

TEST REPORT

OF

FCC Part 15 Subpart B&C §15.247

FCC ID: BEJHBM560

Equipment Under Test : Bluetooth Mono Headset
Model Name : LG HBM-560
Serial No. : N/A
Applicant : LG Electronics Inc.
Manufacturer : CILPCOMM
Date of Test(s) : 2007-05-02 ~ 2007-05-15
Date of Issue : 2007-05-18

In the configuration tested, the EUT complied with the standards specified above.

Tested By:



Date

2007-05-18

Feel Jeong

Approved By



Date

2007-05-18

James Kwon

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1. General Information

1.1. Testing Laboratory

SGS Testing Korea Co., Ltd.

Wireless Div. 2FL, 18-34, Sanbon-dong, Gunpo-si, Gyeonggi-do, Korea 435-040

www.electrolab.kr.sgs.com

Telephone : +82 +31 428 5700

FAX : +82 +31 427 2371

1.2. Details of Applicant

Applicant : LG Electronics Inc.

Address : LG Twin Towers 20, Yeouido-dong, Yeongdeungpo-gu, Seoul, 150-721, Korea

Contact Person : Soo Yong Shim

Phone No. : 82-2-3777-6063

Fax No. : 82-2-3777-6066

1.3. Description of EUT

Kind of Product	Bluetooth Mono Headset
Model Name	LG HBM-560
Serial Number	N/A
Power Supply	DC 3.7 V
Frequency Range	2402 MHz ~ 2480 MHz
Modulation Technique	GFSK
Number of Channels	79
Operating Conditions	-20 °C ~ 60 °C
Antenna Type	Internal PIPA Antenna

* Manufacturer declares operation voltage: DC 3.2 V ~ 4.2 V

1.4. Details of modification

-N/A

1.5. Test Equipment List

EQUIPMENT	MANUFACTURER	MODEL	CAL DUE.
Signal Generator	Agilent	E4438C	May 2008
Spectrum Analyzer	Agilent	E4440A	May 2008
Spectrum Analyzer	H.P.	8593E	Sep. 2007
DC Power Supply	Agilent	E3631A	May 2008
Attenuator	Agilent	8494B	May 2008
Test Receiver	Rohde & Schwarz	ESVS10	May 2008
Preamplifier	AGILENT	8449B	May 2008
Amplifier	H.P	8447B	May 2008
Ultra-Broadband Antenna	Rohde & Schwarz	HL562	Sep. 2007
Horn Antenna	Electro-Metrics	RGA-60	Dec. 2007
Anechoic Chamber	SY Corporation	L x W x H 9.6 x 6.4 x 6.4	Aug. 2007

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1.6. Summary of Test Results

The EUT has been tested according to the following specifications:

APPLIED STANDARD:FCC Part15, Subpart B & Subpart C		
Standard Section	Test Item	Result
15.107(a)	AC Power Conducted Emission	N/A
15.205(a) 15.209(a) 15.247(d)	Spurious Emission, Band Edge and Restricted Bands	Complied
15.247(a)(1)	20 dB Bandwidth	Complied
15.247(b)(1)	Maximum Peak Output Power	Complied
15.247(a)(1)	Frequency Separation	Complied
15.247(a)(1)(iii)	Number of Hopping Frequency	Complied
15.247(a)(1)(iii)	Time of Occupancy (Dwell Time)	Complied
15.247(e)	Power Spectral Density	Complied
15.247(i) 1.1307(b)(1)	RF Exposure	Complied

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2. Conducted Power Line Test – Not Applicable

2.1. Test Setup

2.2. Limit

According to §15.107(a) 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 in the following table, as measured using a 50 uH/50 ohm line impedance stabilization network(LISN).

Compliance with the provision of this paragraph shall on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower applies at the boundary between the frequency ranges.

Frequency of Emission (MHz)	Conducted limit (dBμV)	
	Qausi-peak	Average
0.15 – 0.50	66-56*	56-46*
0.50 – 5.00	56	46
5.00 – 30.0	60	50

* Decreases with the logarithm of the frequency.

2.3. Test Procedures

The test procedure is performed in a 6.5m × 3.6m × 3.6m (L×W×H) shielded room. The EUT along with its peripherals were placed on a 1.0m(W)× 1.5m(L) and 0.8m in height wooden table and the EUT was adjusted to maintain a 0.4 meter space from a vertical reference plane.

The EUT was connected to power mains through a line impedance stabilization network (LISN) which provides 50 ohm coupling impedance for measuring instrument and the chassis ground was bounded to the horizontal ground plane of shielded room. All peripherals were connected to the second LISN and the chassis ground also bounded to the horizontal ground plane of shielded room. The excess power cable between the EUT and the LISN was bundled. The power cables of peripherals were unbundled. All connecting cables of EUT and peripherals were moved to find the maximum emission.

2.4. Test Results

The following table shows the highest levels of conducted emissions on both phase of Hot and Neutral line.

Ambient temperature : °C Relative humidity : %

Frequency range : 0.15 MHz – 30 MHz

Measured Bandwidth : 9 kHz

FREQ. (MHz)	LEVEL(dBuV)		LINE	LIMIT(dBuV)		MARGIN(dB)	
	Q-Peak	Average		Q-Peak	Average	Q-Peak	Average

Note ;

Line (H) : Hot

Line (N) : Neutral

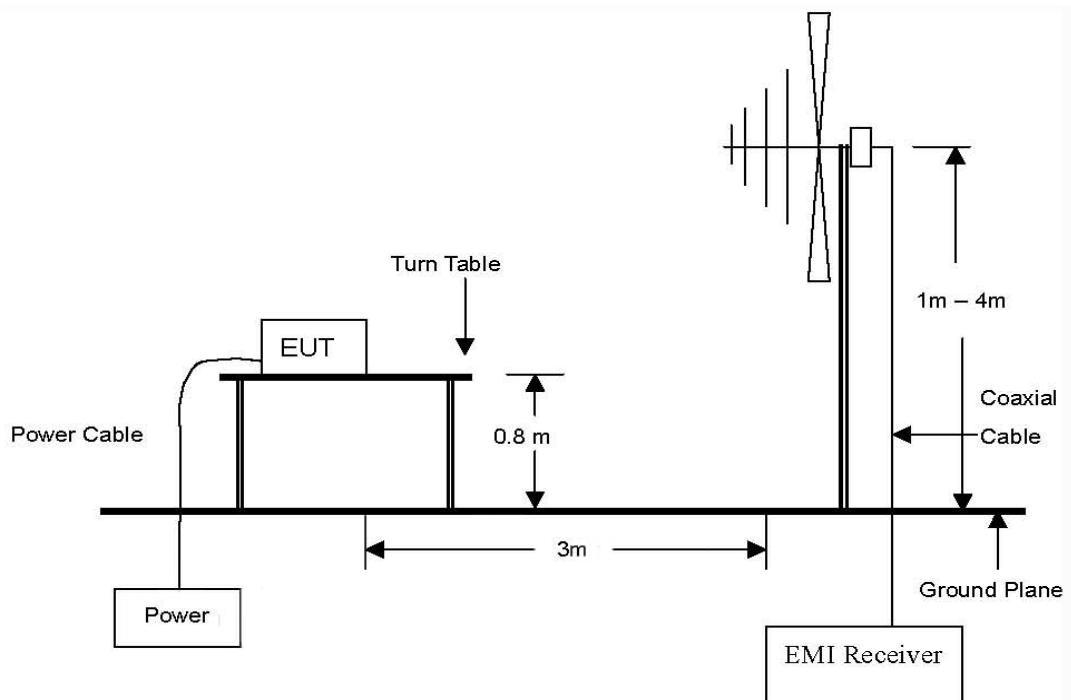
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3. Spurious Emission, Band Edge, and Restricted Band Test

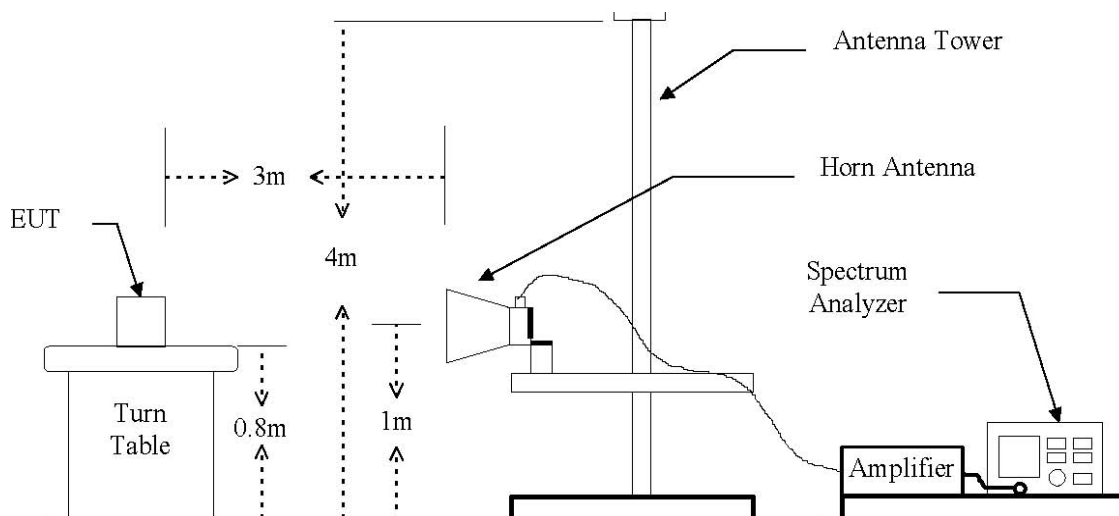
3.1. Test Setup

3.1.1. Spurious Radiated Emissions

The diagram below shows the test setup that is utilized to make the measurements for emission from 30 MHz to 1 GHz Emissions.



The diagram below shows the test setup that is utilized to make the measurements for emission from 1 GHz to 18 GHz Emissions.



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3.1.2. Spurious RF Conducted Emissions



3.2. Limit

According to §15.247(d), 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 emission which in the restricted band, as define in section §15.205(a), must also comply the radiated emission limits specified in section §15.209(a) (see section §15.205(c))

According to § 15.209(a), for an intentional radiator devices, the general required of field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values :

Frequency (MHz)	Distance (Meters)	Field Strength (dBμV/m)	Field Strength (μV/m)
30 - 88	3	40.0	100
88 – 216	3	43.5	150
216 – 960	3	46.0	200
Above 960	3	54.0	500

According to §15.109(a), for an unintentional device, except for Class A digital devices, the field strength of radiated emission from unintentional radiators at a distance of 3 meters shall not exceed the above table.

