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Dezember 22,
2009

Prüfbericht / Test Report

Nr. / No. 69861-00628-1 (Edition 1)

Applicant: IDENTEC Solutions AG
Type of equipment: Active UHF Tag
Type designation: i-Q350 RTLS
Order No.: 1930298
Test standards: FCC Code of Federal Regulations,
CFR 47, Part 15,
Sections 15.205, 15.207, 15.215 and 15.249

Industry Canada Radio Standards Specifications
RSS-Gen Issue 2, Section 7.2.2 and
RSS-210 Issue 7, Sections 2.2, A2.9 (Category I Equipment)

Note:

The test data of this report is related only to the individual item which has been tested. This report shall not be reproduced except in full extent without the written approval of the testing laboratory.

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1 Description of the Equipment Under Test (EUT)

General data of EUT	
Type designation ¹ :	i-Q350 RTLS
Parts ² :	
Serial number(s):	0.440.000.203
Manufacturer:	IDENTEC SOLUTIONS AG
Type of equipment:	Active UHF Tag
Version:	As received
FCC ID:	
Additional parts/accessories:	

Technical data of EUT	
Application frequency range:	902 - 928 MHz
Frequency range:	919 - 220 MHz
Operating frequency:	919 MHz, 920 MHz
Type of modulation:	FSK
Pulse train:	---
Pulse width:	---
Number of RF-channels:	2
Channel spacing:	1 MHz
Designation of emissions ³ :	
Type of antenna:	Integrated
Size/length of antenna:	
Connection of antenna:	<input type="checkbox"/> detachable <input checked="" type="checkbox"/> not detachable
Type of power supply:	Battery supply
Specifications for power supply:	nominal voltage: 3.6 V

¹ Type designation of the system if EUT consists of more than one part.

² Type designations of the parts of the system, if applicable.

³ Also known as "Class of Emission".

2 Administrative Data

Application details

Applicant (full address):	IDENTEC Solutions AG Millennium Park 2 A6890 Lustenau
Contact person:	Mr. Simon Prior
Order number:	1930298
Receipt of EUT:	December 1, 2009
Date(s) of test:	December 2009
Note(s):	Mr. Günther Meuthen representing the applicant attended testings on December 1, 2009. This test report covers the operating in the 902 MHz to 928 MHz frequency band. for the operating in the 2.4 GHz frequency band please refer to TÜV SÜD SENTON test report No. 69861-00628-2.

Report details

Report number:	69861-00628-1
Edition:	1
Issue date:	December 22, 2009

3 Identification of the Test Laboratory

Details of the Test Laboratory

Company name:	TÜV SÜD SENTON GmbH
Address:	Aeussere Fruehlingstrasse 45 D-94315 Straubing Germany
Laboratory accreditation:	DAR-Registration No. DAT-PL-171/94-03
FCC test site registration number	90926
Industry Canada test site registration:	3050A
Contact person:	Mr. Johann Roidt
	Phone: +49 9421 5522-0 Fax: +49 9421 5522-99

4 Summary

Summary of test results

The tested sample complies with the requirements set forth in the

Code of Federal Regulations CFR 47, Part 15, Sections 15.205, 15.215 and 15.249

of the Federal Communication Commission (FCC) and the

Radio Standards Specifications

RSS-210 Issue 7, Sections 2.2, A2.9 (Category I Equipment)

of Industry Canada (IC).

Personnel involved in this report

Laboratory Manager:



Mr. Johann Roidt

Responsible for testing:



Mr. Martin Steindl

Responsible for test report:

Mr. Martin Steindl

5 Operation Mode and Configuration of EUT

Operation Mode(s)

The EUT was set up to transmit continuously at 919 MHz and 920 MHz

Configuration(s) of EUT

The EUT was configured as stand alone device controlled by an external reader.

List of ports and cables

Port	Description	Classification ⁴	Cable type	Cable length

List of devices connected to EUT

Item	Description	Type Designation	Serial no. or ID	Manufacturer

List of support devices

Item	Description	Type Designation	Serial no. or ID	Manufacturer
1	Reader	i-PORT M350 RTLS		IDENITEC

⁴ Ports shall be classified as ac power, dc power or signal/control port

6 Measurement Procedures

6.1 Bandwidth Measurements

Measurement Procedure:	
Rules and specifications:	CFR 47 Part 2, section 2.202(a) CFR 47 Part 15, section 15.215(c) IC RSS-Gen Issue 2, sections 4.6.1 and 4.6.2 IC RSS-210 Issue 7, section A1.1.3 ANSI C63.4, annex H.6
Guide:	ANSI C63.4 / IC RSS-Gen Issue 2, sections 4.6.1 and 4.6.2
Measurement setup:	<input type="checkbox"/> Conducted: See below <input checked="" type="checkbox"/> Radiated: Radiated Emission in Fully or Semi Anechoic Room (6.3)
<p>If antenna is detachable bandwidth measurements shall be performed at the antenna connector (conducted measurement) when the transmitter is adjusted in accordance with the tune-up procedure, if applicable. The RF output terminals are connected to a spectrum analyzer. If required, a resistive matching network equal to the impedance specified or employed for the antenna is used as well as dc block and appropriate attenuators (50 Ohms). The electrical characteristics of the radio frequency load attached to the output terminals shall be stated, if applicable.</p> <p>If radiated measurements are performed the same test setups and instruments are used as with radiated emission measurements for the appropriate frequency range.</p> <p>The analyzer settings are specified by the test description of the appropriate test record(s).</p>	

6.2 Radiated Emission Measurement 9 kHz to 30 MHz

Measurement Procedure:

Rules and specifications: CFR 47 Part 15, sections 15.215(b) and 15.249(d)
IC RSS-210 Issue 7, section A2.9(b)

Guide: ANSI C63.4

Radiated emission in the frequency range 9 kHz to 30 MHz is measured using an active loop antenna. First the whole spectrum of emission caused by the equipment is recorded at a distance of 3 meters in a fully or semi anechoic room with the detector of the spectrum analyzer or EMI receiver set to peak. This configuration is also used for recording the spectrum of intentional radiators.

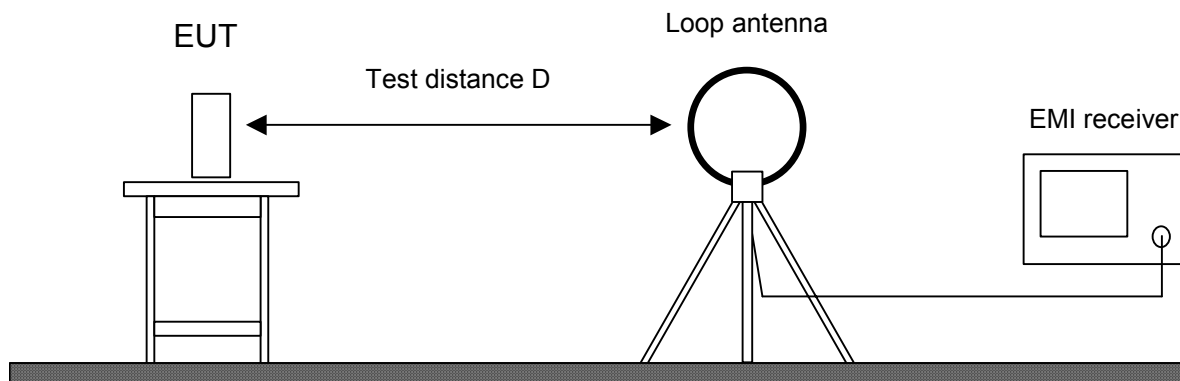
Hand-held or body-worn devices are rotated through three orthogonal axes to determine which attitude and configuration produces the highest emission relative to the limit and therefore shall be used for final testing.

EUT is rotated all around to find the maximum levels of emissions. Equipment and cables are placed and moved within the range of position likely to find their maximum emissions.

If worst case emission of the EUT cannot be recorded with EUT in standard position and loop antenna in vertical polarization the EUT (or the radiating part of the EUT) is rotated by 90 degrees instead of changing the loop antenna to horizontal polarization. This procedure is selected to minimize the influence of the environment (e.g. effects caused by the floor especially with longer distances).

Final measurement is performed at a test distance D of 30 meters using an open field test site. In case the regulation requires testing at other distances, the result is extrapolated by either making measurements at an additional distance D of 10 meters to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). In cases of very low emissions measurements are performed at shorter distances and results are extrapolated to the required distance. The provisions of CFR 47 Part 15 sections 15.31(d) and (f)(2) apply. According to CFR 47 Part 15 section 15.209(d) final measurement is performed with detector function set to quasi-peak except for the frequency bands 9 to 90 kHz and 110 to 490 kHz where, for non-pulsed operation, average detector is employed.

If the radiated emission limits are expressed in terms of the average value of the emission there also is a peak limit corresponding to 20 dB above the maximum permitted average limit. Additionally, if pulsed operation is employed, the average field strength is determined by averaging over one complete pulse train, including blanking intervals, as specified in CFR 47 Part 15 section 15.35(c). If the pulse train exceeds 0.1 second that 0.1 second interval during which the value of the emission is at its maximum is selected for calculation. The pulse train correction is added to the peak value of the emission to get the average value.



Test instruments used:

Used	Type	Model	Serial No. or ID	Manufacturer
<input checked="" type="checkbox"/>	Spectrum Analyzer	FSP 30	100063	Rohde & Schwarz
<input type="checkbox"/>	EMI test receiver	ESMI	839379/013 839587/006	Rohde & Schwarz
<input checked="" type="checkbox"/>	Test receiver	ESHS 10	860043/016	Rohde & Schwarz
<input type="checkbox"/>	Preamplifier	CPA9231A	3393	Schaffner
<input checked="" type="checkbox"/>	Loop antenna	HFH2-Z2	882964/1	Rohde & Schwarz
<input checked="" type="checkbox"/>	Fully anechoic room	No. 2	1452	Albatross Projects
<input type="checkbox"/>	Semi-anechoic room	No. 3	1453	Siemens
<input checked="" type="checkbox"/>	Open field test site	EG 1	1450	Senton

6.3 Radiated Emission in Fully or Semi Anechoic Room

Measurement Procedure:

Rules and specifications:	CFR 47 Part 15, sections 15.215(b) and 15.249 IC RSS-210 Issue 7, section A2.9
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Guide:	ANSI C63.4
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Radiated emission in fully or semi anechoic room is measured in the frequency range from 30 MHz to the maximum frequency as specified in CFR 47 Part 15 section 15.33.

Measurements are made in both the horizontal and vertical planes of polarization in a fully anechoic room using a spectrum analyzer with the detector function set to peak and resolution as well as video bandwidth set to 100 kHz (below 1 GHz) or 1 MHz (above 1 GHz).

Testing up to 1 GHz is performed with a linear polarized logarithmic periodic antenna combined with a 4:1 broadband dipole ("Trilog broadband antenna"). For testing above 1 GHz horn antennas are used.

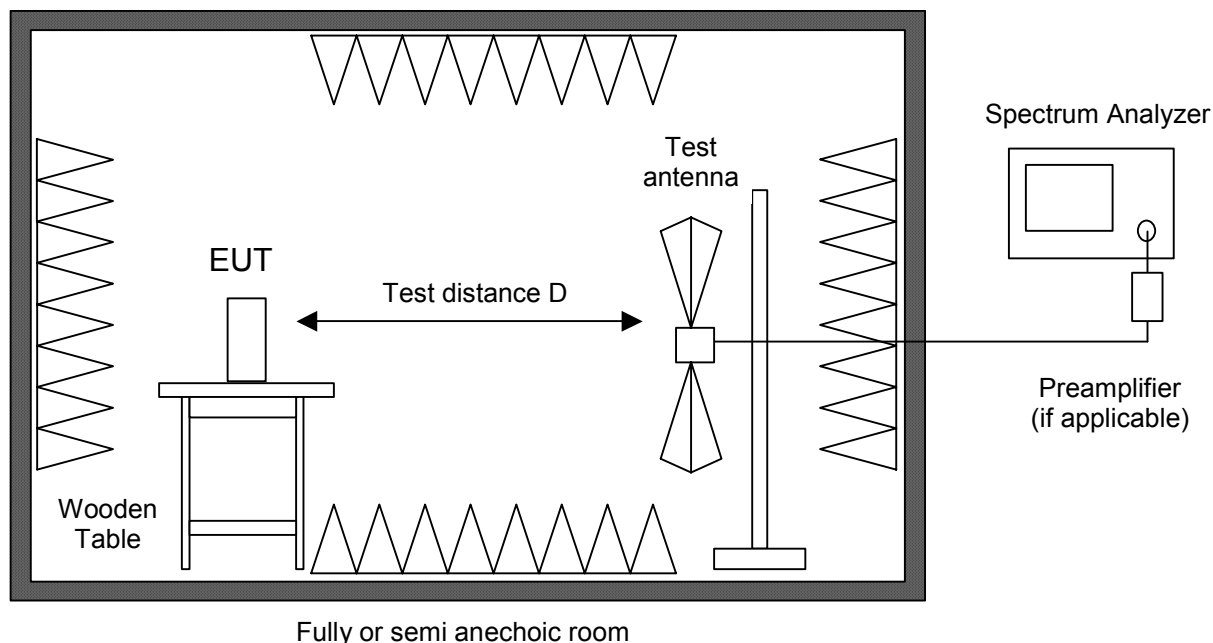
All tests below 8.2 GHz are performed at a test distance D of 3 meters. For higher frequencies the test distance may be reduced (e.g. to 1 meter) due to the sensitivity of the measuring instrument(s) and the test results are calculated according to CFR 47 Part 15 section 15.31(f)(1) using an extrapolation factor of 20 dB/decade. If required, preamplifiers are used for the whole frequency range. Special care is taken to avoid overload, using appropriate attenuators and filters, if necessary.

If the radiated emission limits are expressed in terms of the average value of the emission there also is a peak limit corresponding to 20 dB above the maximum permitted average limit. Additionally, if pulsed operation is employed, the average field strength is determined by averaging over one complete pulse train, including blanking intervals, as specified in CFR 47 Part 15 section 15.35(c). If the pulse train exceeds 0.1 second that 0.1 second interval during which the value of the emission is at its maximum is selected for calculation. The pulse train correction is added to the peak value of the emission to get the average value.

Hand-held or body-worn devices are rotated through three orthogonal axes to determine which attitude and configuration produces the highest emission relative to the limit and therefore shall be used for final testing.

During testing the EUT is rotated all around to find the maximum levels of emissions. Equipment and cables are placed and moved within the range of position likely to find their maximum emissions.

For final testing below 1 GHz an open field test-site is used and the plots recorded in the fully or semi anechoic room are indicated as prescans.

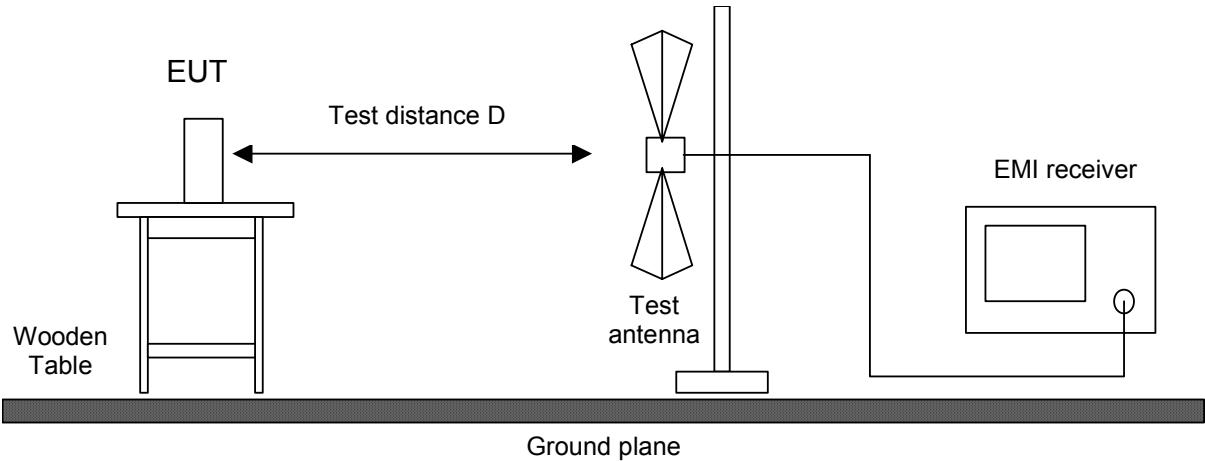


Test instruments used:

Used	Type	Model	Serial No. or ID	Manufacturer
<input checked="" type="checkbox"/>	Spectrum Analyzer	FSP 30	100063	Rohde & Schwarz
<input type="checkbox"/>	EMI test receiver	ESPI7	101018	Rohde & Schwarz
<input type="checkbox"/>	EMI test receiver	ESMI	839379/013 839587/006	Rohde & Schwarz
<input checked="" type="checkbox"/>	Preamplifier	CPA9231A	3393	Schaffner
<input type="checkbox"/>	Preamplifier	R14601		Advantest
<input checked="" type="checkbox"/>	Preamplifier 1-8 GHz	AFS3-00100800-32-LN	847743	Miteq
<input type="checkbox"/>	Preamplifier 0.5-8 GHz	AMF-4D-005080-25-13P	860149	Miteq
<input checked="" type="checkbox"/>	Preamplifier 8-18 GHz	ACO/180-3530	32641	CTT
<input type="checkbox"/>	External Mixer	WM782A	845881/005	Tektronix
<input type="checkbox"/>	Harmonic Mixer	FS-Z30	843389/007	Rohde & Schwarz
	Accessories			
<input checked="" type="checkbox"/>	Trilog broadband antenna	VULB 9163	9163-188	Schwarzbeck
<input checked="" type="checkbox"/>	Horn antenna	3115	9508-4553	EMCO
<input type="checkbox"/>	Horn antenna	3160-03	9112-1003	EMCO
<input type="checkbox"/>	Horn antenna	3160-04	9112-1001	EMCO
<input checked="" type="checkbox"/>	Horn antenna	3160-05	9112-1001	EMCO
<input checked="" type="checkbox"/>	Horn antenna	3160-06	9112-1001	EMCO
<input checked="" type="checkbox"/>	Horn antenna	3160-07	9112-1008	EMCO
<input type="checkbox"/>	Horn antenna	3160-08	9112-1002	EMCO
<input type="checkbox"/>	Horn antenna	3160-09	9403-1025	EMCO
<input type="checkbox"/>	Horn antenna	3160-10	399185	EMCO
<input type="checkbox"/>	Fully anechoic room	No. 2	1452	Albatross Projects
<input type="checkbox"/>	Semi-anechoic room	No. 3	1453	Siemens

