



TEST REPORT FROM RFI GLOBAL SERVICES LTD

Test of: GN Netcom A/S
Bluetooth Headset OTE3

To: FCC Part 15.247: 2006 (Subpart C)

Test Report Serial No:
RFI/RPTE1/RP73256JD11A

This Test Report Is Issued Under The Authority Of Steve Flooks, Radio Performance Group Service Leader:	 pp Brian Watson
Checked By: Brian Watson 	Report Copy No: PDF01
Issue Date: 09 May 2008	Test Dates: 31 March 2008 to 07 April 2008

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Test Report

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1. Client Information

Company Name:	GN Netcom A/S
Address:	Alfred Nobels Vej 21B Aalborg Ø DK-9220 Denmark
Contact Name:	Mr T Ringtved

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2. Equipment Under Test (EUT)

The following information (with the exception of the date of receipt) has been supplied by the customer:

2.1. Description of EUT

The equipment under test is a Bluetooth Headset.

2.2. Identification of Equipment Under Test (EUT)

Description:	Bluetooth Headset
Brand Name:	Jabra
Model Name or Number:	OTE3
Serial Number:	None Stated
Hardware Version Number:	28-01907
Software Version Number:	001.002.029
FCC ID Number:	BCE-OTE3
Country of Manufacture:	China
Date of Receipt:	31 March 2008

2.3. Modifications Incorporated in the EUT

During the course of testing the EUT was not modified.

2.4. Accessories

The following accessories were supplied with the EUT during testing:

Description:	Jabra charger
Brand Name:	Sunfone/Jabra
Model Name or Number:	ACW003A-05
Serial Number:	None Stated
Cable Length and Type:	None Stated
Country of Manufacture:	None Stated
Connected to Port	None Stated

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Accessories (Continued)

Description:	Jabra Charger
Brand Name:	Sunstrong
Model Name or Number:	SSA-5W-05
Serial Number:	None Stated
Cable Length and Type:	None Stated
Country of Manufacture:	None Stated
Connected to Port	None Stated

Description:	Jabra charger
Brand Name:	Salcomp
Model Name or Number:	430(X)Q
Serial Number:	None Stated
Cable Length and Type:	None Stated
Country of Manufacture:	None Stated
Connected to Port	None Stated

2.5. Support Equipment

No support equipment was used to exercise the EUT during testing.

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2.6. Additional Information Related to Testing

Power Supply Requirement:	Internal battery supply of 3.7 V		
Intended Operating Environment:	Residential, Commercial, Light Industry		
Equipment Category:	Bluetooth		
Type of Unit:	Portable (Standalone battery powered device) Transceiver		
Channel Spacing:	1000 (kHz)		
Modulation Type:	GFSK + $\pi/4$ -DQPSK + 8DPSK		
Temperature Range:	11°C to 19°C		
Data Rate:	Standard + EDR		
Transmitter Output Power:	4 dBm		
Transmit Frequency Range:	2402 MHz to 2480 MHz		
Transmit Channels Tested:	Channel ID	Channel Number	Channel Frequency (MHz)
	Bottom	0	2402
	Middle	39	2441
	Top	78	2480
Receive Frequency Range:	2402 MHz to 2480 MHz		
Receive Channels Tested:	Channel ID	Channel Number	Channel Frequency (MHz)
	Bottom	0	2402
	Middle	39	2441
	Top	78	2480

2.7. Port Identification

Port	Description	Type/Length
1	Charger connection	Micro USB

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3. Test Specification, Methods and Procedures

3.1. Test Specification

Reference:	FCC Part 15.247: 2006 Subpart C
Title:	Code of Federal Regulations, Part 15.247 (47CFR15) (Intentional Radiators operating within the band 2400 MHz to 2483.5 MHz)

3.2. Methods and Procedures

The methods and procedures used were as detailed in:

ANSI C63.2 (1996)

Title: American National Standard for Instrumentation - Electromagnetic Noise and Field Strength Instrumentation, 10 Hz to 40 GHz.

ANSI C63.4 (2003)

Title: American National Standard Methods of Measurement of Electromagnetic Emissions from Low Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.

ANSI C63.5 (1988)

Title: American National Standard for the Calibration of antennas used for Radiated Emission measurements in Electromagnetic Interference (EMI) control.

ANSI C63.7 (1988)

Title: American National Standard Guide for Construction of Open Area Test Sites for performing Radiated Emission Measurements.

CISPR 16-1: (1999)

Title: Specification For Radio Disturbance and Immunity Measuring Apparatus and Methods. Part 1: Radio Disturbance and Immunity Measuring Apparatus.

DA00-705 (2000)

Title: Filing and Frequency Measurement Guidelines for Frequency Hopping Spread Spectrum Systems.

3.3. Definition of Measurement Equipment

The measurement equipment used complied with the requirements of the standards referenced in the methods & procedures section above. Appendix 1 contains a list of the test equipment used.

4. Deviations from the Test Specification

There were no deviations from the test specification.

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5. Operation and Configuration of the EUT during Testing

5.1. Operating Modes

The EUT was tested in the following operating modes, unless otherwise stated.

- In *Bluetooth* test mode connected to a *Bluetooth* tester over the air.

5.2. Configuration and Peripherals

The EUT was tested in the following configuration:

- Charger connected for AC Emissions testing. Three US type chargers were supplied for testing. All three were tested and the report shows the results from the charger with the highest level emissions.
- 20 dB bandwidth and TX carrier frequency separation tests were carried out in normal and EDR modes.
- EDR mode was found to be the worst case and EDR results only are included in the report.

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6. Summary of Test Results

Range of Measurements	Specification Reference	Port Type	Compliance Status
Idle Mode AC Conducted Emissions (150 kHz to 30 MHz)	Section 15.107	AC Mains	Complied
Idle Mode Radiated Spurious Emissions	Section 15.109	Antenna	Complied
Transmitter 20 dB Bandwidth	Section 15.247(a)(1)	Antenna	Complied
Transmitter Carrier Frequency Separation	Section 15.247(a)(1)	Antenna	Complied
Transmitter Average Time of Occupancy	Section 15.247(a)(1)(iii)	Antenna	Complied
Transmitter Maximum Peak Output Power	Section 15.247(b)(1)	Antenna	Complied
Transmitter Radiated Emissions	Sections 15.247(d) & 15.209(a)	Antenna	Complied
Transmitter Band Edge Radiated Emissions	Sections 15.247(d) & 15.209(a)	Antenna	Complied

6.1. Location of Tests

All the measurements described in this report were performed at the premises of RFI Global Services Ltd, Ewhurst Park, Ramsdell, Basingstoke, Hampshire, RG26 5RQ

6.2. Site Registration Numbers

- FCC: 90895
- IC: 3485

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7. Measurements, Examinations and Derived Results

7.1. General Comments

This section contains test results only.