3.3. Test Procedures

Radiated emissions from the EUT were measured according to the dictates of ANSI C63.4:2003

3.3.1. Test Procedures for Spurious Radiated Emissions

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter anechoic chamber test site. The table was rotated 360 degrees to determine the position of the highest radiation.
2. During performing radiated emission below 1 GHz, the EUT was set 3 meters away from the interference receiving antenna, which was mounted on the top of a variable-height antenna tower. During performing radiated emission above 1 GHz, the EUT was set 1 meter away from the interference-receiving antenna.
3. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
6. If the emission level of the EUT in peak mode was 10 dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10 dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

NOTE ;

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1 GHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz for Peak detection and frequency above 1 GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 10 Hz for Average detection (AV) at frequency above 1 GHz.

3.3.2. Test Procedures for Spurious RF Conducted Emissions

1. The transmitter output was connected to the spectrum analyzer through an attenuator.
2. The bandwidth of the fundamental frequency was measured with the spectrum analyzer using RBW=100 kHz, VBW=100 kHz.

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3.4. Test Results

Ambient temperature : 22 °C Relative humidity : 43 %

3.4.1. Spurious Radiated Emission (30 MHz ~ 1000 MHz)

The frequency spectrum from 30 MHz to 1000 MHz was investigated. All emissions are not reported much lower than the prescribed limits. All reading values are quasi-peak values.

Radiated Emissions			Ant	Correction Factors		Total	FCC Limit	
Frequency (MHz)	Reading (dBuV)	Detect Mode	Pol.	AF/CL (dB/m)/(dB)	Amp Gain (dB)	Actual (dBuV/m)	AV Limit (dBuV/m)	Margin (dB)
570	30.97	Q.P.	H	16.48 /2.76	29.71	20.50	46	25.50
956	32.39	Q.P.	H	20.86 / 3.63	28.70	28.18	46	17.82

Remark:

1. All spurious emission at channels are almost the same below 1 GHz, so that the channel was chosen at representative in final test.
2. “*” means the restricted band.
3. Actual = Reading + AF + CL – Amp Gain.

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3.4.2. Spurious Radiated Emission (Above 1000 MHz)

The frequency spectrum above 1000 MHz was investigated. All emissions are not reported much lower than the prescribed limits. Reading values are both peak and average values.

A. Low Channel (2402 MHz)

Radiated Emissions			Ant	Correction Factors		Total	FCC Limit	
Frequency (MHz)	Reading (dBuV)	Detect Mode	Pol.	AF (dB/m)	Amp Gain+CL (dB)	Actual (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1601.95	65.00	P	H	25.56	30.96	59.60	74	14.4
1601.95	52.30	A	H	25.56	30.96	46.90	54	7.1
2390.00*	44.62	P	H	28.06	29.26	43.42	54	10.58
4804.00	46.11	P	H	32.89	25.23	53.77	74	20.23
4804.00	33.71	A	H	32.89	25.23	41.37	54	12.63
7206.00	49.55	P	H	35.69	18.14	67.10	74	6.90
7206.00	32.88	A	H	35.69	18.14	50.43	54	3.57
Above 8000	Not Detected							

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B. Middle Channel (2441 MHz)

Radiated Emissions			Ant	Correction Factors		Total	FCC Limit	
Frequency (MHz)	Reading (dBuV)	Detect Mode	Pol.	AF (dB/m)	Amp Gain+CL (dB)	Actual (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1627.93	65.37	P	H	25.65	30.96	60.06	74	13.94
1627.93	50.64	A	H	25.65	30.96	45.33	54	8.67
4882.00	47.13	P	H	32.93	25.30	54.76	74	19.24
4882.00	32.58	A	H	32.93	25.30	40.21	54	13.79
7323.00	49.37	P	H	35.85	16.16	69.06	74	4.94
7323.00	30.11	A	H	35.85	16.16	49.80	54	4.20
Above 8000	Not Detected							

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C. High Channel (2480 MHz)

Radiated Emissions			Ant	Correction Factors		Total	Limit	
Frequency (MHz)	Reading (dBuV)	Detect Mode	Pol.	AF (dB/m)	Amp Gain+CL (dB)	Actual (dBuV/m)	Limit (dBuV/m)	Margin (dB)
1653.98	66.76	P	H	25.74	30.96	61.54	74	12.46
1653.98	51.00	A	H	25.74	30.96	45.78	54	8.22
2483.50*	48.42	P	H	28.34	36.52	40.24	54	13.76
4960.00	46.03	P	H	32.97	24.95	42.48	54	11.52
7440.00	49.35	P	H	36.01	14.14	71.22	74	2.78
7440.00	30.42	A	H	36.01	14.14	52.29	54	1.71
Above 8000	Not Detected							

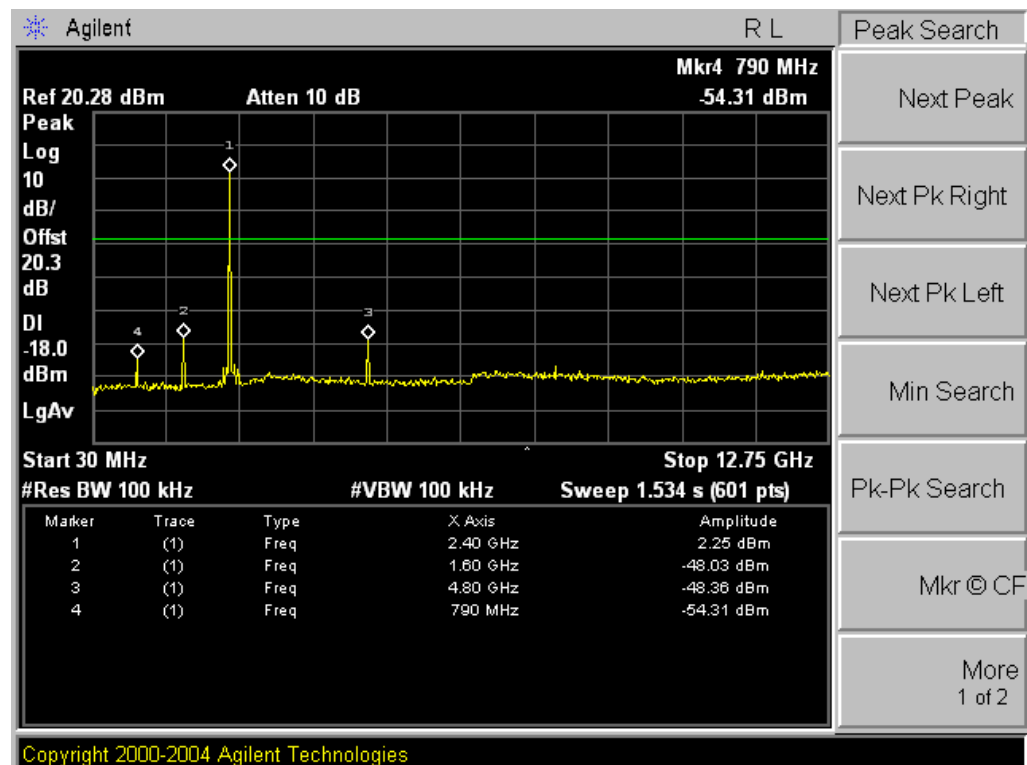
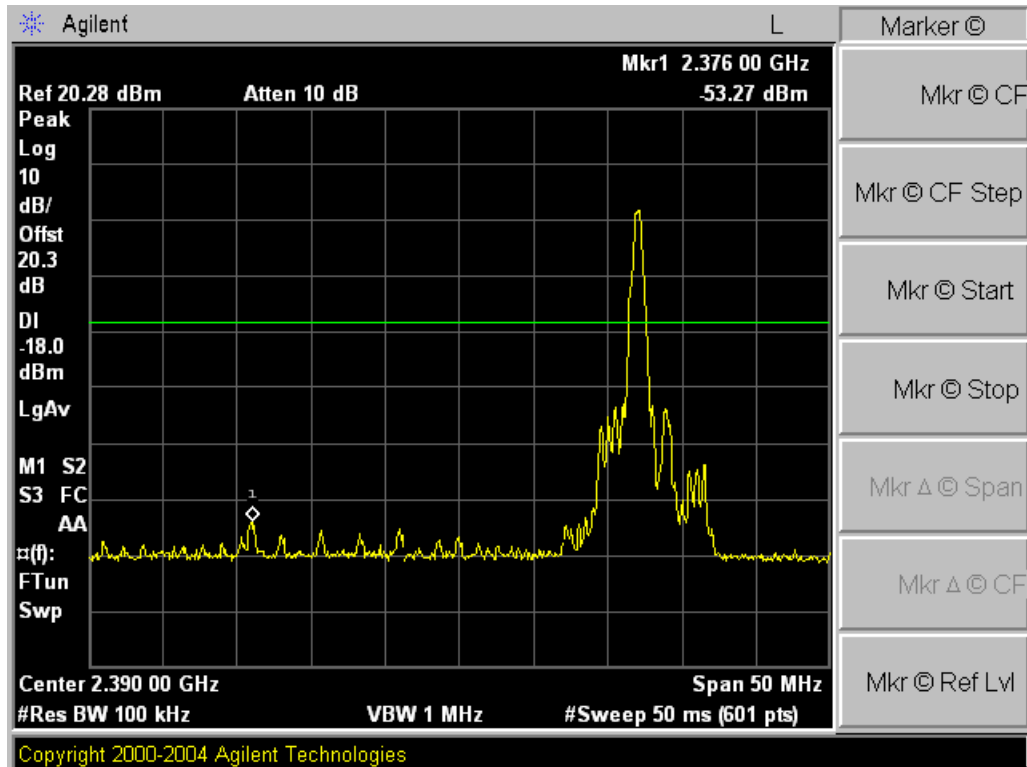
Remarks ;

1. “*” means the restricted band.
2. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental Frequency.
3. Radiated emissions measured in frequency above 1000 MHz were made with an instrument using peak/average detector mode.
4. Average test would be performed if the peak result were greater than the average limit.
5. Actual = Reading + AF – (Amp Gain + CL)

