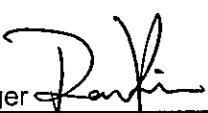


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Auftraggeber: <i>Client:</i>		Zhongshan K-mate General Elec. Co., Ltd. B1 Building Fuwan Ind. Zone Sunwen East Road Zhongshan, Guangdong P.R.China					
Gegenstand der Prüfung: <i>Test item:</i>		Stereo Bluetooth Adaptor					
Bezeichnung: <i>Identification:</i>	BH1000-1C	FCC ID: <i>FCC ID</i>	RLQBH1000-1C				
Wareneingangs-Nr.: <i>Receipt No.:</i>	173031770	Eingangsdatum: <i>Date of receipt:</i>	30.Aug.2007				
Prüfört: <i>Testing location:</i>	TÜV Rheinland (Guangdong) Ltd. EMC Laboratory Guangzhou Auto Market, Yuan Gang Section of Guangshan Road, Guangzhou 510650, P. R. China			Listed test laboratory according to FCC rules section 2.948 for measuring devices under Parts 15			
Prüfgrundlage: <i>Test specification:</i>	ANSI C63.4: 2003 FCC Part 15: 20, Sep. 2007 Subpart B section 15.109 FCC Part 15: 20, Sep. 2007 Subpart C section 15.209 and 15.247						
Prüfergebnis: <i>Test Result:</i>	Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n). <i>The test item passed the test specification(s).</i>						
Prüflaboratorium: <i>Testing Laboratory:</i>	TÜV Rheinland (Guangdong) Ltd.						
geprüft/ tested by:		kontrolliert/ reviewed by:					
	Ricky Liu Project Manager			Dave Xie Project Manager			
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>		
Sonstiges/ Other Aspects:							
<table style="width: 100%;"> <tr> <td style="width: 50%;"> Abkürzungen: P(ass) = entspricht Prüfgrundlage F(ail) = entspricht nicht Prüfgrundlage N/A = nicht anwendbar N/T = nicht getestet </td> <td style="width: 50%;"> Abbreviations: P(ass) = passed F(ail) = failed N/A = not applicable N/T = not tested </td> </tr> </table>						Abkürzungen: P(ass) = entspricht Prüfgrundlage F(ail) = entspricht nicht Prüfgrundlage N/A = nicht anwendbar N/T = nicht getestet	Abbreviations: P(ass) = passed F(ail) = failed N/A = not applicable N/T = not tested
Abkürzungen: P(ass) = entspricht Prüfgrundlage F(ail) = entspricht nicht Prüfgrundlage N/A = nicht anwendbar N/T = nicht getestet	Abbreviations: P(ass) = passed F(ail) = failed N/A = not applicable N/T = not tested						
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i>							

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Test Summary

FCC Rules		Test items	Result
Paragraph	Released Date		
Part 15 Per Section 15.109(a)	20. Sep, 2007	Radiated Spurious Emission	Pass
Part 15 Per Section 15.203	20. Sep, 2007	Antenna requirement	Pass
Part 15 Per Section 15.247(b)(1)	20. Sep, 2007	Maximum Peak Output power	Pass
Part 15 Per Section 15.247(a)(1)	20. Sep, 2007	20dB Bandwidth	Pass
Part 15 Per Section 15.247(a)(1)	20. Sep, 2007	Hopping Channel Carrier Frequency Separation	Pass
Part 15 Per Section 15.247(a)(1)(iii)	20. Sep, 2007	Number of Hopping Frequency Used	Pass
Part 15 Per Section 15.247(a)(1)(iii)	20. Sep, 2007	Time of Occupancy (Dwell Time)	Pass
Part 15 Per Section 15.247(d)	20. Sep, 2007	Out-Of-Band Emission measurement	Pass

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix 1: Test result

2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Guangdong) Ltd. EMC Laboratory

Guangzhou Auto Market, Yuan Gang Section of Guangshan Road
Guangzhou 510650

P. R. China

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2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Type	Manufacturer	S/N	Calibrated until	Calibrated Interval
EMI Test Receiver	ESCI-3	Rohde & Schwarz	100216	05.Dec.2007	1 year
Spectrum Analyzer	FSP30	Rohde & Schwarz	100286	24.Aug.2008	1 year
Trilog-Broadband Antenna	VULB9168	SCHWARZBECK MESS-ELEKTRONIK	210	08.May.2009	2 year
Double-Ridged Waveguide Horn Antenna	HF906	Rohde & Schwarz	100385	18.Jul.2009	2 year
Double-Ridged Waveguide Horn Antenna	HF906	Rohde & Schwarz	100407	08.May.2009	2 year
Pre-amplifier	AFS42- 00101800- 25-S-42	MITEQ	1101599	31.Jul.2009	2 year
Band Reject Filter	BRM50702	Micro-Tronics	023	15.Feb.2008	2 year
Standard Gain Horn Antenna	3160-09	EMCO	21642	N/A	2 year
Standard Gain Horn Antenna	3160-09	EMCO	21645	N/A	2 year
Pre-amplifier	AFS33- 18002650- 30-8P-44	MITEQ	1108282	31.Jul.2009	2 year
3m Anechoic Chamber	N/A	Albatross Project GmbH	N/A	16.Apr.2008	2 year

2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

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2.5 Measurement Uncertainty

Uncertainty for conducted emissions measurements is $\pm 2.51\text{dB}$.

Uncertainty for radiated emissions measurements is $\pm 4.9\text{dB}$ (30MHz-1GHz), $\pm 4.84\text{dB}$ (>1GHz).

The reported expanded uncertainty is based on a standard uncertainty multiply by a coverage factor $k=2$, providing a level of confidence of approximately 95%.

2.6 Location of original data

The original copies of test data taken during actual testing were attached at Appendix 1 of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Guangdong) file for certification follow-up purposes.

2.7 Status of facility used for testing

TÜV Rheinland (Guangdong) Ltd. EMC Laboratory; Guangzhou Auto Market, Yuan Gang Section of Guangshan Road, Guangzhou 510650, P. R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements, the register no. 833845

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3 General Product Information

The EUT is a Bluetooth V1.2 class II Dongle powered by integral rechargeable Li-ion battery.

3.1 Product Function and Intended Use

Refer to the Technical Documentation and user manual.

3.2 Ratings and System Details

Frequency range	:	2402.0MHz – 2480.0MHz (unlicensed ISM band)
Number of employed channels	:	79 channels
Total Number of channels	:	79 channels
Modulation Type	:	Frequency Hopping Spread Spectrum (Bluetooth V1.2 Class II product)
Support profile:		A2DP, AVRCP
Type of antenna	:	Integral antenna
Power supply	:	3.7V DC (the EUT is powered by integral lithium rechargeable battery)
Ports	:	3.5mm audio Plug; Mini USB charge port
Protection Class	:	III

Refer to the Technical Documentation for further information

3.3 Independent Operation Modes

The basic operation modes are:

On: Bluetooth link connecting
Off

For further information refer to User Manual

3.4 Submitted Documents

Block Diagram
Schematics
Operation Description
Components List
FCC label and location
User Manual
Internal Photos
External Photos
Application form

4 Test Set-up and Operation Mode

4.1 Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Refer to test set-up in chapter 5.

4.3 Special Accessories and Auxiliary Equipment

The products have been tested together with the following device:

Device	Manufacture	Model	Serial no./ Version
Laptop notebook	IBM R40e	2684	99-CYY55
Bluetooth test Software	CSR	BlueTest	1.22

4.4 Countermeasures to achieve EMC Compliance

The test sample, which has been tested, contained the noise suppression parts as described in the technical document. No additional measures were employed to achieve compliance.

4.5 Test set-up

Diagram 1 of Configuration for Testing hopping channel Separation, channel bandwidth, number of hopping frequency used, output power measurement, out-of-band conducted emission measurement and peak power spectral density measurement

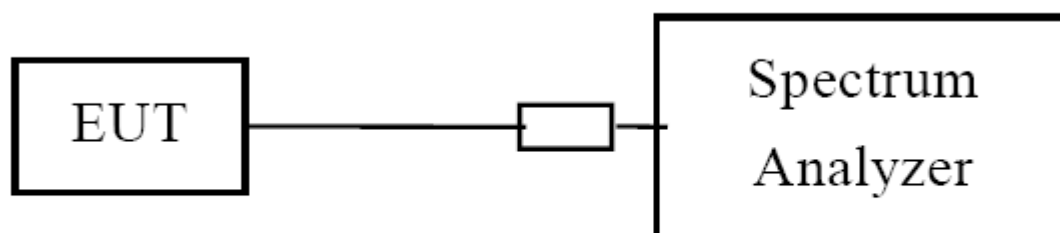
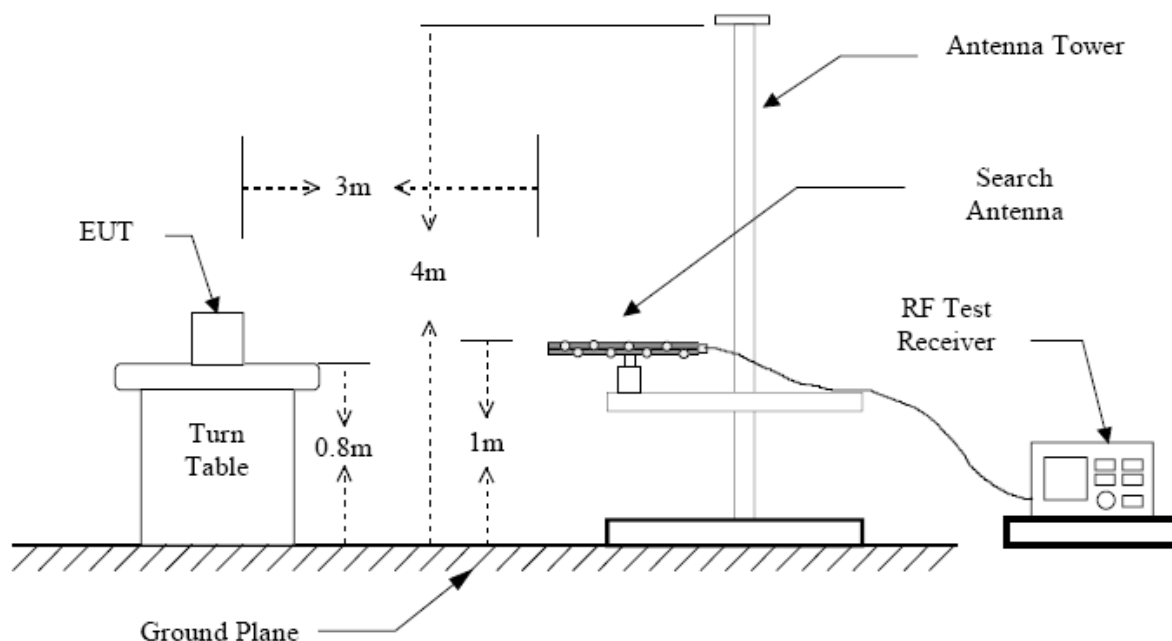


