

R041-14-104263-3A - DM / CBU

RADIO TEST REPORT

According to the standard(s):

**FCC part 15 Subpart C
OET Bulletin 65 (1997)**

Equipment under test:

**WORKABOUT PRO V4 7528X + Air300LF
WORKABOUT PRO V4 7528XP + Air300LF****FCC ID (RFID Module): QG2AIR300**

Company:

AGRIDENT GMBH

Diffusion: Mr RUPPERT

(Company: AGRIDENT GMBH)

Number of pages: 30 including 1 annex

Ed.	Date	Modified page(s)	Written by		Technical verification Quality approval	
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NAME OF THE EQUIPMENT UNDER TEST (E.U.T.) : WORKABOUT PRO V4 7528X + Air300LF
WORKABOUT PRO V4 7528XP + Air300LF

Serial number : None

Part number : FCC ID (RFID module): QG2AIR300

Software Version : None

MANUFACTURER'S NAME : AGRIDENT GMBH

APPLICANT'S ADDRESS:

Company : AGRIDENT GMBH

Address : Steinklippenstrasse 10
D-30890 Barsinghausen
GERMANY

Person(s) present during the tests : Mr FORNIER

Responsible : Mr RUPPERT

DATE(S) OF TESTS : From 16th till 19th February 2015

TESTS LOCATION(S) : EMITECH MONTPELLIER laboratory in
VENDARGUES (34) - FRANCE
Open area test site in SALINELLES (30) -
FRANCE
FCC Accredited under US-EU MRA
Designation Number: FR0006
FCC Test Firm Registration Number: 954701

TESTS SUPERVISOR(S) : None

TESTS OPERATOR(S) : David MONTAULON

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1. INTRODUCTION

This document submits the results of Electromagnetic Compatibility tests performed on the equipment **WORKABOUT PRO V4: 7528X & 7528XP + Air300LF** (denominated hereafter E.U.T.: equipment under test) according to document(s) listed below.

2. REFERENCE DOCUMENT(S)

FCC Part 15

Code of Federal Regulations
Title 47 – Telecommunications
Chapter 1 – Federal Communications Commission
Part 15 – Radio frequency devices
Subpart C – Intentional Radiators

ANSI C 63.4:2003

American National Standard for Methods of measurement of Radio-Noise from low-voltage. Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz

3. EQUIPMENT UNDER TEST CONFIGURATION

Equipment under test (E.U.T.) description: The RFID module is plugged into the internal expansion port of the WORKABOUT PRO4 Handheld Computer.

The WORKABOUT PRO4 is a colour mobile computer. The product has a Lithium Ion polymer rechargeable battery pack, WLAN, Bluetooth and WWAN radios (7528XP only) and is supplied with an AC/DC adaptor.

The RFID module has to pass Limited Modular approval for FCC and Canadian rules. This module will be approved for use when installed in the following WORKABOUT PRO4 Handheld Computer models **7528X & 7528XP**:

RFID MODULE

Applicant: AGRIDENT GmbH

FCC ID: QG2AIR300

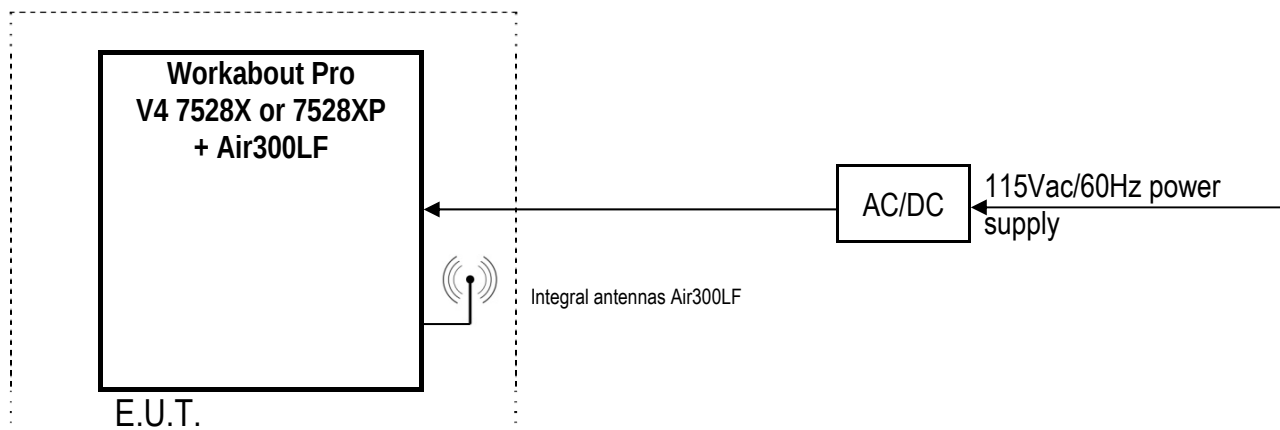
Model: 7528X (FCC ID: QG27528PA) - in co- transmission with Bluetooth module and WLAN

- Permanent transmitter emission with a loop coil antenna:
- Integral antenna, dedicated antenna supplied with the equipment
- Frequency range used by E.U.T.: 134.2kHz (RFID), 2400-2483.5MHz (Wi-Fi and Bluetooth)
- Tested frequency: 134.2kHz (RFID)
- Equipment: multi frequency
- Total channel available: 1 (For RFID module)
- Power supply: 115Vac/60Hz with AC adaptor

Model: 7528XP (FCC ID: QG2211486030B) in co- transmission with Bluetooth module, WLAN and WWAN.

- Permanent transmitter emission with a loop coil antenna:
- Integral antenna, dedicated antenna supplied with the equipment
- Frequency range used by E.U.T.: 134.2kHz (RFID), 2400-2483.5MHz (Wi-Fi and Bluetooth) GSM 850, DCS1900.
- Tested frequency: 134.2kHz (RFID)
- Equipment: multi frequency
- Total channel available: 1 (For RFID module)
- Power supply: 115Vac/60Hz with AC adaptor

4. EQUIPMENT UNDER TEST CONFIGURATION SCHEME



Cycle and operating mode during emission tests: Permanent emission mode. AC/DC direct loading mode is the worst configuration.

Equipment modifications applied during tests: No

5. SUMMARY OF TEST RESULTS

Tests designation	Results satisfying?	Comments
Antenna requirement - FCC part 15.203	YES	Integrated antennas
Restricted band of operation - FCC part 15.205	YES	
Conducted power lines - FCC part 15.207	YES	
Unwanted radiated emissions - FCC part 15.209	YES	
Collocation - OET Bulletin 65:1997	YES	

N.P.: Not Performed.

N.A.: Not Applicable.

In emission:

Sample subject to the test complies with prescriptions of the standard(s) FCC Part 15 Subpart C and to OET Bulletin 65:1997 according to limits specified in this test report.

6. CONDUCTED EMISSIONS – SECTION 15.207

Standard: FCC part 15 Subpart C 15.207

Test method: ANSI C63.4: 2003

Test configuration:

Tested cable(s)	Measure with	E.U.T. height
115Vac/60Hz power supply / 7528XP	L.I.S.N.	80cm
115Vac/60Hz power supply / 7528X	L.I.S.N.	80cm

Frequency band	Tested cable(s)	Resolution bandwidth	Video bandwidth	Detection mode
150kHz-30MHz	115Vac/60Hz power supply / 7528XP	10KHz	30kHz	Peak / Average
150kHz-30MHz	115Vac/60Hz power supply / 7528X	10KHz	30kHz	Peak / Average

Test method deviation: No

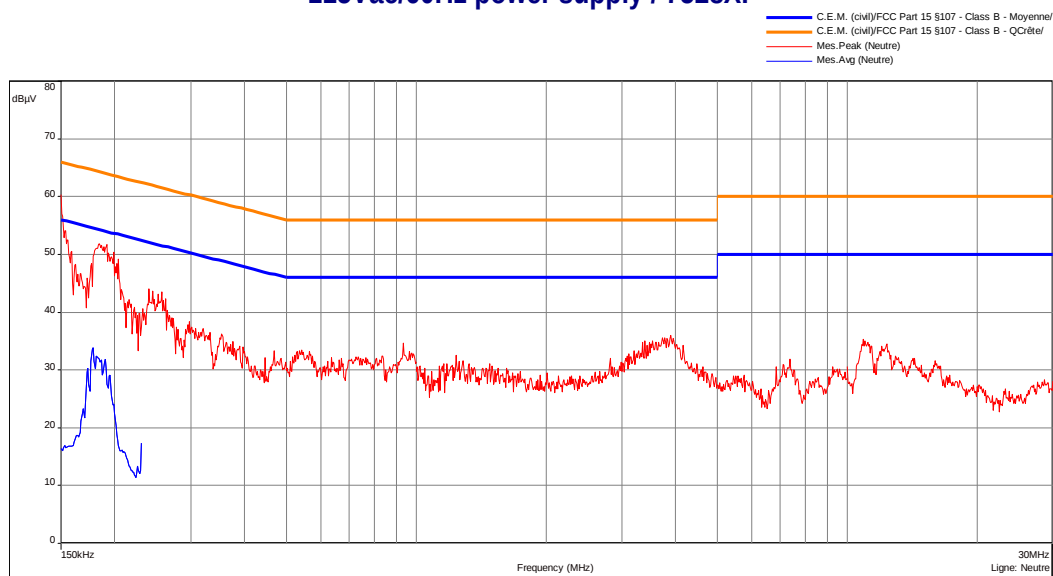
Test equipment list:

CATEGORY	BRAND	TYPE	N° EMITECH	DATE CAL.	DATE VAL
Cable	Emitech	Current absorber sheath	9491	25/09/2014	25/11/2016
Cable	Micro-coax	N-3m	10537	05/09/2013	05/11/2015
Cable	Micro-coax	N-5m	10527	05/09/2013	05/11/2015
Ground choke	EMITECH	CISPR 16-2-1 : 2008	10071	#	#
Ground choke	EMITECH	CISPR 16-2-1 : 2008	10080	#	#
Limiter	Hewlett Packard	11947A	0239	22/10/2013	22/12/2015
LISN	PMM	L3-25	0821	13/03/2014	13/05/2016
Receiver	Agilent	E4440A	5824	01/05/2014	01/07/2016
Receiver	Rohde & Schwarz	ESHS10	3371	16/02/2015	16/04/2017
Shielded enclosure	RAY PROOF	C.V1	1123	17/10/2013	17/12/2016
Software	Nexio	BAT EMC	0000	#	#
Thermohygrometer	Bioblock Scientific	Météostar	0963	31/10/2014	31/12/2016

#: Permanent validity

BAT-EMC software version: V3.6.0.32

Results: See **Graph(s)** hereafter. Limits on the graphs are average and quasi-peak limits (upper limit).

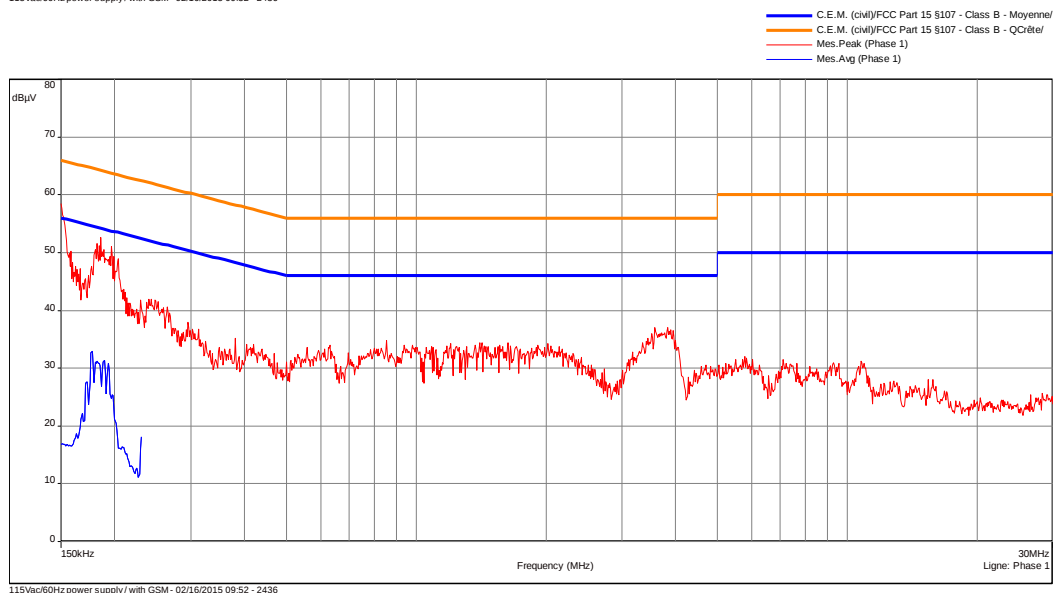
Conducted voltage emission (measurement)
115Vac/60Hz power supply / 7528XP
EMI2436


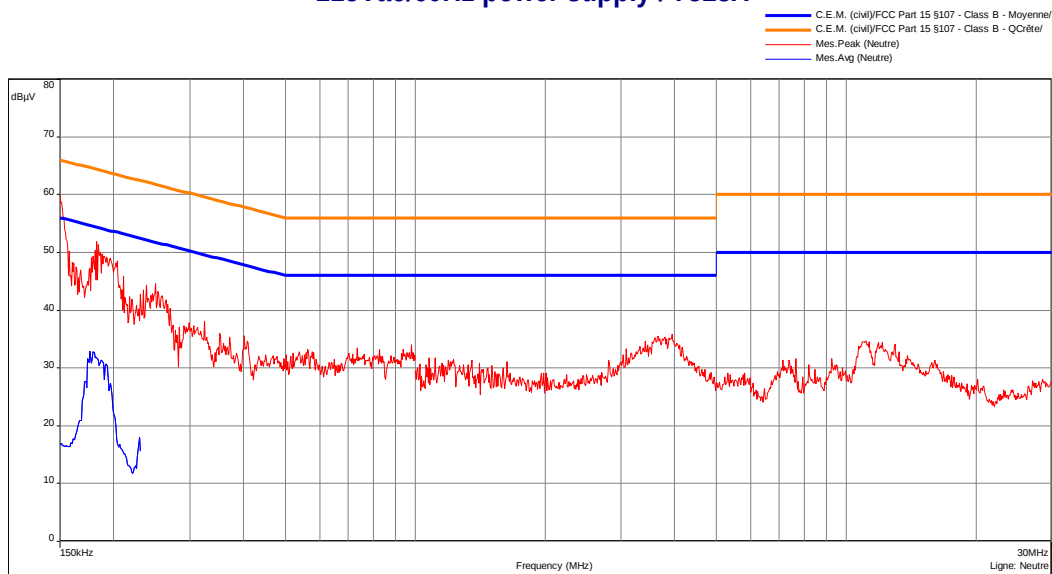
Date: 16/02/2015 09:52:32

Technician: RB

Class: B of the standard

Detection:
Peak

Modification(s) during test:
No


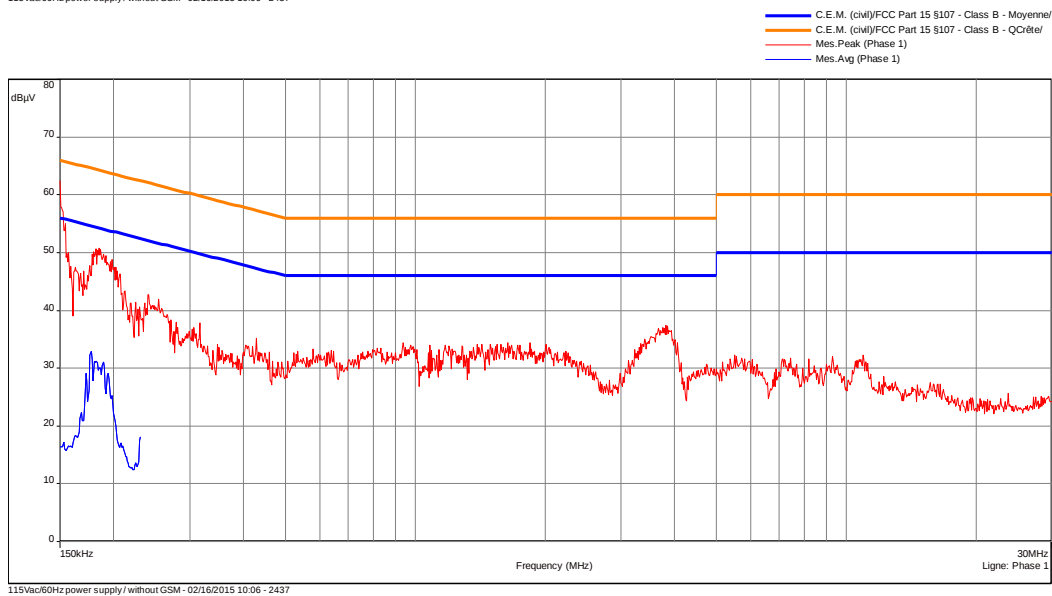
Conducted voltage emission (measurement)
EMI2437
115Vac/60Hz power supply / 7528X


Date: 16/02/2015 10:06:06

Technician: RB

Class: B of the standard

Detection:
Peak

Modification(s) during test:
No


7. UNWANTED RADIATED EMISSIONS – SECTION 15.209

Standards: FCC part 15 Radio part 15.209 and OET Bulletin 65:1997

Test method: ANSI C63.4: 2003

a) Pre-measurement in semi anechoic chamber:

Frequency band	Tested side	Resolution bandwidth	Video bandwidth	Detection mode	E.U.T. height
9kHz-150kHz	Front side	200Hz	1kHz	Peak	80cm
150kHz-30MHz	Front side	10kHz	30kHz	Peak	80cm
30MHz-1GHz	Front side	100kHz	300kHz	Peak	80cm
1GHz-12.75GHz	Front side	1MHz	3MHz	Peak	80cm

Measurements below 30MHz are done with a loop antenna as describe in the standard.

