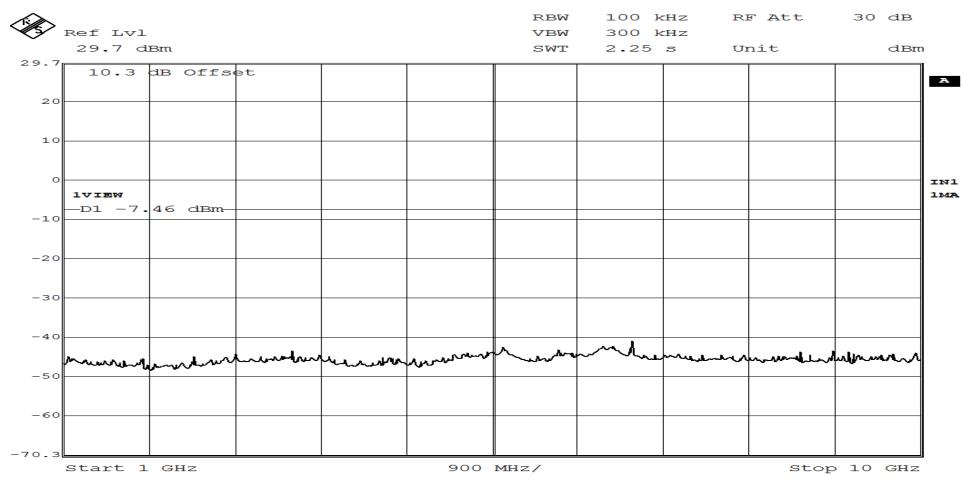




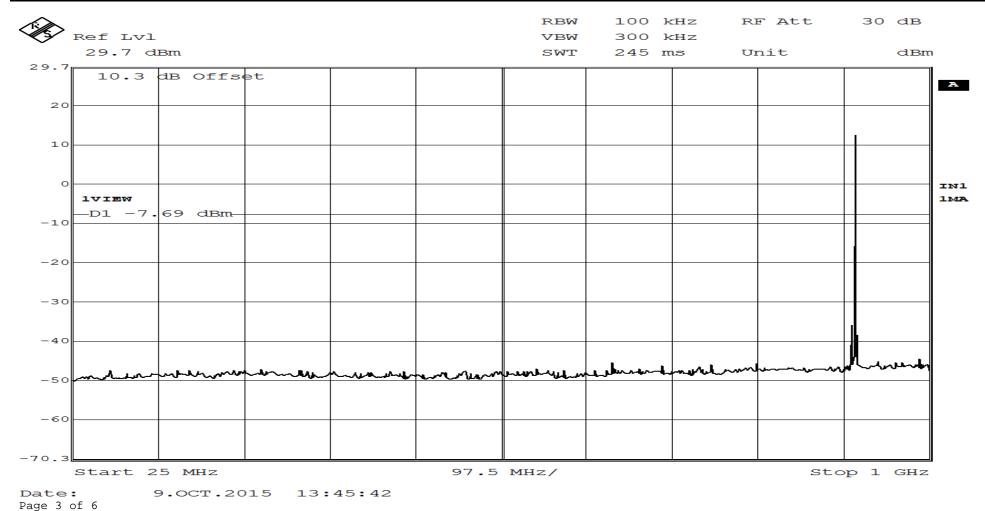
	RETLIF TESTING LABORATORIES					
Test Method	Unwanted Emissions into Non-Restricted Frequency Bands					
Customer	Immedia Semiconductor	Job No.	R-6022N-1			
Test Sample	Blink Sync Module					
Model Number	BSM00200U	Serial No.	200-002-2665			
Operating Mode	Transmitting modulated signal					
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (d)					
Technician	M. Seamans	Date	October 9th, 2015			
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %					
Notes	Transmit Frequency: 902.4 MHz Limit is 20dB down from the Fundam	ental Frequenc	y Peak Power Output			



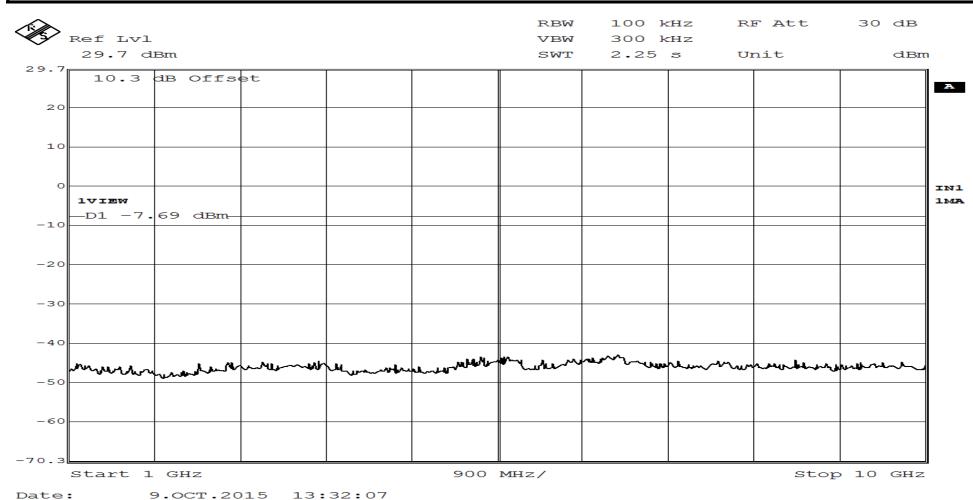
	RETLIF TESTING LABORATORIES					
Test Method	Unwanted Emissions into Non-Restricted Frequency Bands					
Customer	Immedia Semiconductor	Job No.	R-6022N-1			
Test Sample	Blink Sync Module					
Model Number	BSM00200U	Serial No.	200-002-2665			
Operating Mode	Transmitting modulated signal					
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (d)					
Technician	M. Seamans	Date	October 9th, 2015			
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %					
Notes	Transmit Frequency: 902.4 MHz Limit is 20dB down from the Fundam	nental Frequenc	ry Peak Power Output			



