

FCC TEST REPORT

FCC 47 CFR Part 22H

Industry Canada RSS-132, Issue 2

Cellular Telephones Operating in the Bands 824-849MHz and 869-894MHz

FCC 47 CFR Part 24E

Industry Canada RSS-133, Issue 5

Cellular Telephones Operating in the Bands 1850-1910MHz and 1930-1990MHz

FCC 47 CFR Part 27C

Industry Canada RSS-139, Issue 2

Cellular Telephones Operating in the Bands 1710-1755MHz and 2110-2155MHz

Report Reference No...... G0M-1407-3973-TFC224GS-V02

Testing Laboratory Eurofins Product Service GmbH

Address....: Storkower Str. 38c

15526 Reichenwalde

Germany

Accreditation:



A2LA Accredited Testing Laboratory, Certificate No.: 1983.01

FCC Filed Test Laboratory, Reg.-No.: 96970

IC OATS Filing assigned code: 3470A

Applicant's name BARTEC PIXAVI AS

Address....: Domkirkeplassen 2

4006 Stavanger

NORWAY

Test specification:

Standard: 47 CFR Part 22H, 47 CFR Part 24E, 47 CFR Part 27C

RSS-132, Issue 2: 2005-09, RSS-133, Issue 5: 2009-02,

RSS-139, Issue 2: 2009-02

SRSP-503 Issue 7 : 2008-09, SRSP-510 Issue 5 : 2009-02

SRSP-513 Issue 2

RSS-Gen, Issue 3, 2010-12, ANSI/TIA-603-C-2004

Equipment under test (EUT):

Product description Smartphone Model No. **ImpactX**

Additional Model(s) None None Brand Name(s) Hardware version rev B0

Firmware / Software version Android 4.2.2

> FCC-ID: YML-X7SERIES IC: 9249A-X7SERIES

Test result **Passed**



Possible test case verdicts:

- neither assessed nor tested N/N

- required by standard but not appl. to test object: N/A

- required by standard but not tested: N/T

- not required by standard for the test object...... N/R

- test object does meet the requirement P (Pass)

- test object does not meet the requirement F (Fail)

Testing:

Test Lab Temperature 20 – 23 °C

Test Lab Humidity..... 32 – 38 %

Date of receipt of test item 2014-08-05

Compiled by Matthias Handrik

(Transportation Foot)

Approved by (+ signature)...... Christian Weber

Date of issue 2014-11-21

Total number of pages 241

General remarks:

The test results presented in this report relate only to the object tested.

The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.

This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

Additional comments:

Test case selection is based on full modular approval of licensed transmitter module used by the EUT. The EUT uses a GSM/GPRS module with full modular approval according to FCC and IC rules. For details about the radio module see EUT description in section 1.



Version History

Version	Issue Date	Remarks	Revised by
01	2014-11-17	Initial Release	
01	2014-11-21	Replaced document: G0M-1407-3973-TFC224GS-V01 Replaced by: G0M-1407-3973-TFC224GS-V02	C. Weber
		Changes : EGPRS data added	



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	EX A Transmitter radiated spurious emissions EX B Receiver radiated spurious emissions	50 198



1 Equipment (Test item) Description

Description	Smartph	none			
Model	ImpactX	ζ			
Additional Model(s)	None				
Brand Name(s)	None				
Serial number	None				
Hardware version	rev B0				
Software / Firmware version	Android	4.2.2			
FCC-ID	YML-X7	SERIES			
IC	9249A->	K7SERIES			
Equipment type	End pro	duct			
Equipment classification	Portable	e Device (Human Body distan	ce < 20 cm)		
Radio type	Transce	iver			
Radio technology	GSM85	0 / GSM1900 / WCDMA: FDE	O II / FDD IV / FDD V		
Operating frequency range	GSM850: TX = 824 - 849 MHz, RX = 869 - 894 MHz GSM1900: TX = 1850 - 1910 MHz, RX = 1930 - 1990 MHz FDD II: TX = 1850 - 1910 MHz, RX = 1930 - 1990 MHz FDD IV: TX = 1710 - 1755 MHz, RX = 2110 - 2115 MHz FDD V: TX = 824 - 849 MHz, RX = 869 - 894 MHz				
Assigned frequency band	Cell. Service Block A & B : 824 - 849 MHz & 869 - 894 MHz Broadband PCS : 1850 - 1910 MHz & 1930 - 1990 MHz WCS : 1850 - 1910MHz & 1930 - 1990MHz WCS : 1710 - 1755MHz & 2110 - 2155MHz				
Main test frequencies GSM850	F _{LOW} F _{MID}	CH: 128 UL: 824.2 MHz CH: 188 UL: 836.2 MHz CH: 251 UL: 848.8 MHz	CH: 128 DL: 869.2 MHz CH: 188 DL: 881.2 MHz CH: 251 DL: 893.8 MHz		
	F _{LOW}	CH : 512 UL: 1850.2 MHz	CH : 512 DL: 1930.2 MHz		
Main test frequencies GSM1900	F _{MID}	CH: 661 UL: 1880.0 MHz	CH: 661 DL: 1960.0 MHz		
	F _{HIGH}	CH: 810 UL: 1909.8 MHz	CH: 810 DL: 1989.8 MHz		
	F _{LOW}	CH: 9263 UL: 1852.4	CH: 9662 DL: 1932.4		
Main test frequencies FDD II	F _{MID}	CH: 9400 UL: 1880.0 MHz	CH: 9800 DL: 1960.0 MHz		
	F _{HIGH}	CH: 9537 UL: 1907.4	CH: 9937 DL: 1987.4		
	F _{LOW}	CH: 1312 UL: 1712.4	CH: 1537 DL: 2112.4		
Main test frequencies FDD IV	F _{MID}	CH: 1450 UL: 1740	CH: 1675 DL: 2140		
	F _{HIGH} CH: 1513 UL: 1752.6 CH: 1738 DL: 2152.6				
	F _{LOW}	CH: 4132 UL: 826.4	CH: 4357 DL: 871.4		
Main test frequencies FDD V	F _{MID}	CH: 4175 UL: 835	CH: 4400 DL: 880		
	F _{HIGH}	CH: 4233 UL: 846.6	CH: 4458 DL: 891.6		
Supported transmission modes	GSM, G	PRS, EGPRS, W-CDMA, HS	SDPA, HSUPA		



Modulations	GSM, GPRS : GMSK, EGPRS : 8-PSK, W-CDMA : QPSK, HSDPA : QPSK, 16-QAM, HSUPA : BPSK				
Multislot class	12				
Number of antennas	1				
	Туре	GSM/GPRS module			
	Model	LISA-U230			
	Manufacturer	u-blox AG			
Radio module	HW Version	146AA0			
	SW Version	22.40			
	FCC-ID	XPYLISAU230			
	IC	8595A-LISAU230N			
	Туре	integrated			
	Model	Calvus GSM SMD A10340			
Antenna	Manufacturer	Antenova			
	Gain	824-960MHz = -1.8dBi			
	Gain	1710-2170MHz = -1.6dBi			
	BARTEC PIXAV	/I AS			
Manufacturer	Domkirkeplassen 2				
	4006 Stavanger				
	NORWAY				
	V _{NOM}	3.7 V DC			
Power supply	V _{MIN}	3.1 V DC			
	V _{MIN}	4.2 V DC			
	Model	AN4111			
AC/DC-Adaptor	Vendor	ANSMANN			
A0/D0-Adaptol	Input	100V-240V AC 60/50Hz			
	Output	5.0V DC 1000mA			



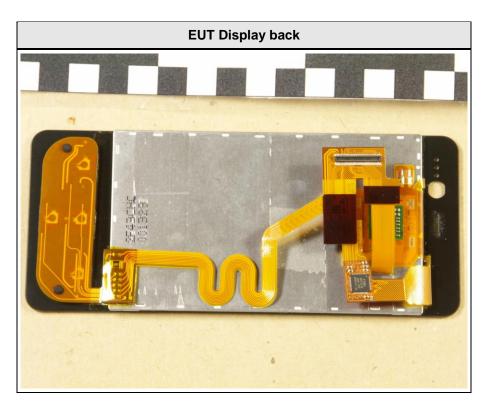
1.1 Photos – Equipment External

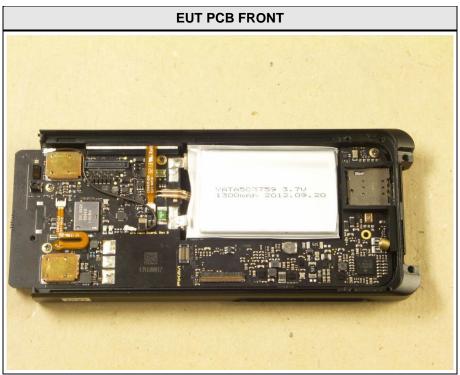




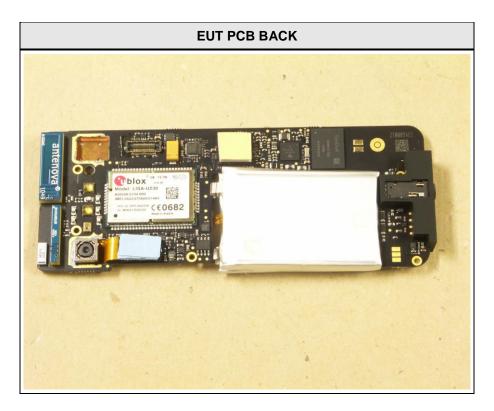


1.2 Photos – Equipment internal



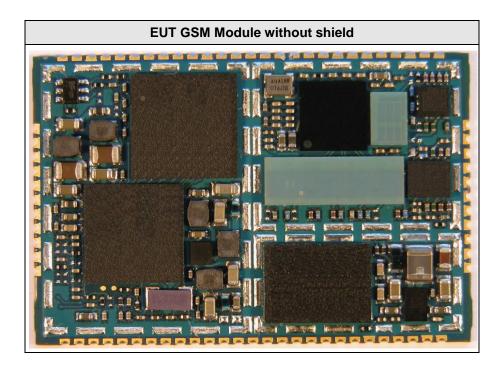






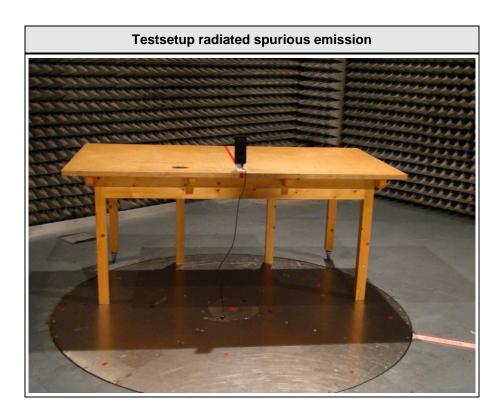








1.3 Photos - Test setup





1.4 Supporting Equipment Used During Testing

Product Type*	Device	Manufacturer	Model No.	Comments			
SIM	Communication tester	Rohde & Schwarz	CMU 200				
SIM:	SIM : Simulator (Not Subjected to Test)						



1.5 Test Modes

Mode #		Description
	General conditions:	EUT powered by battery. Internal GSM antenna. Active call to communication tester.
GSM850-Int	Radio conditions:	Mode = transmit Connection = Packet switched Modulation = GMSK Slot configuration = 1 up / 1 down Power level = Gamma 3
	General conditions:	EUT powered by battery. Internal GSM antenna. Active call to communication tester.
GSM1900-Int	Radio conditions:	Mode = transmit Connection = Packet switched Modulation = GMSK Slot configuration = 1 up / 1 down Power level = Gamma 3
	General conditions:	EUT powered by battery. Internal GSM antenna. Active call to communication tester.
EGPRS850-Int	Radio conditions:	Mode = transmit Connection = Packet switched Modulation = 8-PSK Slot configuration = 1 up / 1 down Power level = Gamma 3
	General conditions:	EUT powered by battery. Internal GSM antenna. Active call to communication tester.
EGPRS1900- Int	Radio conditions:	Mode = transmit Connection = Packet switched Modulation = 8-PSK Slot configuration = 1 up / 1 down Power level = Gamma 3
	General conditions:	EUT powered by battery. Internal GSM antenna. Active call to communication tester.
FDD II-Int	Radio conditions:	Mode = transmit Connection = RMC 12.2kbps Modulation = QPSK TPC Pattern Type: All 1



	General conditions:	EUT powered by battery. Internal GSM antenna. Active call to communication tester.
FDD IV-Int	Radio conditions:	Mode = transmit Connection = RMC 12.2kbps Modulation = QPSK TPC Pattern Type: All 1
	General conditions:	EUT powered by battery. Internal GSM antenna. Active call to communication tester.
FDD V-Int Radio conditions: Mode = transmit Connection = RMC 12.2kbps Modulation = QPSK TPC Pattern Type: All 1		Connection = RMC 12.2kbps Modulation = QPSK



1.6 Test Equipment Used During Testing

Measurement Software						
Description	Description Manufacturer Name Version					
EMC Test Software Dare Instruments Radimation 2014.1.15						

Occupied Bandwidth							
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due		
Spectrum Analyzer	R&S	FSIQ26	EF00242	2014-03	2015-03		

Radiated power								
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due			
Fully-anechoic chamber	Frankonia	AC 3	EF00199	-	-			
Spectrum Analyzer	R&S	FSIQ 26	EF00242	2014-03	2015-03			
Biconical Antenna	R&S	HK 116	EF00012	2013-02	2016-02			
LPD Antenna	R&S	HL 223	EF00187	2014-03	2017-03			
LPD Antenna	R&S	HL 025	EF00327	2013-02	2016-02			

Radiated spurious emissions								
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due			
Semi-anechoic chamber	Frankonia	AC 1	EF00062	-	-			
Spectrum Analyzer	R&S	FSEK 30	EF00168	2014-01	2015-01			
Biconical Antenna	R&S	HK 116	EF00012	2013-02	2016-02			
LPD Antenna	R&S	HL 223	EF00212	2013-02	2016-02			
LPD Antenna	R&S	HL 025	EF00327	2013-02	2016-02			



1.7 Sample emission level calculation

The following is a description of terms and a sample calculation, as appears in the radiated emissions data table. The numbers used in the calculation are for example only. There is no direct correlation to the specific data taken for the product described in this document:

Reading:

This is the reading obtained on the spectrum analyzer in $dB\mu V$. Any external preamplifiers used are taken into account through internal analyzer settings.

A.F.:

This is the antenna factor for the receiving antenna. It is a conversion factor, which converts electric fields strengths to voltages, which can be measured directly on the spectrum analyzer. It is treated as a loss in dB. Cable losses have been included with the A.F. to simplify the calculations. The antenna factor is used in calculations as follows:

Reading on Analyzer ($dB\mu V$) + A.F. (dB) = Net field strength ($dB\mu V/m$)

Net:

This is the net field strength measurement (as shown above).

Limit:

This is the FCC Class B radiated emission limit (in units of $dB\mu V/m$). The FCC limits are given in units of $\mu V/m$. The following formula is used to convert the units of $\mu V/m$ to $dB\mu V/m$:

Limit (dB μ V/m) = 20*log (μ V/m)

Margin:

This is the margin of compliance below the FCC limit. The units are given in dB. A negative margin indicates the emission was below the limit. A positive margin indicates that the emission exceeds the limit.

