FORCE Technology Test Report

TEST Reg. no. 19

Radio parameter test of Smart Catch

Performed for Anticimex Innovation Center

Report no.: 117-21624-6 Revision 1
Page 1 of 36

12 February 2018

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Title	Radio parameter test of Smart Catch
Test object	Smart Catch
Report no.	117-21624-6 Revision 1
Test period	08 to 22 December 2017
Client	Anticimex Innovation Center Skovgårdsvej 25 3200 Helsinge Denmark Tel.: +45 48207348
Contact person	Dennis Dupont Hansen E-mail: Dennis.hansen@anticimex.com
Manufacturer	Anticimex Innovation Center
Specifications	FCC 47 CFR 15.247, DTS (Digital Transmission System)
Results	The test object was found to be in compliance with the specifications
Test personnel	Henrik Klarskov Møller Peter Wolf Frandsen
Test site	Venlighedsvej 4, 2970 Hørsholm, Denmark

Date 12 February 2018

Project Manager

Peter Wolf Frandsen
Specialist, EMC
FORCE Technology

Responsible

Karsten Kruse Jensen
Head of Department
FORCE Technology

This test report replaces previously issued test report 117-21624-6 dated 29 January 2018.
The changes in this report are:

FCC ID corrected in Clause 2.1

Table of contents

1. Summary of tests

Description	Test methods	Specification	Results
Measurement of maximum conducted power output	ANSI C63.10:2013	47 CFR Part 15C Subpart 15.247(b)(3)	Passed
Measurement of 6 dB bandwidth	ANSI C63.10:2013	47 CFR Part 15C Subpart 15.247(a)(2)	Passed
Measurement of 20 dB bandwidth/band edge compliance	ANSI C63.10:2013	47 CFR Part 15C Subpart 15.215(c)	Passed
Measurement of power spectral density	ANSI C63.10:2013	47 CFR Part 15C Subpart 15.247(e)	Passed
Measurement of conducted spurious emission	ANSI C63.10:2013	47 CFR Part 15C Subpart 15.247(d)	No requirement, see note 1
Measurement of radiated emission; restricted bands	ANSI C63.10:2013	47 CFR Part 15 B&C Subpart 15.109, 15.209	Passed

Note 1: The test object contains no AC mains port.

The given result is based on a shared risk principle with respect to the measurement uncertainty.

Conclusion

The test object mentioned in this report meets the requirements of the standard stated below, with respect to the tests listed above.

- FCC 47 CFR 15.247, DTS
  (Digital Transmission System)

The test results relate only to the object tested.

2. Test object and auxiliary equipment

2.1 Test object

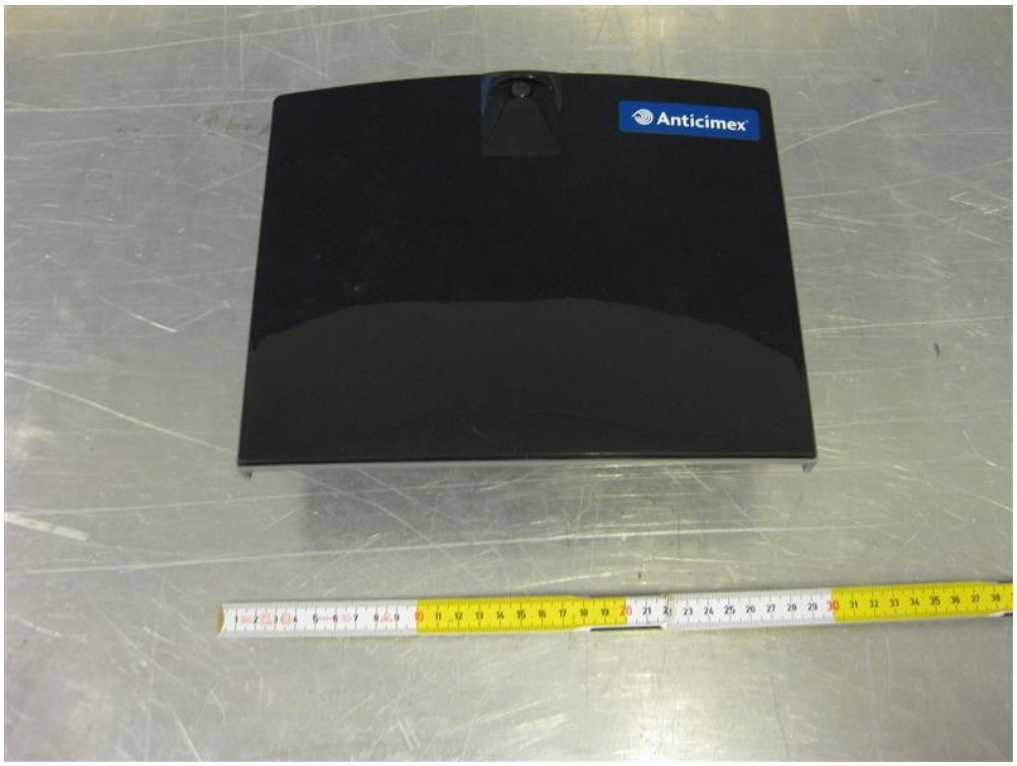


Photo 2.1.1 Test object.

Test object 2.1.1

Name of test object	Smart Catch
Model / type	US-type
Part no.	300301
Serial no.	42006635
FCC ID	2AOFP-300301
Manufacturer	Anticimex Innovation Center
Supply voltage	7.2V Battery powered
Software version	2.31
Hardware version	E0027-10
Cycle time	Continuous Tx
Highest frequency generated or used	920 MHz
Comment	None
Received	Date: 08 December 2017. Status: Test object sampled and provided by customer.

3. General test conditions

3.1 Test setup during test

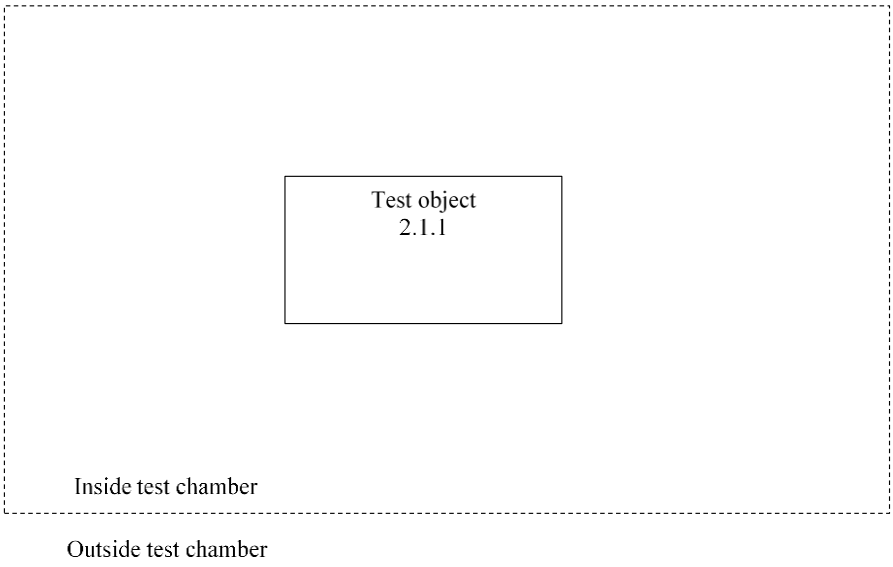


Figure 3.1.1 Block diagram of test object.

3.1.1 Description of test setup

Special test modes were used during testing.

There are two test modes:

1. Normal mode: Operation mode – the device is active during the test and the radio module is deactivated (not transmitting).
2. The SRD radio is continuously transmitting in the 902-928 MHz band at 920 MHz.

3.1.2 Description and intended use of test object

Rodent surveillance and trap with build-in radio communication

3.1.3 Nominal power consumption

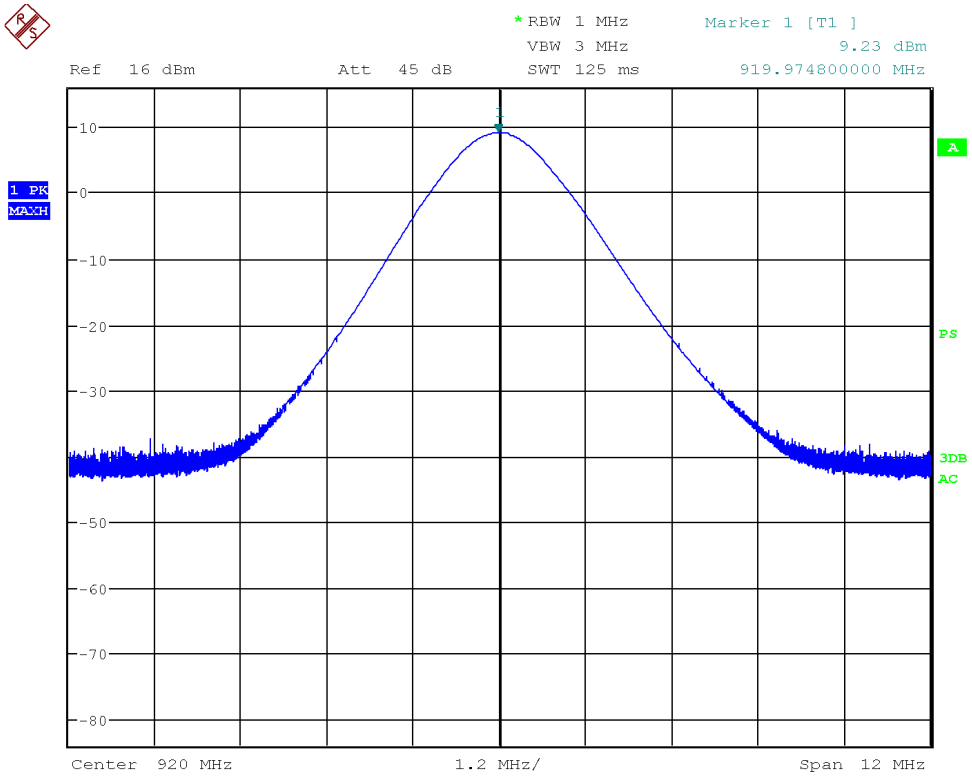
The Smart Catch is battery powered, using 2x2 parallel connected lithium batteries of 3.6 V.

4. Test results

4.1 Measurement of maximum conducted output power

Test object	Smart Catch	Sheet	PROF-1
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	12 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests		

Test method Characteristics	ANSI C63.10:2013 Procedures for testing DTS devices	Temperature Humidity	21 °C 30 % RH
Test equipm.	SRD lab Hørsholm 49600 49740	Uncertainty	1.1 dB
SA Settings	RBW: 1 MHz VBW: 3 MHz SPAN: 12 MHz DET: Peak CF: 920 Trace: Max. hold		



Date: 12.DEC.2017 16:17:29

Comments Operating frequency: 920 MHz.

