

Technical Information

Applicant		Manufacturer	
Name:	Graco Childrens Products	Name:	Graco Childrens Products
Address:	150 Oaklands Blvd.	Address:	150 Oaklands Blvd.
City, State, Zip:	Exton, PA. 19341	City, State, Zip:	Exton, PA. 19341

Test Specification:

FCC Rules and Regulations Part 15, Subpart C, Para. 15.247

Radio Standards Specification, RSS-210, Issue 7, June, 2007 and RSS-GEN, Issue 2, June 2007

Test Procedure: ANSI C63.4:2003

Test Sample Description

TEST SAMPLE: Baby Monitor

BRANDNAME: Graco

There are two Model Numbers in the Product Family:

MODEL(s): PD115977 - Transmitter without Parent Finder Feature

PD115978 - Transmitter with Parent Finder Feature

These two units are identical except for one switch. Model Number: PD115978 was tested as the worst case configuration.

FCC ID: M6Y59775978

IC ID: 6162A-59775978

TYPE: Digital Spread Spectrum Transmitter

POWER REQUIREMENTS: 4.5 VDC (Battery) or 6 VDC derived from 120 VAC, 60 Hz Adaptor

FREQUENCY OF OPERATION: 902 to 925 MHz

Tests Performed

The test methods performed on the 902 to 925 MHz Digital Spread Spectrum Transmitter are shown below:

FCC Part 15, Subpart C	Industry Canada RSS-210 Issue 7, June 2007	Industry Canada RSS-GEN Issue 2, June 2007	Test Method
15.247(a)(2)	A8.2(a)	N/A	Occupied Bandwidth
15.247(b)(3)	A8.4(4)	N/A	Power Output
15.247(d)	A8.5	N/A	Antenna Port, Conducted Emissions
15.247(e)	A8.2(b)	N/A	Antenna Port, Power Density
15.209(a)	2.6	N/A	Spurious Radiated Emissions, 30 MHz to 1 GHz
15.247(d) and 15.205	A8.5	N/A	Spurious Radiated Emissions 1 GHz to 10 GHz
15.207(b)	N/A	7.2.2	Conducted Emissions, Power Leads, 150 kHz to 30 MHz

Requirements and Test Results

Requirement:

FCC Section 15.247(a)(2)

Operation within the bands 902 - 928 MHz, 2400 - 2483.5 MHz and 5725 - 5850 MHz

Systems using digital modulation techniques may operate in the 902 - 928 MHz, 2400 - 2483.5 MHz and 5725 - 5850 MHz bands. The minimum 6 dB bandwidths shall be at least 500 kHz.

IC RSS-210, A8.2(a) - Digital Modulation Systems

The minimum 6 dB bandwidth shall be at least 500 kHz.

- Results:
The minimum 6 dB bandwidth measured 550 kHz which complies with the requirement that the Bandwidth be no less than 500 kHz.

Requirement:

FCC Sections 15.247(b)(3)

Operation within the bands 902 - 928 MHz, 2400 - 2483.5 MHz and 5725 - 5850 MHz

The maximum peak conducted output power of the intentional radiator shall not exceed the following:

For systems using digital modulation in the 902 - 928 MHz, 2400 - 2483.5 MHz and 5725 - 5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antenna and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antenna and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

IC RSS-210, A8.4(4) - Transmitter Output Power and e.i.r.p. Requirements

For systems employing digital modulation techniques operating in the bands 902 - 928 MHz, 2400 - 2483.5 MHz and 5725 - 5850 MHz, the maximum peak conducted output power shall not exceed 1 Watt. Except as provided in Section A8.4(5), the e.i.r.p. shall not exceed 4 Watts.

As an alternative to a peak power measurement, compliance can be based on a measurement of the maximum conducted output power (RSS-Gen).

- Results:
The device operates in the 902 - 928 MHz band. The maximum peak output power was measured and was found to be 14.16 mWatts, in compliance with the specified limit of 1 watt.

Requirements and Test Results (con't)

Requirement:

FCC Section 15.247(d):

Operation within the bands 902 - 928 MHz, 2400 - 2483.5 MHz and 5725 - 5850 MHz

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 this section, 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 emissions limits specified in Section 15.209(a) (see Section 15.205(c)).

IC RSS-210, 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), 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:

In any 100 kHz bandwidth outside the frequency band in which the Spread spectrum intentional radiator was operating, the radio frequency power that was produced by the intentional radiator was at least 20 dB below that in the 100 kHz bandwidth within the band that contained the highest level of the desired power. All emissions, which fell within the restricted bands specified in 15.205(a), were measured and found to be in compliance with the limits specified in 15.209(a).

Requirement:

FCC Section 15.247(e):

Operation within the bands 902 - 928 MHz, 2400 - 2483.5 MHz and 5725 - 5850 MHz

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

IC RSS-210, A8.2(b) - Digital Modulation Systems:

The transmitter power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission or over 1.0 second if the transmission exceeds 1.0 second duration. This power spectral density shall be determined in accordance with the provisions of Section A8.4(4); (i.e. the power spectral density shall be determined using the same method for determining the conducted output power).

- **Results:**
The power spectral density conducted from the intentional radiator to the antenna was not greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density was determined in accordance with Section 15.247(b)(3), herein. The same method of determining the conducted output power was used to determine the power spectral density.

Requirement:

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 1.

IC RSS-210, 2.6 - General Field Strength Limits:

Table 1 shows the general field strength limits of unwanted emissions, where applicable, for transmitters operating in accordance with the provisions specified in this RSS.

Table 1 - Radiated Emission Limits

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

- **Results:**
The field strength of spurious radiated emissions did not exceed the limits specified in Table 1.

Requirements and Test Results (con't)

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 2, 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 7.2.2:

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 2. 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.

Table 2 - Conducted Emission Limits

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	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

- Results:
The conducted emissions observed did not exceed the limits specified in Table 2.

Spectrum Analyzer Desensitization Considerations

Due to the nature of the emissions being measured, care was taken to ensure that the resolution bandwidth of the spectrum analyzer was adequate to provide accurate measurements. FCC specified bandwidths of 100 kHz and 1 MHz were utilized below and above 1 GHz, respectively.

General Notes

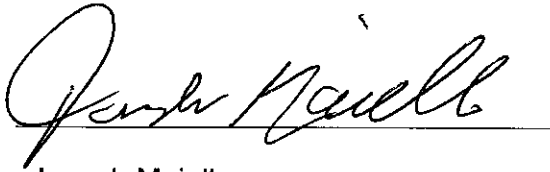
1. All readings were taken utilizing a peak detector/or average detector function at a test distance of 3 meters.
2. A 10 Hz Video Bandwidth was utilized in order to determine the average value of the emissions.
3. All measurements were made with the device powered by an AC Adapter with an input of 120 VAC, 60 Hz.
4. The frequency range was scanned from 30 MHz to 10 GHz. All emissions not reported were more than 20 dB below the specified limit.

Modifications

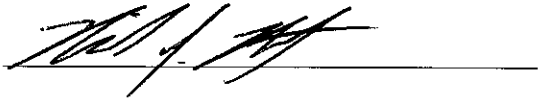
No Modifications were made during the course of this testing program in order to demonstrate compliance with the specified requirements.

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.



Joseph Maiello
Branch Manager



Richard J. Reitz
Corporate Laboratory Manager
iNARTE Certified Engineer ATL-0036-E

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

Occupied Bandwidth

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due Date
8357	10.0 dB Attenuator	Narda	DC - 11 GHz, 20 W	768-10	6/6/2008	6/6/2009
R603	Spectrum Analyzer	Agilent	100 kHz - 26.5 GHz	E7405A;B	5/12/2009	5/12/2010

Power Output

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due Date
8357	10.0 dB Attenuator	Narda	DC - 11 GHz, 20 W	768-10	6/6/2008	6/6/2009
R603	Spectrum Analyzer	Agilent	100 kHz - 26.5 GHz	E7405A;B	5/12/2009	5/12/2010

Antenna Port, Conducted Emissions

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due Date
8357	10.0 dB Attenuator	Narda	DC - 11 GHz, 20 W	768-10	6/6/2008	6/6/2009
R603	Spectrum Analyzer	Agilent	100 kHz - 26.5 GHz	E7405A;B	5/12/2009	5/12/2010

Antenna Port, Power Density

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due Date
8357	10.0 dB Attenuator	Narda	DC - 11 GHz, 20 W	768-10	6/6/2008	6/6/2009
R603	Spectrum Analyzer	Agilent	100 kHz - 26.5 GHz	E7405A;B	5/12/2009	5/12/2010

Spurious Radiated Emissions, 30 MHz to 1 GHz

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due Date
8080	Receiver	Rohde & Schwarz	20-1300 MHz	ESVP	1/8/2008	7/7/2009
8300	OATS Site NSA	RSI	3/10 Meter Site		8/15/2008	8/15/2009
8300B	OATS Cable				9/10/2008	9/10/2009
8365	Biconilog	EMCO	26 MHz - 3 GHz	3142C	9/12/2007	9/12/2009
R603	Spectrum Analyzer	Agilent	100 kHz - 26.5 GHz	E7405A;B	5/12/2009	5/12/2010