Example only:

Reading + AF = Net Reading : Net reading - FCC limit = Margin $21.5 \text{ dB}\mu\text{V} + 26 \text{ dB} = 47.5 \text{ dB}\mu\text{V/m}$: $47.5 \text{ dB}\mu\text{V/m} - 57.0 \text{ dB}\mu\text{V/m} = -9.5 \text{ dB}$



2 Result Summary

FCC 47 CFR Part 22H, 24E, 27C IC RSS-132, 133, 139						
Product Specific Standard Section	Requirement – Test	Reference Method	Result	Remarks		
RSS-Gen 4.6.1	Occupied Bandwidth	RSS-Gen 4.6.1		Informational only		
FCC § 24.235 FCC § 22.355 FCC § 27.54 IC RSS-132 § 4.3 IC RSS-133 § 6.3 IC RSS-139 § 6.3	Frequency stability	FCC § 24.235 FCC § 22.355 FCC § 27.54 IC RSS-132 § 4.3 IC RSS-133 § 6.3 IC RSS-139 § 6.3	N/R	Conducted results of licensed radio unaffected. See module radio report.		
FCC § 22.913(a)	Effective radiated power	ANSI/TIA-603-C	PASS			
FCC § 24.232(c) FCC § 27.50(d) IC RSS-132 § 4.4 IC RSS-133 § 6.4 IC RSS-139 § 6.4	Equivalent isotropic radiated power	ANSI/TIA-603-C	PASS			
FCC § 24.232(d) FCC § 27.50(d) IC RSS-133 § 6.4 IC RSS-139 § 6.4	Peak to average ratio	FCC § 24.232(d) FCC § 27.50(d) IC RSS-133 § 6.4 IC RSS-139 § 6.4	N/R	Conducted results of licensed radio unaffected. See module radio report		
FCC § 22.917(b) FCC § 24.238(b) FCC § 27.53(h) IC RSS-132 § 4.5 IC RSS-133 § 6.5 IC RSS-139 § 6.5	Band-edge compliance	FCC § 22.917(b) FCC § 24.238(b) FCC § 27.53(h) IC RSS-132 § 4.5 IC RSS-133 § 6.5 IC RSS-139 § 6.5	N/R	Conducted results of licensed radio unaffected. See module radio report		
FCC § 22.917(a) FCC § 24.238(a) FCC § 27.53(h) IC RSS-132 § 4.5 IC RSS-133 § 6.5 IC RSS-139 § 6.4	Conducted out-of-band emissions	FCC § 22.917(a) FCC § 24.238(a) FCC § 27.53(h) IC RSS-132 § 4.5 IC RSS-133 § 6.5 IC RSS-139 § 6.4	N/R	Conducted results of licensed radio unaffected. See module radio report		
FCC § 22.917(a) FCC § 24.238(a) FCC § 27.53(h) IC RSS-132 § 4.5 IC RSS-133 § 6.5 IC RSS-139 § 6.5	Radiated out-of-band emissions	ANSI/TIA-603-C	PASS			
IC RSS-132 § 4.6 IC RSS-133 § 6.6 IC RSS-139 § 6.6 IC RSS-Gen 4.10 IC RSS-Gen 6.1	Receiver radiated spurious emissions	IC RSS-132 § 4.6 IC RSS-133 § 6.6 IC RSS-139 § 6.6 IC RSS-Gen 4.10 IC RSS-Gen 6.1	PASS			
Remarks:						

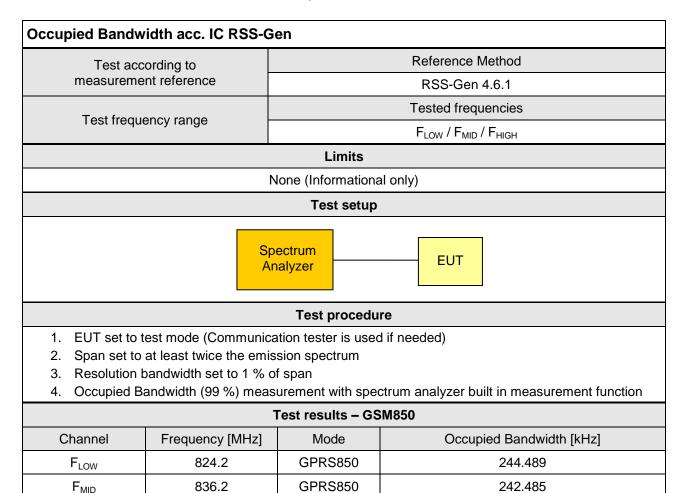


3 Test Conditions and Results

3.1 Test Conditions and Results - Occupied Bandwidth

848.8

F_{HIGH}



GPRS850

246.493



Test results – GSM1900			
Channel	Frequency [MHz]	Mode	Occupied Bandwidth [kHz]
F _{LOW}	1850.2	GPRS1900	244.489
F _{MID}	1880	GPRS1900	244.489
F _{HIGH}	1909.8	GPRS1900	246.493
Comments:			

Test results – EGPRS850			
Channel	Frequency [MHz]	Mode	Occupied Bandwidth [kHz]
F _{LOW}	824.2	EGPRS850	243.590
F _{MID}	836.2	EGPRS850	243.590
F _{HIGH}	848.8	EGPRS850	241.897
Comments:			

Test results – EGPRS1900			
Channel	Frequency [MHz]	Mode	Occupied Bandwidth [kHz]
F _{LOW}	1850.2	EGPRS1900	241.987
F _{MID}	1880	EGPRS1900	245.192
F _{HIGH}	1909.8	EGPRS1900	241.987
Comments:			

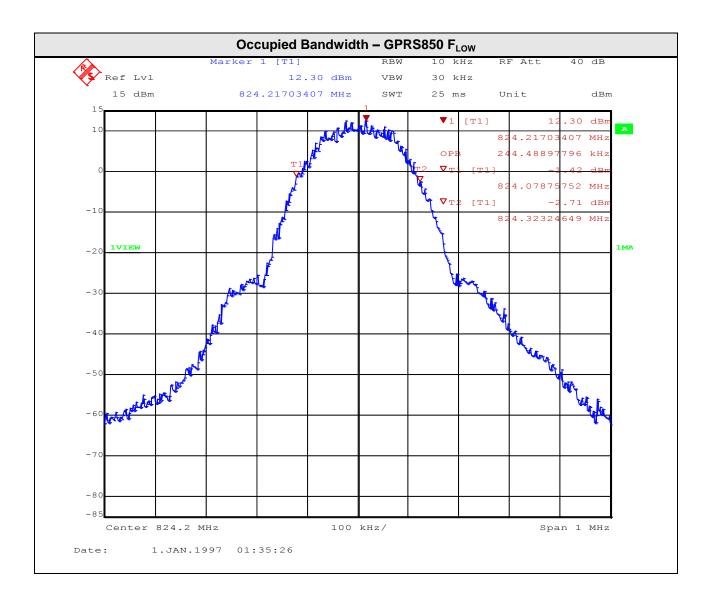
Test results – W-CDMA FDD II			
Channel	Frequency [MHz]	Mode	Occupied Bandwidth [kHz]
F _{LOW}	1852.4	RMC 12.2 kbps	4098
F _{MID}	1880	RMC 12.2 kbps	4078
F _{HIGH}	1907.4	RMC 12.2 kbps	4078
Comments:			

Test results – W-CDMA FDD IV			
Channel	Frequency [MHz]	Mode	Occupied Bandwidth [kHz]
F _{LOW}	1712.4	RMC 12.2 kbps	4128
F _{MID}	1740	RMC 12.2 kbps	4128
F _{HIGH}	1752.6	RMC 12.2 kbps	4088
Comments:			

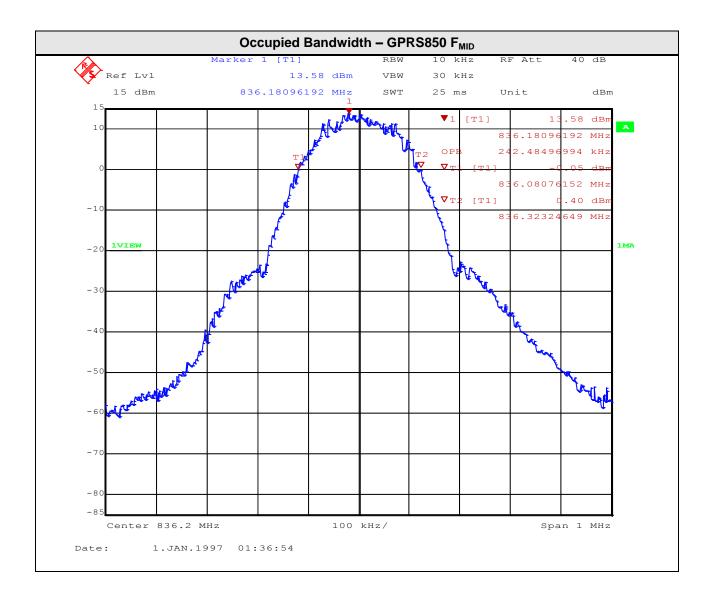


Test results – W-CDMA FDD V			
Channel	Frequency [MHz]	Mode	Occupied Bandwidth [kHz]
F _{LOW}	826.4	RMC 12.2 kbps	4078
F _{MID}	835	RMC 12.2 kbps	4078
F _{HIGH}	846.6	RMC 12.2 kbps	4058
Comments:	•		