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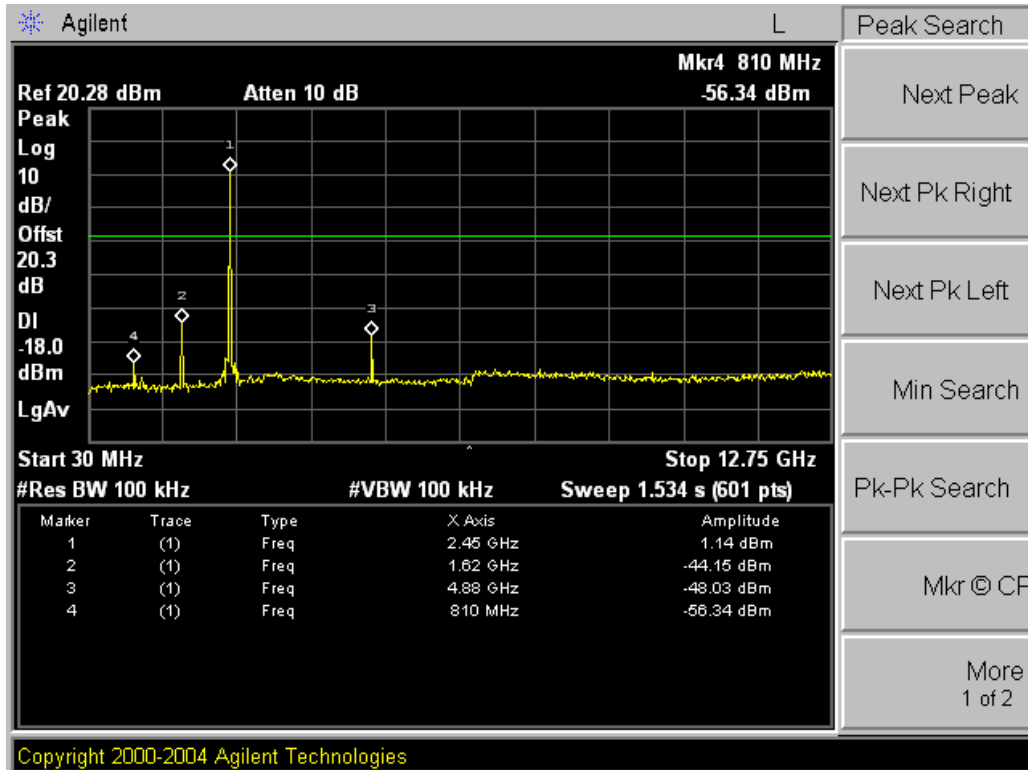
3.4.3. Spurious RF Conducted Emissions: Plot of Spurious RF Conducted Emission

Low Channel



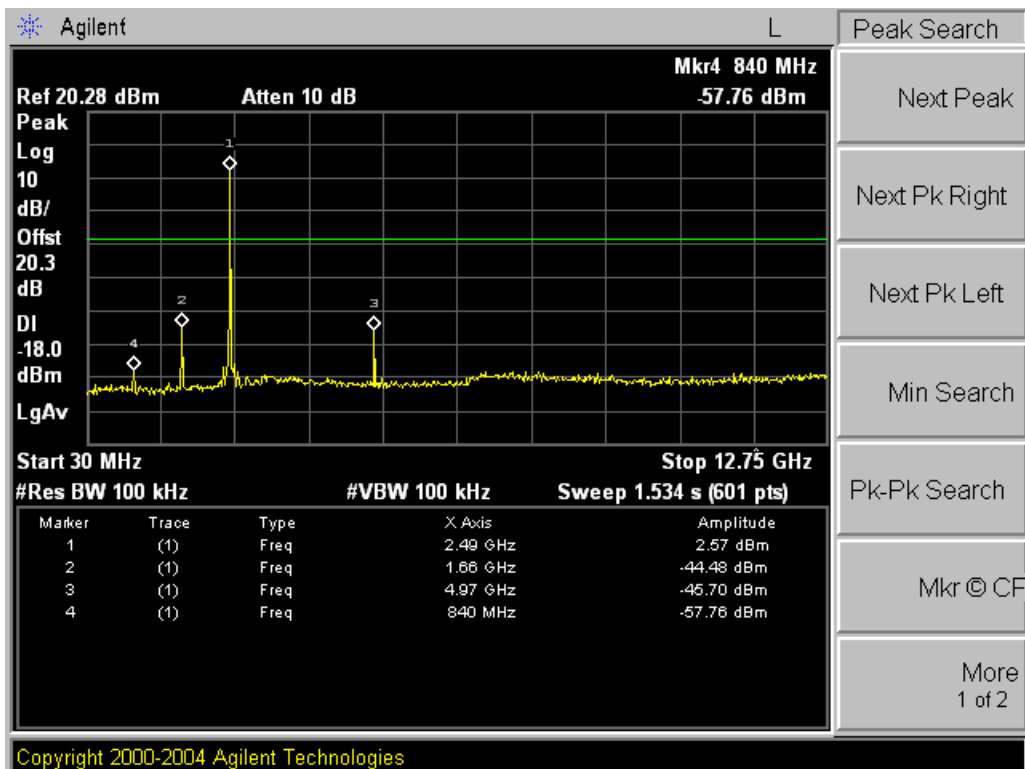
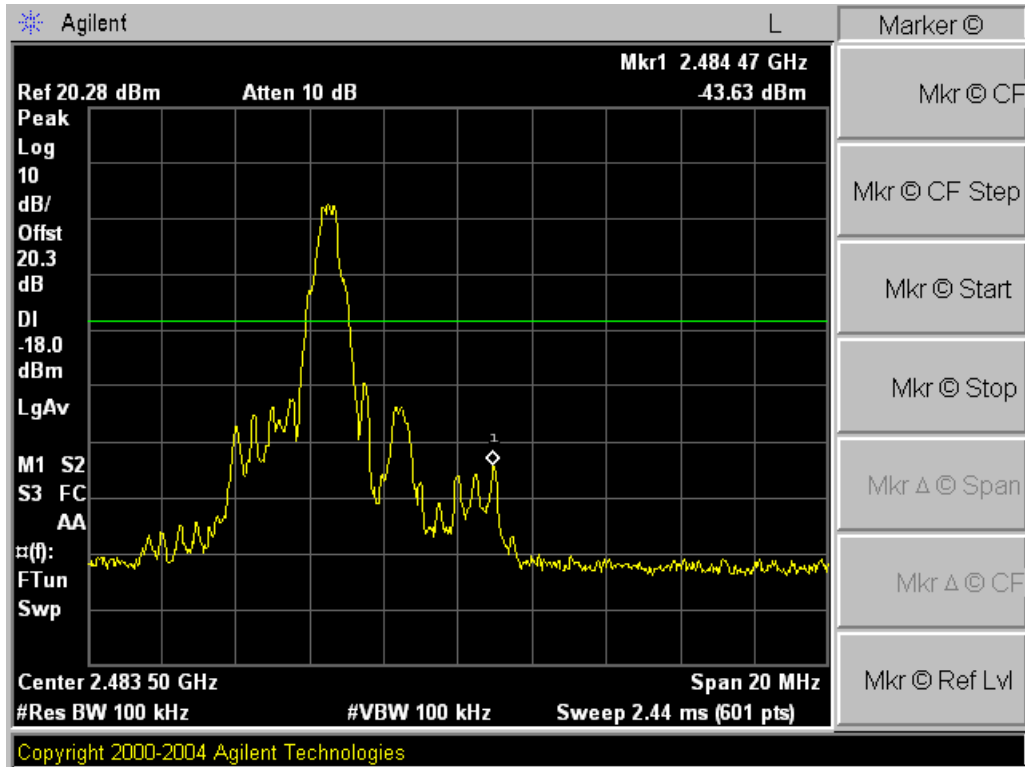
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Middle Channel



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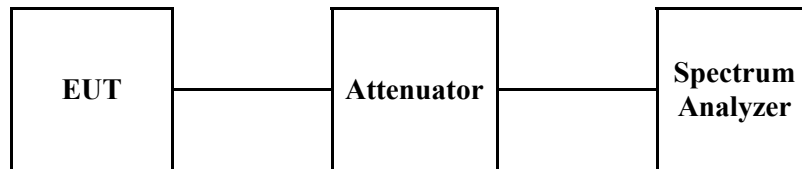
High Channel



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4. 20 dB Bandwidth Measurement

4.1. Test Setup



4.2. Limit

Limit: Not Applicable

4.3. Test Procedure

1. The 20dB band width was measured with a spectrum analyzer connected to RF antenna connector(conducted measurement) while EUT was operating in transmit mode at the appropriate center frequency. The analyzer center frequency was set to the EUT carrier frequency, using the analyzer. Display Line and Marker Delta functions, the 20dB band width of the emission was determined.
2. The bandwidth of the fundamental frequency was measured with the spectrum analyzer using RBW=10 kHz, VBW $\geq$ 10 kHz, Span=2 MHz.

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4.4. Test Results

Ambient temperature : 21 °C Relative humidity : 42 %

Channel	Channel Frequency (MHz)	20 dB Bandwidth (MHz)
Low	2402	1.02
Middle	2441	1.02
High	2480	1.02

Low Channel



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Middle Channel



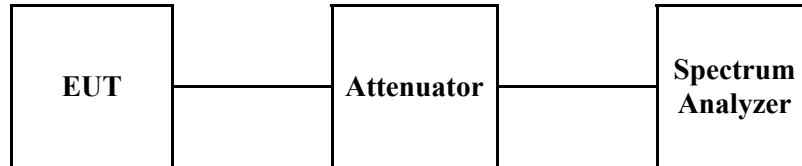
High Channel



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5. Maximum Peak Output Power Measurement

5.1. Test Setup



5.2. Limit

§15.247(b)(1) The Maximum Peak Output Power Measurement is 125mW for frequency hopping systems operating in 2400~2483.5 MHz employing at least 15 hopping channels.

5.3. Test Procedure

1. The RF power output was measured with a Spectrum analyzer connected to the RF Antenna connector (conducted measurement) while EUT was operating in transmit mode at the appropriate center frequency, A spectrum analyzer was used to record the shape of the transmit signal.
2. The bandwidth of the fundamental frequency was measured with the spectrum analyzer using ;
Span = approximately 5 times the 20 dB bandwidth, centered on a hopping channel
RBW = 1 MHz
VBW $\geq$ RBW
Sweep = auto
Detector function = peak
Trace = max hold