Test object	Smart Catch	Sheet	PROF-2
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	12 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests		

Test method Characteristics	ANSI C63.10:2013 Procedures for testing DTS devices	Temperature Humidity	21 °C 30 % RH
Test equipm.	SRD lab Hørsholm 49600 49740	Uncertainty:	1.1 dB
SA Settings	RBW: 1 MHz VBW: 3 MHz SPAN: 12 MHz DET: Peak CF: 920 Trace: Max. hold		

Operating frequency [MHz]	Conducted peak measurement [dBm]	Limit [dBm]	Remarks
919.97	9.23	30 (1 Watts)	Passed
Note 1:			

Test result	The measured maximum conducted output power is within limit
Test port	Antenna connector
Test frequency	920 MHz
Test mode	Continuous Tx - normal modulation
Condition	Normal
Compliant	Yes
Comments	None

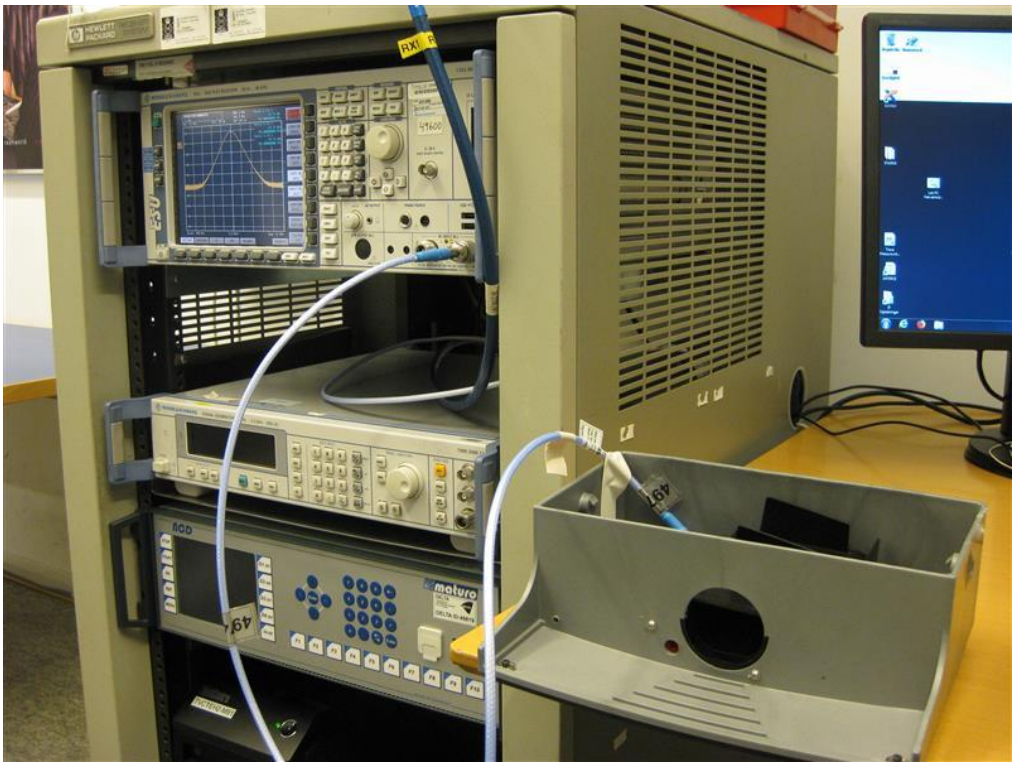
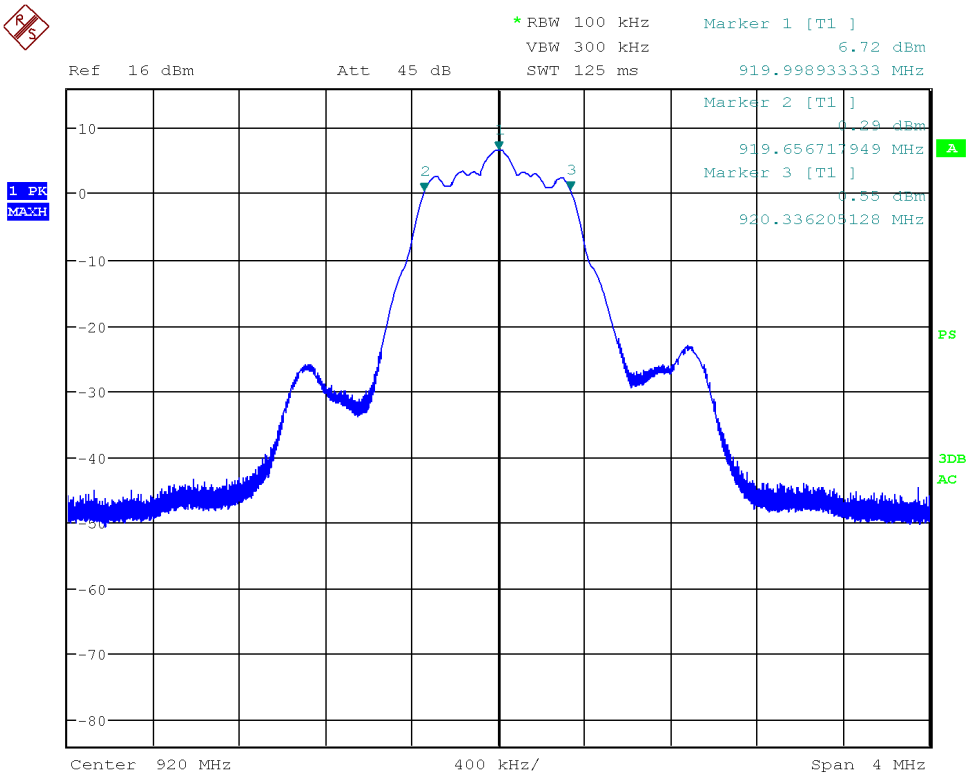


Photo 4.1.1 Test setup regarding measurement of maximum conducted output power.

4.2 Measurement of 6 dB bandwidth

Test object	Smart Catch	Sheet	PROF-3
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	12 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests		

Test method Characteristics	ANSI C63.10:2013 Procedures for testing DTS devices	Temperature Humidity	21 °C 30 % RH
Test equipm.	SRD lab Hørsholm 49600 49740	Uncertainty	1.1 dB
SA Settings	RBW: 100 kHz VBW: 300 kHz SPAN: 4 MHz DET: Peak CF: 920 Trace: Max. hold		



Date: 12.DEC.2017 16:14:41

Comments Operating frequency: 920 MHz.

Test object	Smart Catch	Sheet	PROF-4
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	12 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests		

Test method Characteristics	ANSI C63.10:2013 Procedures for testing DTS devices	Temperature Humidity	21 °C 30 % RH
Test equipm.	SRD lab Hørsholm 49600 49740	Uncertainty:	1.1 dB
SA Settings	RBW: 100 kHz VBW: 300 kHz SPAN: 4 MHz DET: Peak CF: 920 Trace: Max. hold		

Operating frequency [MHz]	Low frequency [MHz]	High frequency [MHz]	6 dB bandwidth [kHz]	Limit [kHz]	Remarks
920	919.66	920.34	680	≥ 500	Passed
Note 1:					

Band edge criteria	The minimum 6 dB bandwidth shall be ≥ 500 kHz
Test result	The measured 6 dB bandwidth were within the limit
Test port	Antenna connector
Test frequency	920 MHz
Test mode	Continuous Tx - normal modulation
Condition	Normal
Compliant	Yes
Comments	None

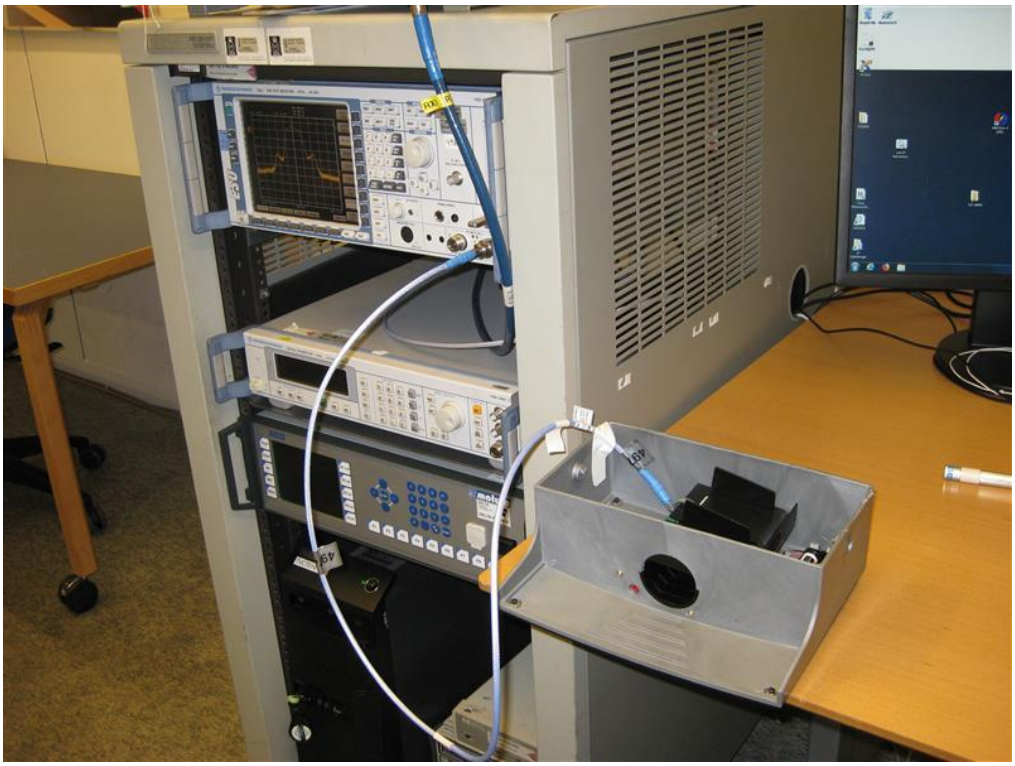
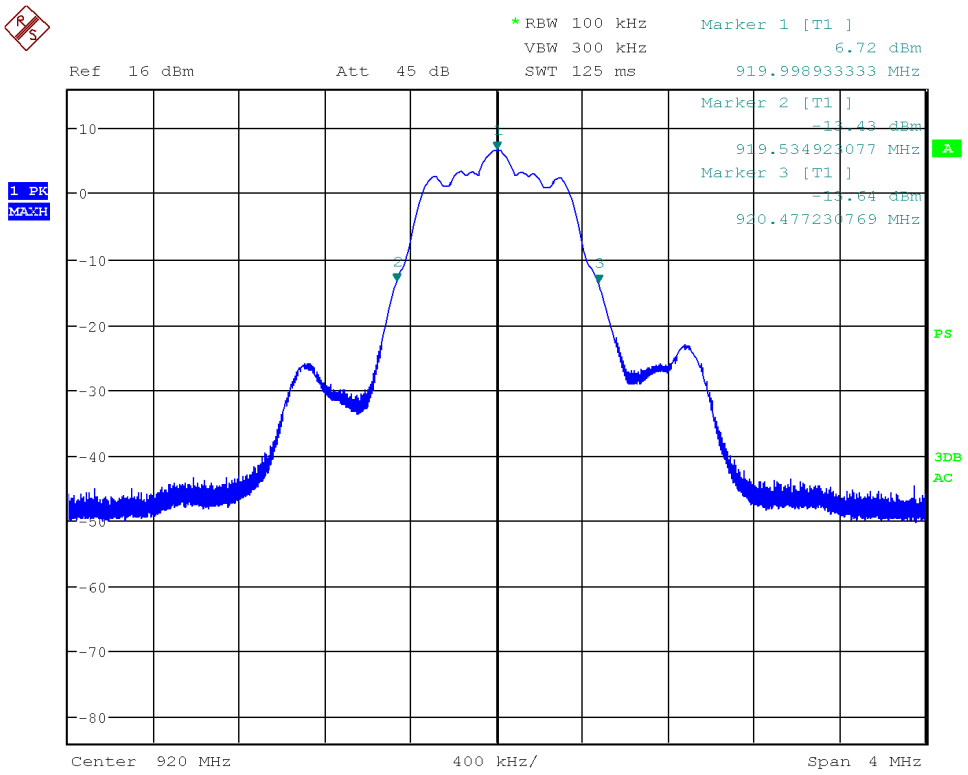


