



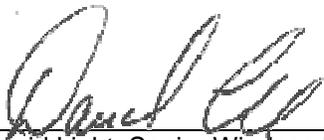
Nemko Test Report: 9299RUS1rev3

Applicant: Uniden America
4700 Amon Carter Blvd.
Fort Worth, TX 76155
USA

**Equipment Under Test:
(E.U.T.)** TRAX438
(FCC ID: AMWUS207)

In Accordance With: **FCC Part 15, Subpart C, 15.247**
Frequency Hopping Transmitters

Tested By: Nemko USA Inc.
802 N. Kealy
Lewisville, Texas 75057-3136

TESTED BY: 
David Light, Senior Wireless Engineer **DATE:** 14 December 2007

APPROVED BY: 
Tom Tidwell, Telecom Direct **DATE:** 26 December 2007

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Section 1. Summary of Test Results

Manufacturer: Uniden America

Model No.: TRAX438

Serial No.: None

General: **All measurements are traceable to national standards.**

These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15, Subpart C, Paragraph 15.247 for Frequency Hopping Spread Spectrum devices. Radiated tests were conducted in accordance with ANSI C63.4-2003. Radiated emissions are made on an open area test site. A description of the test facility is on file with the FCC.

- | | | | |
|-------------------------------------|----------------------------|-------------------------------------|---------------------|
| <input checked="" type="checkbox"/> | New Submission | <input type="checkbox"/> | Production Unit |
| <input type="checkbox"/> | Class II Permissive Change | <input checked="" type="checkbox"/> | Pre-Production Unit |

THIS TEST REPORT RELATES ONLY TO THE ITEM(S) TESTED.

THE FOLLOWING DEVIATIONS FROM, ADDITIONS TO, OR EXCLUSIONS FROM THE TEST SPECIFICATIONS HAVE BEEN MADE.

See " Summary of Test Data".



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Summary Of Test Data

NAME OF TEST	PARA. NO.	RESULT
Powerline Conducted Emissions	15.207(a)	Complies
Channel Separation	15.247(a)(1)	Complies
Time of Occupancy	15.247(a)(1)	Complies
20 dB Occupied Bandwidth	15.247(a)(1)	Complies
Peak Power Output	15.247(b)	Complies
Spurious Emissions	15.247(d)	Complies

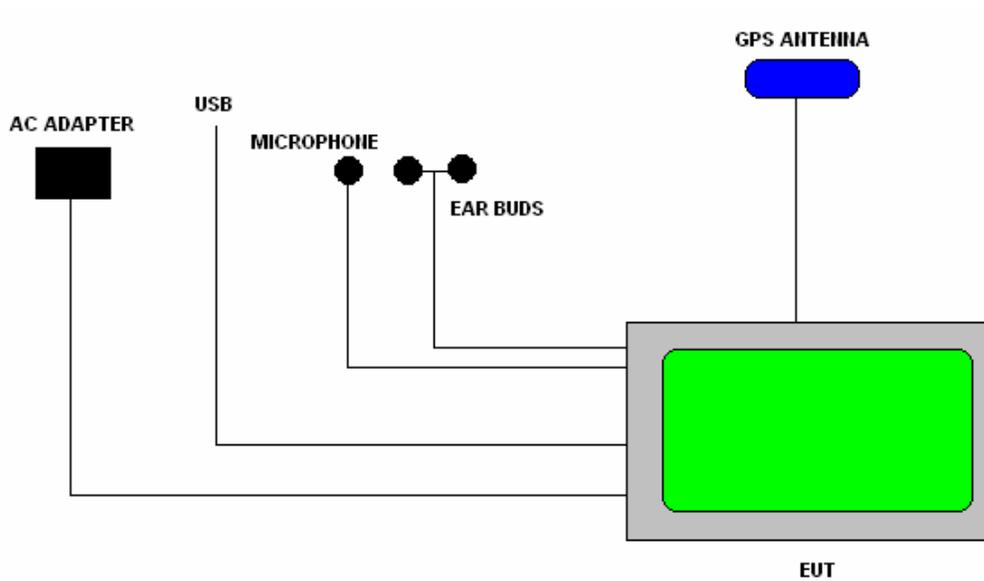
Footnotes:

All tests were performed radiated. The EUT has an integral antenna.

Description of EUT

Bluetooth device embedded in a GPS navigation device.

System Diagram



Section 3. Powerline Conducted Emissions

NAME OF TEST: Powerline Conducted Emissions	PARA. NO.: 15.207(a)
TESTED BY: David Light	DATE: 13 December 2007

Test Results: Complies. The worst case emission was 42.87 dB μ V at 663.2 kHz. This is 3.13 dB below the average specification limit of 46 dB μ V.

Test Data: Refer to attached plots

Equipment Used: 1036-674-1120-1188

Measurement Uncertainty: +/- 1.7 dB

Temperature: 21 °C

Relative Humidity: 33 %

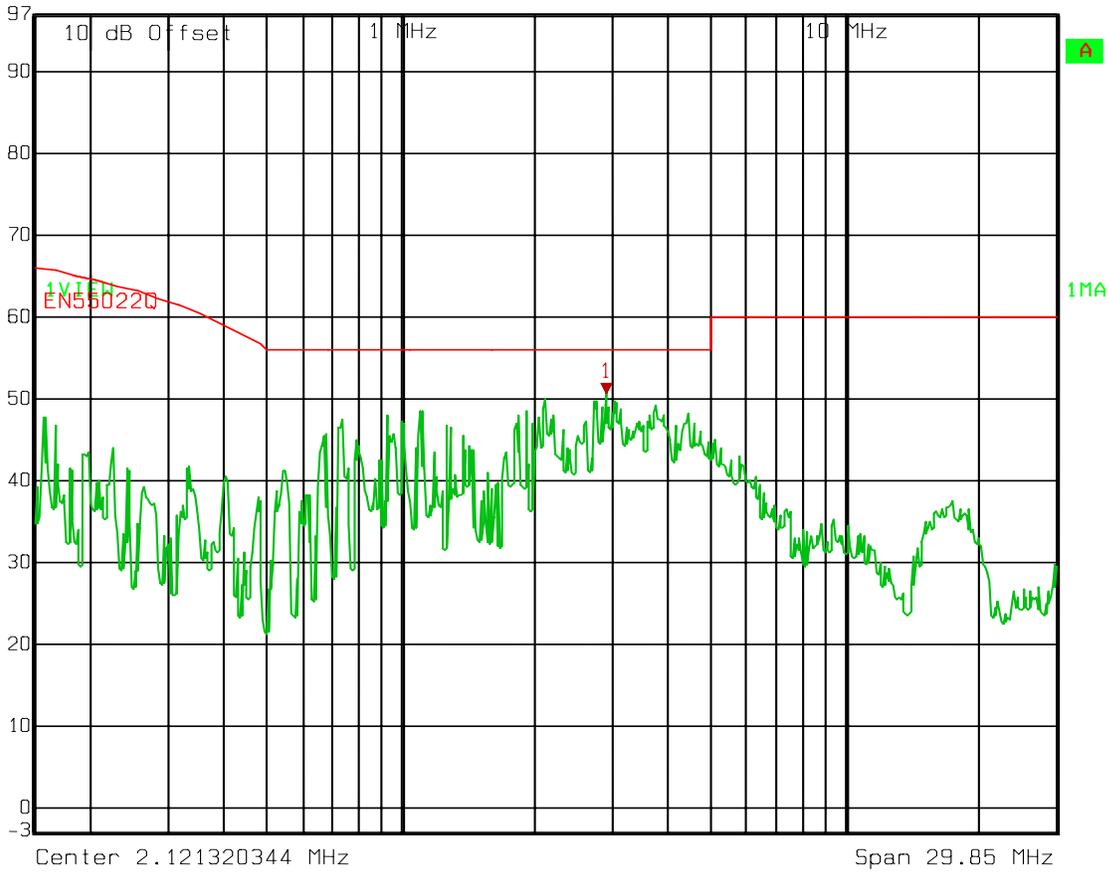
Test Data – Powerline Conducted Emissions

L1

Peak



Marker 1 [T1] RBW 10 kHz RF Att 10 dB
Ref Lvl 50.52 dB μ V VBW 10 kHz
97 dB μ V 2.90161035 MHz SWT 760 ms Unit dB μ V