	RETLIF TESTING LABORATORIES					
Test Method	Unwanted Emissions into Non-Restricted Frequency Bands					
Customer	Immedia Semiconductor	Job No.	R-6022N-1			
Test Sample	Blink Sync Module					
Model Number	BSM00200U S	Serial No.	200-002-2665			
Operating Mode	Transmitting modulated signal					
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (d)					
Technician	M. Seamans	Date	October 9th, 2015			
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %					
Notes	Transmit Frequency: 915 MHz Limit is 20dB down from the Fundament	tal Frequency	Peak Power Output			

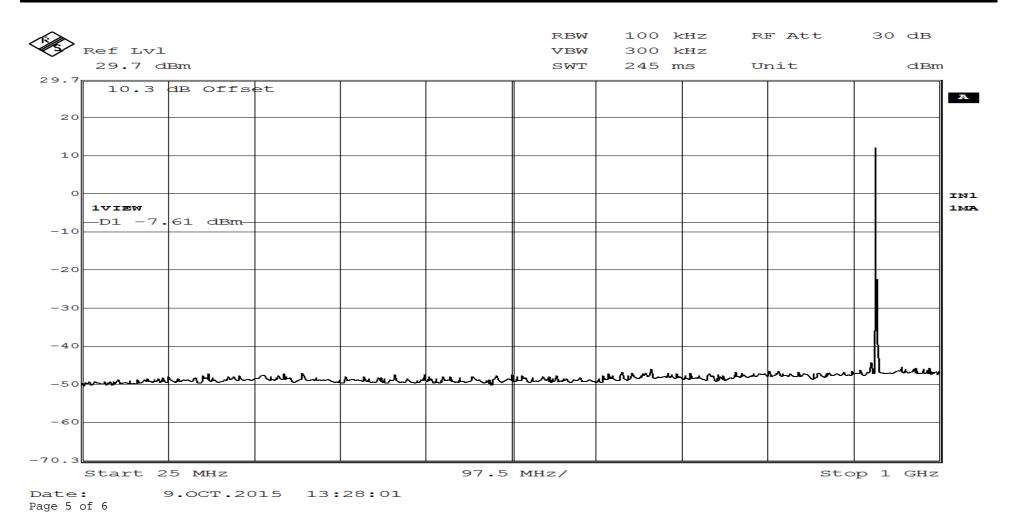


	RETLIF TESTING LABORATORIES					
Test Method	Unwanted Emissions into Non-Restricted Frequency Bands					
Customer	Immedia Semiconductor	Job No.	R-6022N-1			
Test Sample	Blink Sync Module					
Model Number	BSM00200U	Serial No.	200-002-2665			
Operating Mode	Transmitting modulated signal					
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (d)					
Technician	M. Seamans Date October 9th, 2015					
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %					
Notes	Transmit Frequency: 915 MHz Limit is 20dB down from the Fundame	ntal Frequency	Peak Power Output			

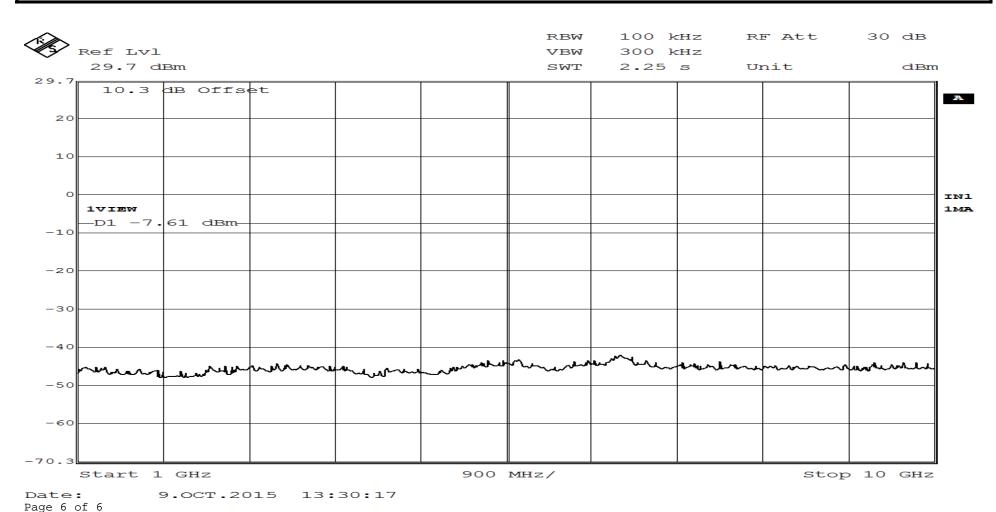


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	RETLIF TESTING LABORATORIES					
Test Method	Unwanted Emissions into Non-Restricted Frequency Bands					
Customer	Immedia Semiconductor	Job No.	R-6022N-1			
Test Sample	Blink Sync Module					
Model Number	BSM00200U	Serial No.	200-002-2665			
Operating Mode	Transmitting modulated signal					
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (d)					
Technician	M. Seamans	Date	October 9th, 2015			
Climatic Conditions	nditions Temp: 20.0 °C Relative Humidity: 32.0 %					
Notes	Transmit Frequency: 927 MHz Limit is 20dB down from the Fundame	ntal Frequency	Peak Power Output			