Photo 4.2.1 Test setup regarding measurement of 6 dB bandwidth.

4.3 Measurement of 20 dB bandwidth

Test object	Smart Catch	Sheet	PROF-5
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	12 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests		

Test method Characteristics	ANSI C63.10:2013 Procedures for testing DTS devices	Temperature Humidity	21 °C 30 % RH
Test equipm.	SRD lab Hørsholm 49600 49740	Uncertainty	1.1 dB
SA Settings	RBW: 100 kHz VBW: 300 kHz SPAN: 4 MHz DET: Peak CF: 920 MHz Trace: Max. hold		



Date: 12.DEC.2017 16:15:29

Comments Operating frequency: 920 MHz.

Test object	Smart Catch	Sheet	PROF-6
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	12 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests		

Test method Characteristics	ANSI C63.10:2013 Procedures for testing DTS devices	Temperature Humidity	21 °C 30 % RH
Test equipm.	SRD lab Hørsholm 49600 49740	Uncertainty:	1.1 dB
SA Settings	RBW: 100 kHz VBW: 300 kHz SPAN: DET: Peak CF: Operating freq. Trace: Max. hold		

Operating frequency [MHz]	Low frequency [MHz]	High frequency [MHz]	Remarks
920	919.93	920.48	-
Note 1:			

Operating frequency [MHz]	Measured [MHz]	Limit [MHz]	Remarks
Lowest frequency	919.93	902	Passed
Highest frequency	920.48	928	Passed

Band edge criteria	20 dB bandwidth
Test result	The measured 20 dBc bandwidth were within limit
Test port	Antenna connector
Test frequency	920 MHz
Test mode	Continuous Tx - normal modulation
Condition	Normal
Compliant	Yes
Comments	None

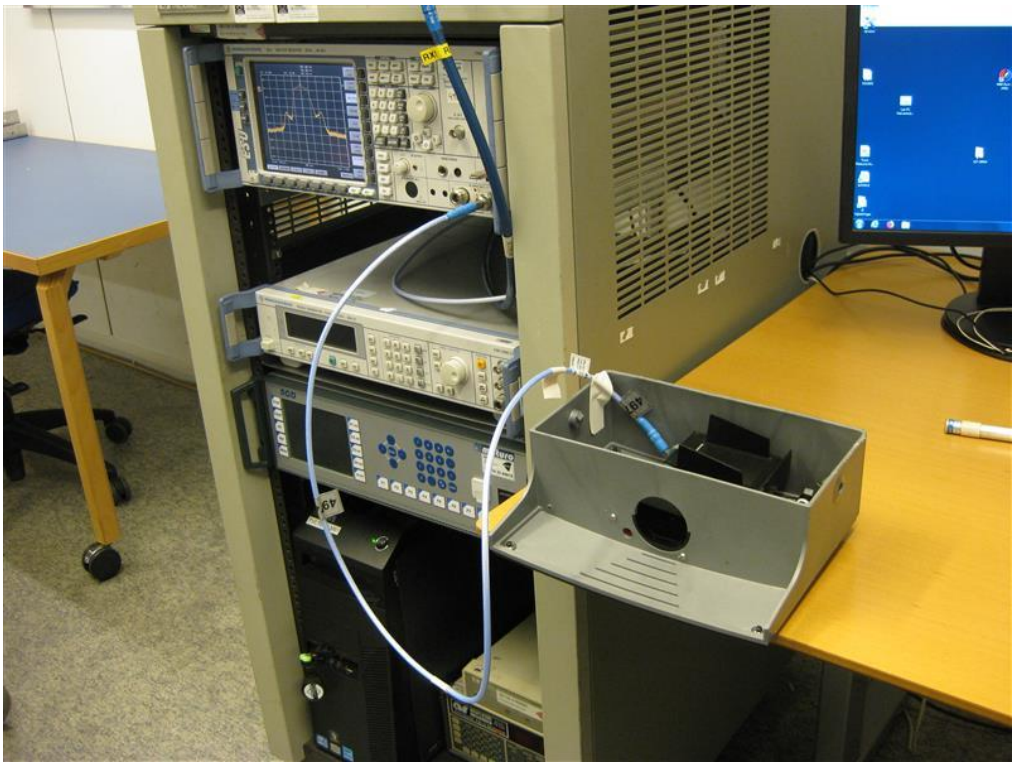


Photo 4.3.1 Test setup regarding measurement of 20 dB bandwidth.

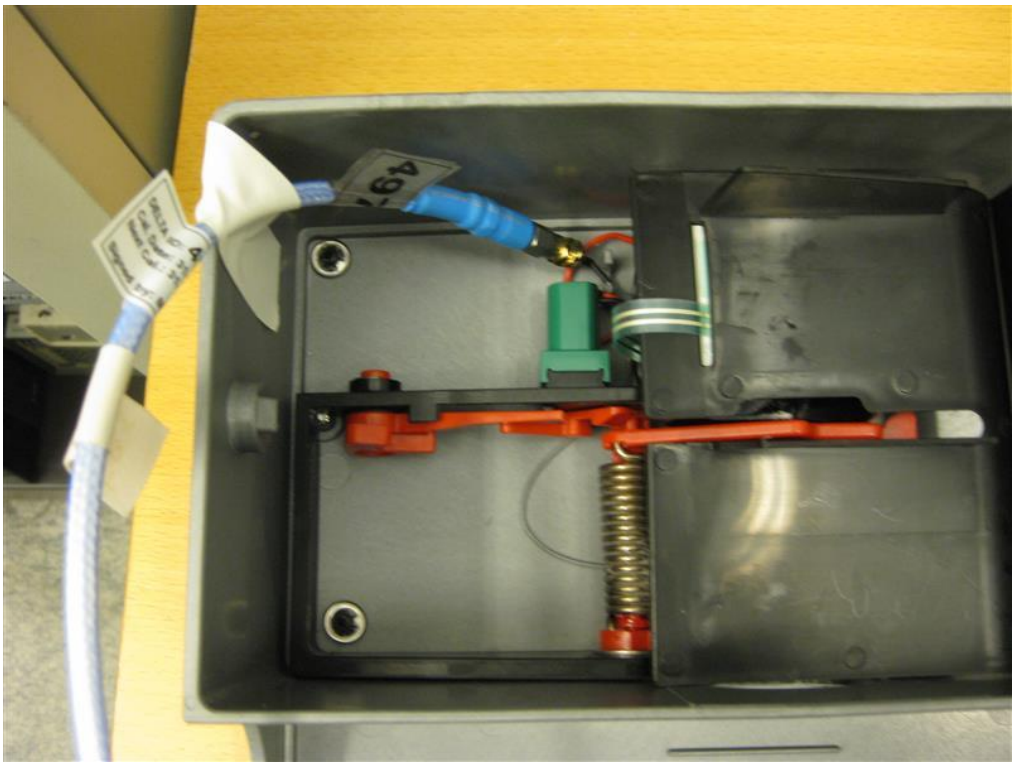
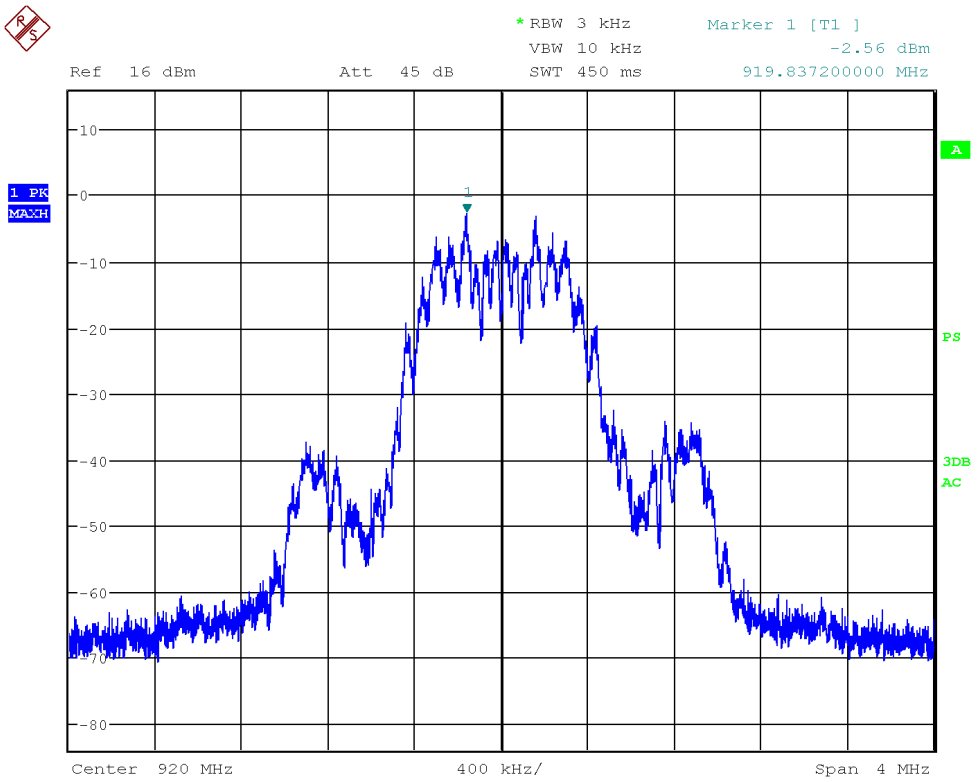


Photo 4.3.2 Test setup regarding measurement of 20 dB bandwidth.

