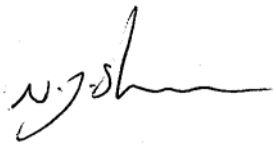
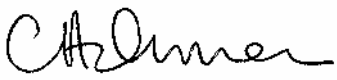
TEST REPORT
FROM
RFI GLOBAL SERVICES LTD

Test of: GE Security
1059822 ActiveKEY Modem Board

To: FCC Part 15.107 and Part 15.109

Test Report Serial No:
RFI/EMCE1/RP72510JD02A

This Test Report Is Issued Under The Authority Of Andrew Coombes, EMC Service Leader: 	
Tested By: Nathan Shaw 	**Checked By: Claire Ashman** 
Report Copy No: PDF01	
Issue Date: 05 July 2007	**Test Dates: 27 June 2007**

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This report may be copied in full. The results in this report apply only to the sample(s) tested.

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Registered in England and Wales. Company number:2117901

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1. Client Information

Company Name:	GE Security
Address:	4001 Fairview Industrial Drive Salem OR 97302 USA
Contact Name:	Mr J Speir

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:	Active Key
Brand Name:	GE Security
Model Name or Number:	1059822 ActiveKEY Modem Board
Serial Number:	Test Sample 1
Hardware Version Number:	Rev 8
Software Version Number:	0.98
FCC ID Number:	TCZ-1059822
Country of Manufacture:	USA
Date of Receipt:	27 June 2007

2.2. Accessories

The following accessories were supplied with the EUT:

Description:	AC Charger
Brand Name:	LE1
Model Name or Number:	410608003CT
Serial Number:	E82456
Cable Length And Type:	2m, 2 Core
Connected to Port:	DC Input

2.3. Description of EUT

The equipment under test is a real estate key with a GPRS Data Modem.

2.4. Modifications Incorporated in the EUT

During the course of testing the EUT was not modified.

2.5. Additional Information Related to Testing

Equipment Category:	GSM 850/GSM 1900
Weight:	50g
Dimensions:	50 x 80 x 20mm
Transmit Output Power Characteristics:	GSM 850: +33dBm GSM 1900: +30dBm
Alignment Range:	
Transmitter	GSM 850: 824 to 849 MHz GSM 1900: 1850 to 1910 MHz
Receiver	GSM 850: 869 to 894 MHz GSM 1900: 1930 to 1990 MHz
Allocated (Test) Frequency:	
Transmitter	GSM 850: 190 (836.6 MHz) GSM 1900: 660 (1879.8 MHz)
Receiver	GSM 850: 190 (881.6 MHz) GSM 1900: 660 (1959.8 MHz)
Power Supply Requirement:	
AC Supply (Volts)	Nominal 110 V, 60 Hz AC Mains Supply
Internal Battery Supply (Volts)	3.6 Nominal
Intended Operating Environment:	Commercial
Cycle Time:	Less than 1 second

2.6. Port Identification

Port	Description	Type	Applicable
1	Enclosure	-	Yes
2	AC Mains	2m, 2 Core	Yes

2.7. Support Equipment

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

3. Test Specification, Methods and Procedures

3.1. Test Specification

Reference:	FCC Part 15: 2001 Class B
Title:	Code of Federal Regulations, Part 15 (47CFR15) Radio Frequency Devices: Digital 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 verification.

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 (2004)
Title: American National Standard for the Calibration of antennas used for Radiated Emission measurements in Electromagnetic Interference (EMI) control.

ANSI C63.7 (2005)
Title: American National Standard Guide for Construction of Open Area Test Sites for performing Radiated Emission Measurements.

CISPR 16-1-1 (2004)
Title: Specification for radio disturbance and immunity measuring apparatus and methods. Part 1. Radio disturbance and immunity measuring apparatus – Measuring Apparatus.

CISPR 16-1-4 (2005)
Title: Specification for radio disturbance and immunity measuring apparatus and methods. Part 1. Radio disturbance and immunity measuring apparatus – Radiated Disturbances.

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.

5. Operation of the EUT during Testing

5.1. Operating Modes

The EUT was tested in the following operating mode(s):

Powered, with no GSM transmissions.

The reason for choosing this configuration was that it has been defined by the customer as being typical of normal use and likely to be a worst case with regard to EMC.

5.2. Configuration and Peripherals

The EUT was tested in the following configuration(s):

The EUT was powered via an AC Mains adaptor.

Please refer to Appendix 2 for a schematic drawing of the test configuration, drawing number DRG\72510JD02\001.

6. Summary of Test Results

Range of Measurements	Specification Reference	Port Type	Compliancy Status
Conducted Emissions (0.15 MHz to 30 MHz)	FCC Part 15.107, Class B	AC Mains Input	Complied
Radiated Emissions (30 MHz to 1000 MHz)	FCC Part 15.109, Class B	Enclosure	Complied
Radiated Emissions (1 GHz to 10 GHz)	FCC Part 15.109, Class B	Enclosure	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.

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.

7.2. Test Results

7.2.1. AC Mains Conducted Emissions - Quasi Peak Detector Measurements on Live and Neutral Lines

7.2.1.1. Plots of the initial scans can be found in Appendix 3.

7.2.1.2. The following table lists frequencies at which emissions were measured using a quasi peak detector:

Test Summary:

Port:	AC Mains Input
Basic Standard:	FCC Part 15.107 Class B

Environmental Conditions:

Temperature Variation (°C):	21 to 21
Relative Humidity Variation (%):	54 to 54
Atmospheric Pressure Variation (mb):	987 to 987

Results:

Frequency (MHz)	Line	Quasi Peak Level (dBμV)	Limit (dBμV)	Margin (dB)	Note(s)	Result
0.170	Neutral	41.9	65.0	23.1	-	Complied
0.186	Neutral	41.1	64.2	23.1	-	Complied
0.202	Neutral	40.4	63.5	23.1	-	Complied
0.230	Neutral	39.2	62.4	23.2	-	Complied
0.262	Neutral	37.9	61.4	23.5	-	Complied
0.298	Neutral	36.5	60.3	23.8	-	Complied
0.362	Neutral	34.3	58.7	24.4	-	Complied
0.394	Neutral	33.3	58.0	24.7	-	Complied
0.442	Neutral	31.8	57.0	25.2	-	Complied
0.502	Neutral	29.9	56.0	26.1	-	Complied

7.2.2. AC Mains Conducted Emissions - Average Detector Measurements on Live and Neutral Lines

7.2.2.1. Following the initial scans and quasi peak measurements, further measurements were made at the relevant frequencies using an average detector. The measured levels were as follows:

Test Summary:

Port:	AC Mains Input
Basic Standard:	FCC Part 15.107 Class B

Environmental Conditions:

Temperature Variation (°C):	21 to 21
Relative Humidity Variation (%):	54 to 54
Atmospheric Pressure Variation (mb):	987 to 987

Results:

Frequency (MHz)	Line	Average Level (dBμV)	Limit (dBμV)	Margin (dB)	Note(s)	Result
See Note Below						

Note(s):

1. *All emissions recorded on the pre-scan were at least 30dB below the specified limit; therefore no further measurements were taken.*

7.2.3. Radiated Emissions - Electric Field Strength Measurements (Frequency Range: 30 to 1000 MHz)

7.2.3.1. Plots of the initial scans can be found in Appendix 3.

7.2.3.2. The following table lists frequencies at which emissions were measured using a quasi peak detector, at a test measurement distance of 3 metres.