	RETLIF TESTING LABORATORIES					
Test Method	Unwanted Emissions into Non-Restricted Frequency Bands					
Customer	Immedia Semiconductor	Job No.	R-6022N-1			
Test Sample	Blink Sync Module					
Model Number	BSM00200U	Serial No.	200-002-2665			
Operating Mode	Transmitting modulated signal					
Test Specification	FCC Part 15, Subpart C Paragraph: 15.247 (d)					
Technician	M. Seamans	Date	October 9th, 2015			
Climatic Conditions	Temp: 20.0 °C Relative Humidity: 32.0 %					
Notes	Transmit Frequency: 927 MHz Limit is 20dB down from the Fundame	ntal Frequency	Peak Power Output			



Test Photographs Field Strength of Spurious Emissions



Test Configuration



Retlif Testing Laboratories

Test Photographs Field Strength of Spurious Emissions



Horizontal Antenna Polarization, 25 MHz – 1 GHz

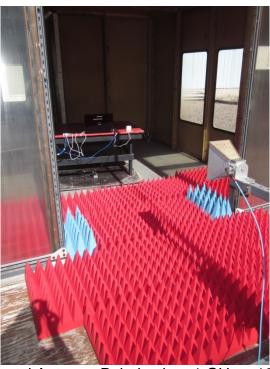


Vertical Antenna Polarization, 25 MHz – 1 GHz



Retlif Testing Laboratories

Test Photographs Field Strength of Spurious Emissions



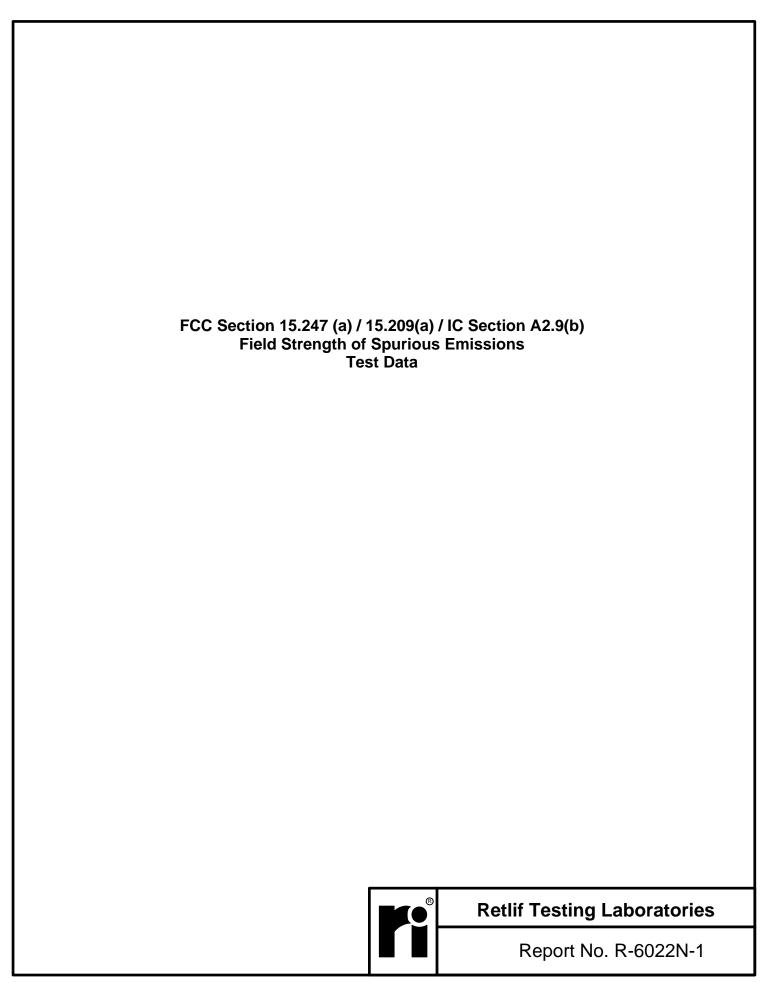
Horizontal Antenna Polarization, 1 GHz – 10 GHz



Vertical Antenna Polarization, 1 GHz – 10 GHz



Retlif Testing Laboratories



	= RETLIF TESTING LABORATORIES ==						
	EMISSIONS TEST DATA SHEET						
Test Method	Unwanted Emissions into Restricted Frequency Bands						
Customer	Immedia Semiconductor						
Job Number	R-6022N-1						
Test Sample	Blink Sync Module						
Model Number	BSM00200U						
Serial Number	200-002-2665						
Test Specification	FCC Part 15 Subpart C	Paragraph: 15.247(d)					
Operating Mode	Transmitting hopping frequency data						
Technician	M. Seamans						
Date	October 6 th , 2015						
	<u> </u>						