4.4 Measurement of power spectral density conducted

Test object	Smart Catch	Sheet	PROF-7
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	12 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests		

Test method Characteristics	ANSI C63.10:2013 Procedures for testing DTS devices	Temperature Humidity	21 °C 30 % RH
Test equipm.	SRD lab Hørsholm 49600 49740	Uncertainty	1.1 dB
SA Settings	RBW: 3 kHz VBW: 10 kHz SPAN: 4 MHz DET: Peak CF: 920 MHz Trace: Max. hold		



Date: 12.DEC.2017 16:19:06

Comments Operating frequency: 920 MHz.

Test object	Smart Catch	Sheet	PROF-8
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	12 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests		

Test method Characteristics	ANSI C63.10:2013 Procedures for testing DTS devices	Temperature Humidity	21 °C 30 % RH
Test equipm.	SRD lab Hørsholm 49600 49740	Uncertainty	1.1 dB
SA Settings	RBW: 3 kHz VBW: 10 kHz SPAN: 4 MHz DET: Peak CF: 920 MHz Trace: Max. hold		

Operating Frequency [MHz]	Measured Power [dBm]	Limit [dBm]	Remarks
919.83	-2.56	8	Passed
Note 1:			

Test result	The measured power spectral density was within the limit
Test Port	Antenna connector
Test frequency	920 MHz
Test mode	Continuous Tx - normal modulation
Condition	Normal
Compliant	Yes
Comments	None

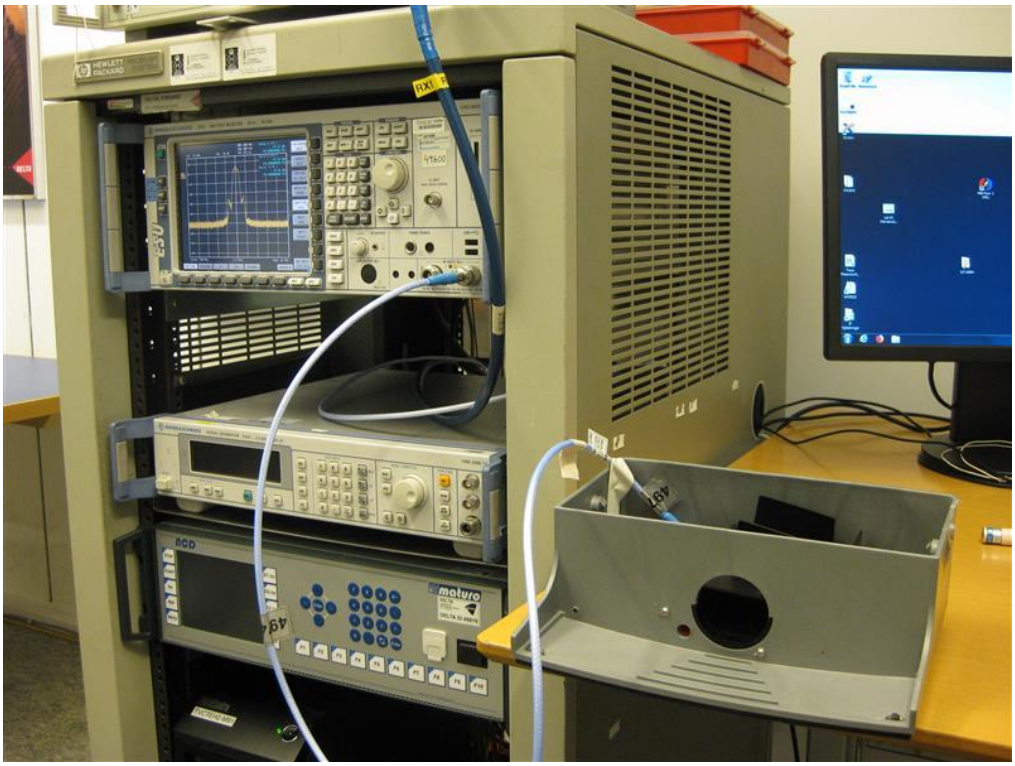
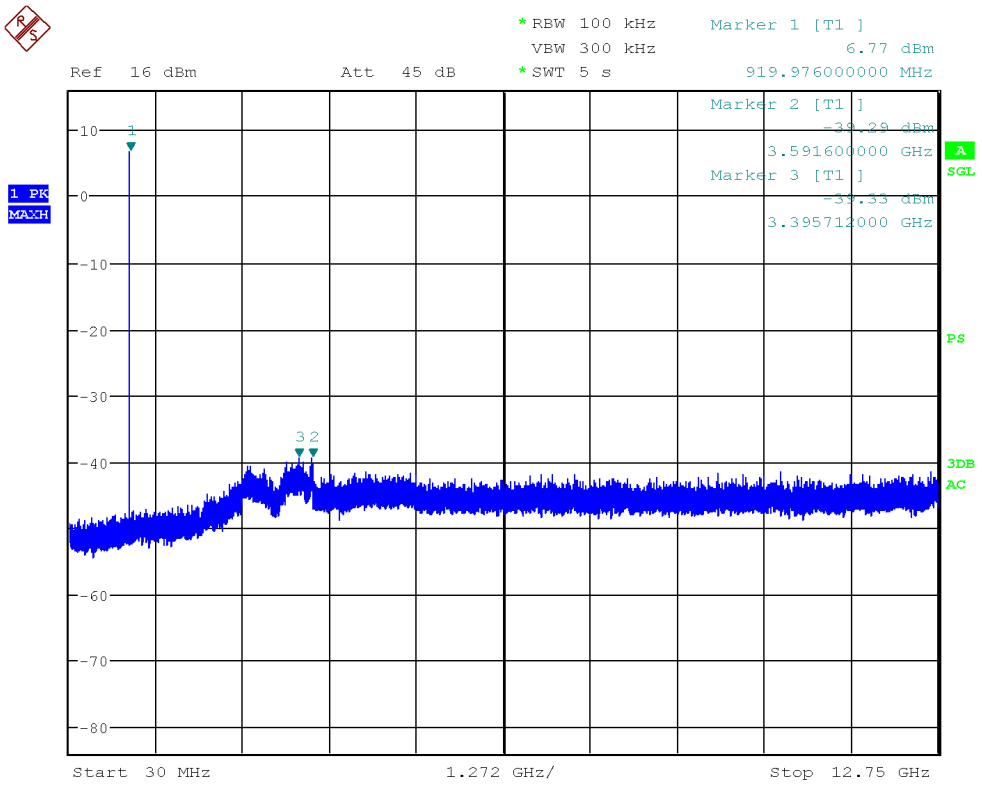


Photo 4.4.1 Test setup regarding measurement of power spectral density conducted.

4.5 Measurement of conducted spurious emissions

Test object	Smart Catch	Sheet	PROF-9
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	12 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests	Frequency	30-12750 MHz

Test method Characteristics	ANSI C63.10:2013 Procedures for testing DTS devices	Temperature Humidity	21 °C 30 % RH
Test equipm.	SRD lab Hørsholm 49600 49740	Uncertainty	1.1 dB
SA Settings	RBW: 100 kHz VBW: 300 kHz DET: Peak Trace: Max. hold		



Date: 12.DEC.2017 16:22:22

Comments None

Test object	Smart Catch	Sheet	PROF-10
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	12 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests	Frequency	30-12750 MHz

Test method Characteristics	ANSI C63.10:2013 Procedures for testing DTS devices	Temperature Humidity	21 °C 30 % RH
Test equipm.	SRD lab Hørsholm 49600 49740	Uncertainty:	1.1 dB
SA Settings	RBW: 100 kHz VBW: 300 kHz DET: Peak Trace: Max. hold		

Frequency [MHz]	Peak measurement [dBc]	Limit [dBc]	Remarks
3591.6	46.06	>20	Passed
3395.7	46.10	>20	Passed
Note 1:			

Test result	The measured conducted spurious emissions are within limit
Test port	Antenna connector
Test frequency	920 MHz
Test mode	Continuous Tx - normal modulation
Condition	Normal
Compliant	Yes
Comments	None