Test Summary:

Port:	Enclosure
Basic Standard:	FCC Part 15.109 Class B

Environmental Conditions:

Temperature Variation (°C):	19 to 20
Relative Humidity Variation (%):	60 to 60
Atmospheric Pressure Variation (mb):	987 to 987

Results:

Frequency (MHz)	Antenna Polarity	Quasi Peak Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Note(s)	Result
See Note Below						

Note(s):

1. *No emissions were recorded on the pre-scans in this frequency range, which were carried out using a peak detector. Therefore no further measurements were made.*

7.2.4. Radiated Emissions - Electric Field Strength Measurements (Frequency Range: 30 to 1000 MHz)

7.2.4.1. Plots of the initial scans can be found in Appendix 3.

7.2.4.2. The highest operating frequency in the EUT was 1990 MHz; therefore measurements were performed to a frequency of 10 GHz.

7.2.4.3. The following table lists frequencies at which emissions were measured using a quasi peak detector, at a test measurement distance of 3 metres.

Test Summary:

Port:	Enclosure
Basic Standard:	FCC Part 15.109 Class B

Environmental Conditions:

Temperature Variation (°C):	19 to 20
Relative Humidity Variation (%):	60 to 60
Atmospheric Pressure Variation (mb):	987 to 987

Results:

Frequency (GHz)	Antenna Polarity	Peak Level (dBµV/m)	Av. Level (dBµV/m)	Peak Limit (dBµV/m)	Av. Limit (dBµV/m)	Peak Margin (dB)	Av. Margin (dB)	Result
9.313	Horizontal	43.63	32.11	74.00	54.00	30.32	21.89	Complied
9.313	Vertical	43.48	31.81	74.00	54.00	30.52	22.19	Complied
9.324	Horizontal	44.54	31.21	74.00	54.00	29.46	22.79	Complied
9.324	Vertical	44.26	32.63	74.00	54.00	29.74	21.37	Complied
9.426	Horizontal	44.65	32.61	74.00	54.00	29.35	21.39	Complied
9.426	Vertical	42.80	30.16	74.00	54.00	31.20	23.84	Complied
9.495	Horizontal	44.81	33.61	74.00	54.00	29.19	20.39	Complied
9.495	Vertical	42.61	31.11	74.00	54.00	31.39	22.89	Complied
9.614	Horizontal	45.11	33.61	74.00	54.00	28.89	20.39	Complied
9.614	Vertical	44.03	33.10	74.00	54.00	29.97	20.90	Complied
9.835	Horizontal	44.17	33.82	74.00	54.00	29.83	20.18	Complied
9.835	Vertical	43.10	32.16	74.00	54.00	30.90	21.84	Complied

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
Radiated Emissions	30 to 1000 MHz	95%	± 4.54 dB
Radiated Emissions	1 to 2 GHz	95%	± 4.76 dB
Radiated Emissions	2 to 4 GHz	95%	± 4.76 dB
Radiated Emissions	4 to 6 GHz	95%	± 4.74 dB
Radiated Emissions	6 to 8 GHz	95%	± 4.76 dB
Radiated Emissions	8 to 12 GHz	95%	± 4.79 dB
Conducted Emissions AC (and DC) Lines	150 kHz to 30 MHz	95%	± 3.66 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.

Where it has been necessary to perform measurements using the substitution method, it has not been possible to calculate an uncertainty for this measurement. Due to the complex effects on the emissions levels measured within a screened room with either a signal source or the equipment under test, the calculation of a general measurement uncertainty for this process would be unrepresentative for all possible measured results.

Appendix 1. Test Equipment Used

RFI No.	Instrument	Manufacturer	Type No.	Serial No.	Date Last Calibrated	Cal. Interval (Months)
A028	9188-2 Horn Antenna 1-2 GHz	Eaton	91888-2	304	11 Nov 2006	36
A031	2 to 4 GHz Eaton Horn Antenna	Eaton	91889-2	557	11 Nov 2006	36
A1037	Bi-log Antenna	Chase EMC Ltd	CBL6112B	2413	20 Sep 2006	12
A1069	Single Phase LISN	Rohde & Schwarz	ESH3-Z5	837469/012	09 Feb 2007	12
A1227	Pre Amplifier	Agilent	8449B	3008A01566	30 Aug 2006	12
A1242	60 to 90 GHz	Dorado international corp	12-GH-12-2	0002	Calibrated before use	12
A1534	Preamplifier 1 to 26.5 GHz	Hewlett Packard	8449B OPT H02	3008A00405	Calibrated before use	12
A1830	N-Type Pulse Limiter	Rhode & Schwarz	ESH3-Z2	100668	No Details	12
A253	WG 12 Microwave Horn	Flann Microwave	12240-20	128	17 Nov 2006	36
A254	WG 14 Microwave Horn	Flann Microwave	14240-20	139	17 Nov 2006	36
A255	WG 16 Microwave Horn	Flann Microwave	16240-20	519	17 Nov 2006	36
A259	Bilog Antenna	Chase	CBL6111	1513	13 Mar 2007	12
C1077	Cable	Rosenberger	FA210A1010M5050	28462-2	22 Apr 2007	12
C1165	Cable	Rosenberger Micro-Coax	FA210A1020007070	43189-1	22 Apr 2007	12
C1167	Cable	Rosenberger Micro-Coax	FA210A1030007070	43190-01	22 Apr 2007	12

Test Equipment Used (Continued)

RFI No.	Instrument	Manufacturer	Type No.	Serial No.	Date Last Calibrated	Cal. Interval (Months)
C1268	Cable	Rosenberger	FA210A 0075008 080	49356-1	22 Apr 2007	12
C151	Cable	Rosenberger	UFA210 A-1-1181-70x70	None	22 Apr 2007	12
C160	Cable	Rosenberger	UFA210 A-1-1181-70x70	None	22 Apr 2007	12
C341	Cable	Andrews	None	None	22 Apr 2007	12
C348	Cable	Rosenberger	UFA210 A-1-1181-70x70	2993	22 Apr 2007	12
C363	Cable	Rosenberger	RG142	None	22 Apr 2007	12
C461	Cable	Rosenberger	UFA210 A-1-1182-704704	98H0305	22 Apr 2007	12
C468	Cable	Rosenberger	UFA210 A-1-3937-504504	98L0440	22 Apr 2007	12
M024	EZM Spectrum Monitor	Rohde & Schwarz	EZM	873 952/006	For indication only	12

Test Equipment Used (Continued)

RFI No.	Instrument	Manufacturer	Type No.	Serial No.	Date Last Calibrated	Cal. Interval (Months)
M044	ESVP Receiver	Rohde & Schwarz	ESVP	891 845/026	06 Mar 2007	12
M1178	Thermo-Hygrometer	RS	212-124	N/A	19 Apr 2007	12
M1263	EMI Test Receiver	Rohde & Schwarz	ESIB7	100265	25 Jan 2007	12
M1391	Thermo Hygrometer	Oregon Scientific	BAR629 HGU	N/A	23 Oct 2006	12
M166	Temperature, humidity and pressure	EuroCom	None	None	19 Apr 2007	12
S201	3m & 10m OATS	RFI	1		25 May 2007	12
S202	3m OATS	RFI	2	S202-15011990	17 Nov 2006	12
S212	Emissions Screened Room	RFI	12		No Details	12

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

Appendix 2. Measurement Methods

A2.1. AC Mains Conducted Emissions

A2.1.1. AC mains conducted emissions measurements were performed in accordance with the standard, against appropriate limits for each detector function.

A2.1.2. 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 and with the EUT powered via a 60 Hz AC mains supply.

A2.1.3. 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.

A2.1.4. 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.