Measurement uncertainties are evaluated in accordance with current best practice. Our reported expanded uncertainties are based on standard uncertainties, which are multiplied by an appropriate coverage factor to provide a statistical confidence level of approximately 95%. Please refer to section 8 for details of measurement uncertainties.

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7.2. Test Results

7.2.1. Conducted Emissions - Quasi-Peak Detector Measurements - Idle Mode

7.2.1.1. Tests were performed using the test methods detailed in ANSI C63.4 Section 7.

7.2.1.2. Tests were performed to identify the maximum emission levels present on the ac mains line of the EUT.

Frequency (MHz)	Line	Level (dB μ V)	Limit (dB μ V)	Margin (dB)	Result
0.303000	Live	35.9	60.2	24.3	Complied
0.334500	Live	29.5	59.3	29.8	Complied
0.447000	Live	31.6	56.9	25.3	Complied
0.501000	Live	31.6	56.0	24.4	Complied
0.906000	Live	24.9	56.0	31.1	Complied
0.960000	Live	23.0	56.0	33.0	Complied

7.2.2. Conducted Emissions - Average Detector Measurements - Idle Mode

Frequency (MHz)	Line	Level (dB μ V)	Limit (dB μ V)	Margin (dB)	Result
0.303000	Neutral	24.9	50.2	25.3	Complied
0.352500	Neutral	15.4	48.9	33.5	Complied
0.397500	Neutral	17.5	47.9	30.4	Complied
0.451500	Neutral	19.4	46.8	27.4	Complied
0.505500	Neutral	14.1	46.0	31.9	Complied
0.951000	Neutral	19.5	46.0	26.5	Complied

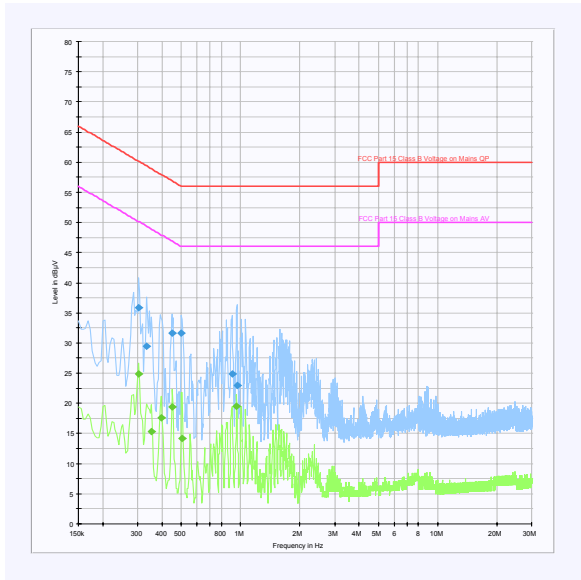
Note(s):

1. CHARGER SSA-5W-05 US 050018F was used for testing as this was found to be the worse case with regards to conducted emissions.

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Conducted Emissions - Idle Mode (Continued)



Note: These plots are pre-scans and for indication purposes only. For final measurements, see accompanying tables.

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7.2.3. Radiated Emissions - Idle Mode

7.2.3.1. Tests were performed using the test methods detailed in ANSI C63.4 Section 8.

7.2.3.2. Tests were performed to identify the maximum receiver or standby radiated emission levels.

Results:

Electric Field Strength Measurements (Frequency Range: 30 MHz to 1000 MHz)

Frequency (MHz)	Antenna Polarity	Quasi-Peak Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
1000	Vertical	34.8	54	19.2	Complied

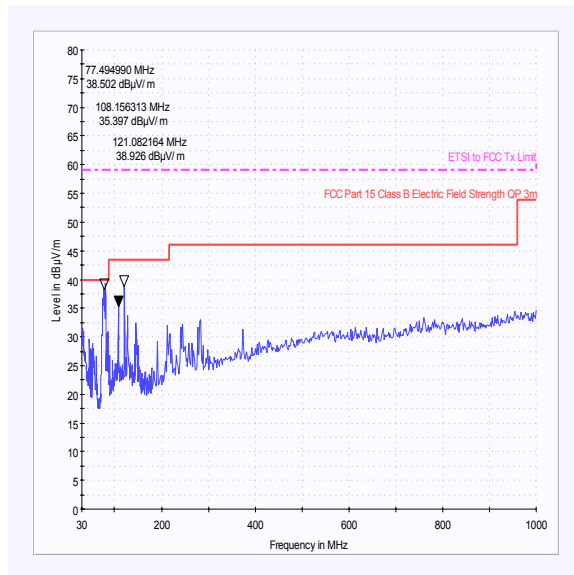
Note(s):

- No spurious emissions were detected above the noise floor of the measuring receiver; therefore, the highest peak noise floor reading of the measuring receiver was recorded as shown in the table above. The peak level was compared to the average limit as opposed to being compared to the peak limit because this is the more onerous limit.*
- All emissions shown on the plots were investigated and found to be noise floor or ambient.*

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Radiated Emissions (Continued) - Idle Mode



Note: These plots are pre-scans and for indication purposes only. For final measurements, see accompanying tables.

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7.2.4. Radiated Emissions - Idle Mode

Electric Field Strength Measurements (Frequency Range: 1 GHz to 12.75 GHz)

Highest Peak Level:

Frequency (GHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
3.979959	Vertical	52.6	-6.1	46.5	54.0	7.5	Complied

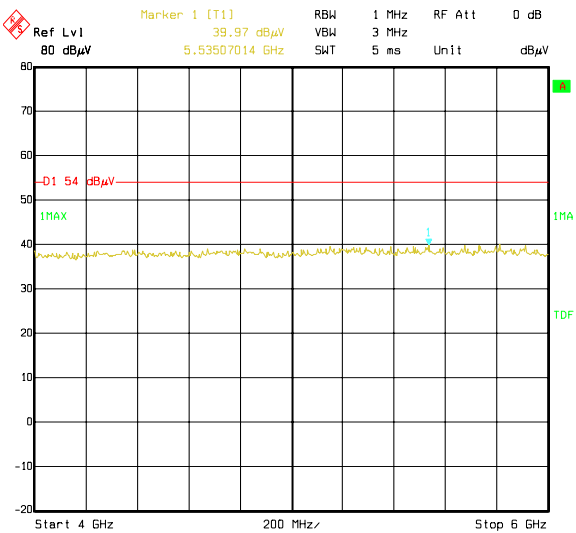
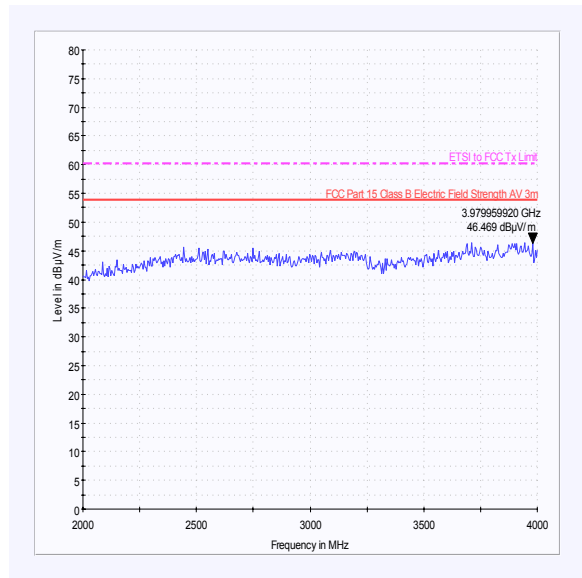
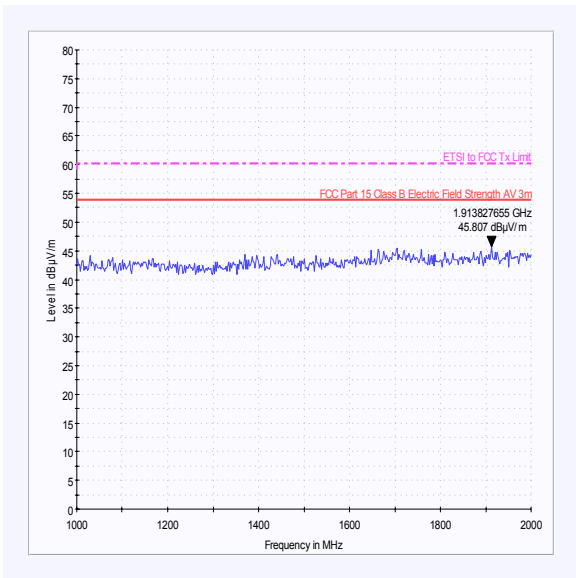
Note(s):