6.4 Radiated Emission at Open Field Test Site

Measurement Procedure:	
Rules and specifications:	CFR 47 Part 15, sections 15.215(b) and 15.249 IC RSS-210 Issue 7, section A2.9
Guide:	ANSI C63.4
<p>Radiated emission at open field test site is measured in the frequency range 30 MHz to 1 GHz using a biconical antenna up to 300 MHz and a logarithmic periodic antenna above. The measurement bandwidth of the test receiver is set to 120 kHz with quasi-peak detector selected.</p> <p>If the radiated emission limits are expressed in terms of the average value of the emission there also is a peak limit corresponding to 20 dB above the maximum permitted average limit. Additionally, if pulsed operation is employed, the average field strength is determined by averaging over one complete pulse train, including blanking intervals, as specified in CFR 47 Part 15 section 15.35(c). If the pulse train exceeds 0.1 second that 0.1 second interval during which the value of the emission is at its maximum is selected for calculation. The pulse train correction is added to the peak value of the emission to get the average value.</p> <p>Hand-held or body-worn devices are tested in the position producing the highest emission relative to the limit as verified by prescans in the fully anechoic room. EUT is rotated all around and receiving antenna is raised and lowered within 1 meter to 4 meters to find the maximum levels of emission. Equipment and cables are placed and moved within the range of position likely to find their maximum emissions.</p> <p>For measuring emissions of intentional radiators and receivers a test distance D of 3 meters is selected. Testing of unintentional radiators is performed at a distance of 10 meters. If limits specified for 3 meters shall be used for measurements performed at 10 meters distance the limits are calculated according to CFR 47 Part 15 section 15.31(d) and (f)(1) using an inverse linear-distance extrapolation factor of 20 dB/decade.</p>	

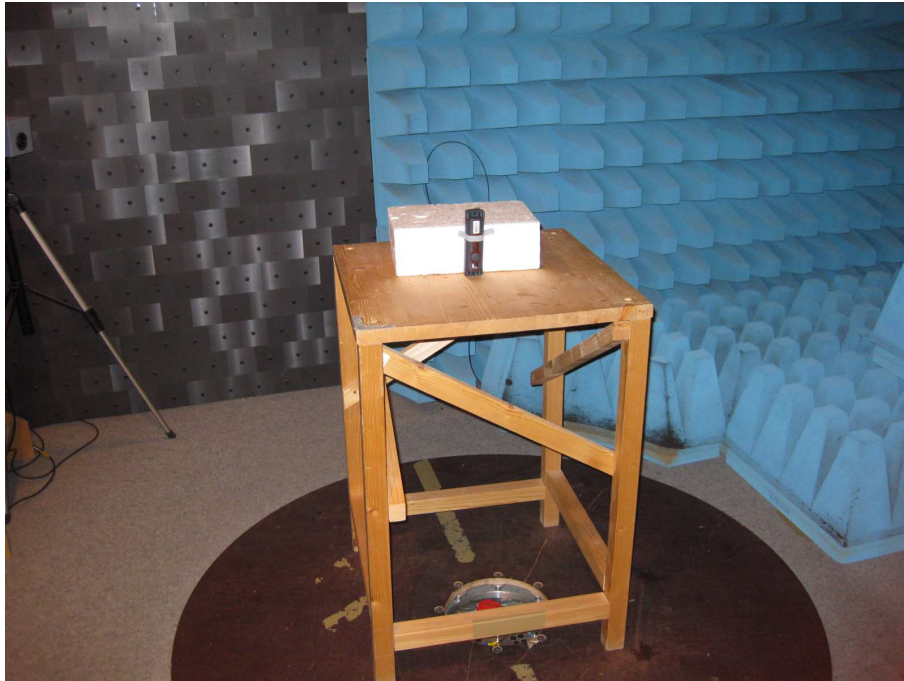


Test instruments used:

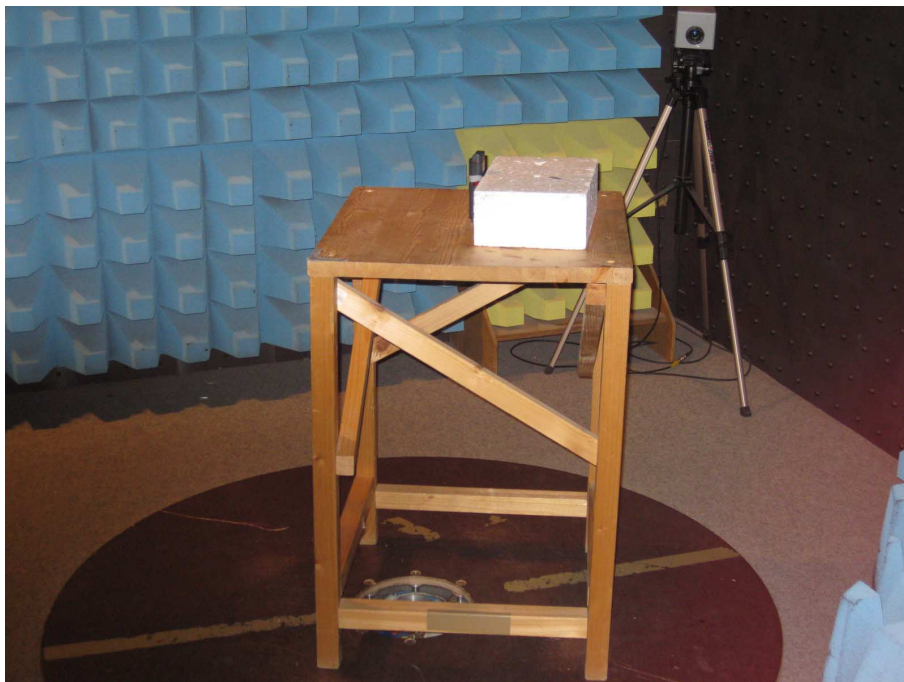
Used	Type		Model	Serial No. or ID	Manufacturer
<input checked="" type="checkbox"/>	EMI receiver	EG 1	ESVP	881120/024	Rohde & Schwarz
<input type="checkbox"/>	EMI receiver		ESVP	891846/003	Rohde & Schwarz
<input checked="" type="checkbox"/>	Biconical antenna	EG 1	HK 116	842204/001	Rohde & Schwarz
<input checked="" type="checkbox"/>	Log. per. antenna	EG 1	HL 223	841516/023	Rohde & Schwarz
<input checked="" type="checkbox"/>	Open field test site		EG 1	1450	Senton

7 Photographs Taken During Testing

Test setup for radiated emission measurement 9 kHz – 30 MHz



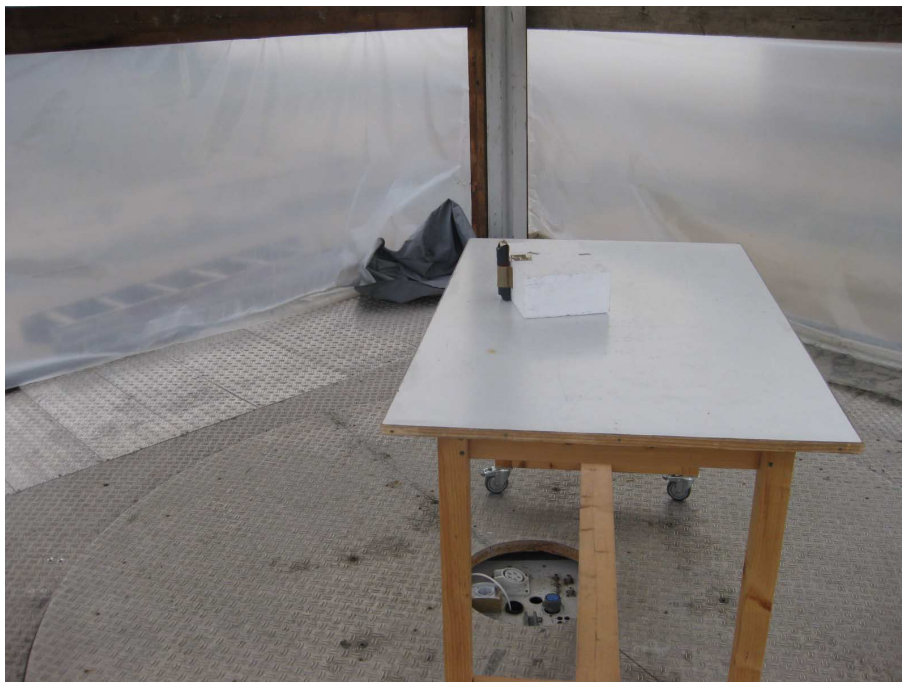
Test setup for radiated emission measurement (fully anechoic room)



Test setup for radiated emission measurement (open field test site)



Test setup for radiated emission measurement (open field test site) - continued -



8 Test Results

FCC CFR 47 Parts 2 and 15

Section(s)	Test	Page	Result
2.1046(a)	Conducted output power	---	Not applicable
2.202(a)	Occupied bandwidth	22	Recorded
15.215(c)	Bandwidth of the emission	28	Test passed
2.201, 2.202	Class of emission	31	Calculated
15.35(c)	Pulse train measurement for pulsed operation	---	Not applicable
15.205(a)	Restricted bands of operation	32	Test passed
15.207	Conducted AC powerline emission 150 kHz to 30 MHz	---	Not applicable
15.205(b) 15.249	Radiated emission 9 kHz to 30 MHz	35	Test passed
15.205(b) 15.215(b) 15.249	Radiated emission 30 MHz to 10 GHz	36	Test passed

IC RSS-Gen Issue 2

Section(s)	Test	Page	Result
4.8	Transmitter output power (conducted)	---	Not applicable
4.6.1	Occupied Bandwidth	22	Recorded
3.2(h), 8	Designation of emissions	31	Calculated
4.5	Pulsed operation	---	Not applicable
7.2.2	Transmitter AC power lines conducted emissions 150 kHz to 30 MHz	---	Not applicable
5.5	Exposure of Humans to RF Fields	39	Exempted from SAR and RF evaluation

IC RSS-210 Issue 7

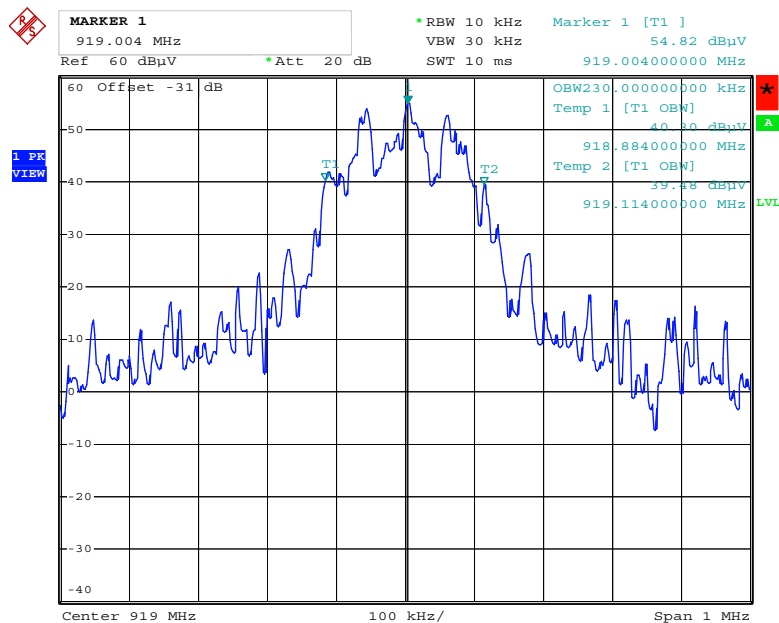
Section(s)	Test	Page	Result
2.2(a)	Restricted bands and unwanted emission frequencies	32	Test passed
2.2(b)(c), 2.6 A2.9	Unwanted emissions 9 kHz to 30 MHz	35	Test passed
2.2(b)(c), 2.6 A2.9	Unwanted emissions 30 MHz to 10 GHz	36	Test passed

8.1 Occupied Bandwidth

Rules and specifications:	CFR 47 Part 2, section 2.202(a) ANSI C63.4, annex H.6	
Guide:	ANSI C63.4	
Description:	<p>The occupied bandwidth according to CFR 47 Part 2, section 2.202(a), is measured as the 99% emission bandwidth, i.e. below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5% of the total mean power radiated by a given emission.</p> <p>The occupied bandwidth according to ANSI C63.4, annex H.6; is measured as the frequency range defined by the points that are 26 dB down relative to the maximum level of the modulated carrier.</p> <p>The resolution bandwidth of the spectrum analyzer shall be set to a value greater than 5.0% of the allowed bandwidth. If no bandwidth specifications are given, the following guidelines are used:</p>	
	Fundamental frequency	Minimum resolution bandwidth
	9 kHz to 30 MHz	1 kHz
	30 MHz to 1000 MHz	10 kHz
	1000 MHz to 40 GHz	100 kHz
	The video bandwidth shall be at least three times greater than the resolution bandwidth.	
	Measurement procedure:	Bandwidth Measurements (6.1)

Comment:	
Date of test:	December 11, 2009
Test site:	Fully anechoic room, cabin no. 2

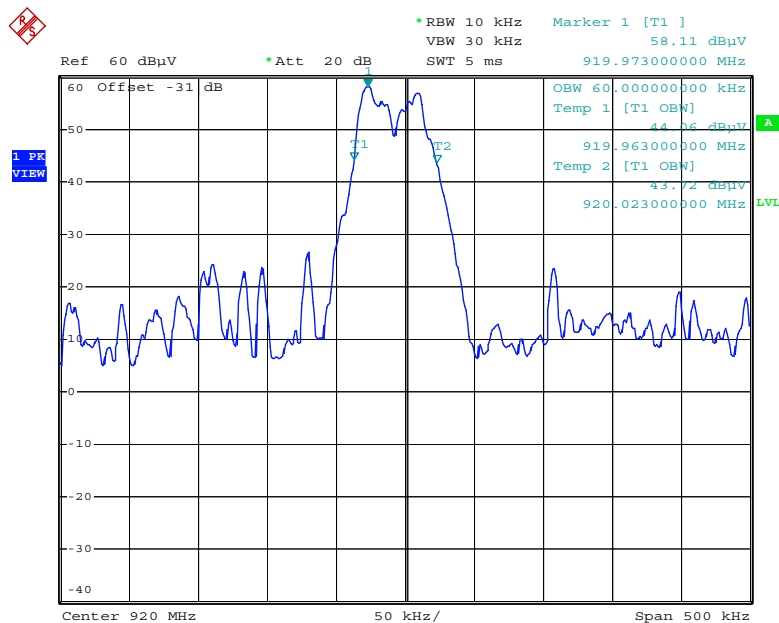
Occupied Bandwidth (99 %):



Date: 11.DEC.2009 12:42:19

Occupied Bandwidth (99 %): **230 kHz**

Occupied Bandwidth (99 %):



Date: 11.DEC.2009 12:43:09

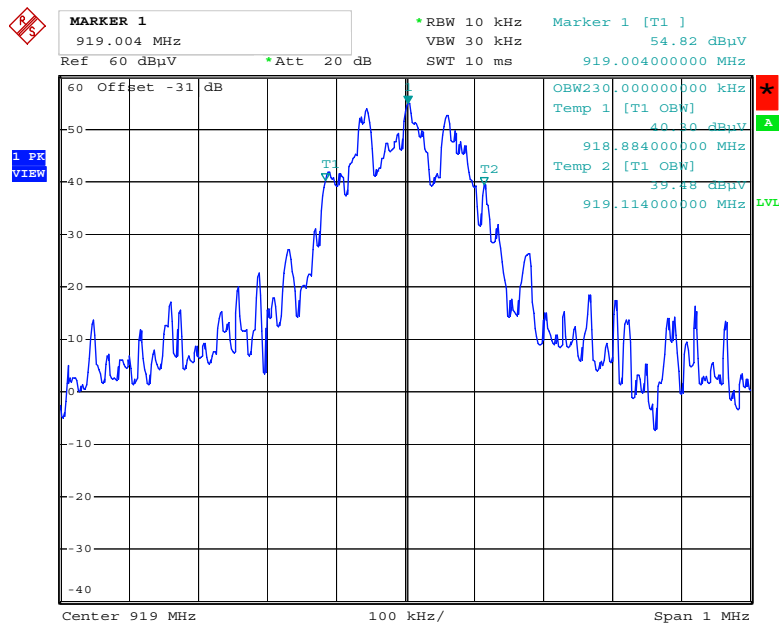
Occupied Bandwidth (99 %): **60 kHz**

Occupied Bandwidth (continued)

Rules and specifications:	IC RSS-Gen Issue 2, section 4.6.1
Guide:	IC RSS-Gen Issue 2, section 4.6.1
Description:	<p>If not specified in the applicable RSS the occupied bandwidth is measured as the 99% emission bandwidth.</p> <p>The span of the analyzer shall be set to capture all products of the modulation process, including the emission skirts. The resolution bandwidth shall be set to as close to 1% of the selected span as is possible without being below 1%. The video bandwidth shall be set to 3 times the resolution bandwidth.</p> <p>The trace data points are recovered and are directly summed in linear terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached and that frequency recorded. The process is repeated for the highest frequency data points. This frequency is also recorded. The span between the two recorded frequencies is the occupied bandwidth.</p>
Measurement procedure:	Bandwidth Measurements (6.1)

Comment:	
Date of test:	December 11, 2009
Test site:	Fully anechoic room, cabin no. 2

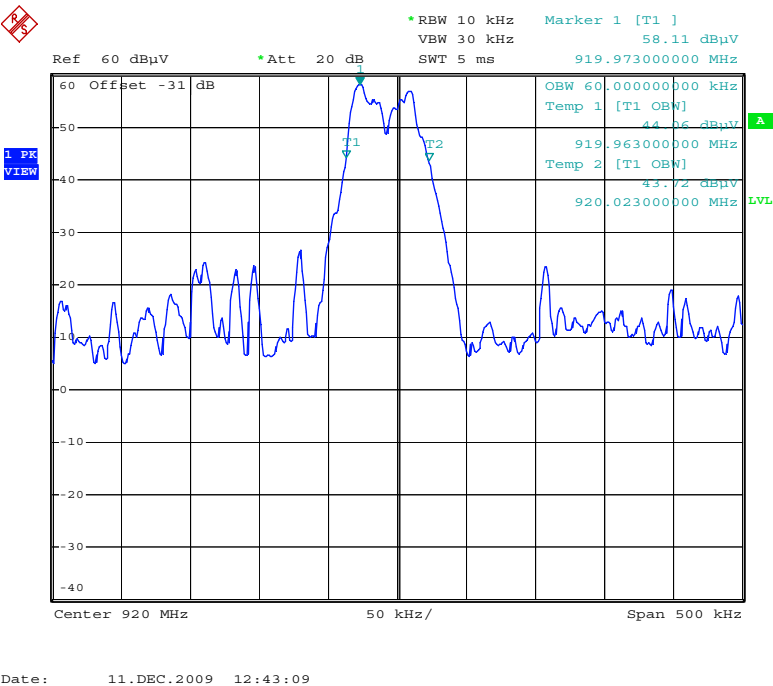
Occupied Bandwidth (99 %):