Spurious Radiated Emissions, 1 GHz to 10 GHz

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due Date
713	EMI Test Receiver	Rohde & Schwarz	20 Hz - 26.5 GHz	ESIB26	8/23/2008	8/23/2009
8017	Double Ridge Guide	EMCO	1 - 18 GHz	3115	8/6/2007	8/6/2009
8060A	Cable	Retlif	10 kHz - 18 GHz	25' Type N	8/14/2008	8/14/2009
8061A	Cable	Retlif	10 kHz - 18 GHz	25' Type N	1/26/2009	1/26/2010
8300	OATS Site NSA	RSI	3/10 Meter Site		8/15/2008	8/15/2009
8300B	OATS Cable				9/10/2008	9/10/2009
8317	Preamplifier	Agilent	1-26.5 GHz, 30 dB	8449B	4/6/2007	6/4/2009
R603	Spectrum Analyzer	Agilent	100 kHz - 26.5 GHz	E7405A;B	5/12/2009	5/12/2010

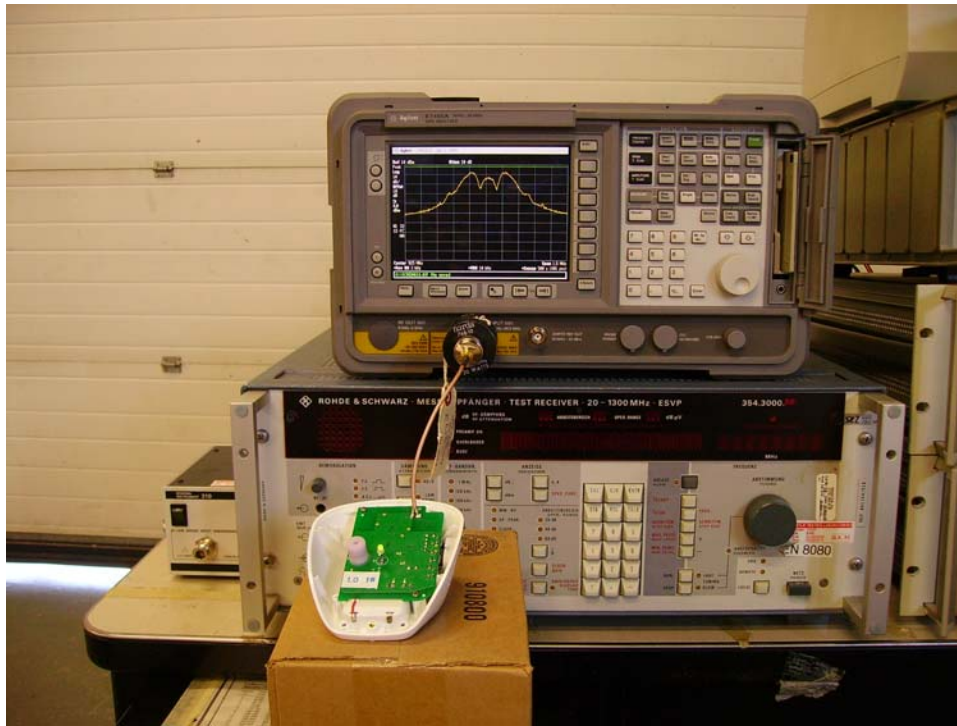
Equipment List (con't)

Conducted Emissions, Power Leads, 150 kHz to 30 MHz

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due Date
713	EMI Test Receiver	Rohde & Schwarz	20 Hz - 26.5 GHz	ESIB26	8/23/2008	8/23/2009
8194	LISN	Solar Electronics	10 kHz - 30 MHz	8028-50-TS-24-B	11/17/2007	11/17/2009
8195	LISN	Solar Electronics	10 kHz - 30 MHz	8028-50-TS-24-B	11/17/2007	11/17/2009
8357	10.0 dB Attenuator	Narda	DC - 11 GHz, 20 W	768-10	6/6/2008	6/6/2009
8366A	Cable 20' BNC	Retlif	10 kHz - 1 GHz	n/a	10/30/2008	10/30/2009

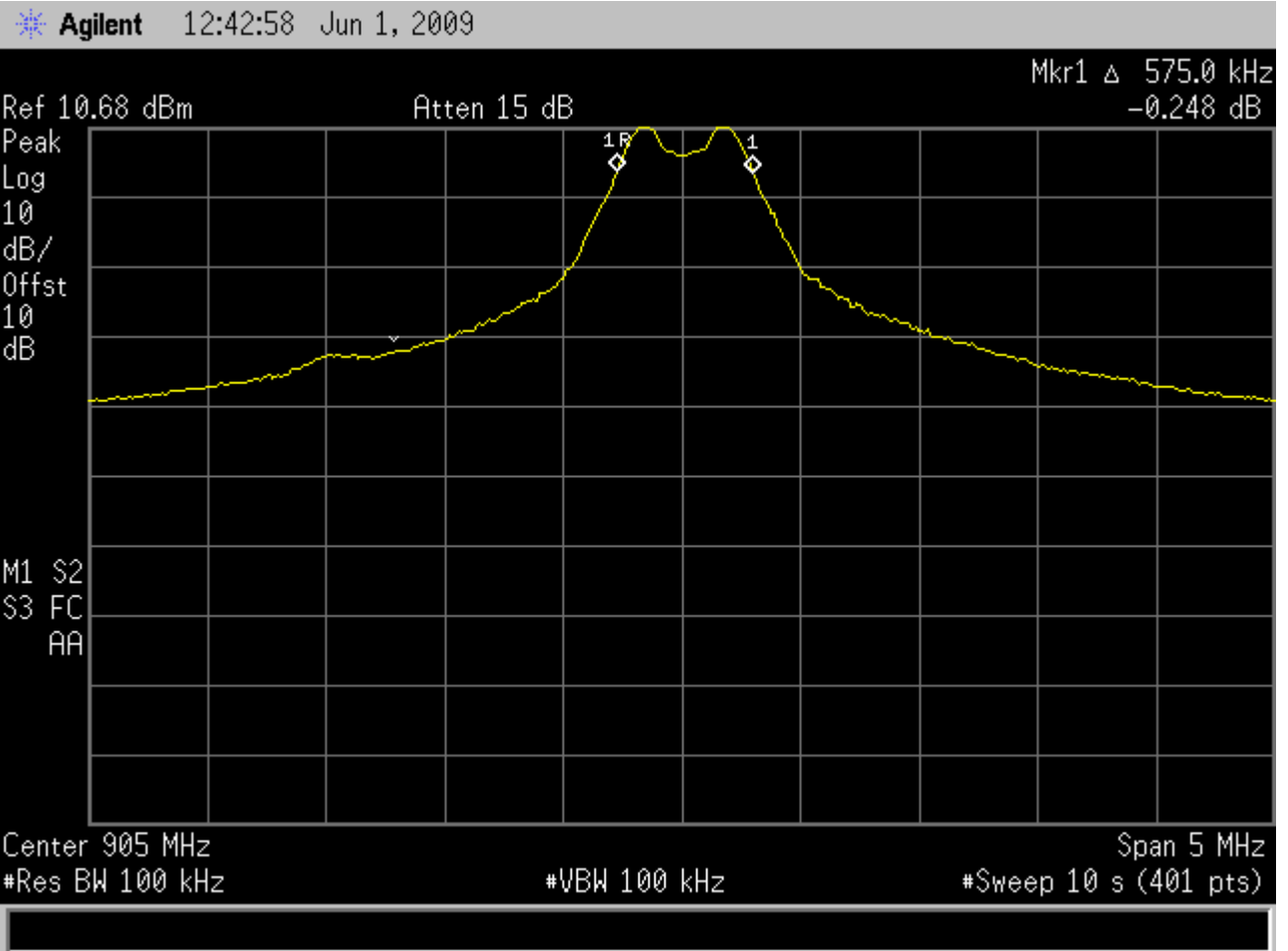
**Test Photograph(s)
Occupied Bandwidth
FCC Part 15, Subpart C, Section 15.247(a)(2)
RSS-210, Section A8.2(a)**