Measurements are done in semi anechoic chamber at 3m. E.U.T. is set on a wooden table.

E.U.T. measurements are maximized at 360° in max-hold peak detection.

For collocation measurement, notch filters are used to avoid overloads of measurement system.

Radiocommunication links are done by a CMU200.

Limits:

From 9 kHz to 30MHz: Limit indicated on the curves is calculated with 40 dB/decade extrapolation factor and 51.5 dB conversion factor.

From 30MHz to 1GHz: quasi peak limit provided is the limit given in 15.209

Above 1GHz average limits in restricted bands and general limits are 54dB μ V/m. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20dB under any condition of modulation.

Test method deviation:

From 9 kHz to 30MHz: measurements are made in peak detection instead of average mode in frequency band 9 kHz-500 kHz

- Measurements are given in dB μ A/m instead of μ V/m
- Measuring distance is 3 meters instead of 30 and 300 meters

Radiated emissions limits in this frequency band are specified at 30 or 300 meters. Pre measurement distance used during the test, subject of this report, is 3 meters. Then published limits come from a theoretical conversion using an extrapolation factor of 40dB / decade.

Measuring distance: 3 meters

Test equipment list:

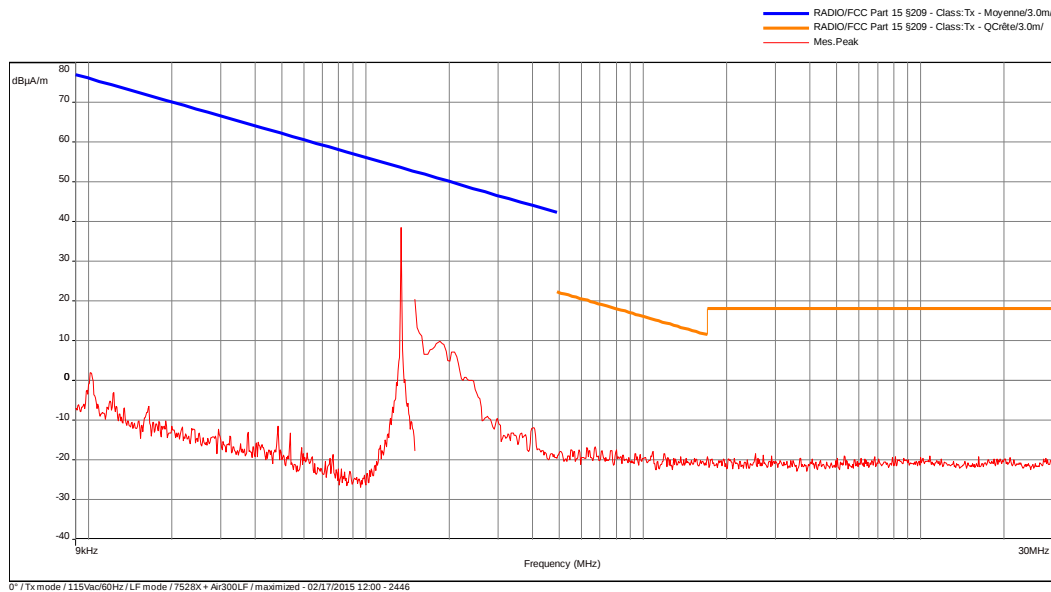
CATEGORY	BRAND	TYPE	N° EMITECH	DATE CAL.	DATE VAL
Antenna	ETS LINDGREN	3117	8387	26/08/2011	26/10/2015
Antenna	Electro-Metrics	BIA-30HF	1107	03/03/2011	03/05/2015
Antenna	Rohde & Schwarz	HFH2-Z2	5825	27/01/2015	27/03/2017
Antenna	Rohde & Schwarz	HL223	1137	03/03/2011	03/05/2015
Cable	C&C	N-1.5m	10553	27/09/2013	27/11/2015
Cable	C&C	N-3m	10557	27/09/2013	27/11/2015
Cable	C&C	N-3m	10558	27/09/2013	27/11/2015
Cable	C&C	N-5m	10559	27/09/2013	27/11/2015
Cable	C&C	N-5m	10561	27/09/2013	27/11/2015
Filter	Micro-Tronics	HPM 11630	4392	07/08/2014	07/10/2016
Filter	MICROTRONICS	HPM 15162	10273	07/06/2013	07/08/2015
Filter	Wainwright	WRCD 1800/2000	9773	12/02/2015	12/04/2017
Filter	Wainwright	WRCG 2400/2483	9771	12/02/2015	12/04/2017
Filter	Wainwright	WRCT 800/880	9775	12/02/2015	12/04/2017
Preamplifier	IMPULSE	CA118-546ACN	9169	17/06/2014	17/08/2015
Receiver	Agilent	E4440A	5824	01/05/2014	01/07/2016
Shielded enclosure	RAY PROOF	C.GS3	1123	17/10/2013	17/12/2016
Software	Nexio	BAT EMC	0000	#	#
Thermohygromètre	Bioblock Scientific	Météostar	0963	31/10/2014	31/12/2016

#: Permanent validity

BAT-EMC software version: V3.6.0.32

Results: See **Graphs** hereafter.

Radiated field strength 7528X + Air300LF / antenna 0°

EMI2446


Date: 17/02/2015 12:00:03

Technician: RB

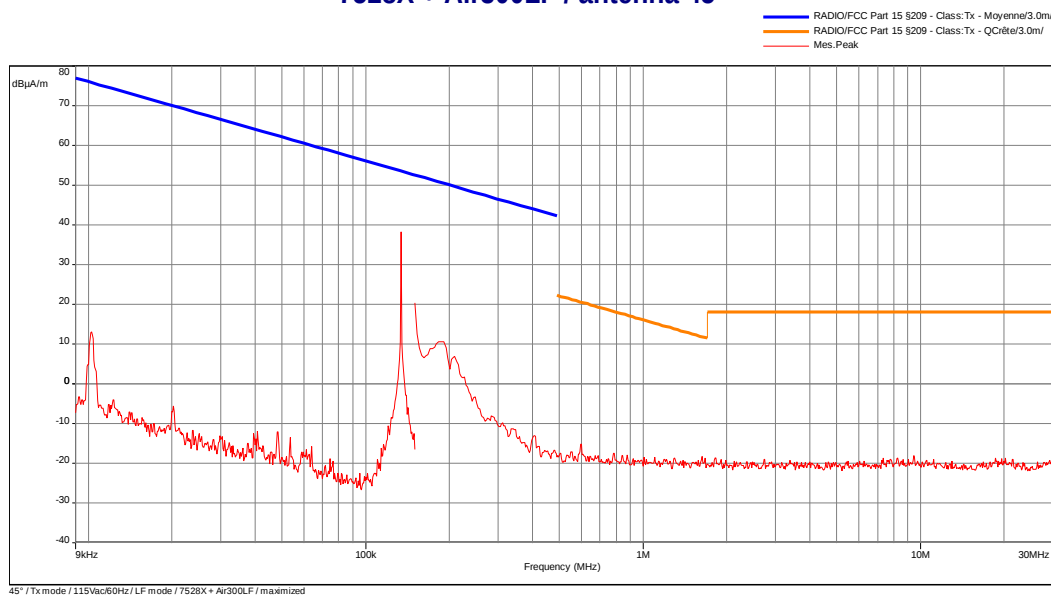
Detection:
Peak

T (°C): **21.5**
H (%): -
P (hpa): **1008**

Comments:

Modification(s) during test:
None

Radiated field strength 7528X + Air300LF / antenna 45°

EMI2447


Date: 17/02/2015 12:05:29

Technician: RB

Detection:
Peak

T (°C): **21.5**
H (%): -
P (hpa): **1008**

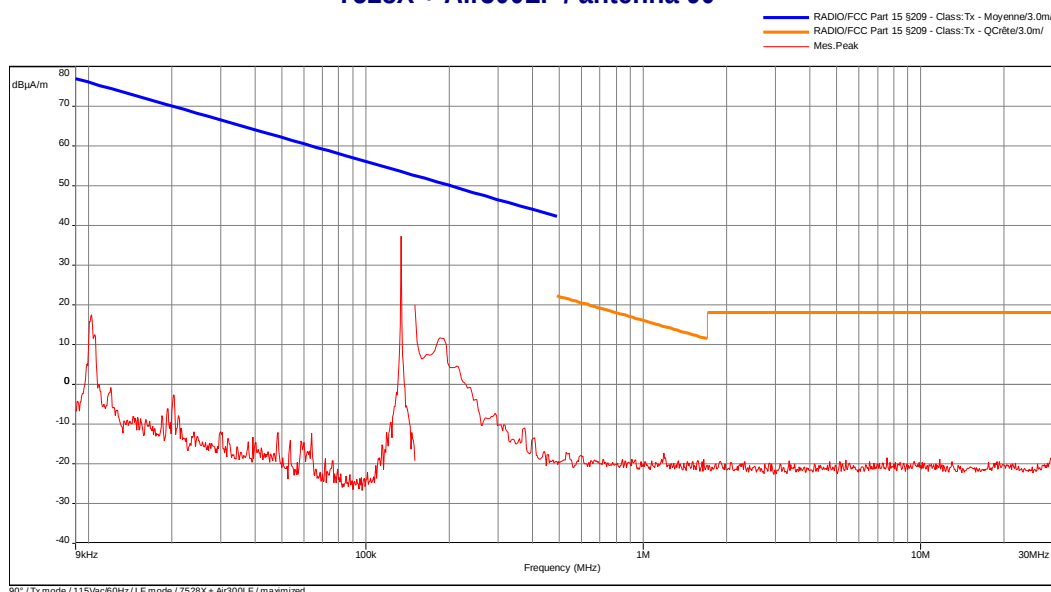
Comments:

Modification(s) during test:
None

Limit indicated on these plots are calculated with 40 dB/decade extrapolation factor and 51.5dB conversion factor.