- No spurious emissions were detected above the noise floor of the measuring receiver; therefore, the highest peak noise floor reading of the measuring receiver was recorded as shown in the table above. The peak level was compared to the average limit as opposed to being compared to the peak limit because this is the more onerous limit.*

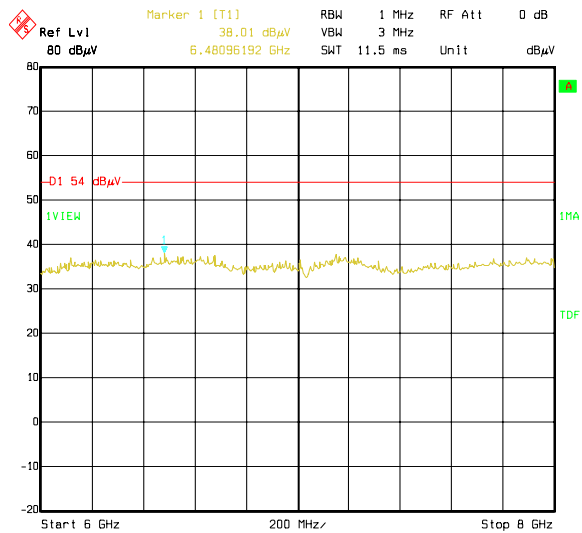
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Radiated Emissions - Idle Mode (Continued)



Title: 73256JD11
Comment A: RADIATED SPURIOUS EMISSIONS, IDLE MODE
Date: 03.APR.2008 11:32:16

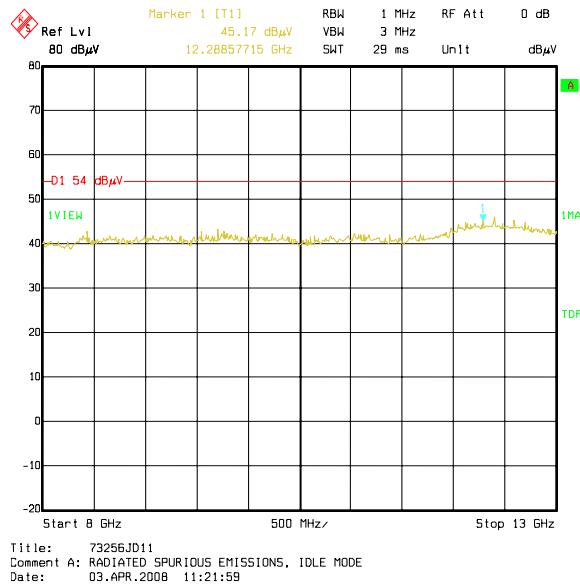


Title: 73256JD11
Comment A: RADIATED SPURIOUS EMISSIONS, IDLE MODE
Date: 03.APR.2008 11:26:18

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Radiated Emissions - Idle Mode (Continued)



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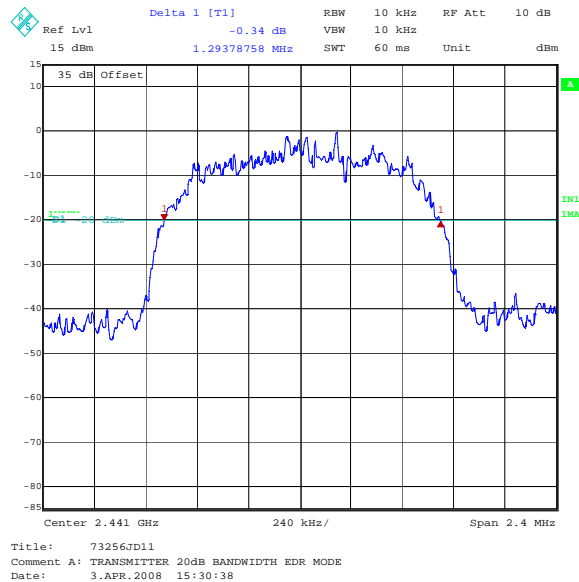
7.2.5. Transmitter 20 dB Bandwidth

Tests were performed using the test methods detailed in Public Notice DA 00-705 (March 30, 2000).

Tests were performed to identify the 20 dB bandwidth.

Results:

Transmitter 20 dB Bandwidth (kHz)	Limit (kHz)
1293.787	None specified



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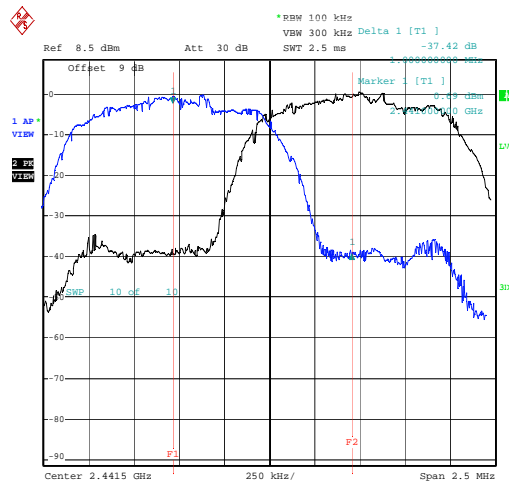
7.2.6. Transmitter Carrier Frequency Separation

Tests were performed using the test methods detailed in Public Notice DA 00-705 (March 30, 2000)

Tests were performed to identify the carrier frequency separation.