Test Photograph(s) Occupied Bandwidth



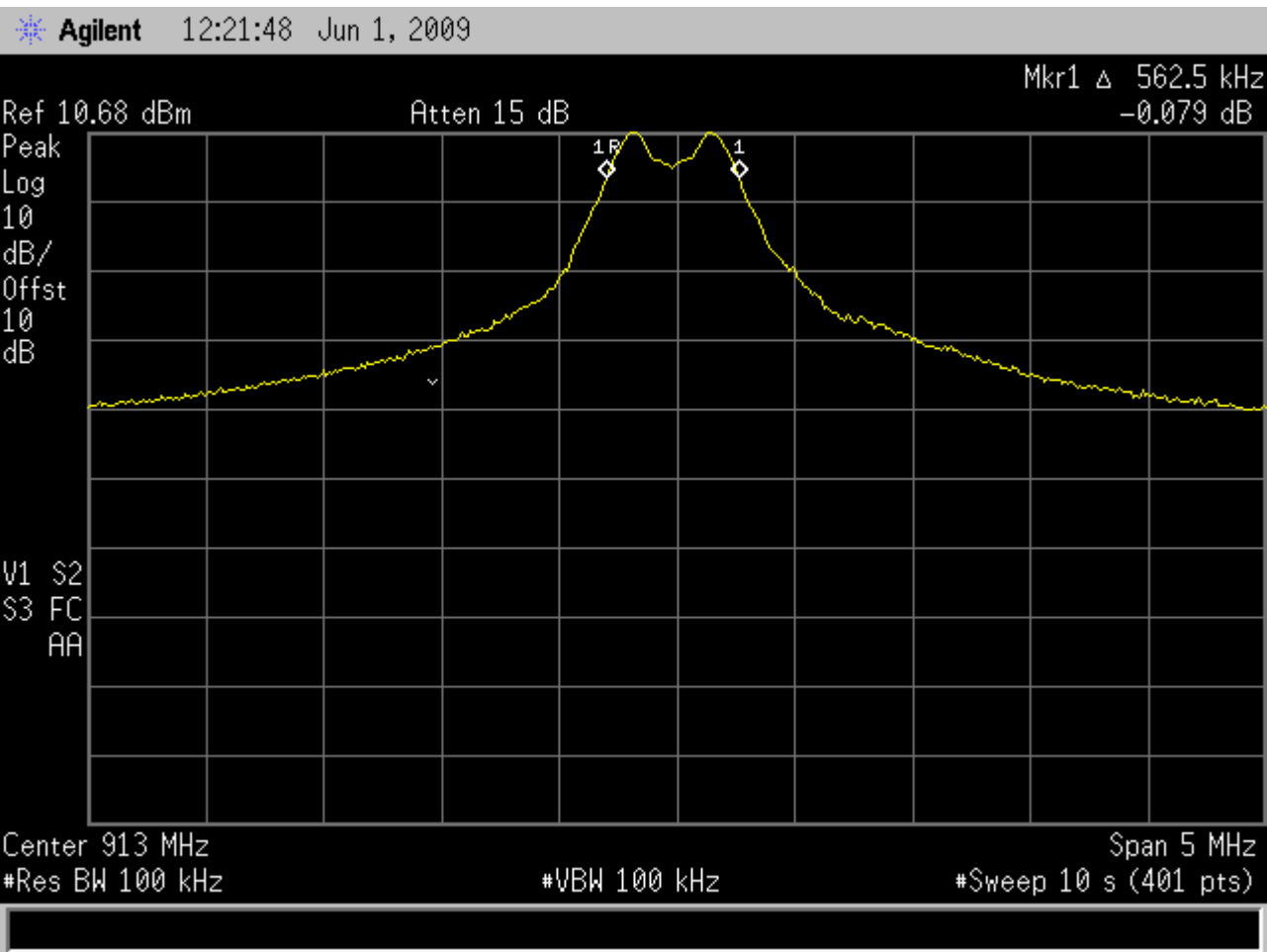
EUT Configuration

Occupied Bandwidth
FCC Part 15, Subpart C, Section 15.247(a)(2)
RSS-210, Section A8.2(a)
Test Data



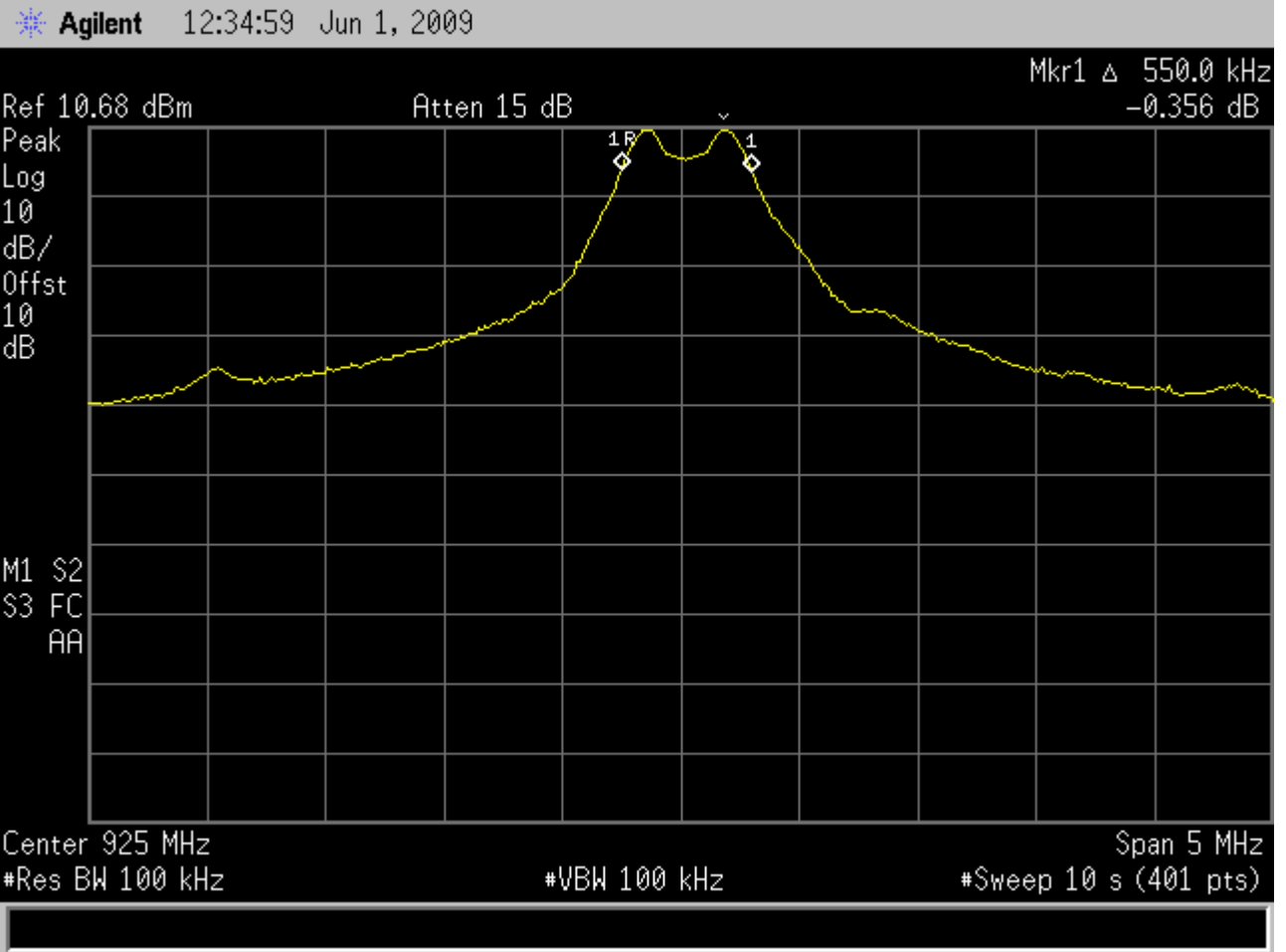
Ch. 1 905MHz.

Customer	Newell Rubbermaid, Inc.		
Test Sample	905-925MHz Digital Spread Spectrum Transmitter		
Model / S/N	PD115978 / C-FCC-1		
Date 6-1-09	Tech.:RW	Sheet 1 of 3	



Ch. 2 913MHz

Customer	Newell Rubbermaid, Inc.		
Test Sample	905-925MHz Digital Spread Spectrum Transmitter		
Model / S/N	PD115978 / C-FCC-1		
Date 6-1-09	Tech.:RW	Sheet 2 of 3	



Ch. 3 925MHz

Customer	Newell Rubbermaid, Inc.		
Test Sample	905-925MHz Digital Spread Spectrum Transmitter		
Model / S/N	PD115978 / C-FCC-1		
Date 6-1-09	Tech.:RW	Sheet 3 of 3	

**Test Photograph(s)
Conducted Emissions, Power Output
FCC Part 15, Subpart C, Section 15.247(b)(3)
RSS-210, Section A8.4(4)**

