



Nemko

www.nemko.com

Report Reference ID:	146144-1TRFWL
-----------------------------	---------------

Test specification:	Title 47 - Telecommunication Chapter I - Federal Communications Commission Subchapter A - General Part 15 - Radio Frequency Devices Subpart C - Intentional Radiators – §15.249 - Operation in the 902–928 MHz, 2400–2483.5 MHz, 5725–5875 MHz and 24.0–24.25 GHz
----------------------------	---

Applicant:	TeleMedic Inc. 6700 Choquette, bur. 200 St-Hyacinthe, QC J2S 8L1 Canada
Apparatus:	Telemedic MUMS-002
FCC ID:	T3W-MUMS-002
Model:	MUMS-002

Testing laboratory:	Nemko Canada Inc. 303 River Road Ottawa, ON, Canada K1V 1H2 Telephone: (613) 737-9680 Facsimile: (613) 737-9691
----------------------------	---

	Name and title	Date
Tested by:	Kevin Ma, Wireless/EMC Specialist	June 14, 2010
Reviewed by:	Andrey Adelberg, Senior Wireless/EMC Specialist	June 14, 2010



Nemko Canada Inc., a testing laboratory, is accredited by the Standards Council of Canada.
The tests included in this report are within the scope of this accreditation.

Table of contents

Section 1: Report summary	3
1.1 Test specification	3
1.2 Statement of compliance	3
1.3 Exclusions	3
1.4 Registration number	3
1.5 Test report revision history	3
1.6 Limits of responsibility	3
Section 2: Summary of test results	4
2.1 FCC Part 15 Subpart C – Intentional Radiators, test results	4
Section 3: Equipment under test (EUT) and application details	5
3.1 Applicant details	5
3.2 Modular equipment	5
3.3 Product details	5
3.4 Accessories and support equipment	5
3.5 Application purpose	6
3.6 Composite/related equipment	6
3.7 Sample information	6
3.8 EUT technical specifications	6
3.9 Operation of the EUT during testing	6
3.10 EUT setup diagram	7
Section 4: Engineering considerations	8
4.1 Modifications incorporated in the EUT	8
4.2 Deviations from laboratory tests procedures	8
4.3 Technical judgment	8
Section 5: Test conditions	9
5.1 Power source and ambient temperatures	9
Section 6: Measurement uncertainty	10
Section 7: Test equipment	11
7.1 Test equipment list	11
Section 8: Testing data	12
8.1 Clause 15.31(e) Variation of power source	12
8.2 Clause 15.31(m) Number of operating frequencies	13
8.3 Clause 15.203 Antenna requirement	14
8.4 Clause 15.207(a) Conducted limits	15
8.5 Clause 15.215(c) Emission bandwidth	18
8.6 Clause 15.249(a) Field strength of radiated emissions not in restricted bands	19
8.7 Clause 15.249(d) Spurious emissions (except for harmonics)	20
Section 9: Block diagrams of test set-ups	21
Section 10: EUT photos	22



Nemko Canada Inc.
303 River Rd, Ottawa, ON, Canada, K1V 1H2

Section 1: Report summary

Product: Telemedic MUMS-002

Section 1: Report summary

1.1 Test specification

Specifications	FCC Part 15 Subpart C, 15.249 Operation in the 902–928 MHz, 2400–2483.5 MHz, 5725–5875 MHz and 24.0–24.25 GHz
----------------	--

1.2 Statement of compliance

Compliance	In the configuration tested the EUT was found compliant Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> This report contains an assessment of apparatus against specifications based upon tests carried out on samples submitted at Nemko Canada Inc. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15; Subpart C. Radiated tests were conducted in accordance with ANSI C63.4-2003.
------------	--

1.3 Exclusions

Exclusions	None
------------	------

1.4 Registration number

Test site FCC ID number	176392 (3 m Semi anechoic chamber)
-------------------------	------------------------------------

1.5 Test report revision history

Revision #	Details of changes made to test report
TRF	Original report issued

1.6 Limits of responsibility

Note that the results contained in this report relate only to the items tested and were obtained in the period between the date of initial receipt of samples and the date of issue of the report.

This test report has been completed in accordance with the requirements of ISO/IEC 17025. All results contained in this report are within Nemko Canada's ISO/IEC 17025 accreditation.

Nemko Canada Inc. authorizes the applicant to reproduce this report provided it is reproduced in its entirety and for use by the company's employees only.

Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties.

Nemko Canada Inc. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.