Results:

Transmitter Carrier Frequency Separation (kHz)	Limit (> ² / ₃ of 20 dB BW) (kHz)	Margin (kHz)	Result
1000.000	862.524	137.476	Complied



Date: 7.MAY.2008 11:38:56

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7.2.7. Transmitter Average Time of Occupancy

Tests were performed using the test methods detailed in Public Notice DA 00-705 (March 30, 2000).

Tests were performed to identify the average time of occupancy in number of channels (79) x 0.4 seconds. The calculated period is 31.6 seconds.

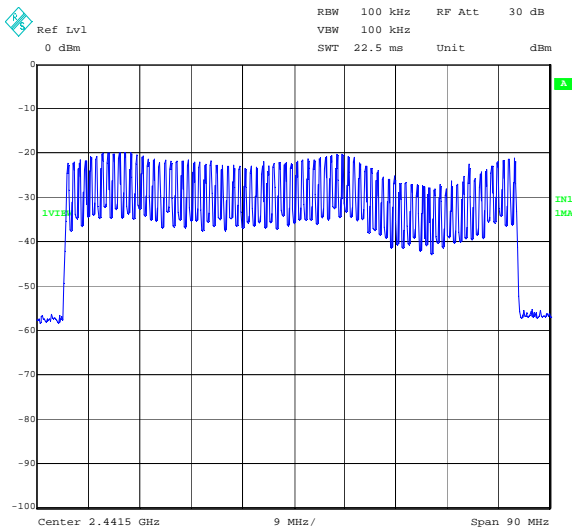
Results:

Emission Width (μs)	Number of Hops in 31.6 Seconds	Average Time of Occupancy (s)	Limit (s)	Margin (s)	Result
2893.788	54	0.156	0.4	0.244	Complied

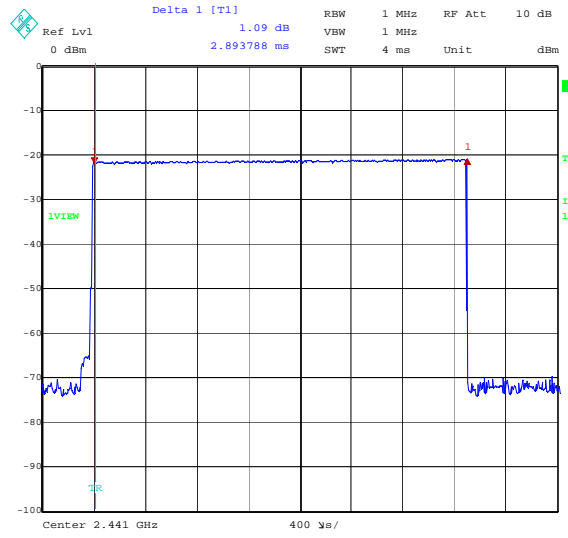
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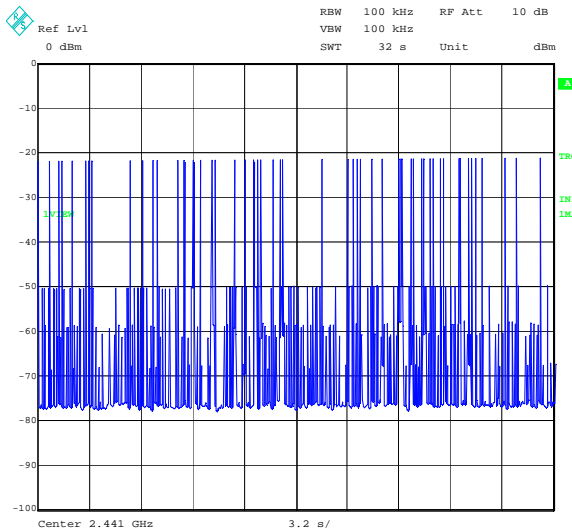
Transmitter Average Time of Occupancy (Continued)



Title: 73256JD11
Comment A: AVERAGE TIME OF OCCUPANCY, NUMBER OF CHANNELS
Date: 4.APR.2008 13:54:12



Title: 73256JD11
Comment A: AVERAGE TIME OF OCCUPANCY, PULSE LENGTH
Date: 4.APR.2008 13:57:57



Title: 73256JD11
Comment A: AVERAGE TIME OF OCCUPANCY, NUMBER OF HOPS
Date: 4.APR.2008 14:08:10

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7.2.8. Transmitter Maximum Peak Output Power

Tests were performed using the test methods detailed in Public Notice DA 00-705 (March 30, 2000), ANSI TIA-603-C-2004 and FCC CFR Part 2.

Tests were performed to identify the transmitter maximum peak output power (EIRP) of the EUT.

Results:

Battery Powered Devices EDR mode

Channel	EIRP (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	-1.9	21.0	22.9	Complied
Middle	-1.4	21.0	22.4	Complied
Top	-1.8	21.0	22.8	Complied

Note(s):

1. *These tests were performed radiated; therefore the EUT antenna gain is encompassed in the final result and not measurable.*

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7.2.9. Transmitter Radiated Emissions

Tests were performed using the test methods detailed in ANSI C63.4 Section 8 and Public Notice DA 00-705 (March 30, 2000).

Tests were performed to identify the maximum transmitter radiated emission levels.

Results:

Electric Field Strength Measurements: 30 MHz to 1000 MHz

Top Channel

Frequency (MHz)	Antenna Polarity	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
975.350	Vertical	39.7	54	14.3	Complied

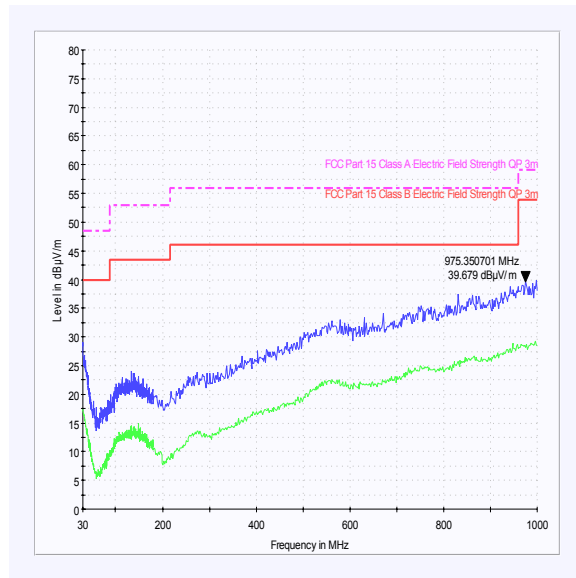
Note(s):

- The preliminary scans showed similar emission levels below 1 GHz, for each channel of operation. Therefore final radiated emissions measurements were performed with the EUT set to the top channel only.*
- No spurious emissions were detected above the noise floor of the measuring receiver; therefore, the highest peak noise floor reading of the measuring receiver was recorded as shown in the table above. The peak level was compared to the average limit as opposed to being compared to the peak limit because this is the more onerous limit.*
- All emissions shown on the plot were investigated and found to be noise floor or ambient.*

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Transmitter Radiated Emissions (Continued)



Note: These plots are pre-scans and for indication purposes only. For final measurements, see accompanying tables.