			TEST P	ARAMETERS	S		
Restricted Band	Measured Frequency	Meter Reading	Correction Factor	Corrected Reading		Converted Reading	Limit at 3M
MHz	MHz	dBuV	dB	dBuV/m		uV/m	uV/m
37.50	-	-	-	-		-	100.00
	38.00	21.99	14.20	36.19	*	64.49	I
38.25	-	-	-	-		-	100.00
73.00	-	-	-	-		-	100.00
	74.00	17.88	8.36	26.24	*	20.51	I
74.60	-	-	-	-		-	100.00
74.80	-	-	-	-		-	100.00
	75.00	17.14	8.36	25.50	*	18.84	
75.20	-	-	-	-		-	100.00
108.00	-	-	-	-		-	150.00
	111.60	18.65	10.02	28.67		27.13	
	114.20	24.29	9.86	34.15		50.99	
121.94	-	-	-	-		-	150.00
123.00	-	-	-	-		-	150.00
	123.30	13.29	9.44	22.73		13.69	
	125.60	19.34	9.40	28.74		27.35	
138.00	-	-	-	-		-	150.00

EUT emissions observed throughout the given frequency spectrum were recorded and evaluated. Emission levels closest to the limit are listed on this data sheet. * This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).

Data Sheet 1 of 7



Retlif Testing Laboratories

======================================					
	EMISSIONS TEST DATA SHEET				
Test Method	Unwanted Emissions into Restricted Frequency Bands				
Customer	Immedia Semiconductor				
Job Number	R-6022N-1				
Test Sample	Blink Sync Module				
Model Number	BSM00200U				
Serial Number	200-002-2665				
Test Specification	FCC Part 15 Subpart C	Paragraph: 15.247(d)			
Operating Mode	Transmitting hopping frequency data				
Technician	M. Seamans				
Date	October 6 th , 2015				

TEST PARAMETERS							
Restricted Band	Measured Frequency	Meter Reading	Correction Factor	Corrected Reading		Converted Reading	Limit at 3M
MHz	MHz	dBuV	dB	dBuV/m		uV/m	uV/m
149.90	-	-	-	-		-	150.00
	150.00	13.66	11.17	24.83	*	17.44	
150.05	-	-	-	-		-	150.00
156.52	-	-	-	-		-	150.00
I	156.52	8.88	12.08	20.96	*	11.17	
156.52	-	-	-	-		-	150.00
156.70	-	-	-	-		-	150.00
	156.80	6.31	12.12	18.43	*	8.35	
156.90	-	-	-	-		-	150.00
162.01	-	-	-	-			150.00
	165.00	9.21	12.68	21.89	*	12.43	
167.17	-	-	-	-		-	150.00
167.72	-	-	-	-			150.00
	170.00	9.50	12.80	22.30	*	13.03	1
173.20	-	-	-	-		-	150.00

No EUT emissions within 10 dB of the specified test limit were observed at the specified test distance throughout the given frequency spectrum. * This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).

Data Sheet 2 of 7



Retlif Testing Laboratories

	RETLIF TESTING LABORATORIES	
	EMISSIONS TEST DATA SHEET	
Test Method	Unwanted Emissions into Restricted Frequency Bands	
Customer	Immedia Semiconductor	
Job Number	R-6022N-1	
Test Sample	Blink Sync Module	
Model Number	BSM00200U	
Serial Number	200-002-2665	
Test Specification	FCC Part 15 Subpart C	Paragraph: 15.247(d)
Operating Mode	Transmitting hopping frequency data	
Technician	M. Seamans	
Date	October 6 th , 2015	

			TEST P	ARAMETERS			
Restricted Band	Measured Frequency	Meter Reading	Correction Factor	Corrected Reading	_	Converted Reading	Limit at 3M
MHz	MHz	dBuV	dB	dBuV/m		uV/m	uV/m
240.00	-	-	-	-		-	200.00
	266.70	15.35	16.85	32.20		40.74	
285.00	-	-	-	-		-	200.00
322.80	-	-	-	-		-	200.00
	330.00	3.41	18.91	22.32	*	13.06	
335.40	-	-	-	-		-	200.00
399.90	_		_	_		_	200.00
	405.00	3.40	21.49	24.89	*	17.56	
410.00	-	-	-	-		-	200.00
608.00	-	-	-	-		-	200.00
	611.00	0.54	27.34	27.88	*	24.77	
614.00	-	-	-	-		-	200.00
960.00	_		_	_		_	500.00
1	975.00	1.33	32.10	33.43	*	46.94	300.00
1240.00	-	-	-	-		-	500.00
1300.00	_		_	_			500.00
1300.00	1350.00	32.8	-9.50	23.30	*	14.62	500.00
1427.00					*		500.00
1427.00	-	-	-	-		-	500.00

EUT emissions observed throughout the given frequency spectrum were recorded and evaluated. Emission levels closest to the limit are listed on this data sheet. * This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).