Nemko Canada Inc.
303 River Rd, Ottawa, ON, Canada, K1V 1H2

Section 2: Summary of test results

Product: Telemedic MUMS-002

Section 2: Summary of test results

2.1 FCC Part 15 Subpart C – Intentional Radiators, test results

General requirements for FCC Part 15

Part	Test description	Verdict
§15.31(e)	Variation of power source	Pass
§15.31(m)	Number of operating frequencies	Pass
§15.203	Antenna requirement	Pass
§15.207(a)	Conducted limits	Pass
§15.215(c)	20 dB bandwidth	Pass

Specific requirements for FCC Part 15 Subpart C, 15.249

Part	Test description	Verdict
§15.249(a)	Radiated emissions not in restricted bands	Pass
§15.249(b)	Fixed Point-to-Point operation in the 24.0–24.25 GHz band	Pass
§15.249(d)	Spurious emissions (except harmonics)	Pass

Notes: None

Section 3: Equipment under test (EUT) and application details

3.1 Applicant details		
Applicant complete business name	Name:	TeleMedic Inc.
	Federal Registration Number (FRN):	0014738223
	Grantee code	T3W
Mailing address	Address: City: Province/State: Post code: Country:	6700 Choquette, bur. 200 St-Hyacinthe QC J2S 8L1 Canada

3.2 Modular equipment		
a) Single modular approval	Single modular approval Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
b) Limited single modular approval	Limited single modular approval Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

3.3 Product details		
FCC ID	Grantee code:	T3W
	Product code:	MUMS-002
Equipment class	DXT – Digital Transmission system	
Description of product as it is marketed	The MUMS-002 contains two identical RF transceivers, M93 and I9X operating in the 900 MHz ISM band. Two transceivers controlled by software to transmit only one at a time. M93 was deemed as a representative model and test results for only this transceiver are reported.	
	Model name/number:	MUMS-002
	Serial number:	01090024

3.4 Accessories and support equipment

The following information identifies accessories used to exercise the EUT during testing:

Item # 1	
Type of equipment:	Power Supply
Brand name:	CUI INC
Model name or number:	HK-H1-A09
Nemko sample number:	6
Connection port:	DC port
Cable length and type:	1.8 m
Item # 2	
Type of equipment:	Test key
Brand name:	TeleMedic
Model name or number:	31-0455
Nemko sample number:	3
Connection port:	Key port

**Section 3: Equipment under test (EUT) details****Product: Telemedic MUMS-002****3.5 Application purpose**

Type of application	<input checked="" type="checkbox"/> Original certification <input type="checkbox"/> Change in identification of presently authorized equipment Original FCC ID: _____ Grant date: _____ <input type="checkbox"/> Class II permissive change or modification of presently authorized equipment
----------------------------	--

3.6 Composite/related equipment

a) Composite equipment	The EUT is a composite device subject to an additional equipment authorization Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
b) Related equipment	The EUT is part of a system that operates with, or is marketed with, another device that requires an equipment authorization Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
c) Related FCC ID	If either of the above is "yes": <input type="checkbox"/> has been granted under the FCC ID(s) listed below: <input type="checkbox"/> is in the process of being filled under the FCC ID(s) listed below: <input type="checkbox"/> is pending with the FCC ID(s) listed below: <input type="checkbox"/> has a mix of pending and granted statuses under the FCC ID(s) listed below: i FCC ID: ii FCC ID:

3.7 Sample information

Receipt date:	March 30, 2010
Nemko sample ID number:	2

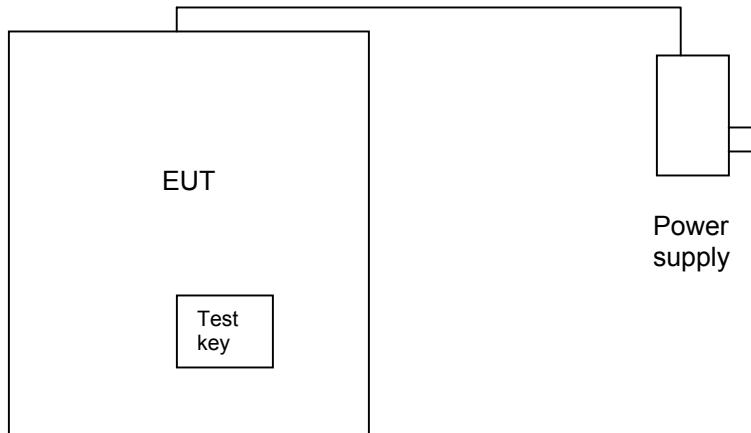
3.8 EUT technical specifications

Operating band:	902–928 MHz
Operating frequency:	916.48 MHz
Modulation type:	FSK
Occupied bandwidth:	104.16 kHz
Emission designator:	F1D
Antenna type:	Integral Permanent fixed antenna, which may be built-in, (Equipment does not have an external 50 Ω RF connector)
Power source:	9 VDC from AC/DC power adapter at 120 VAC, 60 Hz