Diagram 2 of Configuration for Testing Radiated Emission below 1 GHz



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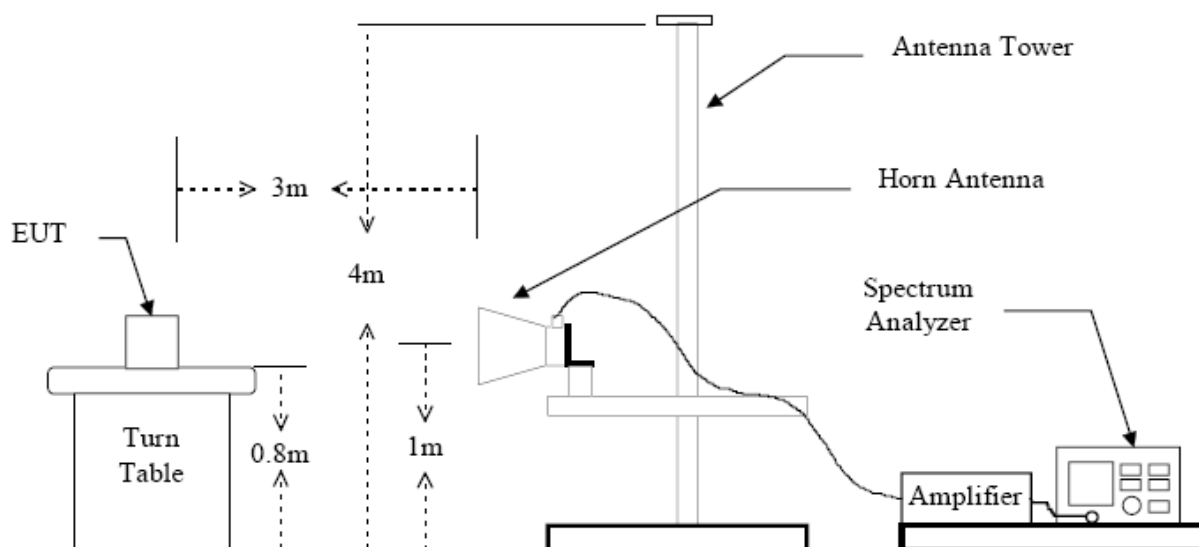
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Diagram 3 of Configuration for Testing Radiated Emission above 1 GHz



5 Test Results EMISSION

5.1 Radiated Spurious Emission

RESULT:

Pass

Date of testing	:	22.10.2007
Test specification	:	FCC Part 15 Per Section 15.247(a)
Limits	:	FCC Part 15 Per Section 15.209(a)
Deviations from Standard Test procedures	:	None
Test procedure	:	1. The EUT was placed on the top of a rotatable table 0.8 meters above the ground with 3-orthogonal direction and be kept close enough to the receiving antenna. The table was rotated 360 degrees to determine the suspected emission frequency and the position of the worst radiation case with both horizontal and vertical antenna polarization. 2. The EUT was then set 3 meters away from the receiving antenna, which was mounted on a variable-height antenna tower. 3. For each suspected emission frequency recorded in step 1, the EUT was arranged to its worst case that the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to read the maximum emission with peak detector. 4. Also record the value of the emission level by specified detector and resolution bandwidth. *

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Kind of test site	:	3m Semi-anechoic chamber
Operation mode	:	Continuously transmitting (channel low, mid, high)
Power supply	:	DC 3.7V
Temperature	:	22°C
Humidity	:	50%

***Note:**

The final measurement for frequencies below 1000MHz is performed with Quasi Peak detector; the final measurement for frequencies above 1000MHz is performed with Average and Peak detector.

The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test.

The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz at frequency below 1GHz.

The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz at frequency above 1GHz.

Disturbances other than those mentioned are small or not detectable.

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Table 2: Radiated Emission (Transmitting at channel low)

Frequency [MHz]	QP [dB μ V/m]	AV [dB μ V/m]	Polarity (H/V)	Limit [dB μ V/m]
365.30	21.4	--	H	46
441.90	19.6	--	H	46
544.60	18.6	---	H	46
580.45	19.6	---	V	46
837.15	24.2	---	V	46

Frequency [MHz]	PK [dB μ V/m]	AV [dB μ V/m]	Polarity (H/V)	PK Limit [dB μ V/m]	AV limit [dB μ V/m]
1144.50	47.2	37.0	H	74	54
5063.00	44.6	32.5	H	74	54
9289.625	47.5	36.0	H	74	54
12319.875	49.5	38.0	H	74	54
14757.25	55.5	43.3	H	74	54
17785.375	57.1	45.5	H	74	54
1195.50	53.4	45.9	V	74	54
5549.625	44.5	32.1	V	74	54
9449.000	47.7	35.0	V	74	54
12047.875	49.7	37.9	V	74	54
14814.625	55.6	43.7	V	74	54
17757.75	57.9	45.4	V	74	54

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Table 3: Radiated Emission (Transmitting at channel mid)

Frequency [MHz]	QP [dB μ V/m]	AV [dB μ V/m]	Polarity (H/V)	Limit [dB μ V/m]
366.75	21.3	--	H	46
668.85	22.4	--	H	46
374.70	14.5	---	V	46
472.70	17.0	---	V	46

Frequency [MHz]	PK [dB μ V/m]	AV [dB μ V/m]	Polarity (H/V)	PK Limit [dB μ V/m]	AV limit [dB μ V/m]
1195.50	47.5	38.3	H	74	54
6021.375	43.7	32.3	H	74	54
9155.75	47.0	35.2	H	74	54
11996.875	49.4	37.9	H	74	54
14725.375	54.7	42.9	H	74	54
17851.750	57.0	45.5	H	74	54
1193.375	53.9	41.8	V	74	54
4882.375	46.3	35.8	V	74	54
9225.875	47.0	35.3	V	74	54
11939.50	49.0	37.3	V	74	54
14387.50	54.9	42.7	V	74	54
17993.625	56.6	45.1	V	74	54

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Table 4: Radiated Emission (Transmitting at channel high)

Frequency [MHz]	QP [dB μ V/m]	AV [dB μ V/m]	Polarity (H/V)	Limit [dB μ V/m]
256.35	11.1	--	H	46
366.70	15.5	--	H	46
454.00	16.9	--	H	46
225.35	9.5		V	46
384.05	17.0	---	V	46
837.40	24.2	---	V	46

Frequency [MHz]	PK [dB μ V/m]	AV [dB μ V/m]	Polarity (H/V)	PK Limit [dB μ V/m]	AV limit [dB μ V/m]
1144.50	47.0	36.9	H	74	54
5024.75	44.1	32.4	H	74	54
9283.25	47.4	36.2	H	74	54
11952.25	50.1	39.0	H	74	54
14608.50	55.4	43.4	H	74	54
17851.25	57.5	45.3	H	74	54
1195.50	52.3	43.6	V	74	54
6059.625	44.0	32.3	V	74	54
9340.625	47.3	36.0	V	74	54
11969.25	50.3	38.6	V	74	54
14616.875	54.7	43.2	V	74	54
17985.125	56.9	45.7	V	74	54

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5.2 Antenna requirement

RESULT:

Pass

Date of testing : ---

Test specification : FCC Part 15 Per Section 15.203
FCC Part 15 Per Section 15.247(b)

For intentional device, according to 15.203, and intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to 15.247(b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by amount in dB than the directional gain of the antenna exceeds of 6dBi.

As the antenna is permanently mounted on RF Board, there is no consideration of replacement.

And the max gain of the antenna is 3dBi.

5.3 Maximum Peak Output Power

RESULT:

Pass

Date of testing	:	17.10.2007
Test specification	:	FCC Part 15 Per Section 15.247(b)(1)
Limits	:	FCC Part 15 Per Section 15.247(b)(1) For frequency hopping systems operating in 2400-2483.5MHz band employing at least 75 hopping channels, and all frequency hopping systems in the 5725-5850MHz band: 1watt. Fore all other frequency hopping systems in the 2400-2483.5MHz band: 0.125watts.

Deviations from Standard Test procedures	:	None
Test procedure	:	1. Connect the antenna port of the EUT to the spectrum analyzer by a low lost cable. 2. Set the EUT to proper test mode with relative test software and hardware. 3. Spectrum analyzer setting: Centered Frequency= measured channel, RBW=1MHz, VBW$\geq$RBW. 4. Mark the peak power output frequency and record the max reading. 5. Repeat step 2 to 4 until all the channels measured are finished

Kind of test site	:	Shielded room
Operation mode	:	Continuously transmitting on the measured channel.
Power supply	:	DC 3.7V
Temperature	:	22°C
Humidity	:	50%

Table 5: Peak Conducted Power

Channel	Frequency (MHz)	Power Reading(dBm)	Cable Loss (dB)	Output Power		Limit (W) *
				(dBm)	(mW)	
Low	2402.0	0.73	0.8	1.53	1.42	1
Mid	2441.0	1.22	0.8	2.02	1.59	1
High	2480.0	1.21	0.8	2.01	1.59	1

*Note: Refer to the test result of “Number of Hopping Channel Used” for the non-overlap channel number.

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5.4 20dB Bandwidth

RESULT:

Pass

Date of testing	:	17.10.2007
Test specification	:	FCC Part 15 Per Section 15.247(a)(1)
Deviations from Standard Test procedures	:	None
Test procedure	:	1. Connect the antenna port of the EUT to the spectrum analyzer by a low lost cable. 2. Set the EUT to proper test mode with relative test software and hardware. 3. Spectrum analyzer setting: Centered Frequency= measured channel, RBW=10kHz, VBW=30kHz. 4. Mark the peak power frequency point and the -20dB upper and lower frequency points. 5. Read the frequency delta value between the -20dB upper and lower frequency points. 6. Repeat step 2 to 5 until all the channels required are finished.
Operation mode	:	Continuously transmitting on the measured channel.
Kind of test site	:	Shielded room
Power supply	:	DC 3.7V
Temperature	:	22°C
Humidity	:	50%

Table 6: 20dB Bandwidth

Channel	Frequency (GHz)	Test Result (kHz)
Low	2402.0	824
Mid	2441.0	824
High	2480.0	820

Please refer to Appendix 1 for measurement data.