A2.1.5. The test equipment settings for conducted emissions measurements were as follows:

Receiver Function	**Initial Scan**	**Final Measurements**
Detector Type:	Peak	Quasi-Peak (CISPR)*
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

* In some instances an Average detector function may also have been used.

A2.2. Radiated Emissions

A2.2.1. Radiated emissions measurements were performed in accordance with the standard, against appropriate limits for each detector function.

A2.2.2. 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, and for the duty cycle of the EUT. The test configuration was the same for the initial scans as for the final measurements.

A2.2.3. 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. A tolerance line was set 6 dB below the specification limit and levels above the tolerance line were re-tested on the open area test site, at the appropriate distance, using a measuring receivers with a Quasi-Peak detector (below 1000 MHz), where applicable, for measurements above 1000 MHz average and peak detectors were used.

A2.2.4. For the main (final) measurements the EUT was arranged on a non-conducting table on an open area test site, as detailed in the specification.

A2.2.5. All measurements on the open area test site were performed using broadband antennas.

A2.2.6. On the open area test site, at each frequency where a signal was found, the levels were maximised by initially rotating the turntable through 360° and then varying the antenna height between 1 m and 4 m. 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.

A2.2.7. The test equipment settings for radiated emissions measurements were as follows:

Receiver Function	**Initial Scan**	**Final Measurements Below 1GHz**	**Final Measurements Above 1 GHz**
Detector Type:	Peak	Quasi-Peak (CISPR)	Peak/Average
Mode:	Max Hold	Not applicable	Not applicable
Bandwidth:	100 kHz	120 kHz	1 MHz
Amplitude Range:	60 dB	20 dB	20 dB (typical)
Measurement Time:	Not applicable	> 1 s	> 1 s
Observation Time:	Not applicable	> 15 s	> 15 s
Step Size:	Continuous sweep	Not applicable	Not applicable
Sweep Time:	Coupled	Not applicable	Not applicable

Appendix 3. Test Configuration Drawings

This appendix contains the following drawings:

Drawing Reference Number	Title
DRG\72510JD02\EMICON	Test configuration for measurement of conducted emissions.
DRG\72510JD02\EMIRAD	Test configuration for measurement of radiated emissions.
DRG\72510JD02\001	Schematic diagram of the EUT, support equipment and interconnecting cables used for the test.

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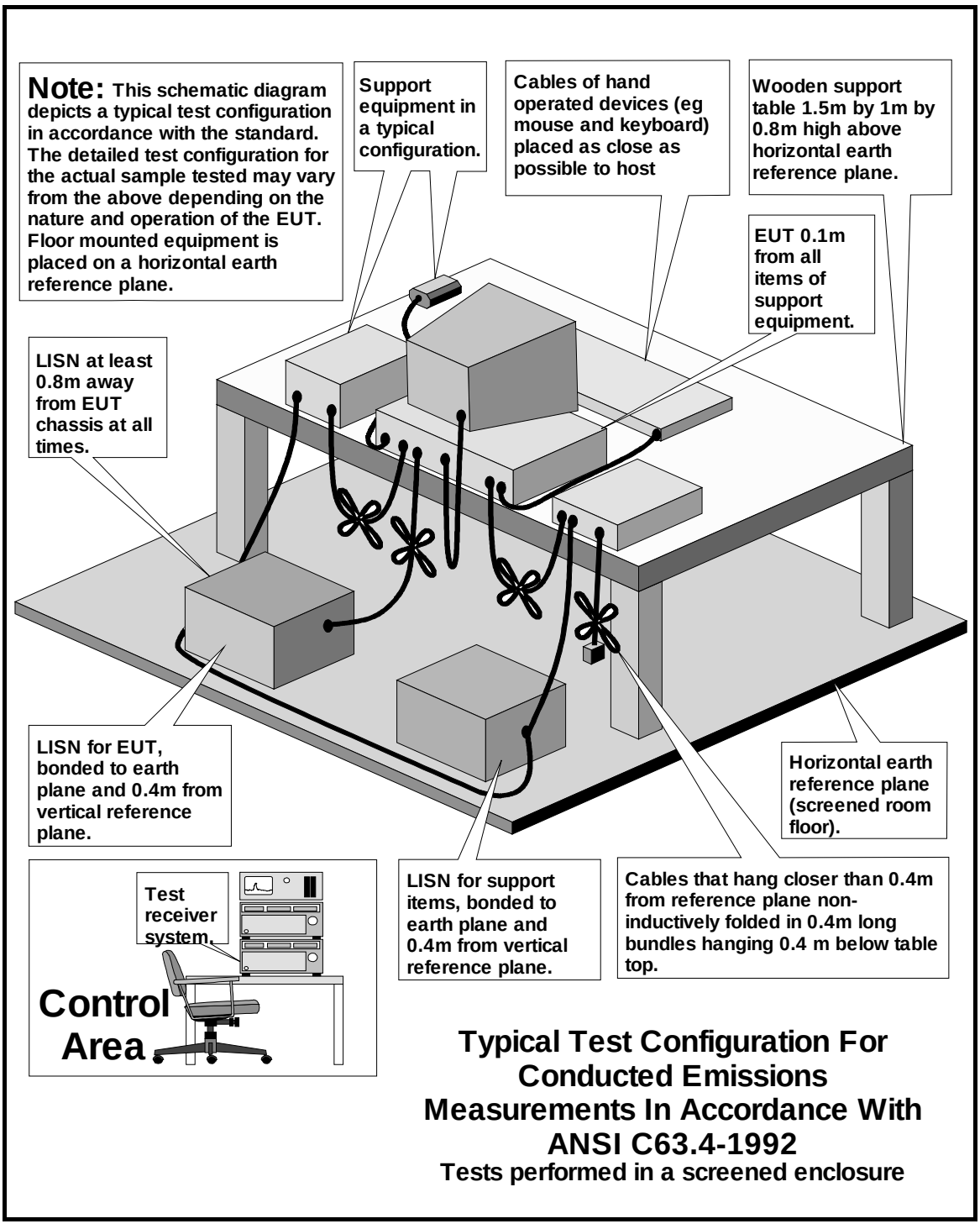
DRG\72510JD02\EMICON