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Transmitter Radiated Emissions (Continued)

Results: Electric Field Strength Measurements (Frequency Range: 1 to 26.5 GHz)
(emissions occurring in the restricted bands)

Highest Peak Level: Bottom Channel

Frequency (GHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4.804044	Vertical	48.2	-3.3	44.9	74.0	29.1	Complied

Highest Average Level: Bottom Channel

Frequency (GHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4.804044	Vertical	38.3	-3.3	35.0	54.0	19.0	Complied

Highest Peak Level: Middle Channel

Frequency (GHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4.882010	Vertical	50.2	-3.3	46.9	74.0	27.1	Complied

Highest Average Level: Middle Channel

Frequency (GHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4.882010	Vertical	41.9	-3.3	38.6	54.0	15.4	Complied

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Transmitter Radiated Emissions (Continued)

Results:

Highest Peak Level: Top Channel

Frequency (GHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4.960100	Vertical	46.7	-3.3	43.4	74.0	30.6	Complied

Highest Average Level: Top Channel

Frequency (GHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4.960100	Vertical	36.5	-3.3	33.2	54.0	20.8	Complied

Highest Peak Level: Hopping Mode

Frequency (GHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4.872464	Vertical	50.4	-3.3	47.1	74.0	26.9	Complied

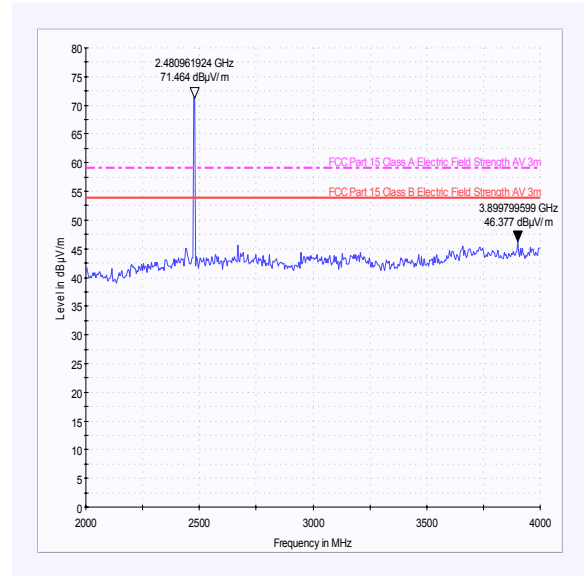
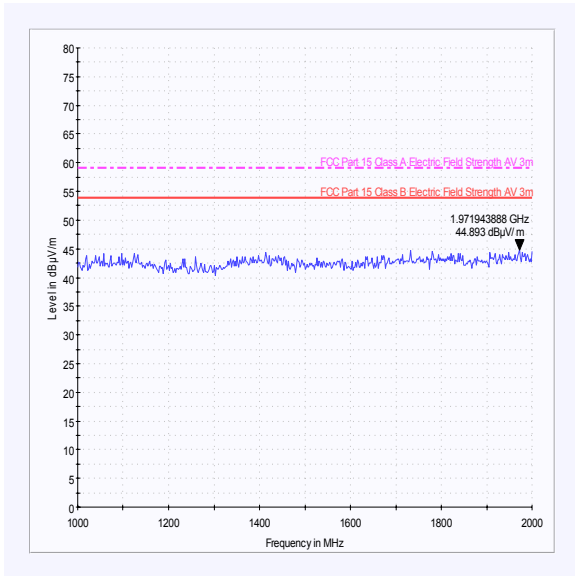
Highest Average Level: Hopping Mode

Frequency (GHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
4.872464	Vertical	34.9	-3.3	31.6	54.0	22.4	Complied

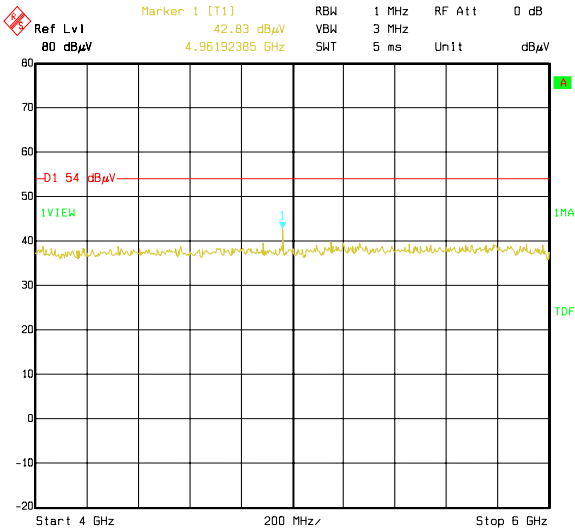
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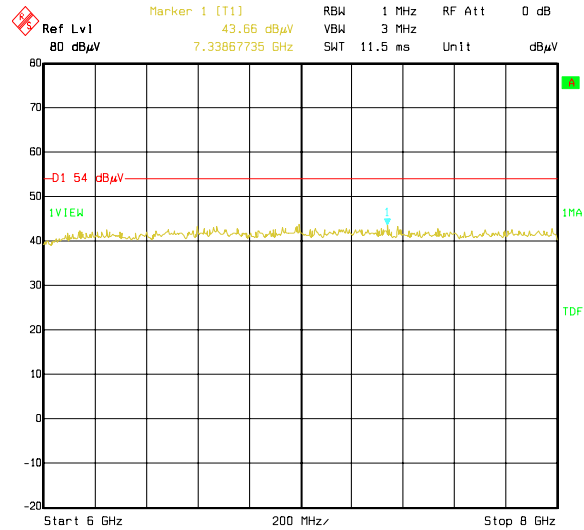
Transmitter Radiated Emissions (Continued)



NOTE: The carrier is shown on the above plot at 2480 MHz



Title: 73256JD11
Comment A: RADIATED SPURIOUS EMISSIONS, TRANSMIT MODE
Date: 03.APR.2008 09:56:34



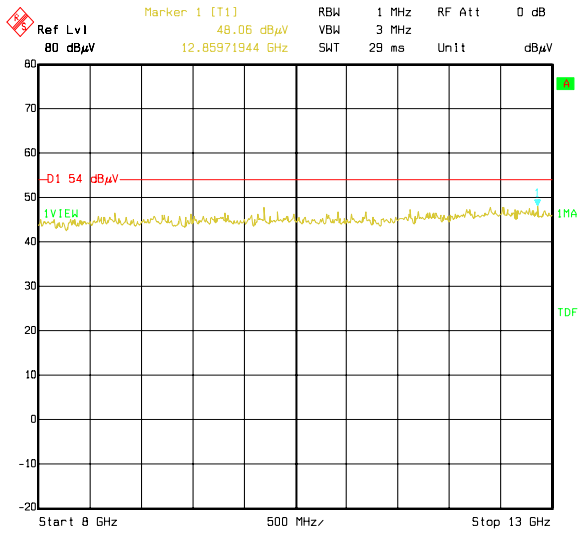
Title: 73256JD11
Comment A: RADIATED SPURIOUS EMISSIONS, TRANSMIT MODE
Date: 03.APR.2008 10:27:06

Note: These plots are pre-scans and for indication purposes only. For final measurements, see accompanying tables.