3.9 Operation of the EUT during testing

Details:	The EUT was controlled to transmit continuously by special test key.
-----------------	--

3.10 EUT setup diagram



Section 4: Engineering considerations

4.1 Modifications incorporated in the EUT

Modifications	Modifications performed to the EUT during this assessment None <input checked="" type="checkbox"/> Yes <input type="checkbox"/> performed by Client <input type="checkbox"/> or Nemko <input type="checkbox"/> Details:
----------------------	---

4.2 Deviations from laboratory tests procedures

Deviations	Deviations from laboratory test procedures None <input checked="" type="checkbox"/> Yes <input type="checkbox"/> - details are listed below:
-------------------	---

4.3 Technical judgment

Judgment	None
-----------------	------

Section 5: Test conditions

5.1 Power source and ambient temperatures

Normal temperature, humidity and air pressure test conditions	Temperature: 15–30 °C Relative humidity: 20–75 % Air pressure: 86–106 kPa When it is impracticable to carry out tests under these conditions, a note to this effect stating the ambient temperature and relative humidity during the tests shall be recorded and stated.
Power supply range:	The normal test voltage for equipment to be connected to the mains shall be the nominal mains voltage. For the purpose of the present document, the nominal voltage shall be the declared voltage, or any of the declared voltages $\pm 5\%$, for which the equipment was designed.

Section 6: Measurement uncertainty

Nemko Canada measurement uncertainty has been calculated using guidance of UKAS LAB 34:2003 and TIA-603-B Nov 7, 2002. All calculations have been performed to provide a confidence level of 95 % and can be found in Nemko Canada document MU-003.

Section 7: Test equipment

7.1 Test equipment list				
Equipment	Manufacturer	Model No.	Asset/Serial No.	Next cal.
3 m EMI Test Chamber	TDK	SAC-3	FA002047	May 06/11
Flush Mount Turntable	Sunol	FM2022	FA002082	NCR
Bilog	Sunol	JB3	FA002108	Jan. 18/11
Controller	Sunol	SC104V	FA002060	NCR
Mast	Sunol	TLT2	FA002061	NCR
Receiver/Spectrum Analyzer	Rohde & Schwarz	ESU 26	FA002043	Dec. 16/10
International Power Supply	California Inst.	3001i	FA001021	Jan. 13/11
Spectrum Analyzer	Rohde & Schwarz	FSU46	FA001877	Sep. 29/10
Horn Antenna #2	EMCO	3115	FA000825	Jan. 21/11
1 – 18 GHz Amplifier	JCA	JCA118-503	FA002091	Oct 07/10
LISN	Rohde & Schwarz	ENV216	FA002023	Sept. 02/10
Highpass Filter	K&L	1 GHz	FA001434	COU
Notch Filter	Microwave Circuits	902-928MHz	FA002096	COU

Note: N/A = Not Applicable, NCR = No Cal Required, COU = CAL On Use



Nemko Canada Inc.,
303 River Rd, Ottawa, ON, Canada, K1V 1H2

Section 8: Testing data		Product: Telemedic MUMS-002
Test name: Clause 15.31(e) Variation of power source		
Test date: May 20,2010	Test engineer: Kevin Ma	Verdict: Pass
Specification: FCC Part 15 Subpart A		

Section 8: Testing data

8.1 Clause 15.31(e) Variation of power source

§ 15.31 Measurement standards.

(e) For intentional radiators, measurements of the variation of the input power or the radiated signal level of the fundamental frequency component of the emission, as appropriate, shall be performed with the supply voltage varied between 85 % and 115 % of the nominal rated supply voltage. For battery-operated equipment, the equipment tests shall be performed using a new battery.

Special notes

None

Test data

- Transmit fundamental field strength was measured while supply voltage was varied from 85 % to 115 % of the nominal rated supply voltage via power supply.
- No change in transmit output power was observed.



Nemko Canada Inc.,
303 River Rd, Ottawa, ON, Canada, K1V 1H2

Section 8: Testing data		Product: Telemedic MUMS-002
Test name: Clause 15.31(m) Number of operating frequencies		
Test date: May 20,2010	Test engineer: Kevin Ma	Verdict: Pass
Specification: FCC Part 15 Subpart A		

8.2 Clause 15.31(m) Number of operating frequencies

§ 15.31 Measurement standards.

(m) Measurements on intentional radiators or receivers, other than TV broadcast receivers, shall be performed and, if required, reported for each band in which the device can be operated with the device operating at the number of frequencies in each band specified in the following table:

Frequency range over which device operates	Number of frequencies	Location in the range of operation
1 MHz and less	1	Middle
1 to 10 MHz	2	1 near top and 1 near bottom
More than 10 MHz	3	1 near top, 1 near middle and 1 near bottom

Special notes

None

Test data

The EUT transmits only on one channel.