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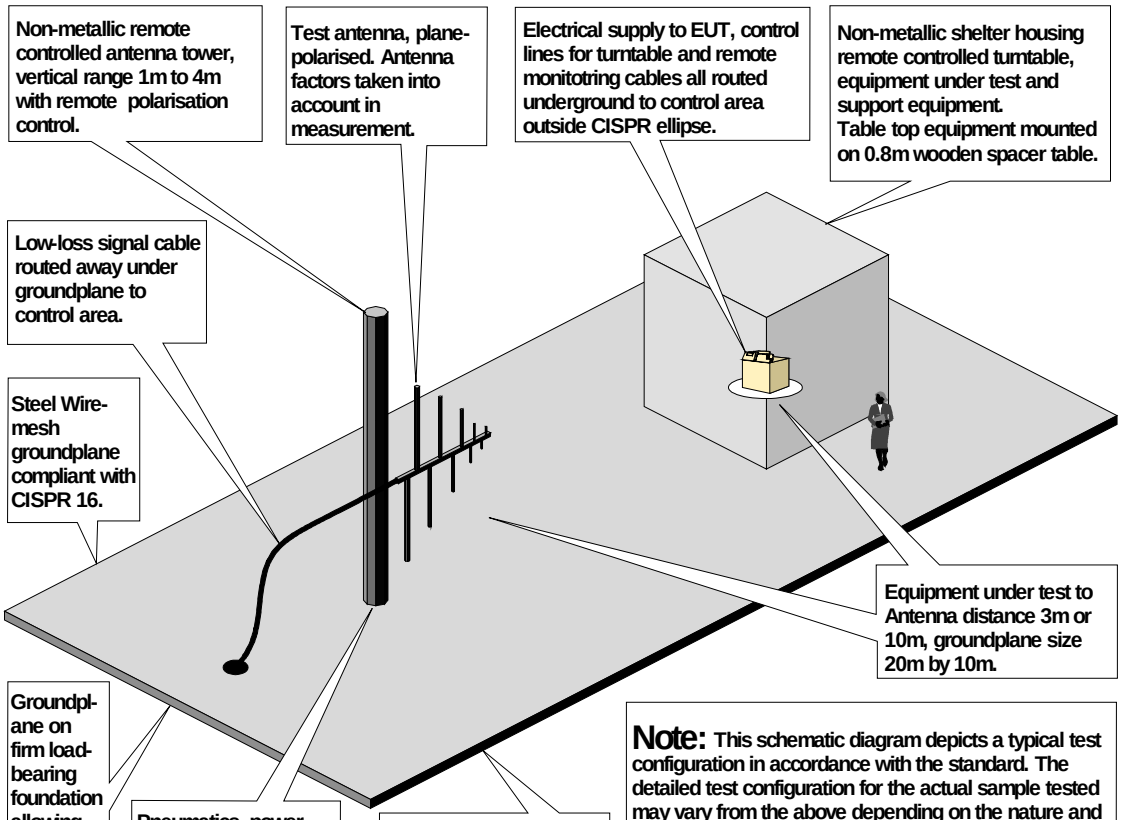
DRG\72510JD02\EMIRAD



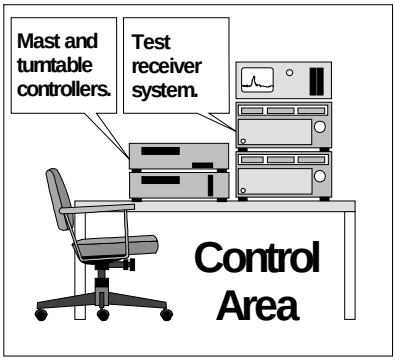
Note: This schematic diagram depicts a typical test configuration in accordance with the standard. The detailed test configuration for the actual sample tested may vary from the above depending on the nature and operation of the EUT.
The test site used by RFI is nominally at ground level.
All electrical cables run underground.
All other dimensions in accordance with the standard.

Test Configuration For Radiated Emissions Measurements

Reflection-free area: >60m by 52m (CISPR ellipse)

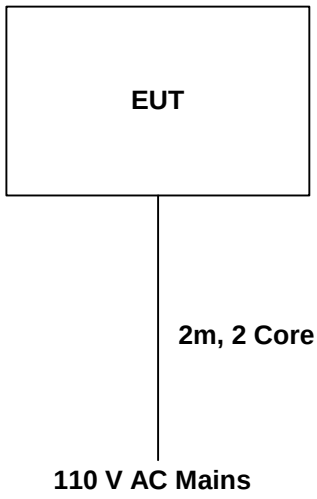
Groundplane Earthed

Control room outside CISPR ellipse



DRG\72510JD02\001

Configuration of EUT and Local Support Equipment



Configuration of Remote Support Equipment

Appendix 4. Graphical Test Results

This Appendix contains the following graphs:

Graph Reference Number	Title
GPH\72510JD02\001	Conducted Emissions Pre-Scan (0.15 MHz to 30.0 MHz)
GPH\72510JD02\002	Radiated Emissions Pre-Scan (30.0 MHz to 1000.0 MHz)
GPH\72510JD02\003	Radiated Emissions Pre-Scan (30.0 MHz to 1000.0 MHz)
GPH\72510JD02\004	Radiated Emissions Pre-Scan (30.0 MHz to 1000.0 MHz)
GPH\72510JD02\005	Radiated Emissions Pre-Scan above 1 GHz
GPH\72510JD02\006	Radiated Emissions Pre-Scan above 1 GHz
GPH\72510JD02\007	Radiated Emissions Pre-Scan above 1 GHz
GPH\72510JD02\008	Radiated Emissions Pre-Scan above 1 GHz
GPH\72510JD02\009	Radiated Emissions Pre-Scan above 1 GHz
GPH\72510JD02\010	Radiated Emissions Pre-Scan above 1 GHz
GPH\72510JD02\011	Radiated Emissions Pre-Scan above 1 GHz
GPH\72510JD02\012	Radiated Emissions Pre-Scan above 1 GHz
GPH\72510JD02\013	Radiated Emissions Pre-Scan above 1 GHz
GPH\72510JD02\014	Radiated Emissions Pre-Scan above 1 GHz
GPH\72510JD02\015	Radiated Emissions Pre-Scan above 1 GHz

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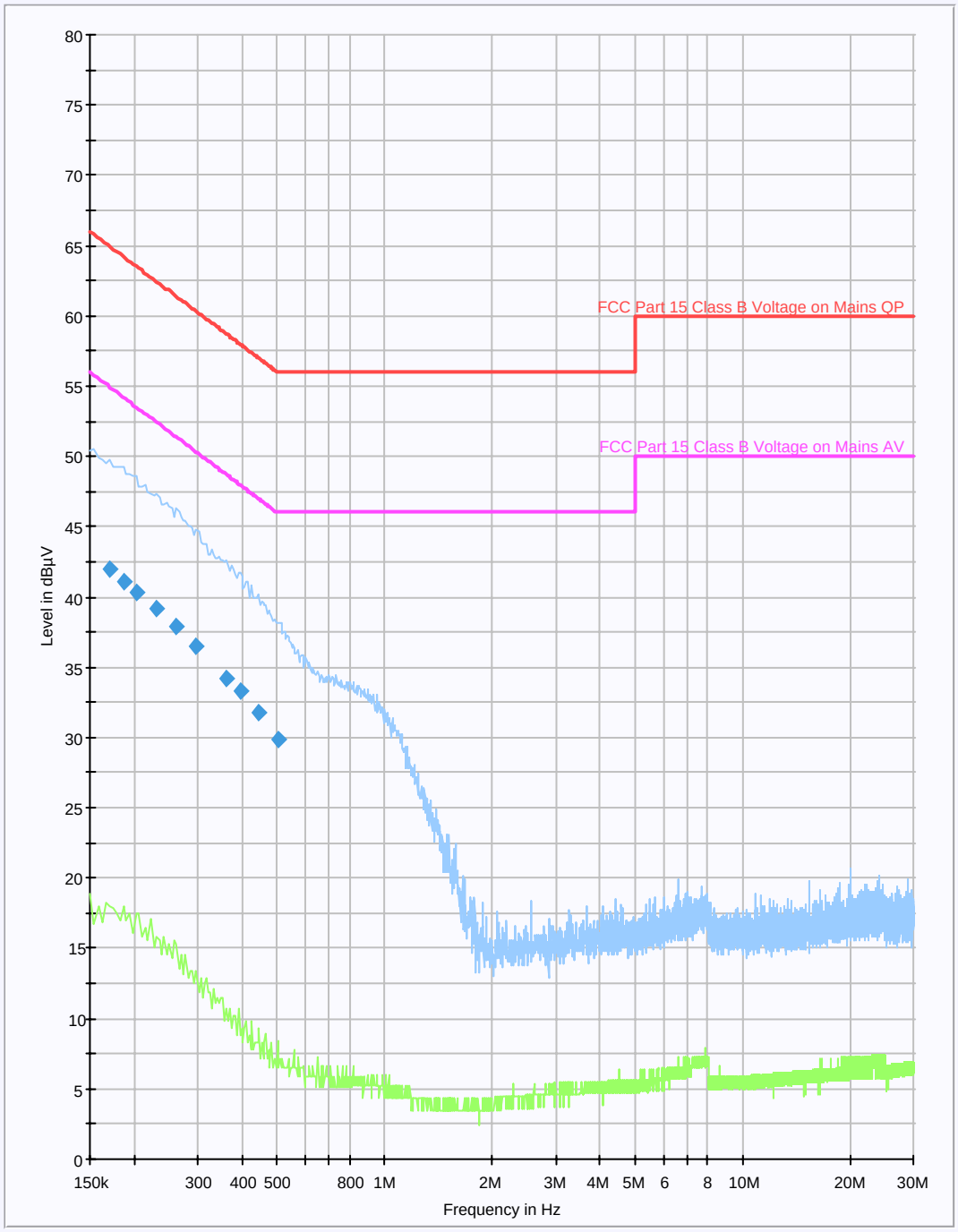
GPH\72510JD02\001
Conducted Emissions Pre-Scan
(0.15 MHz to 30.0 MHz)



