



**TEST REPORT
FROM
RFI GLOBAL SERVICES LTD**

Test of: Datalogic Scanning group S.r.l.
Dragon M131

To: FCC Part 15 Subpart C: 2007 (Sections 15.249)

Test Report Serial No:
RFI/RPTE1/RP49770JD01A

This Test Report Is Issued Under The Authority Of Steve Flooks, Service Leader RPG:		 pp Brian Watson
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1. Client Information

Company Name:	Datalogic Scanning group S.r.l.
Address:	Via Candini, 2 Lippo di Calderara di Reno Bologna 40012 Italy
Contact Name:	Mr R Cacioppo

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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 client:

2.1. Identification of Equipment Under Test (EUT)

Description:	Bar Code Reader
Brand Name:	Dragon
Model Name or Number:	Dragon M131
Serial Number:	None Stated
FCC ID:	U4F0015
Country of Manufacture:	Italy
Date of Receipt:	18 December 2007

2.2. Accessories

The following accessories were supplied with the EUT:

Description:	AC/DC Power Supply
Brand Name:	Alpha Electronica
Model Number:	PG 12-10
Serial Number:	None stated
Cable Length and Type:	2m 2 core and 2.5m 2 core
Connected to Port:	DC connector to AC supply

Description:	Cradle
Brand Name:	Dragon
Model Name or Number:	OM – 3000 910 MHz
Serial Number:	None stated
Cable Length and Type:	Not Applicable
Connected to Port:	Not Applicable

2.3. Description of EUT

The equipment under test is a bar code reader, with radio capability.

2.4. Modifications Incorporated in the EUT

During the course of testing the EUT was not modified.

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2.5. Additional Information Related to Testing

Power Supply Requirement:	Internal battery of 4.2 V DC	
Intended Operating Environment:	Commercial Light Industry	
Equipment Category:	Short Range (Low Power)	
Type of Unit:	Portable (Standalone battery powered device) Transceiver	
Interface Ports:	Contact connectors, direct to Cradle	
Transmitter Frequency Range:	Not Applicable (Single Channel)	
Transmitter Channels Tested:	Channel ID	Channel Frequency (MHz)
	Single	910
Receiver Frequency Range:	Not Applicable (Single Channel)	
Receiver Channels Tested:	Channel ID	Channel Frequency (MHz)
	Single	910

The EUT operates on a single channel with frequency modulation, between 909.955 MHz and 910.045 MHz.

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3. Test Specification, Methods and Procedures

3.1. Test Specifications

Reference:	FCC Part 15 Subpart C: 2007 (Sections 15.249).
Title:	Code of Federal Regulations, Part 15 (47CFR215) Radio Frequency Devices.
Comments:	A description of the test facility used for this test is on file with, and has been accepted by, the Federal Communications Commission as required by Section 2.948 of Federal Rules.
Purpose of Test:	To determine whether the equipment complied with the requirements of the specification for the purposes of certification.

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.

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.

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 of the EUT During Testing

5.1. Operating Modes

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

- During the transmit tests, the EUT was continuously transmitting.
- During the non-transmit tests tests, the EUT transmitter was off (Receiver Mode).

5.2. Configuration and Peripherals

The EUT was tested in the following configuration:

- During conducted AC emissions tests, the EUT was tested with the cradle device.
- During radiated measurements, the EUT was tested stand alone.

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6. Summary of Test Results

Range of Measurements	Section Reference	Port Type	Compliance Status
Receiver AC Conducted Spurious Emissions (150 kHz to 30 MHz)	FCC Part 15: 2007 Section 15.107	AC Mains Input	Complied
Transmitter AC Conducted Spurious Emissions (150 kHz to 30 MHz)	FCC Part 15: 2007 Section 15.207	AC Mains Input	Complied
Receiver Radiated Spurious Emissions	FCC Part 15: 2007 Section 15.109	Enclosure	Complied
Transmitter Fundamental Fieldstrength	FCC Part 15: 2007 Section 15.249(a)	Antenna	Complied
Transmitter 20 dB Bandwidth	FCC Part 2: 2007	Antenna	Complied
Transmitter Radiated Spurious Emissions	FCC Part 15: 2007 Section 15.249(a)(d)(e) & 15.209	Antenna	Complied
Transmitter Band Edge Radiated Emissions	FCC Part 15: 2007 Section 15.249(d) & 15.209	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, England.

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7. Measurements, Examinations and Derived Results

7.1. General Comments

7.1.1. This section contains test results only.

7.1.2. 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. Receiver AC Conducted Spurious Emissions: Section 15.207

7.2.1.1. The EUT was configured for AC conducted emissions measurements as described in Section 9 of this report.

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

Results:

Quasi-Peak Detector Measurements on Live and Neutral Lines

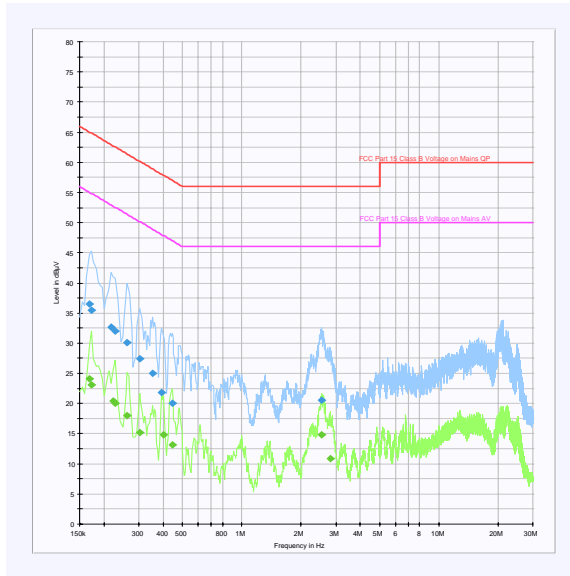
Frequency (MHz)	Line	Level (dB μ V)	Limit (dB μ V)	Margin (dB)	Result
0.168000	Neutral	36.5	65.1	28.6	Complied
0.172500	Neutral	35.5	64.8	29.3	Complied
0.217500	Neutral	32.7	62.9	30.2	Complied
0.226500	Neutral	32.0	62.6	30.6	Complied
0.262500	Neutral	30.1	61.4	31.3	Complied
0.303000	Neutral	27.4	60.2	32.8	Complied
0.352500	Neutral	24.9	58.9	34.0	Complied
0.393000	Neutral	21.9	58.0	36.1	Complied
0.442500	Live	20.0	57.0	37.0	Complied
2.539500	Live	20.6	56.0	35.4	Complied

Average Detector Measurements on Live and Neutral Lines

Frequency (MHz)	Line	Level (dB μ V)	Limit (dB μ V)	Margin (dB)	Result
0.168000	Neutral	24.1	55.1	31.0	Complied
0.172500	Neutral	23.1	54.8	31.7	Complied
0.222000	Neutral	20.4	52.7	32.3	Complied
0.226500	Neutral	20.0	52.6	32.6	Complied
0.262500	Neutral	18.0	51.4	33.4	Complied
0.303000	Neutral	15.2	50.2	35.0	Complied
0.402000	Neutral	14.8	47.8	33.0	Complied
0.442500	Neutral	13.1	47.0	33.9	Complied
2.548500	Live	14.8	46.0	31.2	Complied
2.818500	Live	10.8	46.0	35.2	Complied

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Receiver AC Conducted Spurious Emissions: Section 15.207 (Continued)



Note: This plot is a pre-scan and for indication purposes only. For final measurements, see accompanying tables.

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7.2.2. Transmitter AC Conducted Spurious Emissions: Section 15.207

7.2.2.1. The EUT was configured for AC conducted emissions measurements as described in Section 9 of this report.

7.2.2.2. Tests were performed to identify the maximum emission levels on the AC mains line of the EUT.

Results:

Quasi-Peak Detector Measurements on Live and Neutral Lines

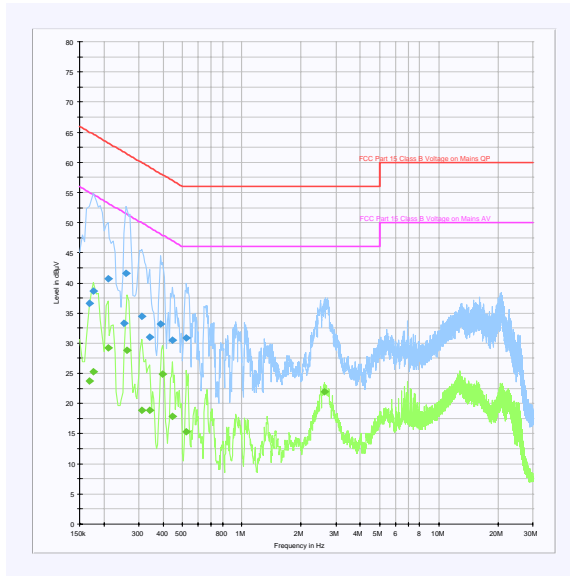
Frequency (MHz)	Line	Level (dB μ V)	Limit (dB μ V)	Margin (dB)	Result
0.168000	Live	36.6	65.1	28.5	Complied
0.177000	Live	38.7	64.6	25.9	Complied
0.208500	Neutral	40.7	63.3	22.6	Complied
0.253500	Live	33.3	61.6	28.3	Complied
0.258000	Live	41.6	61.5	19.9	Complied
0.312000	Live	34.5	59.9	25.4	Complied
0.339000	Neutral	31.1	59.2	28.1	Complied
0.388500	Live	33.2	58.1	24.9	Complied
0.442500	Live	30.5	57.0	26.5	Complied
0.523500	Live	30.8	56.0	25.2	Complied

Average Detector Measurements on Live and Neutral Lines

Frequency (MHz)	Line	Level (dB μ V)	Limit (dB μ V)	Margin (dB)	Result
0.168000	Live	23.7	55.1	31.4	Complied
0.177000	Live	25.3	54.6	29.3	Complied
0.208500	Neutral	29.2	53.3	24.1	Complied
0.262500	Live	28.8	51.4	22.6	Complied
0.312000	Live	18.9	49.9	31.0	Complied
0.339000	Neutral	18.9	49.2	30.3	Complied
0.397500	Neutral	24.9	47.9	23.0	Complied
0.442500	Neutral	17.9	47.0	29.1	Complied
0.523500	Live	15.4	46.0	30.6	Complied
2.616000	Live	21.9	46.0	24.1	Complied

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Transmitter AC Conducted Spurious Emissions: Section 15.207 (Continued)



Note: This plot is a pre-scan and for indication purposes only. For final measurements, see accompanying tables.