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5.5 Hopping Channel Carrier Frequency Separation

RESULT:

Pass

Date of testing	:	17.10.2007
Test specification	:	FCC Part 15 Per Section 15.247(a)(1)
Limits	:	FCC Part 15 Per Section 15.247(a)(1) Frequency hopping system shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20dB bandwidth of the hopping channel, whichever is greater
Deviations from Standard Test procedures	:	None
Test procedure	:	1. Connect the antenna port of the EUT to the spectrum analyzer by a low lost cable. 2. Set the EUT to proper test mode with relative test software and hardware. 3. Spectrum analyzer setting: Centered Frequency = measured channel, RBW = 10kHz, VBW = 30kHz, Frequency Span = wide enough to cover the adjacent channel. 4. Mark the peak power frequency point of the measured channel and its adjacent channel(s) 5. Read the frequency delta value between the measured channel and its adjacent channel(s) 6. Repeat step 3 to 5 until all the channels measured are finished.
Kind of test site	:	Shielded room
Operation mode	:	Transmitting with hopping function enabled
Power supply	:	DC 3.7V
Temperature	:	22°C
Humidity	:	50%

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Table 7: Hopping Channel Carrier Frequency Separation

Channel	Adjacent Hopping channel separation (kHz)	Limit
Low	990	At least 25kHz or tow-thirds of the 20dB bandwidth of the hopping channel, whichever is greater. Note: refer to table 7 for the value of 20dB bandwidth
Mid	990	
High	1020	

Please refer to Appendix 1 for measurement data.

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5.6 Number of Hopping Frequency Used

RESULT:

Pass

Date of testing	:	17.10.2007
Test specification	:	FCC Part 15 Per Section 15.247(a)(1)(iii)
Limits	:	FCC Part 15 Per Section 15.247(a)(1)(iii) Frequency hopping system in the 2400-2483.5 MHz band shall use at least 15 non-overlapping channels
Deviations from Standard Test procedures	:	None
Test procedure	:	1. Connect the antenna port of the EUT to the spectrum analyzer by a low loss cable. 2. Set the EUT to proper test mode with relative test software and hardware. 3. Spectrum analyzer setting: RBW = 300kHz, VBW ≥ RBW, Frequency Span = wide enough to cover the channels to be plotted. 4. Set the spectrum analyzer to Max-hold mode and plot the result(s) with record of all hopping channel.
Kind of test site	:	Shielded room
Operation mode	:	Transmitting with hopping function enabled
Power supply	:	DC 3.7V
Temperature	:	22°C
Humidity	:	50%

Table 8: Number of hopping frequency

Number of hopping frequency:	79
Limit:	At least 15 non-overlapping channels

Please refer to Appendix 1 for measurement data.

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5.7 Time of Occupancy (Dwell Time)

RESULT:

Pass

Date of testing	:	17.10.2007
Test specification	:	FCC Part 15 Per Section 15.247(a)(1)(iii)
Limits	:	FCC Part 15 Per Section 15.247(a)(1)(iii) For frequency hopping system operating in the 2400-2483.5MHz band, the average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.
Deviations from Standard Test procedures	:	None
Test Procedure	:	1. Connect the antenna port of the EUT to the spectrum analyzer by a low loss cable. 2. Set the EUT to proper test mode with relative test software and hardware. 3. Spectrum analyzer setting: Centered Frequency = measured channel, RBW = 1MHz, VBW ≥ RBW, Frequency Span = 0. 4. Set sweep time properly to capture the entire dwell time per hopping channel. 5. Set detector type to Peak and trace mode to Max Hold and make the measurement. 6. Repeat step 3-5 until all channels measured were complete.
Kind of test site	:	Shielded room
Operation mode	:	Frequency hopping with Max. Dwell time (DH5 mode)
Power supply	:	DC 3.7V
Temperature	:	22°C
Humidity	:	50%

Period = 0.4 (seconds) x 79 (channels) = 31.6 seconds

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Table 9: Dwell Time (DH5 mode)

channel	Frequency (GHz)	Dwell time of one signal Burst (ms)	Total Dwell Time (ms)	Limit (ms)
Low	2.402	3.000	$(3.190 \times 106.81) = 320.430$	≤ 400
Mid	2.441	2.980	$(3.230 \times 106.81) = 318.293$	≤ 400
High	2.480	2.980	$(3.230 \times 106.81) = 318.293$	≤ 400

Note:

For Bluetooth system, there are 1600 timeslots in one second. The DH5 mode operates on a 5-slot transmission and 1-slot receiving basis. Thus there are $1600 / (5+1) = 266.7$ transmission per second. In one period for each particular channel there are $(266.7/79) \times 31.6 = 106.81$ times of transmission.

Dwell Time in one period(ms) = Dwell time of one-slot transmission(ms) multiplexes 106.81

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5.8 Out-of-Band Emission

RESULT:

Pass

Date of testing : 27.10.2007

Test specification : FCC Part 15 Per Section 15.247(d)

Limits : FCC Part 15 Per Section 15.247(d)

In any 100kHz 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 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

In addition, radiated emission 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).

Deviations from Standard Test procedures :

None

Test Procedure :

1. Connect the antenna port of the EUT to the spectrum analyzer by a low lost cable.
2. Set the EUT to proper test mode with relative test software and hardware.
3. Spectrum analyzer setting: RBW = 100kHz, VBW≥RBW.
4. Set the proper frequency span respectively for out-of-band emission measurement of the band edge and the whole range (up to 10 times of the carrier frequency.)
5. Set the trace mode to Max Hold and mark the peak reading of any spurious emission recorded.

Kind of test site : Shielded room

Operation mode : Transmitting at the highest and lowest channel (band edge)
Transmitting at low, middle and high channel (whole rang)

Power supply : DC 3.7V

Temperature : 22°C

Humidity : 50%

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Table 10: Band Edges Emission

Emission	Attenuation (dB)	Limit (dB)
Lower Band Edge	All emission in this 100kHz bandwidth are attenuated more than 20dB from the carrier	≥ 20
Upper Band Edge	All emission in this 100kHz bandwidth are attenuated more than 20dB from the carrier	≥ 20

Table 11: Out-Of-Band Emission measurement (conducted)

Emission (Carrier operating at Channel low, mid and high)	Attenuation	Limit (dB)
30MHz to 25GHz	All emission in this 100kHz bandwidth are attenuated more than 20dB from the carrier	≥ 20

Table 12: Band Edges Emission in the Restricted Bands 2310-2390MHz and 2483.5-2500MHz

Restricted band	Frequency [MHz]	dBc [MHz]	PK [dBμV/m]	Polar ity (H/V)	PK limit [dBμV/m]	AV limit [dBμV/m]
Low band	2386.2	52.82	43.56	H	74	54
High band	2483.5	48.43	48.43	V	74	54
High band	2484.0	46.74	50.12	V	74	54

NOTE:

1. The Peak carrier field strength of channel 0 and channel 78 is 93.38dBuV/m and 96.86dBuV/m.
2. The dBc value between the carrier maximum power and band edge emission power of the frequency listed in the table is calculated from the test record showed in Appendix 1.
3. Peak value of the low band edge emission listed in the table is calculated by the below formula:
PK value of band edge emission = Peak carrier field strength – dBc value in item2

Please refer to Appendix 1 for measurement data.

6 Photographs of the Test Set-Up

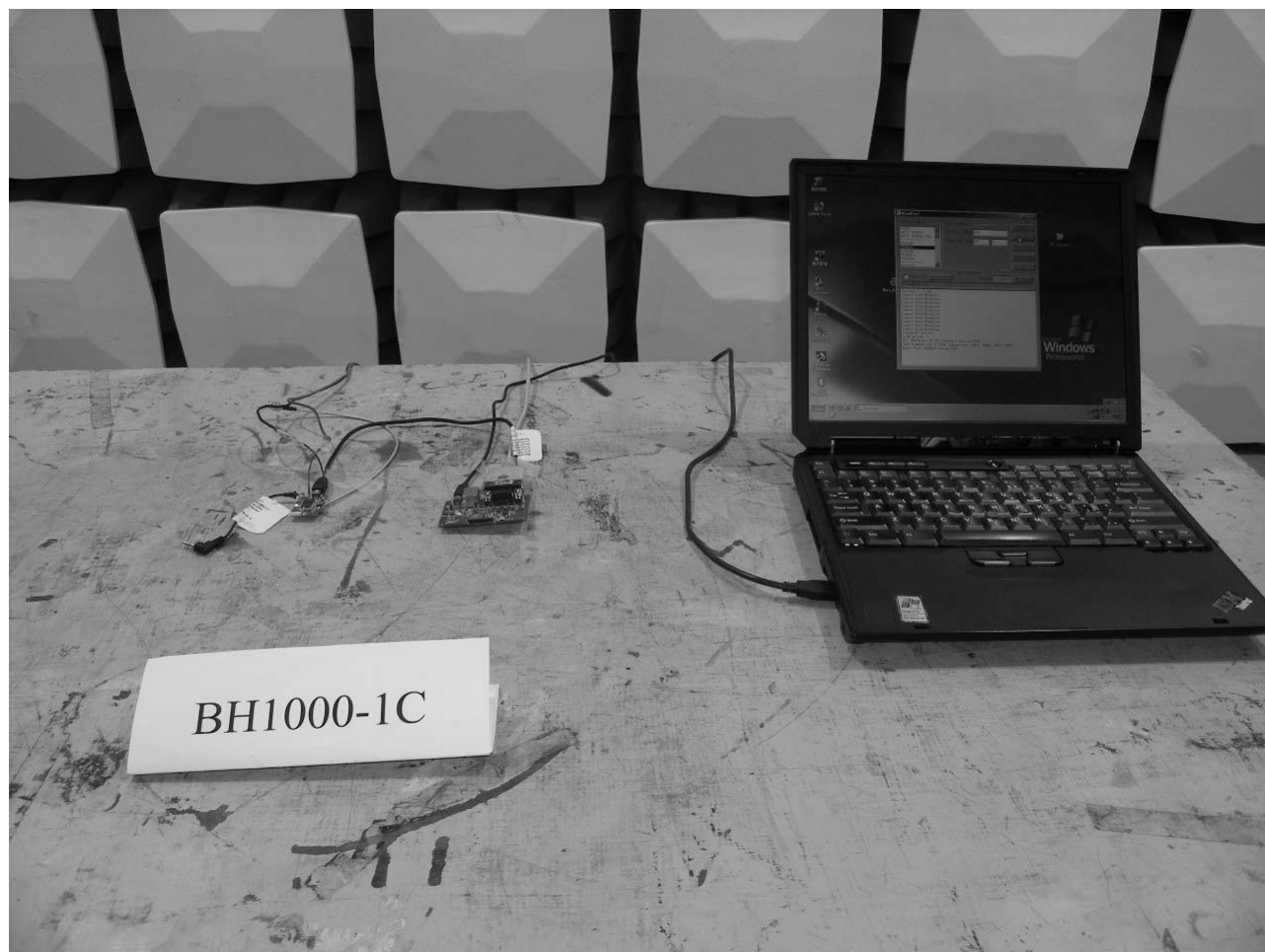
Photograph 1: Set-up for Radiation Measurement below 1GHz