Radiated field strength 7528X + Air300LF / antenna 90°

EMI2448



Date: 17/02/2015 12:10:27

Technician: RB

Detection:
Peak

T (°C): 21.5
H (%): -
P (hpa): 1008

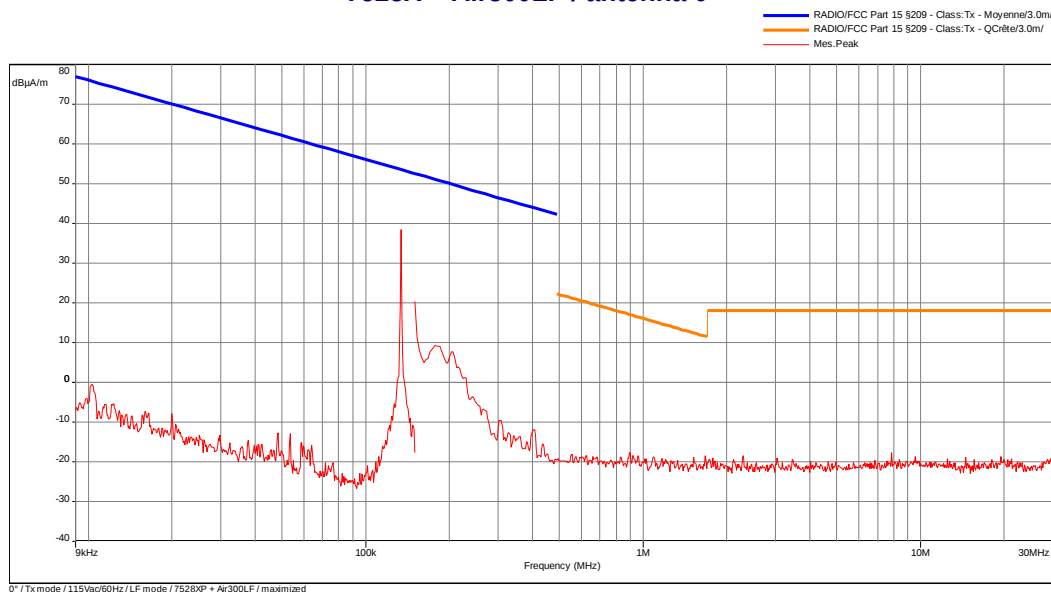
Comments:

Modification(s) during test:
None

Limit indicated on this plot is calculated with 40 dB/decade extrapolation factor and 51.5dB conversion factor.

Radiated field strength

7528X + Air300LF / antenna 0°



EMI2449

Date: 17/02/2015 12:14:16

Technician: RB

Detection:
Peak

T (°C): 21.5

H (%): -

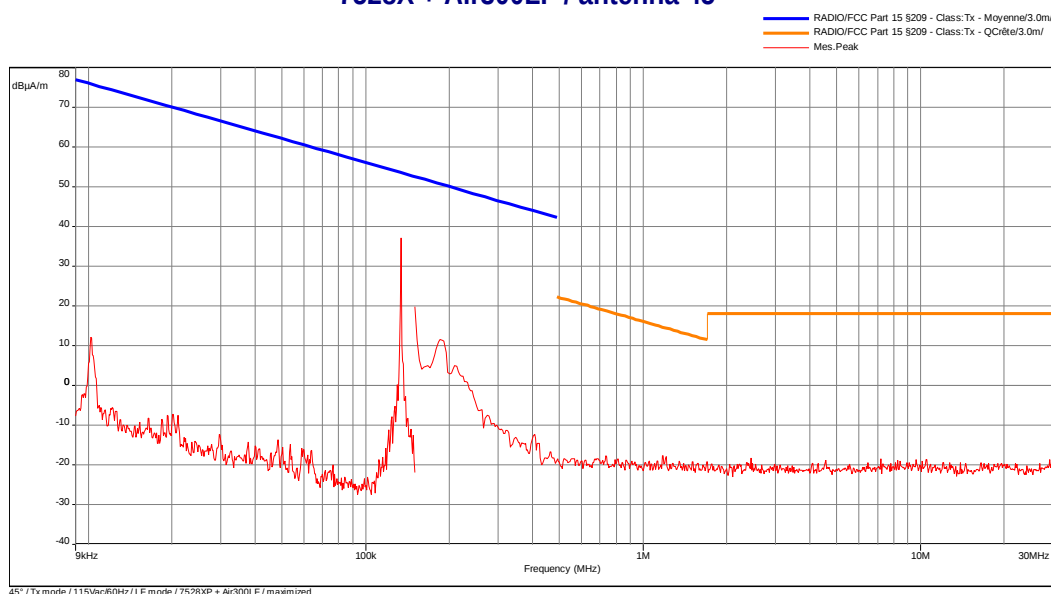
P (hpa): 1008

Comments:

Modification(s) during test:
None

Radiated field strength

7528X + Air300LF / antenna 45°



EMI2450

Date: 17/02/2015 12:18:09

Technician: RB

Detection:
Peak

T (°C): 21.5

H (%): -

P (hpa): 1008

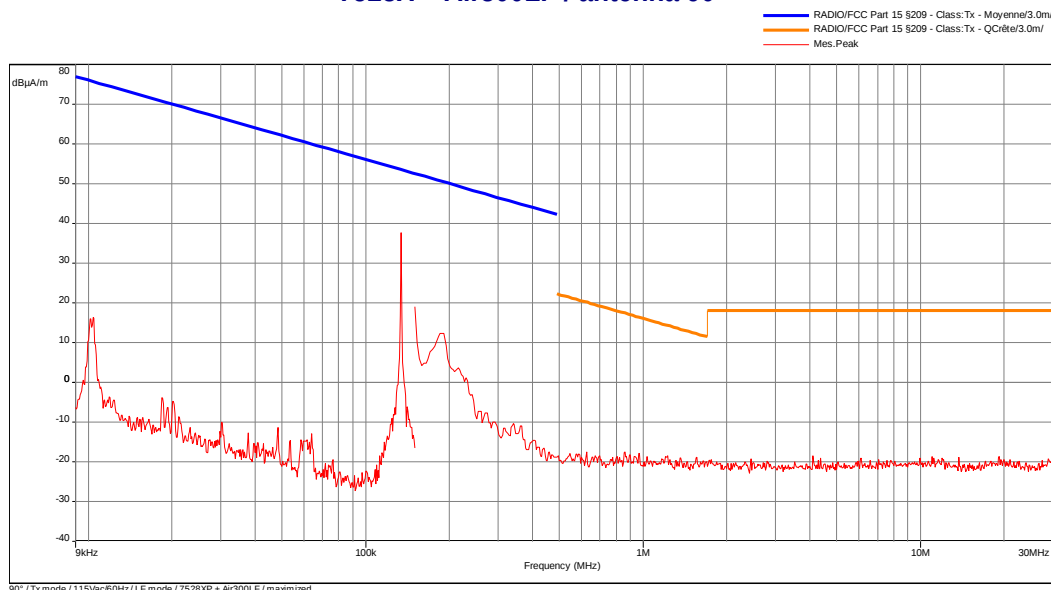
Comments:

Modification(s) during test:
None

Limit indicated on these plots are calculated with 40 dB/decade extrapolation factor and 51.5dB conversion factor.