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7.2.3. Receiver Radiated Spurious Emissions: Section 15.109**7.2.4. Electric Field Strength Measurements (Frequency Range: 30 MHz to 1000 MHz)**

7.2.4.1. The EUT was configured for radiated emissions testing, as described in Section 8 of this report.

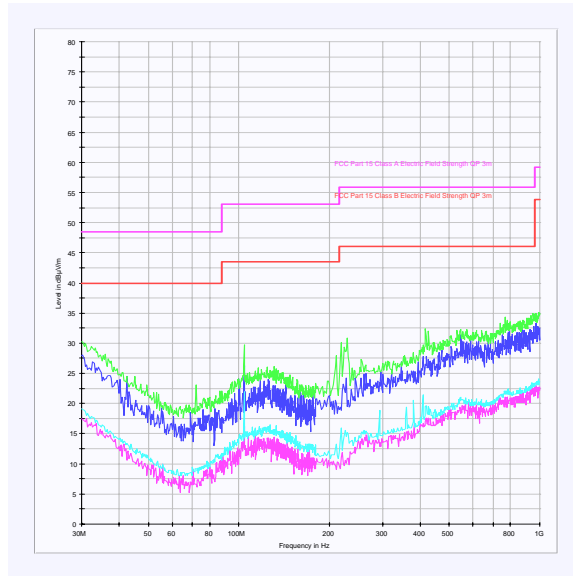
7.2.4.2. Tests were performed to identify the maximum receiver or standby radiated emission levels.

Results:

Frequency (MHz)	Antenna Polarity	Q-P Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
1000	Vertical	35.0	54.0	19.0	Complied

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Receiver Radiated Spurious Emissions: Section 15.109 (Continued)



Note: This plot is a pre-scan and for indication purposes only. For final measurements, see accompanying tables.

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7.2.5. Receiver Radiated Spurious Emissions: Section 15.109 (Continued)**7.2.6. Electric Field Strength Measurements (Frequency Range: 1 GHz to 5 GHz)****Results:****Highest Peak Level:**

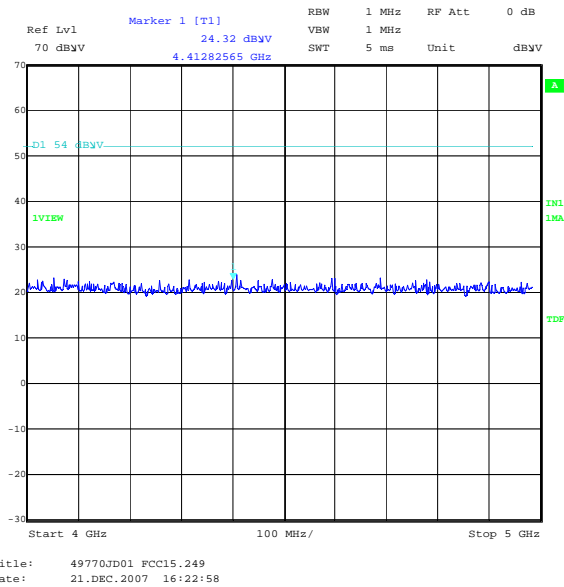
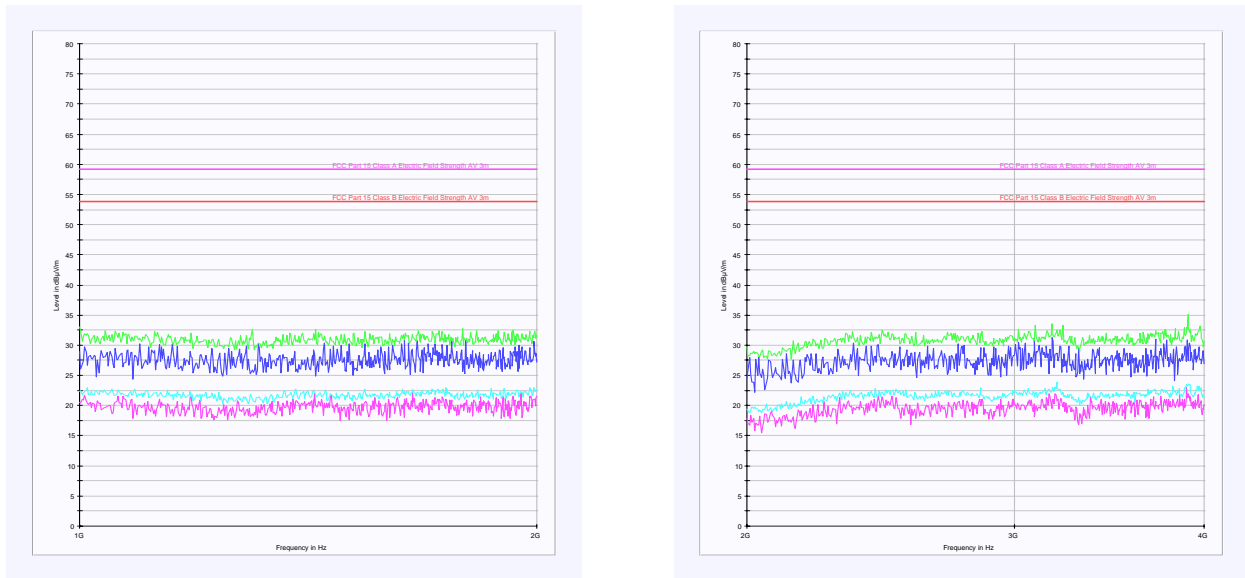
Frequency (MHz)	Antenna Polarity	Detector Level (dB μ V)	Antenna Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
3901.225	Vertical	41.5	-6.5	35.0	54.0	19.0	Complied