Test Photograph(s) Power Output

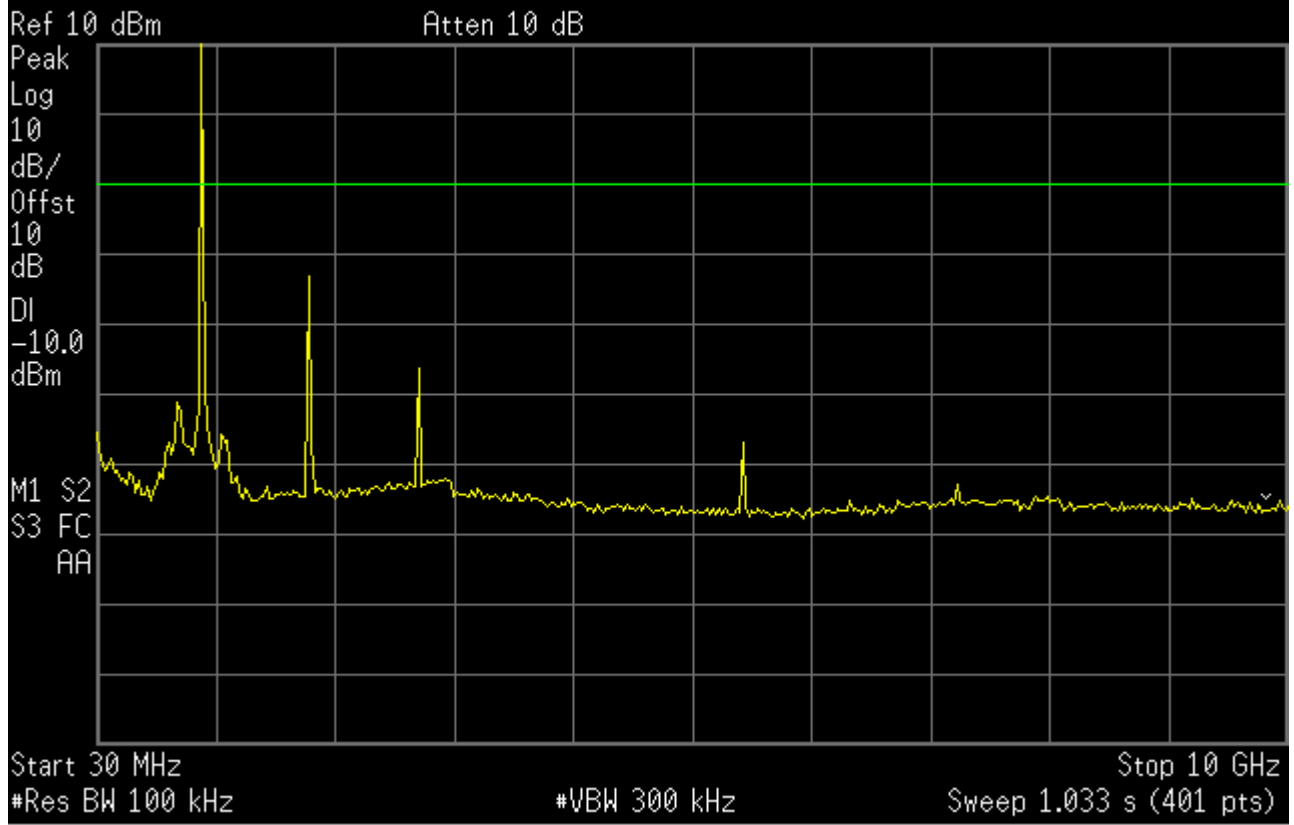


Test Setup

**Conducted Emissions, Power Output
FCC Part 15, Subpart C, Section 15.247(b)(3)
RSS-210, Section A8.4(4)
Test Data**

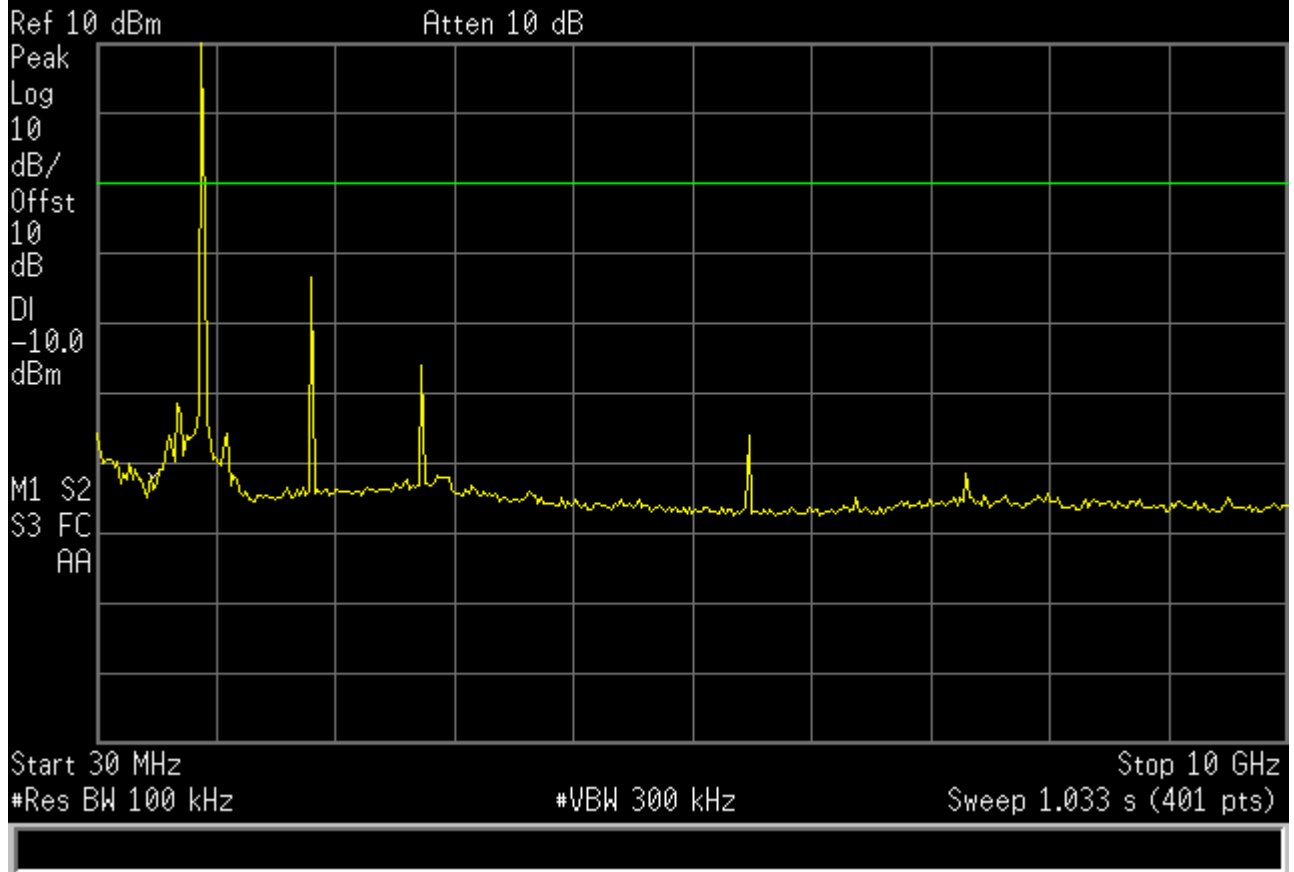
**Test Photograph(s)
Antenna Port, Conducted Emissions
FCC Part 15, Subpart C, Section 15.247(d)
RSS-210, Section A8.5**

**Antenna Port, Conducted Emissions
FCC Part 15, Subpart C, Section 15.247(d)
RSS-210, Section A8.5
Test Data**



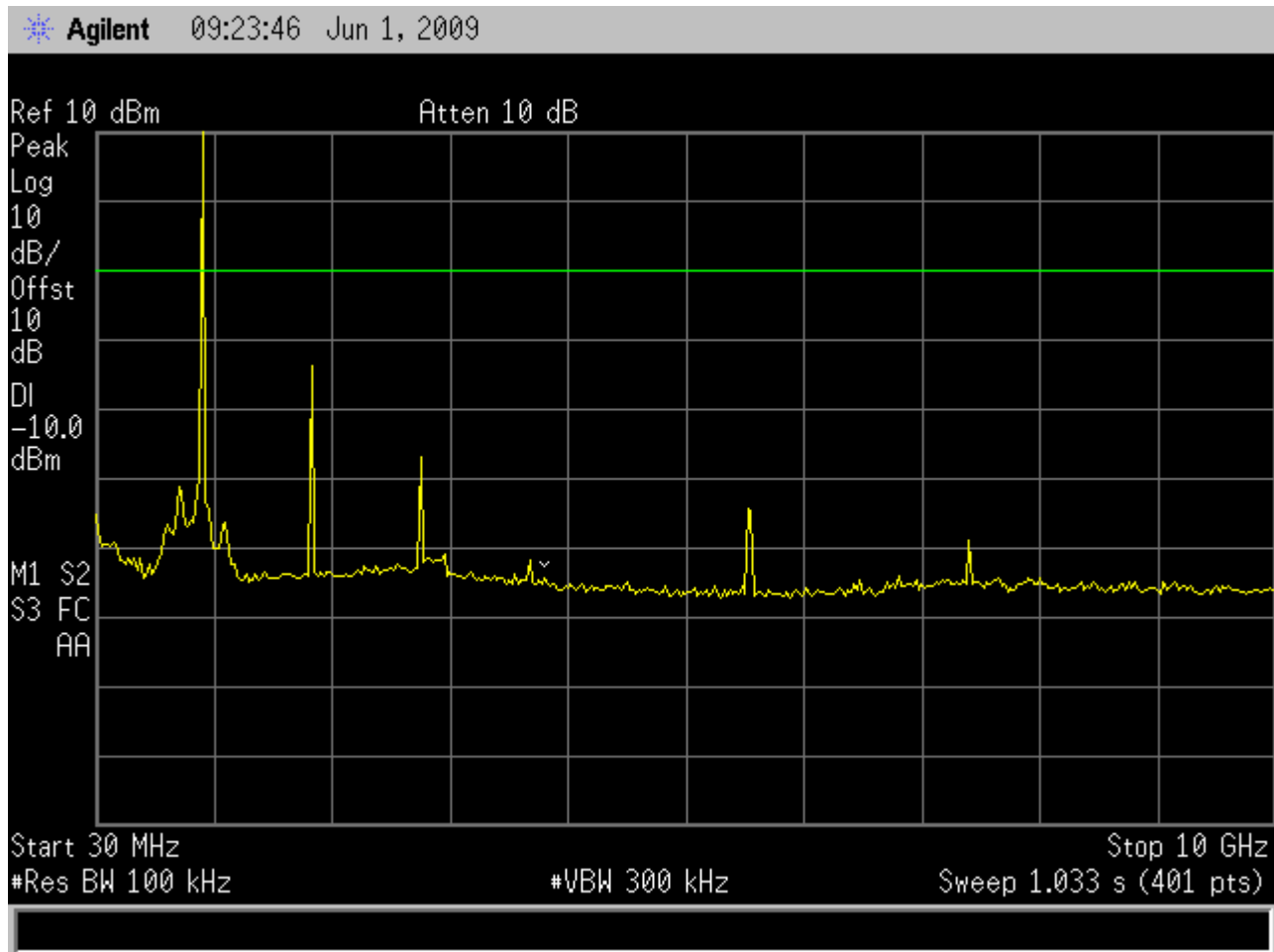
Ch. 1 905MHz.