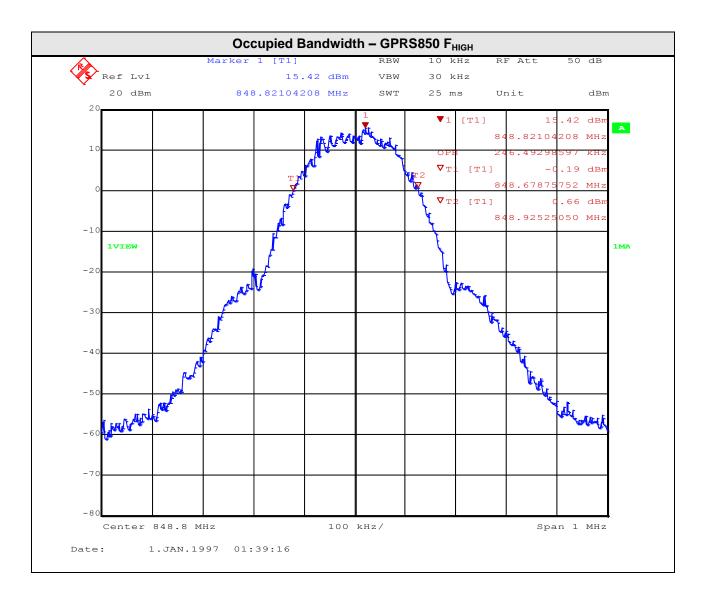




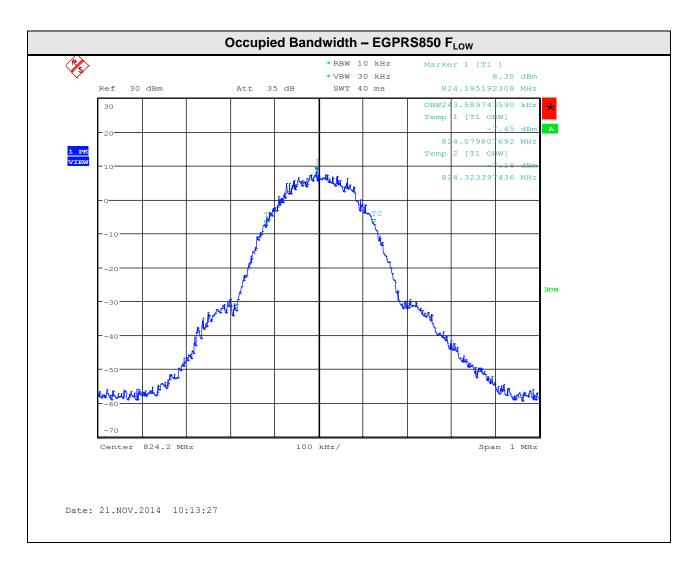




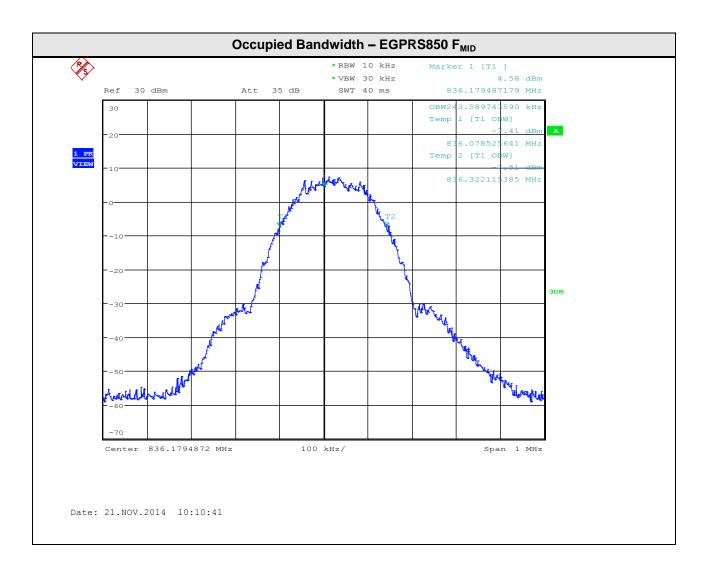




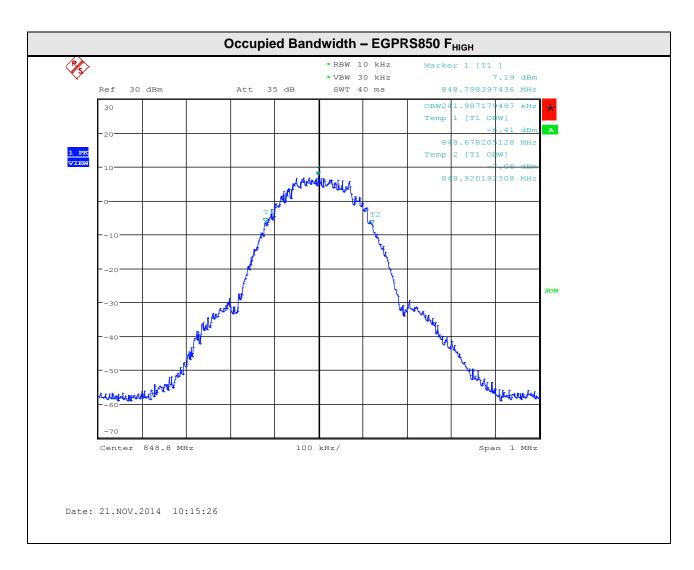




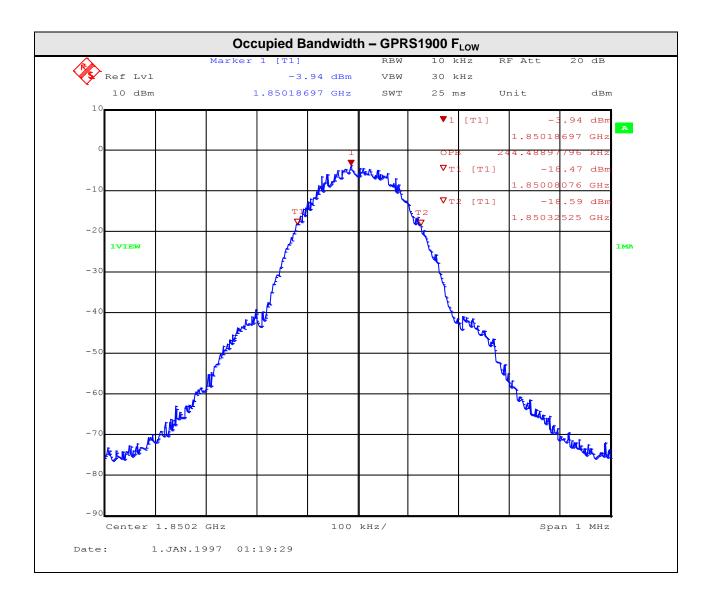




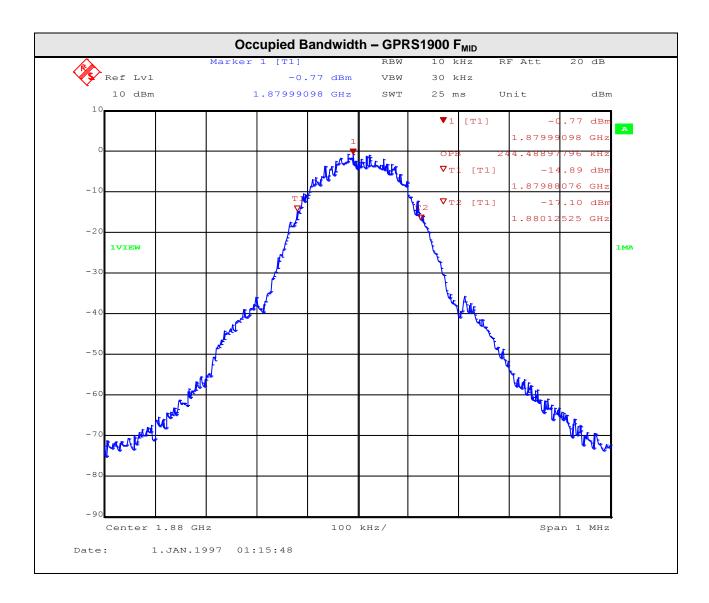




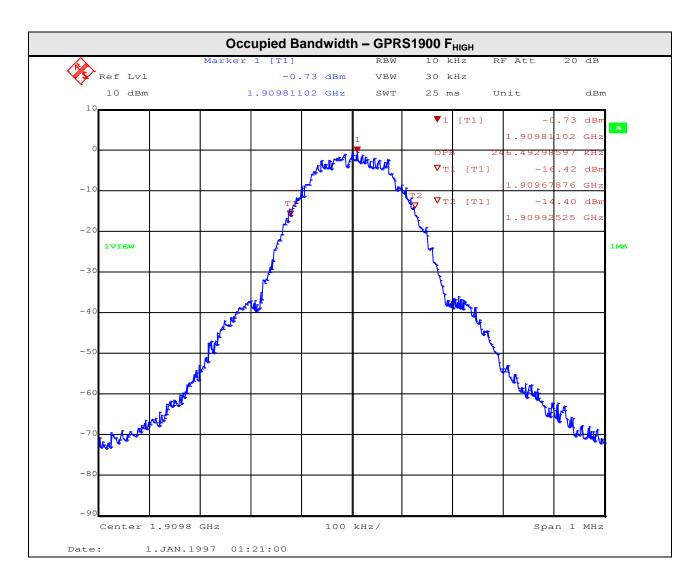


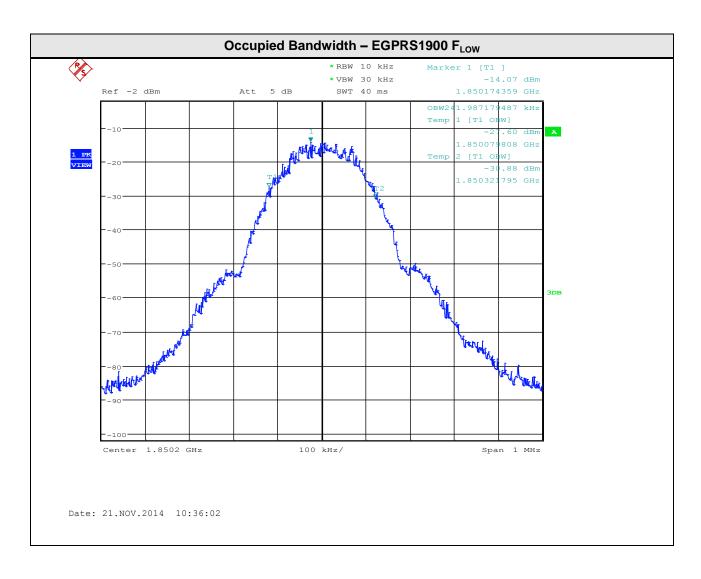


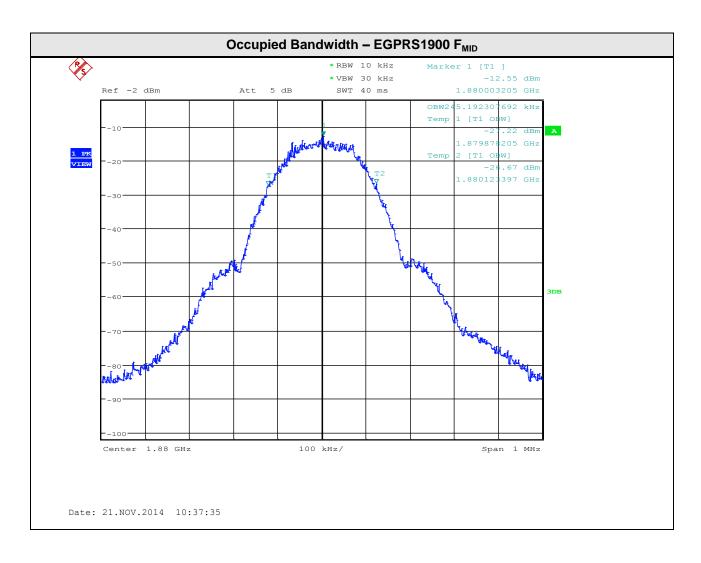


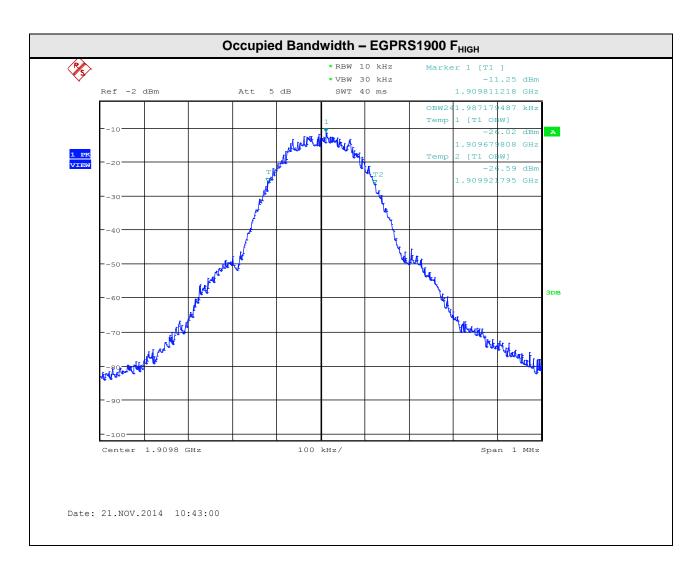




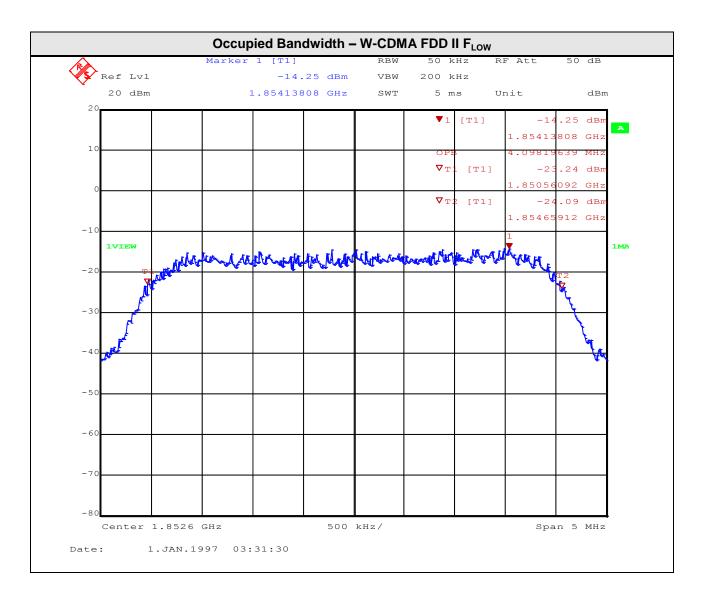




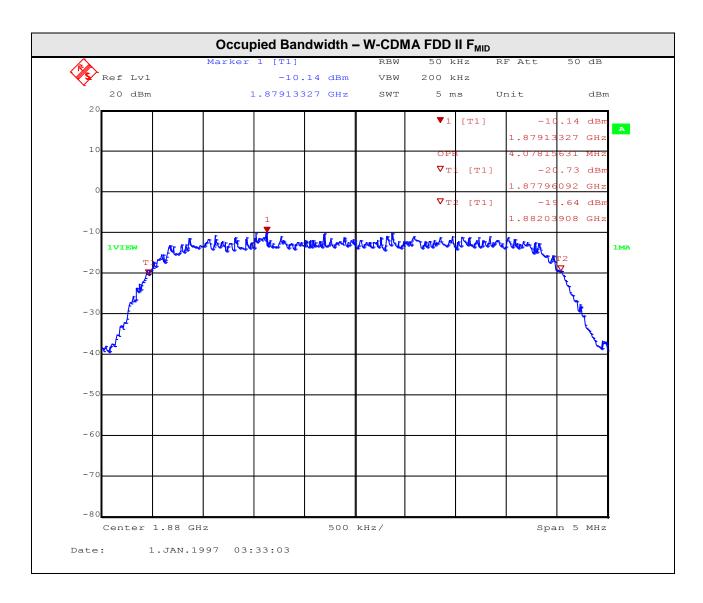




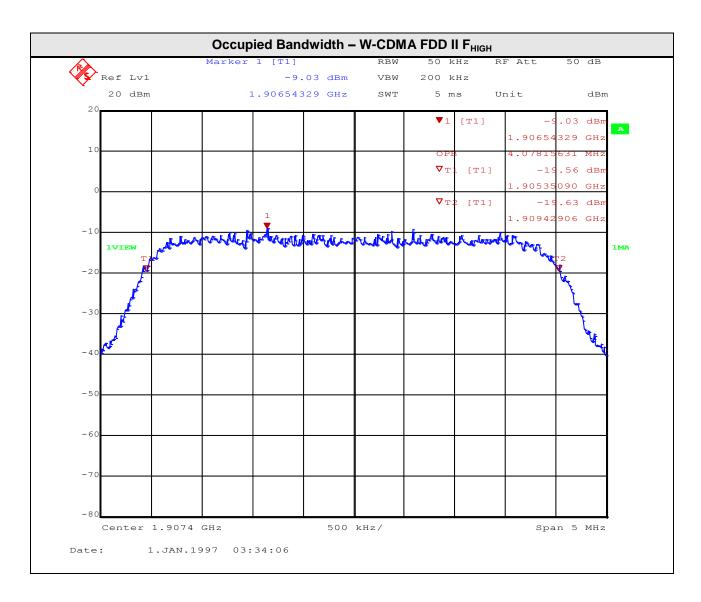




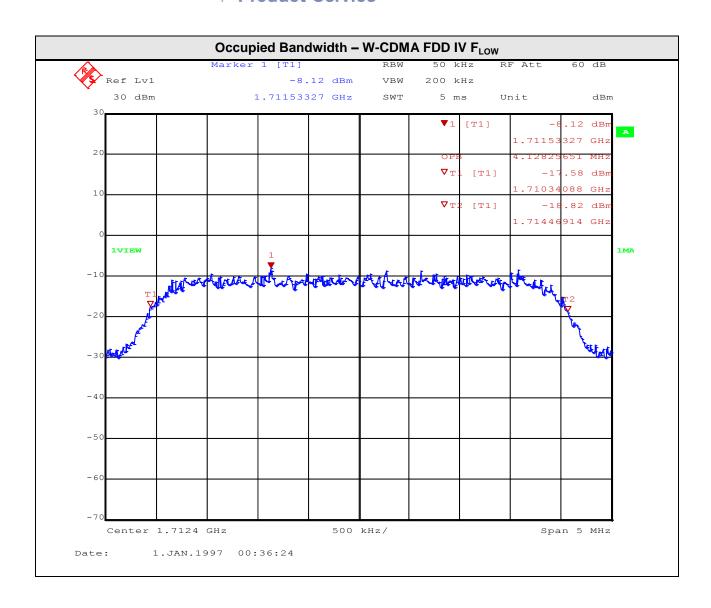




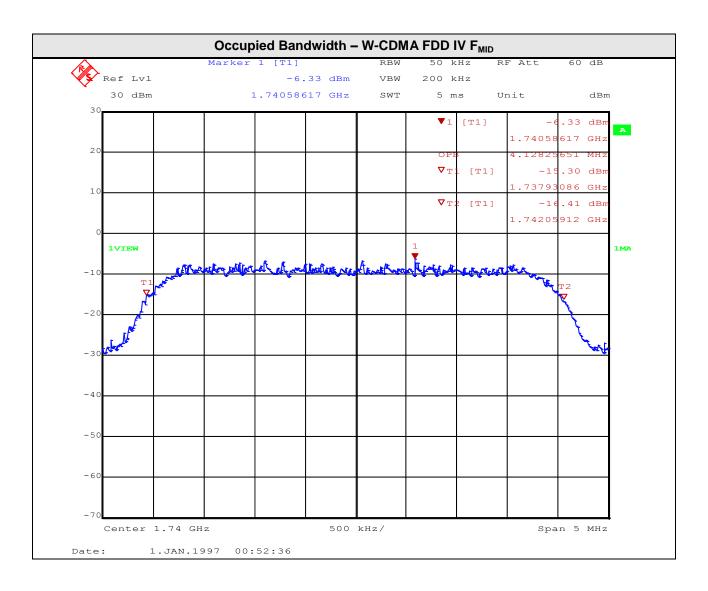




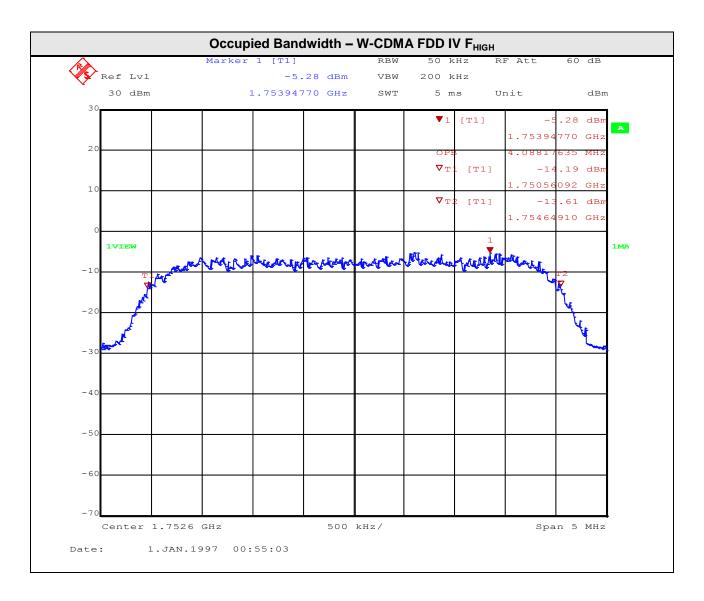




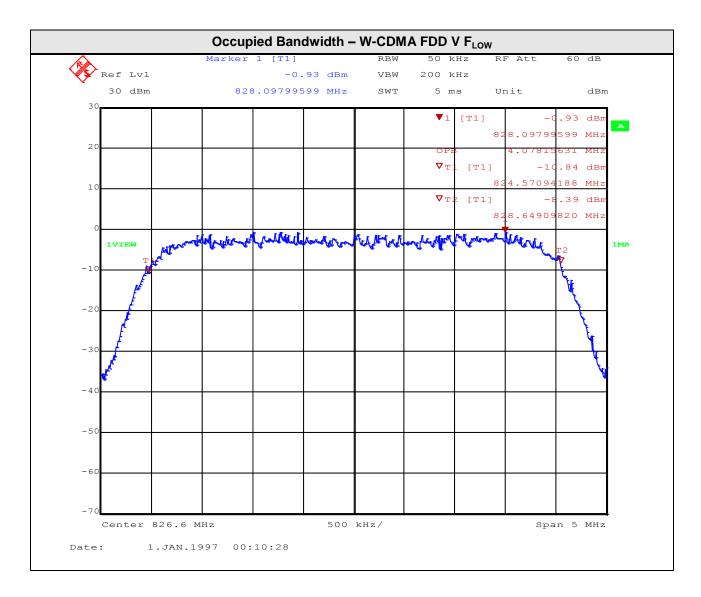








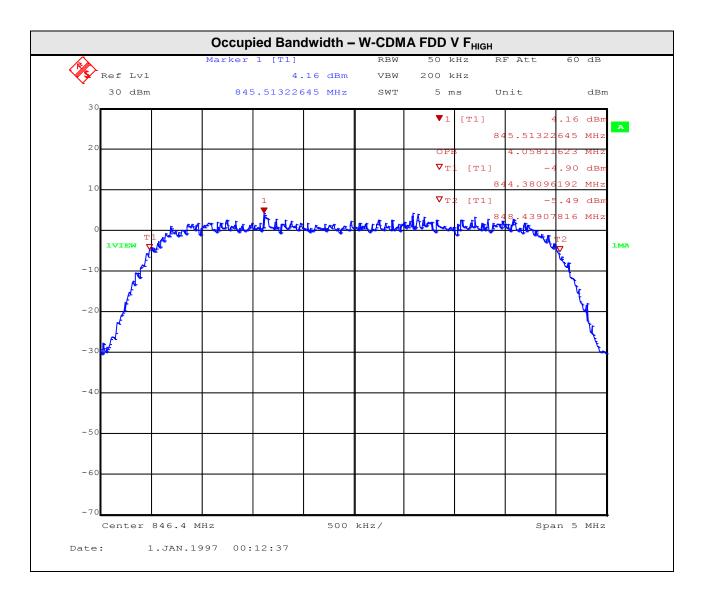














Test Conditions and Results - Effective radiated power / Equivalent isotropic radiated power