Data Sheet 3 of 7



Retlif Testing Laboratories

RETLIF TESTING LABORATORIES					
EMISSIONS TEST DATA SHEET					
Test Method	Unwanted Emissions into Restricted Frequency Bands				
Customer	Immedia Semiconductor				
Job Number	R-6022N-1				
Test Sample	Blink Sync Module				
Model Number	BSM00200U				
Serial Number	200-002-2665				
Test Specification	FCC Part 15 Subpart C	Paragraph: 15.247(d)			
Operating Mode	Transmitting hopping frequency data	·			
Technician	M. Seamans				
Date	October 6 th , 2015				
Notes: Antenna Test D	istance: 3 meters Detector: Quasi-Peak <1GHz, Average >1GHz				

TEST PARAMETERS							
Restricted Band	Measured Frequency	Meter Reading	Correction Factor	Corrected Reading		Converted Reading	Limit at 3M
MHz	MHz	dBuV	dB	dBuV/m		uV/m	uV/m
1435.00	-	-	-	-		-	500.00
	1500.00	36.73	-9.4	27.33	*	23.25	
1646.50	-	-	-	-		-	500.00
1660.00	-		-	_		_	500.00
	1680.00	31.71	-9.04	22.67	*	13.59	
1710.00	-	-	-	-		-	500.00
1718.80	_		-	-			500.00
	1720.00	31.46	-8.64	22.82	*	13.83	
1722.20	-	-	-	-		-	500.00
2200.00	-	-	-	-		-	500.00
	2250.00	31.79	-6.76	25.03	*	17.84	
2300.00	-	-	-	-		-	500.00
2310.00	-	-	-	-		-	500.00
	2360.00	30.93	-6.51	24.42	*	16.63	
2390.00	-	-	-	-		-	500.00
2483.50	-	-	-	-			500.00
	2490.00	32.19	-6.11	26.08	*	20.13	
2500.00	-	-	-	-		-	500.00

No EUT emissions within 10 dB of the specified test limit were observed at the specified test distance throughout the given frequency spectrum. * This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).

Data Sheet 4 of 7



Retlif Testing Laboratories

RETLIF TESTING LABORATORIES					
EMISSIONS TEST DATA SHEET					
Test Method	Unwanted Emissions into Restricted Frequency Bands				
Customer	Immedia Semiconductor				
Job Number	R-6022N-1				
Test Sample	Blink Sync Module				
Model Number	BSM00200U				
Serial Number	200-002-2665				
Test Specification	FCC Part 15 Subpart C	Paragraph: 15.247(d)			
Operating Mode	Transmitting hopping frequency data				
Technician	M. Seamans				
Date	October 6 th , 2015				

TEST PARAMETERS							
Restricted Band	Measured Frequency	Meter Reading	Correction Factor	Corrected Reading		Converted Reading	Limit at 3M
MHz	MHz	dBuV	dB	dBuV/m		uV/m	uV/m
2690.00	-	-	-	-		-	500.00
	2706.00	36.42	-5.4	31.02		35.56	
	2745.00	36.91	-5.4	31.51		37.62	
	2781.00	37.15	-5.4	31.51		38.68	
2900.00	-	-	-	-		-	500.00
3260.00	-	-	-	-		-	500.00
	3263.00	29.93	-3.4	26.53	*	21.20	
3267.00	-	-	-	-		-	500.00
3332.00	-	-	-	-		-	500.00
	3336.00	30.58	-3.1	27.48	*	23.65	
3339.00	-	-	-	-		-	500.00
3345.00	-	-	-	-		-	500.00
	3350.00	30.1	-3.1	27.00	*	22.38	
3358.00	-	-	-	-		-	500.00
3600.00	-	-	-	-		-	500.00
	3608.00	38.19	-2.4	35.79		61.58	
	3660.00	37.90	-2.4	35.50		59.56	
	3708.00	37.50	-2.4	35.10		56.88	

EUT emissions observed throughout the given frequency spectrum were recorded and evaluated. Emission levels closest to the limit are listed on this data sheet. * This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).

Data Sheet 5 of 7



Retlif Testing Laboratories

RETLIF TESTING LABORATORIES					
EMISSIONS TEST DATA SHEET					
Test Method	Unwanted Emissions into Restricted Frequency Bands				
Customer	Immedia Semiconductor				
Job Number	R-6022N-1				
Test Sample	Blink Sync Module				
Model Number	BSM00200U				
Serial Number	200-002-2665				
Test Specification	FCC Part 15 Subpart C	Paragraph: 15.247(d)			
Operating Mode	Transmitting hopping frequency data				
Technician	M. Seamans				
Date	October 6 th , 2015				
	<u> </u>				

	TEST PARAMETERS								
Restricted Band	Measured Frequency	Meter Reading	Correction Factor	Corrected Reading		Converted Reading	Limit at 3M		
MHz	MHz	dBuV	dB	dBuV/m		uV/m	uV/m		
	3800.00	29.29	-0.74	28.55	*	26.76			
4400.00	-	-	-	-		-	500.00		
4500.00	-	-	-	-		-	500.00		
	4510.00	40.17	-1.16	39.01		89.22			
	4575.00	39.85	-1.16	38.69		86.00			
	4635.00	40.16	-0.91	39.25		91.72			
	4900.00	29.47	-0.48	28.99	*	28.15			
5150.00	-	-	-	-		-	500.00		
5350.00	-	-	-	-		-	500.00		
	5400.00	28.45	0.89	29.34	*	29.32			
5460.00	-	-	-	-		-	500.00		
7250.00	-	-	-	-		-	500.00		
	7500.00	30.58	2.87	33.45	*	47.04			
7750.00	-	-	-	-		-	500.00		
8025.00	-	-	-	-		-	500.00		
	8118.00	30.89	3.20	34.09	*	50.64			
	8235.00	30.56	3.30	33.86	*	49.31			
	8250.00	30.35	3.50	33.90	*	49.54			
	8343.00	30.30	3.30	33.60	*	47.86			
8500.00	-	-	-	-		-	500.00		
TOT 100	1 1.1				1 . 1 5	1 1 1			

EUT emissions observed throughout the given frequency spectrum were recorded and evaluated. Emission levels closest to the limit are listed on this data sheet. * This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).