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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Receiver Radiated Spurious Emissions: Section 15.109 (Continued)



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

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7.2.7. Transmitter Fundamental Fieldstrength Section 15.249(a)

7.2.7.1. The EUT was configured for radiated emissions testing, as described in Section 8 of this report.

7.2.7.2. Tests were performed to identify the maximum field strength of the fundamental frequency.

Results:

Battery Powered Devices

Frequency (MHz)	Antenna Polarity	Q-P Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
910	Vertical	88.0	94.0	6.0	Complied

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7.2.8. Transmitter 20 dB Bandwidth: Section 2.1049

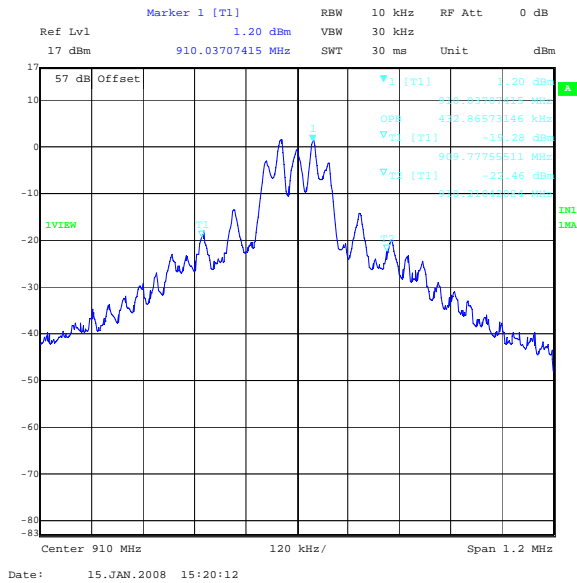
7.2.8.1. The EUT was configured for 20 dB bandwidth measurements, as described in Section 8 of this report.

7.2.8.2. Tests were performed to identify the 20 dB bandwidth.

Results:

Transmitter 20 dB Bandwidth (kHz)
432.866

Transmitter 20 dB Bandwidth: Section 2.1049 (Continued)



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7.2.9. Transmitter Radiated Emissions: Section 15.249(a)(d)(e) & Section 15.209**7.2.10. Electric Field Strength Measurements: 30 MHz to 1000 MHz**

7.2.10.1. The EUT was configured for radiated emissions testing, as described in Section 8 of this report.

7.2.10.2. Tests were performed to identify the maximum radiated spurious emission levels.

Results:

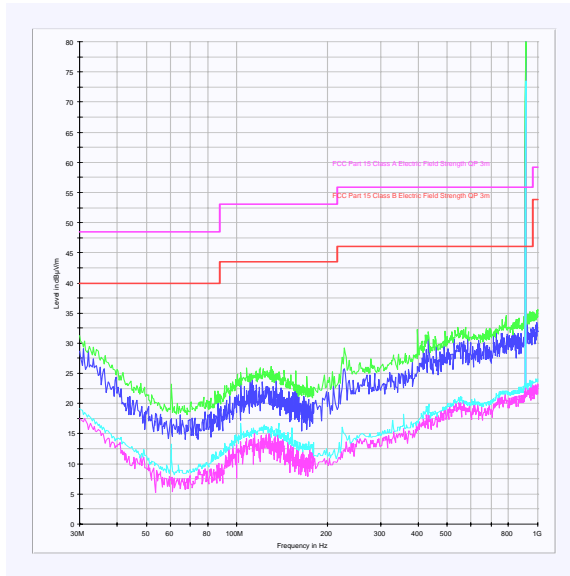
Frequency (MHz)	Antenna Polarity	Q-P Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
1000	Vertical	36.0	54.0	19.0	Complied

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.*
- Please note the large high frequency emission shown on the plot is actually the EUT carrier frequency.*

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Transmitter Radiated Emissions: Section 15.249(a)(d)(e) & Section 15.209 (Continued)



Note: This plot is a pre-scan and for indication purposes only. For final measurements, see accompanying tables.