Radiated power acc. FCC RSS-133 / IC RSS-139	22H / FCC 24E / FCC 27C / IC	RSS-132 / IC Verdict: PASS					
CLIT requirement	Reference						
EUT requirement rule parts and clause	FCC § 22.913(a) / FCC § 24.232(c) / FCC § 27.50(d) IC RSS-132 § 4.4 / IC RSS-133 § 6.4 / IC RSS-139 § 6.4						
Took opposition to	Reference Method						
Test according to measurement reference		32(c) / FCC § 27.50(d) / ANSI/TIA-603-C RSS-133 § 6.4 / IC RSS-139 § 6.4					
Test frequency range	Test	ed frequencies					
rest frequency range	F _{LO}	w / F _{MID} / F _{HIGH}					
	Limits						
Frequency range	Equipment type	Power limit					
824-849 MHz	Mobile transmitter	FCC: 7 Watts (38.45 dBm) e.r.p. IC: 11.5 Watts (40.6 dBm) e.i.r.p.					
1710-1755MHz	Mobile transmitter	FCC: 1 Watts (30dBm) e.i.r.p. IC: 1 Watts (30dBm) e.i.r.p.					
1850-1910 MHz	Mobile transmitter	FCC: 2 Watts (33 dBm) e.i.r.p. IC: 2 Watts (33 dBm) e.i.r.p.					
	Test setup						
	Fully-anechoic Ch	EUT Turn table					
Amp Ma		•					

Test procedure

- 1. EUT set to test mode
- 2. The radiated power is measured with a measurement antenna in vertical polarization
- 3. To obtain maximum level the EUT is rotated
- 4. The EUT is replaced with a half-wave dipole and the power to the dipole is adjusted to obtain same radiated power measurement value



	Test results – GSM850 E.R.P.								
Channel	Frequency [MHz]	Mode	Pol.	Power [dBm e.r.p]	Limit [dBm e.r.p]	Margin [dB]	Result		
F _{LOW}	823.948	GPRS850	ver	24.2	38.45	-14.26	PASS		
F _{LOW}	823.948	GPRS850	hor	21.3	38.45	-17.13	PASS		
F _{MID}	836.156	GPRS850	ver	25.3	38.45	-13.17	PASS		
F _{MID}	836.312	GPRS850	hor	23.2	38.45	-15.22	PASS		
F _{HIGH}	848.792	GPRS850	ver	26.3	38.45	-12.11	PASS		
F _{HIGH}	848.896	GPRS850	hor	24.0	38.45	-14.42	PASS		
		Test res	ults – GSN	/1850 E.I.R.P.					
Channel	Frequency [MHz]	Mode	Pol.	Power [dBm e.i.r.p]	Limit [dBm e.i.r.p]	Margin [dB]	Result		
F_LOW	823.948	GPRS850	ver	26.35	40.6	-14.25	PASS		
F_LOW	823.948	GPRS850	hor	23.45	40.6	-17.15	PASS		
F_{MID}	836.156	GPRS850	ver	27.45	40.6	-13.15	PASS		
F_{MID}	836.312	GPRS850	hor	25.35	40.6	-15.25	PASS		
F _{HIGH}	848.792	GPRS850	ver	28.45	40.6	-12.15	PASS		
F_{HIGH}	848.896	GPRS850	hor	26.15	40.6	-14.45	PASS		
	•	Test res	sults – GS	M850 E.R.P.					
Channel	Frequency [MHz]	Mode	Pol.	Power [dBm e.i.r.p]	Limit [dBm e.i.r.p]	Margin [dB]	Result		
F_LOW	823.948	EGPRS850	ver	22.50	38.45	-15.95	PASS		
F_{LOW}	823.948	EGPRS850	hor	18.70	38.45	-19.75	PASS		
F_{MID}	836.156	EGPRS850	ver	24.10	38.45	-14.35	PASS		
F_{MID}	836.312	EGPRS850	hor	19.10	38.45	-19.35	PASS		
F_{HIGH}	848.792	EGPRS850	ver	26.20	38.45	-12.25	PASS		
F_{HIGH}	848.896	EGPRS850	hor	20.70	38.45	-17.75	PASS		
		Test res	ults – GSN	/1850 E.I.R.P.					
Channel	Frequency [MHz]	Mode	Pol.	Power [dBm e.i.r.p]	Limit [dBm e.i.r.p]	Margin [dB]	Result		
F_{LOW}	823.948	EGPRS850	ver	24.65	40.6	-15.95	PASS		
F _{LOW}	823.948	EGPRS850	hor	20.85	40.6	-19.75	PASS		
F _{MID}	836.156	EGPRS850	ver	26.25	40.6	-14.35	PASS		
F _{MID}	836.312	EGPRS850	hor	21.25	40.6	-19.35	PASS		
F _{HIGH}	848.792	EGPRS850	ver	28.35	40.6	-12.25	PASS		
F _{HIGH}	848.896	EGPRS850	hor	22.85	40.6	-17.75	PASS		



	Test results – GSM1900 E.I.R.P.							
Channel	Frequency [MHz]	Mode	Pol.	Power [dBm e.i.r.p]	Limit [dBm e.i.r.p]	Margin [dB]	Result	
F_{LOW}	1850.1	GPRS1900	hor	14.9	33	-18.10	PASS	
F _{LOW}	1850.2	GPRS1900	ver	15.5	33	-17.50	PASS	
F _{MID}	1879.9	GPRS1900	hor	15.0	33	-18.00	PASS	
F _{MID}	1880	GPRS1900	ver	14.4	33	-18.60	PASS	
F _{HIGH}	1909.8	GPRS1900	ver	13.2	33	-19.80	PASS	
F _{HIGH}	1909.8	GPRS1900	hor	16.9	33	-16.10	PASS	
	Test results – GSM1900 E.I.R.P.							
Channel	Frequency [MHz]	Mode	Pol.	Power [dBm e.i.r.p]	Limit [dBm e.i.r.p]	Margin [dB]	Result	
F _{LOW}	1850.1	EGPRS1900	hor	16.6	33	-16.40	PASS	
F_{LOW}	1850.2	EGPRS1900	ver	19.2	33	-13.80	PASS	
F _{MID}	1879.9	EGPRS1900	hor	18.3	33	-14.70	PASS	
F _{MID}	1880	EGPRS1900	ver	18.8	33	-14.20	PASS	
F _{HIGH}	1909.8	EGPRS1900	ver	17.0	33	-16.00	PASS	
F _{HIGH}	1909.8	EGPRS1900	hor	17.0	33	-16.00	PASS	
Comments:	•							



	Test results – WCDMA FDD V E.R.P.								
Channel	Frequency [MHz]	Mode	Pol.	Power [dBm e.r.p]	Limit [dBm e.r.p]	Margin [dB]	Result		
F_{LOW}	827.056	RMC 12.2kbps	hor	11.6	38.45	-26.85	PASS		
F_{LOW}	826.144	RMC 12.2kbps	ver	16.2	38.45	-22.25	PASS		
F _{MID}	836.104	RMC 12.2 kbps	hor	12.3	38.45	-26.15	PASS		
F _{MID}	836.152	RMC 12.2 kbps	ver	17.6	38.45	-20.85	PASS		
F _{HIGH}	845.52	RMC 12.2 kbps	ver	18.9	38.45	-19.55	PASS		
F _{HIGH}	847.248	RMC 12.2 kbps	hor	13.2	38.45	-25.25	PASS		
		Test results	s – WCDM	A FDD V E.I.R.P.					
Channel	Frequency [MHz]	Mode	Pol.	Power [dBm e.i.r.p]	Limit [dBm e.i.r.p]	Margin [dB]	Result		
F_{LOW}	827.056	RMC 12.2kbps	ver	13.75	40.6	-26.85	PASS		
F_{LOW}	826.144	RMC 12.2kbps	hor	18.35	40.6	-22.25	PASS		
F_{MID}	836.104	RMC 12.2 kbps	ver	14.45	40.6	-26.15	PASS		
F_{MID}	836.152	RMC 12.2 kbps	hor	19.75	40.6	-20.85	PASS		
F _{HIGH}	845.52	RMC 12.2 kbps	ver	21.05	40.6	-19.55	PASS		
F _{HIGH}	847.248	RMC 12.2 kbps	hor	15.35	40.6	-25.25	PASS		
		Test results	- WCDM	A FDD II E.I.R.P.	-	-	-		
Channel	Frequency [MHz]	Mode	Pol.	Power [dBm e.i.r.p]	Limit [dBm e.i.r.p]	Margin [dB]	Result		
F_{LOW}	1851.2	RMC 12.2kbps	hor	11.3	33	-21.70	PASS		
F_{LOW}	1852.3	RMC 12.2kbps	ver	7.8	33	-25.20	PASS		
F_{MID}	1880.2	RMC 12.2 kbps	hor	11.3	33	-21.70	PASS		
F_{MID}	1880.6	RMC 12.2 kbps	ver	10.1	33	-22.90	PASS		
F_{HIGH}	1906.1	RMC 12.2 kbps	hor	13.8	33	-19.20	PASS		
F_{HIGH}	1906.4	RMC 12.2 kbps	ver	10	33	-23.00	PASS		
		Test results	- WCDMA	FDD IV E.I.R.P.					
Channel	Frequency [MHz]	Mode	Pol.	Power [dBm e.i.r.p]	Limit [dBm e.i.r.p]	Margin [dB]	Result		
F_{LOW}	1711.5	RMC 12.2kbps	hor	17.1	30	-12.90	PASS		
F _{LOW}	1713.4	RMC 12.2kbps	ver	12.6	30	-17.40	PASS		
F _{MID}	1738.8	RMC 12.2 kbps	hor	16.8	30	-13.20	PASS		
F _{MID}	1739.6	RMC 12.2 kbps	ver	13.3	30	-16.70	PASS		
F _{HIGH}	1751.2	RMC 12.2 kbps	hor	15.7	30	-14.30	PASS		
F _{HIGH}	1751.3	RMC 12.2 kbps	ver	14.6	30	-15.40	PASS		
Comments:	omments:								



3.2 Test Conditions and Results - Transmitter radiated emissions

nsmitter radiated power a SS-132 / IC RSS-133 / IC I		22H / FCC 24E / FCC 27C Verdict: PAS	
Test according referenced standards		Reference Method	
		FCC § 22.917(a) / FCC § 24.238(a) / FCC § 27.53(h) IC RSS-132 § 4.5 / IC RSS-133 § 6.5 / IC RSS-139 § 6.5	
Test according to		Reference Method	
measurement reference		ANSI/TIA-603-C	
Took francisco as a real real		Tested frequencies	
Test frequency range		30 MHz – 10 th Harmonic	
		Limits	
Frequency range		Limit	
824-849 MHz	Attenuatio	on below transmitter power ≥ 43 + 10 · log ₁₀ (P) [dB] = -13 dBr	
1710-1755MHz Attenuation below transmitter power ≥ 43 + 10 · log ₁₀ (P) [dB]			
1850-1910 MHz	Attenuatio	on below transmitter power ≥ 43 + 10 · log ₁₀ (P) [dB] = -13 dBr	
		Test setup	
	+	Semi-anechoic Chamber EUT Turn table Ground Plane	
	///////////////////////////////////////		
Amplifie Matrix	r	Measurement Receiver	

Test procedure

- 1. EUT set to test mode
- 2. Maximum emission level is measured by rotating the EUT and adjusting the antenna height for vertical polarization
- 3. The EUT is replaced by a substitution antenna and generator
- 4. The power level is set to obtain the same power reading
- 5. Measurement is repeated for horizontal polarization



		т	ast results	- GPRS850					
Channel	Frequency [MHz]	Mode	Emission [MHz]	Level [dbm]	Pol.	Limit [dBm]	Margin [dB]		
F_{LOW}	824.2	GPRS850	823.992	-27.70	hor	-13.00	-14.67		
F _{LOW}	824.2	GPRS850	823.996	-21.80	ver	-13.00	-08.80		
F _{HIGH}	848.8	GPRS850	849	-23.90	hor	-13.00	-10.88		
F _{HIGH}	848.8	GPRS850	849.02	-21.20	ver	-13.00	-08.23		
		Te	est results	- GPRS1900					
Channel	Frequency [MHz]	Mode	Emission [MHz]	Level [dbm]	Pol.	Limit [dBm]	Margin [dB]		
F _{HIGH}	1909.8	GPRS1900	3908	-29.40	hor	-13.00	-16.40		
		Test	results – V	V-CDMA FDD	II				
Channel	Frequency [MHz]	Mode	Emission [MHz]	Level [dbm]	Pol.	Limit [dBm]	Margin [dB]		
F_{LOW}	1852.6	RMC 12.2kbps	1843	-30.60	hor	-13.00	-17.55		
		Test	results – V	V-CDMA FDD	IV				
Channel	Frequency [MHz]	Mode	Emission [MHz]	Level [dbm]	Pol.	Limit [dBm]	Margin [dB]		
F_{LOW}	1712.4	RMC 12.2kbps	1704	-26.20	hor	-13.00	-13.17		
F _{HIGH}	1752.6	RMC 12.2kbps	1760	-18.10	hor	-13.00	-05.10		
	Test results – W-CDMA FDD V								
Channel	Frequency [MHz]	Mode	Emission [MHz]	Level [dbm]	Pol.	Limit [dBm]	Margin [dB]		
F_{LOW}	826.4	RMC 12.2kbps	821.754	-30.20	ver	-13.00	-17.19		
F _{HIGH}	4233	RMC 12.2kbps	850	-27.20	ver	-13.00	-14.24		
Comments:									



3.3 Test Conditions and Results - Receiver radiated emissions

Receiver radiated emissions acc. IC RSS-210 Verdict: PASS							
Test according refere	nced	Reference Method					
standards			IC RSS-210 A8.5				
Test according to)	Reference Method					
measurement refere	nce		ANSI C63.4				
Test frequency ran	ge		Tested frequencies				
rest frequency fair	ge	3	0 MHz – 3 th Harmonic				
EUT test mode			Receive				
	-	Limits					
Frequency range [MHz]	Detector	Limit [µV/m]	Limit [dBµV/m]	Limit Distance [m]			
30 – 88	Quasi-Peak	100	40	3			
88 – 216	Quasi-Peak	150	43.5	3			
216 – 960	Quasi-Peak	200	46	3			
960 – 1000	Quasi-Peak	500	54	3			
> 1000	Average	500	54	3			
		Test setup					
Semi-anechoic Chamber EUT Turn table							
Amplifier Measurement Receiver							



Test procedure

- 1. EUT set to receive mode (Communication tester is used if needed)
- 2. Span it set according to measurement range
- 3. Resolution bandwidth below 1GHz is set according to CISPR 16 with peak/quasi-peak detector and RBW of 1MHz with peak/average detector is used above 1GHz
- 4. Markers are set to peak emission levels

Test results Frequency **Emission Emission Level Emission Level** Limit Margin Channel Det. [MHz] [MHz] [dbµV/m] $[\mu V/m]$ $[\mu V/m]$ $[\mu V/m]$ $\mathsf{F}_{\mathsf{HIGH}}$ 1909.8 7424 51.89 393.10 -106.90 pk 500

Comments:

^{*} Physical distance between EUT and measurement antenna.