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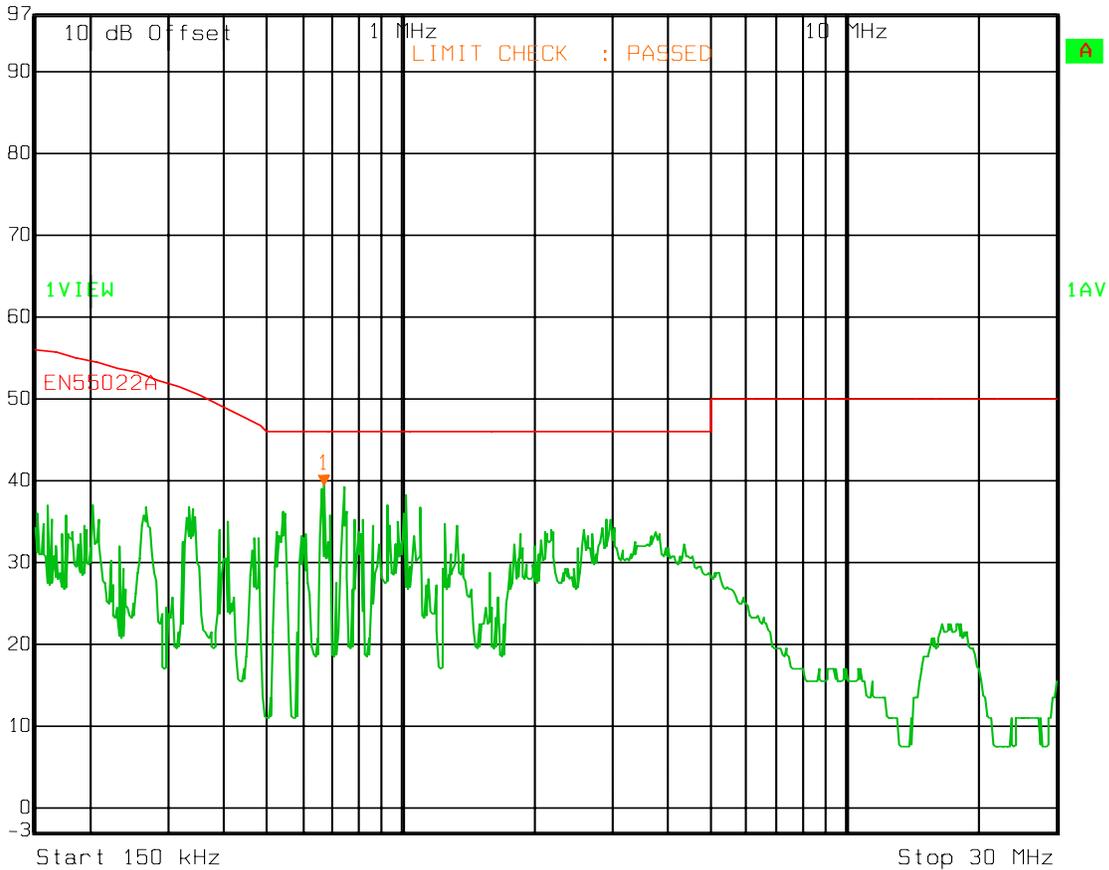
Test Data – Powerline Conducted Emissions

L1

Average



Ref Lvl 97 dB μ V
Marker 1 [T1] 39.28 dB μ V
670.31987977 kHz
RBW 10 kHz
RF Att 10 dB
VBW 1 kHz
SWT 7.6 s
Unit dB μ V



Date: 13.DEC.2007 16:06:55

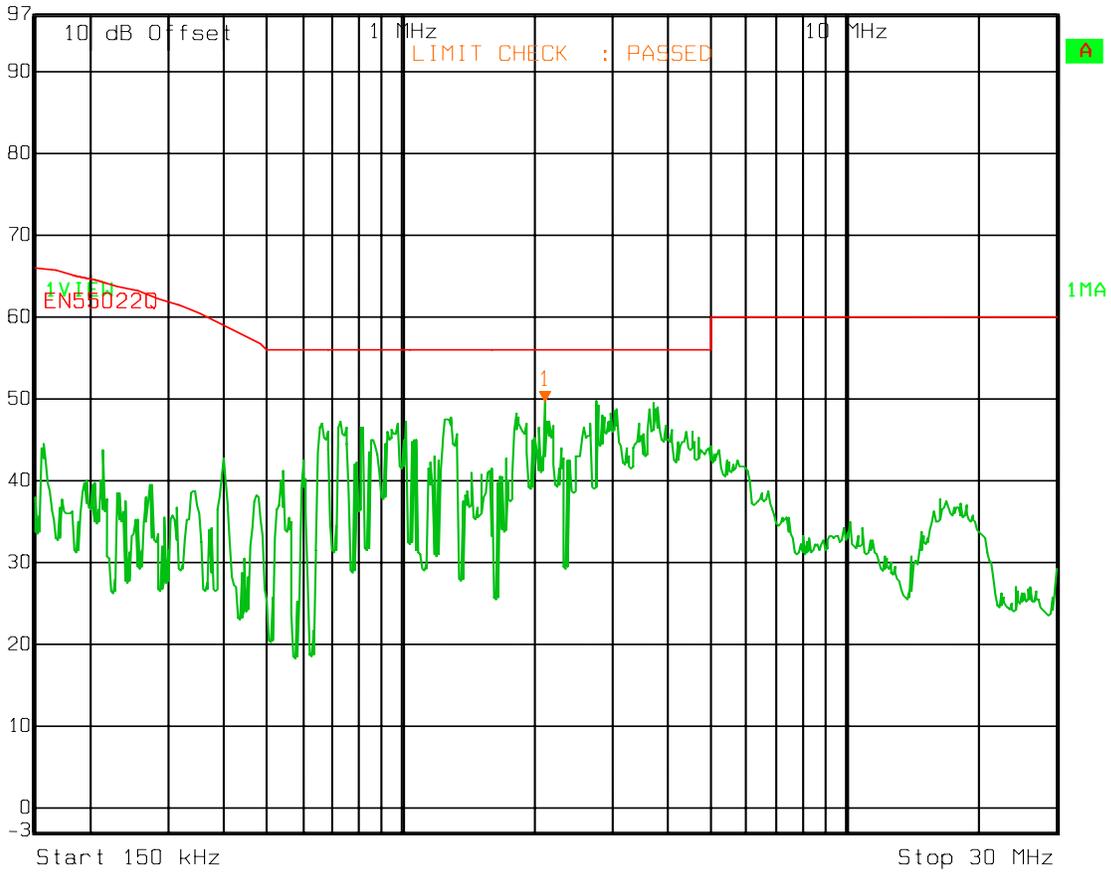
Test Data – Powerline Conducted Emissions

L2

Peak



Marker 1 [T1] RBW 10 kHz RF Att 10 dB
Ref Lvl 49.55 dB μ V VBW 10 kHz
97 dB μ V 2.11008823 MHz SWT 760 ms Unit dB μ V



Date: 13.DEC.2007 16:02:36

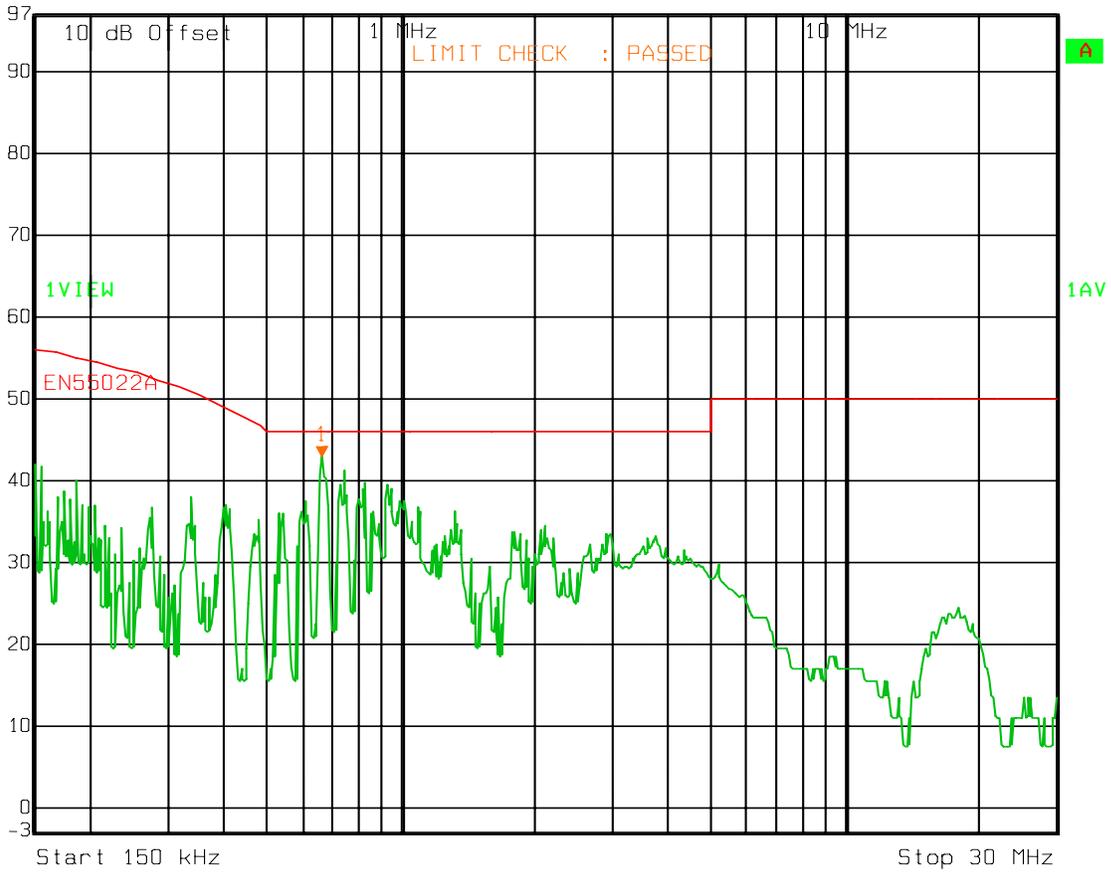
Test Data – Powerline Conducted Emissions

L2

Average



Ref Lvl 97 dB μ V
Marker 1 [T1] 663.24016238 kHz 42.87 dB μ V
RBW 10 kHz RF Att 10 dB
VBW 1 kHz
SWT 7.6 s Unit dB μ V



Date: 13.DEC.2007 16:05:38

Test Setup Photos – Powerline Conducted Emissions



Section 4. Channel Separation

NAME OF TEST: Channel Separation	PARA. NO.: 15.247(a)(1)
TESTED BY: David Light	DATE: 13 December 2007

Test Results: Complies.