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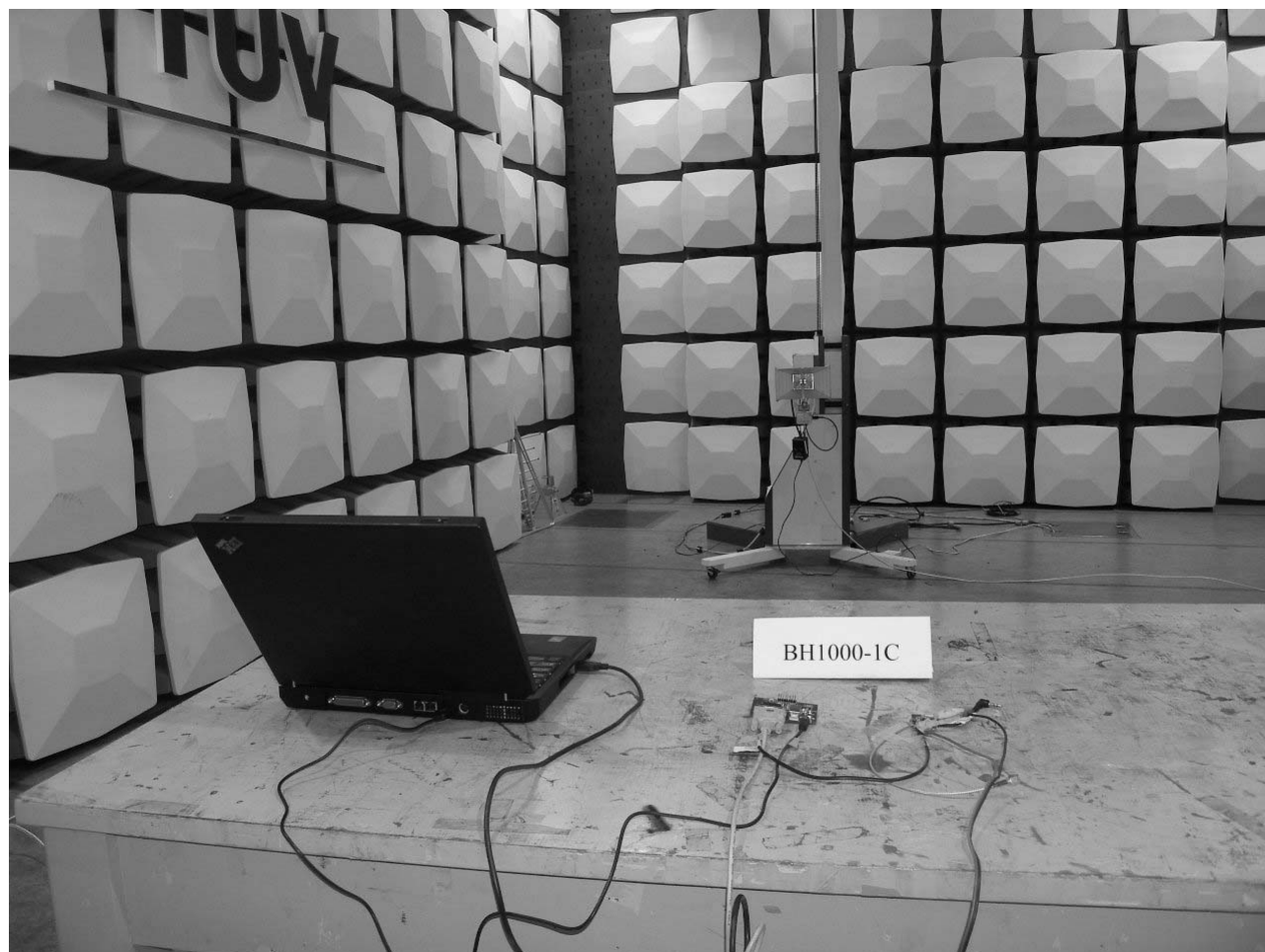


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Photograph 2: Set-up for Radiation Measurement above 1GHz



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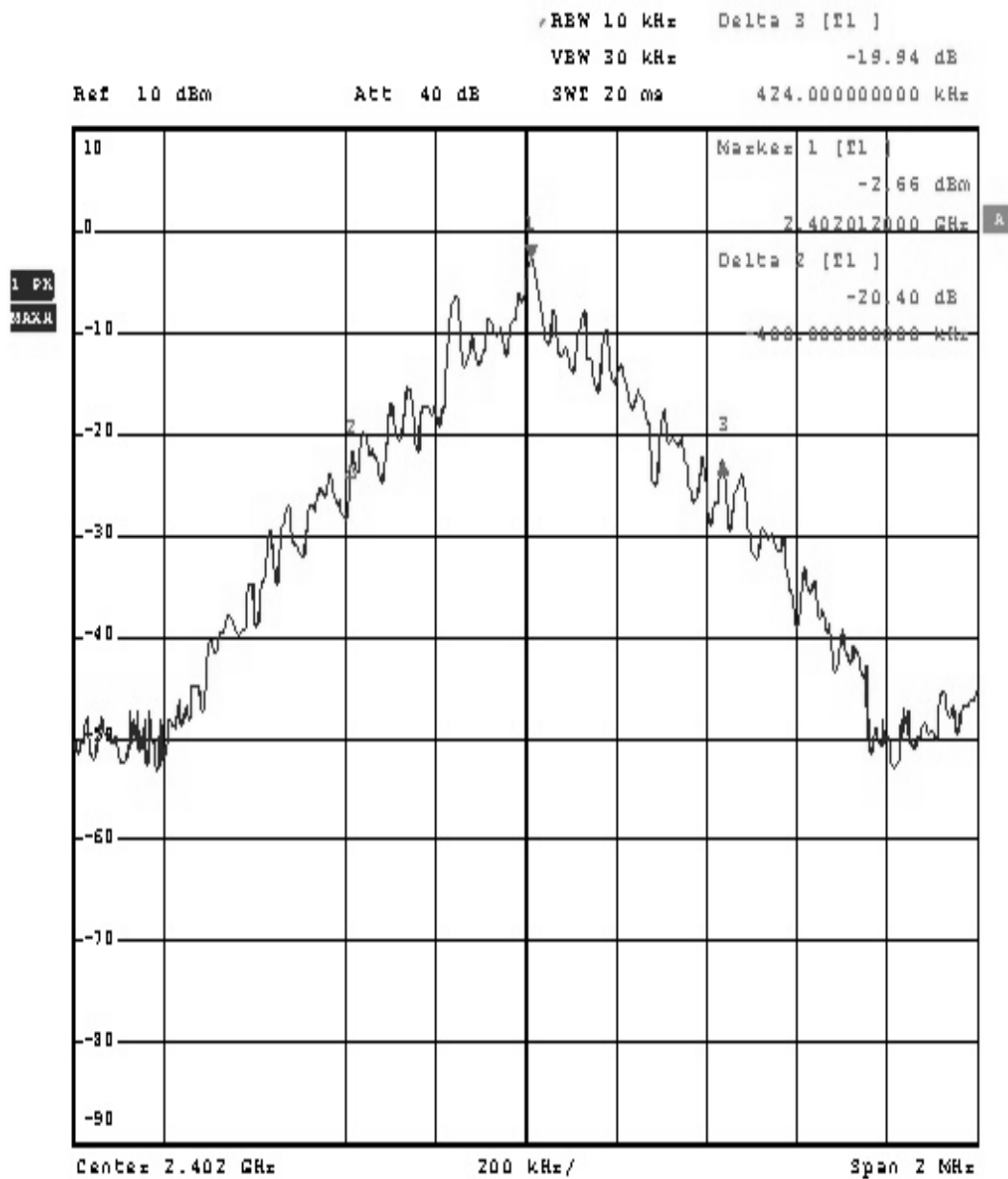
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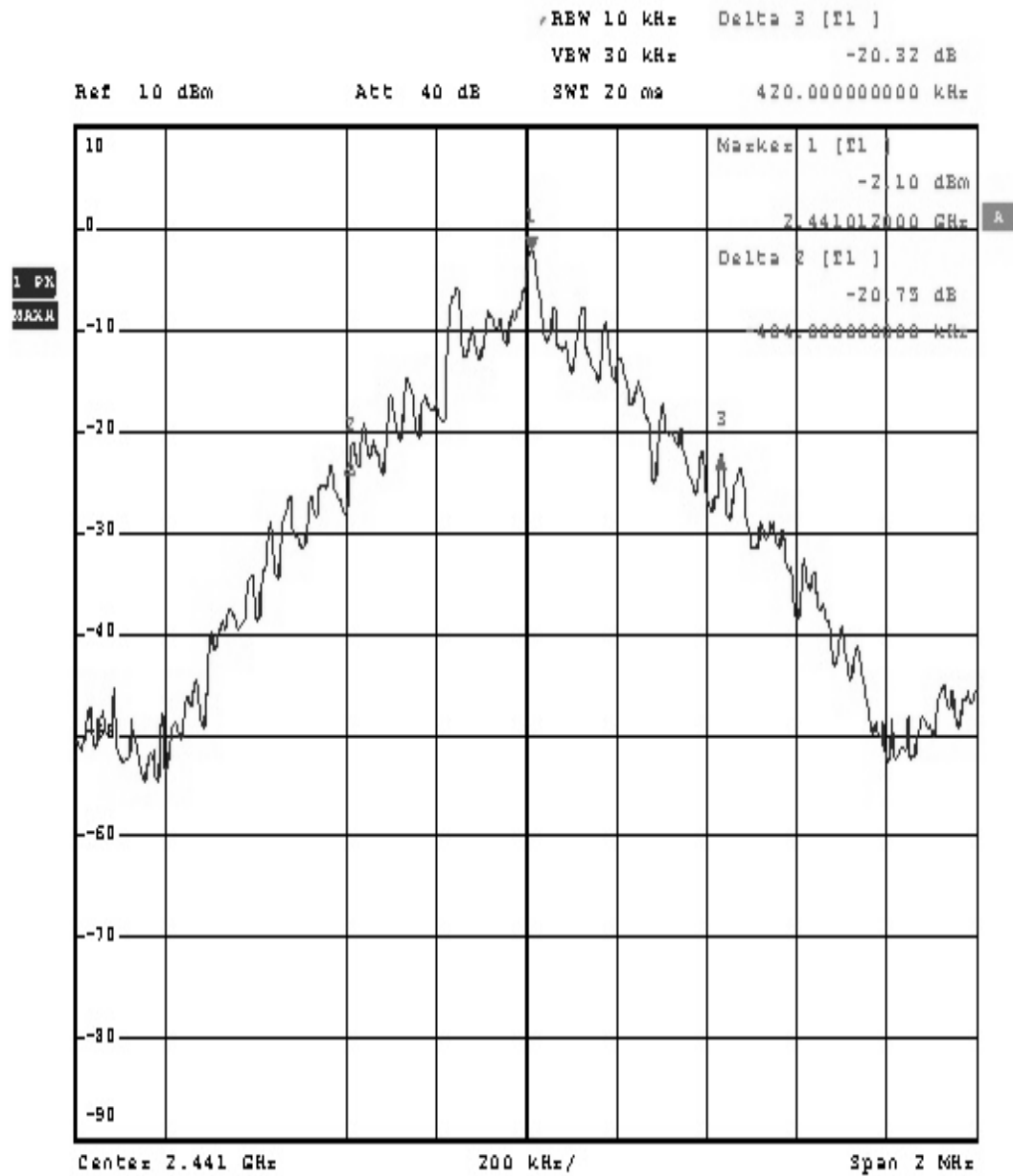
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20dB Bandwidth