^{**} Emission level corresponds to ambient noise floor



ANNEX A Transmitter radiated spurious emissions

Spurious emissions according to FCC part 22 Subpart H

Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

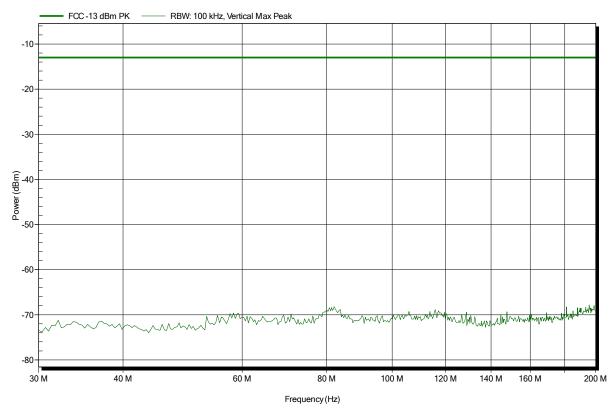
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HK 116, Vertical

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 128, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

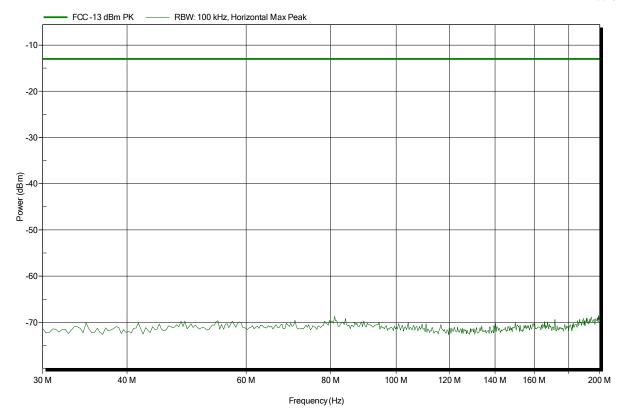
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HK 116, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 128, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

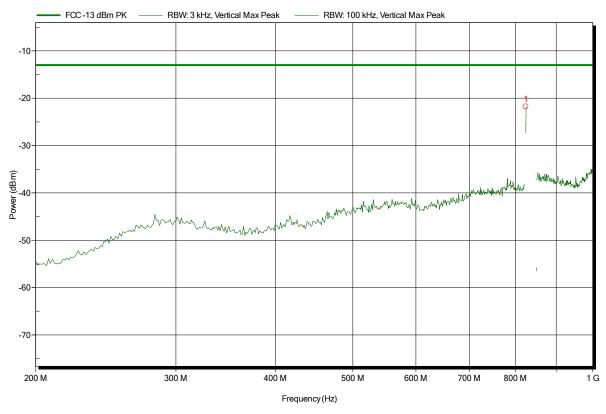
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 128, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical

Index 13



Frequency 823.996 MHz Peak -21.8 dBm Peak Limit -13 dBm Peak Difference -8.8 dB Peak Status Pass



Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

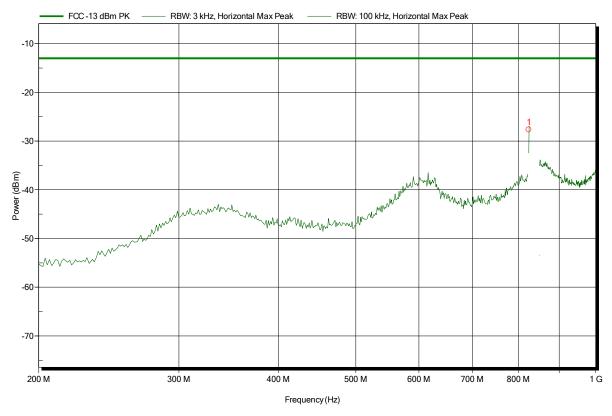
Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 128, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical

Index 20



Frequency 823.992 MHz Peak -27.7 dBm Peak Limit -13 dBm Peak Difference -14.67 dB Peak Status Pass



Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

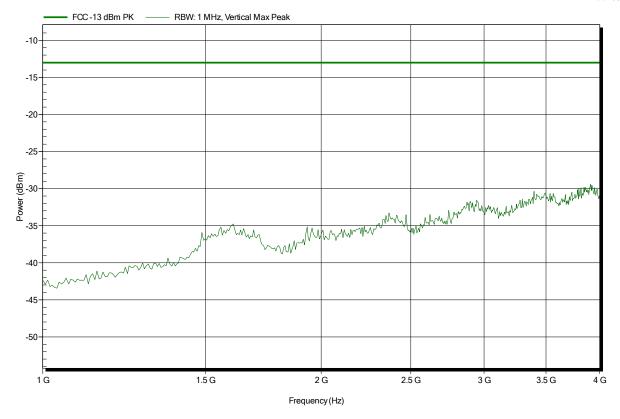
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 128, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

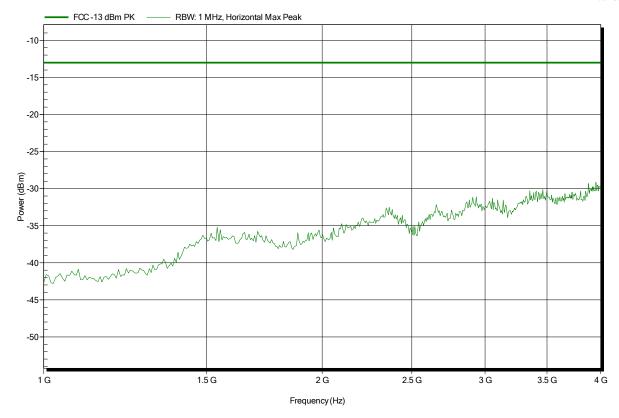
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 128, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

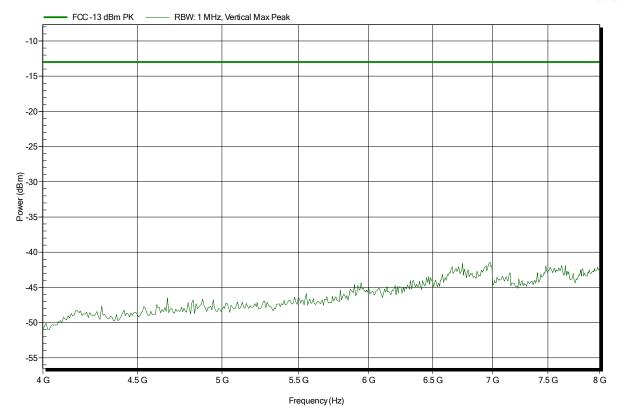
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 128, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

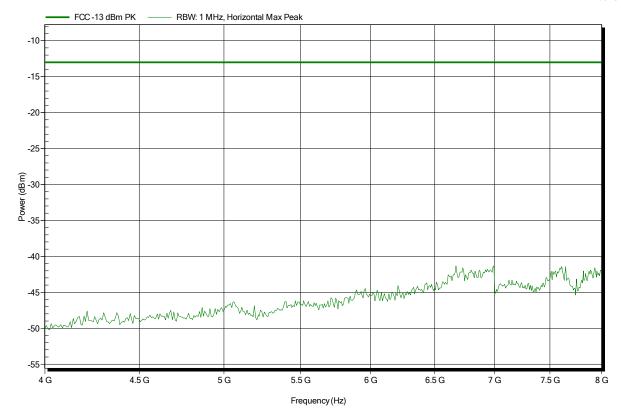
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 128, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

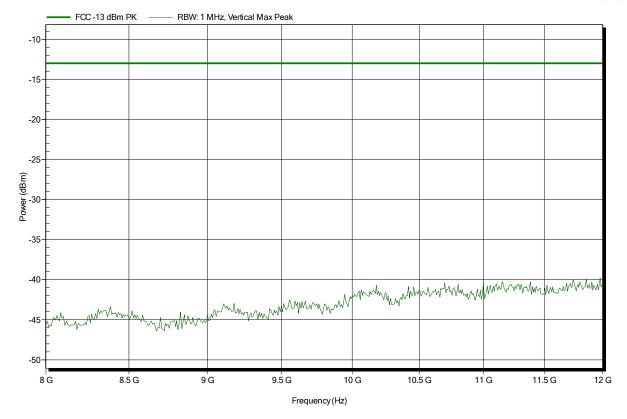
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 128, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

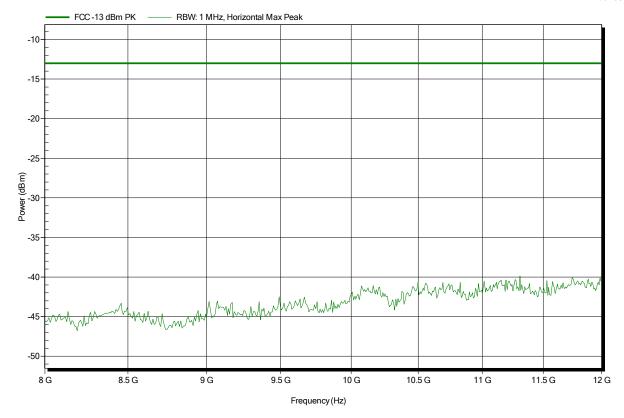
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 128, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

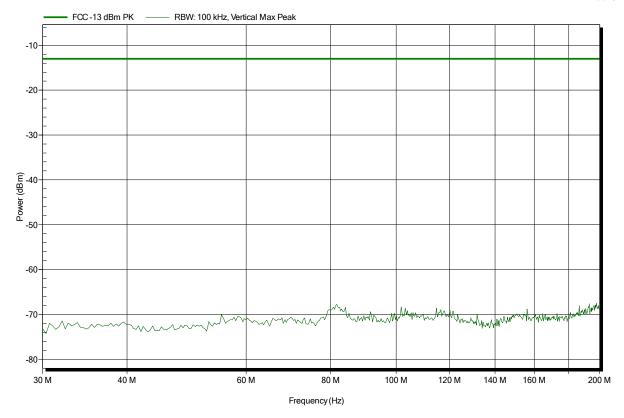
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HK 116, Vertical

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 188, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

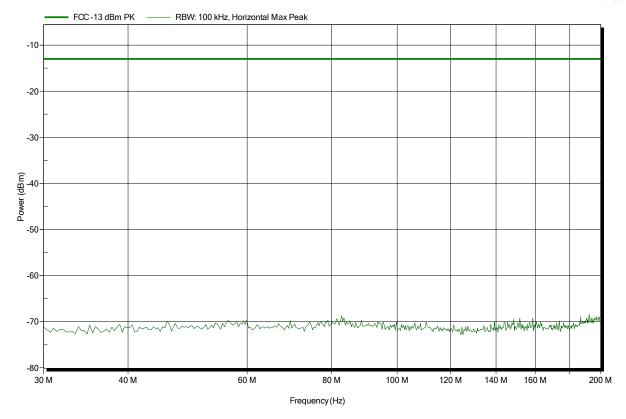
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HK 116, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 188, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

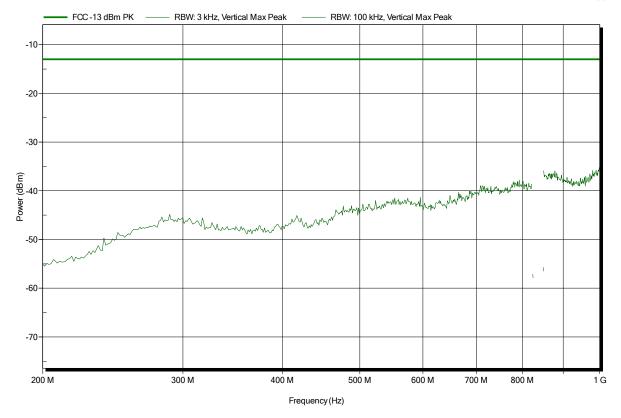
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 188, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

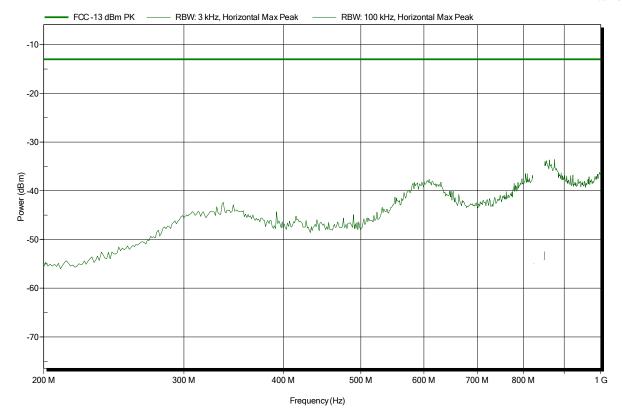
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 188, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

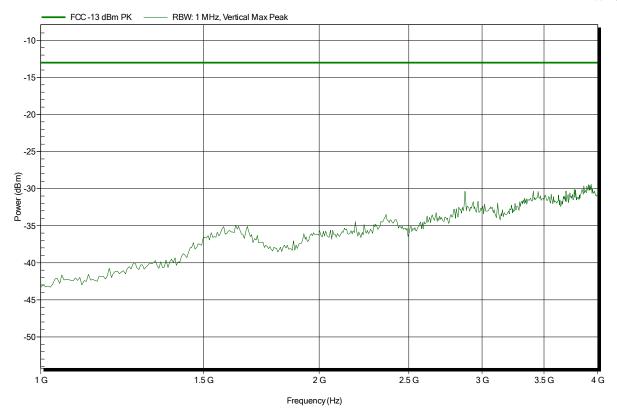
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 188, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

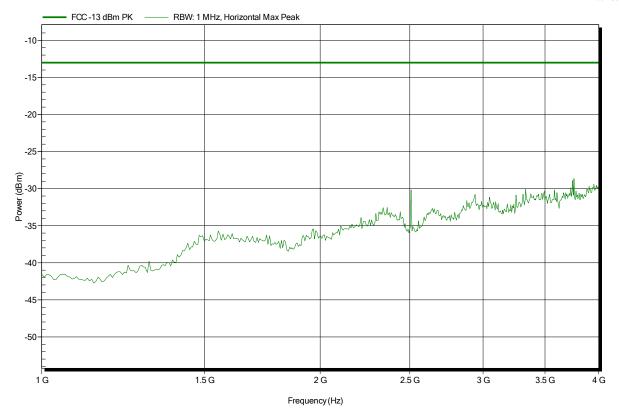
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 188, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

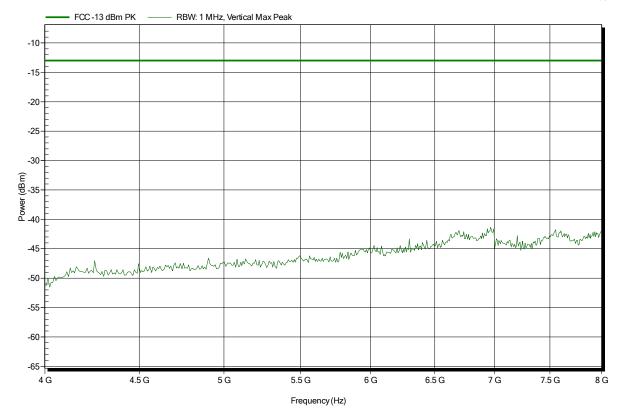
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 188, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

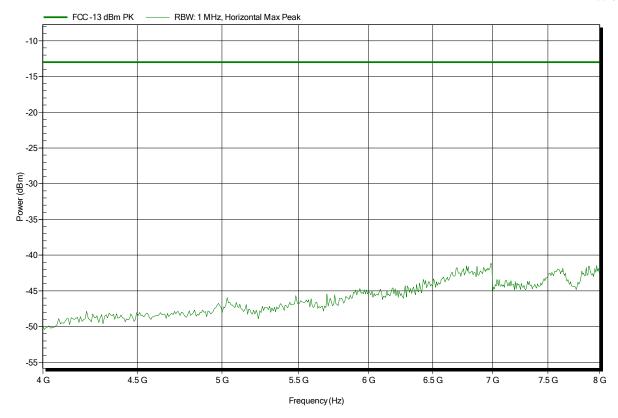
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 188, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