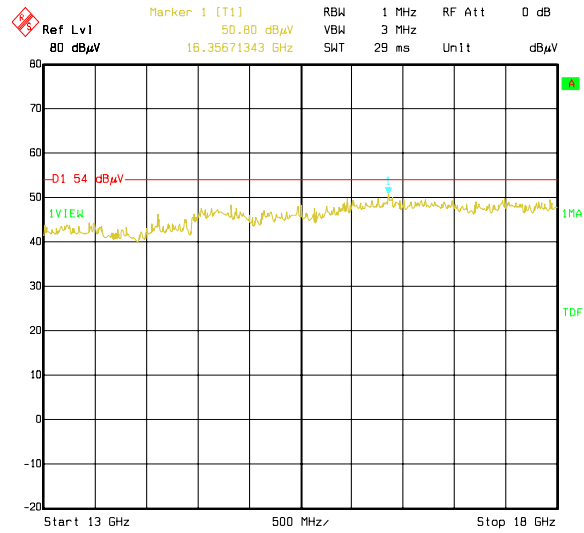
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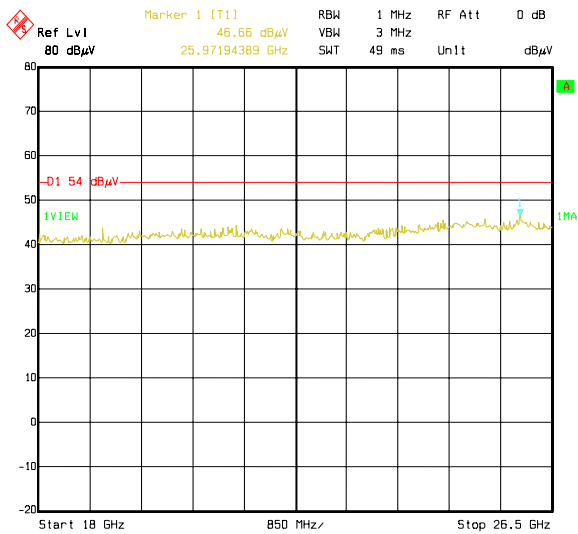
Transmitter Radiated Emissions (Continued)



Title: 73256JD11
Comment A: RADIATED SPURIOUS EMISSIONS, TRANSMIT MODE
Date: 03.APR.2008 10:32:05



Title: 73256JD11
Comment A: RADIATED SPURIOUS EMISSIONS, TRANSMIT MODE
Date: 03.APR.2008 10:40:01



Title: 73256JD11
Comment A: RADIATED SPURIOUS EMISSIONS, TRANSMIT MODE
Date: 03.APR.2008 10:44:50

Note: These plots are pre-scans and for indication purposes only. For final measurements, see accompanying tables.

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7.2.10. Transmitter Band Edge Radiated Emissions

Tests were performed using the test methods detailed in ANSI C63.4 Section 8 and Public Notice DA 00-705 (March 30, 2000)

Tests were performed to identify the maximum radiated band edge emissions.

Results:

Electric Field Strength Measurements

Peak Power Level – EDR Hopping Mode:

Frequency (GHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
2.4000	Horizontal	52.2	-6.5	45.7	*71.4	25.7	Complied
2.4835	Horizontal	57.0	-6.5	50.5	74.0	23.5	Complied

EDR Average Power Level - EDR Hopping Mode:

Frequency (GHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
2.4835	Horizontal	34.5	-6.5	28.0	54.0	26.0	Complied

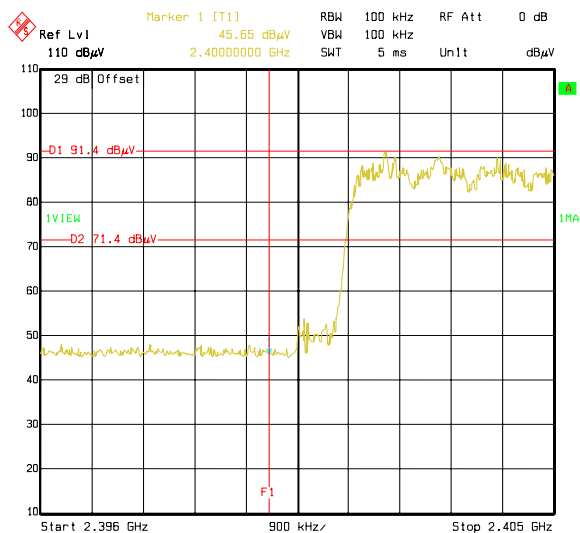
Note(s):

1. * -20 dBc limit

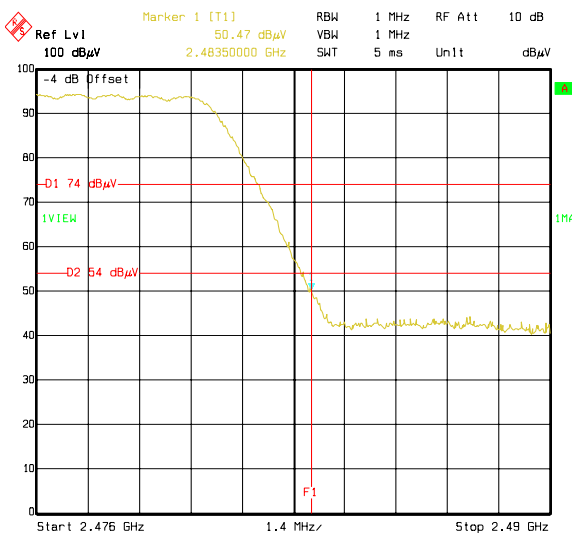
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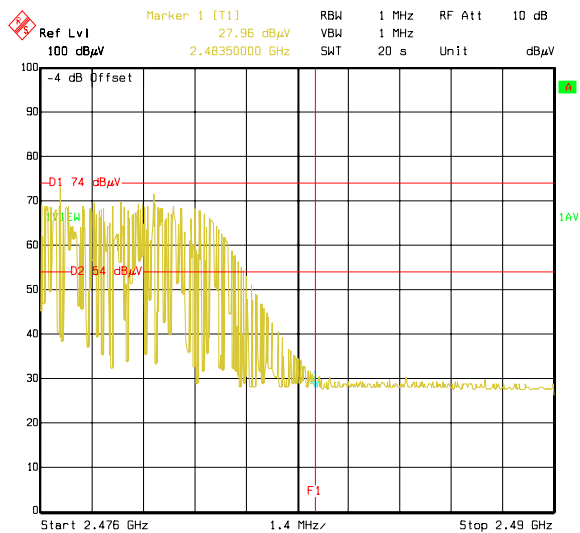
Transmitter Band Edge Radiated Emissions (Continued)