Customer	Newell Rubbermaid Inc.		
Test Sample	905-925MHz Digital Spread Spectrum Transmitter		
Model / S/N	PD115978 / C-FCC-1		
Date 6-1-09	Tech.:RW	Sheet 1 of 3	



Ch. 2 913MHz

Customer	Newell Rubbermaid Inc.		
Test Sample	905-925MHz Digital Spread Spectrum Transmitter		
Model / S/N	PD115978 / C-FCC-1		
Date 6-1-09	Tech.:RW	Sheet 2 of 3	

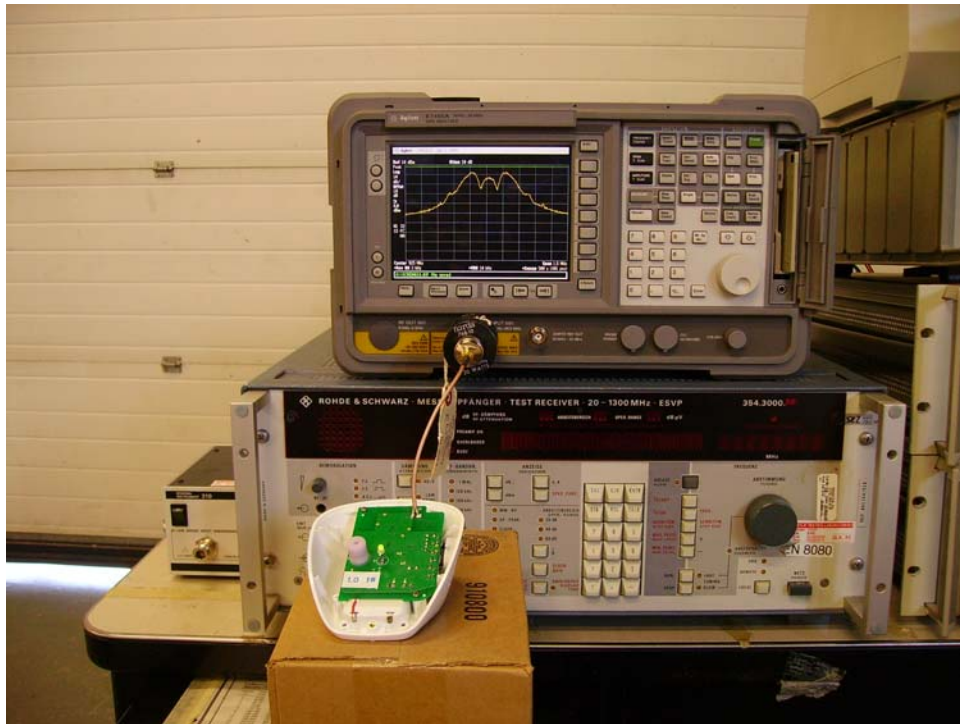


Ch. 3 925MHz

Customer	Newell Rubbermaid Inc.		
Test Sample	905-925MHz Digital Spread Spectrum Transmitter		
Model / S/N	PD115978 / C-FCC-1		
Date 6-1-09	Tech.:RW	Sheet 3 of 3	

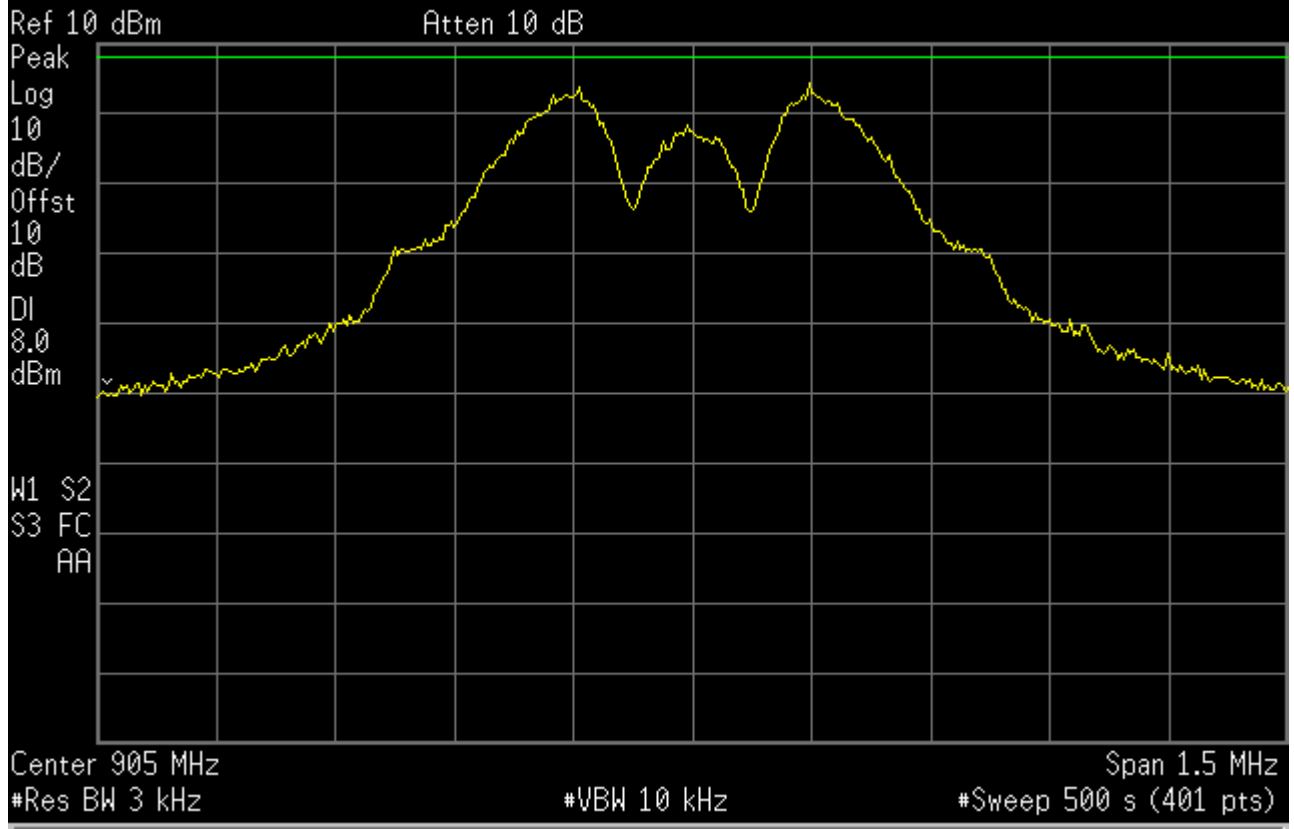
**Test Photograph(s)
Antenna Port, Power Density
FCC Part 15, Subpart C, Section 15.247(e)
RSS-210, Section A8.2(b)**