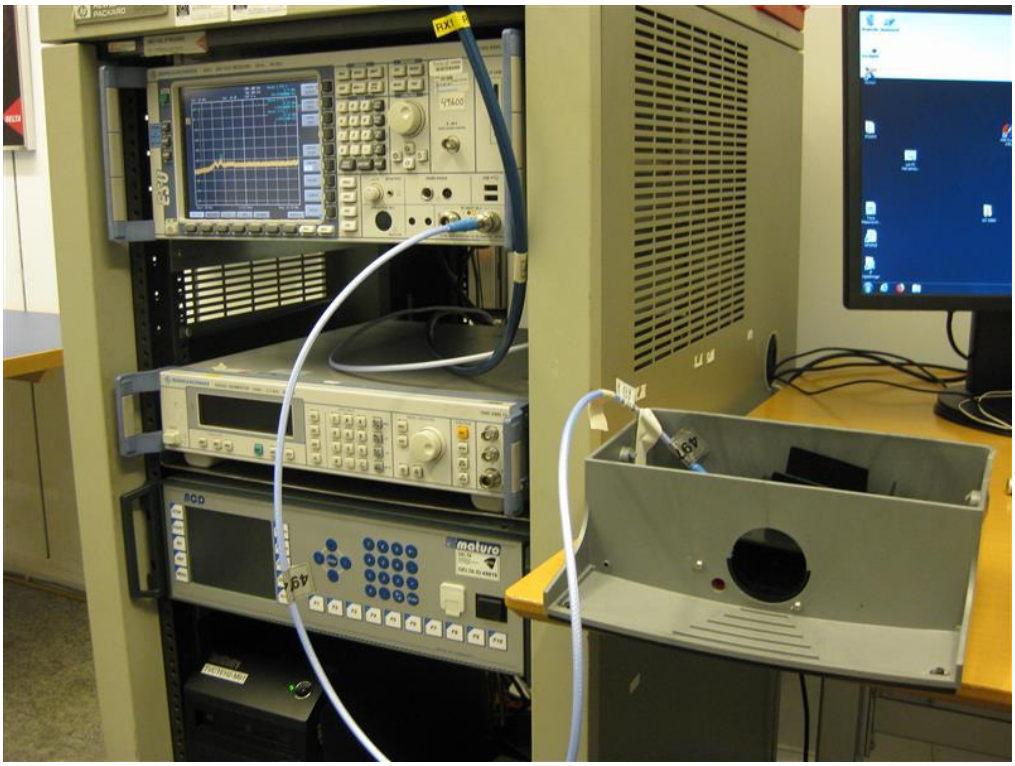
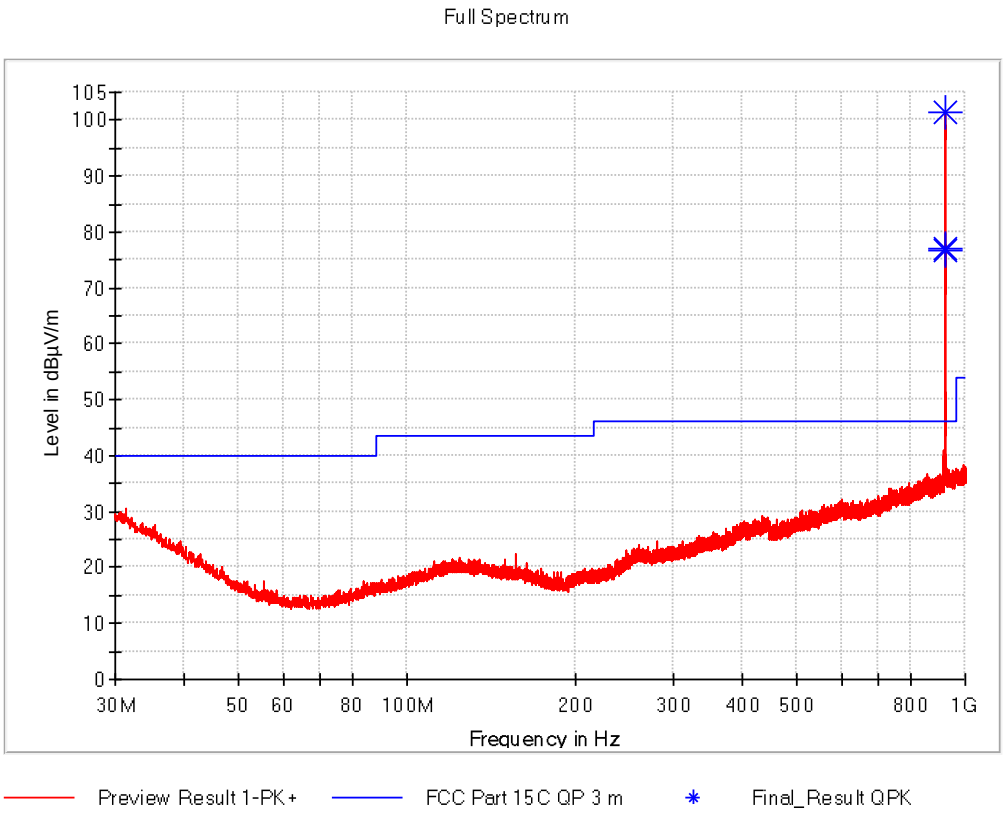


Photo 4.5.1 Test setup regarding measurement of conducted spurious emissions.

4.6 Measurement of radiated emission (below 1 GHz) Tx on

Test object	Smart Catch	Sheet	RE_Spur-1
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	14 Dec. 2017
Client	Anticimex Innovation Center	Initials	HKM
Specification	See section 1 Summary of tests	Frequency	30-1000 MHz

Test method Characteristics	ANSI C63.10:2013 Complete search, antenna distance 3 m	Temperature Humidity	20 °C 31 % RH
Detector	Peak and quasi peak	Bandwidth	120 kHz
Test equipm.	EMI room Hørsholm 49900 49154 49807 49704 49590 49817 49999	Uncertainty	6.3 dB



Comments Continuous Tx - normal modulation.

Test object	Smart Catch	Sheet	RE_Spur-2
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	14 Dec. 2017
Client	Anticimex Innovation Center	Initials	HKM
Specification	See section 1 Summary of tests	Frequency	30-1000 MHz

Test method Characteristics	ANSI C63.10:2013 Complete search, antenna distance 3 m	Temperature Humidity	20 °C 21 % RH
Detector	Quasi peak	Bandwidth	120 kHz
Test equipm.	EMI room Hørsholm 49900 49154 49807 49704 49590 49817 49999	Uncertainty	6.3 dB

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
919.11	**76.63**	**46.00**	**-30.63**	**15000.0**	**120.0**	**104.0**	**V**	**104**	**34.9**
920.01	**101.27**	**46.00**	**-55.27**	**15000.0**	**120.0**	**100.0**	**V**	**106**	**35.0**
920.88	**76.89**	**In Band**	**N/A**	**15000.0**	**120.0**	**102.0**	**V**	**92**	**35.0**

Test result	The measured field strengths are below the limit
Test Port	Enclosure
Test frequency	920 MHz
Test mode	Continuous Tx - normal modulation
Condition	Normal
Compliant	Yes
Comments	Final maximal measurements by variation of turntable azimuth, antenna height, and antenna polarisation.

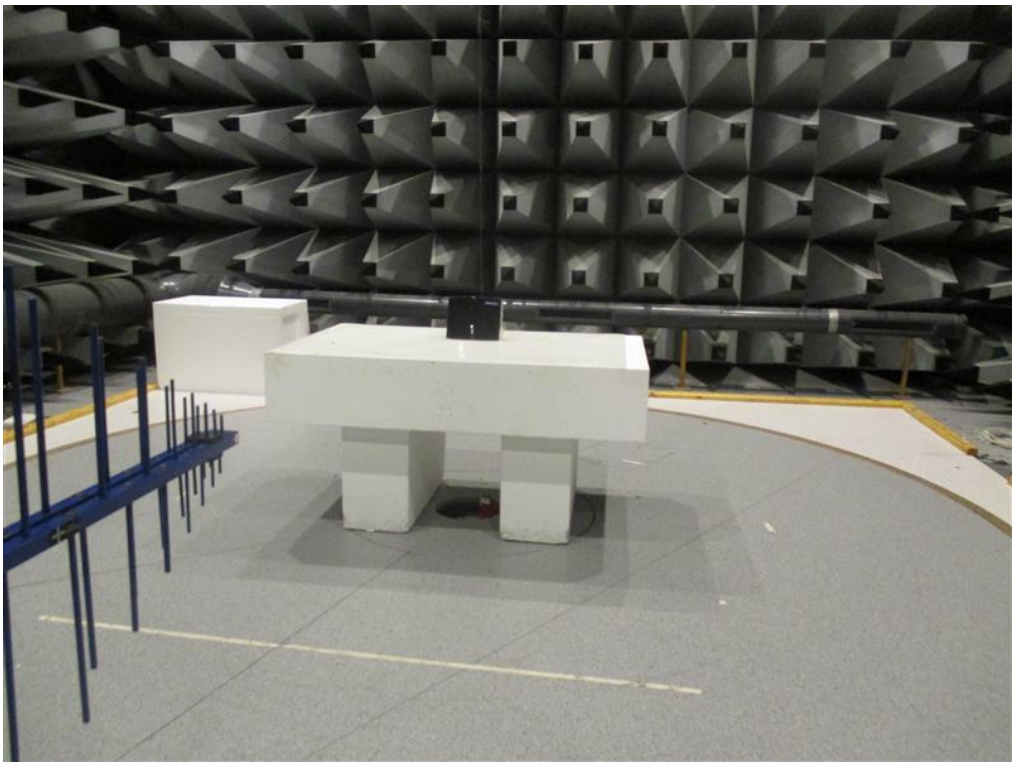


Photo 4.6.1 Test setup regarding measurement of radiated emission (below 1 GHz).

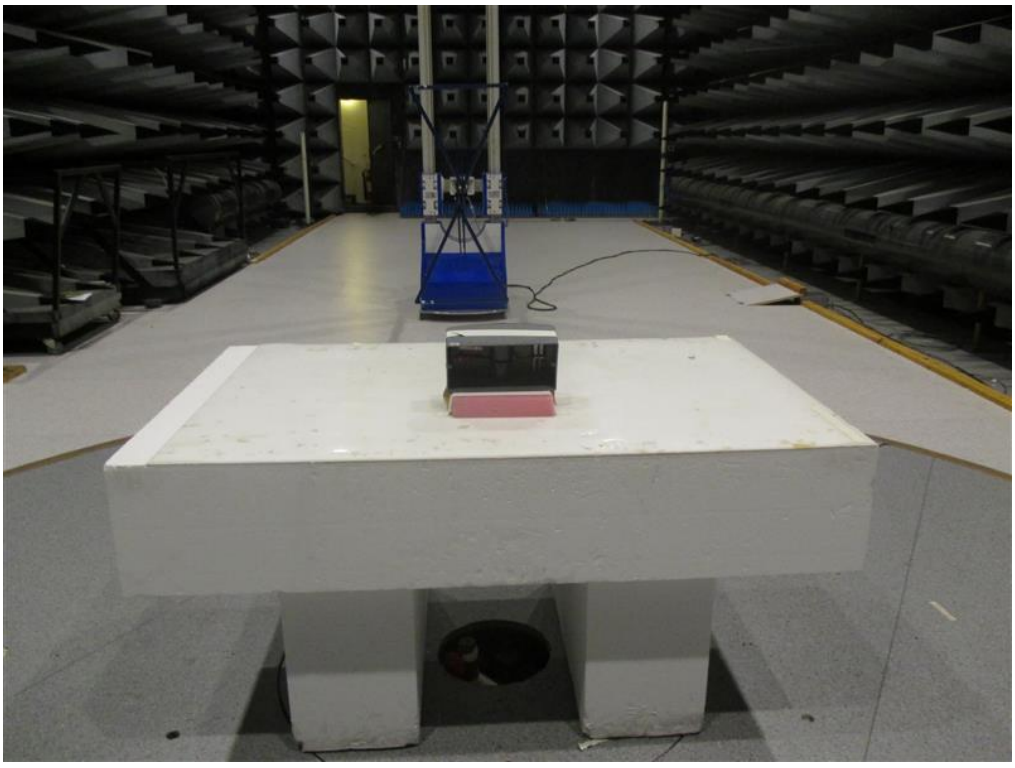
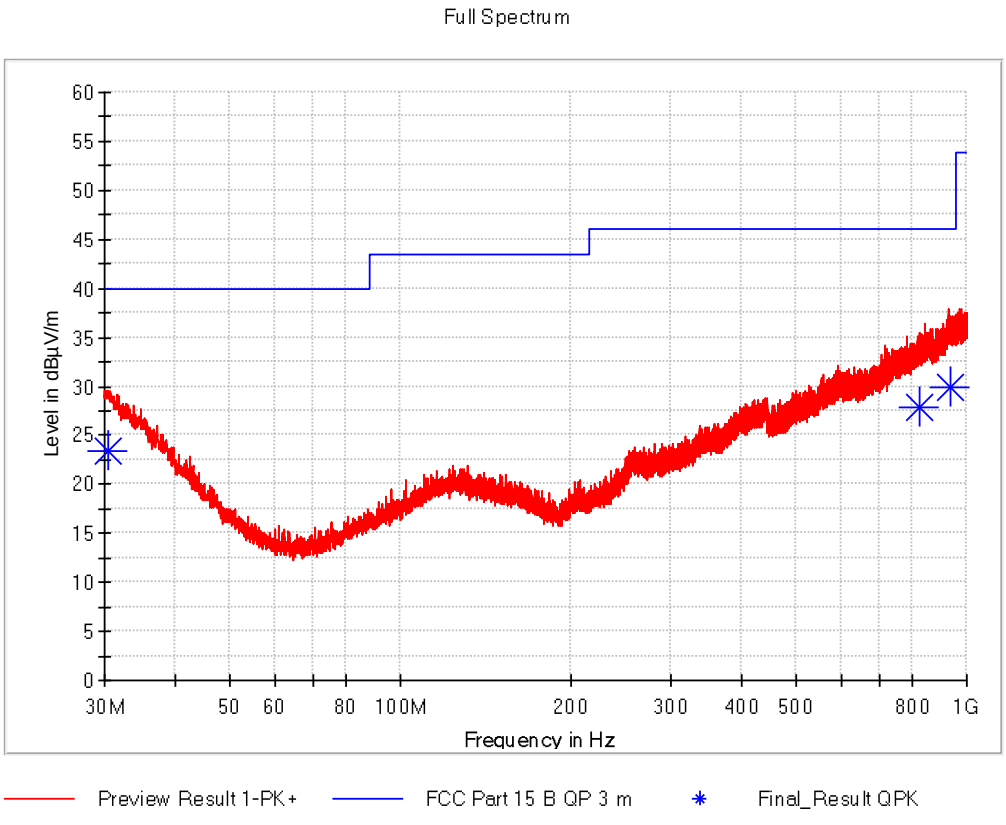