Data Sheet 6 of 7



Retlif Testing Laboratories

RETLIF TESTING LABORATORIES					
	EMISSIONS TEST DATA SHEET				
Test Method	Unwanted Emissions into Restricted Frequency Bands				
Customer	Immedia Semiconductor				
Job Number	R-6022N-1				
Test Sample	Blink Sync Module				
Model Number	BSM00200U				
Serial Number	200-002-2665				
Test Specification	FCC Part 15 Subpart C	Paragraph: 15.247(d)			
Operating Mode	Transmitting hopping frequency data				
Technician	M. Seamans				
Date	October 6 th , 2015				

	TEST PARAMETERS							
Restricted Band	Measured Frequency	Meter Reading	Correction Factor	Corrected Reading			Converted Reading	Limit at 3M
MHz	MHz	dBuV	dB	dBuV/m			uV/m	uV/m
9000.00	-	-	-	-			-	500.00
	9100.00	31.02	4.72	35.74	*		61.23	
9200.00	-	-	-	-			-	500.00
9300.00	-	_	_	-			-	500.00
	9400.00	31.21	4.56	35.77	*		61.44	
9500.00	-	-	-	-			-	500.00

No EUT emissions within 10 dB of the specified test limit were observed at the specified test distance throughout the given frequency spectrum. * This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).