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Transmitter Radiated Emissions: Section 15.249(a)(d)(e) & Section 15.209 (Continued)

7.2.11. Electric Field Strength Measurements (Frequency Range: 1 to 10 GHz)

Results:

Highest Peak Level:

Frequency (MHz)	Antenna Polarity	Detector Level (dB μ V)	Antenna Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
1821.452	Vertical	62.9	-6.4	56.5	74.0	17.5	Complied

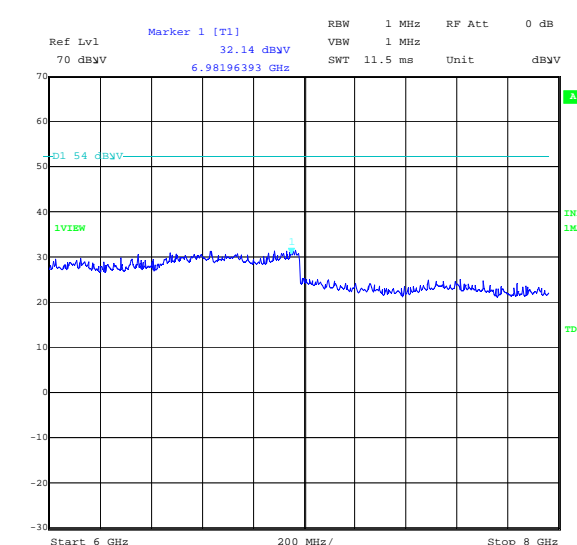
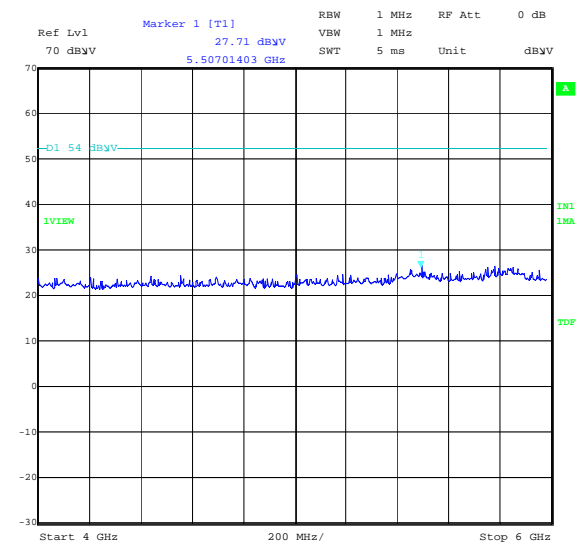
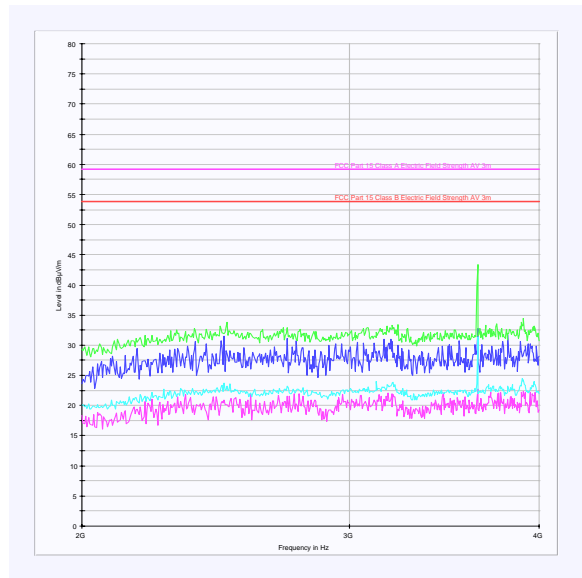
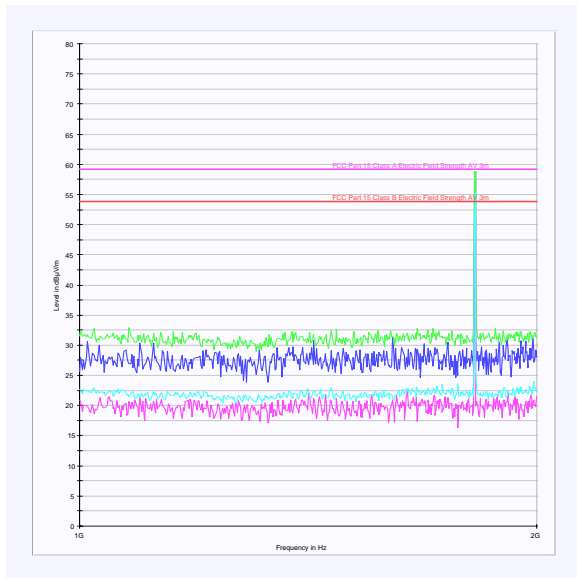
**Note: Part 15.209 limit applies*

Highest Average Level:

Frequency (MHz)	Antenna Polarity	Detector Level (dB μ V)	Antenna Factor (dB)	Actual Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
1821.452	Vertical	58.9	-6.4	52.5	54.0	1.5	1821.452

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Transmitter Radiated Emissions: Section 15.249(a)(d)(e) & Section 15.209 (Continued)