Measurement Data: See 20 dB BW plot

Measured 20 dB bandwidth: 962 kHz max
Channel Separation: 1 MHz

Equipment Used: 1036-1082-802

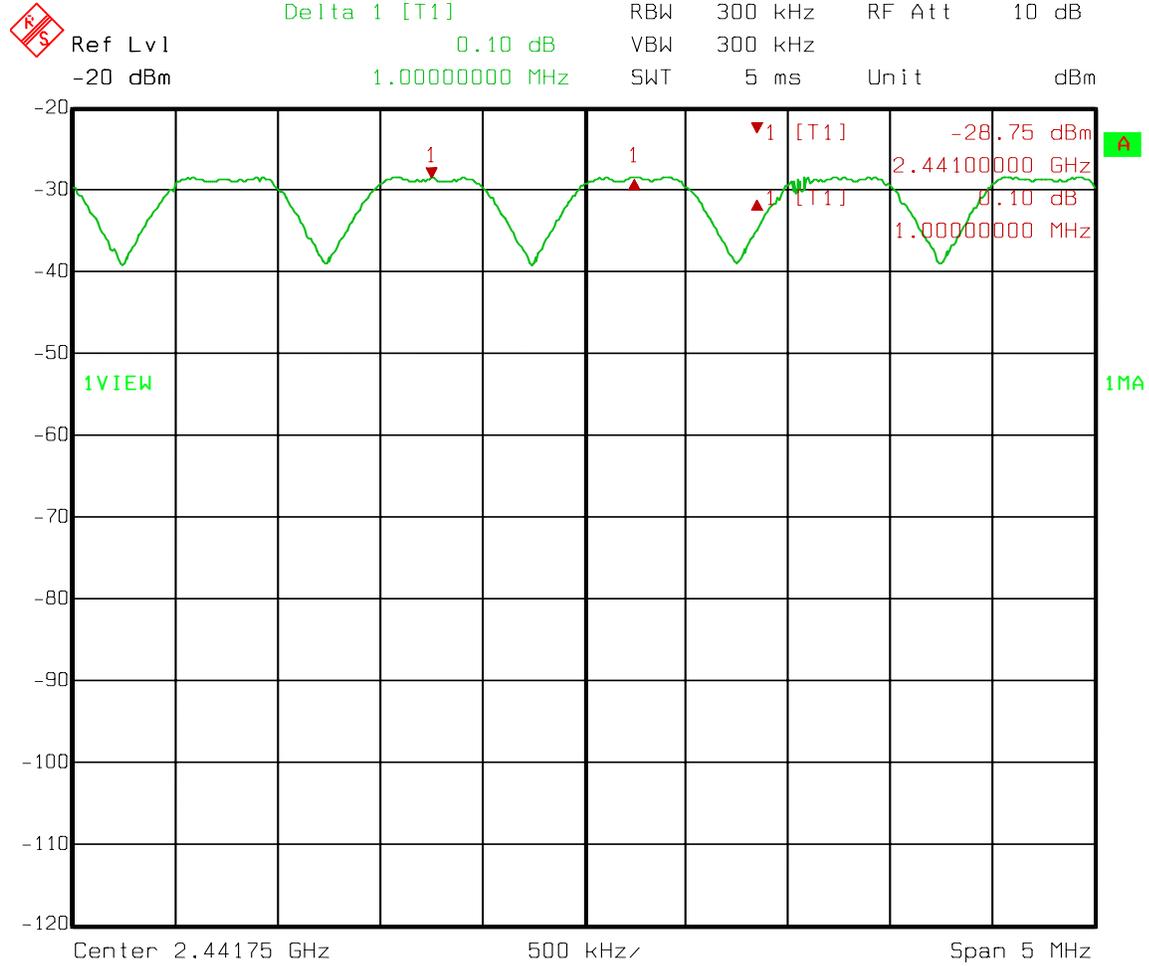
Measurement Uncertainty: 1×10^{-7} ppm

Temperature: 21 °C

Relative Humidity: 33 %

Test Data – Channel Separation

1 MHz Channel Separation

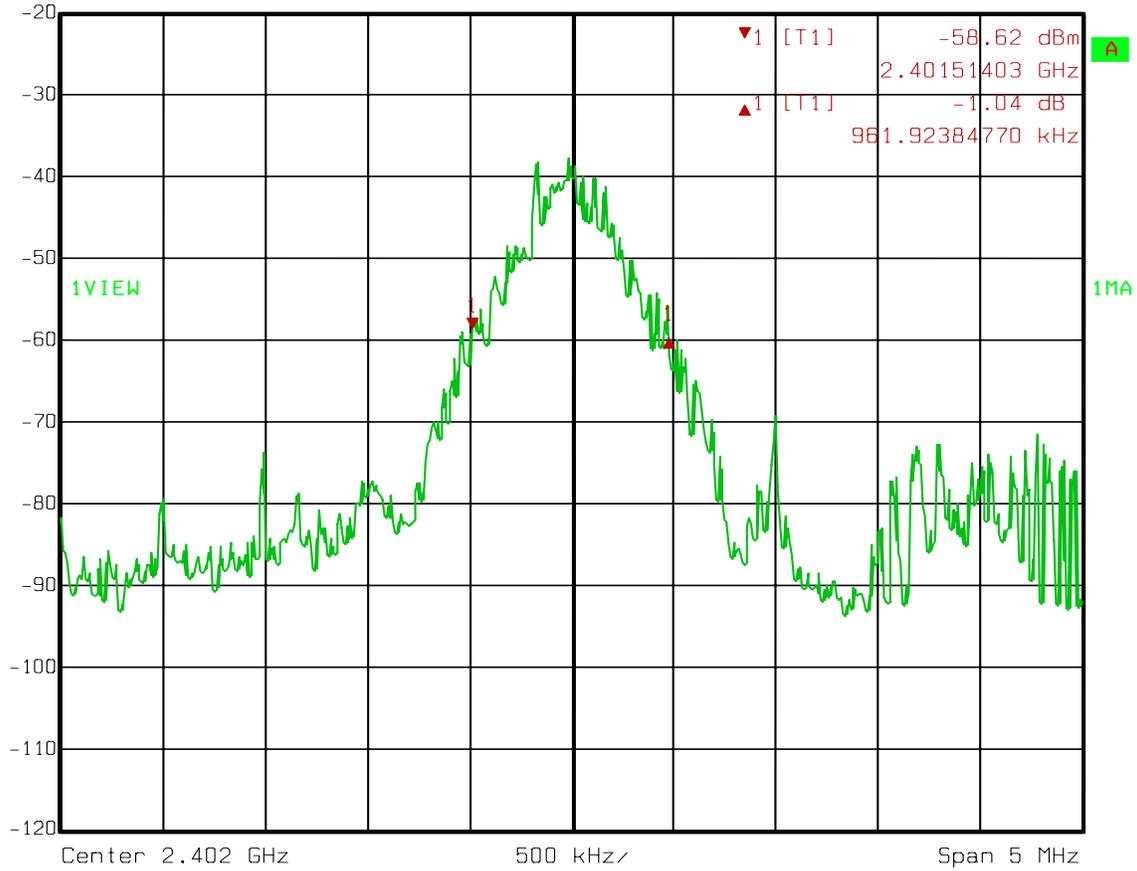


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Test Data – 20 dB Bandwidth

Low Channel

 Ref Lvl -20 dBm Delta 1 [T1] -1.04 dB RBW 10 kHz RF Att 10 dB
961.92384770 kHz VBW 10 kHz Unit dBm
SWT 125 ms