Radiated field strength
7528X + Air300LF / antenna 90°

EMI2451



Date: 17/02/2015 12:21:51

Technician: RB

Detection:
Peak

T (°C): **21.5**

H (%): **-**

P (hpa): **1008**

Comments:

Modification(s) during test:
None

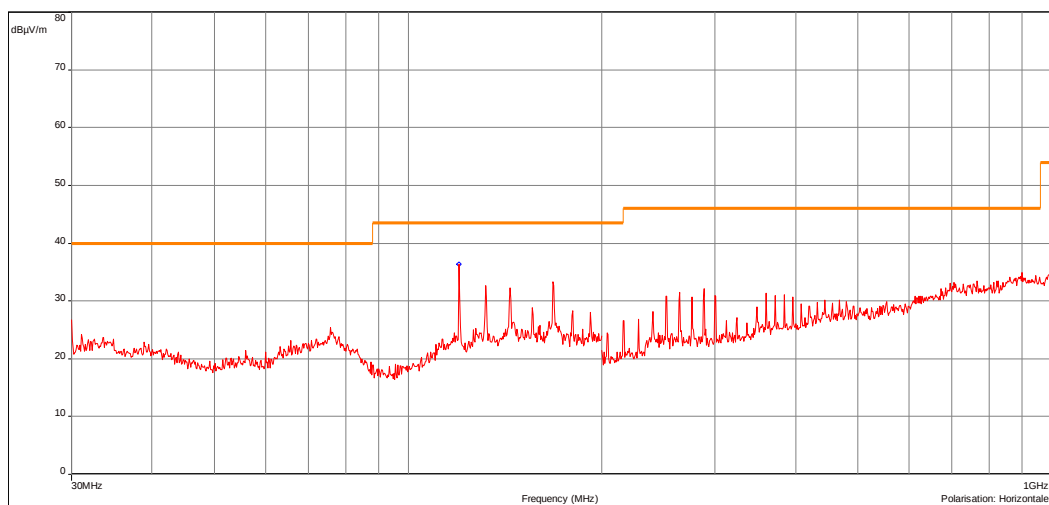
Limit indicated on this plot is calculated with 40 dB/decade extrapolation factor and 51.5dB conversion factor.

Radiated electric emission (measurement)

EMI2445

7528X + Air300LF/ RFID + WIFI + Bluetooth

— C.E.M. (civl)/FCC Part 15 §109 - Class:B - Moyenne/3.0m/
 — C.E.M. (civl)/FCC Part 15 §109 - Class:B - QCrête/3.0m/
 — Mes. Peak (Horizontale)
 • Peak/LimQ-Peak (Horizontale)



Date: 17/02/2015 11:35:47

Technician: RB

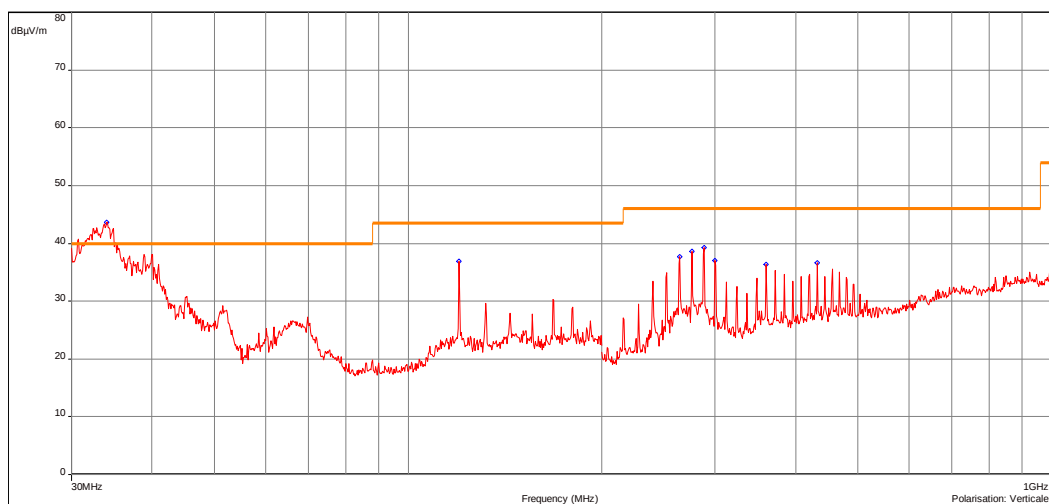
Class: B of the standard

Detection:
Peak

Pre measurement - maximized
at 360°

Modification(s) during test:
No

— C.E.M. (civl)/FCC Part 15 §109 - Class:B - Moyenne/3.0m/
 — C.E.M. (civl)/FCC Part 15 §109 - Class:B - QCrête/3.0m/
 — Mes. Peak (Verticale)
 • Peak/LimQ-Peak (Verticale)

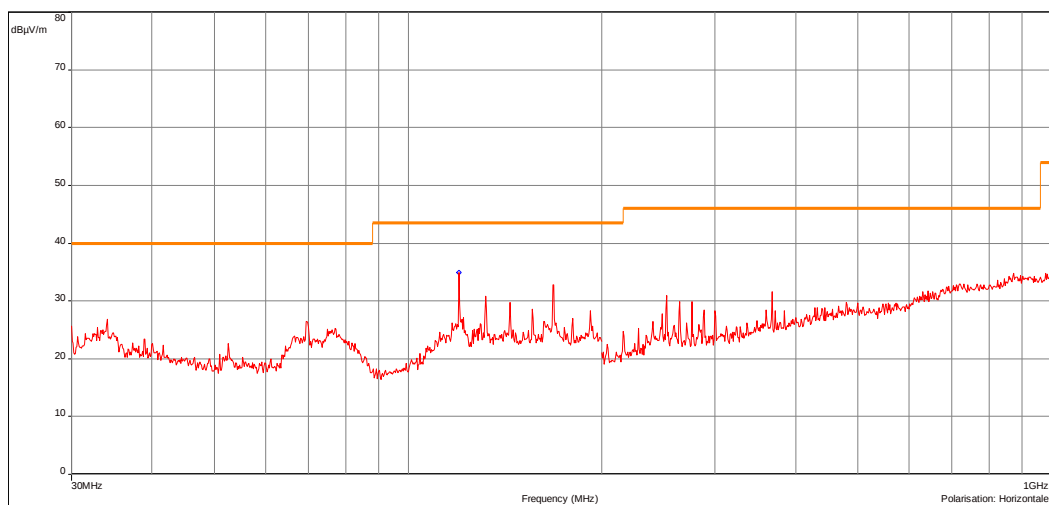


Radiated electric emission (measurement)

EMI2442

7528XP + Air300LF / GSM1900 + RFID

— C.E.M. (civl)/FCC Part 15 §109 - Class:B - Moyenne/3.0m/
 — C.E.M. (civl)/FCC Part 15 §109 - Class:B - QCrête/3.0m/
 — Mes. Peak (Horizontale)
 • Peak/LimQ-Peak (Horizontale)



Date: 17/02/2015 11:15:53

Technician: RB

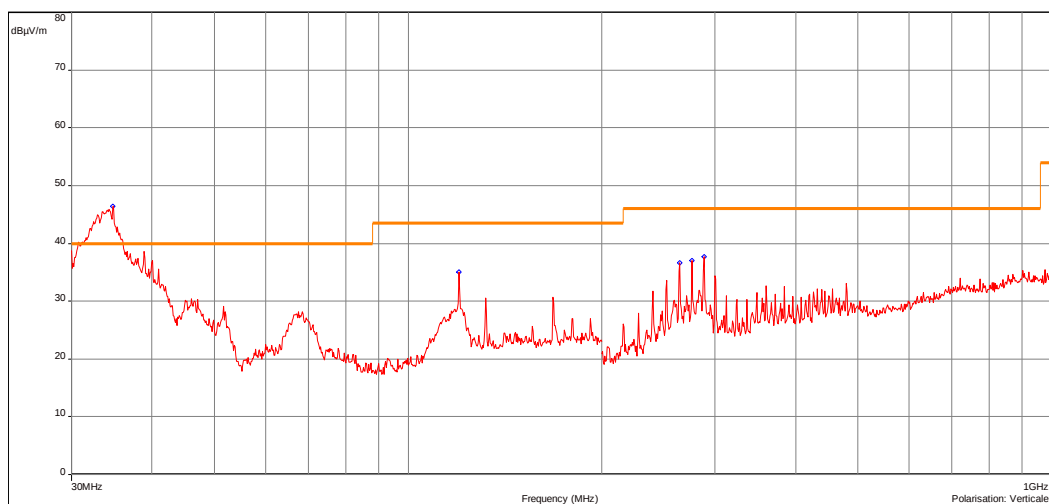
Class: B of the standard

Detection:
Peak

Pre measurement - maximized
at 360°

Modification(s) during test:
No

— C.E.M. (civl)/FCC Part 15 §109 - Class:B - Moyenne/3.0m/
 — C.E.M. (civl)/FCC Part 15 §109 - Class:B - QCrête/3.0m/
 — Mes. Peak (Verticale)
 • Peak/LimQ-Peak (Verticale)