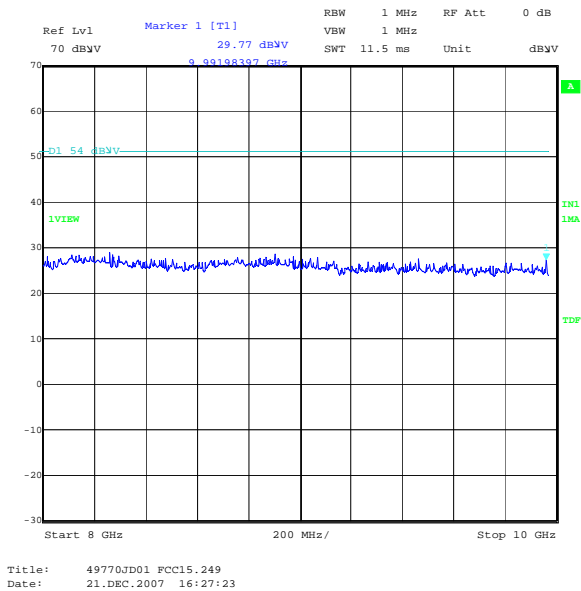
Title: 49770JD01 FCC15.249
 Date: 21.DEC.2007 16:21:40

Title: 49770JD01 FCC15.249
 Date: 21.DEC.2007 16:25:22

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

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

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7.2.12. Transmitter Radiated Emissions at Band Edges: Section 15.249(d) & 15.209

7.2.12.1. The EUT was configured for transmitter radiated emissions testing, as described in Section 8 of this report.

7.2.12.2. Tests were performed to identify the maximum emissions level at the band edges of the frequency band that the EUT will operate over.

Results:

Bottom Band Edge

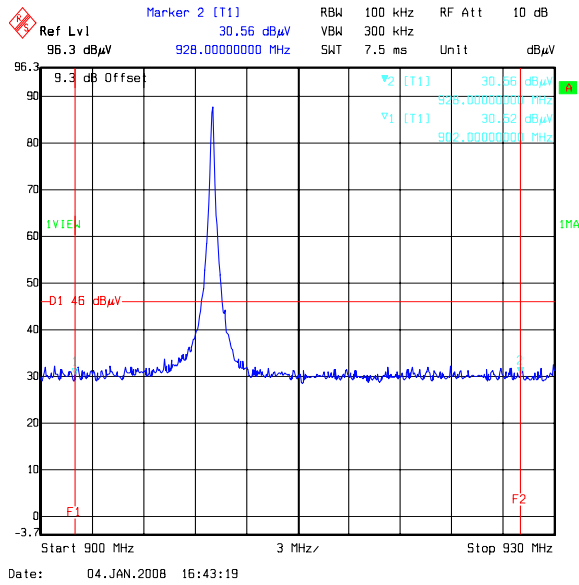
Frequency (MHz)	Q-P Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
902	30.5	46.0	15.5	Complied

Top Band Edge

Frequency (MHz)	Q-P Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Result
928	30.5	46.0	15.5	Complied

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Transmitter Radiated Emissions at Band Edges: Section 15.249(d) & 15.209 (Continued)



Note: During this measurement, the transmit signal was modulated.

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8. Measurement Methods

8.1. AC Mains Conducted Emissions

AC mains conducted emissions measurements were performed in accordance with the standard, against appropriate limits for each detector function.

The test was performed in a shielded enclosure with the equipment arranged as detailed in the standard on a wooden bench using the floor of the screened enclosure as the ground reference plane. The EUT was powered with 115V 60 Hz AC mains supplied via a Line Impedance Stabilisation Network (LISN).

Initial measurements in the form of swept scans covering the entire measurement band were performed in order to identify frequencies on which the EUT was generating interference. In order to minimise the time taken for these swept measurements, a Peak detector was used in conjunction with the appropriate detector IF measuring bandwidths (see table below). Repetitive scans were performed to allow for emissions with low repetition rates, and the duty cycle of the EUT. The test configuration was the same for the initial scans as for the final measurements.

Following the initial scans, a graph was produced giving an overview of the emissions from the EUT plotted against the appropriate specification limit. A tolerance line was set 6 dB below the specification limit and levels above the tolerance line were re-tested (at individual frequencies) using the appropriate detector function.

The test equipment settings for conducted emissions measurements were as follows:

Receiver Function	Initial Scan	Final Measurements
Detector Type:	Peak	Quasi-Peak (CISPR)/Average
Mode:	Max Hold	Not applicable
Bandwidth:	10 kHz	9 kHz
Amplitude Range:	60 dB	20 dB
Measurement Time:	Not applicable	> 1 s
Observation Time:	Not applicable	> 15 s
Step Size:	Continuous sweep	Not applicable
Sweep Time:	Coupled	Not applicable

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8.2. Radiated Emissions

Radiated emissions measurements were performed in accordance with the standard, against appropriate limits for each detector function.

Initial measurements covering the entire measurement band in the form of swept scans in a shielded enclosure were performed in order to identify frequencies on which the EUT was generating interference. This determined the frequencies on which the EUT should be re-measured in full on the open area test site. In order to minimise the time taken for the swept measurements, a Peak detector was used in conjunction with the appropriate detector IF measuring bandwidth (see table below). Repetitive scans were performed to allow for emissions with low repetition rates.