Photo 4.6.2 Test setup regarding measurement of radiated emission (below 1 GHz).

4.7 Measurement of radiated emission (below 1 GHz) normal mode

Test object	Smart Catch	Sheet	RE_Spur-3
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	22 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests	Frequency	30-1000 MHz

Test method Characteristics	ANSI C63.10:2013 Complete search, antenna distance 3 m	Temperature Humidity	21 °C 34 % RH
Detector	Peak and quasi peak	Bandwidth	120 kHz
Test equipm.	EMI room Hørsholm 49900 49154 49807 49704 49590 49817 49999	Uncertainty	6.3 dB



Comments Tx standby - normal modulation.

Test object	Smart Catch	Sheet	RE_Spur-4
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	22 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests	Frequency	30-1000 MHz

Test method Characteristics	ANSI C63.10:2013 Complete search, antenna distance 3 m	Temperature Humidity	21 °C 34 % RH
Detector	Quasi peak	Bandwidth	120 kHz
Test equipm.	EMI room Hørsholm 49900 49154 49807 49704 49590 49817 49999	Uncertainty	6.3 dB

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Band width (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
30.45	**23.38**	**40.00**	**16.62**	**15000.0**	**120.0**	**100.0**	**H**	**-49**	**26.5**
827.64	**27.91**	**46.00**	**18.09**	**15000.0**	**120.0**	**104.0**	**H**	**163**	**34.0**
932.70	**29.95**	**46.00**	**16.05**	**15000.0**	**120.0**	**173.0**	**H**	**306**	**35.6**

Test result — The measured field strengths are below the limit

Test Port — Enclosure

Test frequency — 920 MHz

Test mode — Tx standby - normal modulation

Condition — Normal

Compliant — Yes

Comments — Final maximal measurements by variation of turntable azimuth, antenna height, and antenna polarisation.

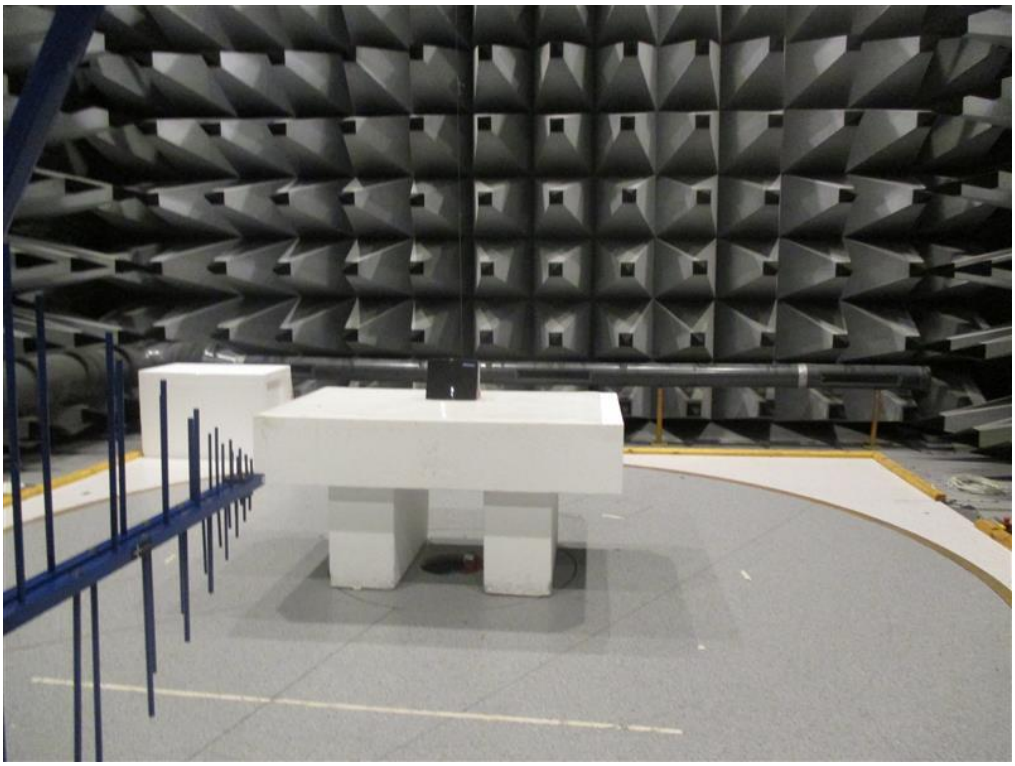


Photo 4.7.1 Test setup regarding measurement of radiated emission (below 1 GHz).

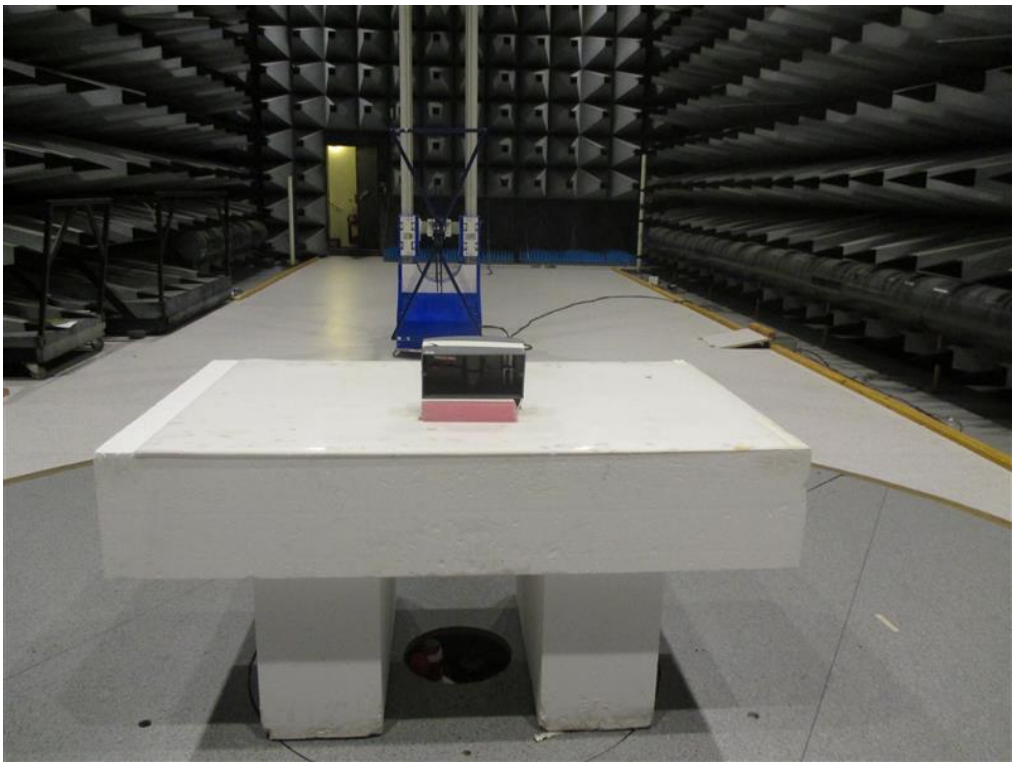
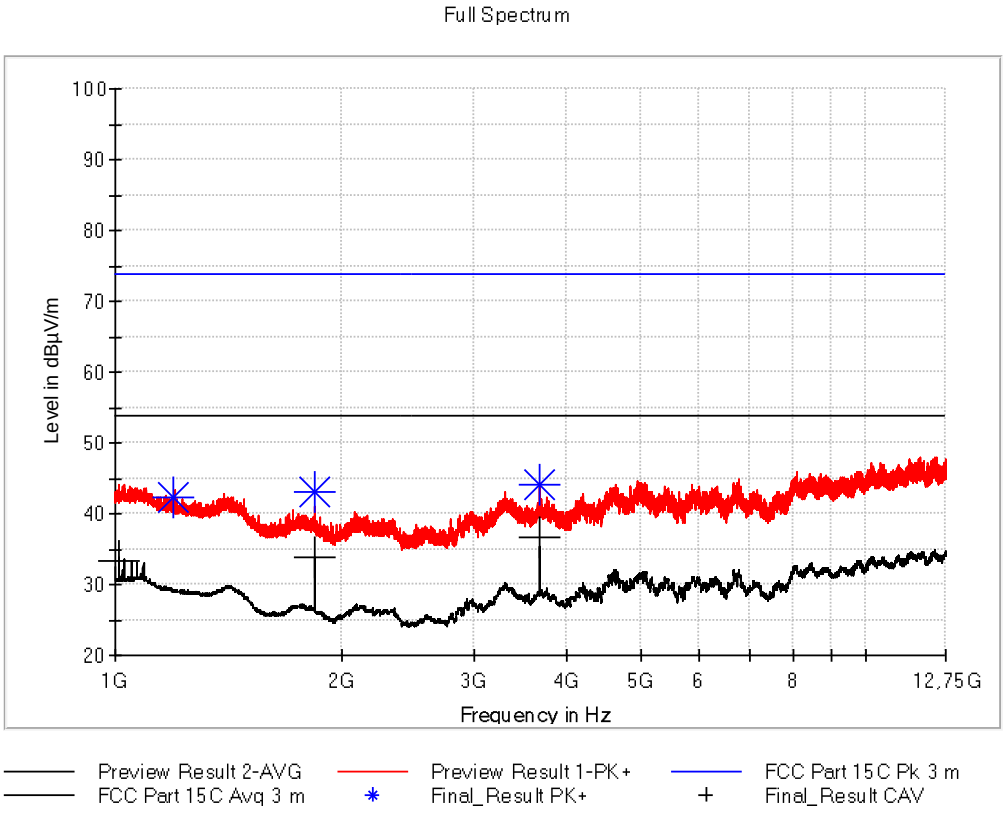


Photo 4.7.2 Test setup regarding measurement of radiated emission (below 1 GHz).