Data Sheet 7 of 7



Retlif Testing Laboratories

Test Photographs AC Line Conducted Emissions



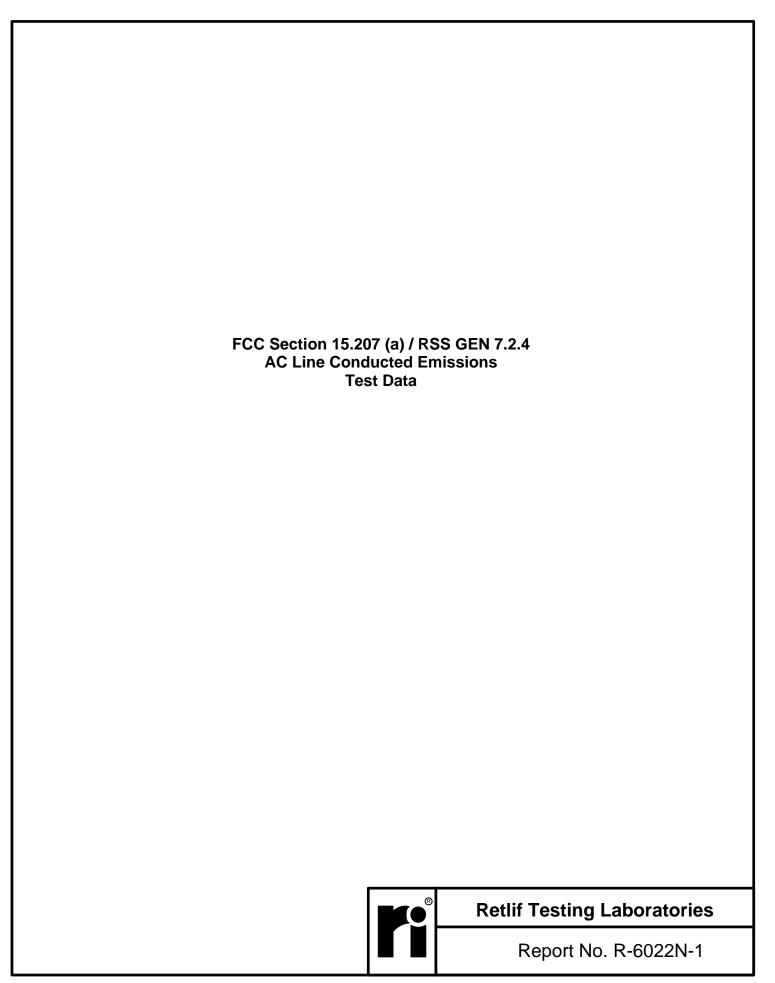
Test Configuration



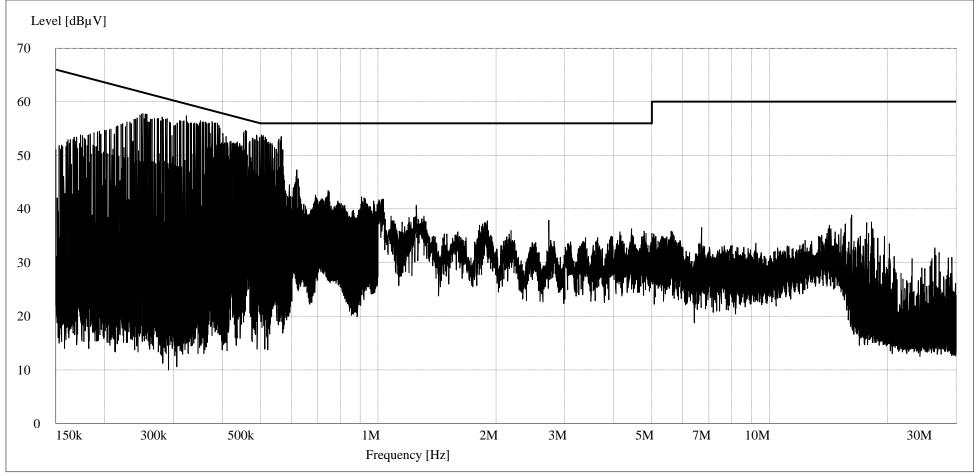
Test Setup



Retlif Testing Laboratories

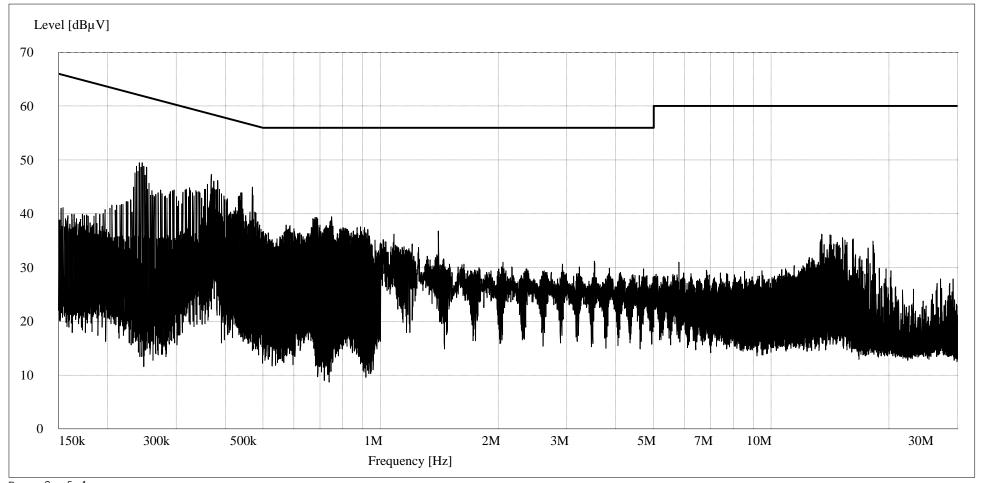


RETLIF TESTING LABORATORIES						
Test Method	Conducted Emissions 150 kHz to 30 MHz					
Customer	Immedia Semiconductor	Job No.	R-6022N-1			
Test Sample	Blink Sync Module					
Model No.	BSM00200U	Serial No.	200-002-2665			
Operating Mode	Live streaming video to iPod					
Test Specification	FCC Part 15. 207(a)					
Technician	M. Seamans	Date	October 6 th , 2015			
Climatic Conditions	Temp: 21.0 °C Relative Humidity: 40.0 %					
Lead Tested	120 VAC 60 Hz Hot Peak Readings to Quasi-Peak Limits.					



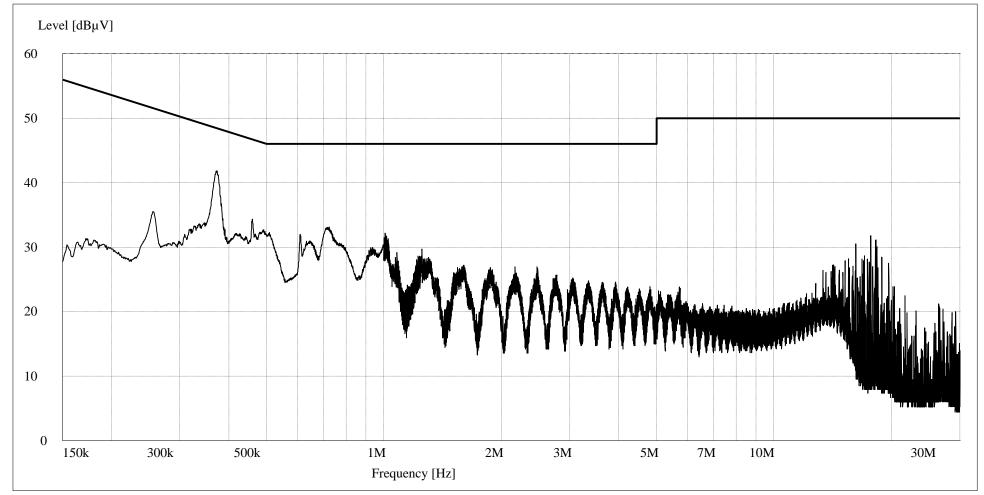
Page 1 of 4

RETLIF TESTING LABORATORIES							
Test Method	Conducted Emissions 150 kHz to 30 MHz						
Customer	Immedia Semiconductor	Job No.	R-6022N-1				
Test Sample	Blink Sync Module						
Model No.	BSM00200U	Serial No.	200-002-2665				
Operating Mode	Live streaming video to iPod						
Test Specification	FCC Part 15. 207(a)						
Technician	M. Seamans	Date	October 6 th , 2015				
Climatic Conditions	Temp: 21.0 °C Relative Humidity: 40.0 %						
Lead Tested	120 VAC 60 Hz Neutral Peak Readings to Quasi-Peak Limits.						