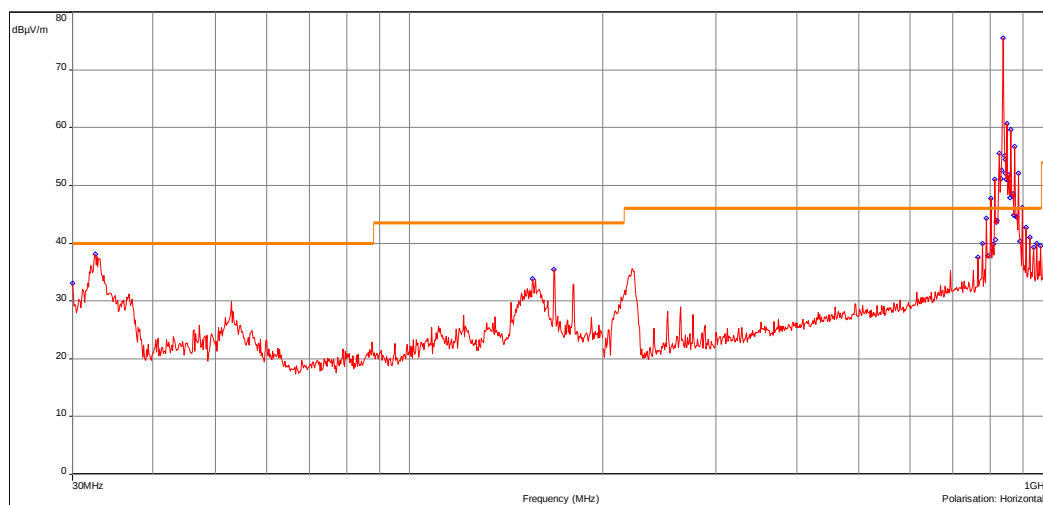


Radiated electric emission (measurement)

EMI2458

7528XP + Air300LF / GSM 850 + RFID

— C.E.M. (civl)/FCC Part 15 §109 - Class:B - Moyenne/3.0m/
 — C.E.M. (civl)/FCC Part 15 §109 - Class:B - QCrête/3.0m/
 — Mes. Peak (Horizontale)
 • Peak/LimQ-Peak (Horizontale)



Date: 19/02/2015 10:31:35

Technician: RB

Class: B of the standard

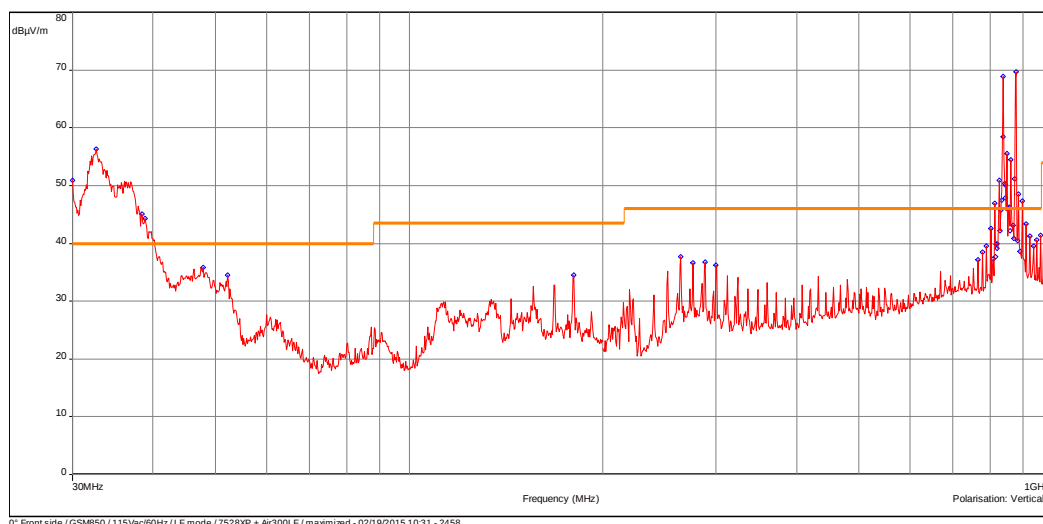
Detection:
Peak

Pre measurement - maximized
at 360°

Frequencies identification:
837.12MHz: Uplink
876MHz: Downlink

Modification(s) during test:
No

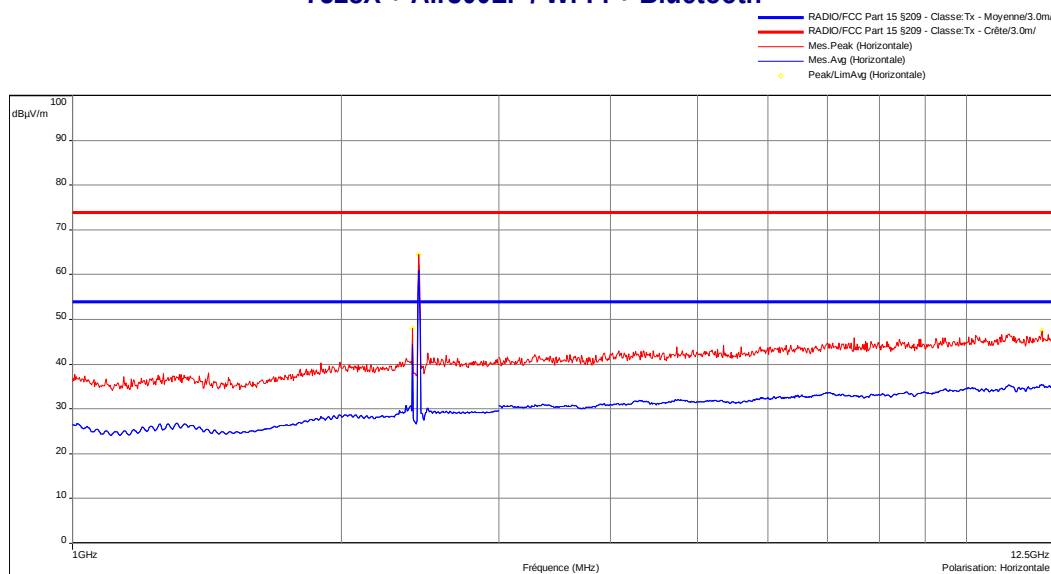
— C.E.M. (civl)/FCC Part 15 §109 - Class:B - Moyenne/3.0m/
 — C.E.M. (civl)/FCC Part 15 §109 - Class:B - QCrête/3.0m/
 — Mes. Peak (Verticale)
 • Peak/LimQ-Peak (Verticale)



Radiated electric emission (measurement)