4.8 Measurement of radiated emission (above 1 GHz) Tx on

Test object	Smart Catch	Sheet	RE_Spur-5
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	15 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests	Frequency	1-12.75 GHz

Test method Characteristics	ANSI C63.10:2013 Complete search, antenna distance 3 m.	Temperature Humidity	20 °C 31 % RH
Detector	Peak and average	Bandwidth	1 MHz
Test equipm.	EMI room Hørsholm 49900 49624 49625 49590 49823 49704 49999	Uncertainty	4.9 dB



Comments Continuous Tx - normal modulation.

Test object	Smart Catch	Sheet	RE_Spur-6
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	15 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests	Frequency	1-12.75 GHz

Test method Characteristics	ANSI C63.10:2013 Complete search, antenna distance 3 m	Temperature Humidity	20 °C 31 % RH
Detector	Peak and average	Bandwidth	1 MHz
Test equipm.	EMI room Hørsholm 49900 49624 49625 49590 49823 49704 49999	Uncertainty	4.9 dB

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Corr (dB)	Pol	Azimuth (deg)
1010.00	---	33.25	53.90	20.65	15000.0	383.0	-11.7	H	156
1196.50	42.25	---	73.90	31.66	15000.0	102.0	-10.8	H	321
1840.00	---	33.72	53.90	20.18	15000.0	100.0	-14.5	V	301
1840.00	43.20	---	73.90	30.70	15000.0	104.0	-14.5	V	290
3679.75	44.00	---	73.90	29.90	15000.0	289.0	-40.6	H	223
3680.00	---	36.60	53.90	17.30	15000.0	179.0	-40.6	V	183

Test result	The measured field strengths are below the limit
Test Port	Enclosure
Test frequency	920 MHz
Test mode	Continuous Tx - normal modulation
Condition	Normal
Compliant	Yes
Comments	Final maximal measurements by variation of turntable azimuth, antenna height, and antenna polarisation.

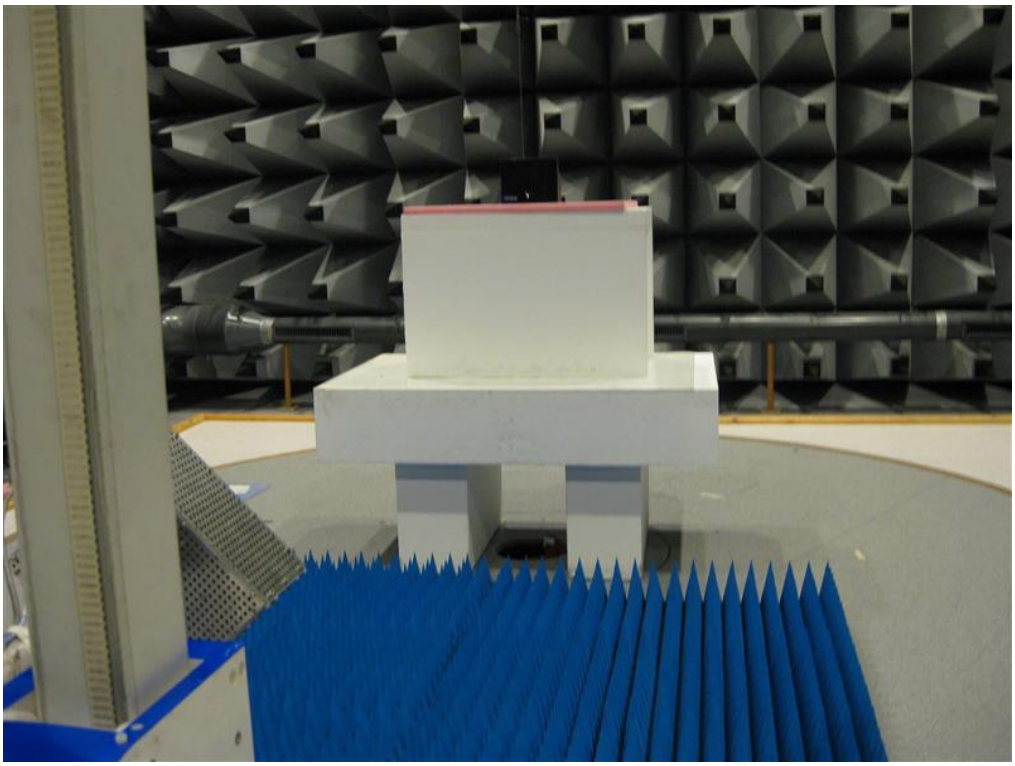


Photo 4.8.1 Test setup regarding measurement of radiated emission (above 1 GHz).

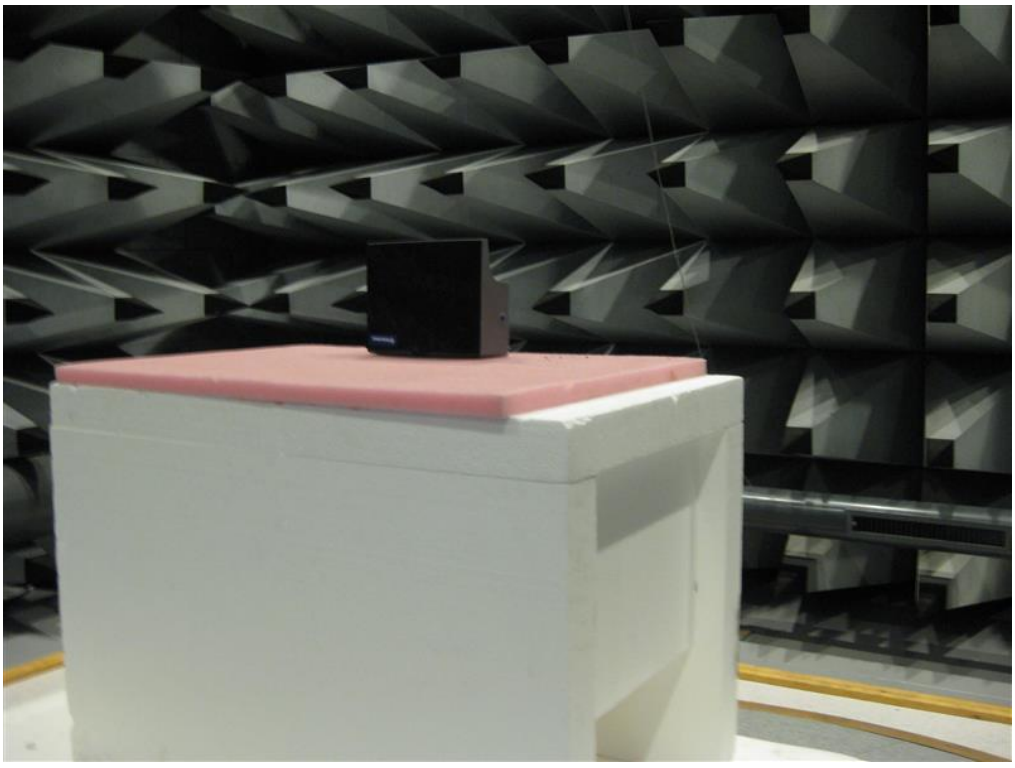
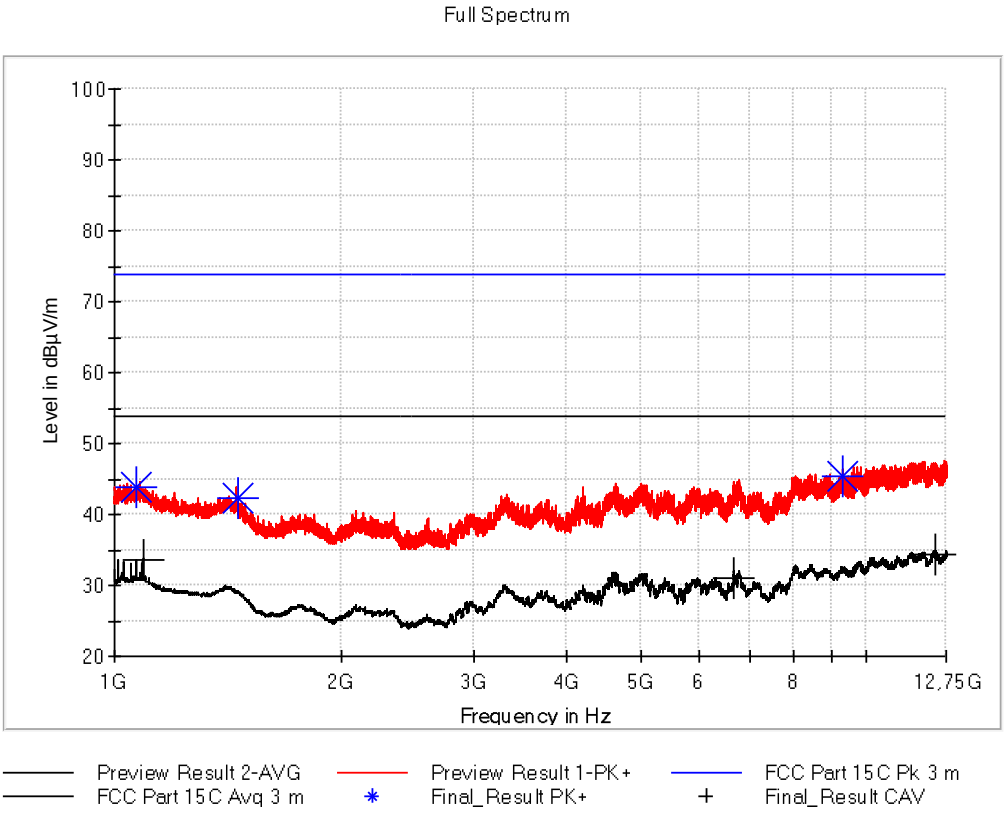


Photo 4.8.2 Test setup regarding measurement of radiated emission (above 1 GHz).