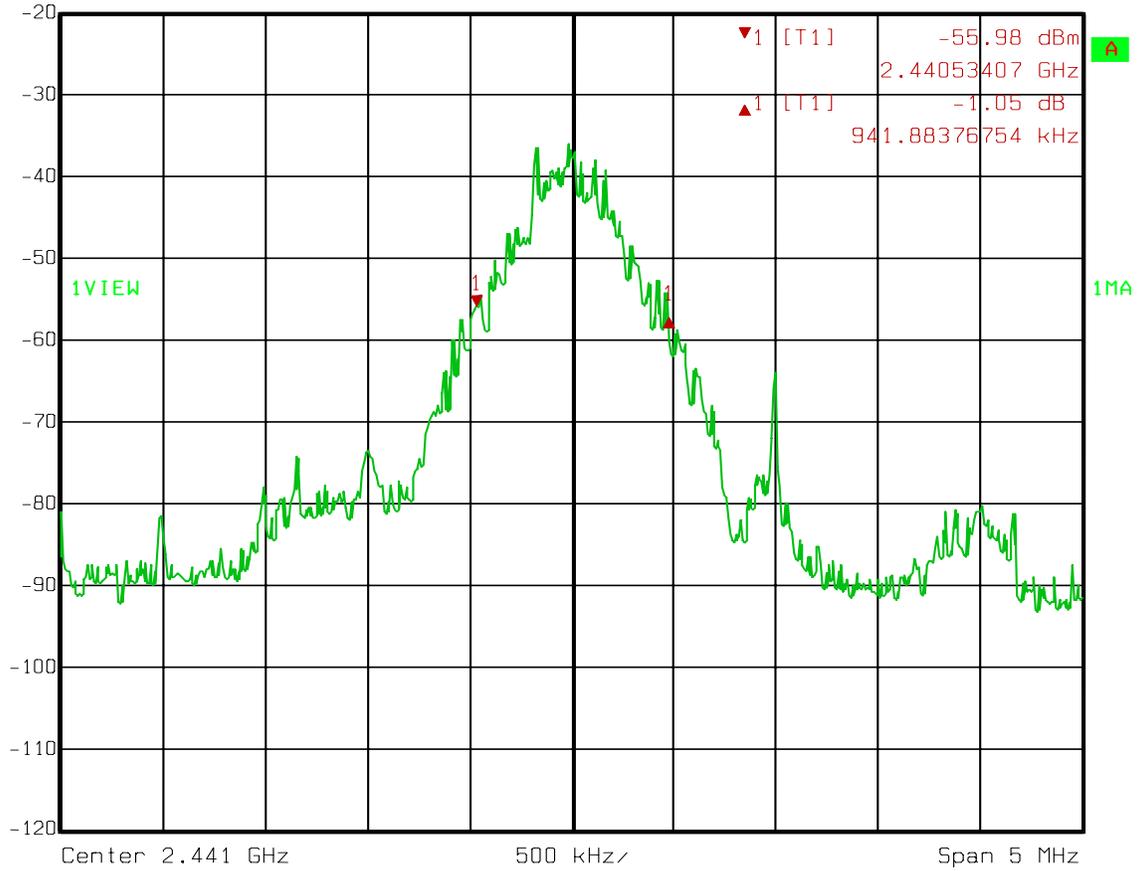


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Test Data – 20 dB Bandwidth

Mid Channel

 Delta 1 [T1] RBW 10 kHz RF Att 10 dB
Ref Lvl -20 dBm -1.05 dB VBW 10 kHz
941.88376754 kHz SWT 125 ms Unit dBm



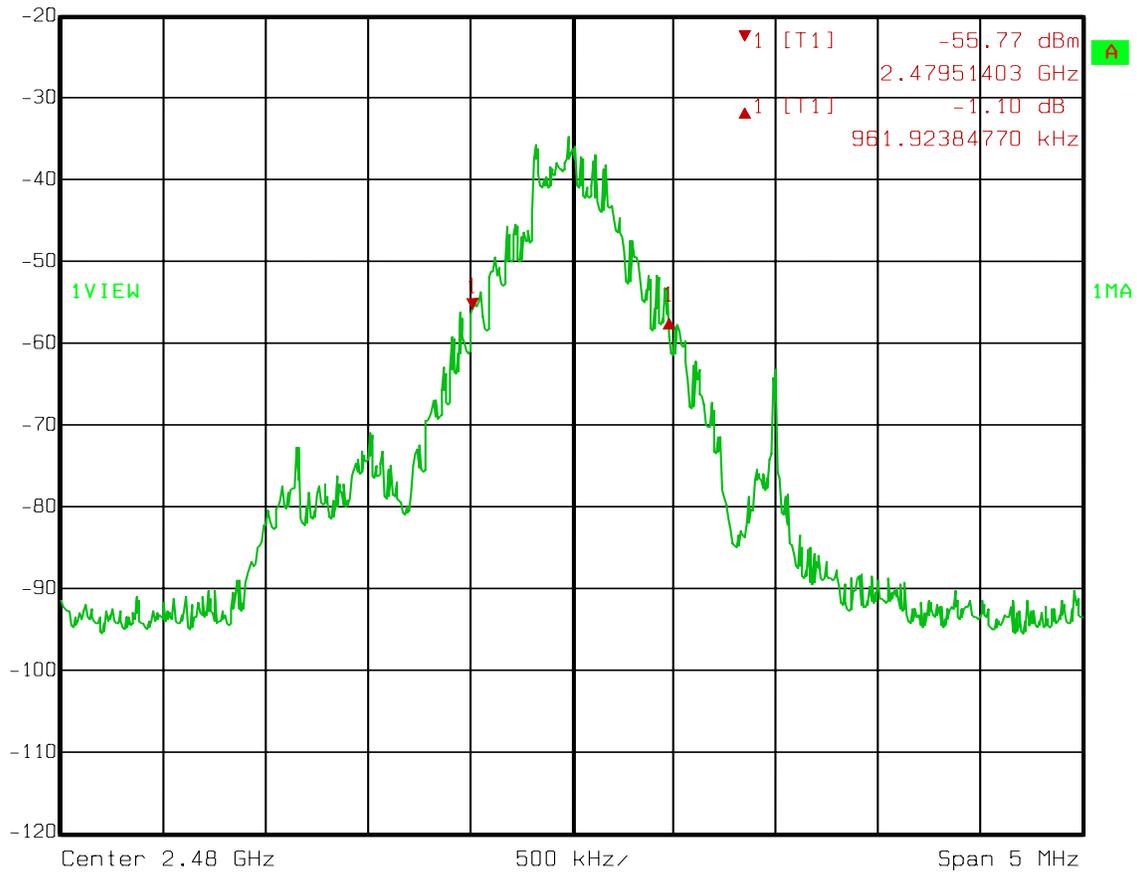
Date: 13.DEC.2007 10:51:25

Test Data – 20 dB Bandwidth

High Channel



Delta 1 [T1] RBW 10 kHz RF Att 10 dB
Ref Lvl -20 dBm -1.10 dB VBW 10 kHz
961.92384770 kHz SWT 125 ms Unit dBm



Date: 13.DEC.2007 10:54:11

Section 5. Time of Occupancy

NAME OF TEST: Time of Occupancy	PARA. NO.: 15.247(a)(1)
TESTED BY: David Light	13 December 2007

Test Results: Complies.

Measurement Data:

Maximum Dwell Time On Any Channel: 104.3 mS in 32 seconds

Equipment Used: 1036-1082-802

Measurement Uncertainty: 1X10⁻⁷ppm

Temperature: 21 °C

Relative Humidity: 33 %

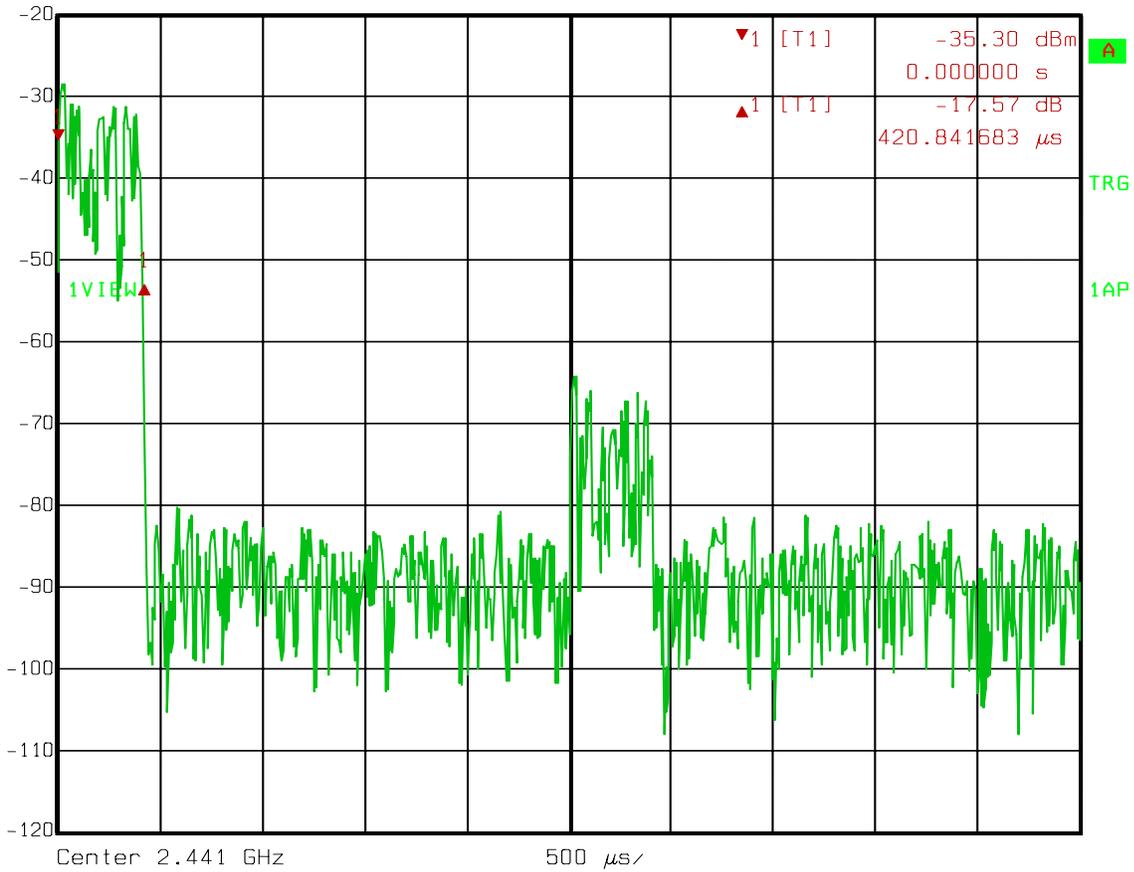
Test Data – Time of Occupancy

Pulse Width
One pulse = 420 μ S



Ref Lvl -20 dBm
Delta 1 [T1] -17.57 dB
420.841683 μ S

RBW	50 kHz	RF Att	10 dB
VBW	50 kHz	Unit	dBm
SWT	5 ms		



Date: 13.DEC.2007 11:05:24

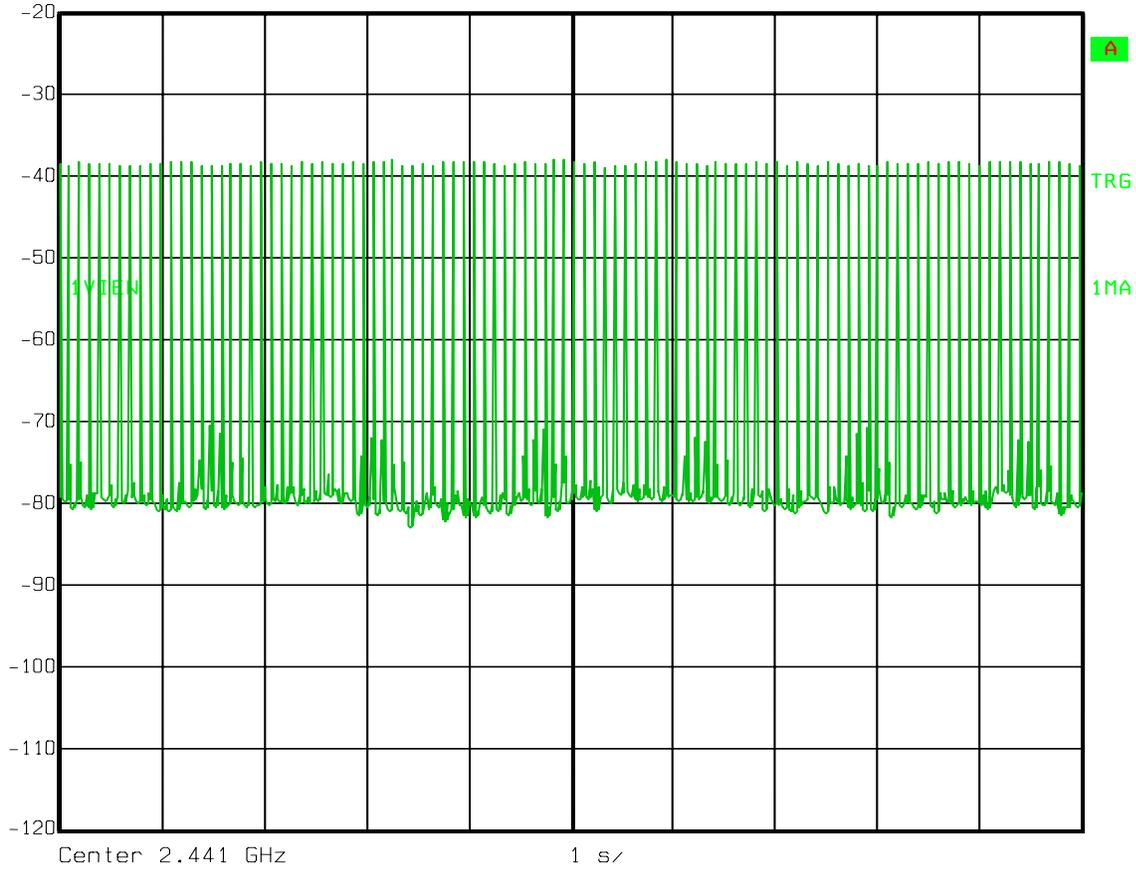
Test Data – Time of Occupancy

10 second sweep
102 420 μ S pulses



Ref Lvl
-20 dBm

RBW	10 kHz	RF Att	10 dB
VBW	10 kHz		
SWT	10 s	Unit	dBm

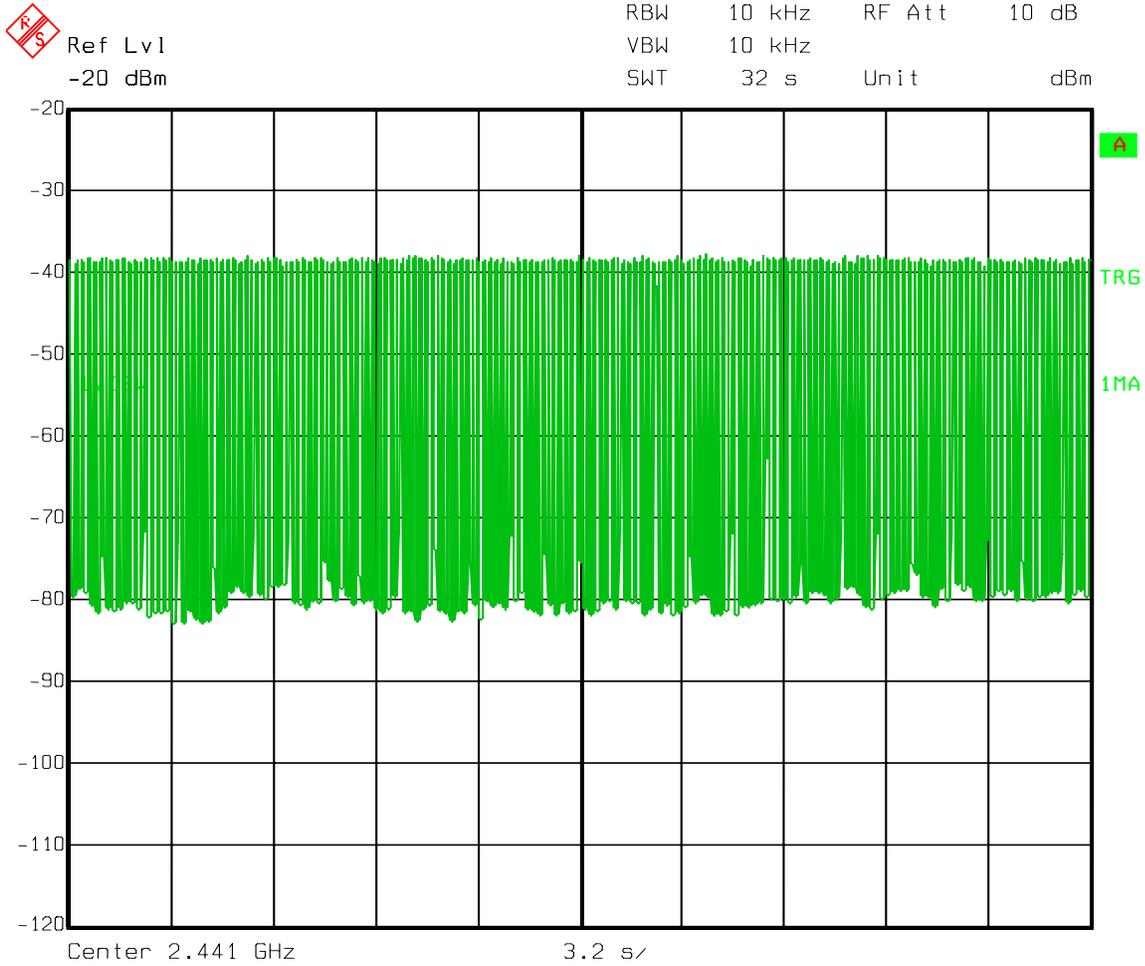


Date: 13.DEC.2007 11:08:24

Test Data – Time of Occupancy

31.6 second sweep

326 * 0.420 mS pulses in 32 seconds = 136.92 mS ON time



Date: 13.DEC.2007 11:10:06

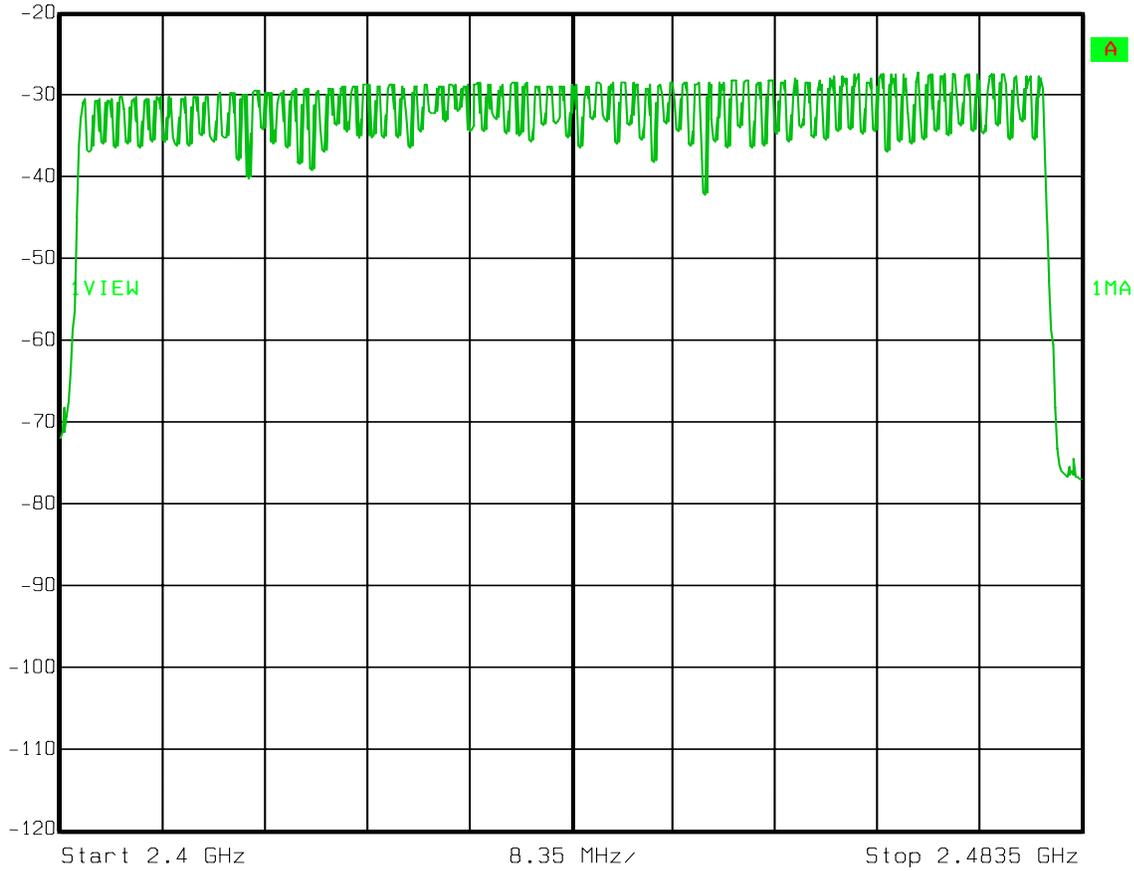
Test Data – Time of Occupancy

79 Hopping Channels



Ref Lvl
-20 dBm

RBW 300 kHz RF Att 10 dB
VBW 300 kHz
SWT 5 ms Unit dBm

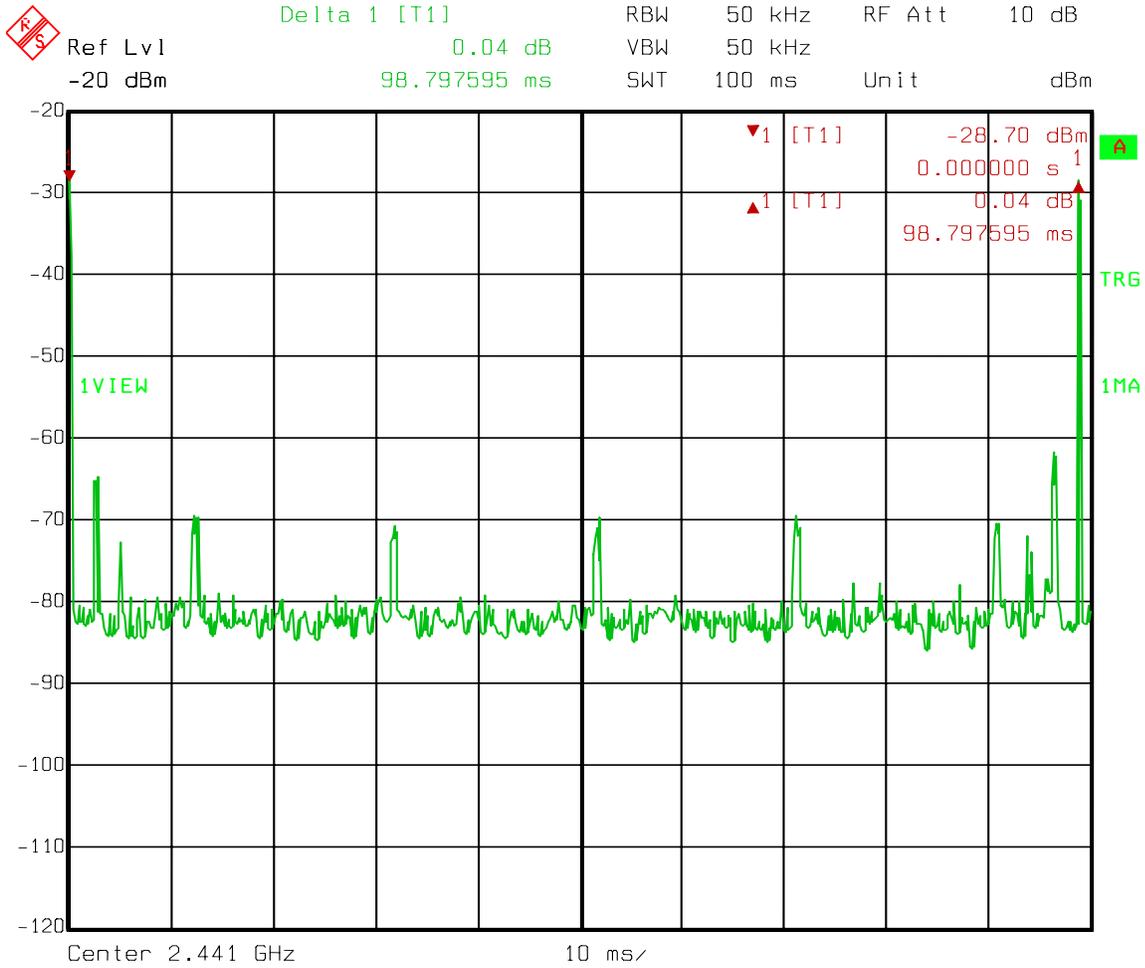


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Test Data – Time of Occupancy

840 μS ON time in 100 mS

Duty Cycle = $20 \log (T_{on}/100 \text{ mS}) = 20 \log (0.0084) = -41.5 \text{ dB}$



Date: 13.DEC.2007 11:06:54

Section 6. Peak Power Output

NAME OF TEST: Peak Power Output	PARA. NO.: 15.247 (b)
TESTED BY: David Light	DATE: 13 December 2007

Test Results: Complies.

Measurement Data: See attached plots.
 Detachable antenna? Yes No
 If yes, state the type of non-standard connector used:

RBW=VBW=1 MHz Peak detector.

Frequency (MHz)	Meter Reading (dBm)	Substitution Level (dBm)	Pre-Amp Gain (dB)	Substitution Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarity	Comments
2402	-23.0	-20.7	32.6	7.8	-12.9	36.0	-48.9000	V	This device was tested on three orthogonal axis'