Title: 73256JD11
Comment A: TX BAND EDGE, EDR HOPPING, BOTTOM CHANNEL, PEAK
Date: 08.APR.2008 12:51:30



Title: 73256JD11
Comment A: TX BAND EDGE, EDR HOPPING, TOP CHANNEL, PEAK
Date: 08.APR.2008 13:08:33



Title: 73256JD11
Comment A: TX BAND EDGE, EDR HOPPING, TOP CHANNEL, AVERAGE
Date: 08.APR.2008 13:11:56

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Transmitter Band Edge Radiated Emissions (Continued)

Results:

Mode Peak Power Level – EDR Static Mode:

Frequency (GHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
2.4000	Horizontal	53.1	-6.5	46.6	*71.4	24.8	Complied
2.4835	Horizontal	57.1	-6.5	50.6	74.0	23.4	Complied

Mode Average Power Level – EDR Static Mode:

Frequency (GHz)	Antenna Polarity	Detector Level (dB μ V)	Transducer Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
2.4835	Horizontal	44.9	-6.5	38.4	54.0	15.6	Complied

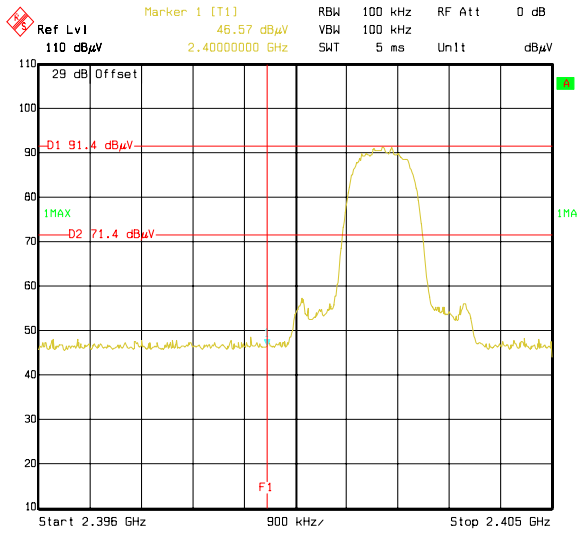
Note(s):

1. * -20 dBc limit

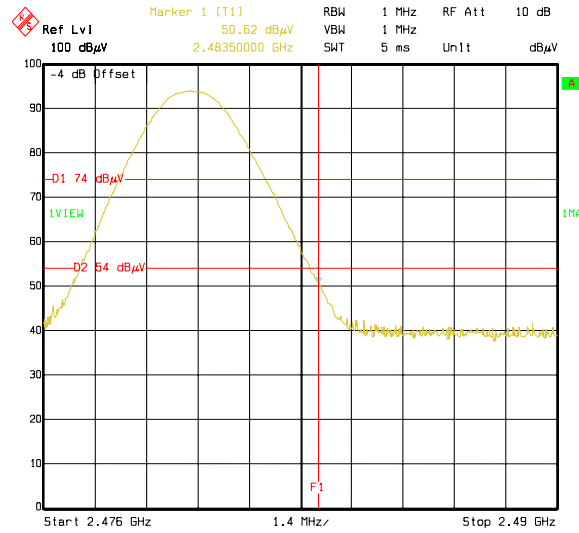
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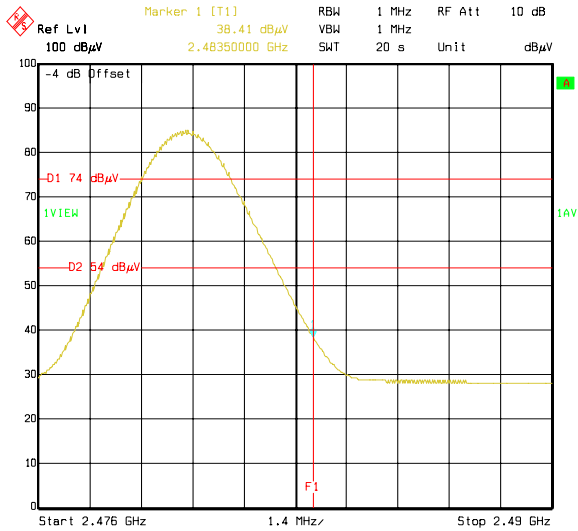
Transmitter Band Edge Radiated Emissions (Continued)



Title: 73256JD11
Comment A: TX BAND EDGE, EDR STATIC, BOTTOM CHANNEL, PEAK
Date: 08.APR.2008 12:48:54



Title: 73256JD11
Comment A: TX BAND EDGE, EDR STATIC, TOP CHANNEL, PEAK
Date: 08.APR.2008 13:21:57



Title: 73256JD11
Comment A: TX BAND EDGE, EDR STATIC, TOP CHANNEL, AVERAGE
Date: 08.APR.2008 13:23:01

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8. Measurement Uncertainty

No measurement or test can ever be perfect and the imperfections give rise to error of measurement in the results. Consequently, the result of a measurement is only an approximation to the value of the measurand (the specific quantity subject to measurement) and is only complete when accompanied by a statement of the uncertainty of the approximation.

The expression of uncertainty of a measurement result allows realistic comparison of results with reference values and limits given in specifications and standards.

The uncertainty of the result may need to be taken into account when interpreting the measurement results.

The reported expanded uncertainties below are based on a standard uncertainty multiplied by an appropriate coverage factor, such that a confidence level of approximately 95% is maintained. For the purposes of this document “approximately” is interpreted as meaning “effectively” or “for most practical purposes”.

Measurement Type	Range	Confidence Level (%)	Calculated Uncertainty
AC Conducted Spurious Emissions	0.15 MHz to 30 MHz	95%	+/- 3.25 dB
Transmitter Maximum Peak Output Power	Not applicable	95%	+/- 2.94 dB
Conducted Emissions Antenna Port	30 MHz to 40 GHz	95%	+/- 2.62 dB
Transmitter Carrier Frequency Separation	Not applicable	95%	+/- 0.01 ppm
Transmitter Average Time of Occupancy	Not applicable	95%	+/- 10 %
20 dB Bandwidth	Not applicable	95%	+/- 0.12 %
Radiated Spurious Emissions	30 MHz to 1000 MHz	95%	+/- 5.26 dB
Radiated Spurious Emissions	1 GHz to 40 GHz	95%	+/- 2.94 dB

The methods used to calculate the above uncertainties are in line with those recommended within the various measurement specifications. Where measurement specifications do not include guidelines for the evaluation of measurement uncertainty, the published guidance of the appropriate accreditation body is followed.