5.4. Test Results

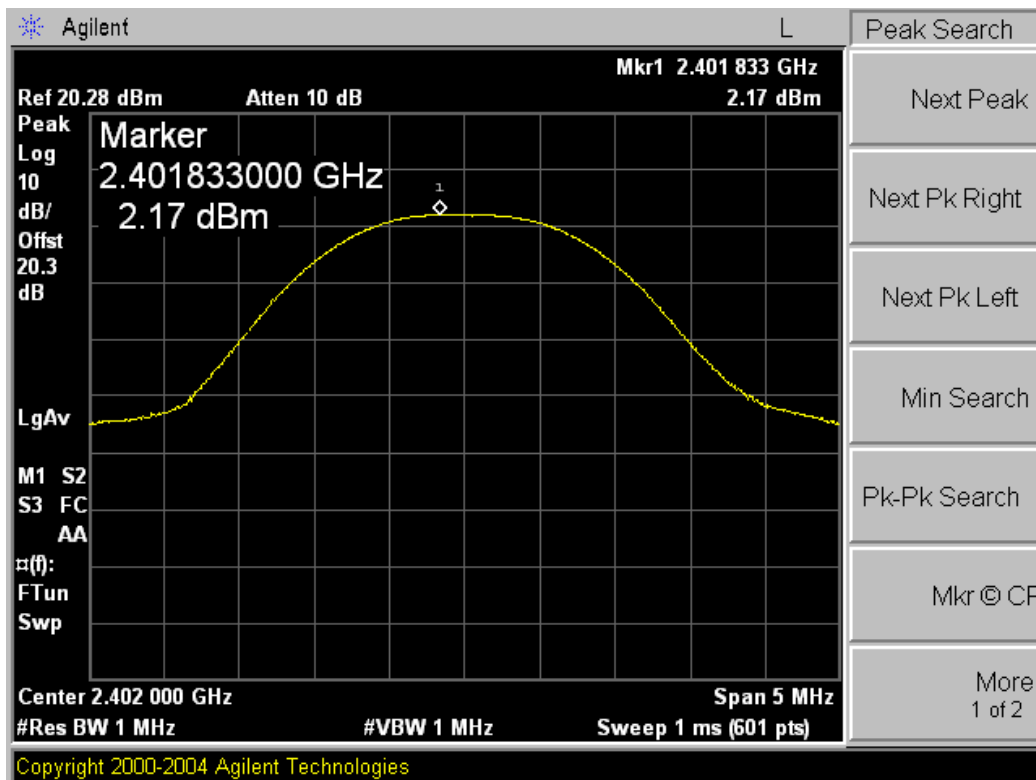
Ambient temperature : 21 °C Relative humidity : 42 %

Channel	Channel Frequency (MHz)	Peak Power Output (dBm)	Peak Power Limit (dBm)	Margin (dB)
Low	2402	2.17	20.97	18.80
Middle	2441	1.94	20.97	19.03
High	2480	2.69	20.97	18.28

NOTE:

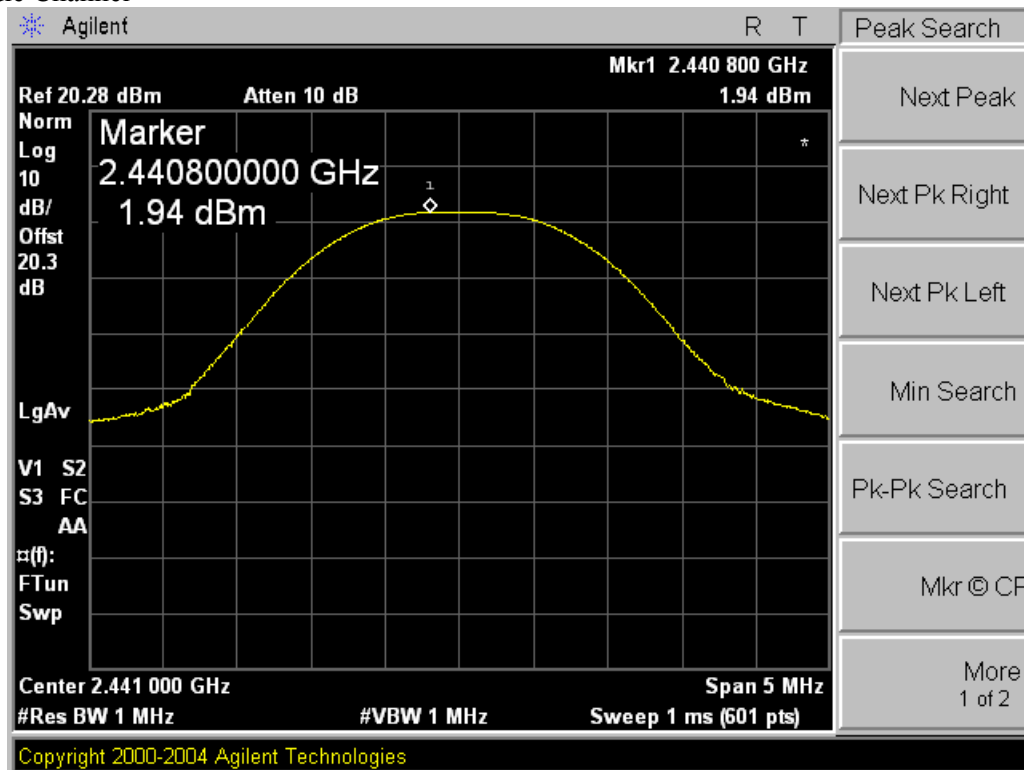
1. Cable loss = 0.28 dB, Attenuator = 20 dB.
2. The results are calculated as the following equation :
Peak Power Output = Peak Power Reading + Cable loss + Attenuator

Low Channel

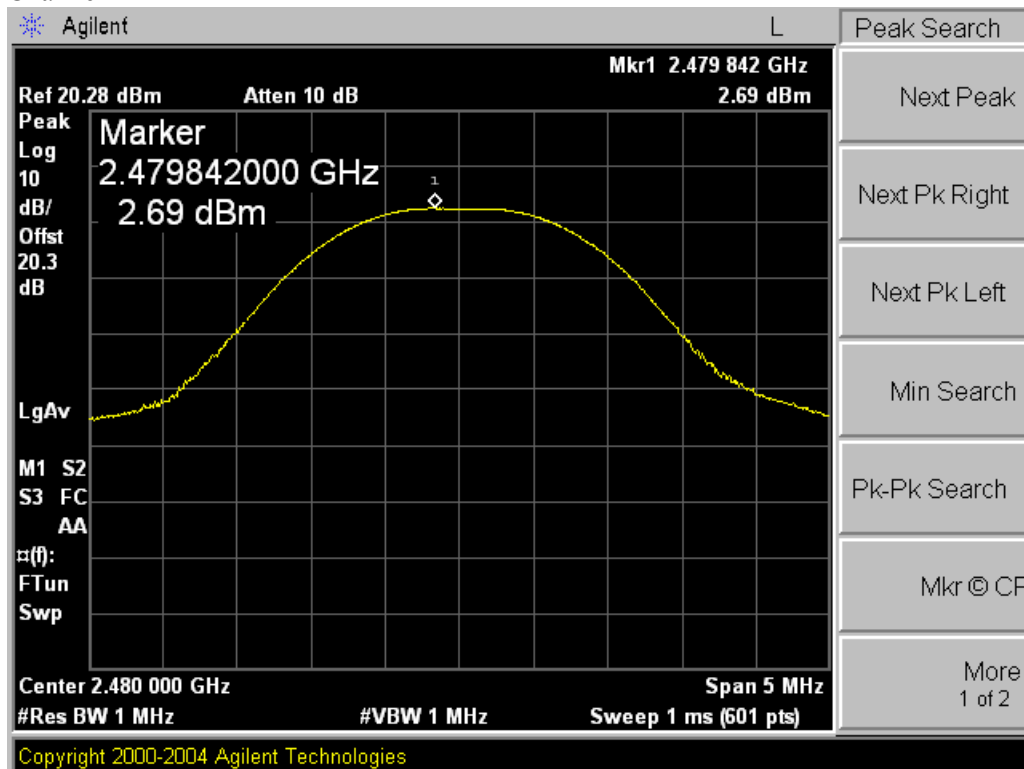


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Middle Channel



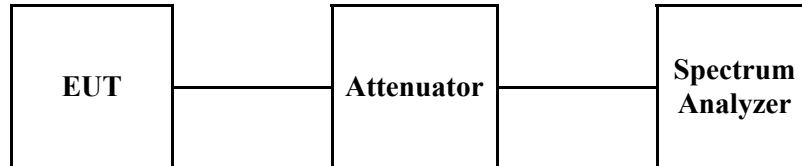
High Channel



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6. Hopping Channel Separation

6.1. Test Setup



6.2. Limit

§15.247(a)(1) Frequency hopping system operating in 2400-2483.5MHz. Band may have hopping channel carrier frequencies that are separated by 25kHz or two-third of 20dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125mW.

6.3. Test Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT as shown in test setup without connection to measurement instrument. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range.
3. By using the MaxHold function record the separation of adjacent channels.
4. Measure the frequency difference of these two adjacent channels by spectrum analyzer MARK function. And then plot the result on spectrum analyzer screen.
5. Repeat above procedures until all frequencies measured were complete.
6. Set center frequency of spectrum analyzer = middle of hopping channel.
7. Set the spectrum analyzer as RBW=100 kHz, VBW=100 kHz, Span=5 MHz and Sweep = auto.

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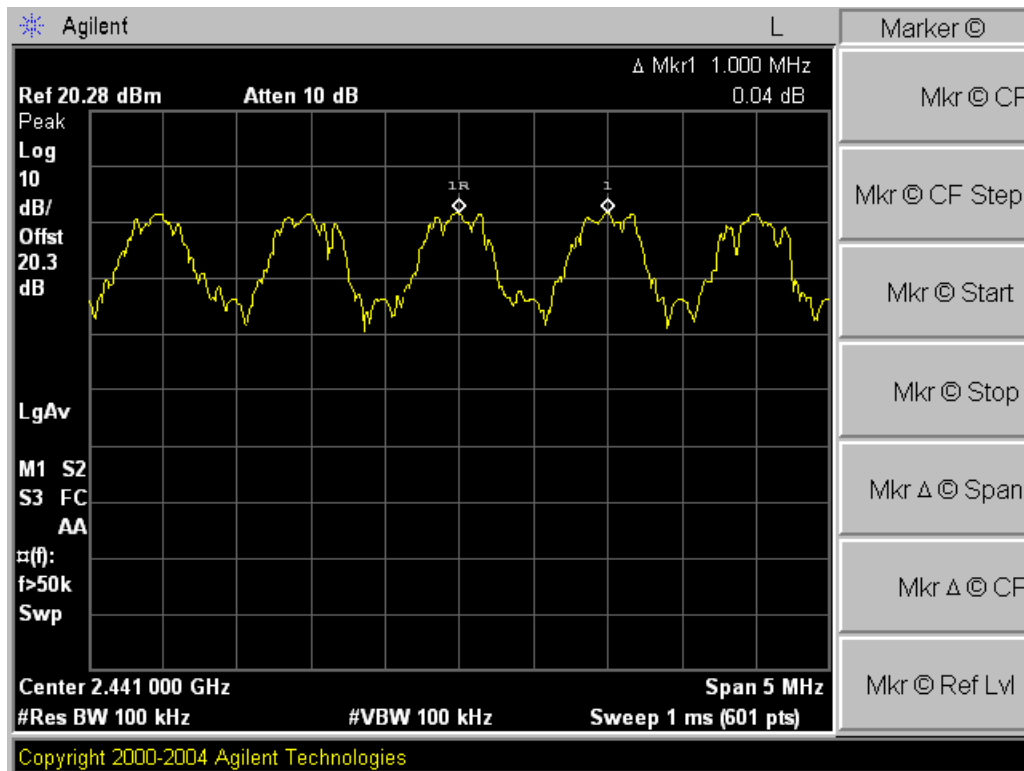
6.4. Test Results

Ambient temperature : 21 °C Relative humidity : 42 %

Channel (Middle)	Adjacent Hopping Channel Separation (kHz)	Two-third of 20 dB Bandwidth (kHz)	Minimum Bandwidth
2441 MHz	1000	0.68	25 kHz

Note ;

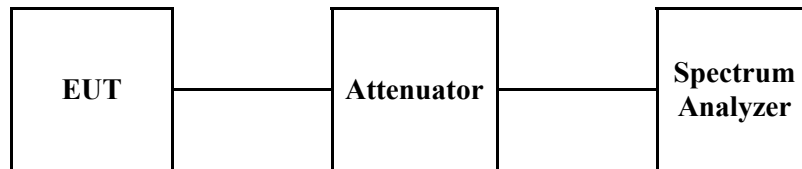
20 dB bandwidth measurement, the measured channel separation should be greater than two-third of 20dB bandwidth or Minimum bandwidth.