The initial scans were performed using an antenna height of 1.5 m and a measurement distance of 3 m. Following the initial scans, graphs were produced giving an overview of the emissions from the EUT plotted against the appropriate specification limit. Any emission within 20 dB of the limit were then measured on the open area test site, except in cases where the noise floor was within 20 dB of the limit, in these cases the highest point of the noise floor was measured.

In either case the measurement was made at the appropriate distance using a measuring receiver with a Quasi-Peak detector for measurements below 1000 MHz and an Average detector for measurements above 1000 MHz. For the final measurements the EUT was arranged on a non-conducting turn table on a standard test site compliant with ANSI C63.4 – 2001 Clause 5.4.

All measurements on the open area test site were performed using broadband antennas.

On the open area test site, at each frequency where a signal was to be measured, the trace was maximised by rotating a turntable through 360°. The angle at which the maximum signal was observed was locked out. For frequencies below 1000 MHz the test antenna was varied in height between 1 m and 4 m in order to further maximise the target emission.

For frequencies above 1000 MHz where a horn antenna was used, height searching was performed to locate the optimal height of the horn with respect to the EUT. At this point the horn was locked off and the turntable was again rotated through 360° to maximise the target signal. It should be noted that the received signal from the EUT would diminish very quickly after it exits the beam width of the horn antenna, for this reason it may not be necessary to fully height search with the horns.

At this point, any signals found to be between the limit and a level 6 dB below it were further maximised by changing the configuration of the EUT, e.g. re-routing cables to peripherals and moving peripherals with respect to the EUT.

Scans were performed to the upper frequency limits as stated in Section 15.33

The final field strength was determined as the indicated level in dB μ V plus cable loss and antenna factor.

The test equipment settings for radiated emissions measurements were as follows:

Receiver Function	Initial Scan	Final Measurements Below 1 GHz	Final Measurements Above 1 GHz
Detector Type:	Peak	Quasi-Peak (CISPR)	Peak / Average
Mode:	Max Hold	Not applicable	Max Hold
Bandwidth:	(120 kHz < 1 GHz) (1 MHz > 1 GHz)	120 kHz	1 MHz
Amplitude Range:	100 dB	100 dB	100 dB
Step Size:	Continuous sweep	Not applicable	Not applicable
Sweep Time:	Coupled	Not applicable	Not applicable

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8.3. Transmitter 20 dB Bandwidth

The EUT and spectrum analyser was configured for transmitter radiated emissions measurements.

To determine the occupied bandwidth, a resolution bandwidth of 10 kHz was used, which is greater than 1% of the 20 dB bandwidth. A video bandwidth of at least the same value was used. The analyser was set for a maximum hold scan to capture the profile of the signal. The peak level was then determined, and a reference line was drawn 20 dB below the peak level. The bandwidth was determined at the points where the 20 dB reference crossed the profile of the emission.

Measurements were performed to determine the Occupied Bandwidth in accordance with FCC Part 2.1049. The Occupied Bandwidth was measured from the fundamental emission at the bottom and top channels. The Occupied Bandwidth was measured in line with the requirements of 2.1049 i.e. with the EUT modulated with a signal representing the maximum rated conditions under which it will operate (worst case)

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9. Measurement Uncertainty

9.1. 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.

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

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

9.4. 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
Occupied Bandwidth	N/A	95%	+/- 0.12 %
Transmitter Fundamental Field strength	N/A	95%	+/- 5.26 dB
Radiated Spurious Emissions	30 MHz to 1000 MHz	95%	+/- 5.26 dB
Radiated Spurious Emissions	1 GHz to 40 GHz	95%	+/- 1.78 dB

9.5. 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
A1037	Green Bilog Antenna	Chase EMC Ltd	CBL6112B	2413	20 Sep 2006	12
A1059	Waveguide Transition	Flann Microwave	22094-KF20	2017	Calibration not required	-
A1069	Single Phase LISN	Rohde & Schwarz	ESH3-Z5	837469/012	09 Feb 2007	12
A1227	Pre Amplifier	Agilent	8449B	3008A01566	03 Sep 2007	12
A1534	Pre Amplifier	Hewlett Packard	8449B OPT H02	3008A00405	Calibrated before use	-
A1830	Pulse Limiter	Rhode & Schwarz	ESH3-Z2	100668	08 February 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
A428	Antenna	Flann	12240-20	134	17 Nov 2006	36
C1155	Cable	Huber & Suhner	Sucoflex 104PA	1522/4PA	Calibrated before use	-
C1161	Cable	Rosenberger	05 42448-1	33	19 Aug 2005	12
C1165	Cable	Rosenberger Micro-Coax	FA210A102000 7070	43189-1	05 Jun 2007	12

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Test Equipment Used (Continued)