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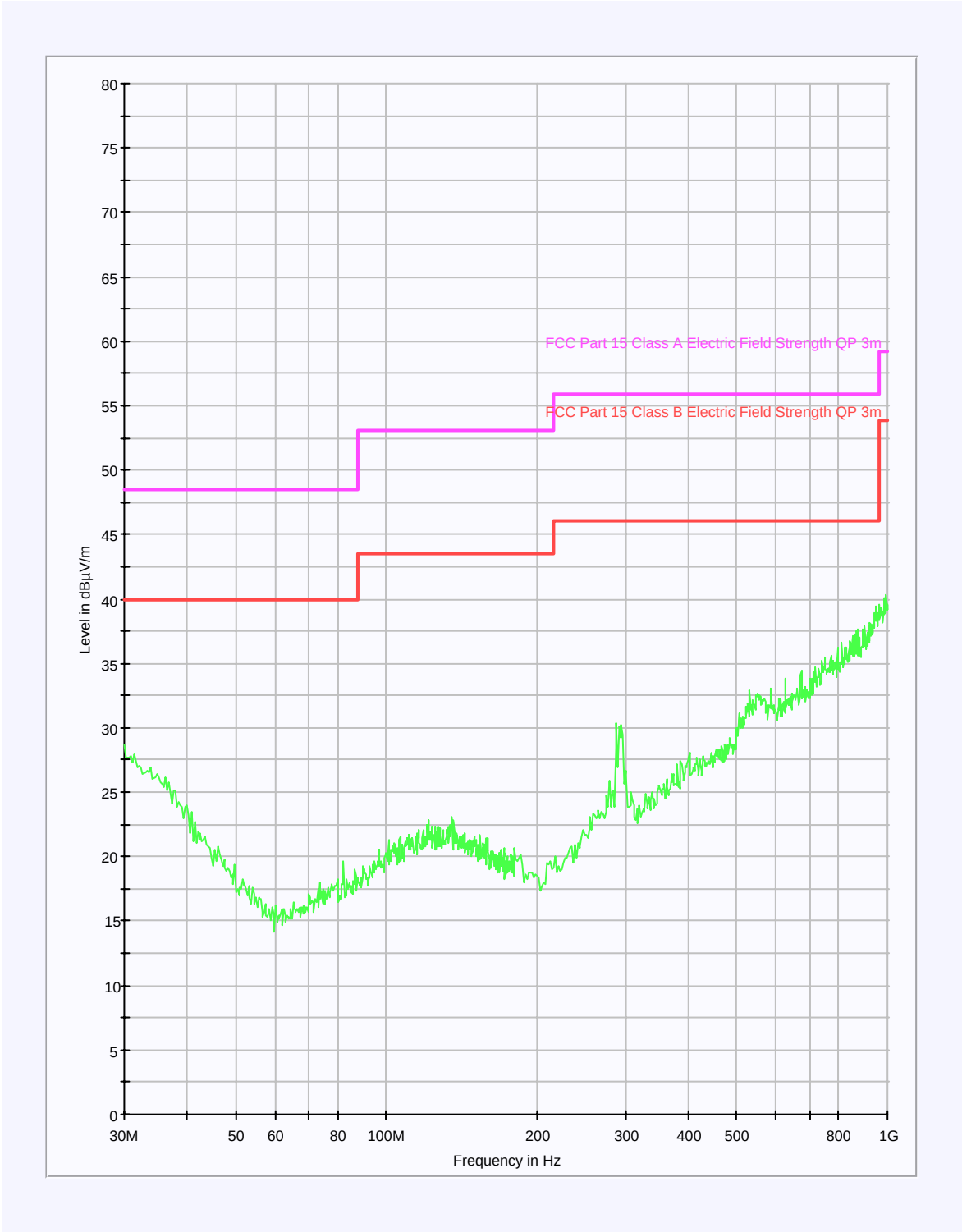
GPH\72510JD02\002
Radiated Emissions Pre-Scan
(30.0 MHz to 1000.0 MHz)