**Test Photograph(s)
Power Density**



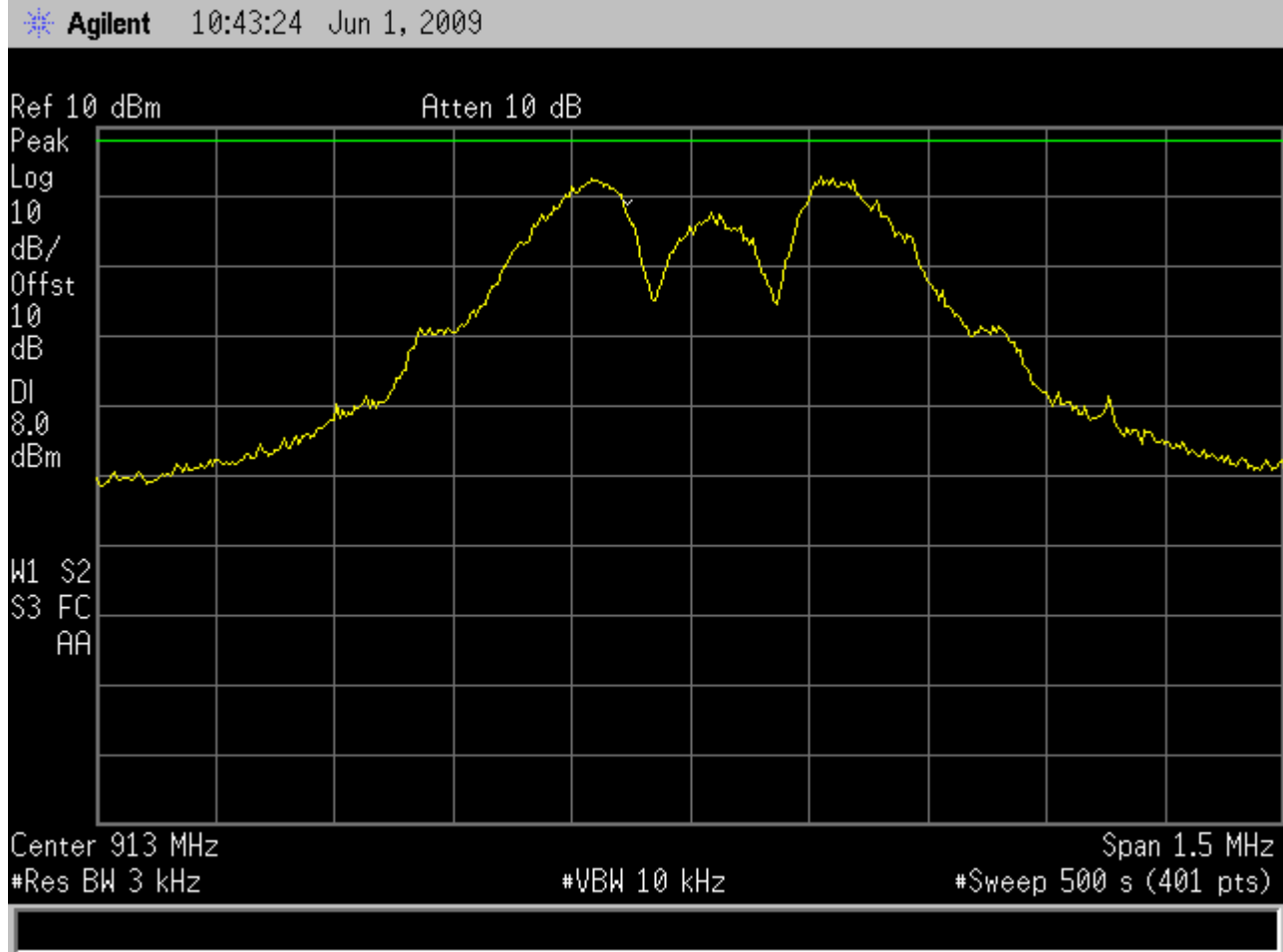
EUT Configuration

**Antenna Port, Power Density
FCC Part 15, Subpart C, Section 15.247(e)
RSS-210, Section A8.2(b)
Test Data**



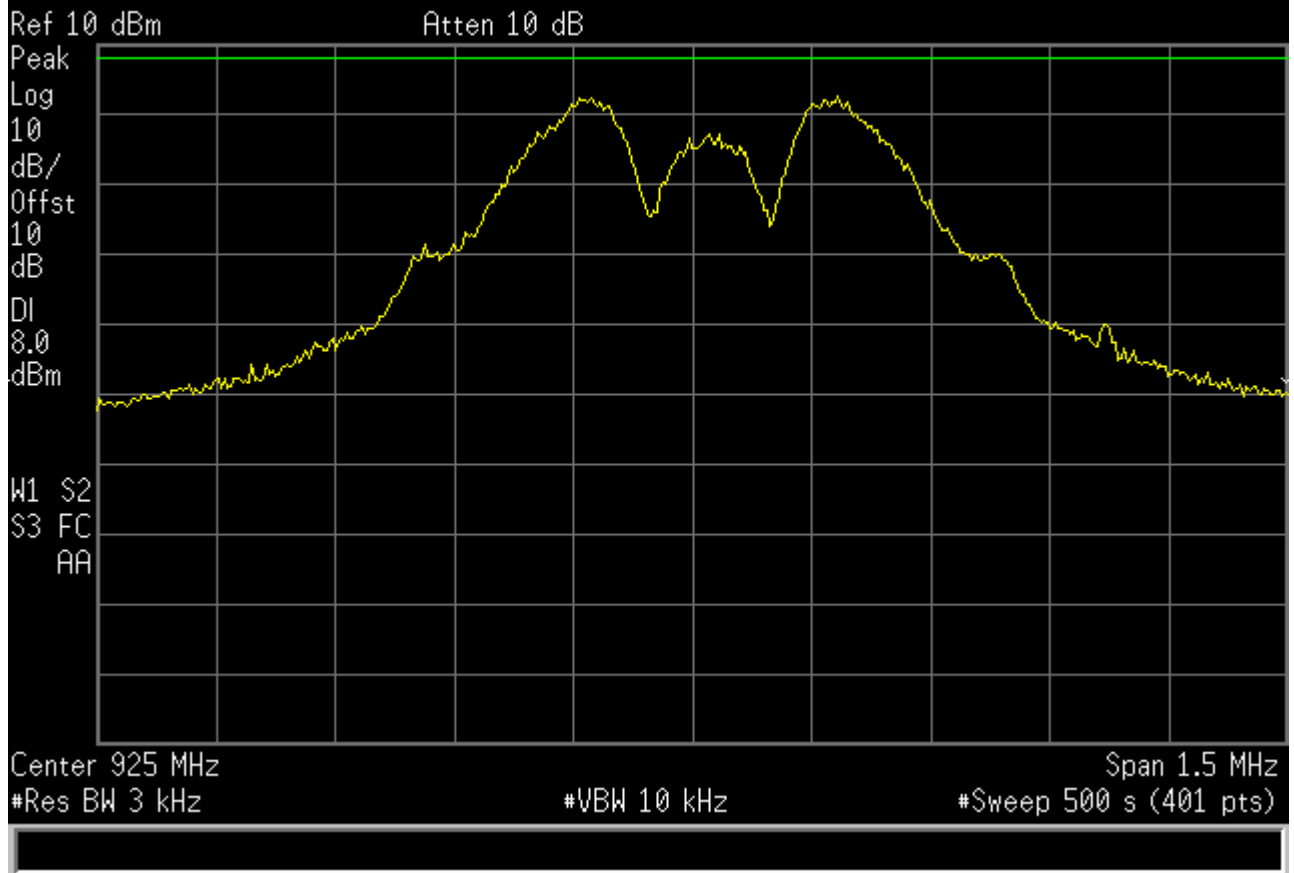
Ch. 1 905MHz.

Customer	Newell Rubbermaid Inc.		
Test Sample	905-925MHz Digital Spread Spectrum Transmitter		
Model / S/N	PD115978 / C-FCC-1		
Date 6-1-09	Tech:DF	Sheet 1 of 3	



Ch. 2 913MHz

Customer	Newell Rubbermaid Inc.		
Test Sample	905-925MHz Digital Spread Spectrum Transmitter		
Model / S/N	PD115978 / C-FCC-1		
Date 6-1-09	Tech.:DF	Sheet 2 of 3	



Ch. 3 925MHz

Customer	Newell Rubbermaid Inc.		
Test Sample	905-925MHz Digital Spread Spectrum Transmitter		
Model / S/N	PD115978 / C-FCC-1		
Date 6-1-09	Tech:DF	Sheet 3 of 3	

Test Photograph(s)
FCC Part 15, Subpart B, Section 15.209(a)
RSS-210, Section 2.6
Spurious Radiated Emissions, 30 MHz to 1 GHz