Date: 11.DEC.2009 12:42:19

Occupied Bandwidth (99 %): **230 kHz**

Occupied Bandwidth (99 %):



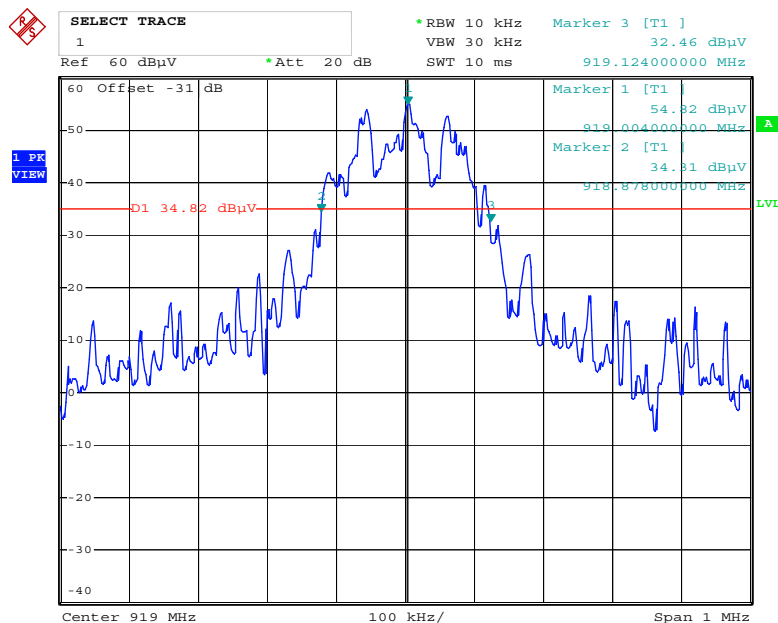
Occupied Bandwidth (99 %):	60 kHz
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8.2 Bandwidth of the Emission

Rules and specifications:	CFR 47 Part 15, section 15.215(c)	
Guide:	ANSI C63.4	
Description:	<p>The 20 dB bandwidth of the emission is measured as the frequency range defined by the points that are 20 dB down relative to the maximum level of the modulated carrier.</p> <p>For intentional radiators operating under the alternative provisions to the general emission limits the requirement to contain the 20 dB 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.</p> <p>The resolution bandwidth of the spectrum analyzer shall be set to a value greater than 5.0% of the allowed bandwidth. If no bandwidth specifications are given, the following guidelines are used:</p>	
	Fundamental frequency	Minimum resolution bandwidth
	9 kHz to 30 MHz	1 kHz
	30 MHz to 1000 MHz	10 kHz
	1000 MHz to 40 GHz	100 kHz
	<p>The video bandwidth shall be at least three times greater than the resolution bandwidth.</p>	
Measurement procedure:	Bandwidth Measurements (6.1)	

Comment:	
Date of test:	December 11, 2009
Test site:	Fully anechoic room, cabin no. 2

Test Result:	Test passed
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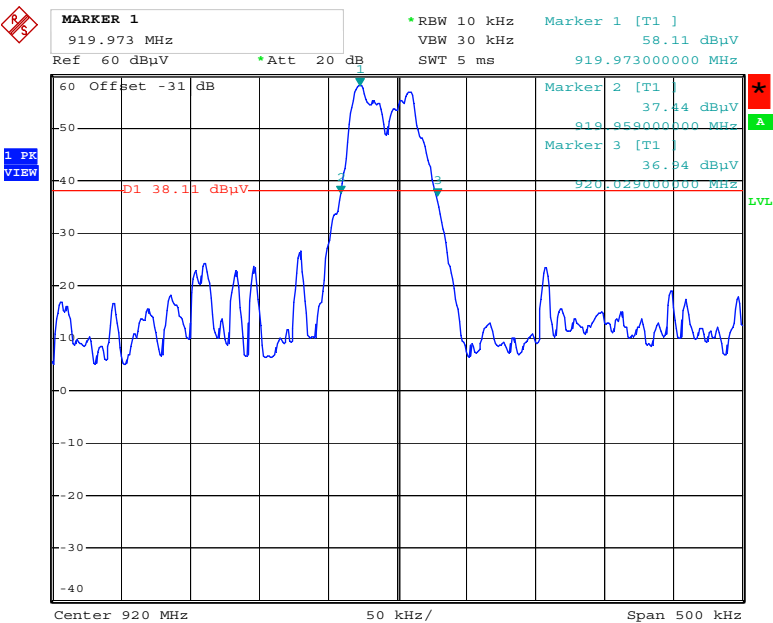


Date: 11.DEC.2009 12:41:53

Permitted frequency band:	902 - 928 MHz	
20 dB bandwidth:	246 kHz	
Carrier frequency stability:	<input type="checkbox"/> specified	<input checked="" type="checkbox"/> not specified
Maximum frequency tolerances:	---	
Bandwidth of the emission:	246 kHz	within permitted frequency band ⁵ : <input checked="" type="checkbox"/> yes <input type="checkbox"/> no

Test Result:	Test passed
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⁵ If a frequency stability is not specified, it is recommended that the fundamental emission is kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.



Date: 11.DEC.2009 12:43:51

Permitted frequency band:	902 - 928 MHz	
20 dB bandwidth:	70 kHz	
Carrier frequency stability:	<input type="checkbox"/> specified	<input checked="" type="checkbox"/> not specified
Maximum frequency tolerances:	---	
Bandwidth of the emission:	70 kHz	within permitted frequency band ⁶ : <input checked="" type="checkbox"/> yes <input type="checkbox"/> no

Test Result:	Test passed
--------------	-------------

⁶ If a frequency stability is not specified, it is recommended that the fundamental emission is kept within at least the central 80% of the permitted band in order to minimize the possibility of out-of-band operation.

8.3 Designation of Emissions

Rules and specifications:	CFR 47 Part 2, sections 2.201 and 2.202 IC RSS-Gen Issue 2, sections 3.2(h) and 8
Guide:	ANSI C63.4 / TRC-43

Type of modulation:	Frequency Shift Keying (FSK)
---------------------	------------------------------

B_n = Necessary Bandwidth	$B_n = 2M + 2DK$
D = Peak deviation	M = 68 kHz
K = Overall numerical factor	D = 58 kHz
B = Modulation rate	K = 1
Calculation:	$B_n = 2 \cdot (68 \text{ kHz}) + 2 \cdot (58 \text{ kHz}) \cdot 1 = 252 \text{ kHz}$

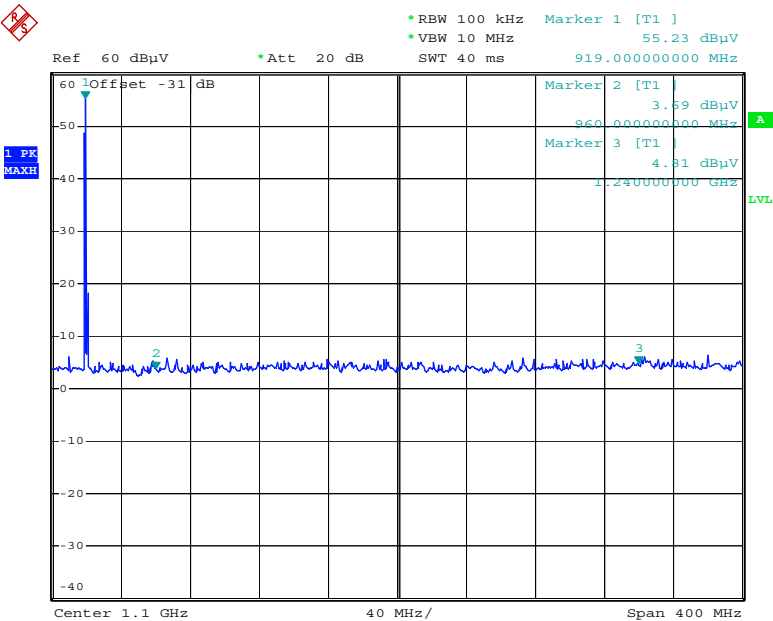
Designation of Emissions:	252KF1D
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8.4 Restricted Bands of Operation

Rules and specifications:	CFR 47 Part 15, section 15.205(a) IC RSS-210 Issue 7, section 2.2(a)
Guide:	ANSI C63.4
Limit:	Only spurious emissions are permitted in any of the frequency bands listed in CFR 47 Part 15, section 15.205(a) or IC RSS-210 Issue 7, section 2.2(a).
Measurement procedure:	Radiated Emission in Fully or Semi Anechoic Room (6.3)

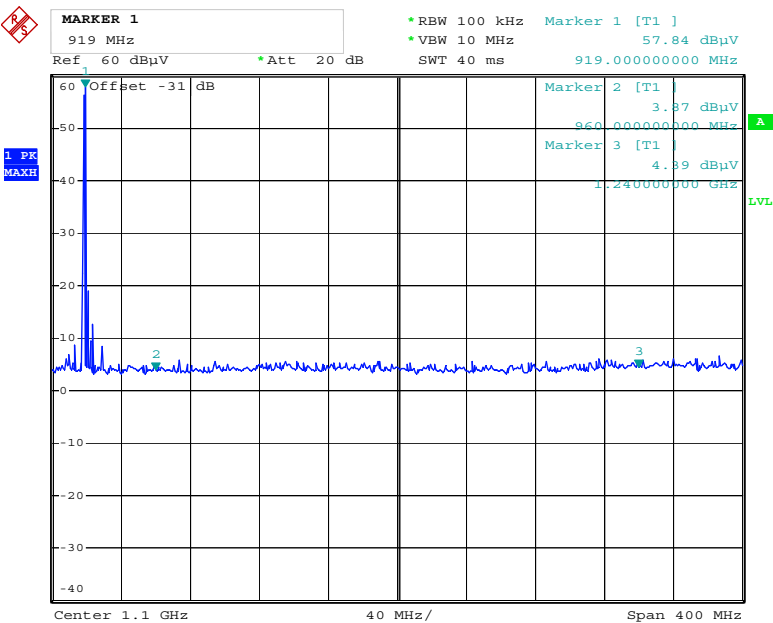
Comment:	
Date of test:	December 11, 2009
Test site:	Fully anechoic room, cabin no. 2
Test distance:	3 meters

Test Result:	Test passed
--------------	-------------



Date: 11.DEC.2009 12:37:42

Test Result:	Test passed
--------------	-------------



Date: 11.DEC.2009 12:36:00

Test Result:	Test passed
--------------	-------------

8.5 Radiated Emission Measurement 9 kHz to 30 MHz

Rules and specifications:	CFR 47 Part 15, sections 15.215(b) and 15.249(d) IC RSS-210 Issue 7, section A2.9(b)			
Guide:	ANSI C63.4			
Limit:	Frequency of Emission (MHz)	Field Strength (µV/m)	Field Strength (dBµV/m)	Measurement Distance d (meters)
	0.009 - 0.490	2400/F(kHz)	67.6 - 20 · log(F(kHz))	300
	0.490 - 1.705	24000/F(kHz)	87.6 - 20 · log(F(kHz))	30
	1.705 - 30.000	30	29.5	30
	Additionally, the level of any unwanted emissions shall not exceed the level of the fundamental emission.			
Measurement procedure:	Radiated Emission Measurement 9 kHz to 30 MHz (6.2)			

Comment:	
Date of test:	December 1, 2009
Test site:	Open field test site

Test Result:	Test passed
--------------	-------------

No emissions above noise level detected

Sample calculation of final values:

$$\begin{aligned} \text{Extrapolation Factor (dB)} &= (\text{Log}(d) - \text{Log}(d_1)) \cdot \text{Extrapolation Factor (dB/decade)} \\ \text{Final Value (dBµV/m)} &= \text{Reading Value } d_1 \text{ (dBµV)} + \text{Correction Factor (dB/m)} \\ &\quad + \text{Extrapolation Factor (dB)} + \text{Pulse Train Correction (dB)} \end{aligned}$$

Note: Extrapolation factor (dB) and final value (dBµV/m) are relating to distance d.

8.6 Radiated Emission Measurement 30 MHz to 10 GHz

Rules and specifications:	CFR 47 Part 15, sections 15.215(b) and 15.249 IC RSS-210 Issue 7, section A2.9		
Guide:	ANSI C63.4		
Limit:	Frequency of Emission (MHz)	Field Strength ($\mu\text{V/m}$)	Field Strength ($\text{dB}\mu\text{V/m}$)
	30 - 88	100	40.0
	88 - 216	150	43.5
	216 - 960	200	46.0
	Above 960	500	54.0
Additionally, the level of any unwanted emissions shall not exceed the level of the fundamental emission.			
Measurement procedures:	Radiated Emission in Fully or Semi Anechoic Room (6.3) Radiated Emission at Open Field Test Site (6.4)		
Test Result:	Test passed		

Comment:	
Date of test:	Transmitting with 919 MHz
Test site:	Frequencies ≤ 1 GHz: Open field test site Frequencies > 1 GHz: Fully anechoic room, cabin no. 2
Test distance:	3 meters

Test Result:	Test passed
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Frequency (MHz)	Antenna Polarization	Detector	Receiver Reading (dBµV)	Correction Factor (dB/m)	Pulse Train Correction (dB)	Final Value (dBµV/m)	Limit (dBµV/m)	Margin (dB)
919.000	vertical	Quasi-Peak	55.3	27.6		82.9	94.0	11.1

Sample calculation of final values:

$$\text{Final Value (dB}\mu\text{V/m)} = \text{Reading Value (dB}\mu\text{V)} + \text{Correction Factor (dB/m)} + \text{Pulse Train Correction (dB)}$$

Comment:	
Date of test:	Transmitting with 920 Mhz
Test site:	Frequencies ≤ 1 GHz: Open field test site Frequencies > 1 GHz: Fully anechoic room, cabin no. 2
Test distance:	3 meters

Test Result:	Test passed
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Frequency (MHz)	Antenna Polarization	Detector	Receiver Reading (dBµV)	Correction Factor (dB/m)	Pulse Train Correction (dB)	Final Value (dBµV/m)	Limit (dBµV/m)	Margin (dB)
920.000	vertical	Quasi-Peak	65.6	27.6		93.2	94.0	0.8

Sample calculation of final values:

$$\text{Final Value (dB}\mu\text{V/m)} = \text{Reading Value (dB}\mu\text{V)} + \text{Correction Factor (dB/m)} + \text{Pulse Train Correction (dB)}$$

9 Referenced Regulations

All tests were performed with reference to the following regulations and standards:

<input checked="" type="checkbox"/>	CFR 47 Part 2	Code of Federal Regulations Part 2 (Frequency allocation and radio treaty matters; General rules and regulations) of the Federal Communication Commission (FCC)	October 1, 2008
<input checked="" type="checkbox"/>	CFR 47 Part 15	Code of Federal Regulations Part 15 (Radio Frequency Devices) of the Federal Communication Commission (FCC)	October 1, 2008
<input checked="" type="checkbox"/>	ANSI C63.4	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	December 11, 2003 (published on January 30, 2004)
<input checked="" type="checkbox"/>	RSS-Gen	Radio Standards Specification RSS-Gen Issue 2 containing General Requirements and Information for the Certification of Radiocommunication Equipment, published by Industry Canada	June 2007
<input checked="" type="checkbox"/>	RSS-210	Radio Standards Specification RSS-210 Issue 7 for Low Power Licence-Exempt Radiocommunication Devices (All Frequency Bands): Category I Equipment, published by Industry Canada	June 2007
<input type="checkbox"/>	RSS-310	Radio Standards Specification RSS-310 Issue 2 for Low-power Licence-exempt Radiocommunication Devices (All Frequency Bands): Category II Equipment, published by Industry Canada	June 2007
<input checked="" type="checkbox"/>	RSS-102	Radio Standards Specification RSS-102 Issue 3: Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands) , published by Industry Canada	June 2009
<input type="checkbox"/>	ICES-003	Interference-Causing Equipment Standard ICES-003 Issue 4 for Digital Apparatus, published by Industry Canada	February 7, 2004
<input checked="" type="checkbox"/>	CISPR 22	Third Edition of the International Special Committee on Radio Interference (CISPR), Pub. 22, "Information Technology Equipment – Radio Disturbance Characteristics – Limits and Methods of Measurement"	1997
<input type="checkbox"/>	CAN/CSA-CEI/IEC CISPR 22	Limits and Methods of Measurement of Radio Disturbance Characteristics of Information Technology Equipment	2002

☒ TRC-43

Notes Regarding Designation of Emission (Including
Necessary Bandwidth and Classification), Class of
Station and Nature of Service, published by Industry
Canada