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7. Number of Hopping Frequency

7.1. Test Setup



7.2. Limit

§15.247(a)(1)(iii) For frequency hopping system operating in the 2400-2483.5MHz bands shall use at least 15 hopping frequencies.

7.3. Test Procedure

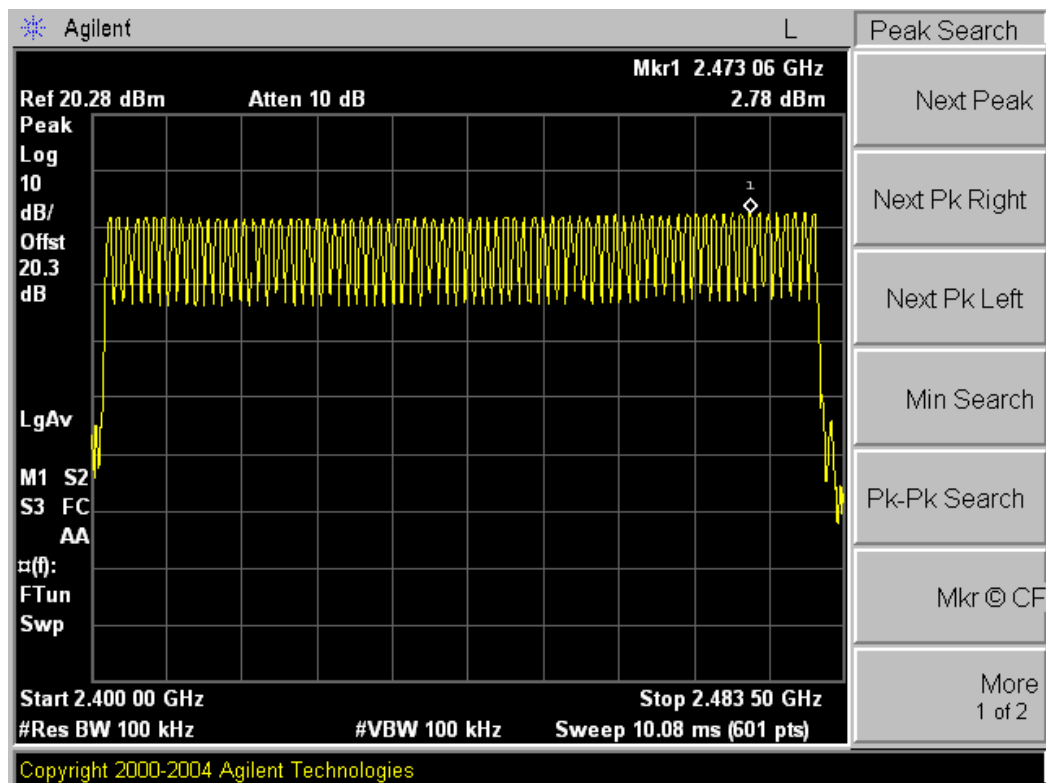
1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT as shown in test setup without connection to measurement instrument. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range.
3. By using the MaxHold function record the separation of adjacent channels.
4. Measure the frequency difference of these two adjacent channels by spectrum analyzer MARK function. And then plot the result on spectrum analyzer screen.
5. Repeat above procedures until all frequencies measured were complete.
6. Frequency Start : 2400 MHz, Stop Frequency : 2483.5 MHz.
7. Set the spectrum analyzer as RBW=100 kHz, VBW=100 kHz, Sweep = auto.

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7.4. Test Results

Ambient temperature : 21 °C Relative humidity : 42 %

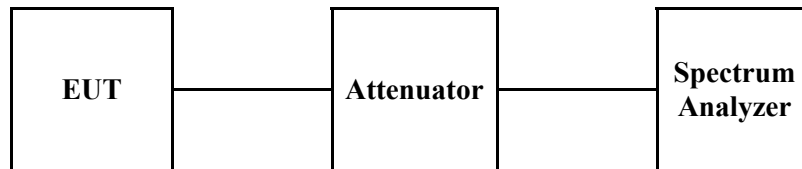
Number of Hopping Frequency	Limit	Remark
79	≥ 15	Refer to the attached plot.



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8. TIME OF OCCUPANCY (DWELL TIME)

8.1. Test Set up



8.2. Limit

§15.247(a)(1)(iii) For frequency hopping system operating in the 2400-2483.5MHz band, the average time of occupancy on any frequency shall not be greater than 0.4 second within a 31.6 second period.

A period time=0.4(s)*79=31.6(s)

8.3. Test Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT as shown in test setup without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable.
3. Adjust the center frequency of spectrum analyzer on any frequency be measured and set spectrum analyzer to zero span mode. And then, set RBW and VBW of spectrum analyzer to proper value.
4. Measure the time duration of one transmission on the measured frequency. And then plot the result with time difference of this time duration.
5. Repeat above procedures until all frequencies measured were complete.
6. The Bluetooth has 3 type of payload, DH1, DH3, DH5. The hopping rate is 1600 per second.

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8.4. Test Results

Ambient temperature : 21 °C Relative humidity : 42 %

Time of occupancy on the TX channel in 31.6sec

= time domain slot length × (hop rate ÷ number of hop per channel) × 31.6

8.4.1. Packet Type: DH1

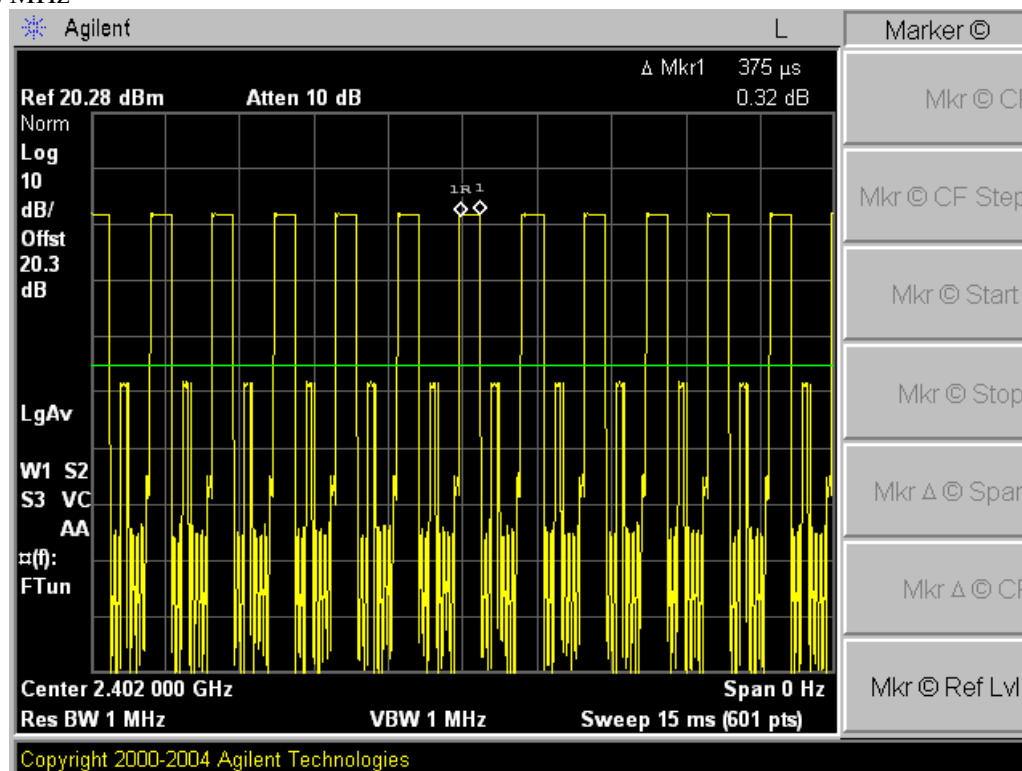
Frequency	Dwell Time (ms)	Time of occupancy on the Tx Channel in 31.6 sec (ms)	Limit for time of occupancy on the Tx Channel in 31.6 sec (ms)
2402 MHz	0.375	120	400
2441 MHz	0.375	120	400
2480 MHz	0.400	128	400

2402 MHz: $0.375 \text{ (ms)} \times [(1600 \div 2) \div 79] \times 31.6 \text{ (s)} = 120 \text{ (ms)}$

2441 MHz: $0.375 \text{ (ms)} \times [(1600 \div 2) \div 79] \times 31.6 \text{ (s)} = 120 \text{ (ms)}$

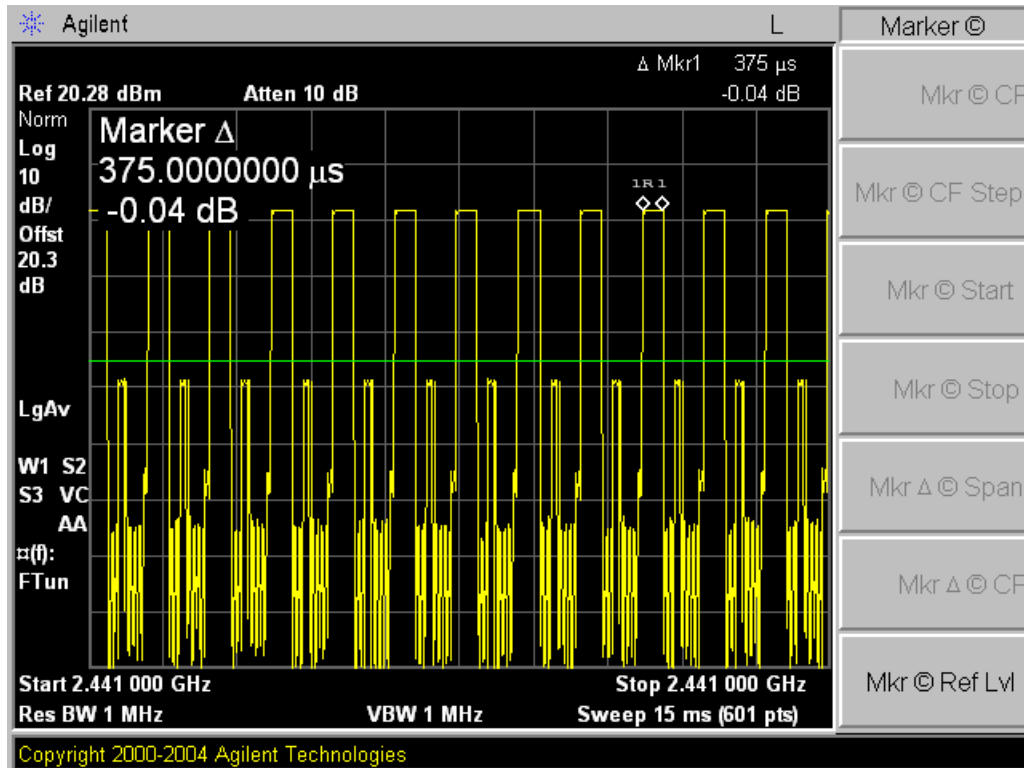
2480 MHz: $0.400 \text{ (ms)} \times [(1600 \div 2) \div 79] \times 31.6 \text{ (s)} = 128 \text{ (ms)}$