Transmitter	Frequency, (MHz)
M93	916.48



Nemko Canada Inc.,
303 River Rd, Ottawa, ON, Canada, K1V 1H2

Section 8: Testing data		Product: Telemedic MUMS-002
Test name: Clause 15.203 Antenna requirement		
Test date: May 20,2010	Test engineer: Kevin Ma	Verdict: Pass
Specification: FCC Part 15 Subpart C		

8.3 Clause 15.203 Antenna requirement

§ 15.203 Antenna requirement.

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

Special notes

None

Test data

The EUT use non-detachable antenna to the intentional radiators.



Section 8: Testing data	Product: Telemedic MUMS-002
Test name: Clause 15.207(a) Conducted limits	
Test date: May 20,2010	Test engineer: Kevin Ma
Verdict: Pass	Supply input: 110 VAC, 60 Hz
Temperature: 23.5 °C	Air pressure: 996 mbar
Specification: FCC Part 15 Subpart C	Relative humidity: 38.5 %

8.4 Clause 15.207(a) Conducted limits

§ 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 μ H/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 emission (MHz)	Conducted limit (dB μ V)	
	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.

Special notes

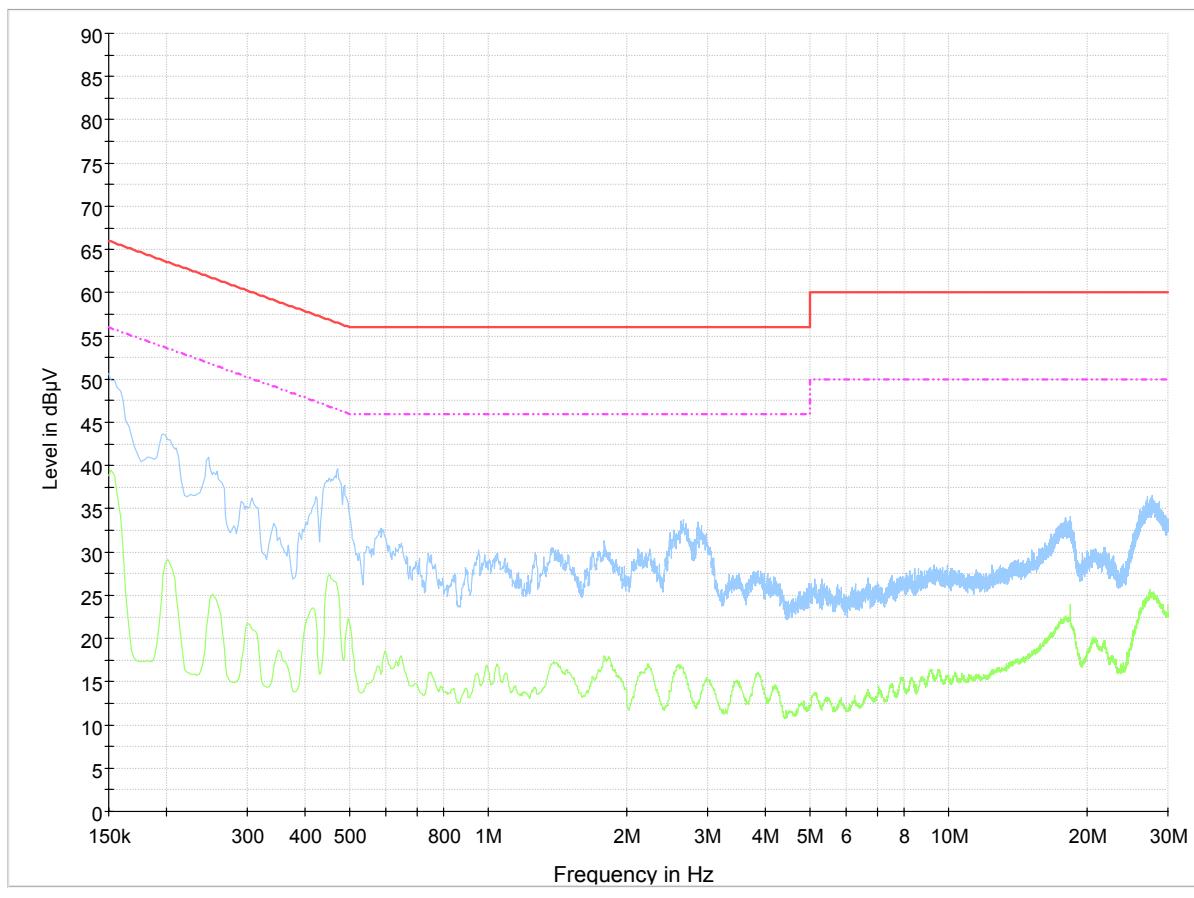
Only the worst-case results are presented.