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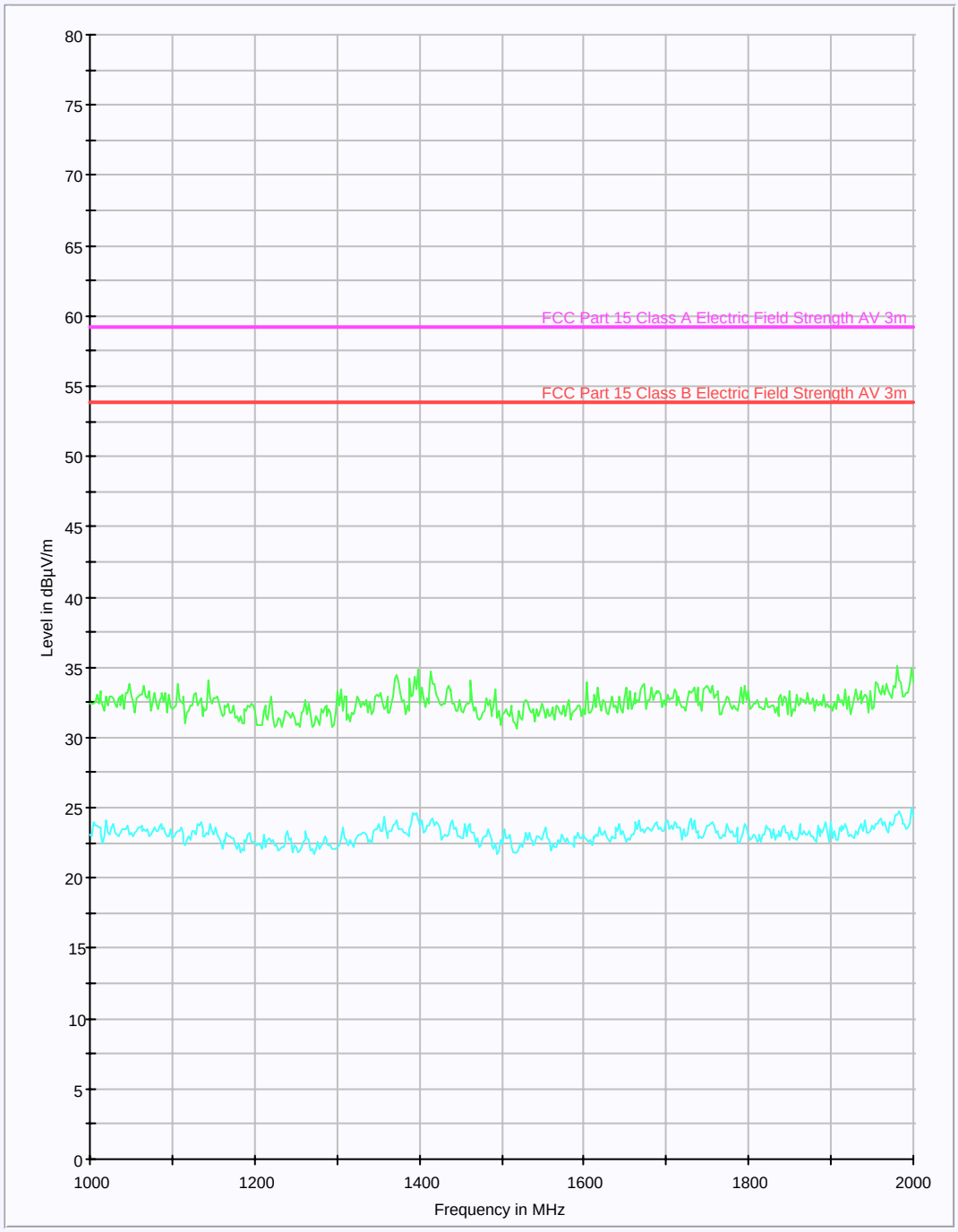
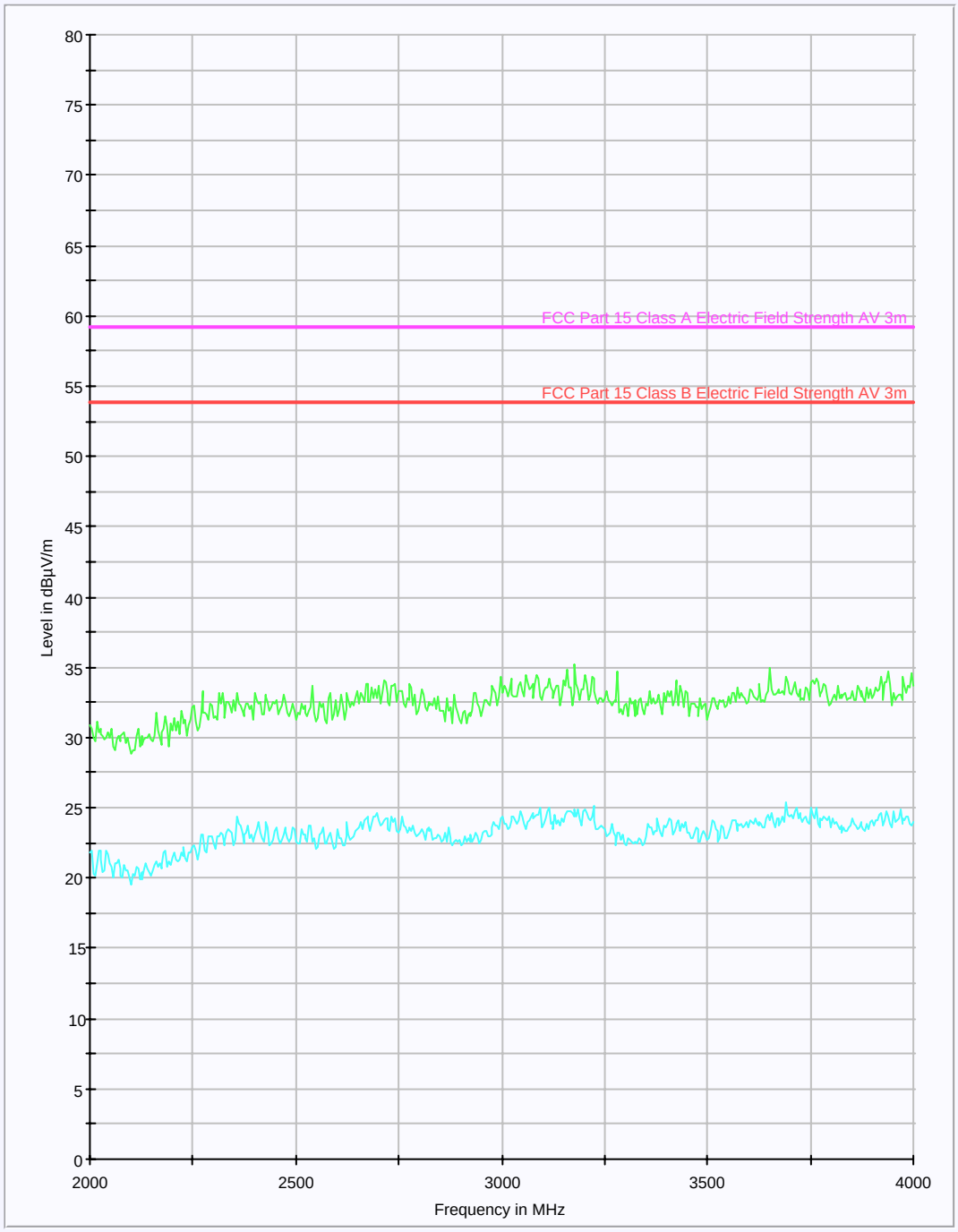
GPH\72510JD02\003
Radiated Emissions Pre-Scan
(1 GHz to 2 GHz)