October 9, 1982

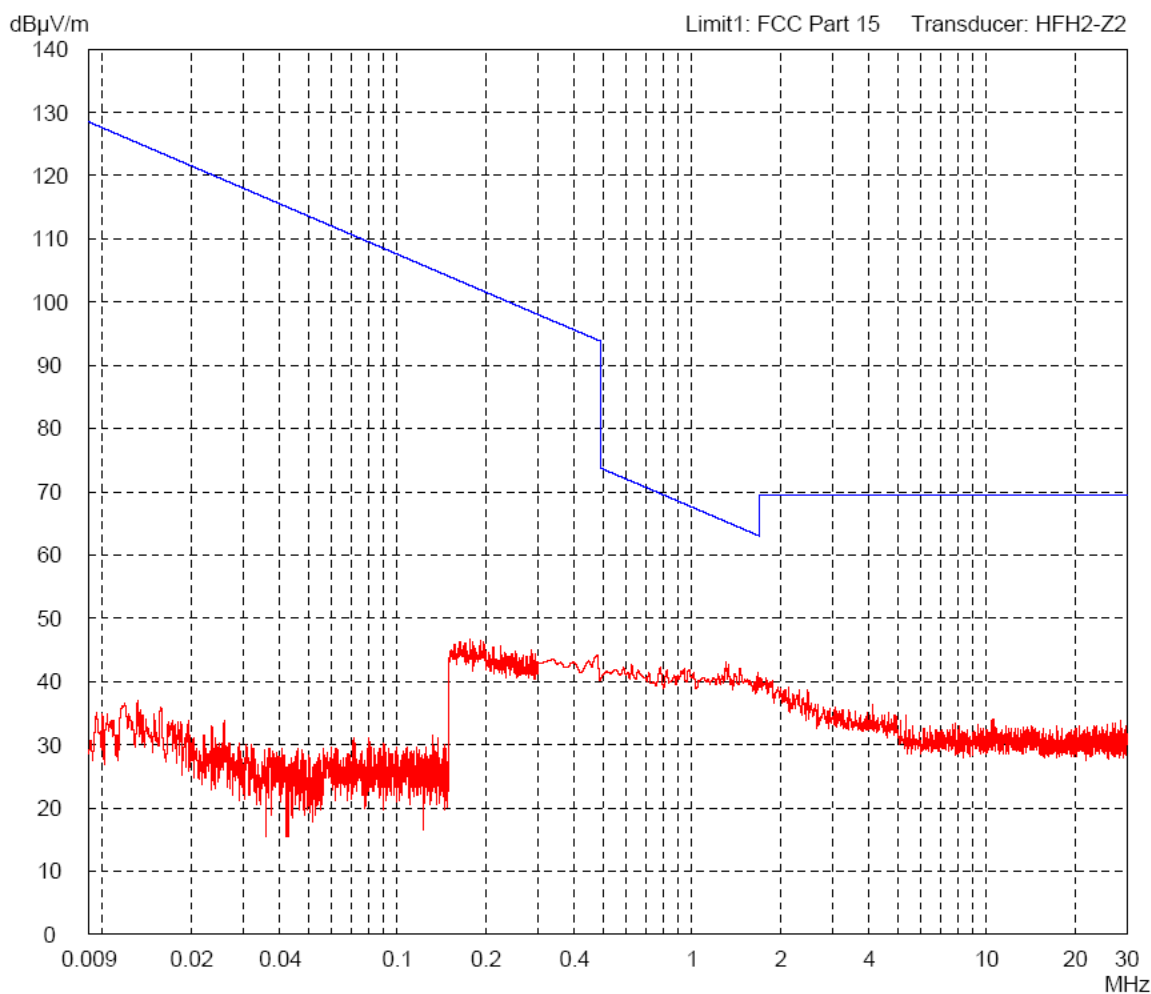
10 Revision History

Revision History			
<i>Edition</i>	<i>Date</i>	<i>Issued by</i>	<i>Modifications</i>
1			First Edition

11 Charts taken during testing

Radiated Emission Test 9 kHz - 30 MHz acc. to FCC Part 15 Subpart C (FAR)

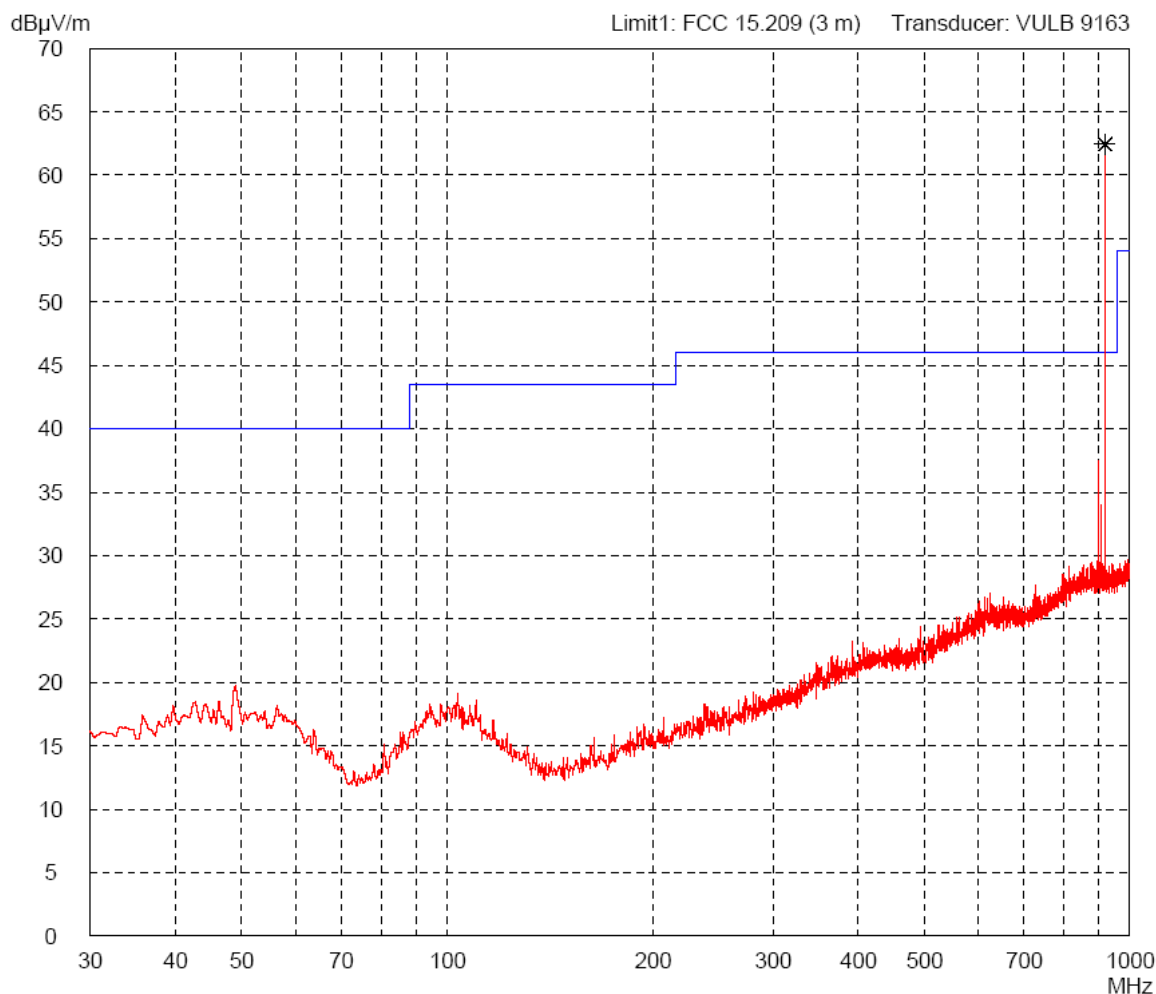
Model: i-Q350 RTLS		Comment: - Internal battery supply - Transmitting continuously (Broadcast 919 MHz)
Serial no.: 0.440.000.203		
Applicant: Identec Solutions		
Test site: Fully anechoic room, cabin no. 2		
Tested on: Test distance 3 metres		
Date of test: 12/01/2009	Operator: M. Steindl	
Test performed: by hand	File name: default.emi	
Detector: Peak		List of values: 10 dB Margin 50 Subranges



Result: Prescan	Project file: 69861-00628	Page of Pages
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 Subpart C (FAR)

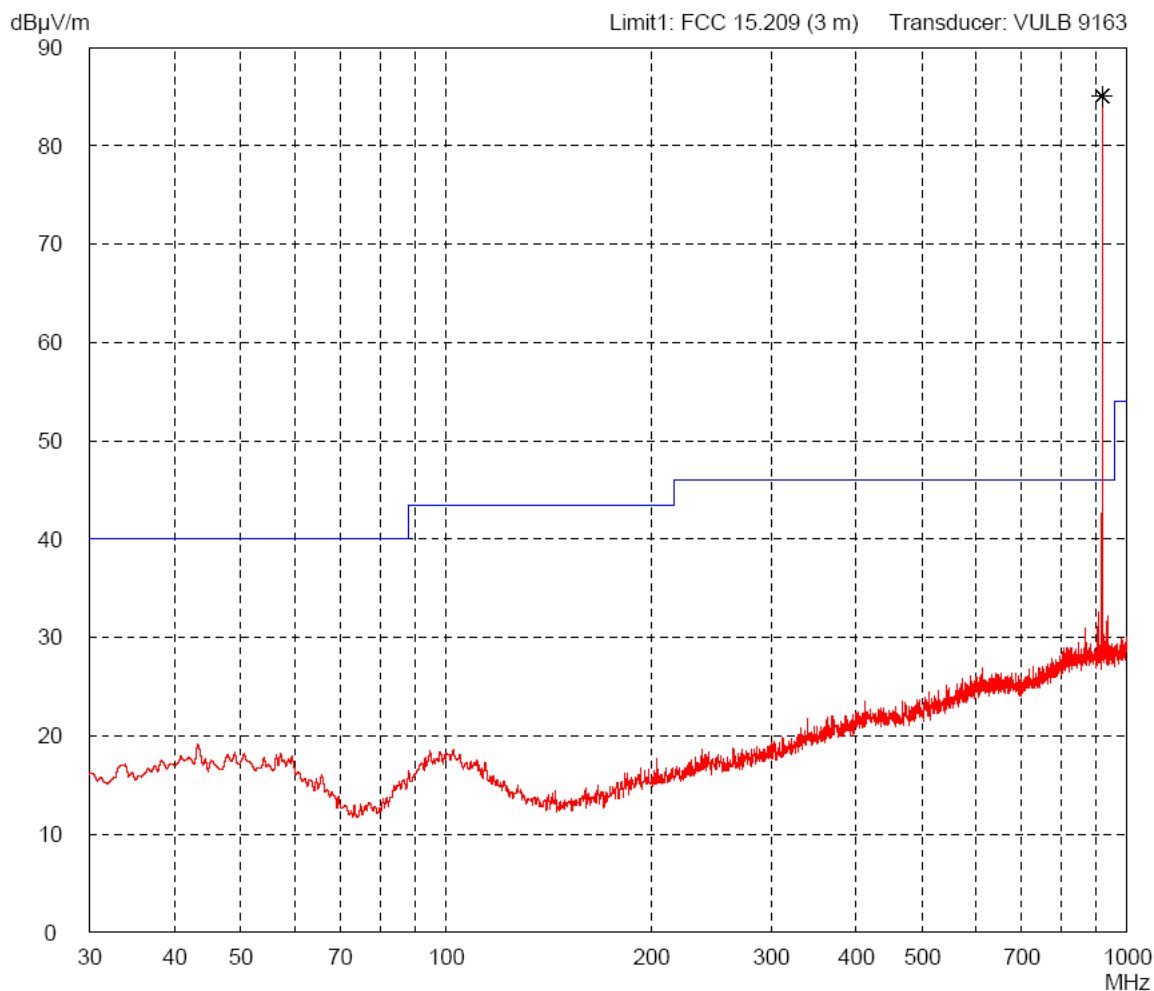
<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Horizontal Polarization</p> <p>Date of test: 12/01/2009</p> <p>Operator: M. Steindl</p> <p>Test performed: automatically</p> <p>File name: default.emi</p>	<p>Comment: - Internal battery supply - Transmitting continuously (Broadcast 919 MHz)</p>
<p>Detector: Peak</p>	<p>List of values: 10 dB Margin 50 Subranges</p>



<p>Result: Prescan</p>	<p>Project file: 69861-00628</p> <p style="text-align: right;">Page of Pages</p>
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 Subpart C (FAR)

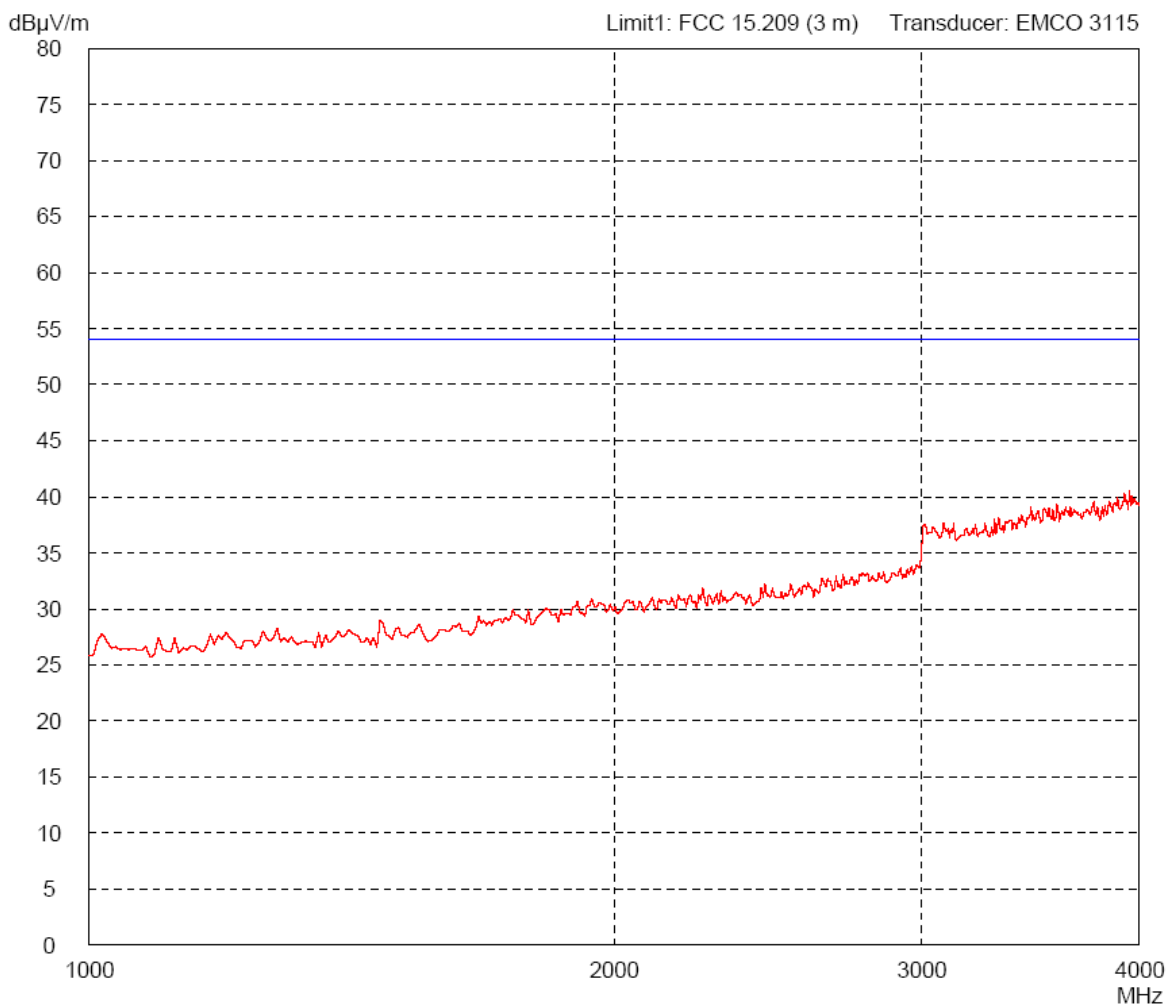
<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Vertical Polarization</p> <p>Date of test: 12/01/2009</p> <p>Operator: M. Steindl</p> <p>Test performed: automatically</p> <p>File name: default.emi</p>	<p>Comment: - Internal battery supply - Transmitting continuously (Broadcast 919 MHz)</p>
<p>Detector: Peak</p>	<p>List of values: 10 dB Margin 50 Subranges</p>



<p>Result: Prescan</p>	<p>Project file: 69861-00628</p> <p style="text-align: right;">Page of Pages</p>
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

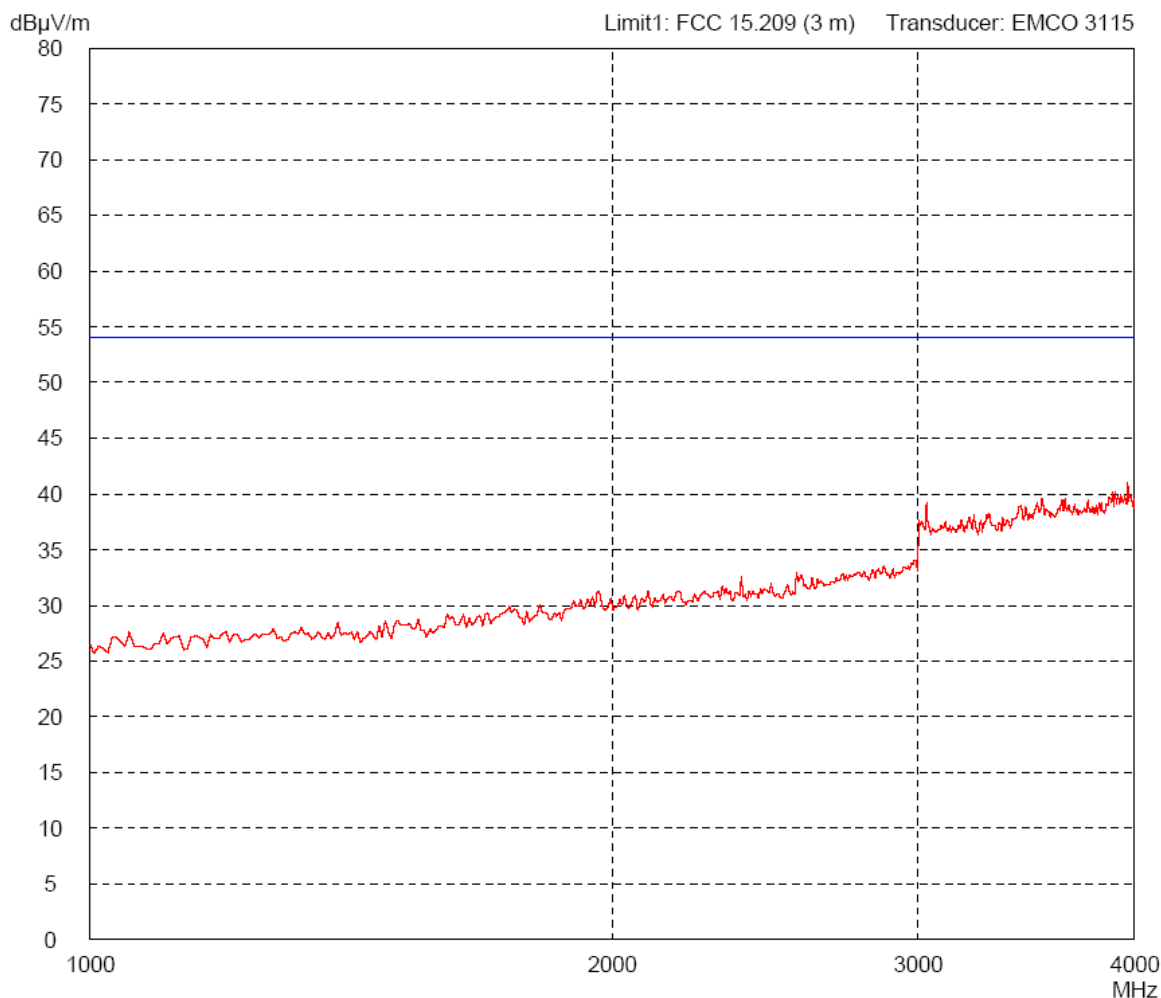
<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Horizontal Polarization</p> <p>Date of test: 12/01/2009</p> <p>Operator: M. Steindl</p> <p>Test performed: automatically</p> <p>File name: default.emi</p>	<p>Comment:</p> <ul style="list-style-type: none"> - Internal battery supply - Transmitting continuously (Broadcast 919 MHz)
<p>Detector: Peak</p>	<p>List of values:</p> <p>10 dB Margin 50 Subranges</p>