Nemko
Nemko Canada Inc., 303 River Rd, Ottawa, ON, Canada, K1V 1H2

Section 8: Testing data	Product: Telemedic MUMS-002
Test name: Clause 15.207(a) Conducted limits	
Test date: May 20,2010	Test engineer: Kevin Ma
Verdict: Pass	Supply input: 110 VAC, 60 Hz
Temperature: 23.5 °C	Air pressure: 996 mbar
Specification: FCC Part 15 Subpart C	Relative humidity: 38.5 %

Test data

Neutral:



— CISPR 22 Mains QP Class B LimitLine — CISPR 22 Mains AV Class B LimitLine — Preview Result 1 — Preview Result 2

The spectral scan has been corrected with transducer factors (i.e. cable loss, LISN factors, and attenuators) for determination of compliance.

A preview measurement was generated with the receiver in continuous scan mode. Emissions detected within 6 dB or above limit were re-measured with the appropriate detector against the correlating limit and recorded as the final measurement.

Receiver/Spectrum analyzer settings:

0.15 MHz to 30 MHz

Preview measurements

Receiver: 9 kHz RBW, Peak and Average detector, max hold
Measurement time 100 ms

Final measurement

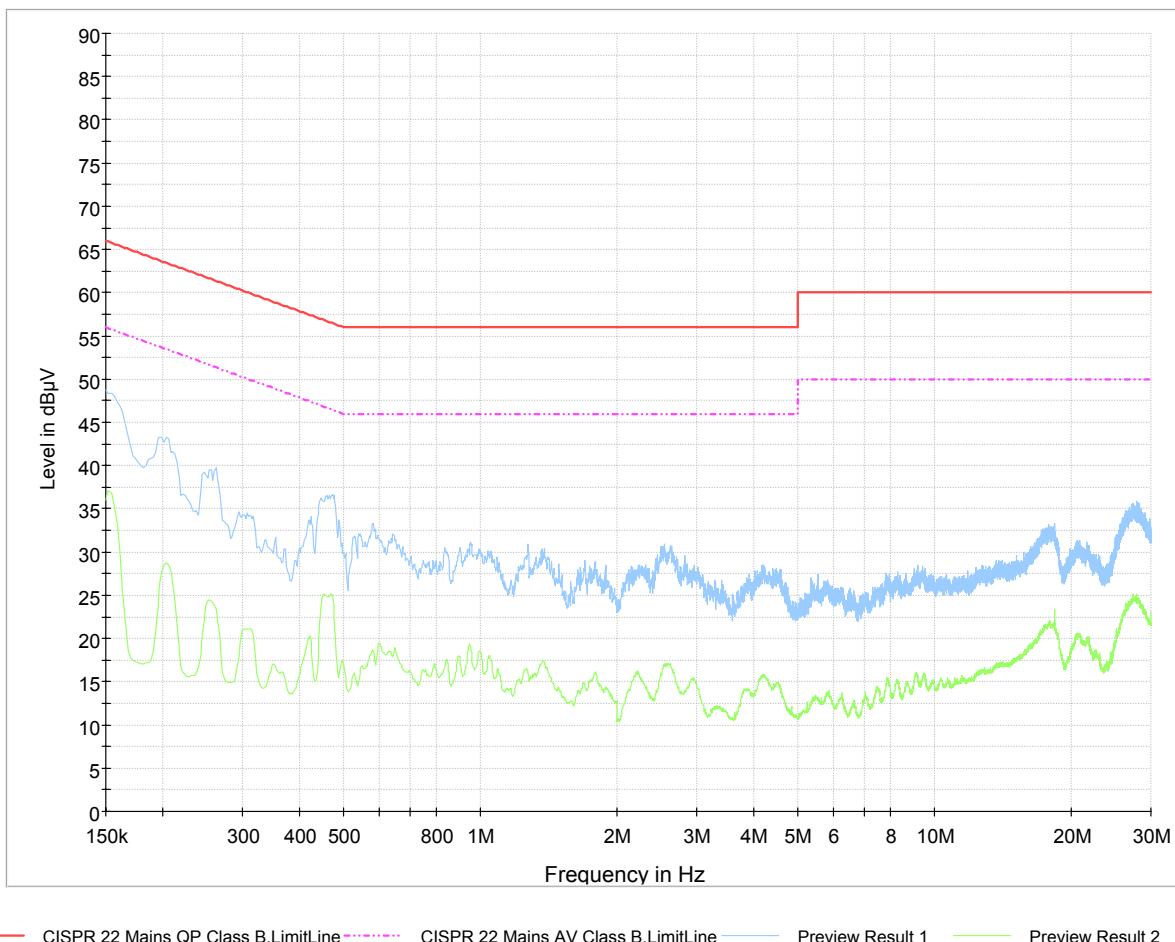
Receiver: 9 kHz RBW, Quasi-peak and Average detector