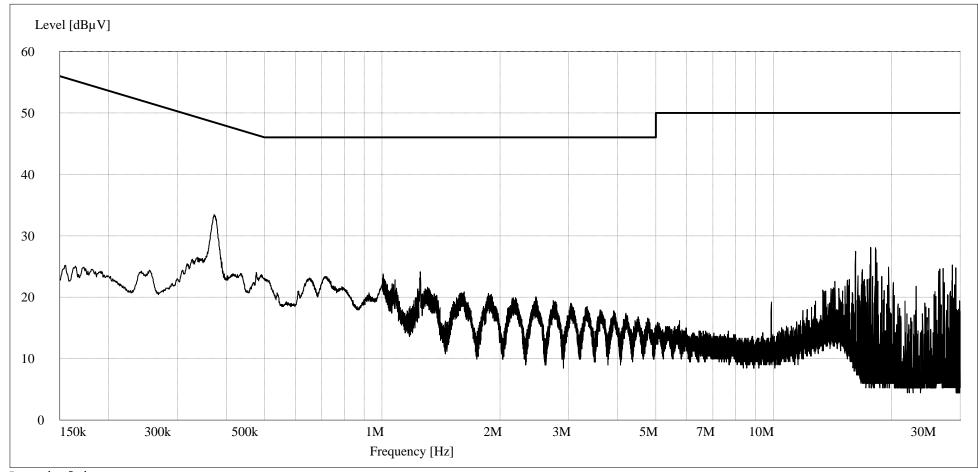


Page 2 of 4

RETLIF TESTING LABORATORIES							
Test Method	Conducted Emissions 150 kHz to 30 MHz						
Customer	Immedia Semiconductor	Job No.	R-6022N-1				
Test Sample	Blink Sync Module						
Model No.	BSM00200U	Serial No.	200-002-2665				
Operating Mode	Live streaming video to iPod						
Test Specification	FCC Part 15. 207(a)						
Technician	M. Seamans	Date	October 6 th , 2015				
Climatic Conditions	Temp: 21.0 °C Relative Humidity: 40.0 %						
Lead Tested	120 VAC 60 Hz Hot Average Readings to Average Limits.						



RETLIF TESTING LABORATORIES						
Test Method	Conducted Emissions 150 kHz to 30 MHz					
Customer	Immedia Semiconductor	Job No.	R-6022N-1			
Test Sample	Blink Sync Module					
Model No.	BSM00200U	Serial No.	200-002-2665			
Operating Mode	Live streaming video to iPod					
Test Specification	FCC Part 15. 207(a)					
Technician	M. Seamans	Date	October 6 th , 2015			
Climatic Conditions	Temp: 21.0 °C Relative Humidity: 40.0 %					
Lead Tested	120 VAC 60 Hz Neutral Average Readings to Average Limits.					



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Test Photographs Receiver Spurious Emissions



EUT Configuration



Retlif Testing Laboratories

Test Photographs Receiver Spurious Emissions



Horizontal Antenna Polarization, 25 MHz to 1 GHz

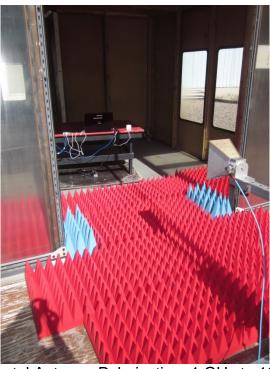


Vertical Antenna Polarization, 25 MHz to 1 GHz

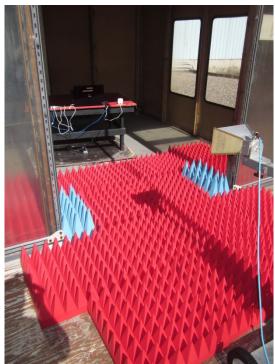


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Test Photographs Receiver Spurious Emissions



Horizontal Antenna Polarization, 1 GHz to 10 GHz



Vertical Antenna Polarization, 1 GHz to 10 GHz



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EMISSIONS TEST DATA SHEET							
Test Method	Receiver Spurious Emissions 25 MHz to 10 GHz						
Customer	Immedia Semiconductor						
Job Number	R-6022N-1						
Test Sample	Blink Sync Module						
Model Number	BSM00200U						
Serial Number	200-002-2665						
Test Specification	RSS-GEN	Paragraph: 6.1					
Operating Mode	Live streaming video to iPod	<u> </u>					
Technician	M. Seamans						
Date	October 6 th , 2015						

TEST PARAMETERS										
Test Frequency	Measured Frequency	Meter Reading	Correction Factor	Corrected Reading		Converted Reading	Limit at 3M			
MHz	MHz	dBuV	dB	dBuV/m		uV/m	uV/m			
30.00	-	-	-	-		-	100.00			
	38.00	21.99	14.20	36.19	*	64.49	I			
	74.00	17.88	8.36	26.24	*	20.51				
88.00	-	-	-	-		-	100.00			
88.00	-	-	-	-		-	150.00			
	111.60	18.65	10.02	28.67		27.13	I			
	114.20	24.29	9.86	34.15		50.99				
	123.30	13.29	9.44	22.73		13.69	i			
	125.60	19.34	9.40	28.74		27.35	i			
216.00	-	-	-	-		-	150.00			
216.00	-	-	-	-		-	200.00			
	266.70	15.35	16.85	32.20		40.74				
	330.00	3.41	18.91	22.32	*	13.06	i			
	611.00	0.54	27.34	27.88	*	24.77	i			
960.00	-	-	-	-		-	200.00			
960.00	-	-	-	-		-	500.00			
	2706.00	36.42	-5.4	31.02		35.56				
	8118.00	30.89	3.20	34.09	*	50.64	I			
10000.00	-	-	-	-		-	500.00			
-										
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EUT emissions observed throughout the given frequency spectrum were recorded and evaluated. Emission levels closest to the limit are listed on this data sheet. * This emission is not from the EUT. It is a measurement of minimum measurement system sensitivity (Noise Floor).

Data Sheet 1 of 1



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