<p>Result: Prescan</p>	<p>Project file: 69861-00628</p> <p style="text-align: right;">Page of Pages</p>
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Vertical Polarization</p> <p>Date of test: 12/01/2009 Operator: M. Steindl</p> <p>Test performed: automatically File name: default.emi</p>	<p>Comment:</p> <ul style="list-style-type: none"> - Internal battery supply - Transmitting continuously (Broadcast 919 MHz)
<p>Detector: Peak</p>	<p>List of values: 10 dB Margin 50 Subranges</p>

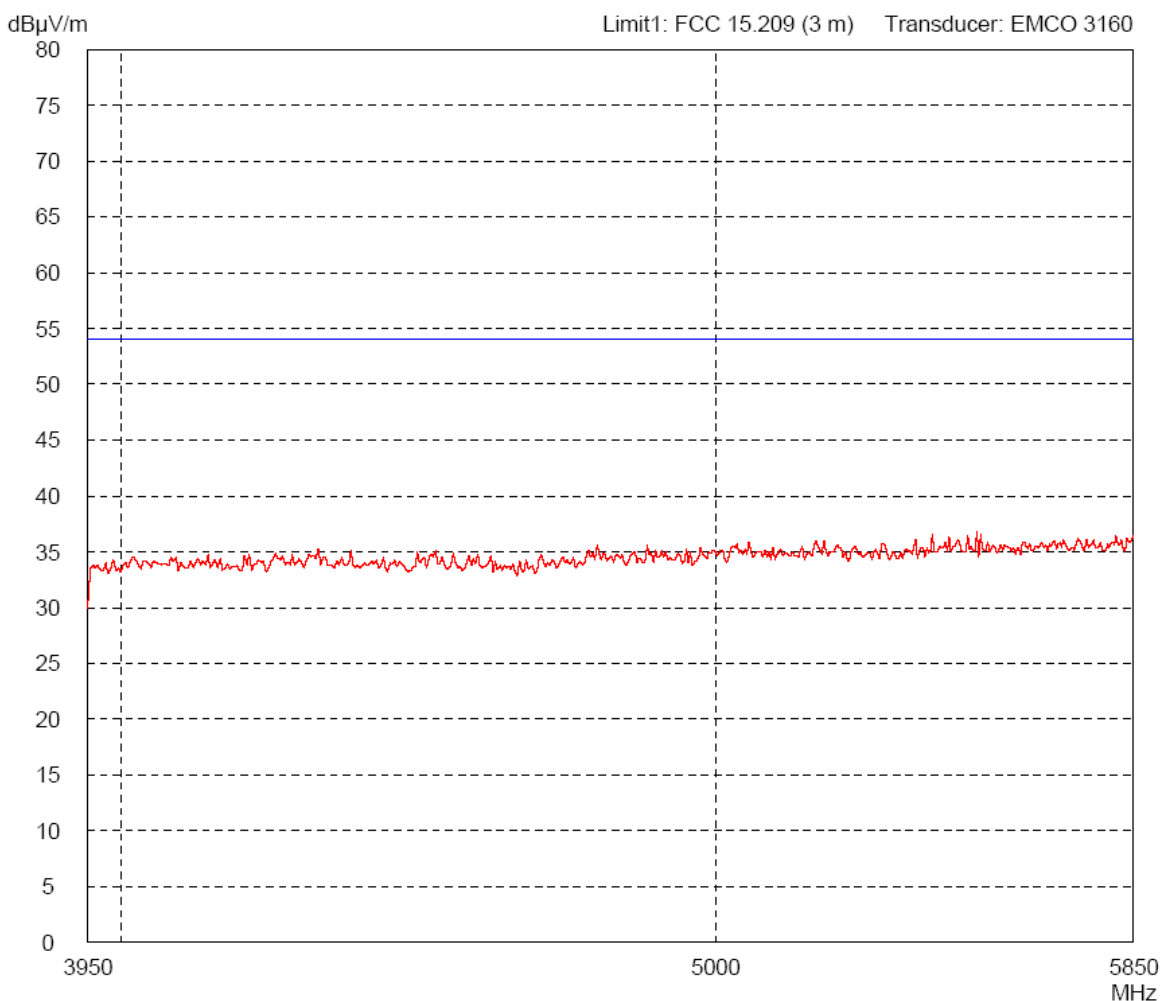


<p>Result: Prescan</p>	<p>Project file: 69861-00628</p>
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Radiated Emission Test 3.95 GHz - 5.85 GHz acc. to FCC Part 15 Subpart C (FAR)

<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Horizontal Polarization</p> <p>Date of test: 12/01/2009</p> <p>Operator: M. Steindl</p> <p>Test performed: automatically</p> <p>File name: default.emi</p>	<p>Comment: - Internal battery supply - Transmitting continuously (Broadcast 919 MHz)</p>
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<p>Detector: Peak</p>	<p>List of values: 10 dB Margin 50 Subranges</p>
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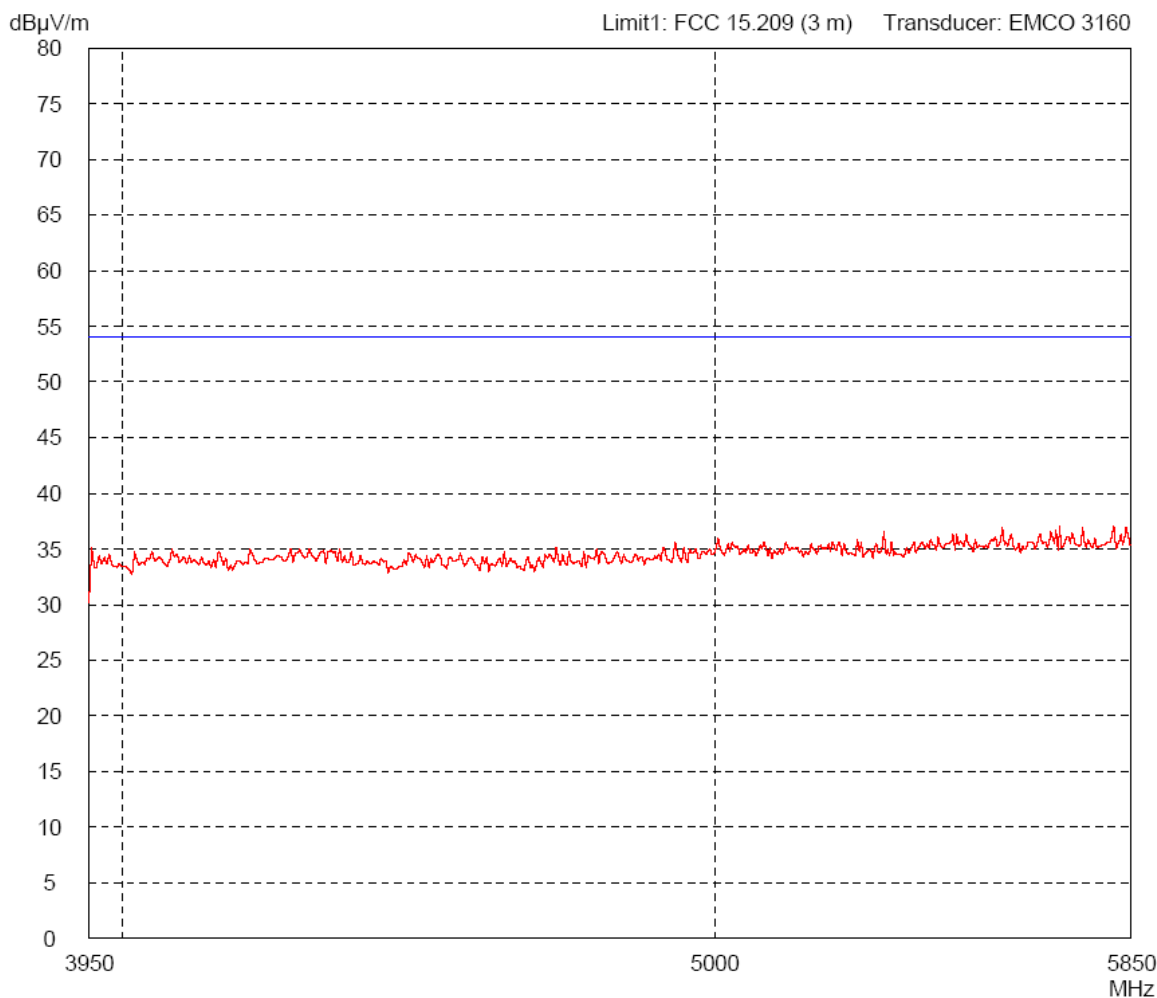


<p>Result: Prescan</p>	<p>Project file: 69861-00628</p> <p style="text-align: right;">Page of Pages</p>
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Radiated Emission Test 3.95 GHz - 5.85 GHz acc. to FCC Part 15 Subpart C (FAR)

<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Vertical Polarization</p> <p>Date of test: 12/01/2009</p> <p>Operator: M. Steindl</p> <p>Test performed: automatically</p> <p>File name: default.emi</p>	<p>Comment: - Internal battery supply - Transmitting continuously (Broadcast 919 MHz)</p>
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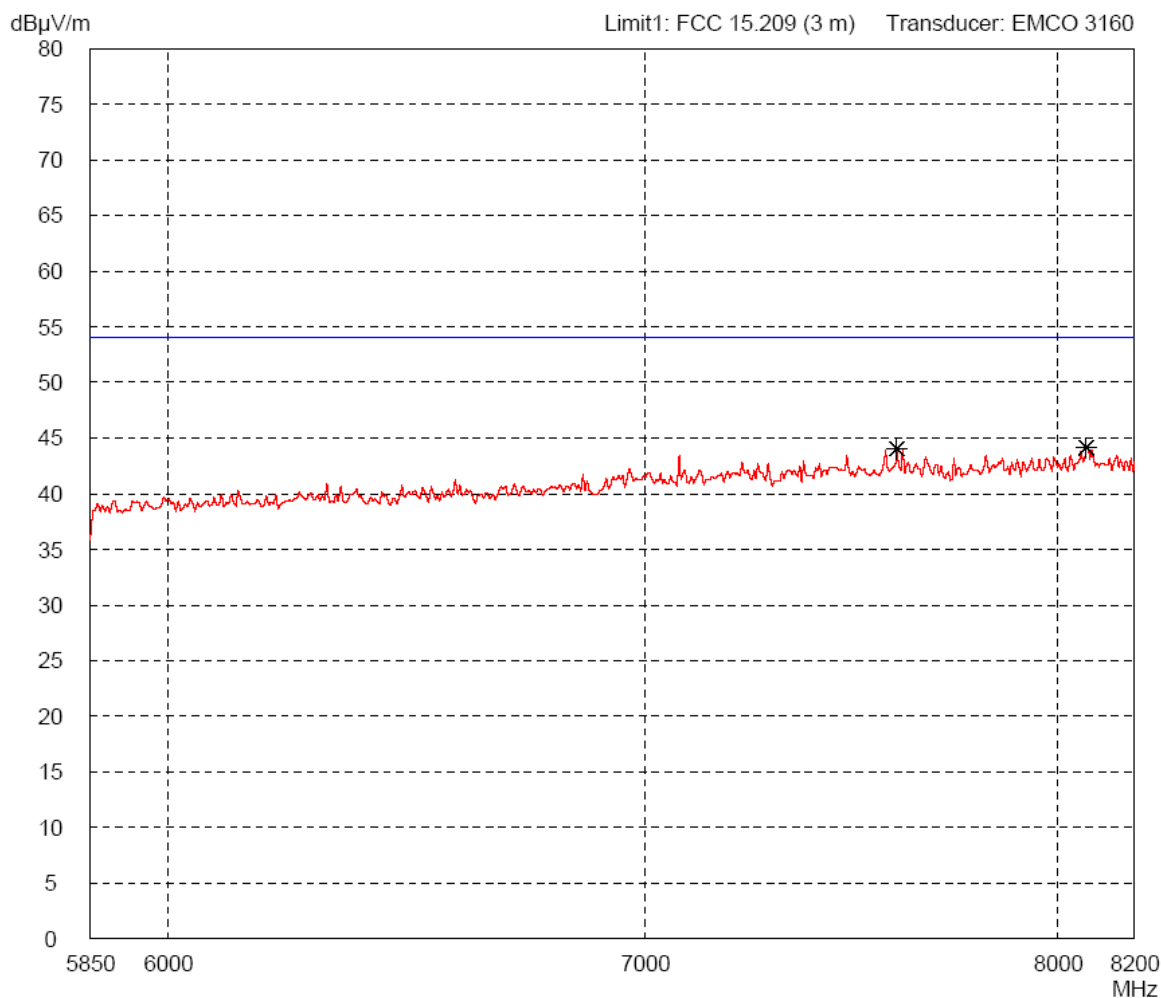
<p>Detector: Peak</p>	<p>List of values: 10 dB Margin 50 Subranges</p>
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<p>Result: Prescan</p>	<p>Project file: 69861-00628</p> <p style="text-align: right;">Page of Pages</p>
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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 Subpart C (FAR)

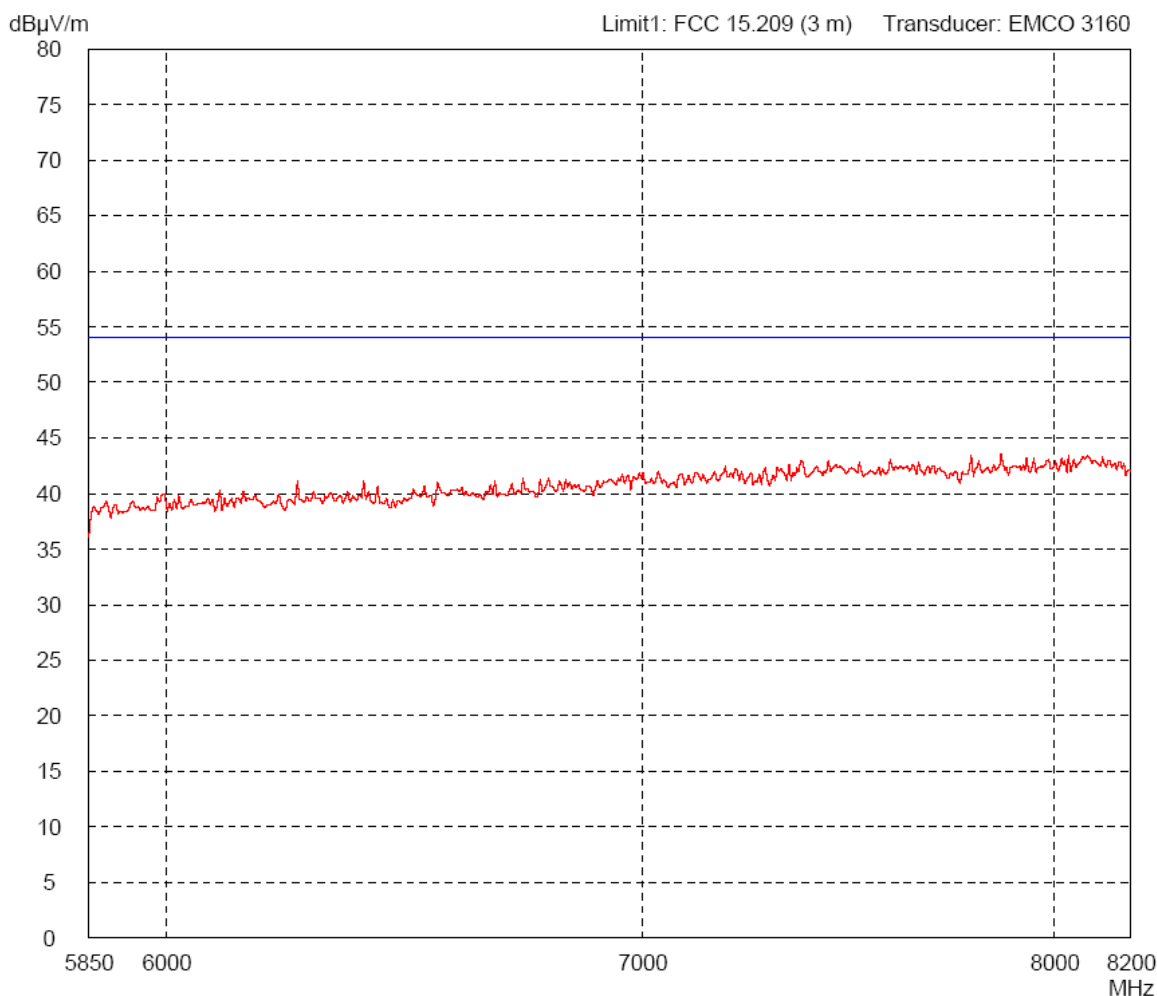
<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Horizontal Polarization</p> <p>Date of test: 12/01/2009</p> <p>Operator: M. Steindl</p> <p>Test performed: automatically</p> <p>File name: default.emi</p>	<p>Comment: - Internal battery supply - Transmitting continuously (Broadcast 919 MHz)</p>
<p>Detector: Peak</p>	<p>List of values: 10 dB Margin 50 Subranges</p>



<p>Result: Prescan</p>	<p>Project file: 69861-00628</p>
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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 Subpart C (FAR)