Nemko
Nemko Canada Inc., 303 River Rd, Ottawa, ON, Canada, K1V 1H2

Section 8: Testing data	Product: Telemedic MUMS-002
Test name: Clause 15.207(a) Conducted limits	
Test date: May 20,2010	Test engineer: Kevin Ma
Verdict: Pass	Supply input: 110 VAC, 60 Hz
Temperature: 23.5 °C	Air pressure: 996 mbar
Specification: FCC Part 15 Subpart C	Relative humidity: 38.5 %

Test data, continued

Phase:



— CISPR 22 Mains QP Class B.LimitLine ····· CISPR 22 Mains AV Class B.LimitLine — Preview Result 1 — Preview Result 2

The spectral scan has been corrected with transducer factors (i.e. cable loss, LISN factors, and attenuators) for determination of compliance.

A preview measurement was generated with the receiver in continuous scan mode. Emissions detected within 6 dB or above limit were re-measured with the appropriate detector against the correlating limit and recorded as the final measurement.

Receiver/Spectrum analyzer settings:

0.15 MHz to 30 MHz

Preview measurements

Receiver: 9 kHz RBW, Peak and Average detector, max hold

Final measurement

Receiver: 9 kHz RBW, Quasi-peak and Average detector

Measurement time 100 ms



Section 8: Testing data		Product: Telemedic MUMS-002
Test name: Clause 15.215(c) Emission bandwidth		
Test date: May 20,2010	Test engineer: Kevin Ma	
Verdict: Pass	Supply input: 110 VAC, 60 Hz	
Temperature: 23.5 °C	Air pressure: 996 mbar	Temperature: 23.5 °C
Specification: FCC Part 15 Subpart C		

8.5 Clause 15.215(c) Emission bandwidth

§ 15.215 Additional provisions to the general radiated emission limitations

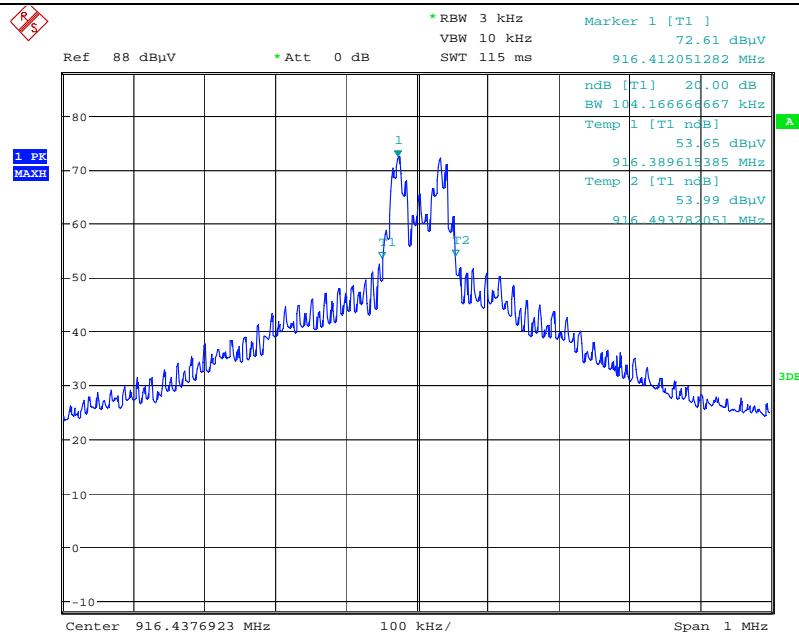
(c) Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated. The requirement to contain the designated bandwidth of the emission within the specified frequency band includes the effects from frequency sweeping, frequency hopping and other modulation techniques that may be employed as well as the frequency stability of the transmitter over expected variations in temperature and supply voltage. If a frequency stability is not specified in the regulations, it is recommended that the fundamental emission be kept within at least the central 80 % of the permitted band in order to minimize the possibility of out-of-band operation.

Special notes

The test was performed using peak detector of the spectrum analyzer with RBW no narrower than 1 % of the emission bandwidth.

Test data

M93 Measured results



Date: 9.JUN.2010 14:27:30

20 dB bandwidth,
(kHz)

104.16



Section 8: Testing data		Product: Telemedic MUMS-002
Test name: Clause 15.249(a) Field strength of radiated emissions not in restricted bands		
Test date: May 20,2010	Test engineer: Kevin Ma	
Verdict: Pass	Supply input: 110 VAC, 60 Hz	
Temperature: 23.5 °C	Air pressure: 996 mbar	Temperature: 23.5 °C
Specification: FCC Part 15 Subpart C		

8.6 Clause 15.249(a) Field strength of radiated emissions not in restricted bands

§ 15.249 Operation within the bands 902–928 MHz, 2400–2483.5 MHz, 5725–5875 MHz, and 24.0–24.25 GHz.