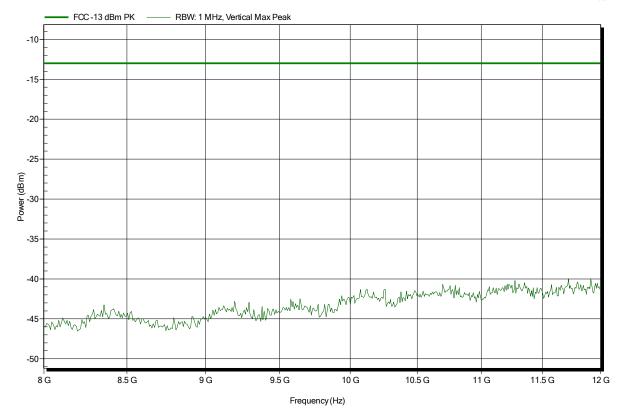
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 188, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

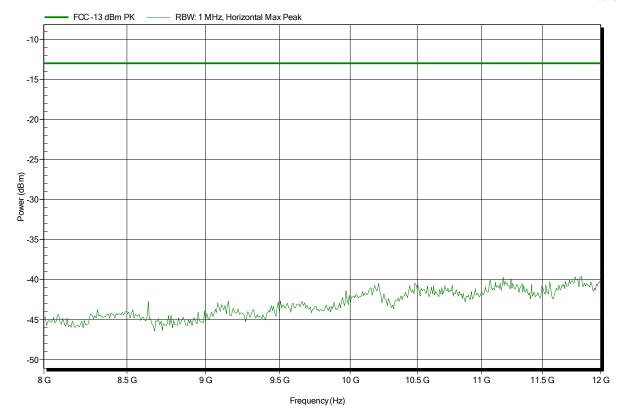
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 188, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

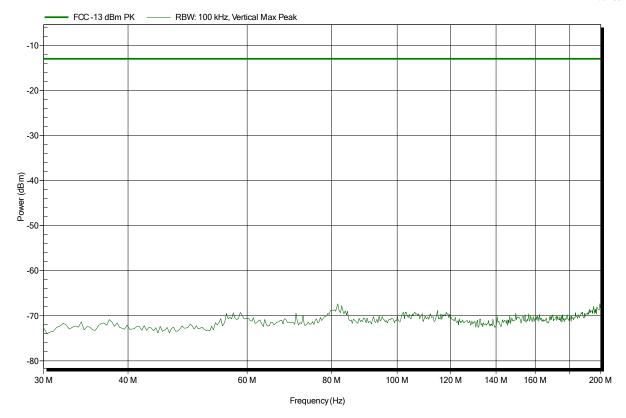
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HK 116, Vertical

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 251, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

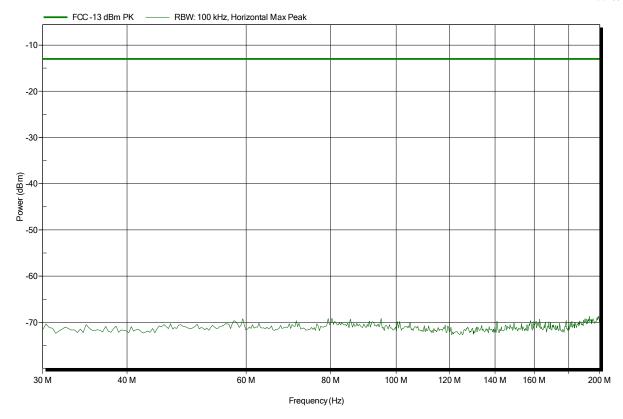
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HK 116, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 251, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

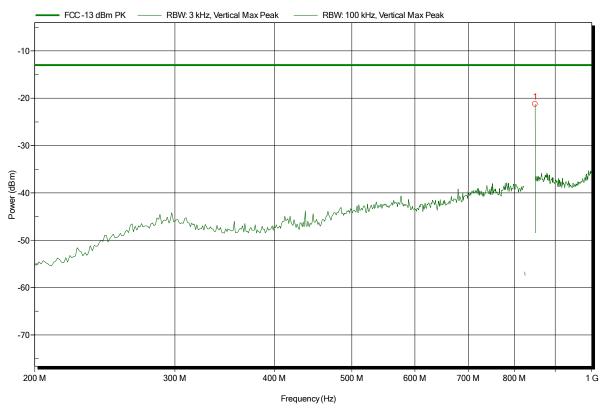
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 251, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical

Index 17



Frequency 849.02 MHz Peak -21.2 dBm Peak Limit -13 dBm Peak Difference -8.23 dB Peak Status Pass



Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

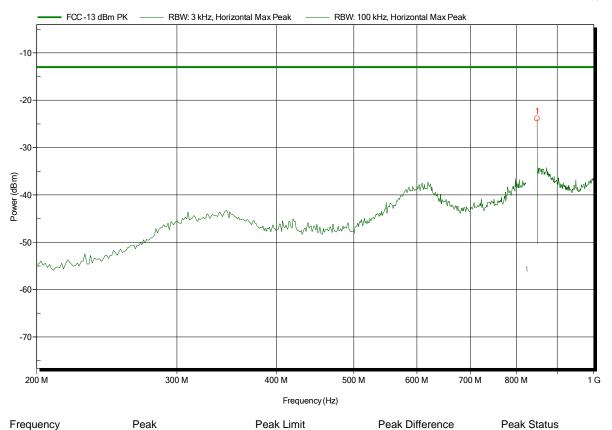
849 MHz

Mode: TX; GPRS850, Ch. 251, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical

-23.9 dBm

Index 18



-13 dBm

-10.88 dB

Pass



Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

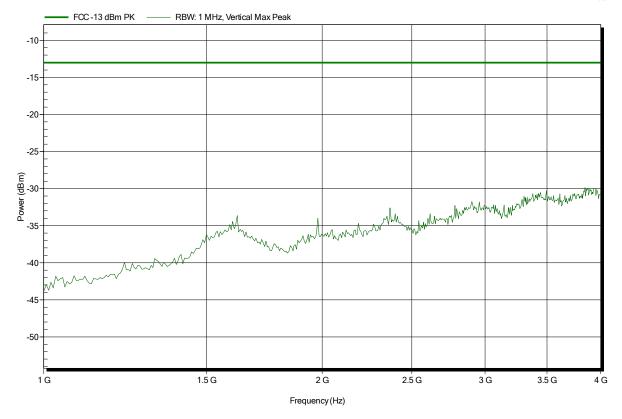
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 251, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

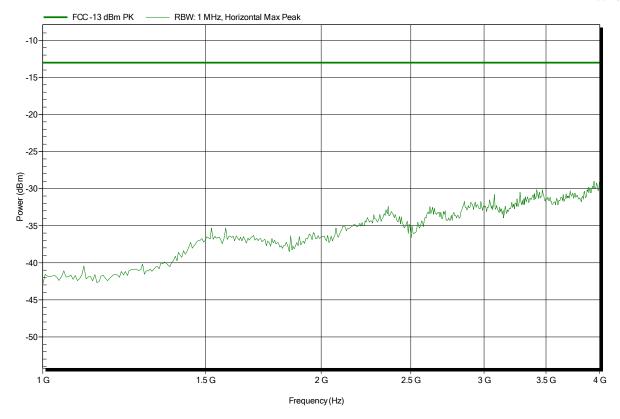
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 251, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

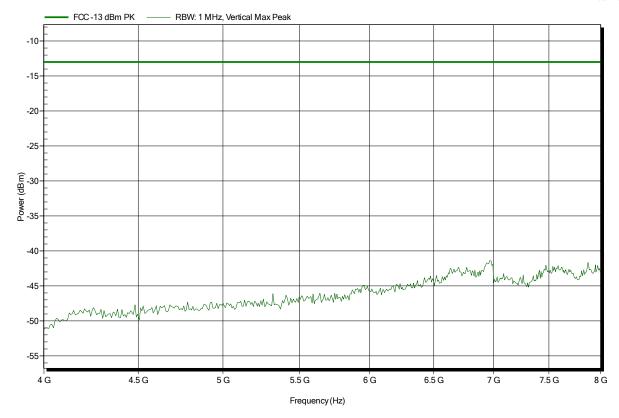
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 251, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

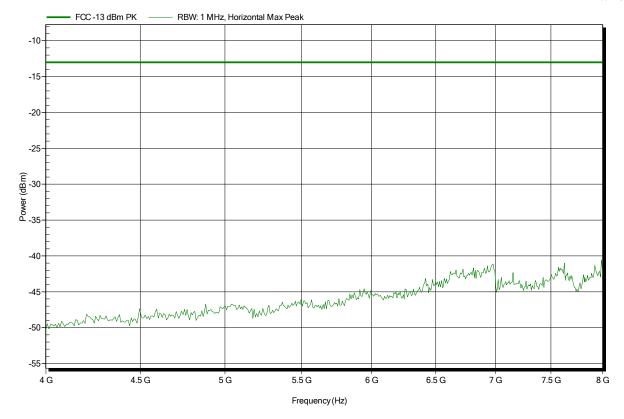
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 251, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

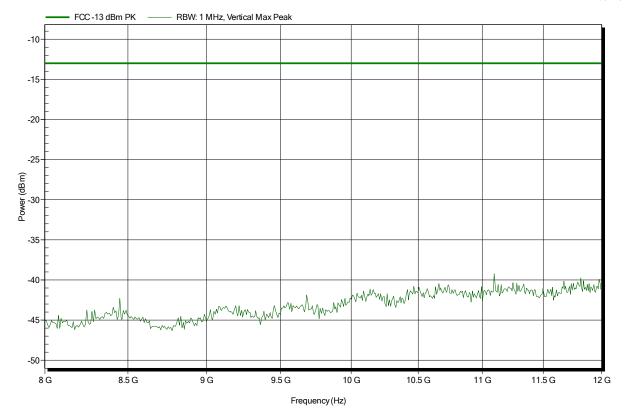
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 251, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

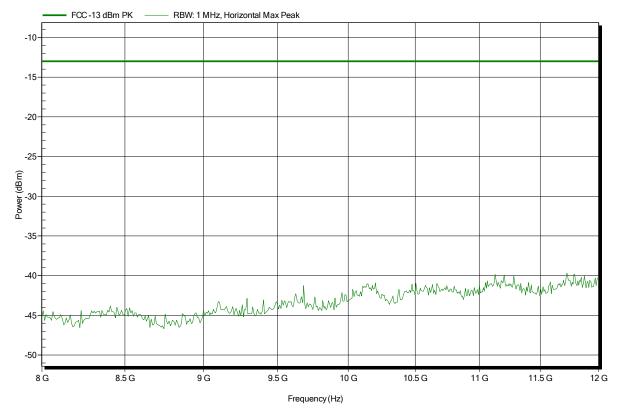
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS850, Ch. 251, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

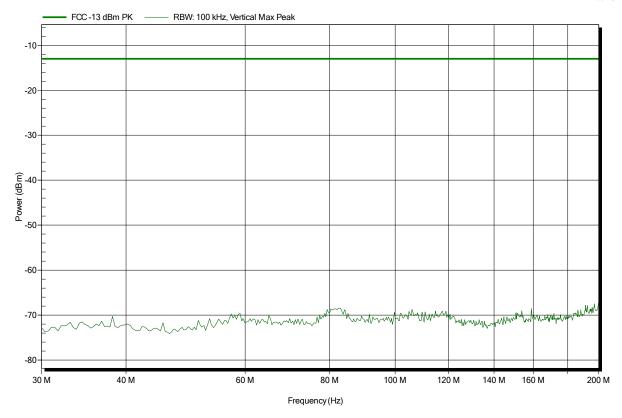
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HK 116, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 512, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

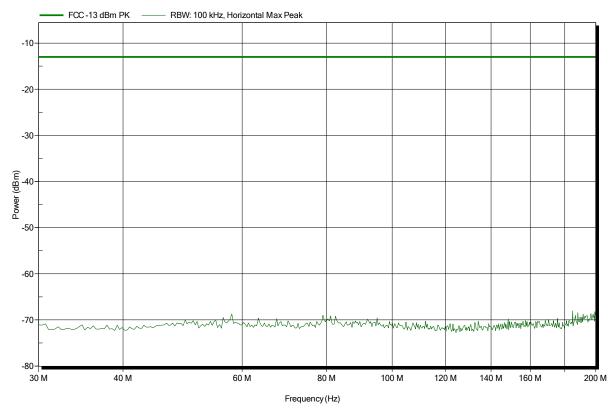
Antenna: Rohde & Schwarz HK 116, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 512, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

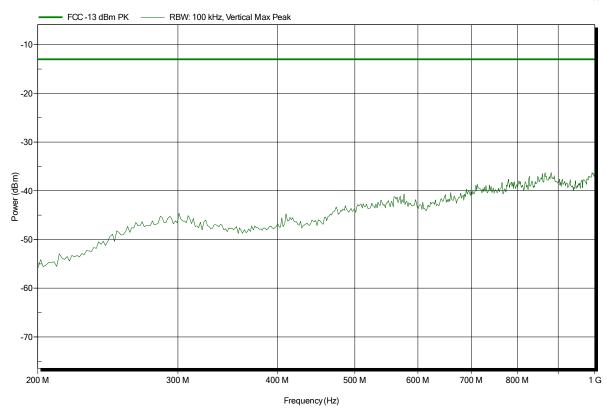
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 512, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

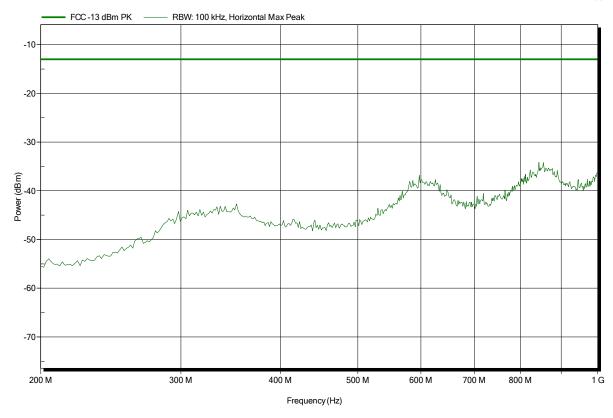
Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 512, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

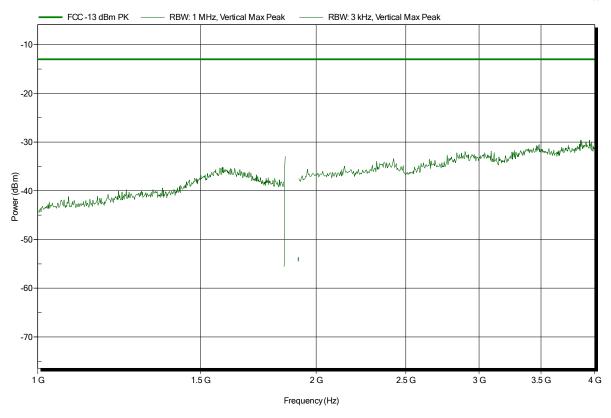
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 512, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

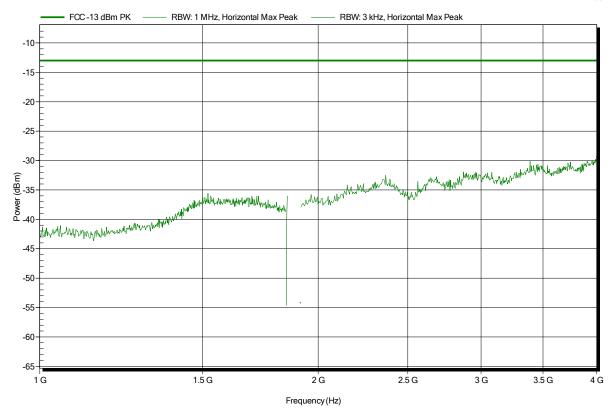
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 512, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

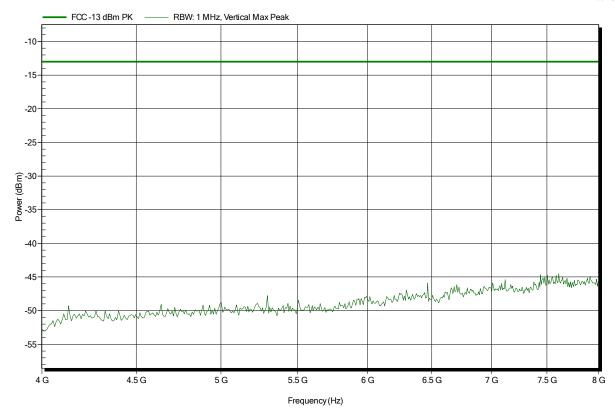
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 512, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