<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Vertical Polarization</p> <p>Date of test: 12/01/2009</p> <p>Operator: M. Steindl</p> <p>Test performed: automatically</p> <p>File name: default.emi</p>	<p>Comment: - Internal battery supply - Transmitting continuously (Broadcast 919 MHz)</p>
<p>Detector: Peak</p>	<p>List of values: 10 dB Margin 50 Subranges</p>

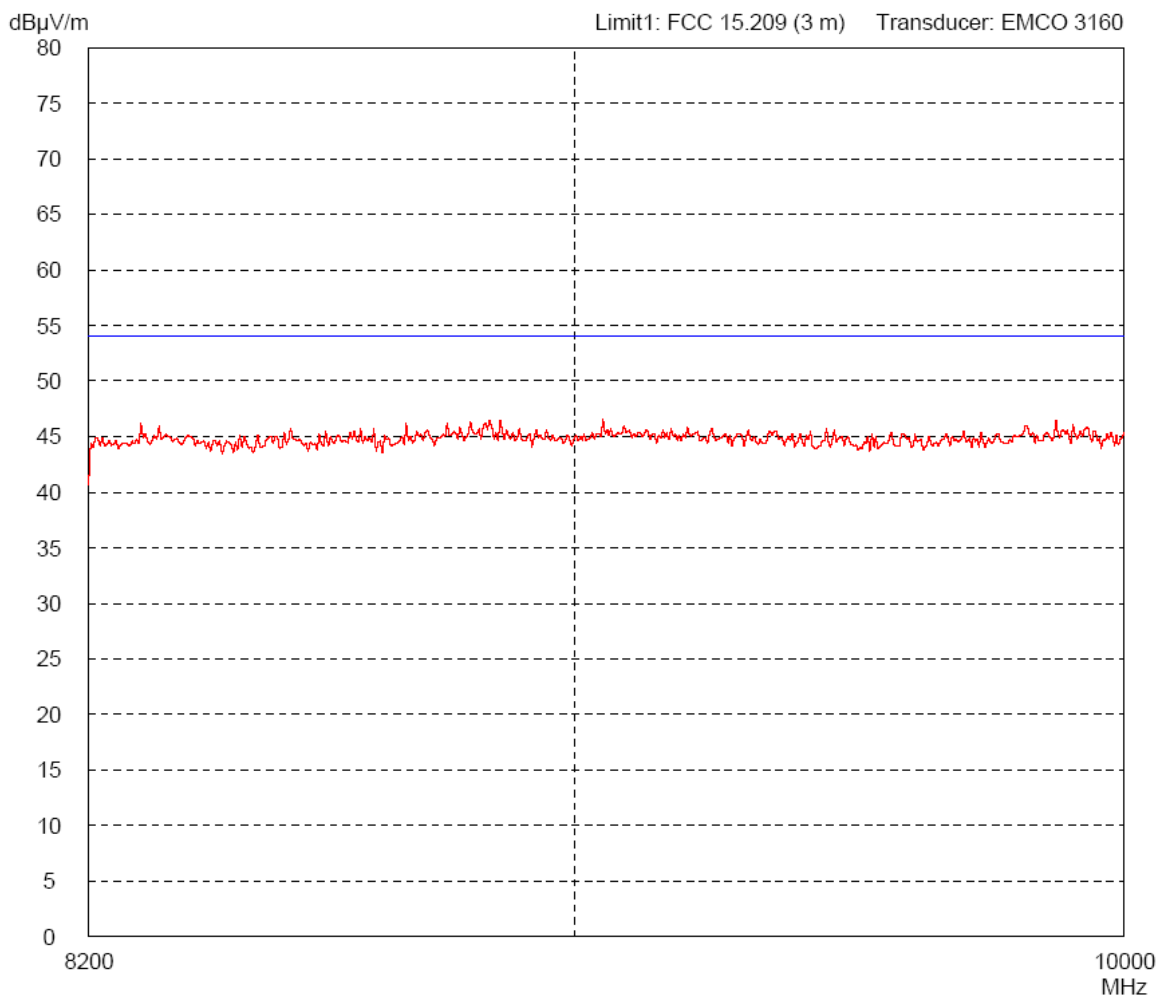


<p>Result: Prescan</p>	<p>Project file: 69861-00628</p>
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 Subpart C (FAR)

<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Horizontal Polarization</p> <p>Date of test: 12/01/2009 Operator: M. Steindl</p> <p>Test performed: automatically File name: default.emi</p>	<p>Comment:</p> <ul style="list-style-type: none"> - Internal battery supply - Transmitting continuously (Broadcast 919 MHz)
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<p>Detector: Peak</p>	<p>List of values: Selected by hand</p>
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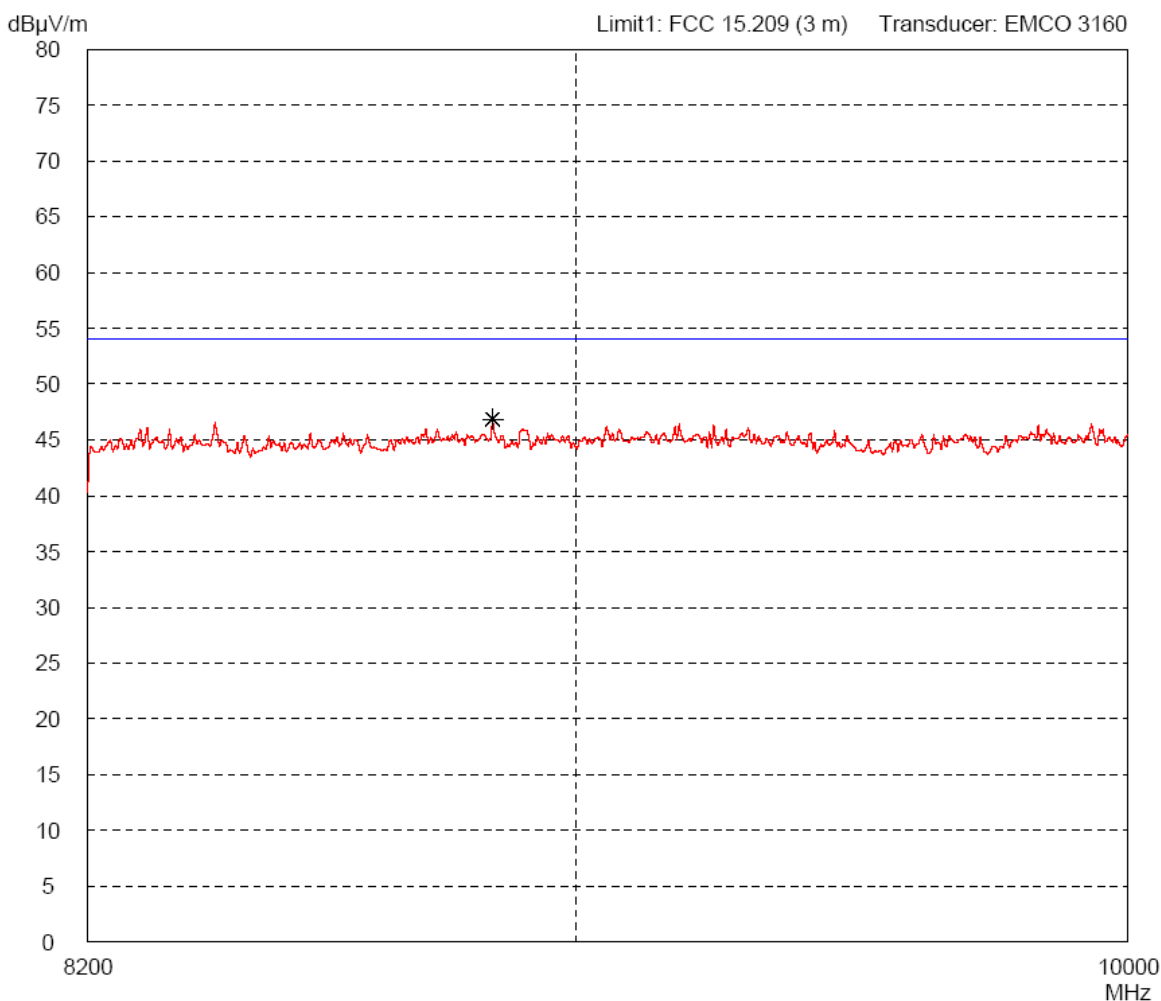


<p>Result: Prescan</p>	<p>Project file: 69861-00628</p>
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 Subpart C (FAR)

<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Vertical Polarization</p> <p>Date of test: 12/01/2009</p> <p>Operator: M. Steindl</p> <p>Test performed: automatically</p> <p>File name: default.emi</p>	<p>Comment: - Internal battery supply - Transmitting continuously (Broadcast 919 MHz)</p>
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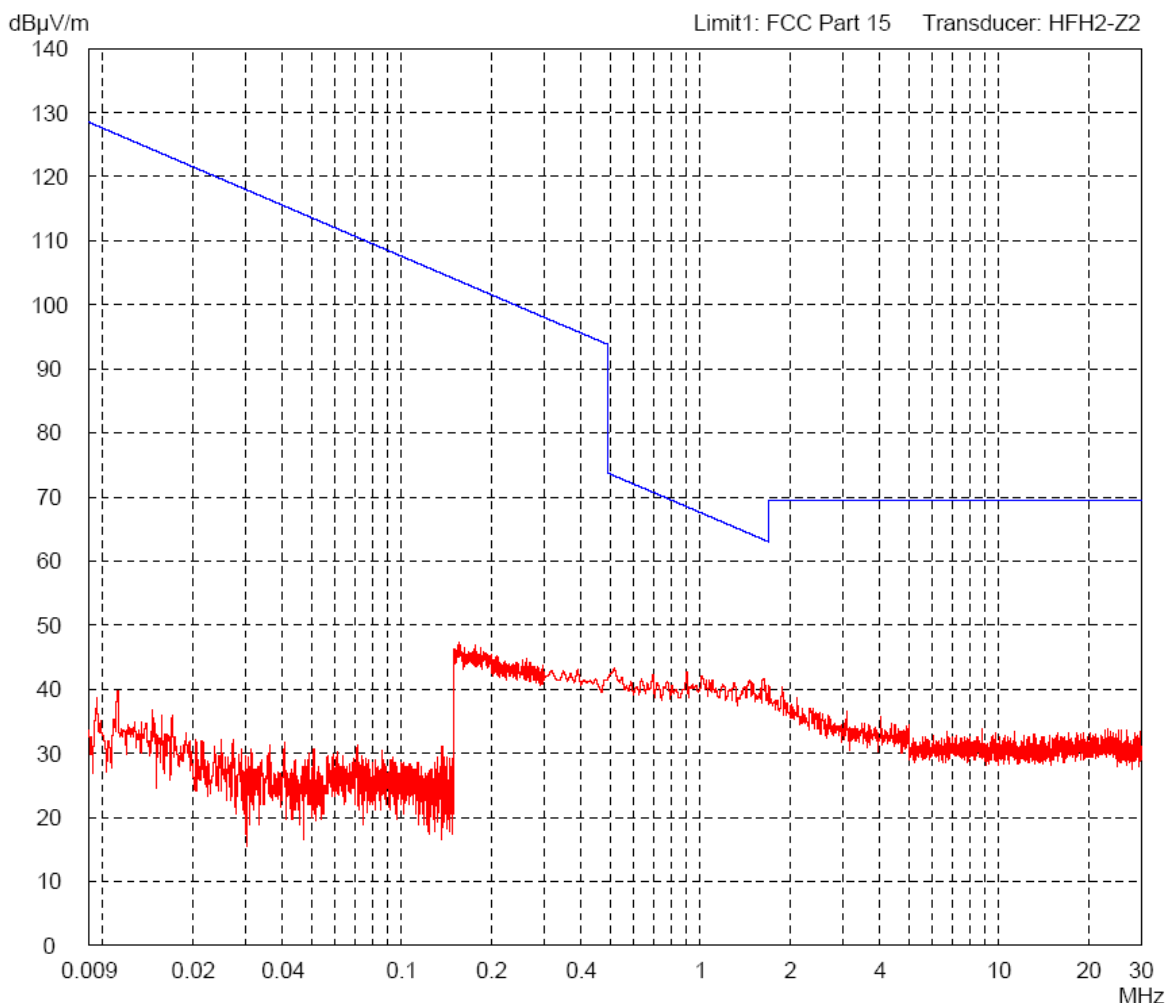
<p>Detector: Peak</p>	<p>List of values: Selected by hand</p>
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<p>Result: Prescan</p>	<p>Project file: 69861-00628</p> <p style="text-align: right;">Page of Pages</p>
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Radiated Emission Test 9 kHz - 30 MHz acc. to FCC Part 15 Subpart C (FAR)

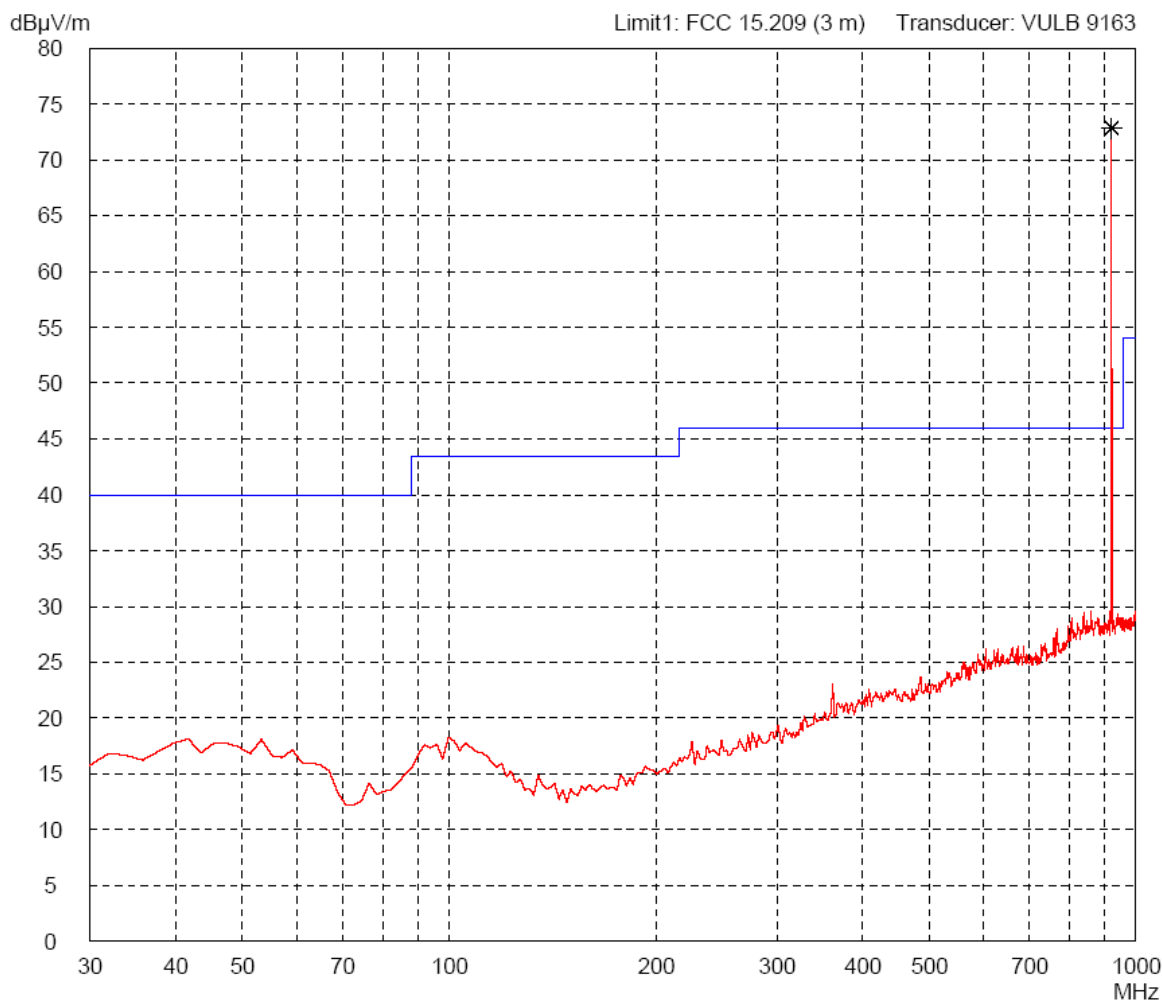
<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres</p> <p>Date of test: 12/01/2009</p> <p>Operator: M. Steindl</p> <p>Test performed: by hand</p> <p>File name: default.emi</p>	<p>Comment:</p> <ul style="list-style-type: none"> - Internal battery supply - Transmitting continuously (Communication 920 MHz)
<p>Detector: Peak</p>	<p>List of values: 10 dB Margin 50 Subranges</p>



<p>Result: Limit kept</p>	<p>Project file: 69861-00628</p> <p style="text-align: right;">Page of Pages</p>
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 Subpart C (FAR)