2402	-26.5	-22.3	32.6	7.8	-14.5	36.0	-50.5000	H	
2441	-23.3	-21.0	32.6	7.8	-13.2	36.0	-49.2000	V	
2441	-28.0	-23.8	32.6	7.8	-16.0	36.0	-52.0000	H	
2480	-25.8	-23.5	32.6	7.8	-15.7	36.0	-51.7000	V	
2480	-27.2	-23.0	32.6	7.8	-15.2	36.0	-51.2000	H	

Maximum peak power output equals -12.9 dBm as measured using the reference substitution antenna method of measurement. The manufacturer's stated peak antenna gain is 1.8 dBi(see antenna data sheet).

- This device was tested at +/- 15% input power per 15.31(e), with no variation in output power.
- For battery powered equipment, the device was tested with a fresh battery per 15.31(e).
- The device was tested on three channels per 15.31(l).
- This test was performed radiated.

Equipment Used: 1464-1484-1485-1016-993

Measurement Uncertainty: 1.7 dB

Temperature: °C

Relative Humidity: %

Section 7. Spurious Emissions (Radiated)

NAME OF TEST: Spurious Emissions (Radiated)	PARA. NO.: 15.247(d)
TESTED BY: David Light	DATE: 13 December 2007

Test Results: Complies. The worst case emission was 50.8 dBµV/m at 4804 MHz. This is 3.2 dB below the specification limit of 54 dBµV/m.

Measurement Data: See attached table.

Duty Cycle Calculation:

Duty Cycle correction factor(dB) = 20 log (rf_{ON} in ms/100ms)

Notes:

- For handheld devices, the EUT was tested on three orthogonal axis'
- The device was tested from 30 MHz to the tenth harmonic of the highest fundamental frequency per 15.33
- The device was tested on three channels per 15.31(l).
- No emissions were detected within 20 dB of the specification limit therefore none are reported per 15.31(o). Band edge data is presented below.

Equipment Used: 1464-1484-1485-1016-791-993-759-760

Measurement Uncertainty: +/-3.6 dB

Temperature: 21 °C

Relative Humidity: 33 %

Test Data - Radiated Emissions

Measurement Data:

Reading listed by order taken.