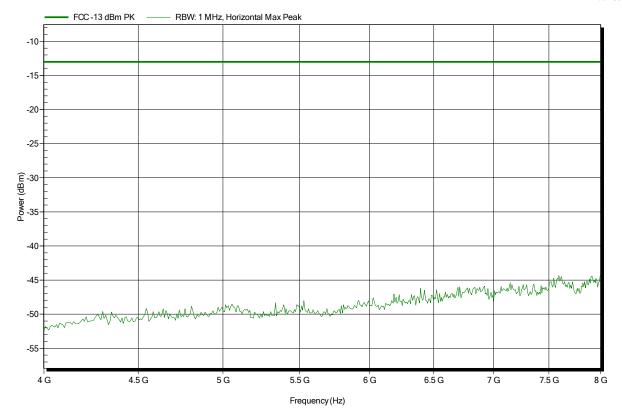
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 512, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

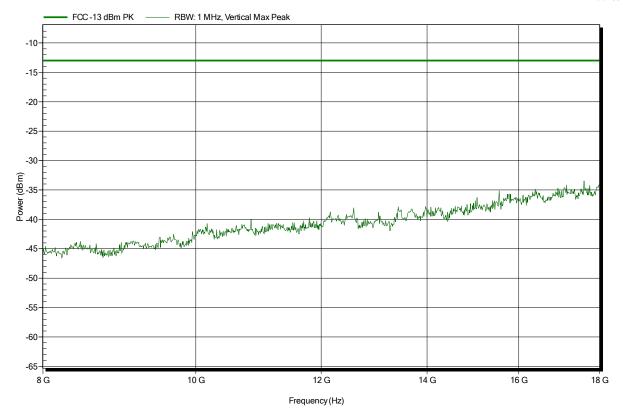
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 512, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

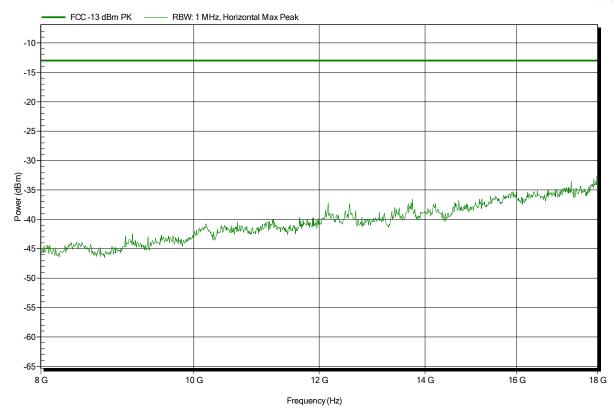
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 512, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

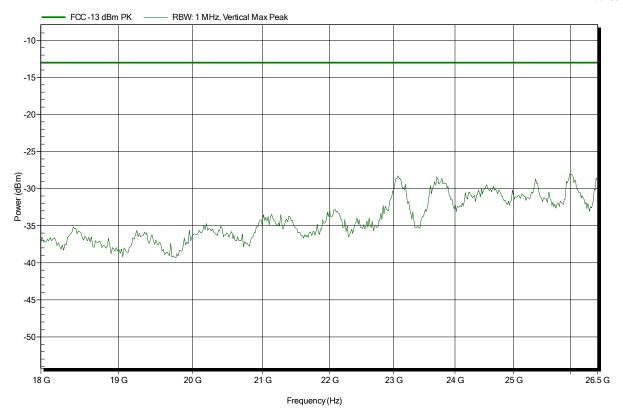
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 512, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

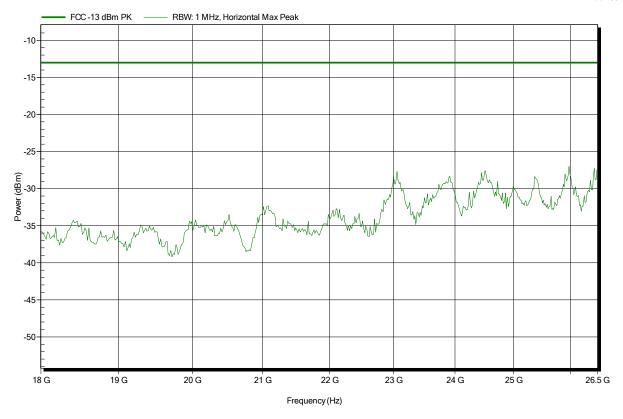
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 512, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

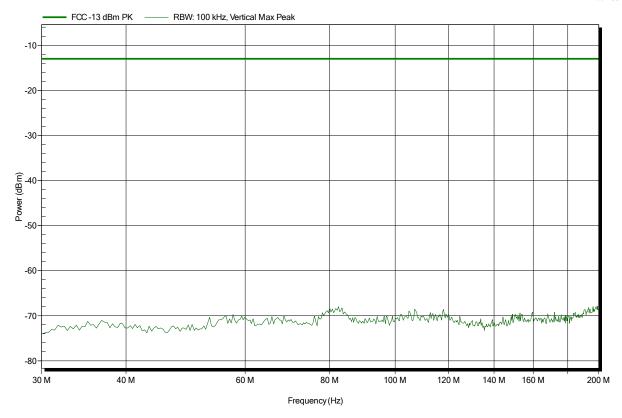
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HK 116, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 661, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

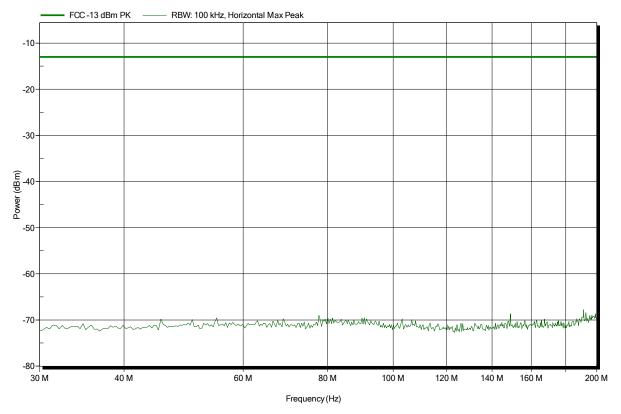
Antenna: Rohde & Schwarz HK 116, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 661, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

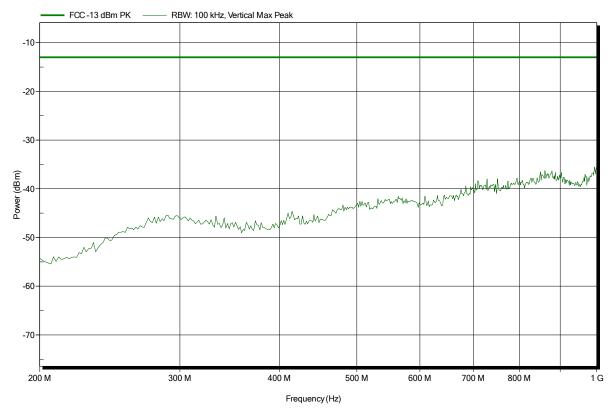
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 661, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

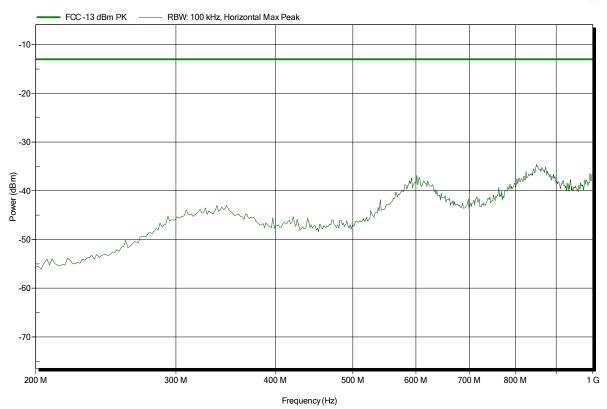
Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 661, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

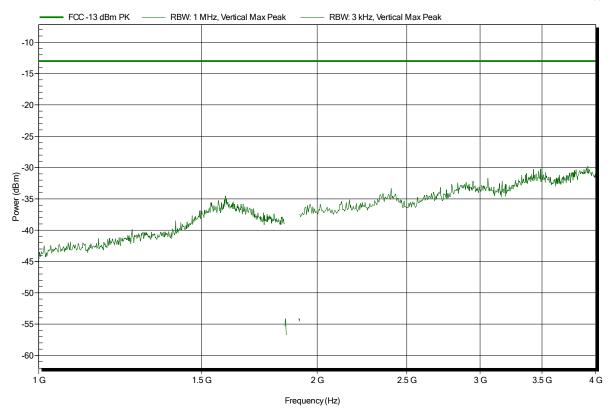
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 661, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

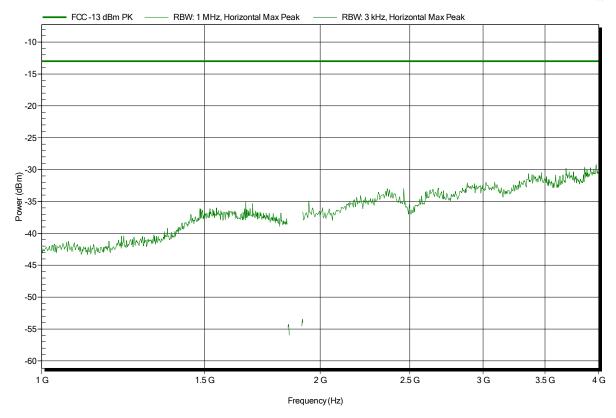
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 661, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

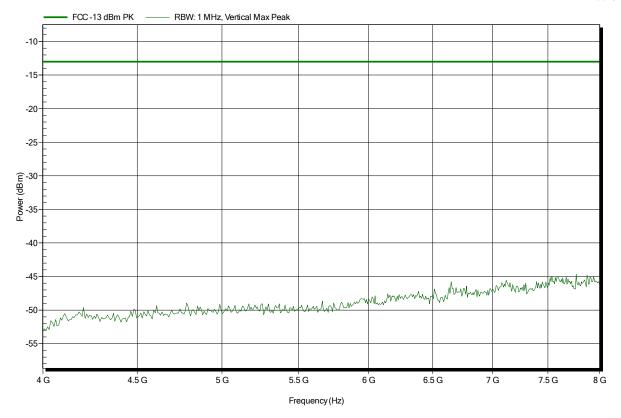
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 661, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

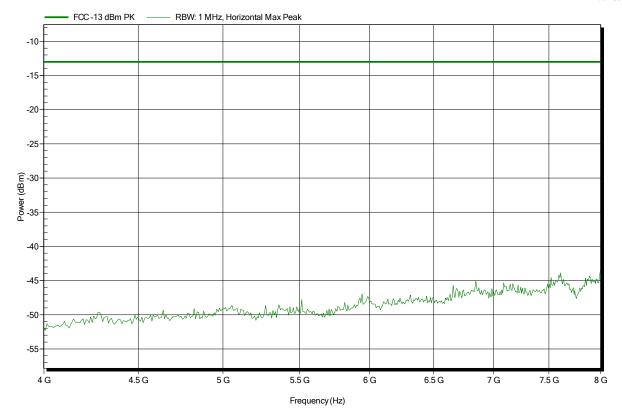
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 661, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

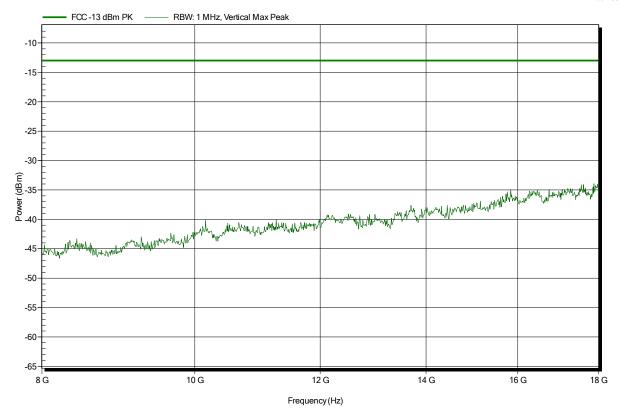
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 661, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

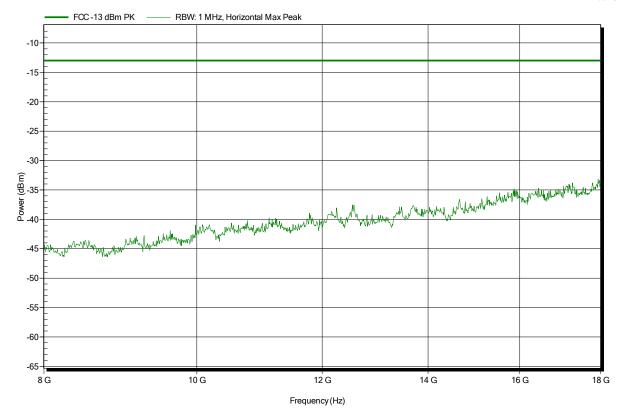
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 661, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

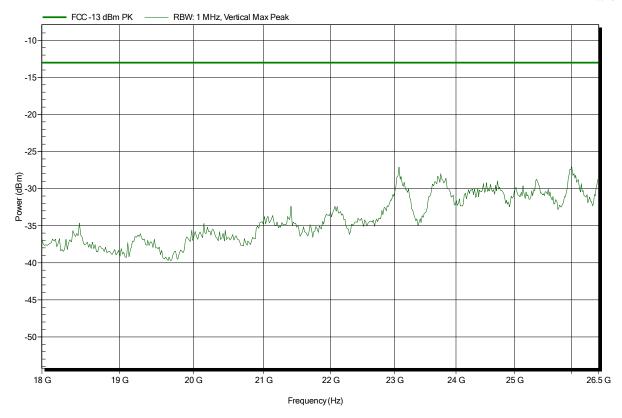
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 661, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

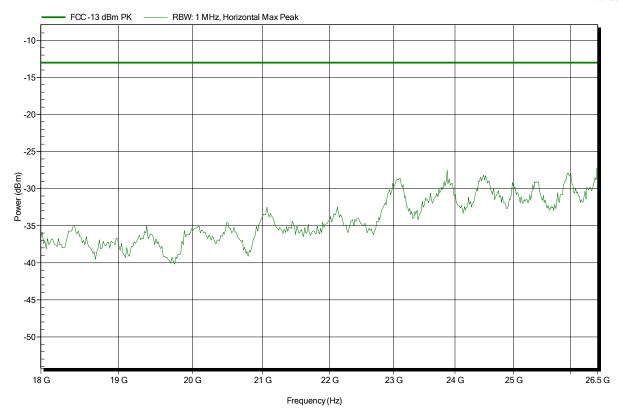
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 661, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

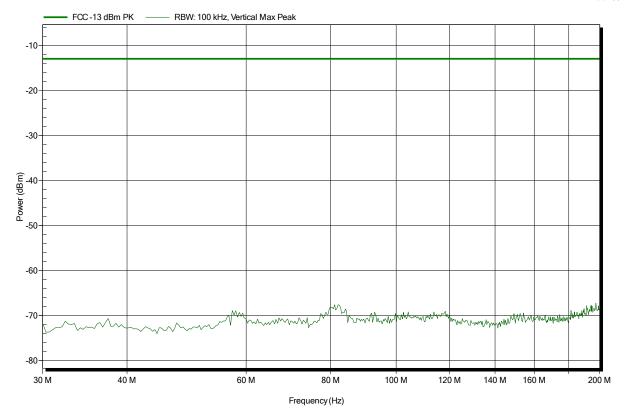
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HK 116, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 810, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

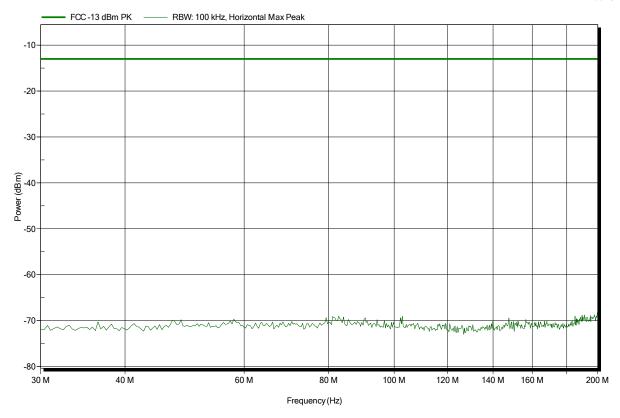
Antenna: Rohde & Schwarz HK 116, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 810, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