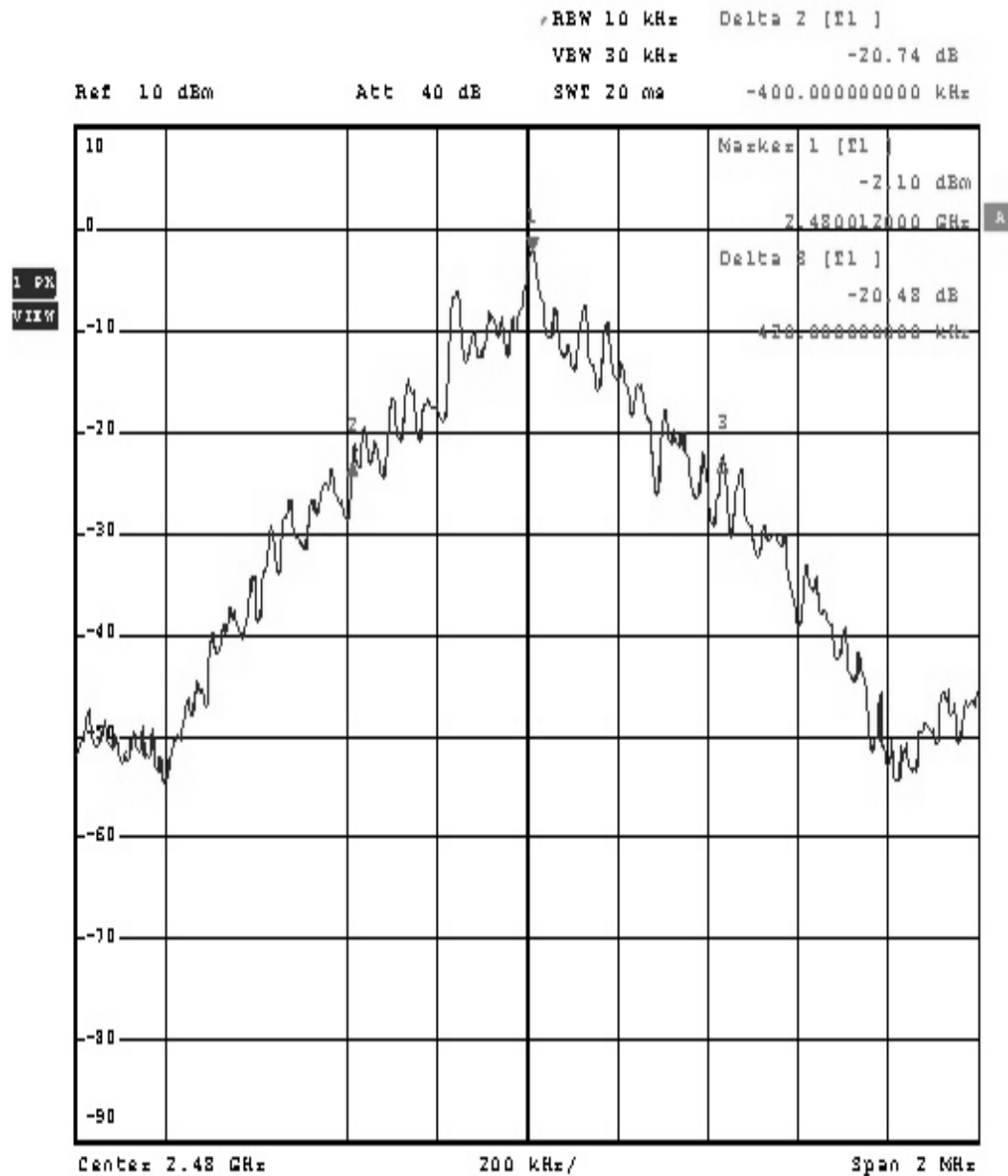
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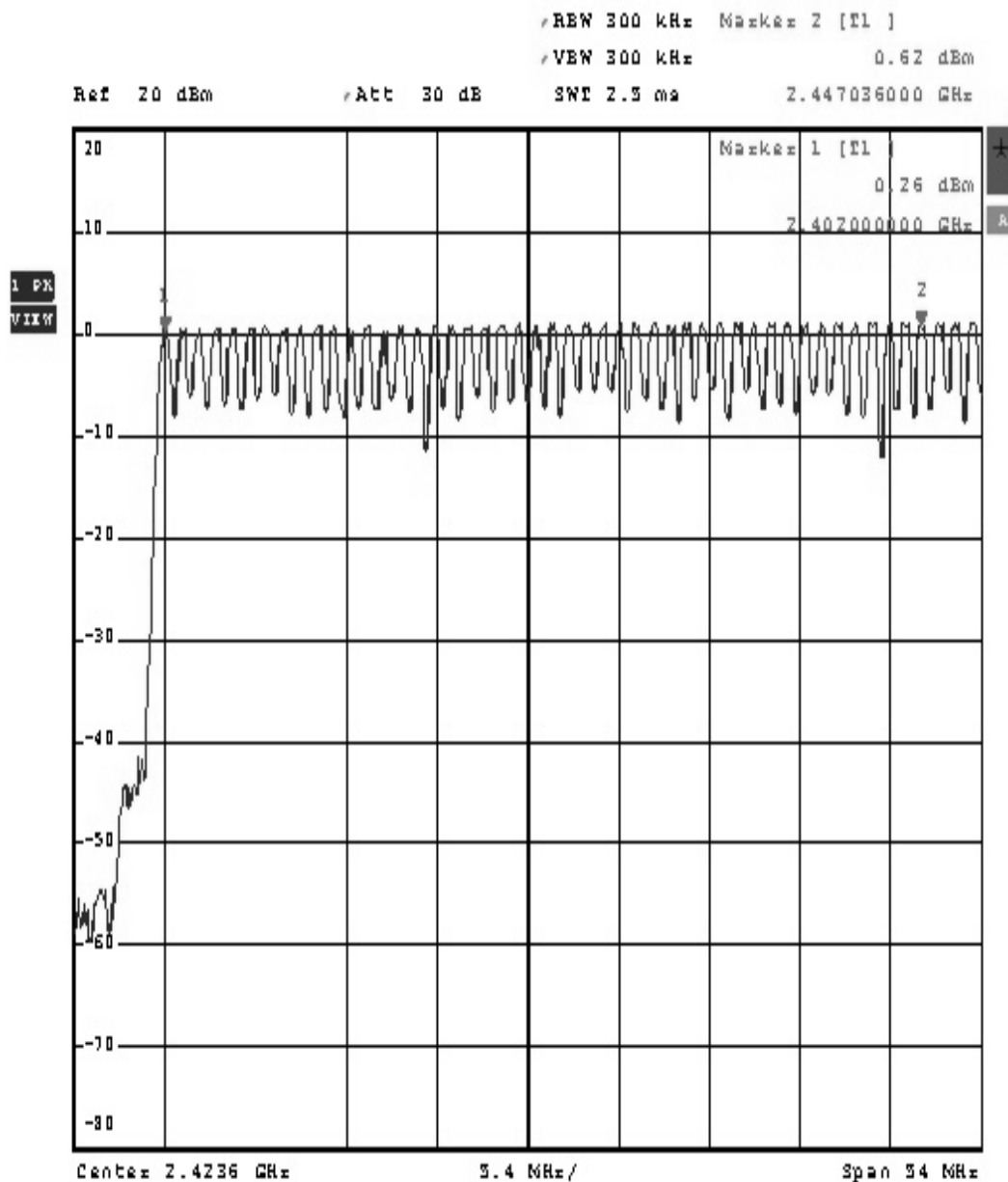
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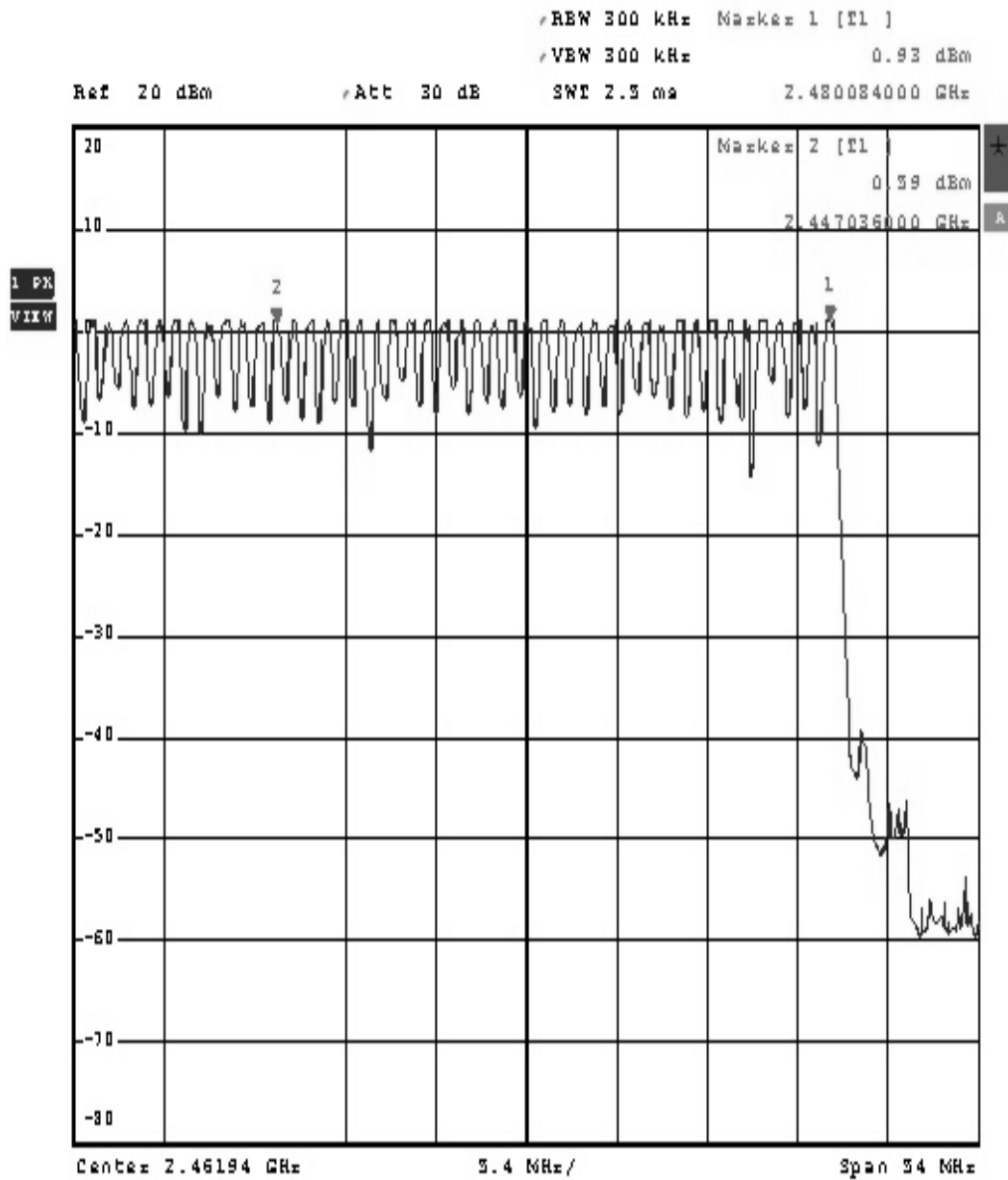
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Number of Hopping Frequency Used