Test Distance: 3 Meters

Freq MHz	Rdng dBµV	Cable dB	Cable dB	Horn dB	Pre-A dB	Dist Table	Corr dBµV/m	Spec dBµV/m	Margin dB	Polar Ant
4804.0	46.0	+1.0	+3.2	+33.1	-32.5	+0.0	50.8	54.0	-3.2	Vert
								Lowest Channel		
4804.0	44.5	+1.0	+3.2	+33.1	-32.5	+0.0	49.3	54.0	-4.7	Horiz
								Lowest Channel		
4882.0	45.7	+1.0	+3.3	+33.4	-32.6	+0.0	50.8	54.0	-3.2	Vert
								Center Channel		
4882.0	42.7	+1.0	+3.3	+33.4	-32.6	+0.0	47.8	54.0	-6.2	Horiz
								Center Channel		
2483.5	44.8	+0.8	+2.3	+29.0	-32.8	+0.0	44.1	54.0	-9.9	Vert
								Highest Channel		
4960.0	44.0	+1.0	+3.3	+33.7	-32.6	+0.0	49.4	54.0	-4.6	Vert
								Highest Channel		
2483.5	44.8	+0.8	+2.3	+29.0	-32.8	+0.0	44.1	54.0	-9.9	Horiz
								Highest Channel		
4960.0	43.8	+1.0	+3.3	+33.7	-32.6	+0.0	49.2	54.0	-4.8	Horiz
								Highest Channel		

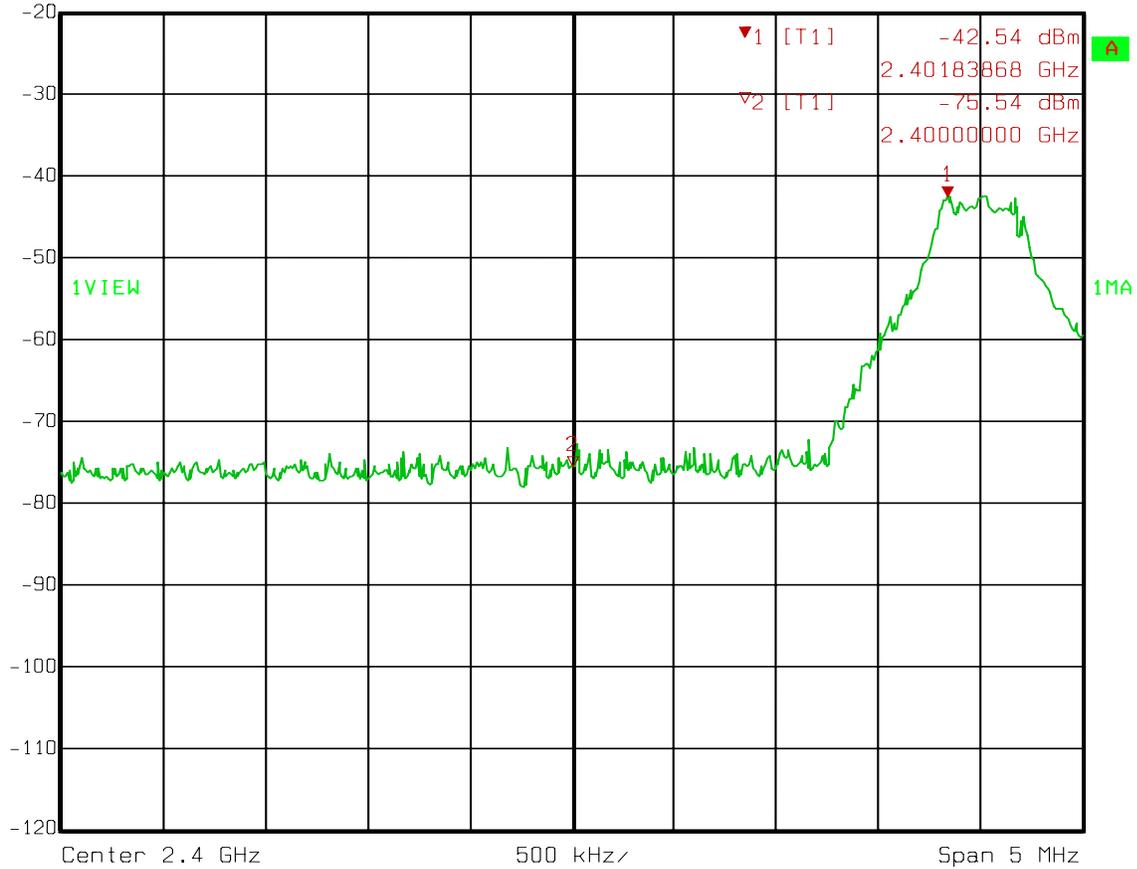
Analyzer Setting: RBW=VBW=1 MHz Peak detector

All readings are PEAK unless otherwise noted

Lower Bandedge



Ref Lvl -20 dBm
Marker 1 [T1] -42.54 dBm
2.40183868 GHz
RBW 100 kHz RF Att 0 dB
VBW 100 kHz
SWT 5 ms Unit dBm



Date: 13.DEC.2007 15:26:15

Radiated Photographs



Section 8. Test Equipment List

Nemko ID	Description	Manufacturer Model Number	Serial Number	Calibration Date	Calibration Due
1036	SPECTRUM ANALYZER	ROHDE & SCHWARZ FSEK30	830844/006	05/26/06	05/26/08
674	LIMITER	HP 11947A	3107A02200	CBU	NA
1120	CABLE	Nemko USA, Inc. 0	N/A	09/19/07	09/19/08
1188	LISN	EMCO 3825/2	1214	06/20/07	06/19/08
1082	CABLE 2m	Astrolab 32027-2-29094-72TC	N/A	CBU	N/A
802	Near Field Probe Set	EMCO 7405	103	N/A	N/A
1464	Spectrum analyzer	Hewlett Packard 8563E	3551A04428	01/24/07	01/24/09
1484	Cable	Storm PR90-010-072	N/A	05/02/07	05/01/08
1485	Cable	Storm PR90-010-216	N/A	05/02/07	05/01/08
1016	Pre-Amp	HEWLETT PACKARD 8449A	2749A00159	05/01/07	04/30/08
791	PREAMP, 25dB	Nemko USA, Inc. LNA25	398	05/01/07	04/30/08
993	Horn antenna	A.H. Systems SAS-200/571	XXX	08/31/07	08/30/08
759	ANTENNA, LOG PERIODIC	A.H. SYSTEMS SAS-200/510	556	03/30/07	03/29/08
760	Antenna biconical	Electro Metrics MFC-25	477	01/19/07	01/19/08

ANNEX A - TEST DETAILS

NAME OF TEST: Powerline Conducted Emissions	PARA. NO.: 15.207(a)
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Minimum Standard: §15.207 Conducted limits.

(a) Except as shown in paragraphs (b) and (c) of this section, 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 mH/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this 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.

Frequency of Conducted Emission (MHz)	Limit (dBmV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

(b) The limit shown in paragraph (a) of this section shall not apply to carrier current systems operating as intentional radiators on frequencies below 30 MHz. In lieu thereof, these carrier current systems shall be subject to the following standards:

(1) For carrier current systems containing their fundamental emission within the frequency band 535-1705 kHz and intended to be received using a standard AM broadcast receiver: no limit on conducted emissions.

(2) For all other carrier current systems: 1000 mV within the frequency band 535-1705 kHz, as measured using a 50 mH/50 ohms LISN.

(3) Carrier current systems operating below 30 MHz are also subject to the radiated emission limits as provided in §15.205 and §§15.209, 15.221, 15.223, 15.225 or 15.227, as appropriate.

(c) Measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines. Devices that include, or make provision for, the use of battery chargers which permit operating while charging, AC adaptors or battery eliminators or that connect to the AC power lines indirectly, obtaining their power through another device which is connected to the AC power lines, shall be tested to demonstrate compliance with the conducted limits.

NAME OF TEST: Channel Separation

PARA. NO.: 15.247(a)(1)

Minimum Standard:

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.

NAME OF TEST: Time of Occupancy	PARA. NO.: 15.247(a)(1)
---------------------------------	-------------------------

Minimum Standard:

Frequency Band (MHz)	20 dB Bandwidth	No. of Hopping Channels	Average Time of Occupancy
902 - 928	<250 kHz	50	=<0.4 sec. in 20 sec.
902 - 928	=>250 kHz	25	=<0.4 sec. in 10 sec.
2400 - 2483.5	-----	75	=<0.4 sec. in 0.4 seconds multiplied by the number of hopping channels employed.
5725 - 5850	-----	75	=<0.4 sec. in 30 sec.

Method Of Measurement:

The spectrum analyzer is set as follows:

- RBW: 1 MHz
- VBW: = RBW
- Span: 0 Hz
- LOG dB/div.: 10 dB
- Sweep: Sufficient to see one hop time sequence.
- Trigger: Video

The occupancy time of one hop is measured as above. The average time of occupancy is calculated over the appropriate period of time from above table

Avg. time of occupancy = (period from table/duration of one hop)/no. of channels multiplied by the duration of one hop.

For instance:

If a 2.4 GHz system has a measured hop duration time of 1 msec. and uses 75 channels, then the average time of occupancy would be:

$$(30 \text{ sec.} / .001 \text{ sec.}) / 75 \text{ chan.} = 400 \times 1 \text{ msec.} = 400 \text{ msec. or } 0.4 \text{ sec. in } 30 \text{ sec.}$$

NAME OF TEST: Occupied Bandwidth	PARA. NO.: 15.247(a)(1)
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Minimum Standard:

Frequency Band (MHz)	Maximum 20 dB Bandwidth
902 - 928	500 kHz
2400 – 2483.5	Not defined
5725 – 5850	1 MHz

Method Of Measurement:

The spectrum analyzer is set as follows:

RBW: At least 1% of span/div.