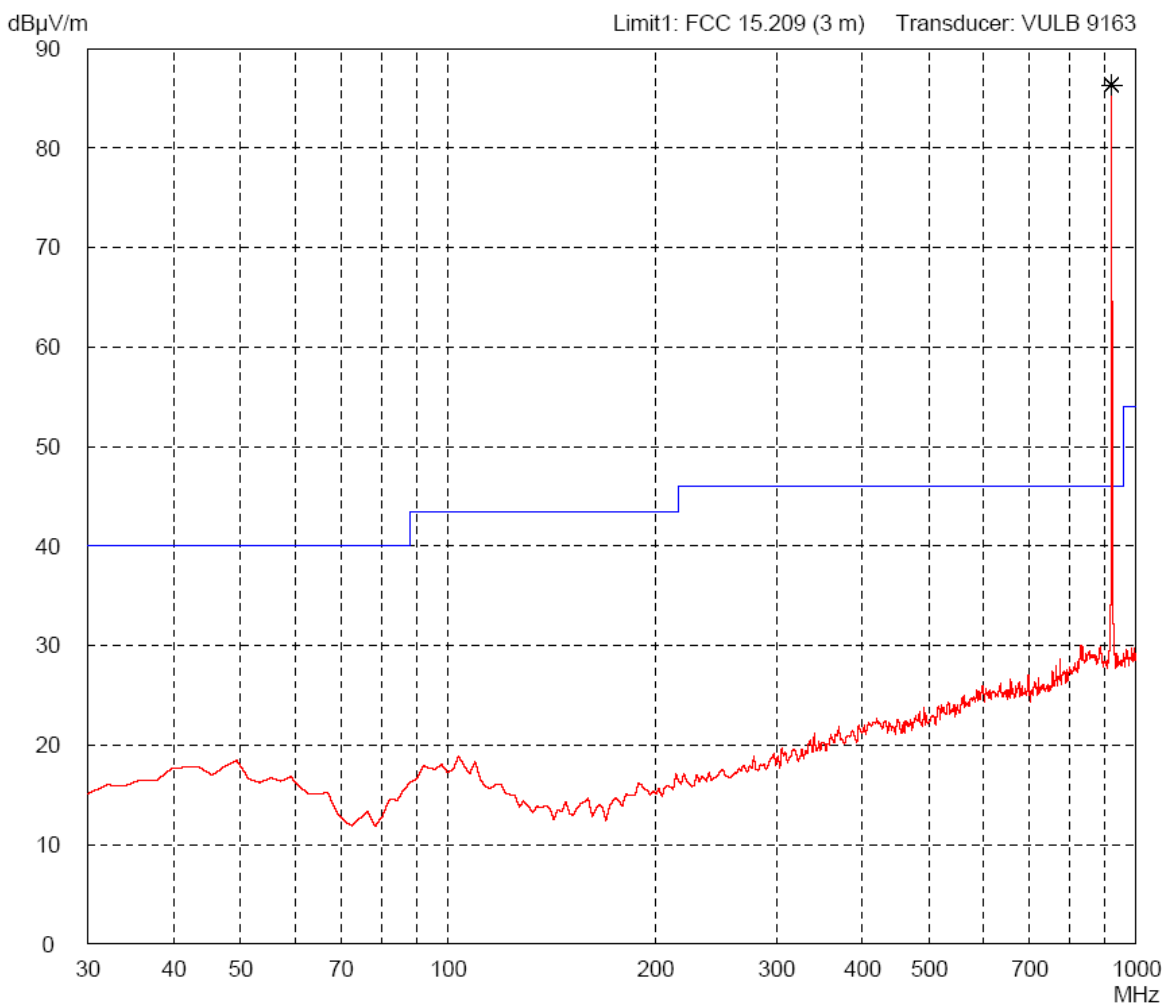
<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Horizontal Polarization</p> <p>Date of test: 12/01/2009</p> <p>Operator: M. Steindl</p> <p>Test performed: automatically</p> <p>File name: default.emi</p>	<p>Comment:</p> <ul style="list-style-type: none"> - Internal battery supply - Transmitting continuously (Communication 920 MHz)
<p>Detector: Peak</p>	<p>List of values: 10 dB Margin 50 Subranges</p>



<p>Result: Prescan</p>	<p>Project file: 69861-00628</p>
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 Subpart C (FAR)

<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Vertical Polarization</p> <p>Date of test: 12/01/2009</p> <p>Operator: M. Steindl</p> <p>Test performed: automatically</p> <p>File name: default.emi</p>	<p>Comment: - Internal battery supply - Transmitting continuously (Communication 920 MHz)</p>
<p>Detector: Peak</p>	<p>List of values: 10 dB Margin 50 Subranges</p>

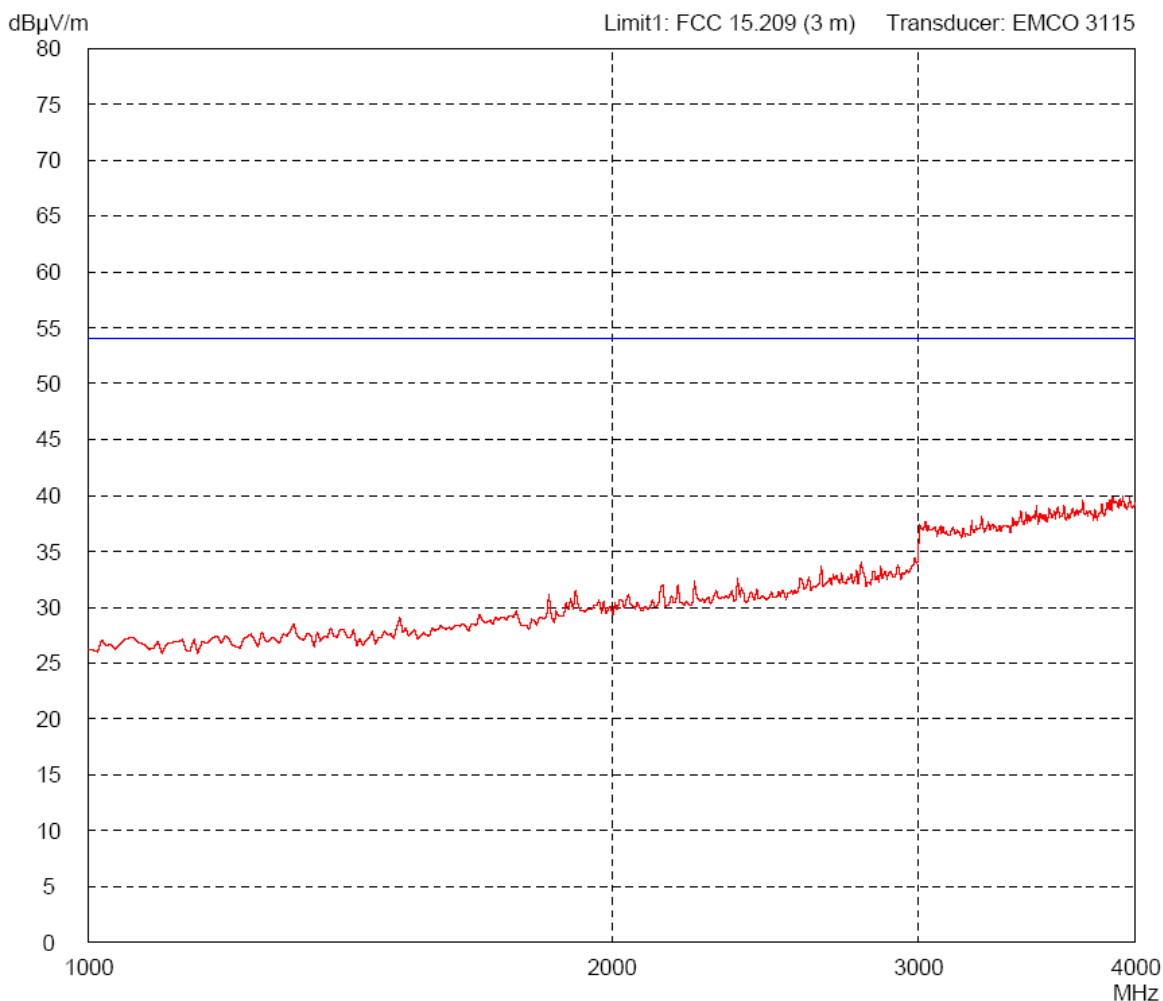


<p>Result: Prescan</p>	<p>Project file: 69861-00628</p>
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Page of Pages

Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

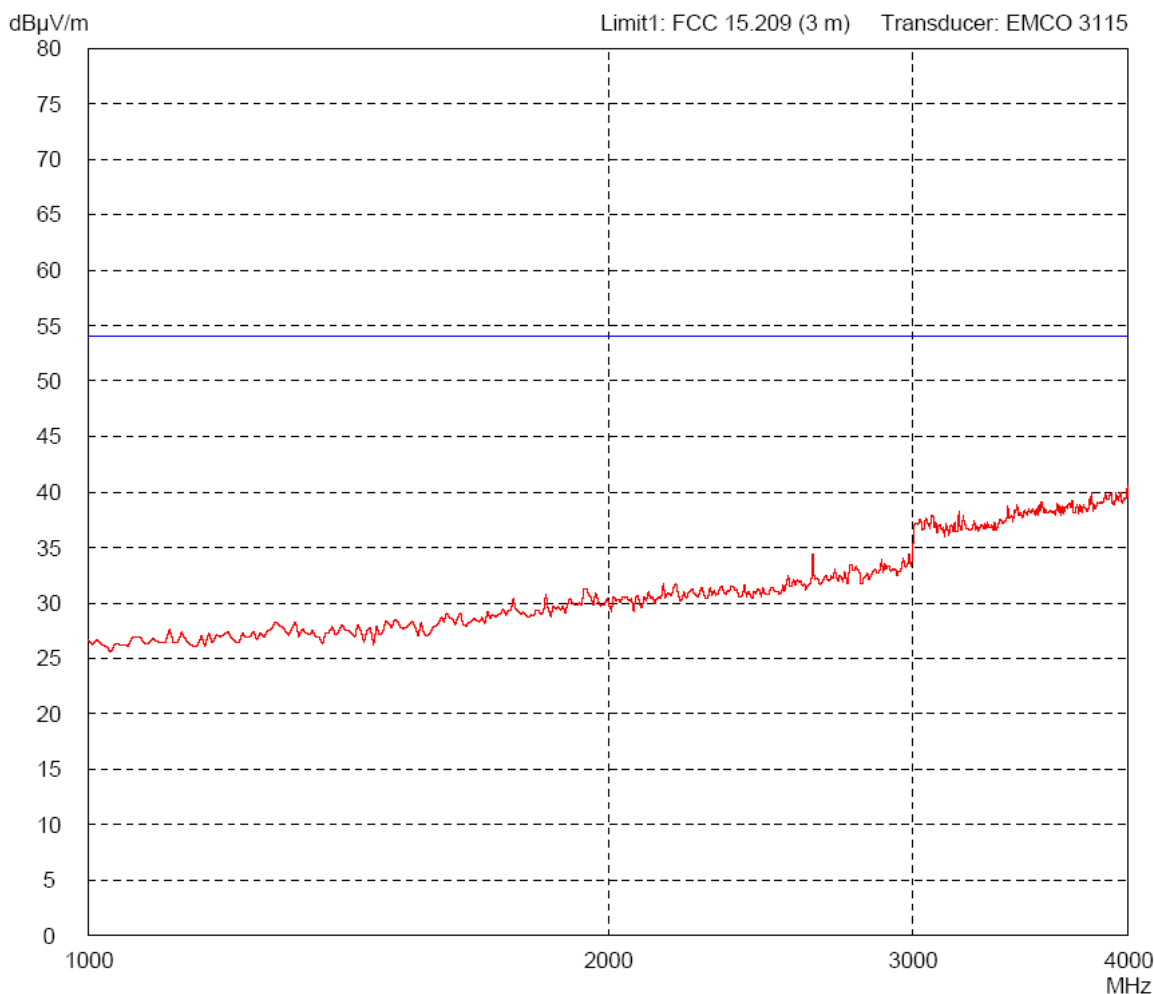
<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Horizontal Polarization</p> <p>Date of test: 12/01/2009</p> <p>Operator: M. Steindl</p> <p>Test performed: automatically</p> <p>File name: default.emi</p>	<p>Comment: - Internal battery supply - Transmitting continuously (Communication 920 MHz)</p>
<p>Detector: Peak</p>	<p>List of values: 10 dB Margin 50 Subranges</p>



<p>Result: Prescan</p>	<p>Project file: 69861-00628</p>
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Vertical Polarization</p> <p>Date of test: 12/01/2009 Operator: M. Steindl</p> <p>Test performed: automatically File name: default.emi</p>	<p>Comment:</p> <ul style="list-style-type: none"> - Internal battery supply - Transmitting continuously (Communication 920 MHz)
<p>Detector: Peak</p>	<p>List of values: 10 dB Margin 50 Subranges</p>

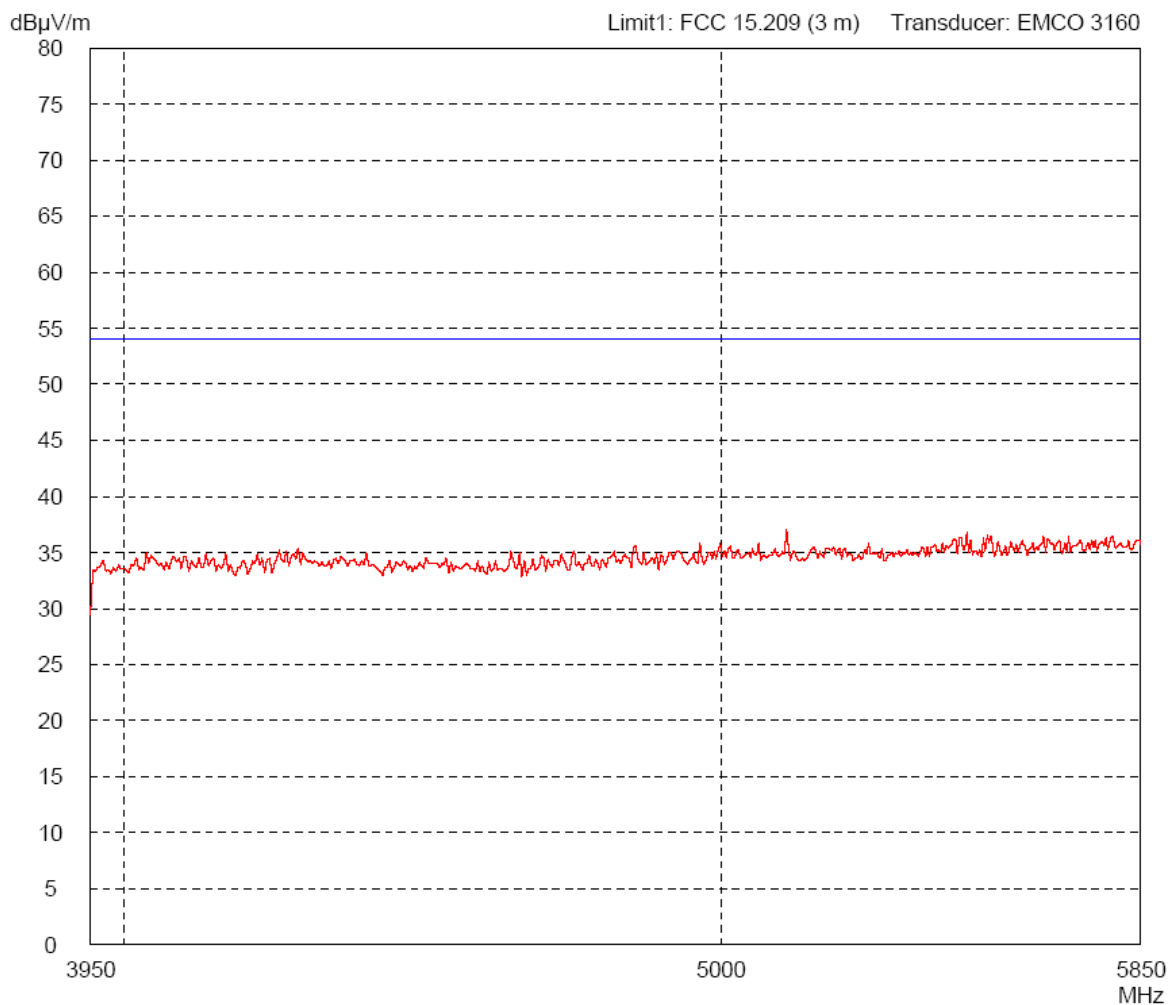


<p>Result: Prescan</p>	<p>Project file: 69861-00628</p>
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Radiated Emission Test 3.95 GHz - 5.85 GHz acc. to FCC Part 15 Subpart C (FAR)

<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Horizontal Polarization</p> <p>Date of test: 12/01/2009</p> <p>Operator: M. Steindl</p> <p>Test performed: automatically</p> <p>File name: default.emi</p>	<p>Comment:</p> <ul style="list-style-type: none"> - Internal battery supply - Transmitting continuously (Communication 920 MHz)
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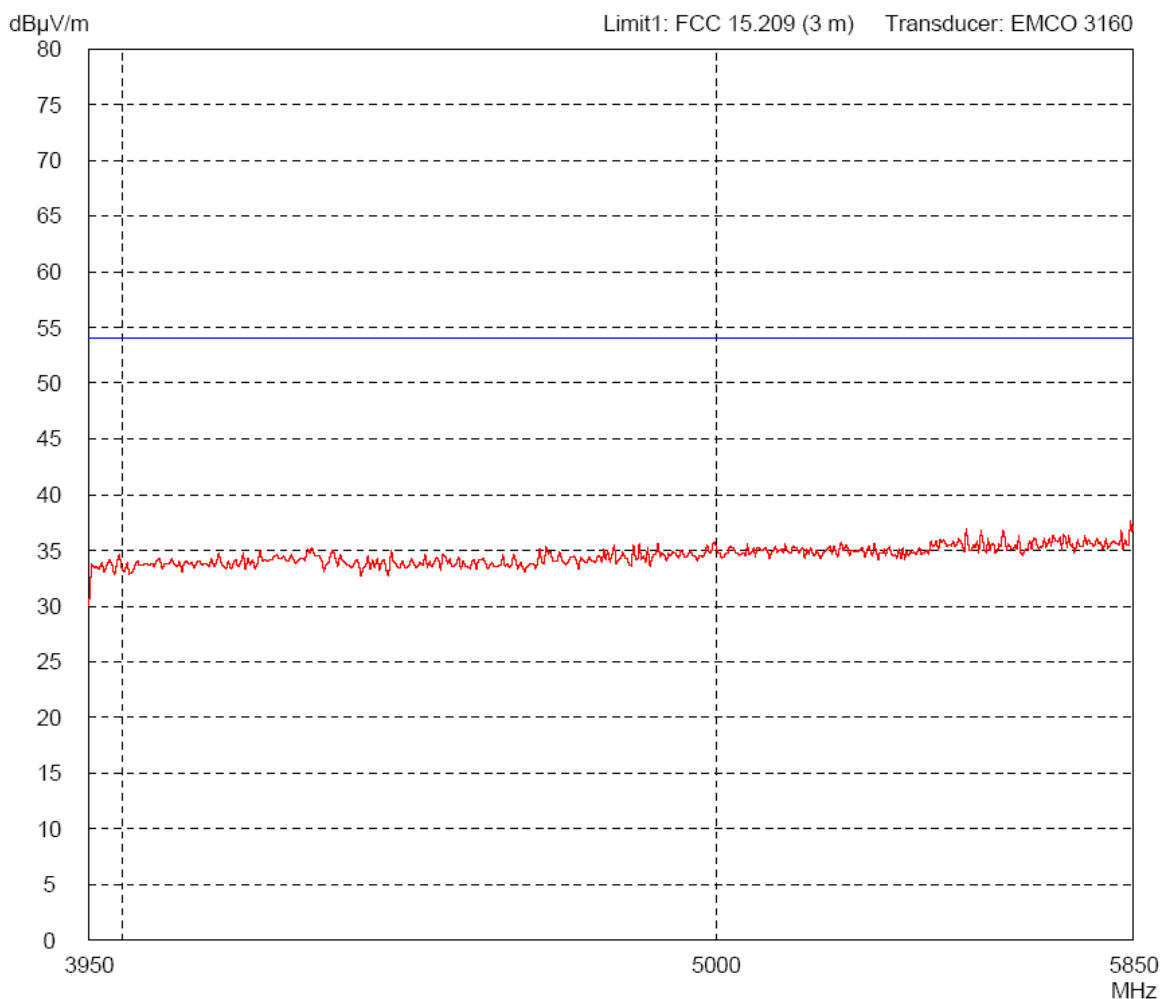
<p>Detector: Peak</p>	<p>List of values: 10 dB Margin 50 Subranges</p>
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<p>Result: Prescan</p>	<p>Project file: 69861-00628</p> <p style="text-align: right;">Page of Pages</p>
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Radiated Emission Test 3.95 GHz - 5.85 GHz acc. to FCC Part 15 Subpart C (FAR)