RFI No.	Instrument	Manufacturer	Type No.	Serial No.	Date Last Calibrated	Cal. Interval (Months)
C151	Cable	Rosenberger	UFA210A-1-1181-70x70	None	22 Sep 2005	12
C160	Cable	Rosenberger	UFA210A-1-1181-70x70	None	29 Jan 2005	12
C340	Cable	Andrews	None	None	30 Jan 2005	12
C348	Cable	Rosenberger	UFA210A-1-1181-70x70	2993	29 Jan 2005	12
C363	Cable	Rosenberger	RG142	None	29 Jan 2005	12
M1124	Spectrum Analyser	Rohde & Schwarz	ESIB26	100046K	20 Dec 2006	12
M1128	Power Meter	Rohde & Schwarz	URY-Z2	836505/23	17 Sep 2004	12
M1263	Test Receiver	Rohde & Schwarz	ESIB7	100265	25 Jan 2007	12
M127	Spectrum Analyser	Rohde & Schwarz	FSEB 30	842 659/016	15 Aug 2007	12
S202	Site 2	RFI	2	S202-15011990	17 Nov 2006	12
S207	Site 7	RFI	7	None	Calibration not required	-
S212	Emissions Screened Room	RFI	12	None	Calibrated before use	-

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

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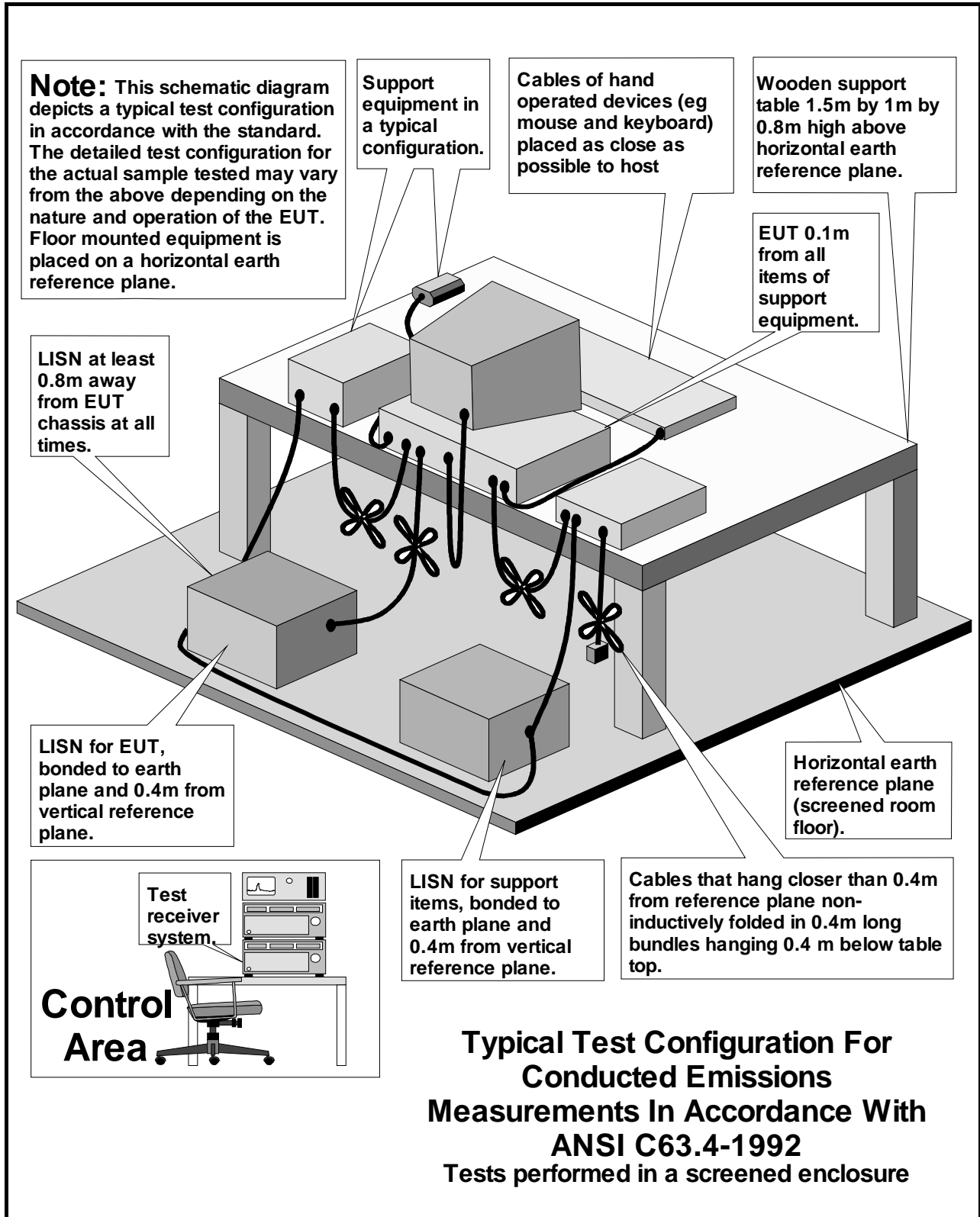
Appendix 2. Test Configuration Drawings

This appendix contains the following drawings:

Drawing Reference Number	Title
DRG\49770JD01\EMICON	Test configuration for measurement of conducted emissions.
DRG\49770JD01\EMIRAD	Test configuration for measurement of radiated emissions.

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DRG49770JD01\EMIRAD