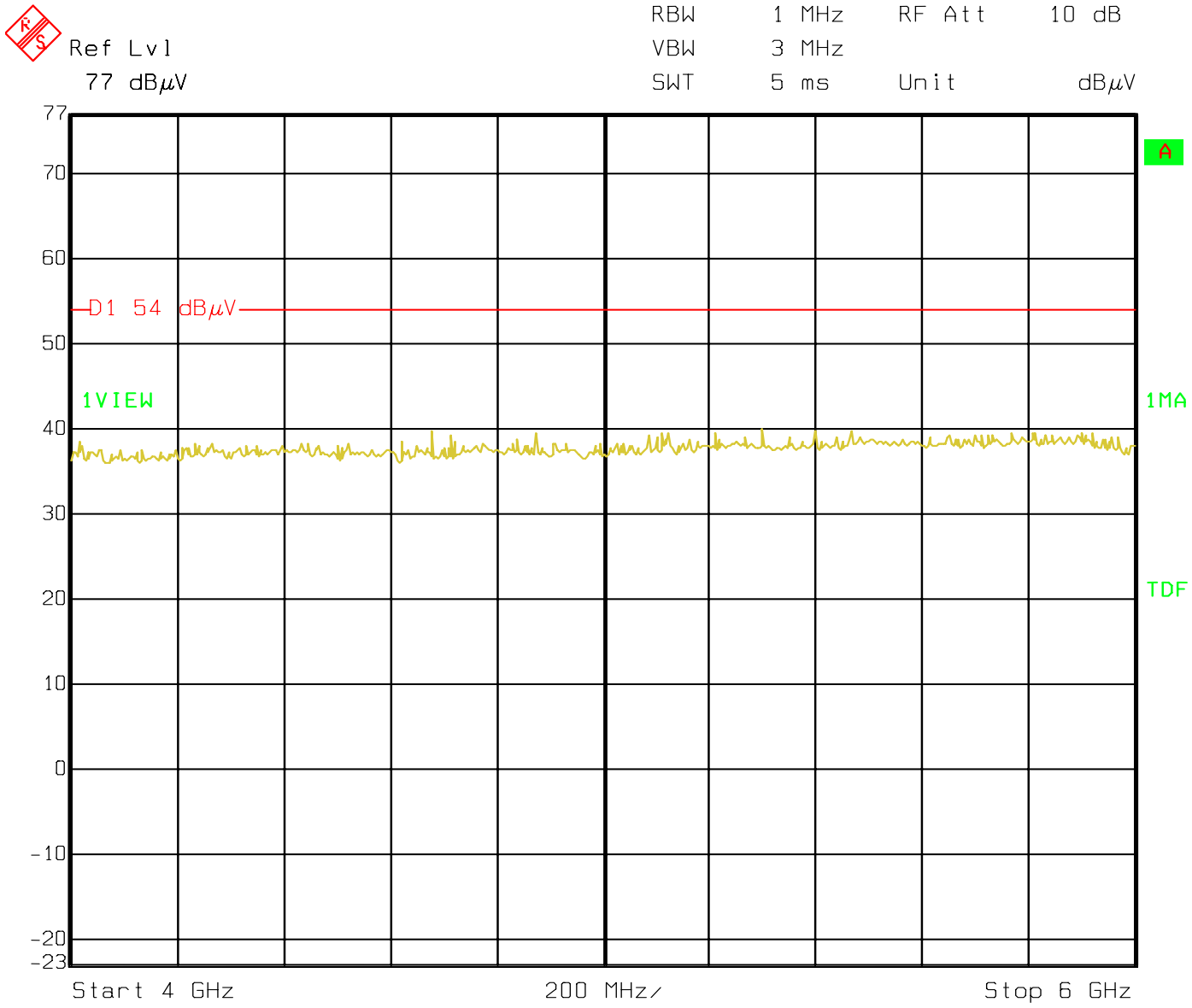


GPH\72510JD02\004
Radiated Emissions Pre-Scan
(2 GHz to 4 GHz)



Test Of: **GE Security**
1059822 ActiveKEY Modem Board
To: **FCC Part 15.107 and Part 15.109**

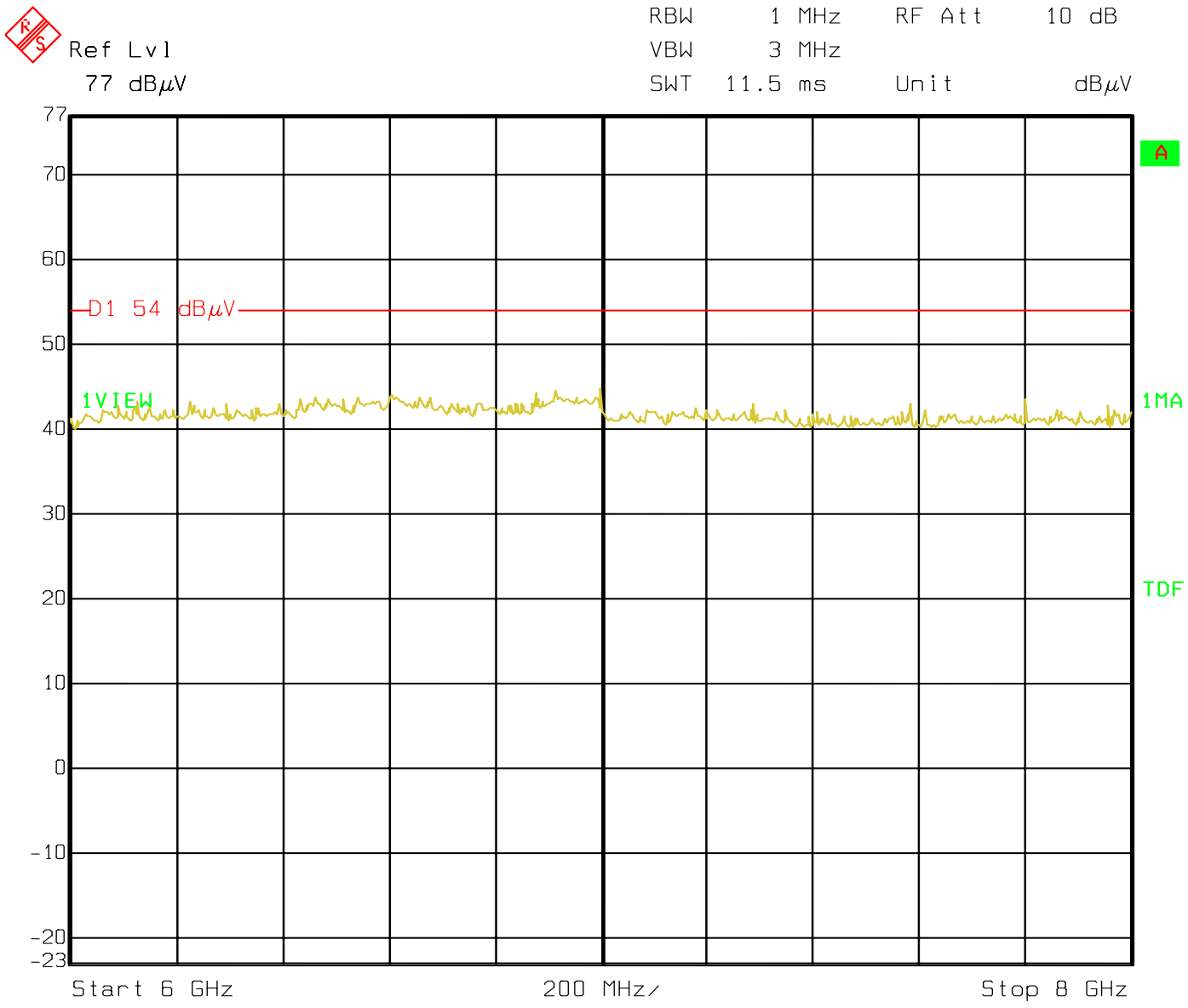
GPH\72510JD02\005
Radiated Emissions Pre-Scan
(4 GHz to 6 GHz)



Title: 4-6GHz GE Security GPA
Date: 03.JUL.2007 16:36:46

Test Of: **GE Security**
1059822 ActiveKEY Modem Board
To: **FCC Part 15.107 and Part 15.109**