2402 MHz

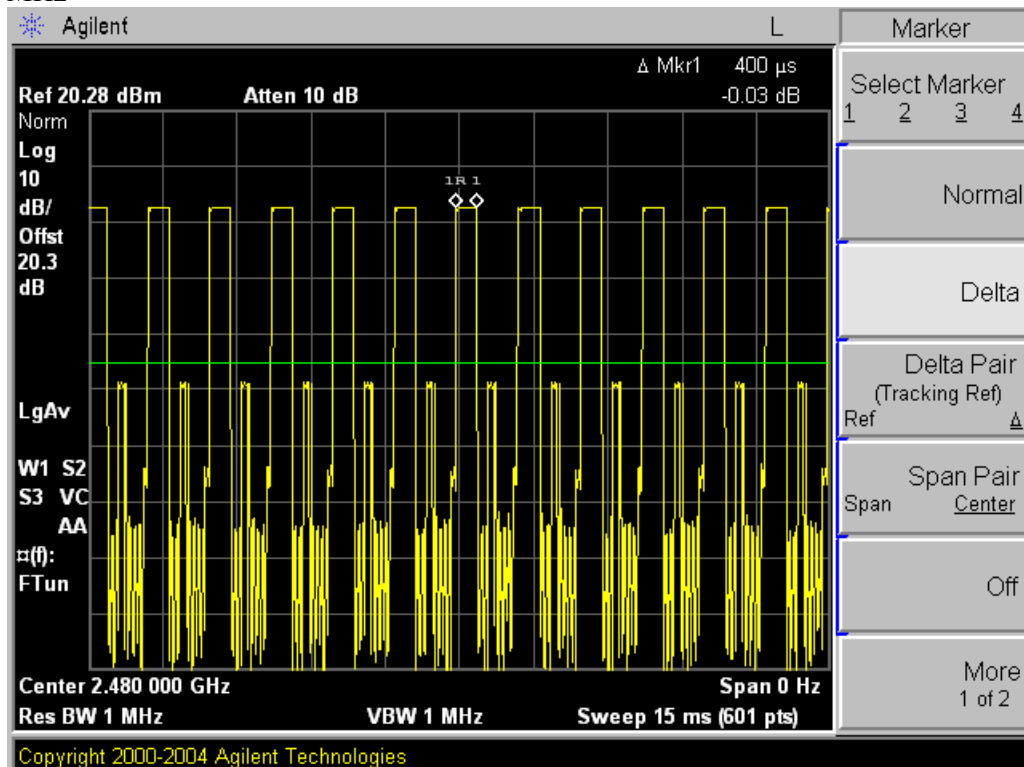


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2441 MHz



2480 MHz



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8.4.2. Packet Type: DH3

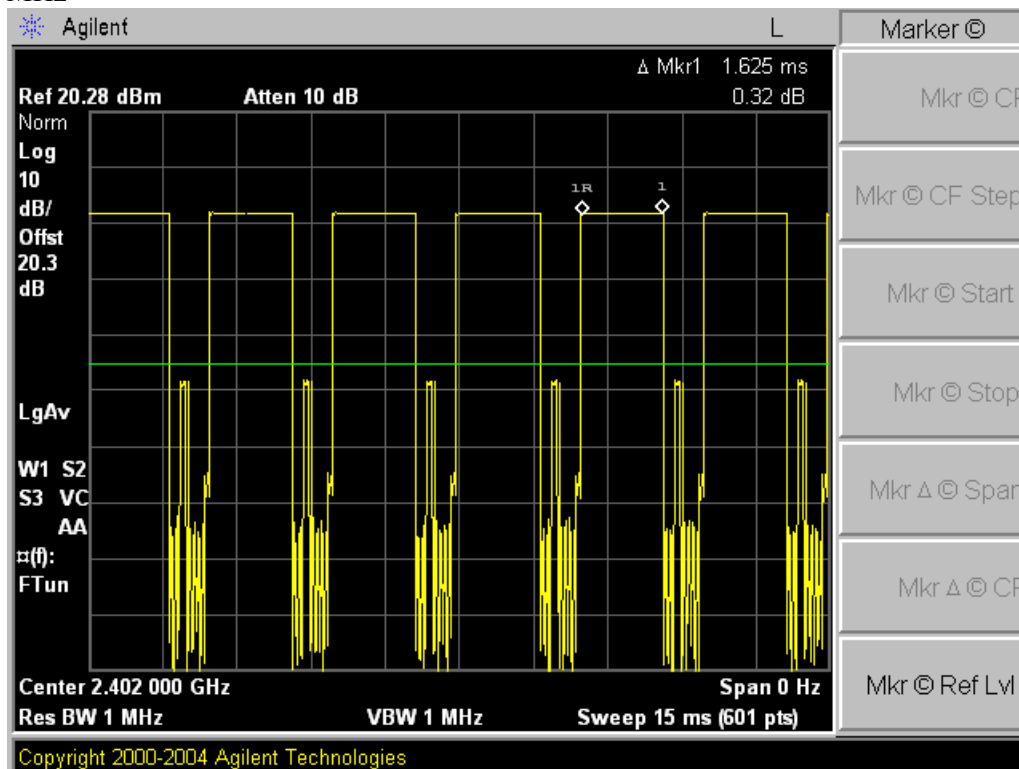
Frequency	Dwell Time (ms)	Time of occupancy on the Tx Channel in 31.6 sec (ms)	Limit for time of occupancy on the Tx Channel in 31.6 sec (ms)
2402 MHz	1.625	260	400
2441 MHz	1.650	264	400
2480 MHz	1.625	260	400

2402 MHz: $1.625 \text{ (ms)} \times [(1600 \div 4) \div 79] \times 31.6 \text{ (s)} = 260 \text{ (ms)}$

2441 MHz: $1.650 \text{ (ms)} \times [(1600 \div 4) \div 79] \times 31.6 \text{ (s)} = 264 \text{ (ms)}$

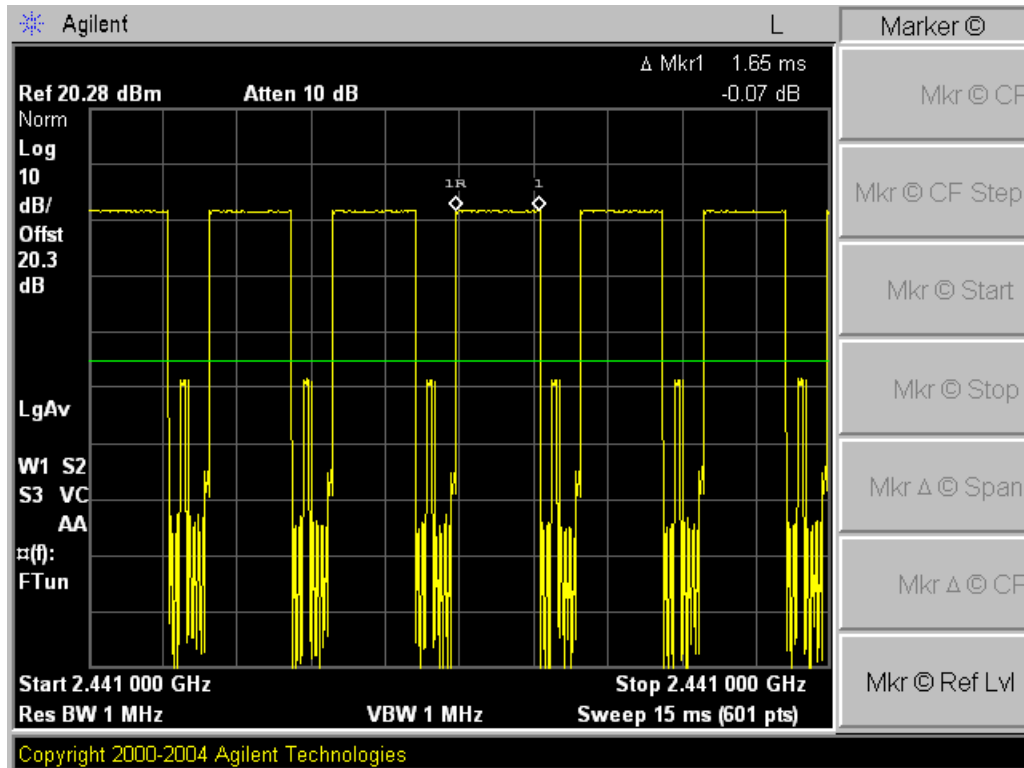
2480 MHz: $1.625 \text{ (ms)} \times [(1600 \div 4) \div 79] \times 31.6 \text{ (s)} = 260 \text{ (ms)}$