**Test Photograph(s)
Radiated Emissions**



EUT Configuration



Horizontal Antenna Polarization, 30 MHz to 1 GHz

**Test Photograph(s)
Radiated Emissions**



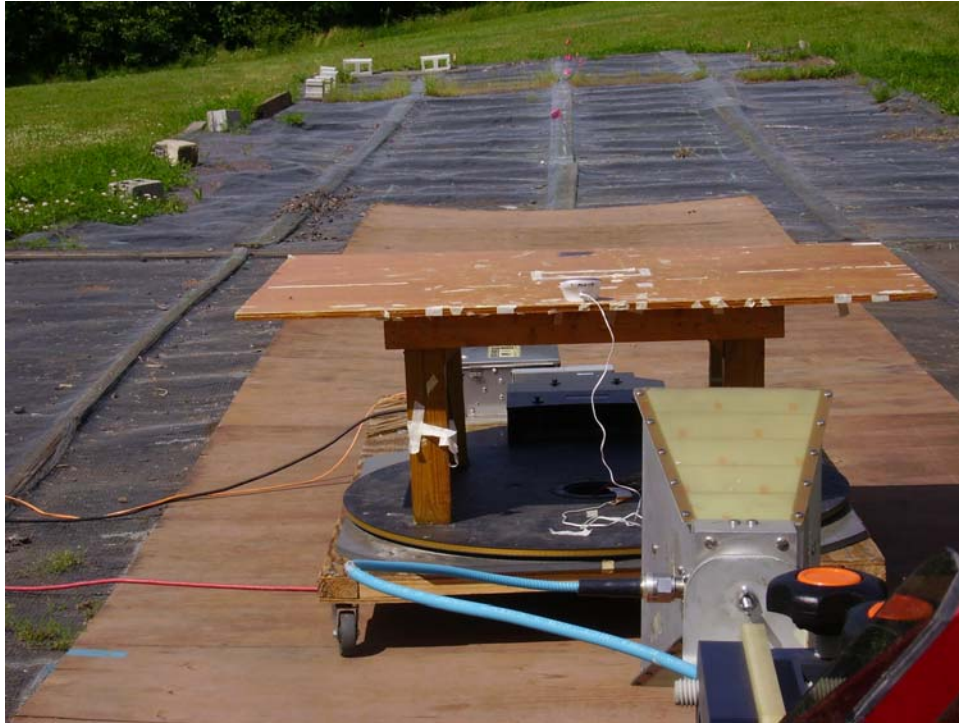
Vertical Antenna Polarization, 30 MHz to 1 GHz

**Spurious Radiated Emissions, 30 MHz to 1 GHz
FCC Part 15, Subpart B, Section 15.209(a)
RSS-210, Section 2.6
Test Data**

Test Method:	FCC Part 15 Subpart C, Spurious Radiated Emissions, Paragraph 15.247(d)						
Customer:	Newell Rubbermaid, Inc.				Job No.:	R-1367P-1	
Test Sample:	905-925MHz Digital Spread Spectrum Transmitter						
Model No.:	PD115978				S/N:	C-FCC-1	
Operating Mode:	Continuously transmitting a 905MHz RF signal on channel 1						
Technician:	DF/BM				Date:	5/28/09	
Notes:	Test Distance: 3 Meters		Temp: 23°C		RH: 62%		
	Detector: Quasi-Peak from 30 MHz to 1 GHz, Peak 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
30.00							100
88.00							100
88.00							150
115.32	V/1.00	2.2	7.7	9	16.7	6.83	
115.32	H/4.00	115.6	6.2	9	15.2	5.7	
216.0							150
216.0							200
645.18	V/2.58	297.0	10.5	23	33.5	47.3	
645.18	H/1.0	330.2	17.7	23	40.7	108.4	
697.20	V/1.98	206.1	17.2	24.1	41.3	116.14	
697.20	H/2.30	259.0	10.5	24.1	42.8	138.0	
723.18	V/2.36	20.0	18.2	24.5	42.7	136.45	
723.18	H/2.16	266.0	19.8	24.5	44.3	164.0	
736.20	V/1.96	327.0	19.9	24.5	44.4	165.9	
736.20	H/1.18	131.0	19.6	24.5	44.1	160.3	
748.86	V/1.53	282.0	13.2	24.7	37.9	78.5	
748.86	H/1.81	57.2	17.2	24.7	41.9	124.4	
960.0							200
960.0							500
1000.00							500
The frequency range was scanned from 30 MHz to 1 GHz.							
The emissions observed from the EUT do not exceed the specified limits.							
Emissions not recorded were more than 20dB under the specified limit.							

Test Photograph(s)
FCC Part 15, Subpart C, Section 15.247(d) and 15.205
RSS-210, Section A8.5
Spurious Radiated Emissions, 1 GHz to 10 GHz

**Test Photograph(s)
Radiated Emissions**



Horizontal Antenna Polarization, 1 GHz to 10 GHz



Vertical Antenna Polarization, 1 GHz to 10 GHz

**Spurious Radiated Emissions, 1 GHz to 10 GHz
FCC Part 15, Subpart C, Section 15.247(d) and 15.205
RSS-210, Section A8.5
Test Data**

Test Method:		FCC Part 15 Subpart C, 15.247(d) Radiated Emissions, Restricted Bands						
Customer:		Newell Rubbermaid, Inc.				Job No.:		R-1367P
Test Sample:		905-925MHz Digital Spread Spectrum Transmitter						
Model No.:		PD115978			S/N :		C-FCC-1	
Operating Mode:		Continuously transmitting a 905MHz RF signal on channel 1						
Technician:		DF/BM			Date:		5/28/09	
Notes:		Test Distance: 3 Meter			Resolution BW: 1MHz			
		Detector: Peak & Average			Video BW: ≥ 1MHz Peak, 10Hz Average			
Test Freq.	Ant. Pol./Hgt.	Peak/Average	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Limit
GHz	(V/H)/M		Azimuth	dBuV	dB	dBuV/m	uV/m	uV/m
2715.00	V/2.65	Peak	20.4	56.12	-1.1	55.02	563.6	5000.0
	V/2.65	Average	20.4	46.73		45.63	191.2	500.0
	H/1.63	Peak	177.7	48.32		47.22	229.6	5000.0
2715.00	H/1.63	Average	177.7	38.39	-1.1	37.29	73.1	500.0
3620.00	V/1.41	Peak	233.2	50.23	1.9	52.13	404.1	5000.0
	V/1.41	Average	233.2	38.83		40.73	108.7	500.0
	H/1.45	Peak	158.0	49.7		51.6	380.1	5000.0
3620.00	H/1.45	Average	158.0	38.08	1.9	39.98	99.7	500.0
4525.00	V/1.0	Peak	181.3	44.0	4.6	48.6	269.15	5000.0
	V/1.0	Average	181.3	31.3		35.9	62.37	500.0
	H/1.06	Peak	170.4	43.74		48.34	261.2	5000.0
4525.00	H/1.06	Average	170.4	31.06	4.6	35.66	60.67	500.0
5430.00	V/1.41	Peak	230.5	48.67	6.5	55.17	573.4	5000.0
	V/1.41	Average	230.5	35.23		41.73	122.03	500.0
	H/1.16	Peak	298.8	48.32		54.82	540.8	5000.0
5430.00	H/1.16	Average	298.8	35.57	6.5	42.07	126.9	500.0
8145.00	V/1.15	Peak	155.3	42.7	11.6	54.3	518.8	5000.0
	V/1.15	Average	155.3	30.37		41.97	125.4	500.0
	H/2.73	Peak	112.9	42.36		53.96	498.8	5000.0
8145.00	H/2.73	Average	112.9	30.10	11.6	41.7	121.6	500.0
9050.00	V/1.45	Peak	27.6	44.74	13.2	57.94	788.8	5000.0
	V/1.45	Average	27.6	31.10		44.3	164.0	500.0
	H/1.72	Peak	118.5	43.07		56.27	650.8	5000.0
9050.00	H/1.72	Average	118.5	30.52	13.2	43.72	153.4	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.								

Test Method:		FCC Part 15 Subpart C, 15.247(d) Radiated Emissions, Restricted Bands						
Customer:		Newell Rubbermaid Inc.			Job No.:		R-1367P	
Test Sample:		905-925MHz Digital Spread Spectrum Transmitter						
Model No.:		PD115978			S/N:		C-FCC-1	
Operating Mode:		Continuously transmitting a 913MHz RF signal on channel 2						
Technician:		DF/BM			Date:		5/29/09	
Notes:		Test Distance: 3 Meter			Resolution BW: 1MHz			
		Detector: Peak & Average			Video BW: ≥ 1MHz Peak, 10Hz Average			
Test Freq.	Ant. Pol./Hgt.	Peak/Average	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Limit
GHz	(V/H)/M		Azimuth	dBuV	dB	dBuV/m	uV/m	uV/m
2739.00	V/2.46	Peak	165.5	42.77	-1.3	41.47	118.4	5000.0
	V/2.46	Average	165.5	30.16	-1.3	28.86	27.73	500.0
	H/2.21	Peak	347.8	44.45	-1.3	43.55	143.7	5000.0
2739.00	H/2.21	Average	347.8	31.67	-1.3	30.37	32.99	500.0
3652.00	V/1.00	Peak	161.5	50.79	2.7	53.49	472.6	5000.0
	V/1.00	Average	161.5	39.27	2.7	41.97	125.45	500.0
	H/1.00	Peak	171.8	54.85	2.7	57.55	754.2	5000.0
3652.00	H/1.00	Average	171.8	43.02	2.7	45.72	193.1	500.0
4565.00	V/1.00	Peak	127.3	44.54	5.1	49.64	303.3	5000.0
	V/1.00	Average	127.3	31.37	5.1	36.47	66.6	500.0
	H/2.73	Peak	127.4	42.67	5.1	47.77	244.6	5000.0
4565.00	H/2.73	Average	127.4	30.41	5.1	35.51	59.63	500.0
7304.00	V/2.15	Peak	243.50	43.54	12.3	55.84	619.44	5000.0
	V/2.15	Average	243.50	30.81	12.3	43.11	143.05	500.0
	H/1.72	Peak	177.40	50.23	12.3	62.53	1338.13	5000.0
7304.00	H/1.72	Average	177.40	35.07	12.3	47.37	233.61	500.0
8217.00	V/1.45	Peak	111.6	42.77	12.6	55.37	586.81	5000.0
	V/1.45	Average	111.6	30.17	12.6	42.77	137.56	500.0
	H/1.39	Peak	305.1	42.52	12.6	55.12	570.16	5000.0
8217.00	H/1.39	Average	305.1	30.23	12.6	42.83	138.51	500.0
9130.00	V/2.02	Peak	239.9	43.07	13.9	56.97	705.50	5000.0
	V/2.02	Average	239.9	30.72	13.9	44.62	170.21	500.0
	H/2.43	Peak	364.2	42.70	13.9	56.60	676.08	5000.0
9130.00	H/2.43	Average	364.2	30.52	13.9	44.42	166.34	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.								