7528X + Air300LF / Wi-Fi + Bluetooth

EMI2455



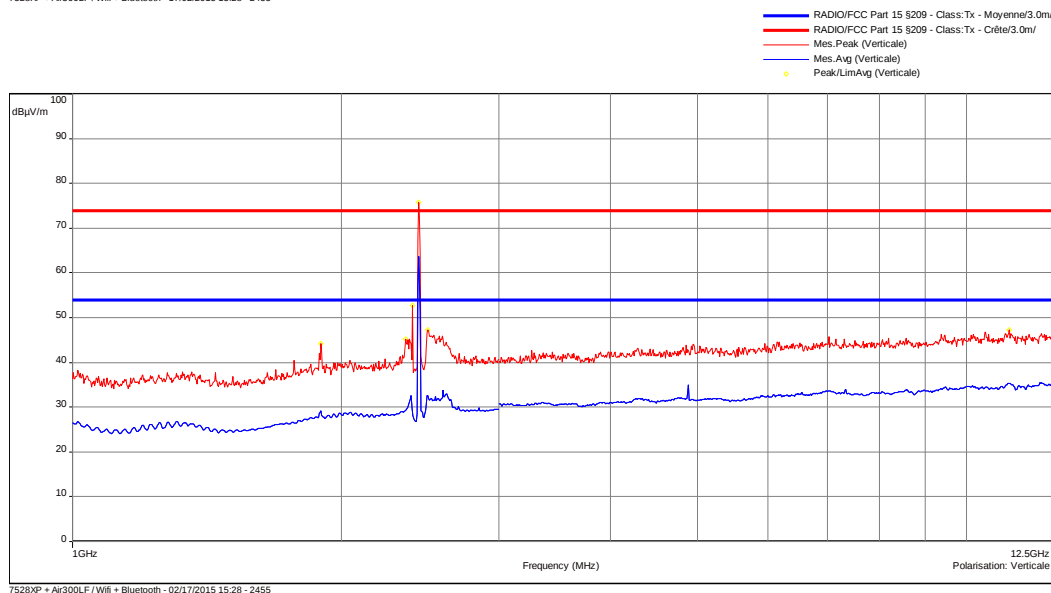
Date: 17/02/2015 15:28:12

Technician: RB

Class: B of the standard

Detection:
Peak

Measurement - maximized at
360°

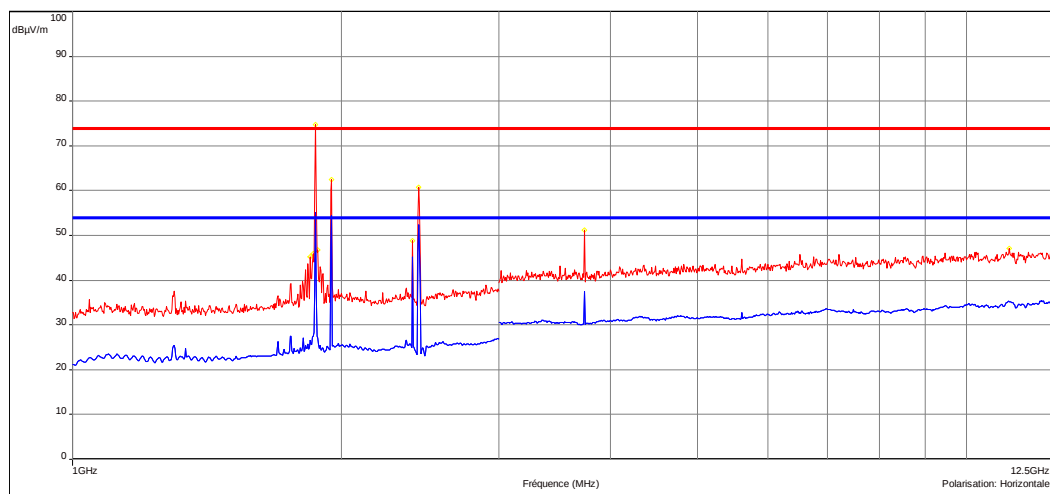
Frequencies identification:
2.4GHz : Wi-Fi, Bluetooth

Modification(s) during test:
No

Radiated electric emission (measurement)

EMI2456

7528XP + Air300LF / GSM1900 + Wi-Fi + Bluetooth

RADIO/FCC Part 15 §209 - Classe:Tx - Moyenne/3.0m/
 RADIO/FCC Part 15 §209 - Classe:Tx - Crête/3.0m/
 Mes. Peak (Horizontale)
 Mes. Avg (Horizontale)
 Peak/LimAvg (Horizontale)



Date: 17/02/2015 16:06:22

Technician: RB

Class: B of the standard

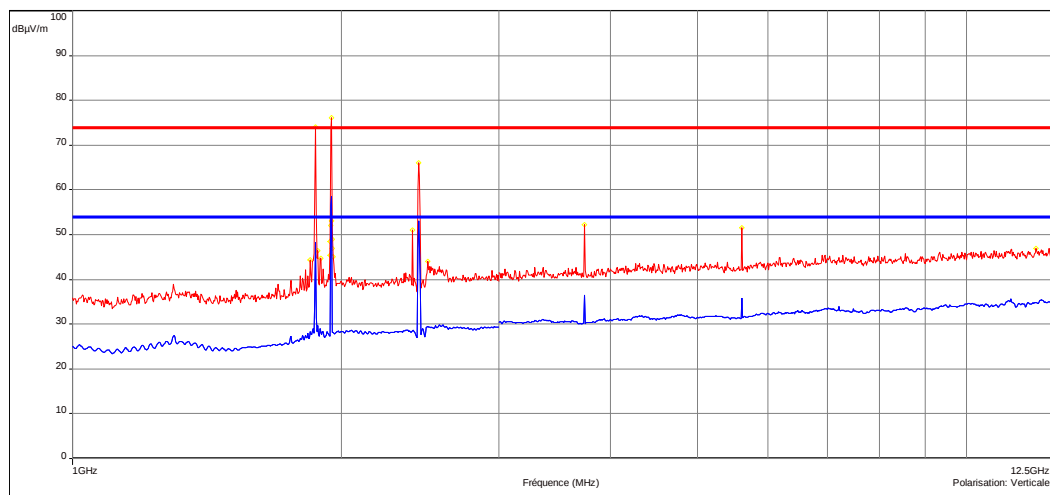
Detection:
Peak

Measurement - maximized at
360°

Frequencies identification:
1.870GHz: Uplink
1.947GHz: Downlink
2.4GHz : Wi-Fi, Bluetooth

Modification(s) during test:
No

RADIO/FCC Part 15 §209 - Classe:Tx - Moyenne/3.0m/
 RADIO/FCC Part 15 §209 - Classe:Tx - Crête/3.0m/
 Mes. Peak (Verticale)
 Mes. Avg (Verticale)
 Peak/LimAvg (Verticale)

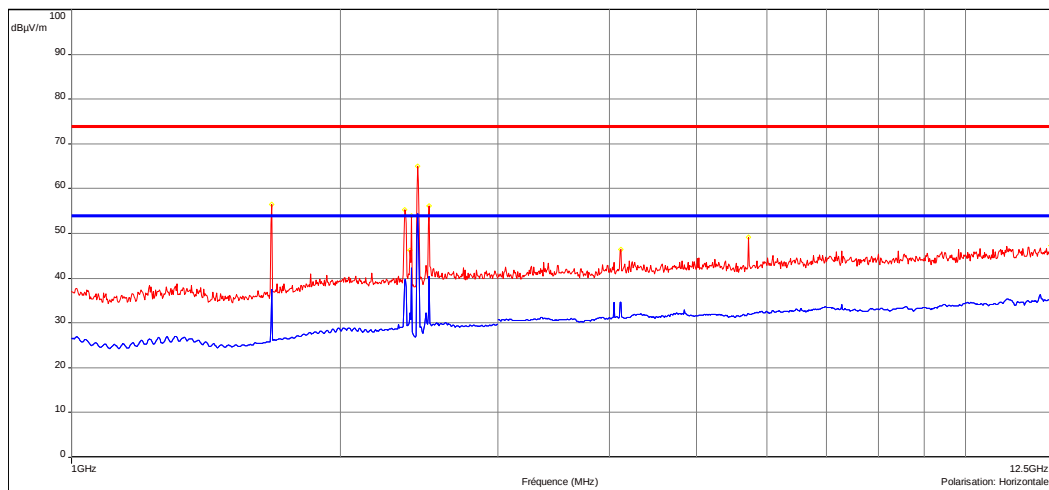


Radiated electric emission (measurement)

EMI2457

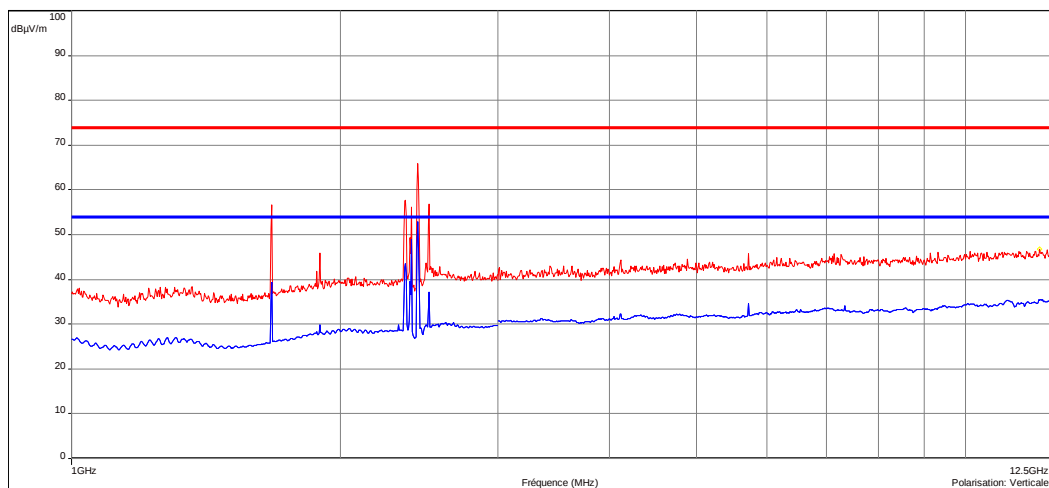
7528XP + Air300LF / GSM850 + Wi-Fi + Bluetooth

RADIO/FCC Part 15 §209 - Classe:Tx - Moyenne/3.0m/
 RADIO/FCC Part 15 §209 - Classe:Tx - Crête/3.0m/
 Mes. Peak (Horizontale)
 Mes. Avg (Horizontale)
 Peak/LimAvg (Horizontale)



7528XP + Air300LF / GSM850 + Wi-Fi + Bluetooth - 19/02/2015 09:14 - 2457

RADIO/FCC Part 15 §209 - Classe:Tx - Moyenne/3.0m/
 RADIO/FCC Part 15 §209 - Classe:Tx - Crête/3.0m/
 Mes. Peak (Verticale)
 Mes. Avg (Verticale)
 Peak/LimAvg (Verticale)



7528XP + Air300LF / GSM850 + Wi-Fi + Bluetooth - 19/02/2015 09:14 - 2457

Date: 19/02/2015 09:14:34

Technician: RB

Class: B of the standard

Detection:
Peak

Measurement - maximized at
360°

Frequencies identification:
2.4GHz : Wi-Fi, Bluetooth

Modification(s) during test:
No

b) Measurement at 3 meters on open area test site:

Temperature (°C): 20

Humidity (%HR): 38

Pressure (hPa): 105

Test configuration: For each measured frequencies, E.U.T. is set via a turntable in order to find the highest level. Test antenna is set between 1m and 4m in order to find the highest level in vertical and horizontal polarization. Only highest levels are recorded.