2402 MHz

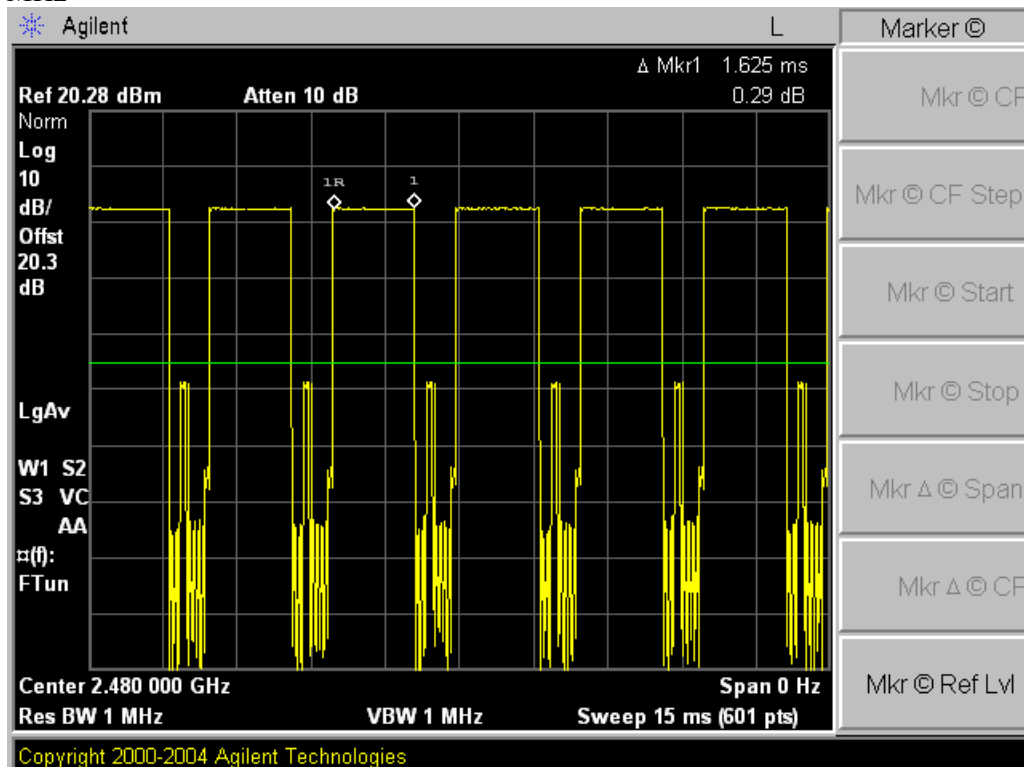


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2441 MHz



2480 MHz



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8.4.3. Packet Type: DH5

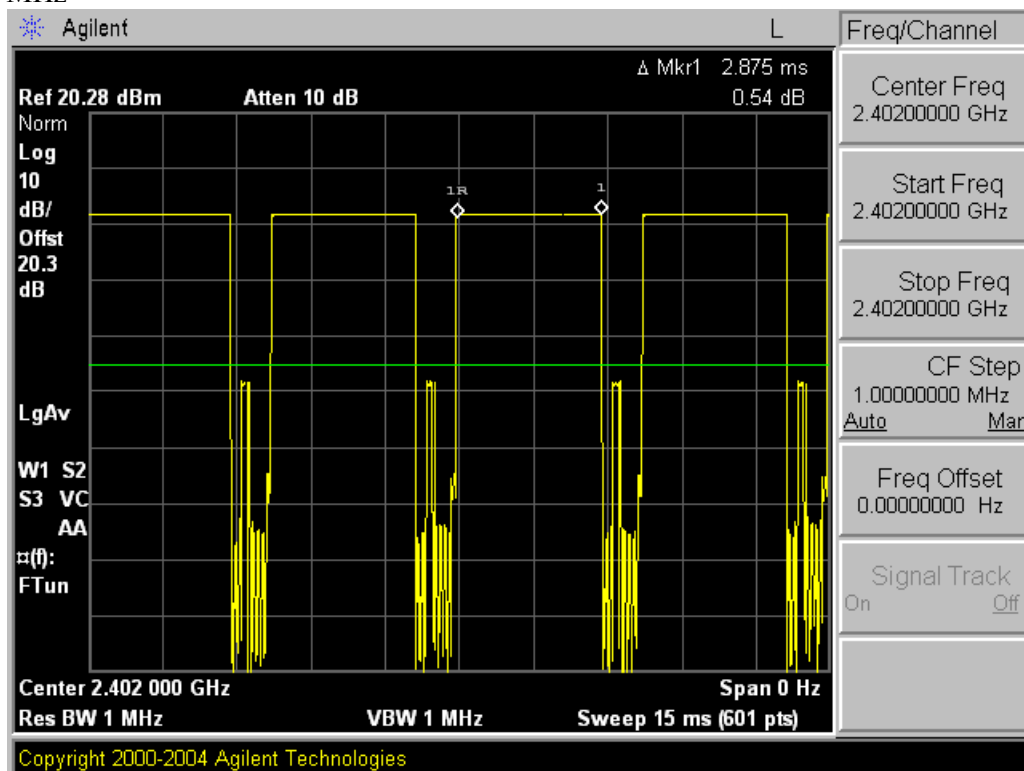
Frequency	Dwell Time (ms)	Time of occupancy on the Tx Channel in 31.6 sec (ms)	Limit for time of occupancy on the Tx Channel in 31.6 sec (ms)
2402 MHz	2.875	306.667	400
2441 MHz	2.875	306.667	400
2480 MHz	2.900	309.333	400

2402 MHz: $2.875 \text{ (ms)} \times [(1600 \div 6) \div 79] \times 31.6 \text{ (s)} = 306.667 \text{ (ms)}$

2441 MHz: $2.875 \text{ (ms)} \times [(1600 \div 6) \div 79] \times 31.6 \text{ (s)} = 306.667 \text{ (ms)}$

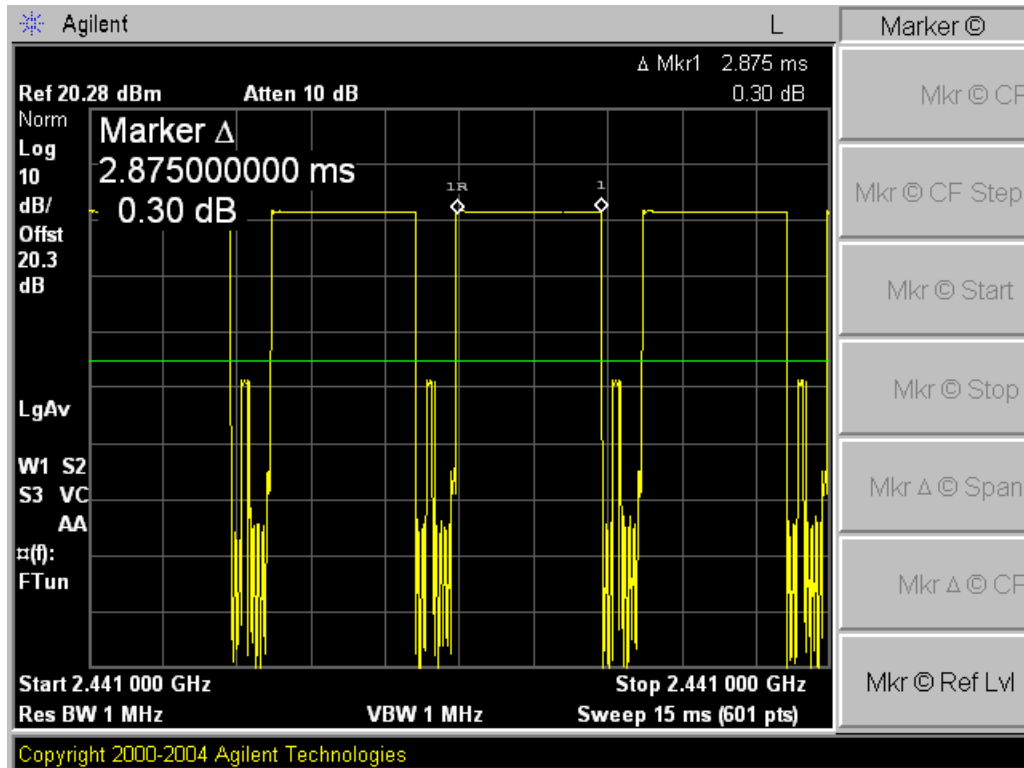
2480 MHz: $2.900 \text{ (ms)} \times [(1600 \div 6) \div 79] \times 31.6 \text{ (s)} = 309.333 \text{ (ms)}$

2402 MHz

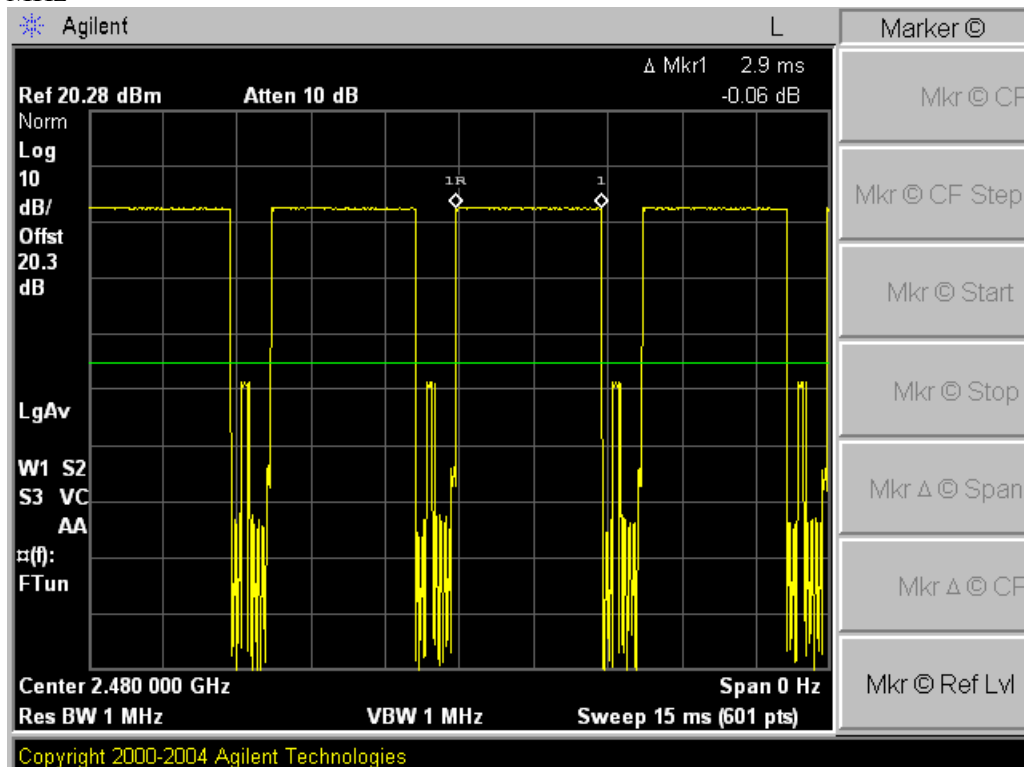


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2441 MHz



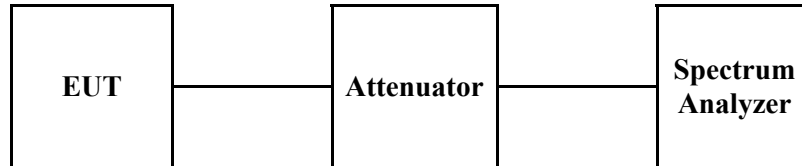
2480 MHz



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9. POWER SPECTRAL DENSITY MEASUREMENT

9.1. Test Setup



9.2. Limit

§15.247(e) For digitally modulated system, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band 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.