Test Method:		FCC Part 15 Subpart C, 15.247(d) Radiated Emissions, Restricted Bands						
Customer:		Newell Rubbermaid Inc.			Job No.:		R-1367P	
Test Sample:		905-925MHz Digital Spread Spectrum Transmitter						
Model No.:		PD115978			S/N :		C-FCC-1	
Operating Mode:		Continuously transmitting a 925MHz RF signal on channel 3						
Technician:		DF/BM			Date:		5/29/09	
Notes:		Test Distance: 3 Meter			Resolution BW: 1MHz			
		Detector: Peak & Average			Video BW: ≥ 1MHz Peak, 10Hz Average			
Test Freq.	Ant. Pol./Hgt.	Peak/Average	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Limit
GHz	(V/H)/M		Azimuth	dBuV	dB	dBuV/m	uV/m	uV/m
2775.00	V/1.13	Peak	260.1	53.35	-.6	52.75	434.01	5000.0
	V/1.13	Average	260.1	44.5	-.6	43.90	156.67	500.0
	H/1.42	Peak	218.9	58.01	-.6	57.41	742.16	5000.0
2775.00	H/1.42	Average	218.9	49.90	-.6	49.30	291.74	500.0
3700.00	V/1.72	Peak	180.2	49.12	3.6	52.72	432.51	5000.0
	V/1.72	Average	180.2	37.65	3.6	41.25	115.47	500.0
	H/1.70	Peak	37.7	42.90	3.6	46.50	211.34	5000.0
3700.00	H/1.70	Average	37.7	30.51	3.6	34.11	50.75	500.0
4625.00	V/1.00	Peak	180.0	45.10	5.8	50.90	350.75	5000.0
	V/1.00	Average	180.0	32.50	5.8	38.30	82.22	500.0
	H/1.04	Peak	182.5	45.12	5.8	50.92	351.56	5000.0
4625.00	H/1.04	Average	182.5	32.33	5.8	38.13	80.63	500.0
7400.00	V/1.50	Peak	101.2	48.21	12.1	60.31	1036.33	5000.0
	V/1.50	Average	101.2	33.71		45.81	195.20	500.0
	H/1.10	Peak	101.2	49.00		61.10	1135.01	5000.0
7400.00	H/1.10	Average	101.2	34.37	12.1	46.47	210.62	500.0
*8325.00	V/1.00	Peak	180.0	44.81	12.6	57.41	742.16	5000.0
	V/1.00	Average	180.0	31.04		43.64	152.05	500.0
	H/1.00	Peak	180.0	36.42		49.02	282.48	5000.0
*8325.00	H/1.00	Average	180.0	23.91	12.6	36.51	66.91	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)								

Test Photograph(s)
FCC Part 15, Subpart B, Section 15.207(a)
RSS-GEN, Paragraph 7.2.2
Conducted Emissions, Power Leads, 150 kHz to 30 MHz

**Test Photograph(s)
Conducted Emissions**



EUT Configuration

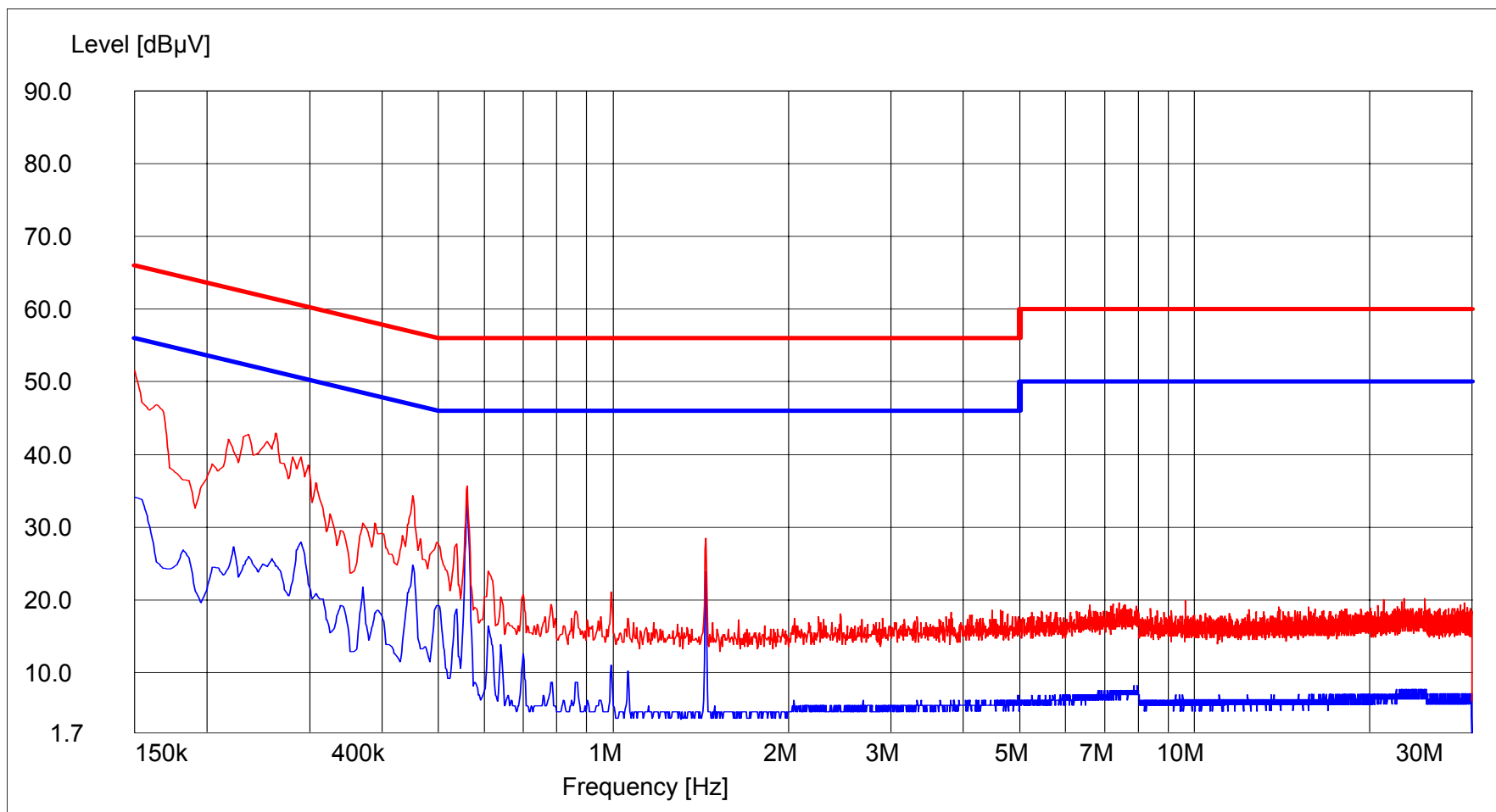


Test Setup

**Conducted Emissions, Power Leads, 150 kHz to 30 MHz
FCC Part 15, Subpart B, Section 15.207(a)
RSS-GEN, Paragraph 7.2.2
Test Data**

Conducted Emissions Power Leads, 150K-30MHz

Customer:: Newell Rubbermaid, Inc
Test Sample:: 905 to 925 MHz Spread Spectrum Transmitter (Baby Monitor)
Model/ S/N: PD115978 / C-FCC-1
Test Specification:: FCC Part 15 Subpart C, 15.207 (a)
Operating Mode:: Continuously Transmitting a 905MHz RF signal on Channel 1
Operator/ Date:: DF/ 5/28/09
Lead Tested:: 115VAC,60Hz Hot
Notes:: Transmitter



Conducted Emissions Power Leads, 150K-30MHz

Customer:: Newell Rubbermaid, Inc
Test Sample:: 905 to 925 MHz Spread Spectrum Transmitter (Baby Monitor)
Model/ S/N: PD115978 / C-FCC-1
Test Specification:: FCC Part 15 Subpart C, 15.207 (a)
Operating Mode:: Continuously Transmitting a 905MHz RF signal on Channel 1
Operator/ Date:: DF/ 5/28/09
Lead Tested:: 115VAC,60Hz Neutral
Notes:: Transmitter