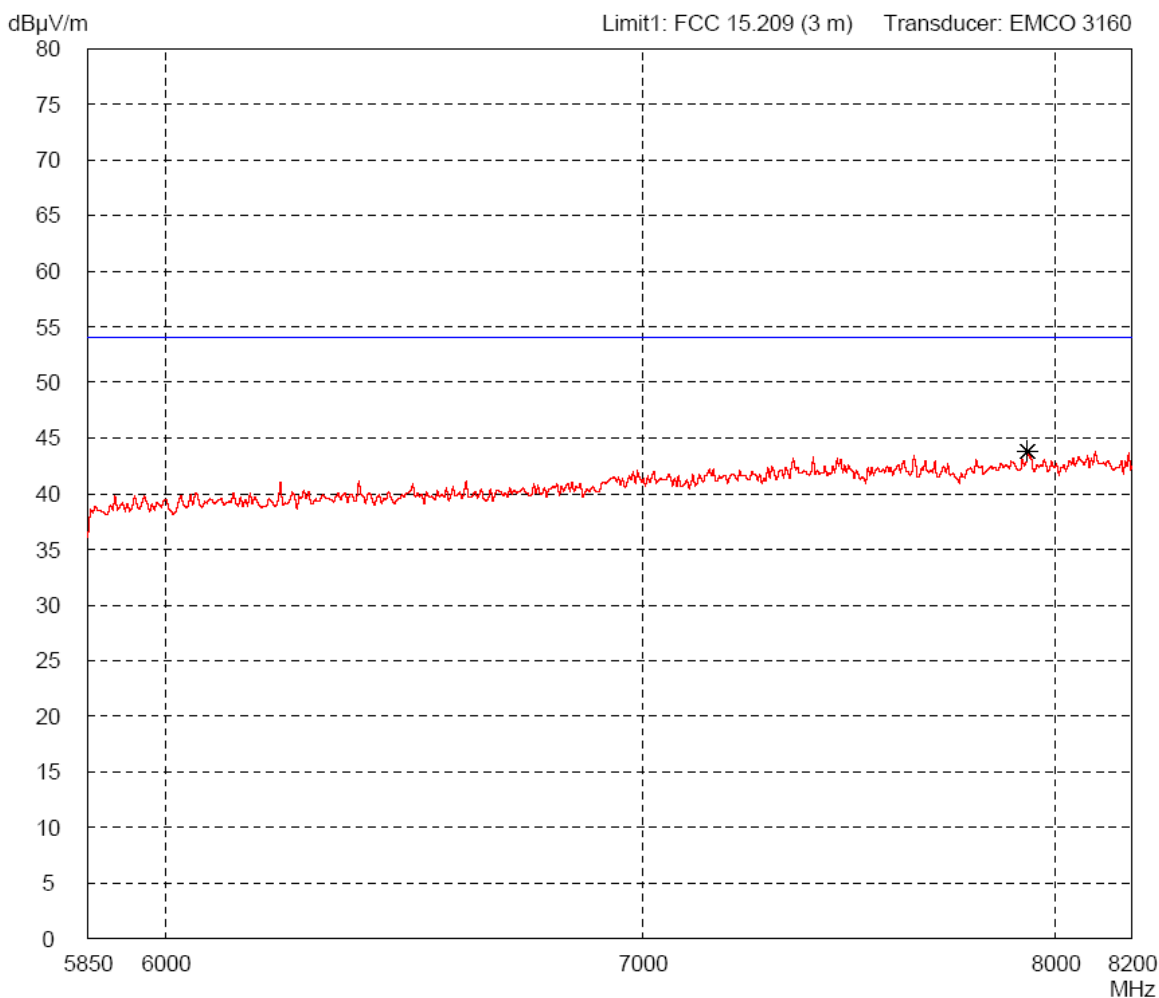
<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Vertical Polarization</p> <p>Date of test: 12/01/2009 Operator: M. Steindl</p> <p>Test performed: automatically File name: default.emi</p>	<p>Comment: - Internal battery supply - Transmitting continuously (Communication 920 MHz)</p>
<p>Detector: Peak</p>	<p>List of values: 10 dB Margin 50 Subranges</p>



<p>Result: Prescan</p>	<p>Project file: 69861-00628</p>
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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 Subpart C (FAR)

<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Horizontal Polarization</p> <p>Date of test: 12/01/2009</p> <p>Operator: M. Steindl</p> <p>Test performed: automatically</p> <p>File name: default.emi</p>	<p>Comment: - Internal battery supply - Transmitting continuously (Communication 920 MHz)</p>
<p>Detector: Peak</p>	<p>List of values: Selected by hand</p>



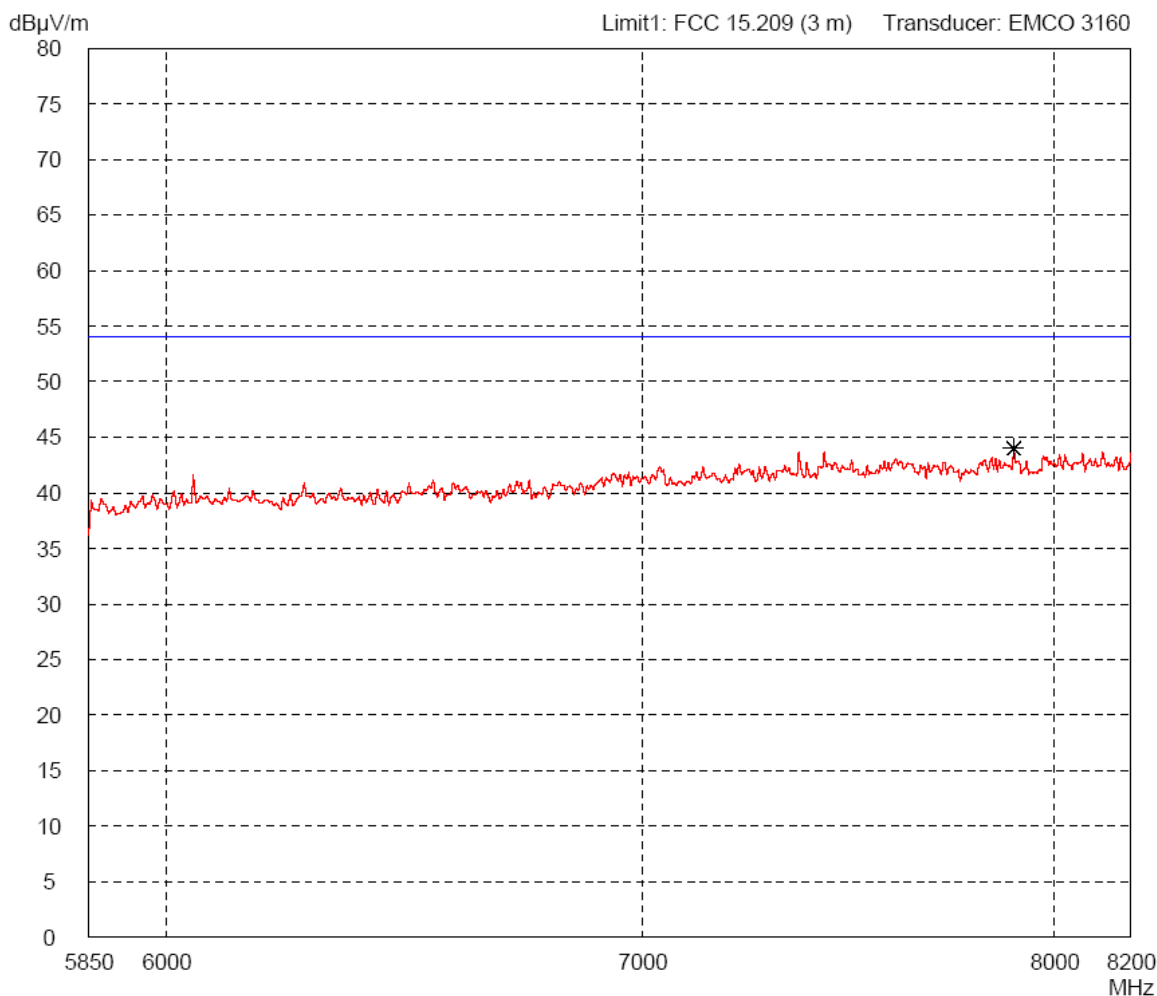
<p>Result: Prescan</p>	<p>Project file: 69861-00628</p>
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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 Subpart C (FAR)

<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Vertical Polarization</p> <p>Date of test: 12/01/2009 Operator: M. Steindl</p> <p>Test performed: automatically File name: default.emi</p>	<p>Comment:</p> <ul style="list-style-type: none"> - Internal battery supply - Transmitting continuously (Communication 920 MHz)
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<p>Detector: Peak</p>	<p>List of values: 10 dB Margin 50 Subranges</p>
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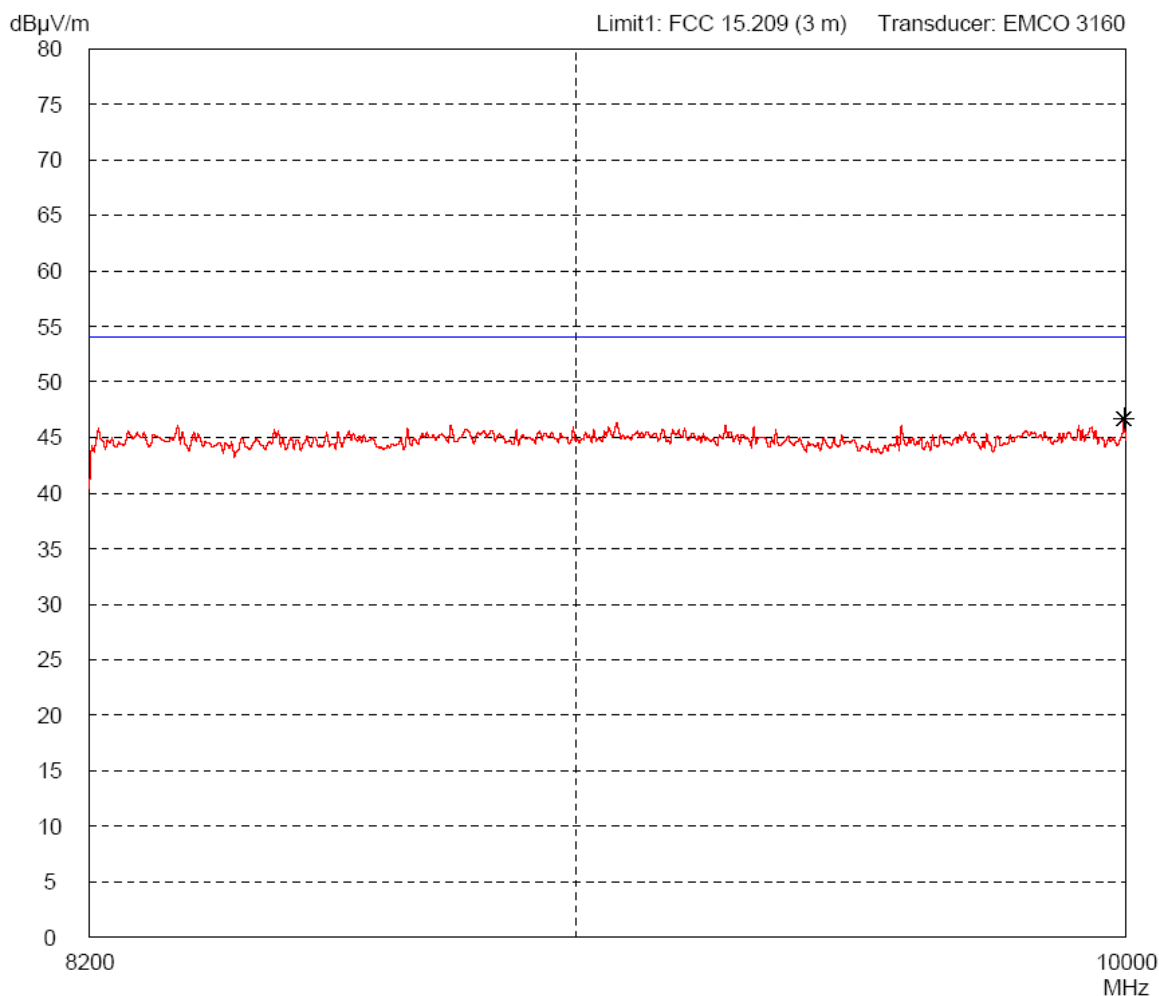


<p>Result: Prescan</p>	<p>Project file: 69861-00628</p>
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 Subpart C (FAR)

<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Horizontal Polarization</p> <p>Date of test: 12/01/2009</p> <p>Operator: M. Steindl</p> <p>Test performed: automatically</p> <p>File name: default.emi</p>	<p>Comment: - Internal battery supply - Transmitting continuously (Communication 920 MHz)</p>
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<p>Detector: Peak</p>	<p>List of values: Selected by hand</p>
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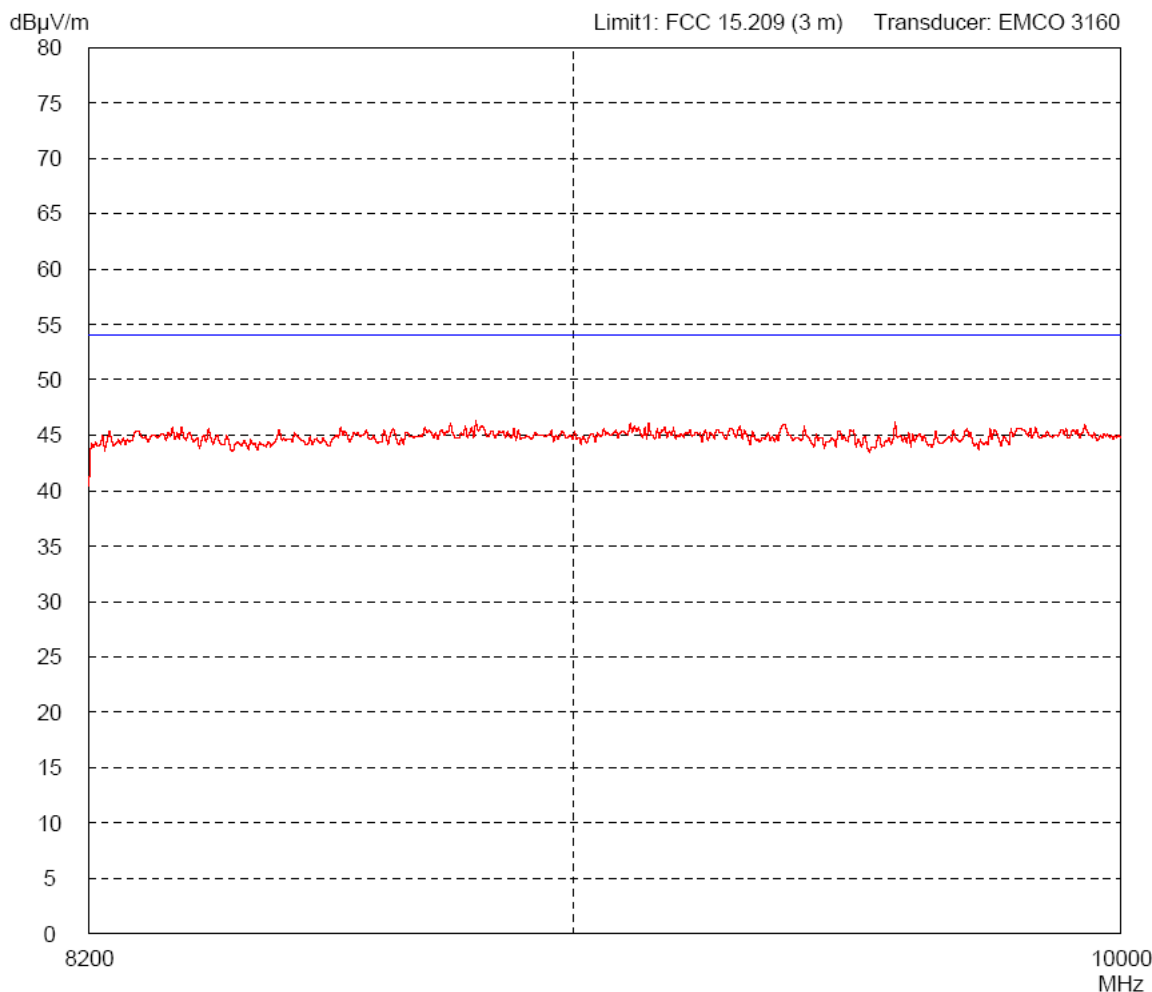


<p>Result: Prescan</p>	<p>Project file: 69861-00628</p> <p style="text-align: right;">Page of Pages</p>
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 Subpart C (FAR)

<p>Model: i-Q350 RTLS</p> <p>Serial no.: 0.440.000.203</p> <p>Applicant: Identec Solutions</p> <p>Test site: Fully anechoic room, cabin no. 2</p> <p>Tested on: Test distance 3 metres Vertical Polarization</p> <p>Date of test: 12/01/2009 Operator: M. Steindl</p> <p>Test performed: automatically File name: default.emi</p>	<p>Comment: - Internal battery supply - Transmitting continuously (Communication 920 MHz)</p>
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<p>Detector: Peak</p>	<p>List of values: Selected by hand</p>
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<p>Result: Prescan</p>	<p>Project file: 69861-00628</p>
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