9.3. Test Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT as shown in test setup without connection to measurement instrument. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range.
3. By using the MaxHold function record the separation of adjacent channels.
4. Repeat above procedures until all frequencies measured were complete.
5. The bandwidth of the fundamental frequency was measured with the spectrum analyzer using ; RBW=3 kHz, VBW=10 kHz, Span=300 kHz and Sweep=100 s.

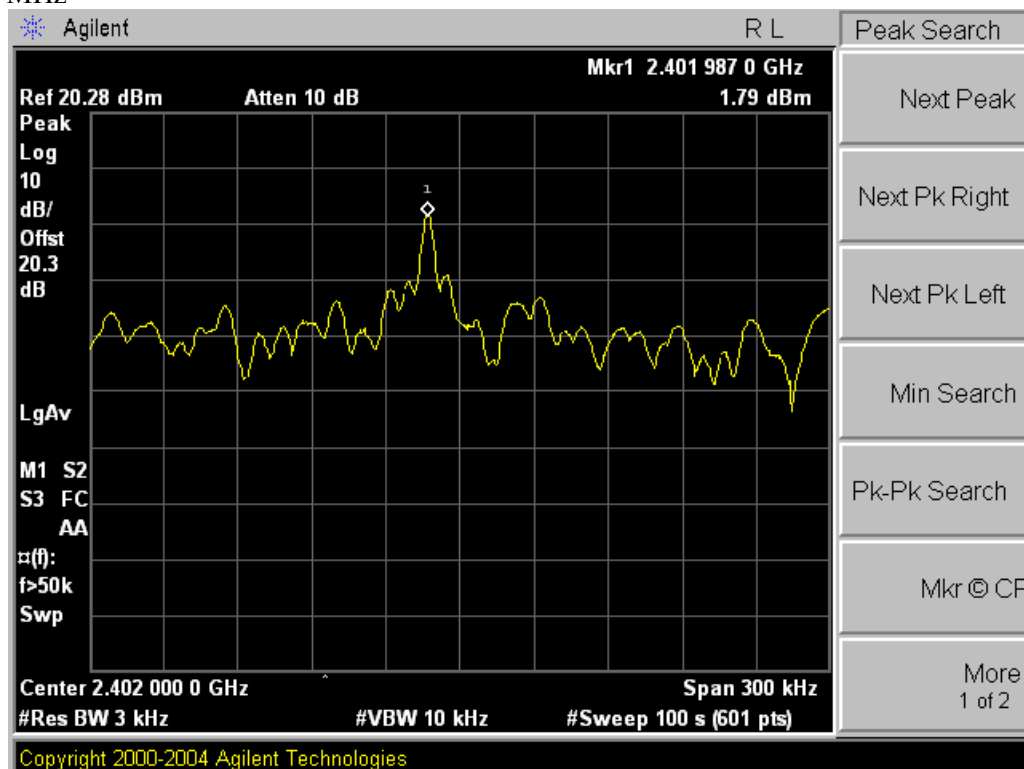
The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report cannot be reproduced, except in full, without prior written permission of the Company.

9.4. Test Results

Ambient temperature : 21 °C Relative humidity : 42 %

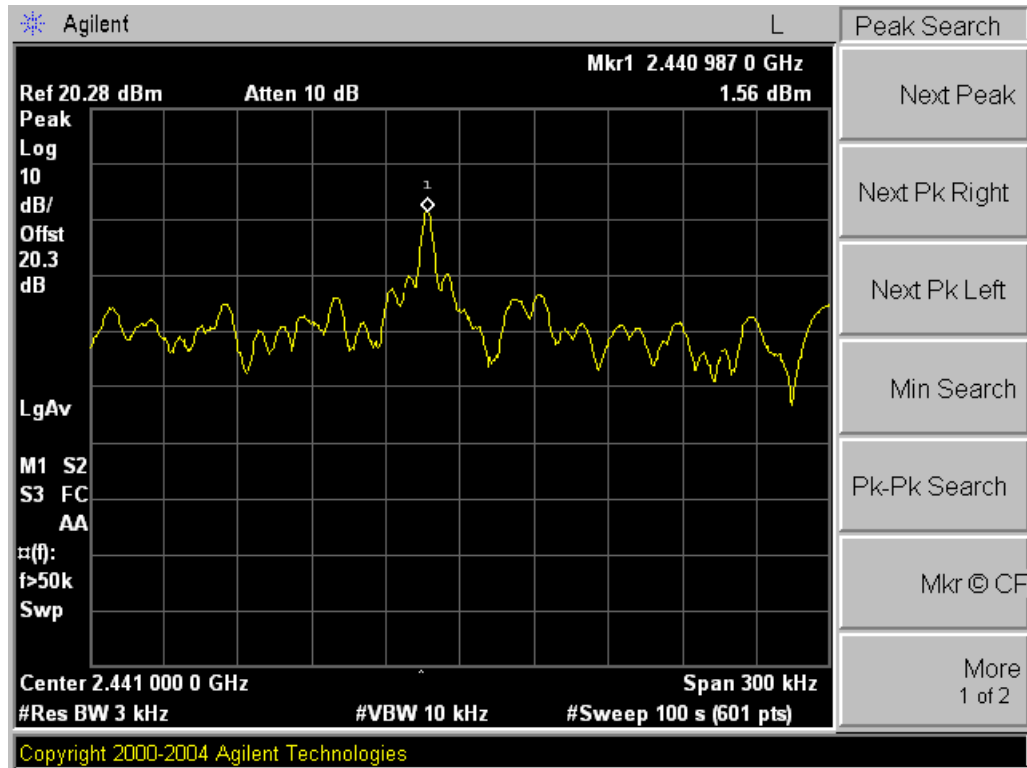
Frequency	Final RF Power Level in 3 kHz BW (dBm)	Maximum Limit (dBm)	Margin (dB)
2402 MHz	1.79	8	6.21
2441 MHz	1.56	8	6.44
2480 MHz	2.44	8	5.56

2402 MHz

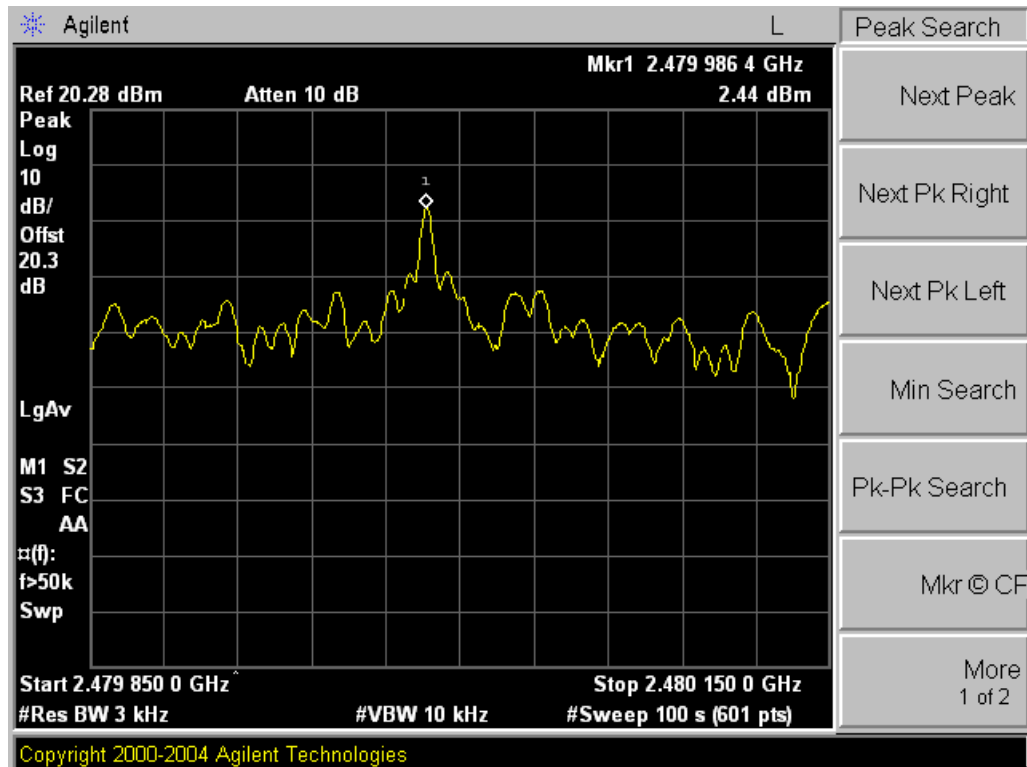


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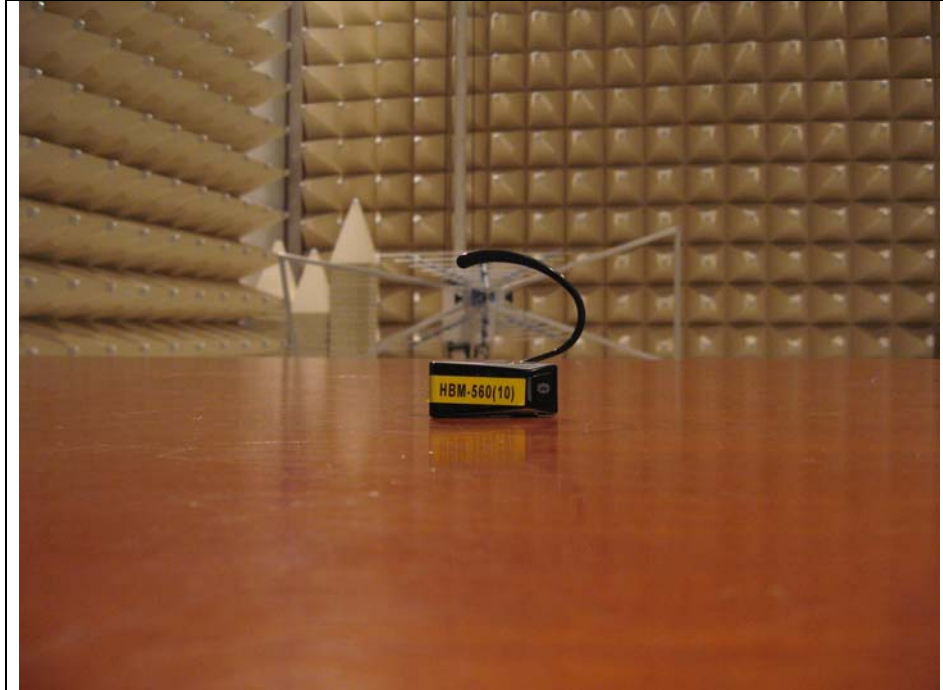
2441 MHz



2480 MHz



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Appendix A-1. Photo of Field Strength & Spurious Emission Test

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