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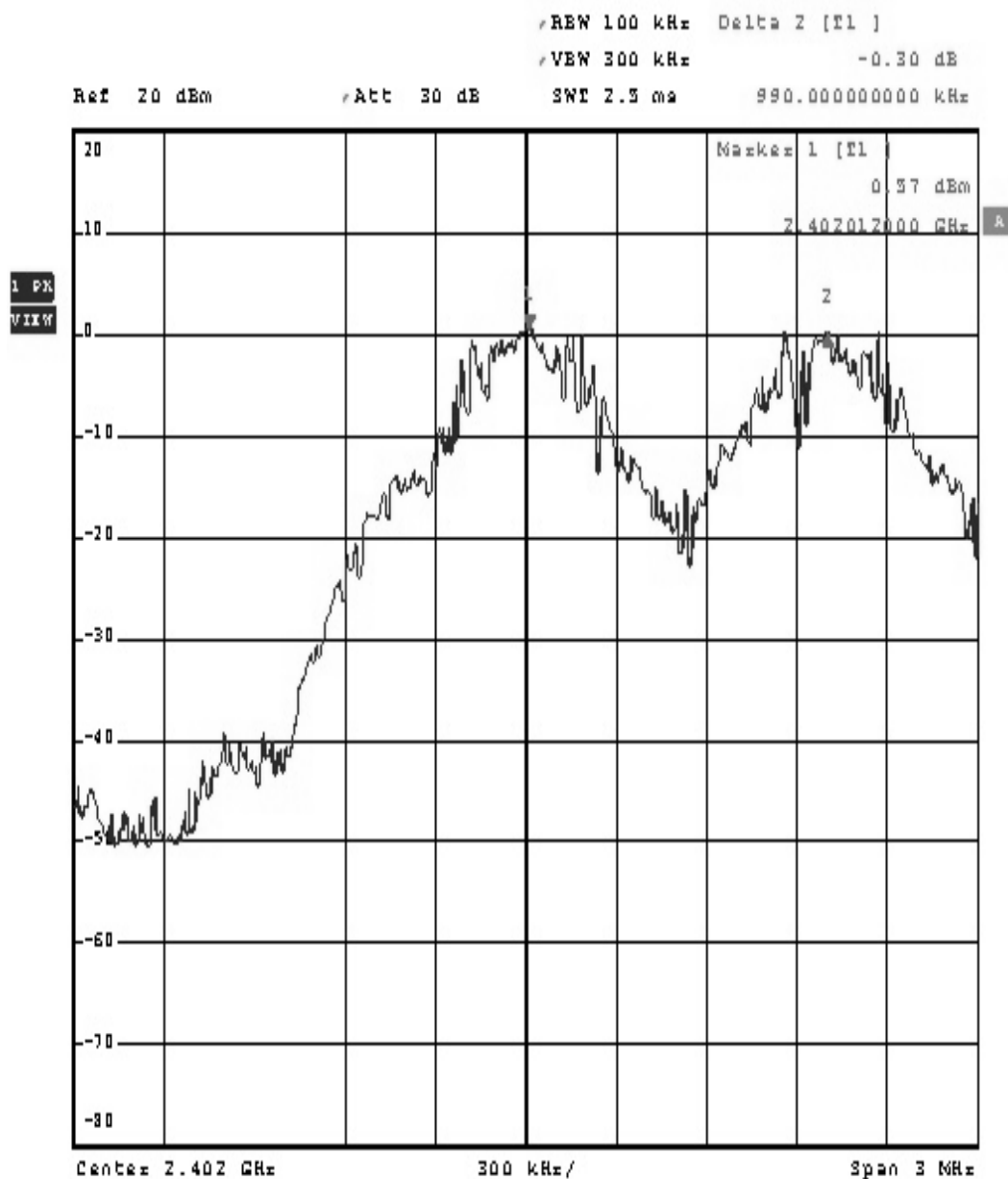
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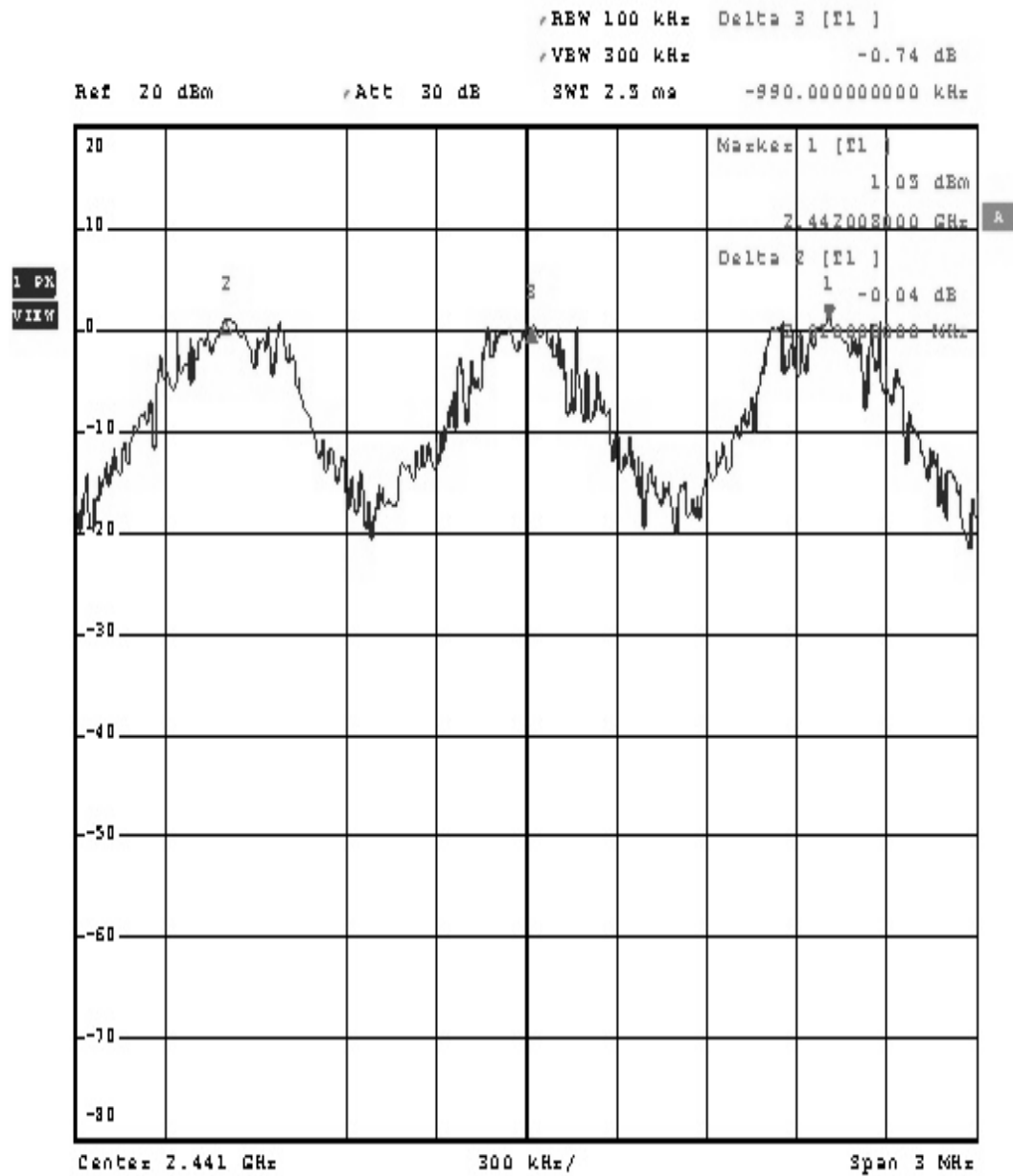
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Hopping Channel Carrier Frequency Separation