Frequency band	Initial position (0°)	Resolution bandwidth	Measuring distance	Detection mode	E.U.T. height
9kHz-150kHz	Front side	200Hz	10m	Quasi-peak	80cm
150kHz-30MHz	Front side	10kHz	10m	Quasi-peak	80cm
30MHz-1GHz	Front side	120kHz	3m	Quasi-peak	80cm
1GHz-12.75GHz	Front side	1MHz	3m	Average	80cm

Test method deviation: Between 9 kHz to 30MHz: measurements are given in dBμA/m instead of dBμV/m (conversion factor: 51.5dB) and measuring distance is 10 meters instead of 300m.

Test equipment list:

CATEGORY	BRAND	TYPE	N° EMITECH	DATE CAL.	DATE VAL
Antenna	ETS LINDGREN	3117	8387	26/08/2011	26/10/2015
Antenna	Electro-Metrics	BIA-30HF	1107	03/03/2011	03/05/2015
Antenna	Rohde & Schwarz	HFH2-Z2	5825	27/01/2015	27/03/2017
Antenna	Rohde & Schwarz	HL223	3126	03/03/2011	03/05/2015
Antenna mast	INNCO	MA4000-EP-O	10261	#	#
Cable	Cables & Connetiques	N-1.5m	4203	04/06/2013	04/08/2015
Cable	Huber Sumner	N-14m	8146	04/06/2013	04/08/2015
Cable	Huber Sumner	N-20m	8385	04/06/2013	04/08/2015
Filter	Micro-Tronics	HPM 11630	4392	07/08/2014	07/10/2016
Filter	MICROTRONICS	HPM 15162	10273	07/06/2013	07/08/2015
Filter	Wainwright	WRCD 1800/2000	9773	12/02/2015	12/04/2017
Filter	Wainwright	WRCG 2400/2483	9771	12/02/2015	12/04/2017
Filter	Wainwright	WRCT 800/880	9775	12/02/2015	12/04/2017
Mast controller	INNCO	CO3000	10260	#	#
Open area test site	EMITECH	Salinelles	3482	18/04/2014	18/06/2017
Preamplifier	IMPULSE	CA118-546ACN	9169	17/06/2014	17/08/2015
Receiver	Agilent	E4440A	5824	01/05/2014	01/07/2016
Thermohygrometer	Bioblock Scientific	Météostar	0963	31/10/2014	31/12/2016
Turntable	Heinrich Deisel	D4420	4038	#	#
Turntable controller	Heinrich Deisel	HD100	4036	#	#

Results: See **Boards** hereafter.

7528X Version

Frequency (MHz)	Polarization	Azimuth (degree)	Antenna Height (cm)	Measure (dBμA/m)	Limit (dBμA/m) (*)	Comments
0.1342	Circular 0°	0	100	13.60	33.25	C
0.1342	Circular 45°	45	100	11.92	33.25	C
0.1342	Circular 90°	90	100	7.67	33.25	C

C=Compliant

Carrier measurement at 10m: 13.60 dBμA/m (≈ 65.10 dBμV/m)

(*) Using an extrapolation factor of 40 dB/decade (as described in section 15.31 (f)), the level at 300m is about 6.02dBμV/m (0.685μV/m) for a limit at 19.2 μV/m.

7528X Version

Frequency (MHz)	Polarization	Azimuth (degree)	Antenna Height (cm)	Measure (dBμV/m)	Limit (dBμV/m)	Comments
38.78	Vertical	0	100	23.61	40	C
65.22	Vertical	0	100	19.04	40	C
120.00	Vertical	0	100	39.46	43	C
120.02	Horizontal	0	150	20.58	43	C
264.01	Vertical	0	181	37.92	46	C
276.00	Vertical	0	162	37.83	46	C
288.08	Vertical	0	162	38.01	46	C
432.00	Vertical	293	100	35.69	46	C

C=Compliant

All other unwanted radiated spurious are at least 20 dB below specified limits

7528XP Version

Frequency (MHz)	Polarization	Azimuth (degree)	Antenna Height (cm)	Measure (dBμA/m)	Limit (dBμA/m) (*)	Comments
0.1342	Circular 0°	0	100	13.60	33.25	C
0.1342	Circular 45°	22	100	11.50	33.25	C
0.1342	Circular 90°	90	100	7.42	33.25	C

C=Compliant

Carrier measurement at 10m: 13.60 dBμA/m (≈ 65.10 dBμV/m)

(*) Using an extrapolation factor of 40 dB/decade (as described in section 15.31 (f)), the level at 300m is about 6.02dBμV/m (0.685μV/m) for a limit at 19.2 μV/m.

7528XP Version

Frequency (MHz)	Polarization	Azimuth (degree)	Antenna Height (cm)	Measure (dBμV/m)	Limit (dBμV/m)	Comments
38.81	Vertical	0	100	23.61	40	C
65.08	Vertical	0	100	19.04	40	C
120.00	Vertical	0	100	39.46	43	C
168.05	Vertical	0	150	35.99	43	C
168.05	Horizontal	0	150	25.15	43	C
120.02	Horizontal	0	150	20.58	43	C
264.01	Vertical	0	181	37.92	46	C
276.00	Vertical	0	162	37.83	46	C
288.08	Vertical	0	162	38.01	46	C
432.00	Vertical	293	100	35.69	46	C

C=Compliant

All other unwanted radiated spurious are at least 20 dB below specified limits

□□□ End of report – 1 annex to be forwarded □□□

ANNEX: PHOTOGRAPH(S)

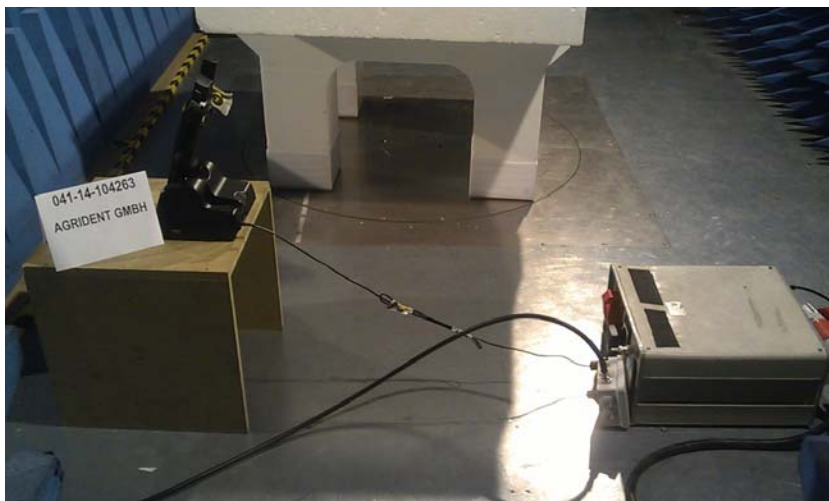
E.U.T.



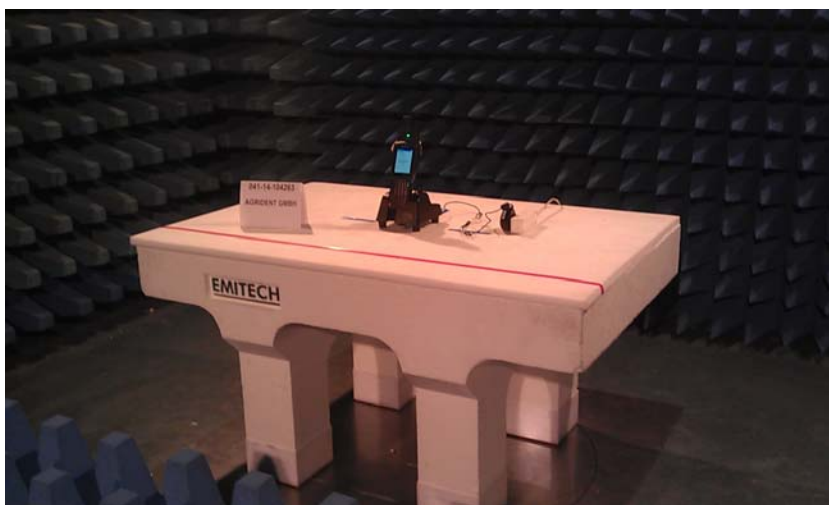
Ac power supply used for
115Vac/60Hz power supply
measurement



Conducted emissions



Radiated measurement (pre measurements)



**Radiated measurement on open
area test site**



**Radiated measurement on open
area test site**



**Radiated measurement on open
area test site (carrier
measurements)**