4.9 Measurement of radiated emission (above 1 GHz) normal mode

Test object	Smart Catch	Sheet	RE_Spur-7
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	15 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests	Frequency	1-12.75 GHz

Test method Characteristics	ANSI C63.10:2013 Complete search, antenna distance 3 m.	Temperature Humidity	20 °C 31 % RH
Detector	Peak and average	Bandwidth	1 MHz
Test equipm.	EMI room Hørsholm 49900 49624 49625 49590 49823 49704 49999	Uncertainty	4.9 dB



Comments Tx standby - normal modulation.

Test object	Smart Catch	Sheet	RE_Spur-8
Type	US-type	Project no.	117-21624-6
Serial no.	42006635	Date	15 Dec. 2017
Client	Anticimex Innovation Center	Initials	PWF
Specification	See section 1 Summary of tests	Frequency	1-12.75 GHz

Test method Characteristics	ANSI C63.10:2013 Complete search, antenna distance 3 m	Temperature Humidity	20 °C 31 % RH
Detector	Peak and average	Bandwidth	1 MHz
Test equipm.	EMI room Hørsholm 49900 49624 49625 49590 49823 49704 49999	Uncertainty	4.9 dB

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Height (cm)	Corr. (dB)	Pol	Azimuth (deg)
1069.25	43.88	---	73.90	30.02	15000.0	231.0	-10.8	H	137
1090.00	---	33.57	53.90	20.33	15000.0	250.0	-10.7	H	224
1460.25	42.39	---	73.90	31.51	15000.0	115.0	-12.6	V	260
6663.25	---	31.15	53.90	22.75	15000.0	160.0	-34.2	H	156
9287.25	45.35	---	73.90	28.55	15000.0	376.0	-26.0	V	98
12321.75	---	34.30	53.90	19.60	15000.0	102.0	-20.2	V	288

Test result	The measured field strengths are below the limit
Test Port	Enclosure
Test frequency	920 MHz
Test mode	Tx standby - normal modulation
Condition	Normal
Compliant	Yes
Comments	Final maximal measurements by variation of turntable azimuth, antenna height, and antenna polarisation.

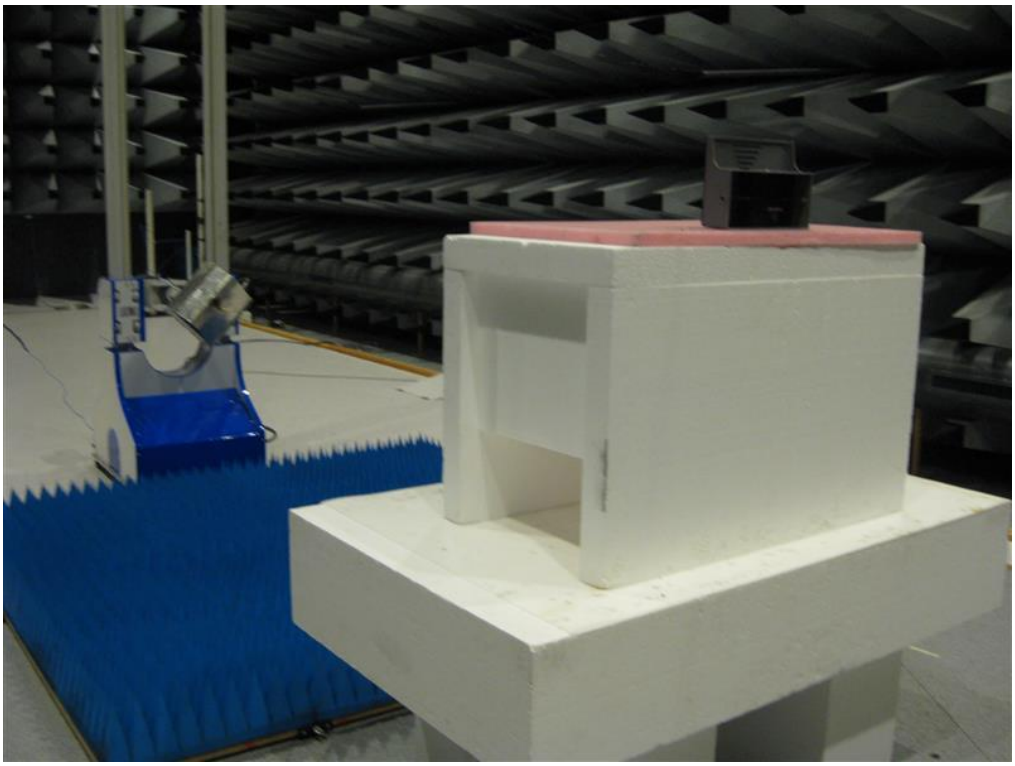


Photo 4.9.1 Test setup regarding measurement of radiated emission (above 1 GHz).

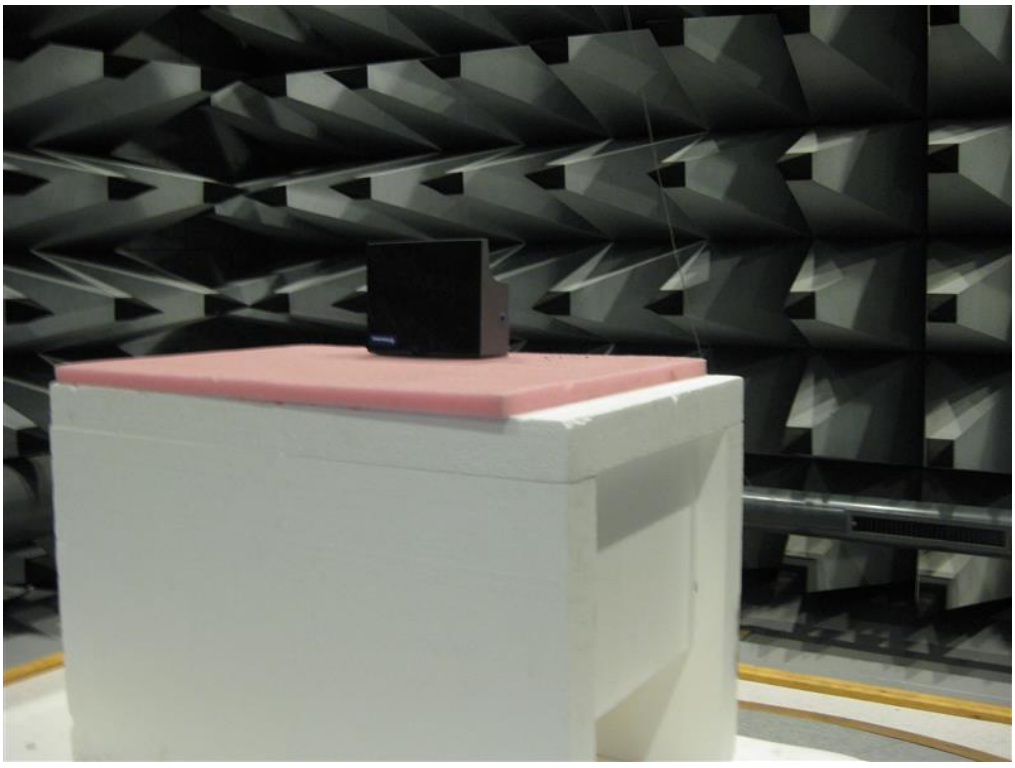


Photo 4.9.2 Test setup regarding measurement of radiated emission (above 1 GHz).

5. National registrations and accreditations

5.1 DANAK Accreditation

Organization: Danish Accreditation and Metrology Fund - DANAK, see www.danak.dk and www.ilac.org

Registration Number: 19

Area Number: C

DANAK is part of ILAC (International Laboratory Accreditation Cooperation) including its MRA (Mutual Recognition Arrangement). The MRA includes the Australian NATA and Canadian SCC.

5.2 FCC Registrations

Organization: Federal Communications Commission, USA

Registration Number: 913950

Facilities: EMC room 2 Hørsholm (EMC-2)
EMC room 3 Hørsholm (EMC-3)
EMC room 4 Hørsholm (EMC-4)
EMI room Hørsholm (EMC-5)

5.3 VCCI Registrations

Organization: Voluntary Control Council for Interference by Information Technology, Japan

Member Number: 910

Facilities:

EMC room 3 Hørsholm (EMC-3):	C-2532 and T-1548
EMC room 4 Hørsholm (EMC-4):	C-2533 and T-1549
EMI room Hørsholm (EMC-5):	R-1180, C-706, T-1550 and G-470

5.4 IC Registrations

Organization: Industry Canada, Certification and Engineering Bureau

Registration Number: IC4187A-5

Facilities: EMI room Hørsholm (EMC-5)

6. List of instruments

No	Category/Action	Manufacturer	Type no	Cal. date	Cal. exp.
49154	Bilog Antenne	CHASE	CBL6111A	23-06-2016	23-06-2018
49590	CABLE, LOW-LOSS uWAVE CABLE, N-N, 8.0 m "EMI"	SUHNER	SUCOFLEX 104 PB	02-11-2017	02-11-2018
49600	SPECTRUM ANALYZER / MEASUREMENT RECEIVER	ROHDE & SCHWARZ	ESU40	21-07-2017	21-07-2018
49624	DUAL RIDGE HORN ANTENNA – 1GHZ-26GHZ (2GHZ-32GHZ)	SATIMO	SH2000	04-11-2014	04-01-2018
49625	SRD COAX SWITCH MATRIX USED IN 1GHZ TO 26GHZ SRD ANTENNASYSTEM	DELTA	COAX SWITCH MATRIX	03-11-2017	03-11-2018
49704	CABLE 3 m SMA-N	SUHNER	SUCOFLEX104	04-11-2017	04-11-2018
49740	CABLE 1.25 m SMA-SMA	SUHNER	SUCOFLEX104	31-10-2017	31-10-2018
49807	ATTENUATOR, DC-12.4GHz, 6 dB	HUBER-SUHNER	6806.17A	15-02-2017	15-02-2018
49817	CABLE, LOW-LOSS uWAVE CABLE, N-N, 8.0 m "EMI"	SUHNER	SUCOFLEX 104 PB	02-11-2017	02-11-2018
49823	CABLE SF126 SMA-SMA 7 m	HUBER & SUHNER	SF126/11SMA/11 SMA/7000	20-12-2017	20-12-2018
49900	SPECTRUM ANALYZER / MEASUREMENT RECEIVER	ROHDE & SCHWARZ	ESW26	11-09-2017	11-09-2018
49999	EMC32-SOFTWARE	ROHDE & SCHWARZ	Ver. 9.26	N/A	N/A