(a) Except as provided in paragraph (b) of this section, the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Fundamental frequency (MHz)	Field strength of fundamental (mV/m)	Field strength of fundamental (dB μ V/m)	Field strength of spurious emissions (μ V/m)	Field strength of spurious emissions (dB μ V/m)
902–928	50	94	500	54
2400–2483.5	50	94	500	54
5725–5875	50	94	500	54
24.0–24.25	250	108	2500	68

(e) As shown in §15.35(b), for frequencies above 1000 MHz, the field strength limits in paragraphs (a) and (b) of this section are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation under paragraph (b) of this section, the peak field strength shall not exceed 2500 millivolts/meter (128 dB μ V/m) at 3 meters along the antenna azimuth.

Special notes

- The spectrum was searched from 30 MHz to the 10th harmonic.
- All measurements were performed at a distance of 3 m.
- All measurements were performed:
 - within 30–1000 MHz range: using a quasi-peak detector with 120 kHz/300 kHz RBW/VBW,
 - above 1 GHz: using peak detector with 1 MHz/3 MHz RBW/VBW for peak results
 - and using peak detector with 1 MHz/10 Hz RBW/VBW for average results

Test data

M93:

Fundamental:

Frequency, (MHz)	Pol.	FS QP, (dB μ V/m)	FS QP Limit, (dB μ V/m)	Margin, (dB)
916.48	H	93.41	94.00	0.59
	V	91.09	94.00	2.91

Harmonics:

Frequency, (MHz)	Pol.	FS Peak, (dB μ V/m)	FS Peak Limit, (dB μ V/m)	Margin, (dB)	FS Avg, (dB μ V/m)	FS Avg Limit, (dB μ V/m)	Margin, (dB)
1832.83	H	50.87	74.00	23.13	49.46	54.00	4.54
	V	45.09	74.00	28.91	41.40	54.00	12.60
2749.27	H	47.76	74.00	26.24	41.29	54.00	12.71
	V	47.00	74.00	27.00	38.03	54.00	15.97
3665.67	H	55.49	74.00	18.51	52.78	54.00	1.22
	V	56.41	74.00	17.59	53.31	54.00	0.69



Section 8: Testing data		Product: Telemedic MUMS-002
Test name: Clause 15.249(d) Spurious emissions (except for harmonics)		
Test date: May 20,2010	Test engineer: Kevin Ma	
Verdict: Pass	Supply input: 110 VAC, 60 Hz	
Temperature: 23.5 °C	Air pressure: 996 mbar	Temperature: 23.5 °C
Specification: FCC Part 15 Subpart C		

8.7 Clause 15.249(d) Spurious emissions (except for harmonics)

§ 15.249 Operation within the bands 902–928 MHz, 2400–2483.5 MHz, 5725–5875 MHz, and 24.0–24.25 GHz.

(d) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.

Special notes

§15.209 – Radiated emission limits

Frequency (MHz)	Field strength		Measurement distance (m)
	(μ V/m)	(dB μ V/m)	
0.009–0.490	2400/F	67.6–20log(F)	300
0.490–1.705	24000/F	87.6–20log(F)	30
1.705–30.0	30	29.5	30
30–88	100	40.0	3
88–216	150	43.5	3
216–960	200	46.0	3
above 960	500	54.0	3

Notes:

- F = fundamental frequency in kHz
- In the emission table above, the tighter limit applies at the band edges.
- For frequencies above 1 GHz the limit on peak RF emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test.

- The spectrum was searched from 30 MHz to the 10th harmonic.
- All measurements were performed at a distance of 3 m.
- All measurements were performed:
 - within 30–1000 MHz range: using a quasi-peak detector with 120 kHz/300 kHz RBW/VBW,
 - above 1 GHz: using peak detector with 1 MHz/3 MHz RBW/VBW for peak results
 - and using peak detector with 1 MHz/10 Hz RBW/VBW for average results