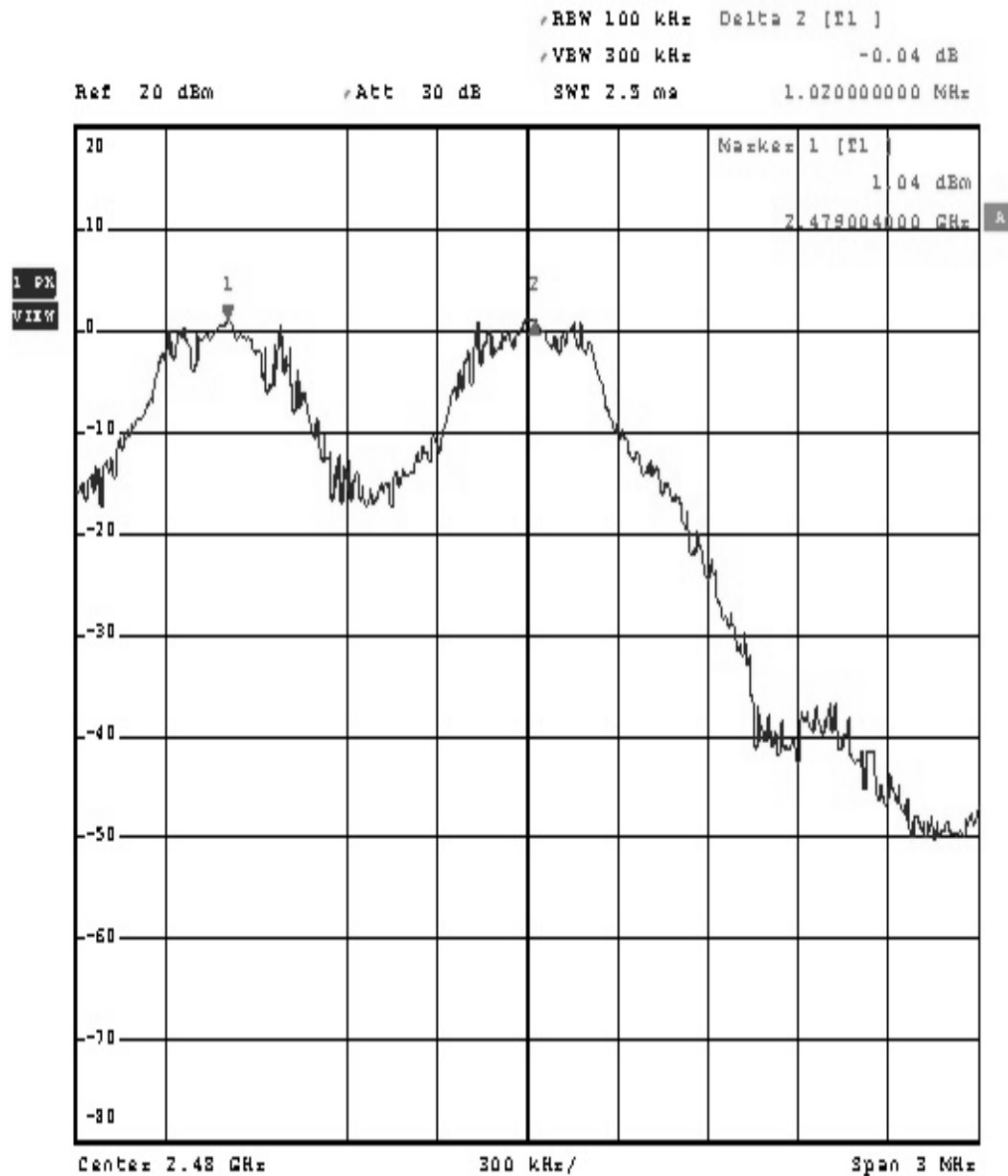
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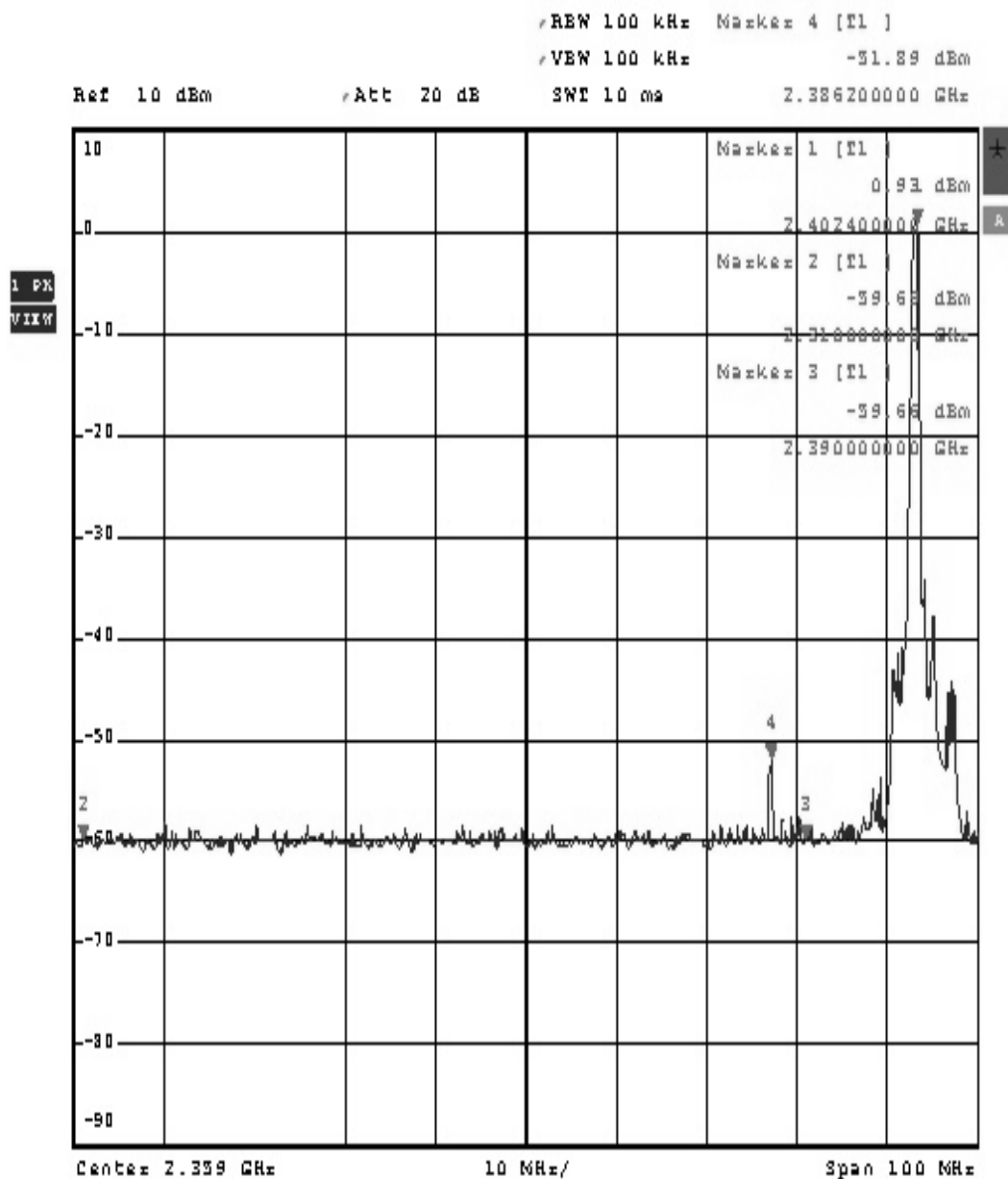
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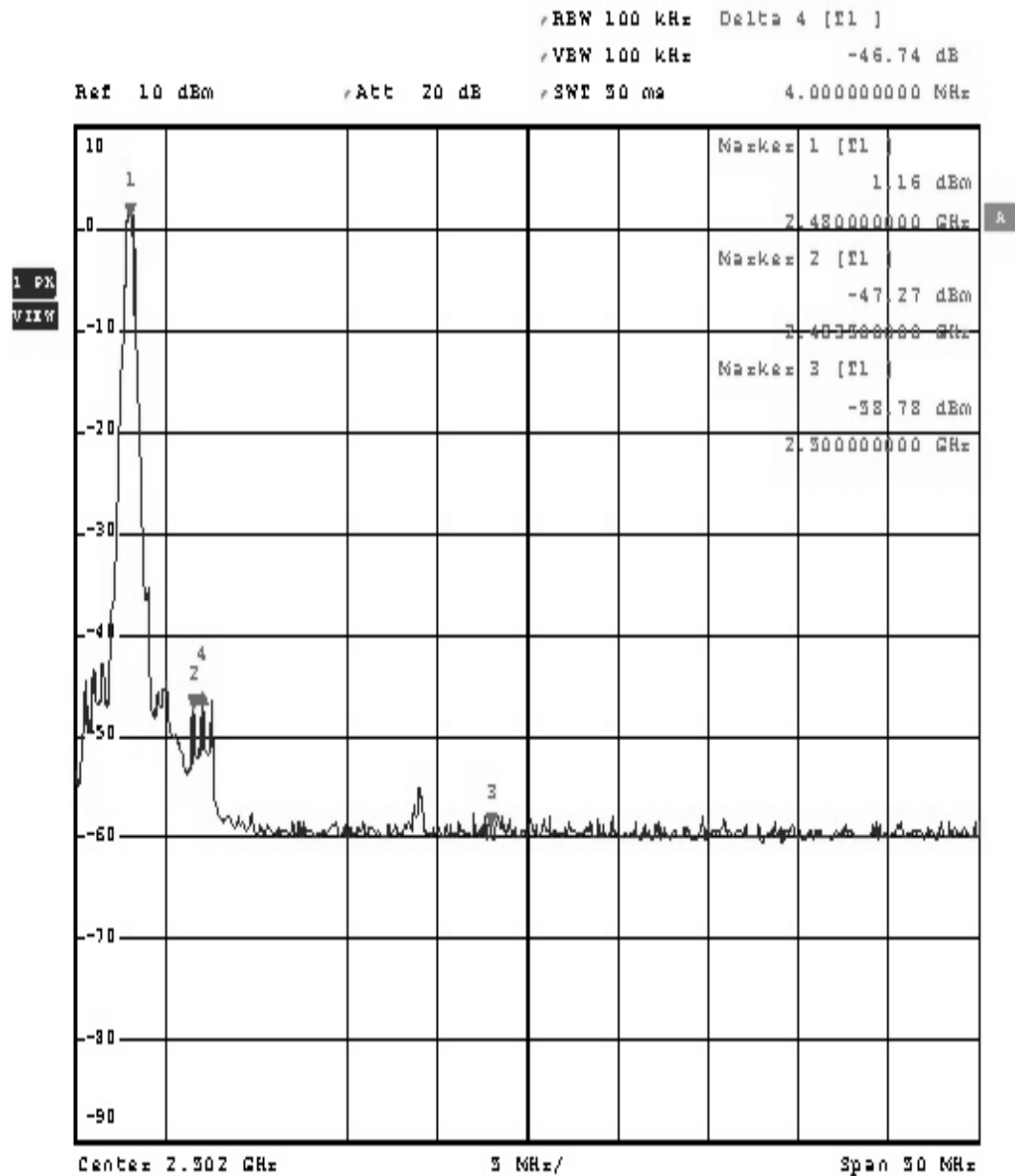
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Out-of-Band Emission