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Appendix 1. Test Equipment Used

RFI No.	Instrument	Manufacturer	Type No.	Serial No.	Date Last Calibrated	Cal. Interval (Months)
A028	Antenna	Eaton	91888-2	304	08 Jun 2006	36
A031	Antenna	Eaton	91889-2	557	08 Jun 2006	36
A067	Line Impedance Stabilization Network	Rohde & Schwarz	ESH3-Z5	890603/002	23 Apr 2007	12
A1037	Antenna	Chase EMC Ltd	CBL6112B	2413	13 Feb 2008	12
A1391	Attenuator	HUBER + SUHNER AG	757987	6810.17.B	Calibrated before use	-
A1534	Pre Amplifier	Hewlett Packard	8449B OPT H02	3008A00405	Calibrated before use	-
A1829	Pulse Limiter	Rhode & Schwarz	ESH3-Z2	100671	16 Jan 2008	12
A253	Antenna	Flann Microwave	12240-20	128	17 Nov 2006	36
A254	Antenna	Flann Microwave	14240-20	139	17 Nov 2006	36
A255	Antenna	Flann Microwave	16240-20	519	17 Nov 2006	36
A256	Antenna	Flann Microwave	18240-20	400	17 Nov 2006	36
A436	Antenna	Flann	20240-20	330	24 Apr 2006	36
A490	Antenna	Chase	CBL6111A	1590	07 Feb 2008	12
C1167	Cable	Rosenberger Micro-Coax	FA210A1030007 070	43190-01	05 Jun 2007	12
C1265	Cable	Rosenberger	FA210A1020007 070	49317-01	20 Apr 2008	12
C151	Cable	Rosenberger	UFA210A-1-1181-70x70	None	20 Apr 2008	12
C160	Cable	Rosenberger	UFA210A-1-1181-70x70	None	20 Apr 2008	12
C172	Cable	Rosenberger	UFA210A-1-1181-70x70	None	Calibrated before use	-
C348	Cable	Rosenberger	UFA210A-1-1181-70x70	2993	20 Apr 2008	12

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Test Equipment Used (Continued)

RFI No.	Instrument	Manufacturer	Type No.	Serial No.	Date Last Calibrated	Cal. Interval (Months)
M1124	Spectrum Analyser	Rohde & Schwarz	ESIB26	100046K	19 Feb 2008	12
M1242	Spectrum Analyser	Rohde & Schwarz, Inc.	FSEM30	845986/022	29 Nov 2007	12
M1263	Test Receiver	Rohde & Schwarz	ESIB7	100265	06 Feb 2008	12
M1273	Test Receiver	Rhode & Schwarz	ESIB 26	100275	26 Feb 2008	12
S202	Site 2	RFI	2	S202-15011990	28 Jan 2008	12
S207	Site 7	RFI	7	None	Calibration not required	-
S209	Anechoic Chamber	RFI	9	None	Verified before use	-
S212	Emissions Screened Room	RFI	12	None	Verified before use	-

NB In accordance with UKAS requirements, all the measurement equipment is on a calibration schedule.

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Appendix 2. Test Configuration Drawings

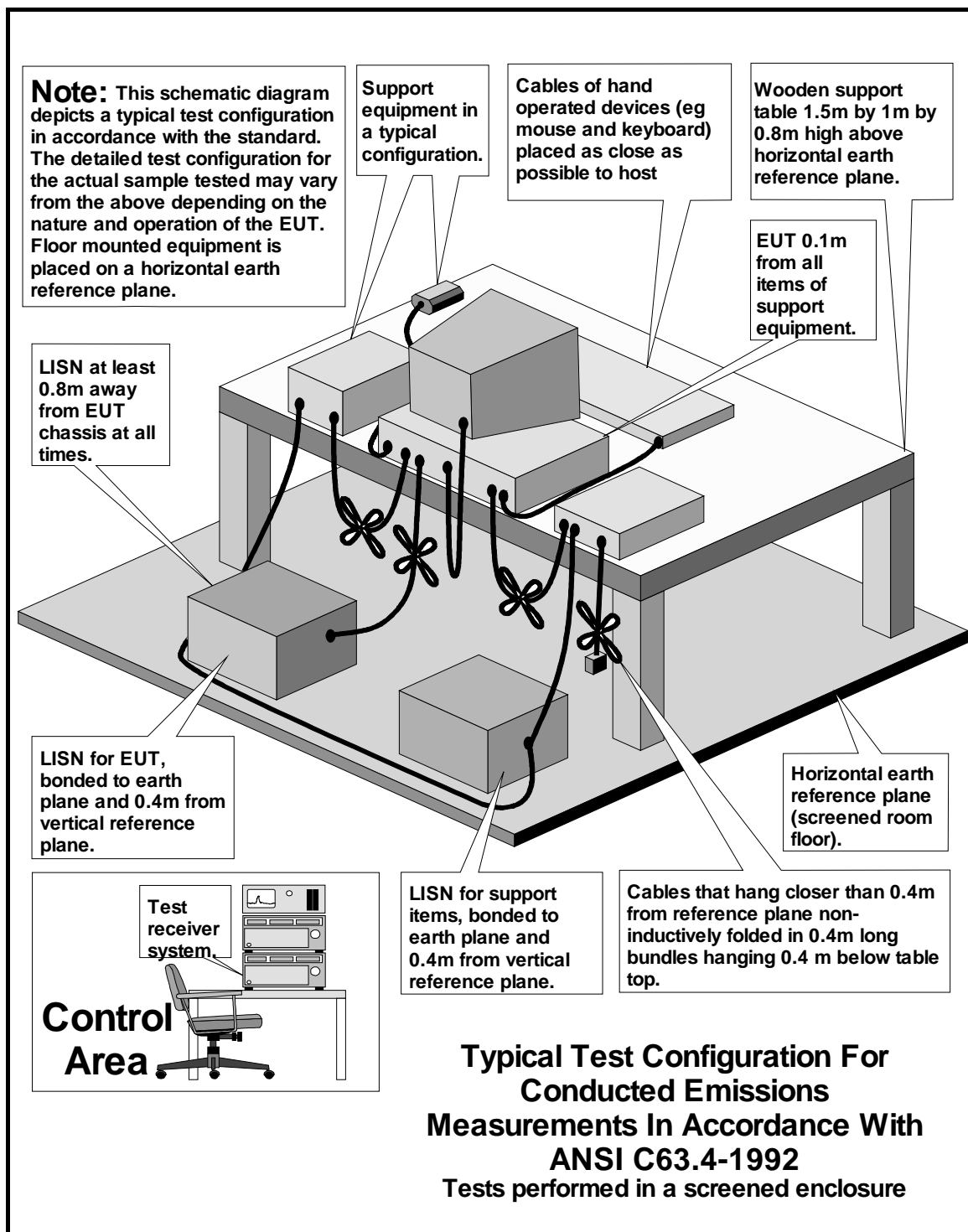
This appendix contains the following drawings:

Drawing Reference Number	Title
DRG\73256JD11\EMICON	Test configuration for measurement of conducted emissions.
DRG\73256JD11\EMIRAD	Test configuration for measurement of radiated emissions.

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DRG\73256JD11\EMIRAD