VBW: >RBW

Span: Sufficient to display 20 dB bandwidth

LOG dB/div.: 10 dB

Sweep: Auto

Number of channels tested:

Tuning range	Number of channels tested	Channel location in band
1 MHz or less	1	middle
1 to 10 MHz	2	top and bottom
more than 10 MHz	3	top, middle, bottom

NAME OF TEST: Peak Power Output	PARA. NO.: 15.247(b)
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Minimum Standard:

Frequency Band (MHz)	No. of Hopping Channels	Maximum Peak Power Output at Antenna Port
902 - 928	at least 50	1 watt
902 – 928	25 - 49	0.25 watts
2400 – 2483.5	75	1 watt
5725 – 5850	75	1 watt

If transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Systems operating in the 2400-2483.5 MHz band that are used exclusively for fixed, point to point operation may employ transmitting antennas with directional gain greater than 6 dBi provided the maximum peak output power is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceed 6 dBi.

Systems operating in the 5725 – 5850 MHz band that are used exclusively for fixed, point-to-point operation may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter peak output power.

Direct Measurement Method For Detachable Antennas:

If the antenna is detachable, a peak power meter is used to measure the power output with the transmitter operating into a 50 ohm load. The dBi gain of the antenna(s) employed shall be reported.

Substitution Antenna Measurement Method For Non-Detachable Antennas:

If the antenna is not detachable the reference substitution antenna method of measurement is used. The peak radiated level is determined through manipulation of the EUT and the measurement antenna. A substitution antenna with known gain is then substituted in place of the EUT and a signal is fed to the input of the substitution antenna and adjusted to obtain the level found above. The dBi gain of the substitution

is then added to the rf input level of the substitution antenna to obtain the final eirp reading.

The EIRP may also be obtained from the peak field strength by using the following method.

Calculation Of EIRP For Integral Antenna:

Peak Power Output is derived from the peak radiated field strength of the fundamental emission by using the plane wave relation $GP/4\pi R^2 = E^2/120\pi$ and proceeding as follows:

$$P = \frac{E^2 R^2}{30G} = \frac{E^2 3^2}{30G}$$

where,

P = the equivalent isotropic radiated power in watts

E = the maximum measured field strength in V/m

R = the measurement range (3 meters)

G = the numeric gain of the EUT transmit antenna in relation to an isotropic radiator

The RBW of the spectrum analyzer shall be set to a value greater than the measured 20 dB occupied bandwidth of the E.U.T.

Number of channels tested:

Tuning range	Number of channels tested	Channel location in band
1 MHz or less	1	middle
1 to 10 MHz	2	top and bottom
more than 10 MHz	3	top, middle, bottom

NAME OF TEST: Spurious Emissions at Antenna Terminals PARA. NO.: 15.247(d)

Minimum Standard: In any 100kHz bandwidth outside the frequency band in which the transmitter is operating, emissions shall be at least 20 dB below the fundamental emission or shall not exceed the following field strength limits. Emissions falling in the restricted bands of 15.205 shall not exceed the following field strength limits:

Frequency (MHz)	Field Strength ($\mu\text{V/m @ 3m}$)	Field Strength (dB @ 3m)
30 - 88	100	40.0
88 - 216	150	43.5
216 - 960	200	46.0
Above 960	500	54.0

THE SPECTRUM WAS SEARCHED TO THE 10th HARMONIC

Method Of Measurement:

30 MHz - 10th harmonic plot

RBW: 100 kHz

VBW: 300 kHz

Sweep: Auto

Display line: -20 dBc

Lower Band Edge

RBW: At least 1% of span/div.

VBW: >RBW

Span: As necessary to display any spurious at band edge.

Sweep: Auto

Center Frequency: 902 MHz, 2400 MHz, or 5725 MHz

Marker: Peak of fundamental emission

Marker Δ : Peak of highest spurious level below center frequency.

Upper Band Edge

RBW: At least 1% of span/div.

VBW: >RBW

Span: As necessary to display any spurious at band edge.

Sweep: Auto

Center Frequency: 928 MHz, 2483.5 MHz, or 5850 MHz

Marker: Peak of fundamental emission

Marker Δ : Peak of highest spurious level above center frequency.

Number of channels tested:

Tuning range	Number of channels tested	Channel location in band
1 MHz or less	1	middle
1 to 10 MHz	2	top and bottom
more than 10 MHz	3	top, middle, bottom

NAME OF TEST: Radiated Spurious Emissions	PARA. NO.: 15.247(d)
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Minimum Standard: In any 100kHz bandwidth outside the frequency band in which the transmitter is operating, emissions shall be at least 20 dB below the fundamental emission or shall not exceed the following field strength limits:

Emissions falling in the restricted bands of 15.205 shall not exceed the following field strength limits:

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

THE SPECTRUM WAS SEARCHED TO THE 10th HARMONIC

15.205 Restricted Bands

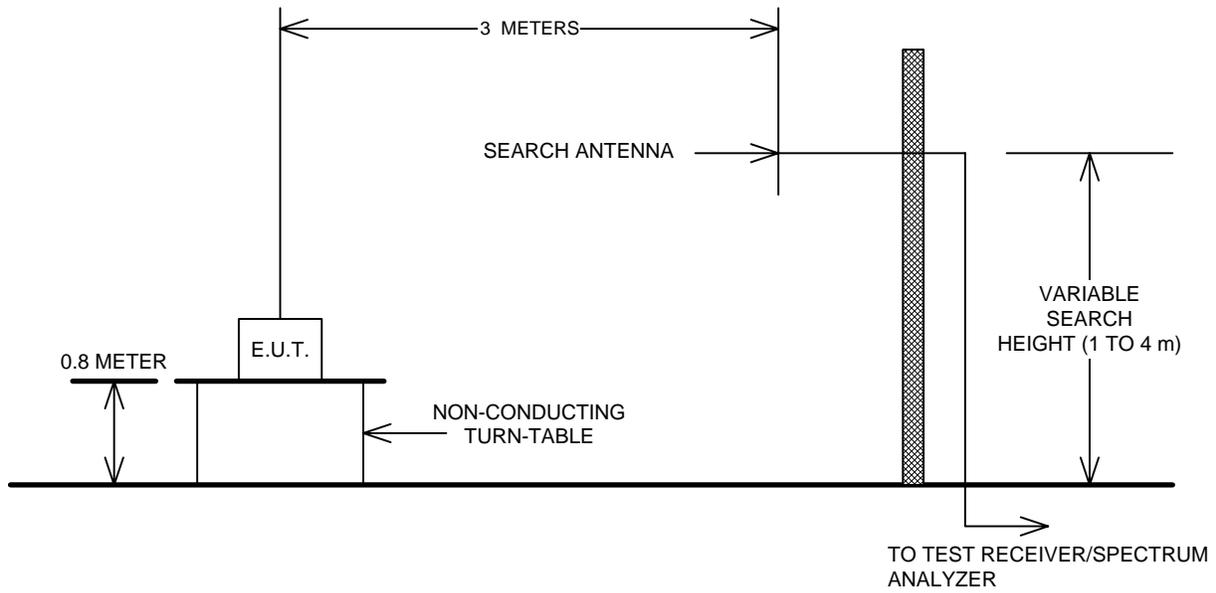
MHz	MHz	MHz	GHz
0.09-0.11	16.42-16.423	399.9-410	4.5-5.25
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.125-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2655-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	Above 38.6
13.36-13.41	1718		

Number of channels tested:

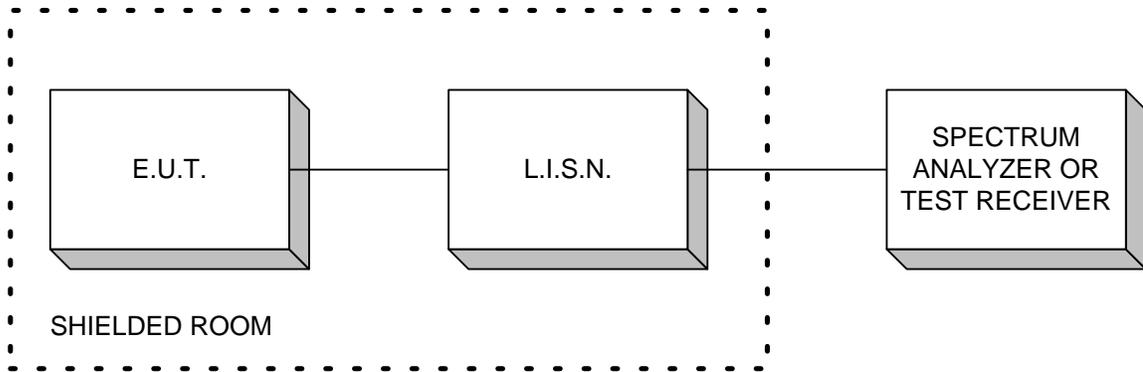
Tuning range	Number of channels tested	Channel location in band
1 MHz or less	1	middle
1 to 10 MHz	2	top and bottom
more than 10 MHz	3	top, middle, bottom

ANNEX B - TEST DIAGRAMS

Test Site For Radiated Emissions



Conducted Emissions



Peak Power at Antenna Terminals