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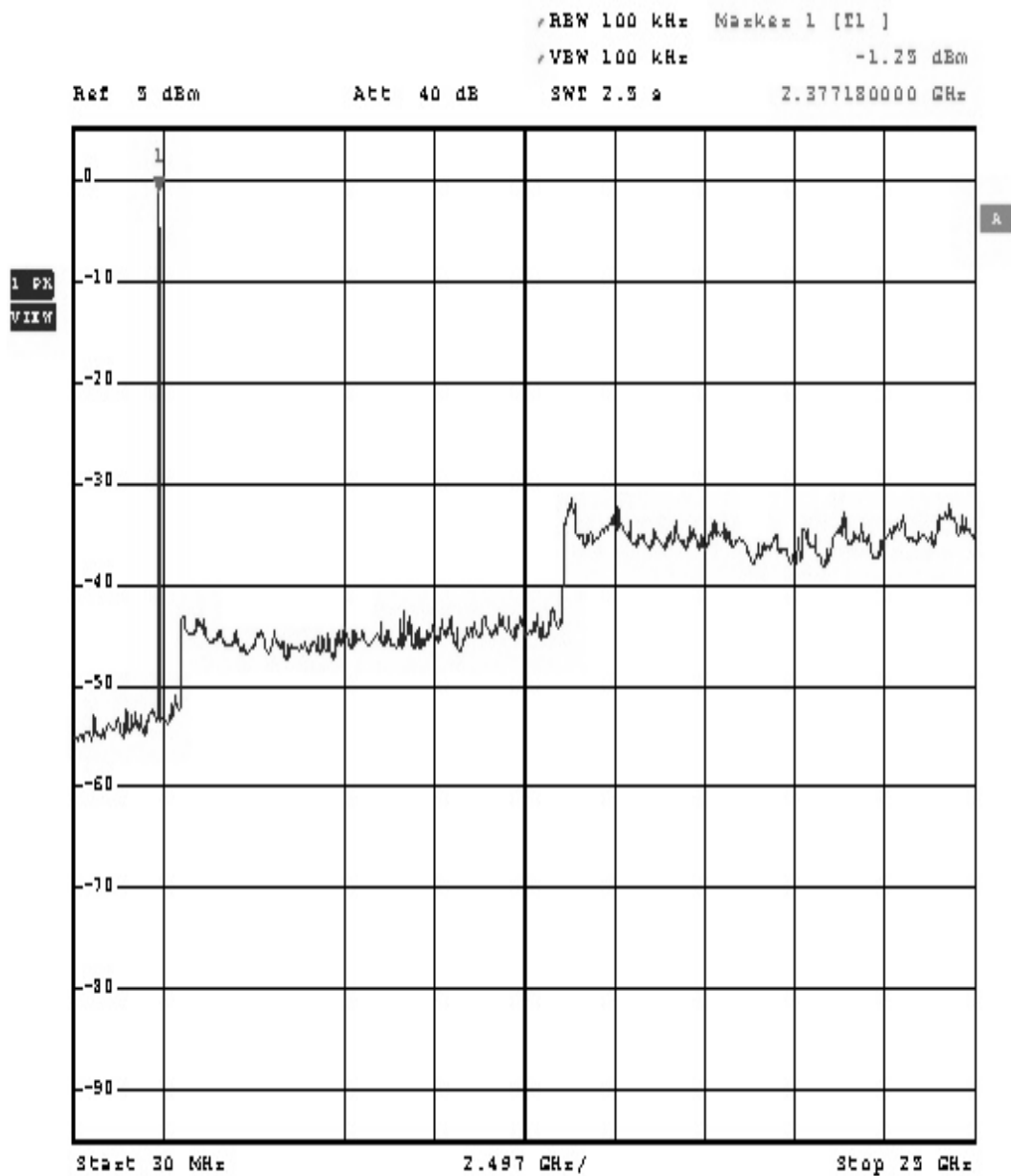
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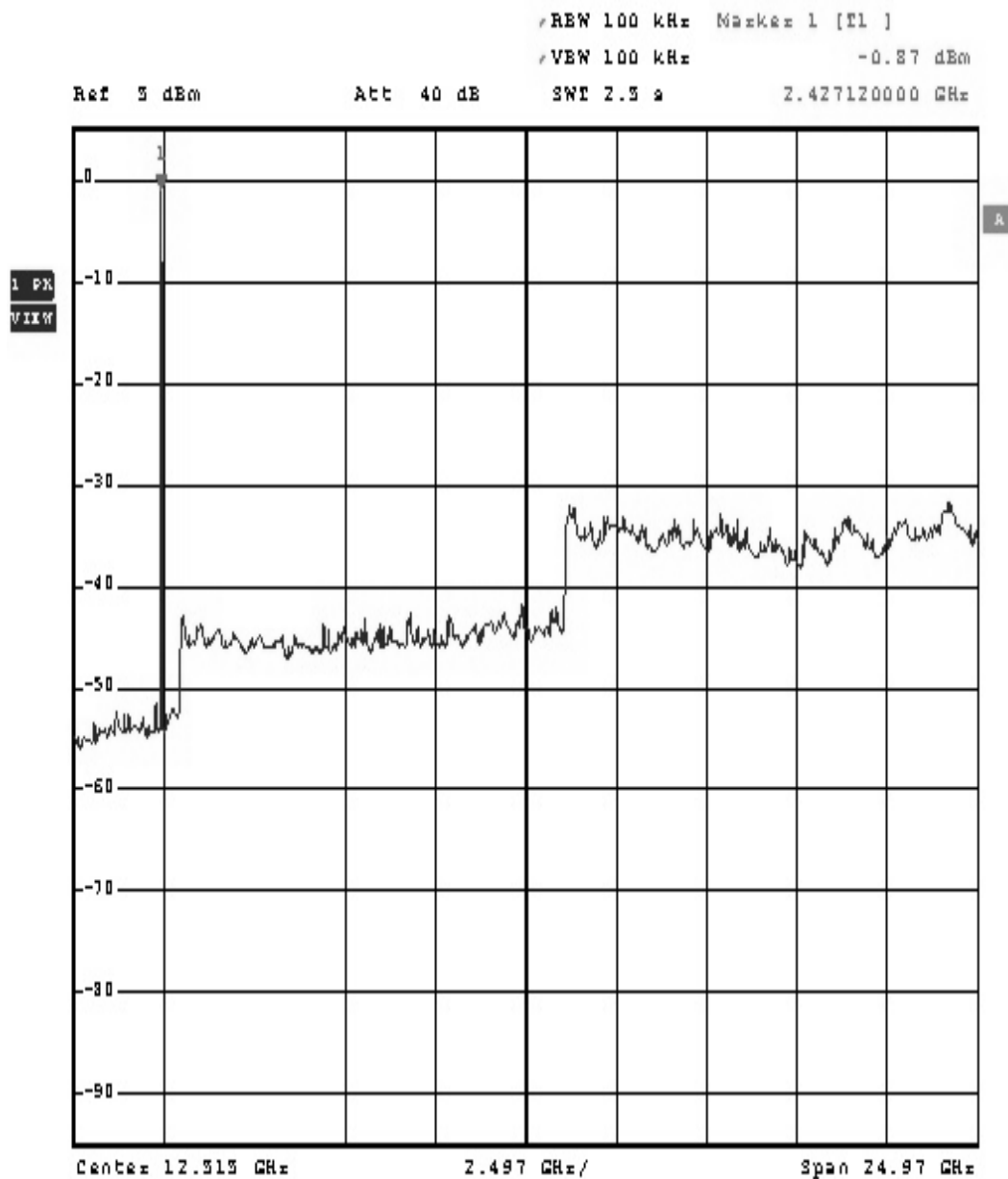
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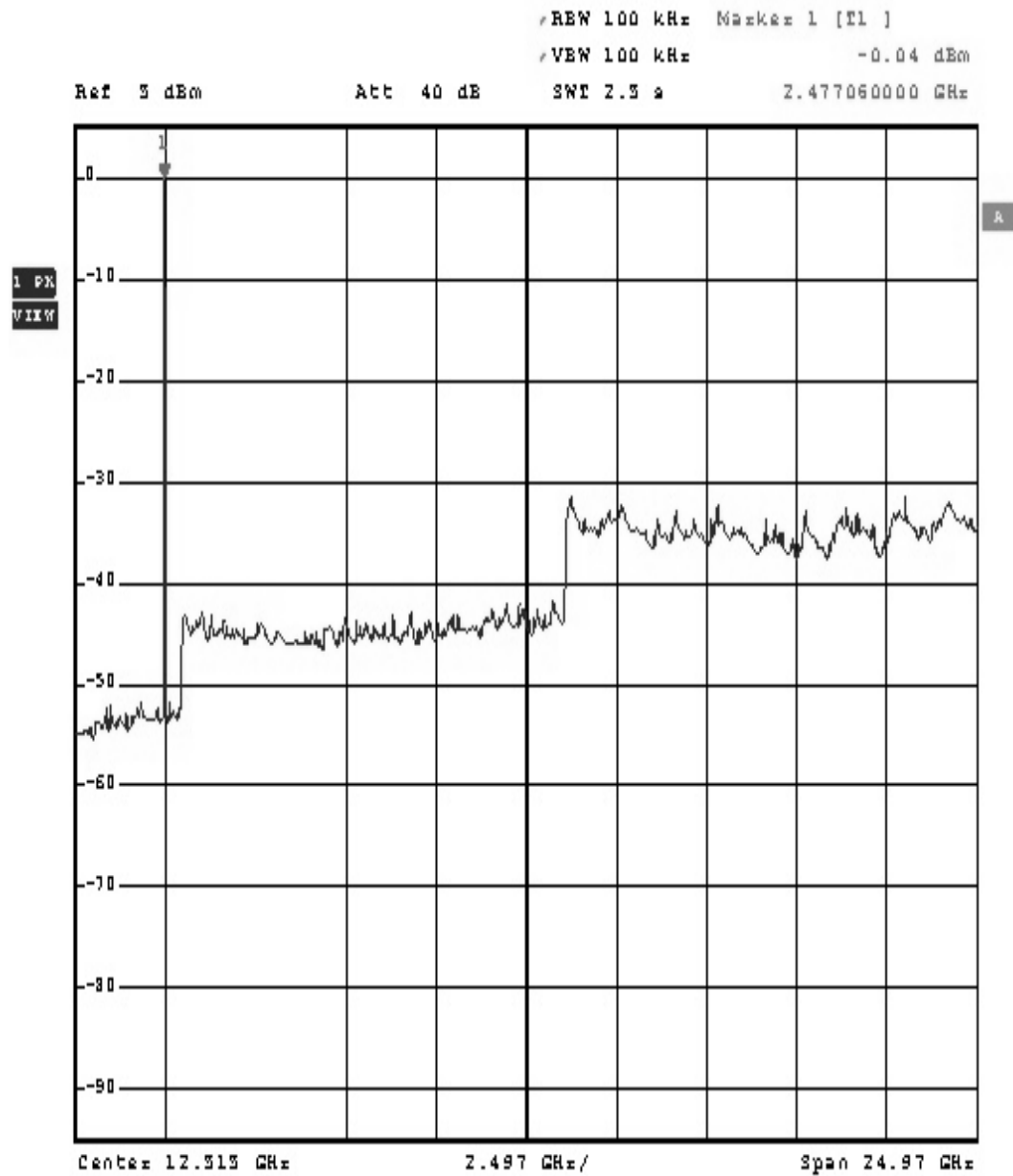
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