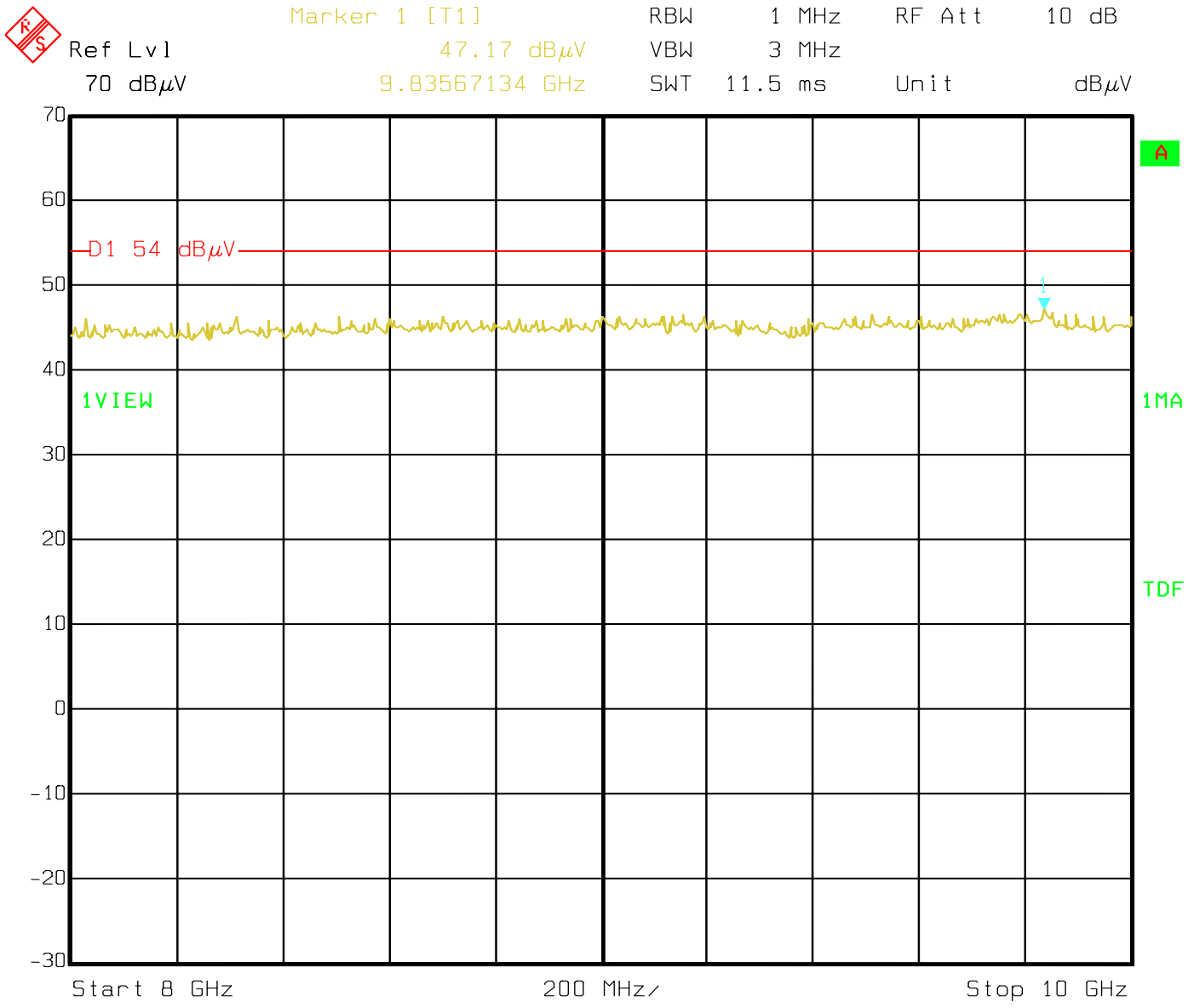
GPH\72510JD02\006
Radiated Emissions Pre-Scan
(6 GHz to 8 GHz)



Title: 4-6GHz GE Security GPA
Date: 03.JUL.2007 16:39:56

Test Of: **GE Security**
1059822 ActiveKEY Modem Board
To: **FCC Part 15.107 and Part 15.109**

GPH\72510JD02\007
Radiated Emissions Pre-Scan
(8 GHz to 10 GHz)



Title: 4-6GHz GE Security GPA
Date: 03.JUL.2007 17:03:36

Appendix 5. Photographs of EUT

This Appendix contains the following photographs:

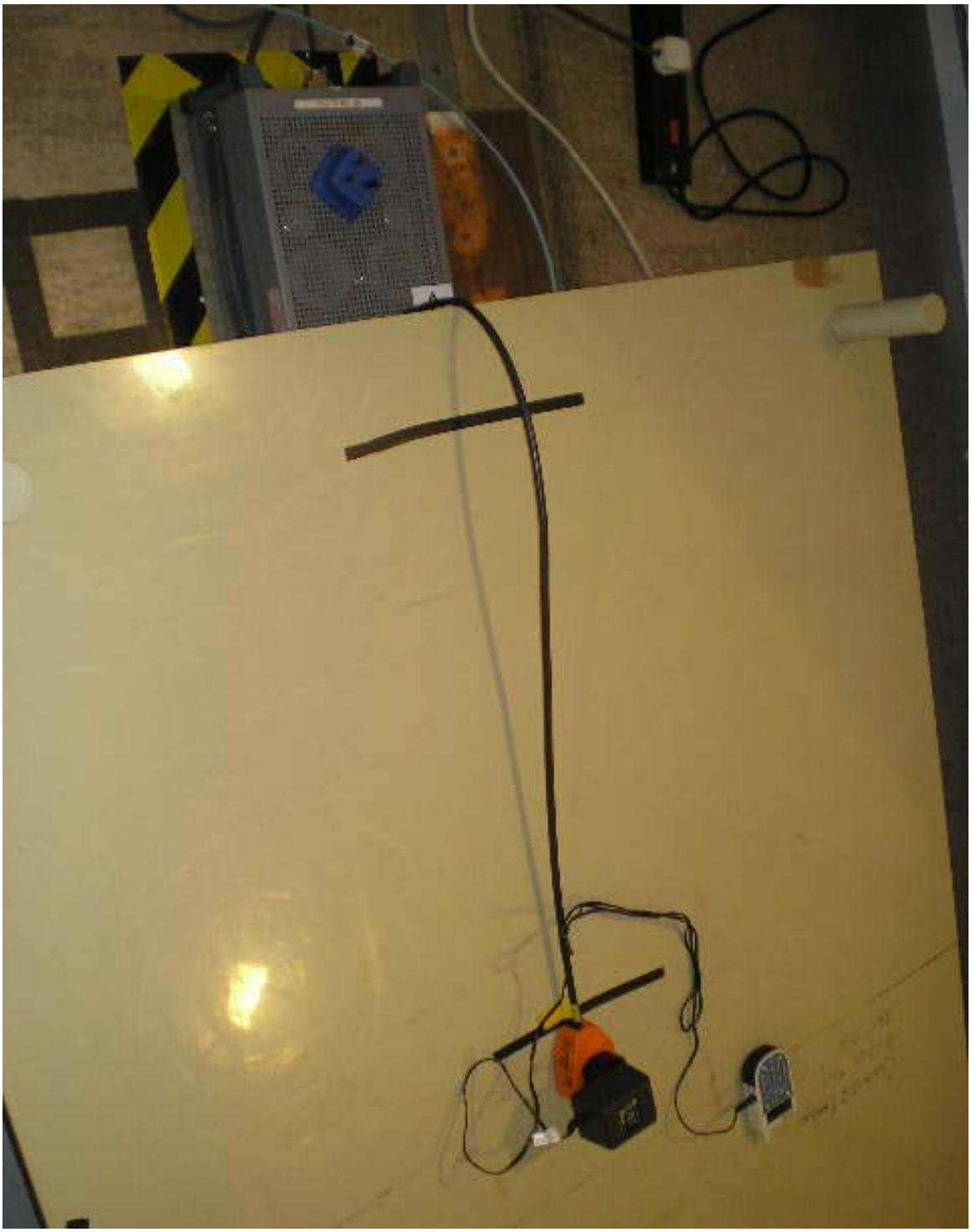
Photo Reference Number	Title
PHT/72510/001	View of conducted emissions (1)
PHT/72510/002	View of conducted emissions (2)
PHT/72510/003	View of radiated emissions (1)
PHT/72510/004	View of radiated emissions (2)
PHT/72510/005	View of radiated emissions(3)

Test Of: **GE Security**
1059822 ActiveKEY Modem Board
To: **FCC Part 15.107 and Part 15.109**

PHT/72510/001: View of conducted emissions (1)

Test Of: **GE Security**
1059822 ActiveKEY Modem Board
To: **FCC Part 15.107 and Part 15.109**

PHT/72510/002: View of conducted emissions (2)



PHT/72510/003: View of radiated emissions (1)

PHT/72510/004: View of radiated emissions (2)

Test Of: **GE Security**
1059822 ActiveKEY Modem Board
To: **FCC Part 15.107 and Part 15.109**

PHT/72510/005: View of radiated emissions (3)