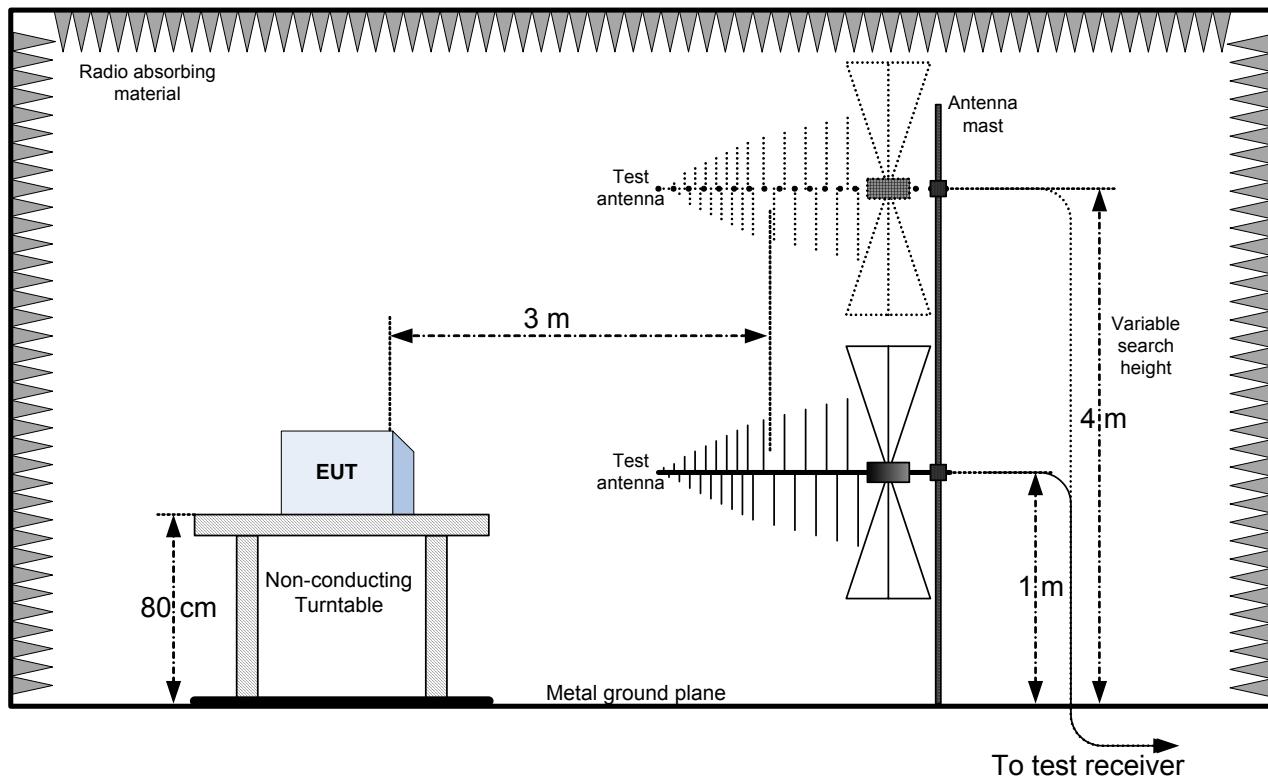
Test data, continued

Frequency, (MHz)	Polarization V/H	Field strength, (dB μ V/m)	Limit, (dB μ V/m)	Margin, (dB)
30.18	V	32.0	40	8.0
84.00	V	33.8	40	6.2

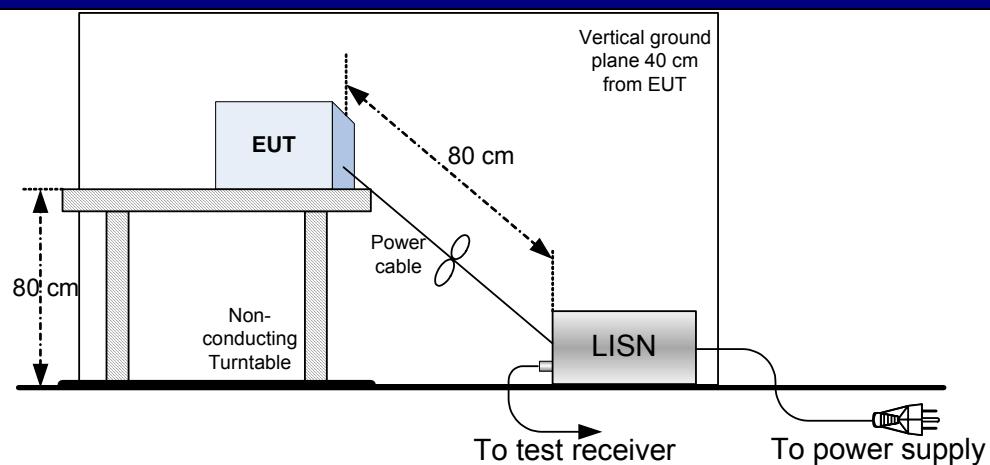
Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.

Section 9: Block diagrams of test set-ups

Radiated emissions set-up



Conducted emissions set-up



Section 10: EUT photos

EUT



EUT