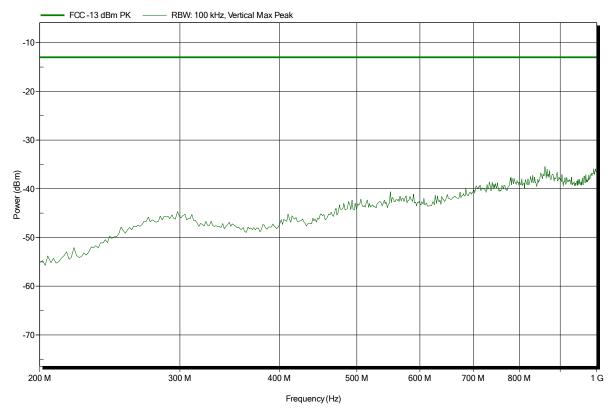
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 810, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

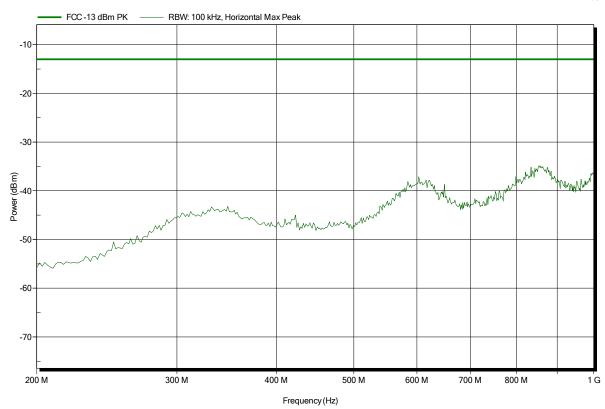
Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 810, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

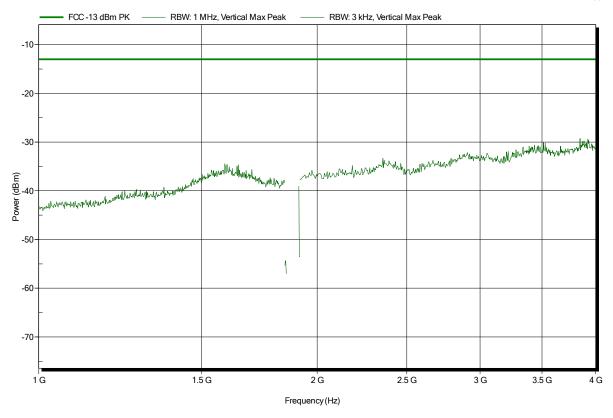
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 810, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

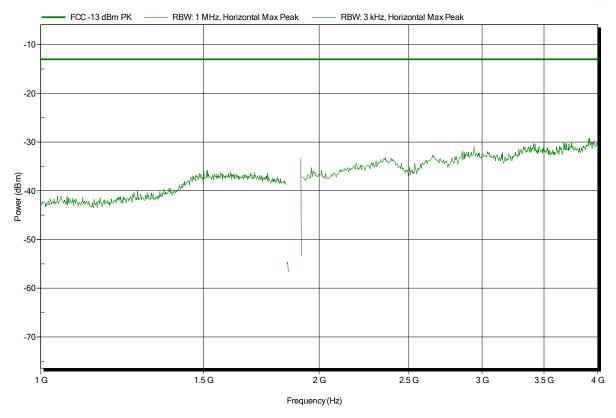
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 810, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

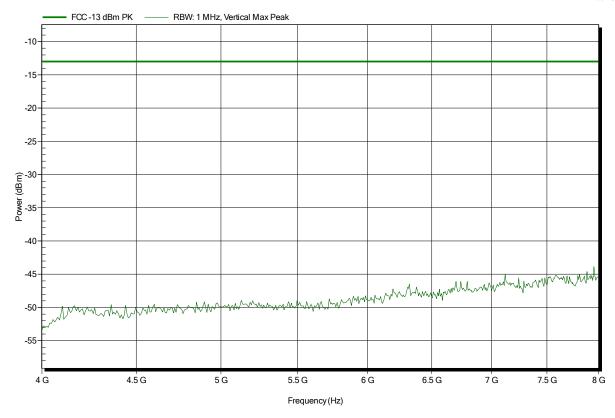
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 810, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

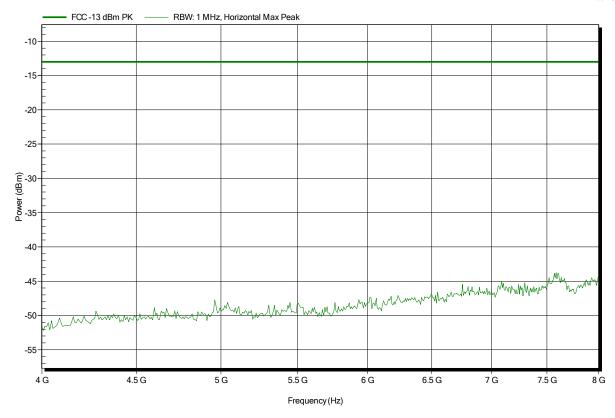
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 810, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

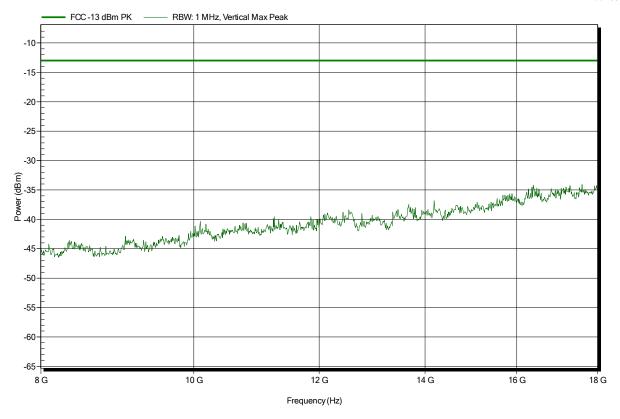
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 810, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

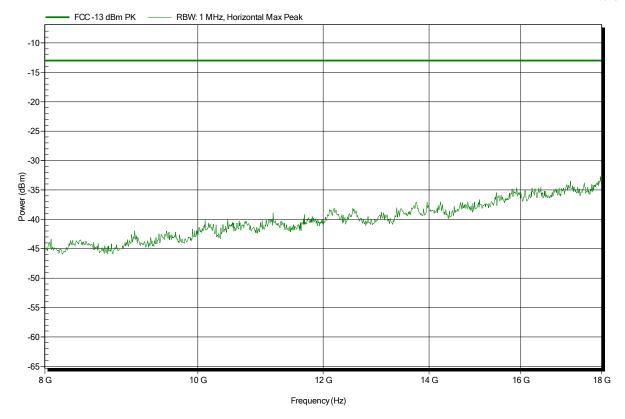
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 810, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

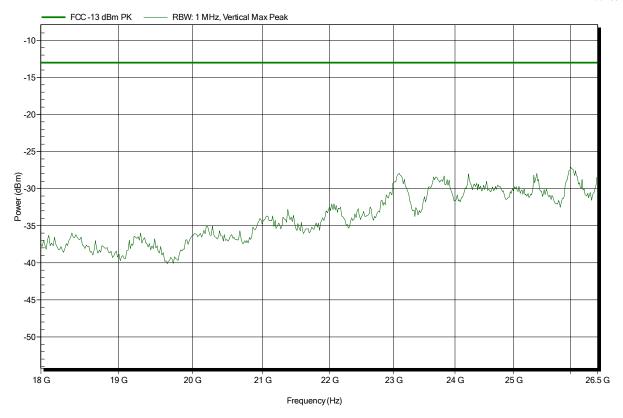
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 810, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

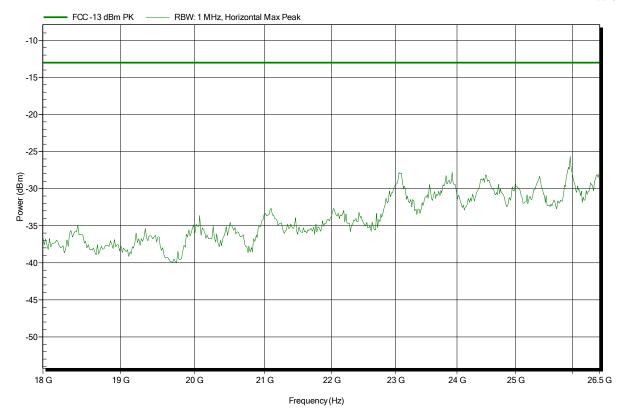
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; GPRS1900, Ch. 810, 1 uplink timeslot, Gamma 3

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

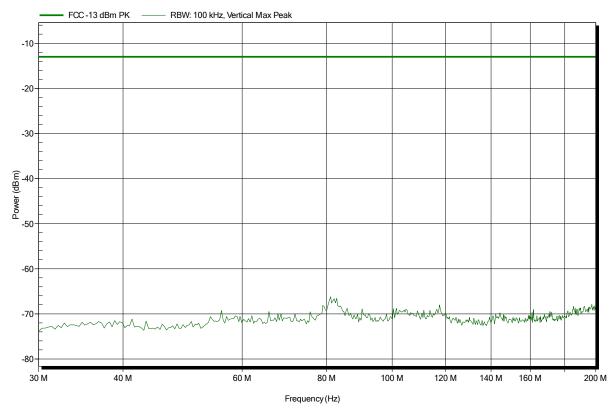
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HK 116, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9236 (RMC / TPC: All 1)

Test Date: 2014-09-25

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

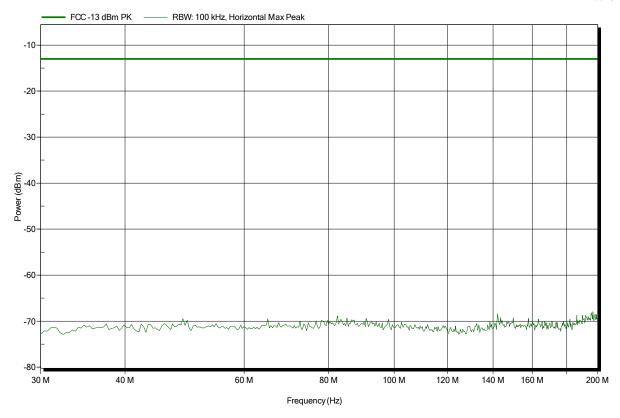
Antenna: Rohde & Schwarz HK 116, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9236 (RMC / TPC: All 1)

Test Date: 2014-09-25

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

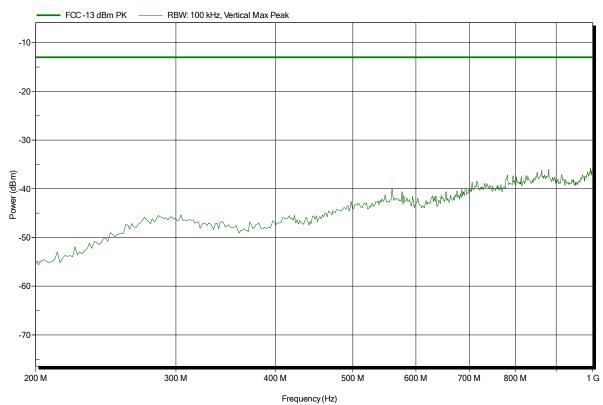
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9236 (RMC / TPC: All 1)

Test Date: 2014-09-25

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

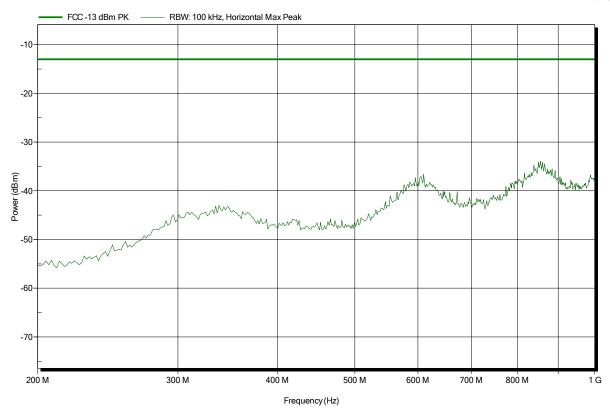
Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9236 (RMC / TPC: All 1)

Test Date: 2014-09-25

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

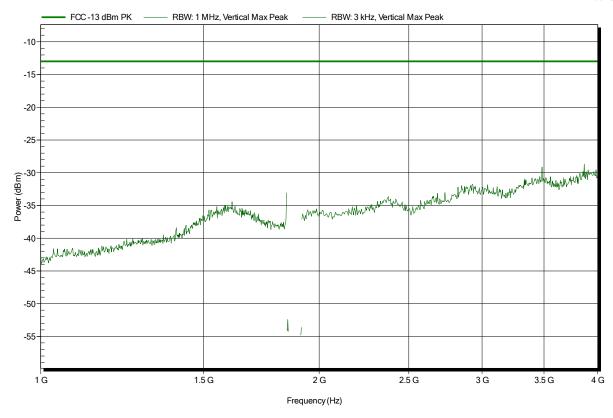
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9263 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

BARTEC PIXAVI AS Applicant:

EUT Name: Smartphone Model: **ImpactX**

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

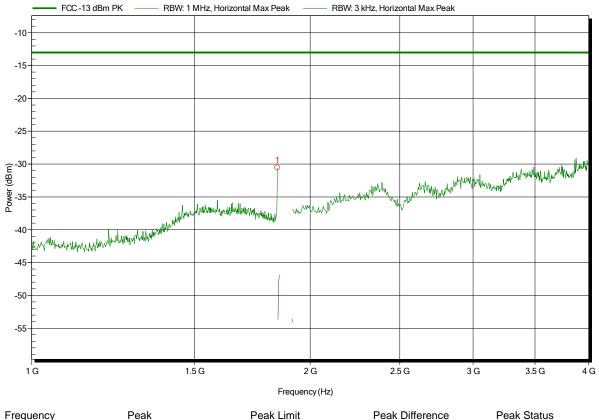
Rohde & Schwarz HL 025, Horizontal Antenna:

Measurement distance:

Mode: TX; WCDMA FDD II, Ch.: 9236 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: **EUT** vertical

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1.843 GHz

Peak -30.6 dBm Peak Limit -13 dBm

Peak Difference -17.55 dB

Peak Status Pass



Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

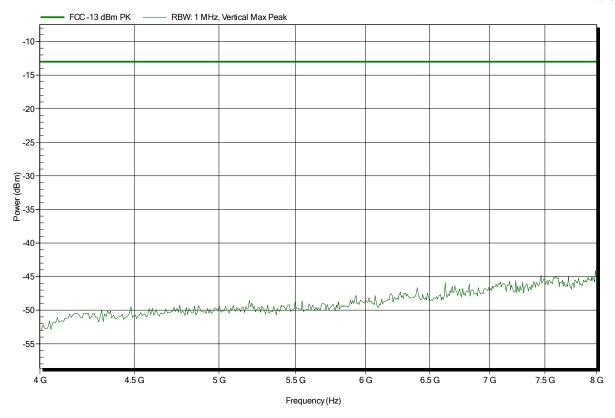
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9263 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

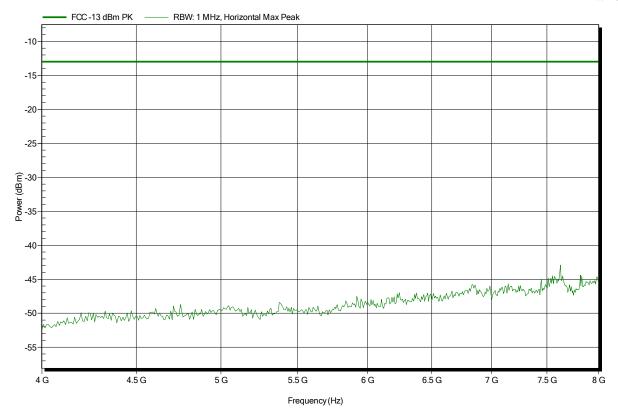
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9236 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

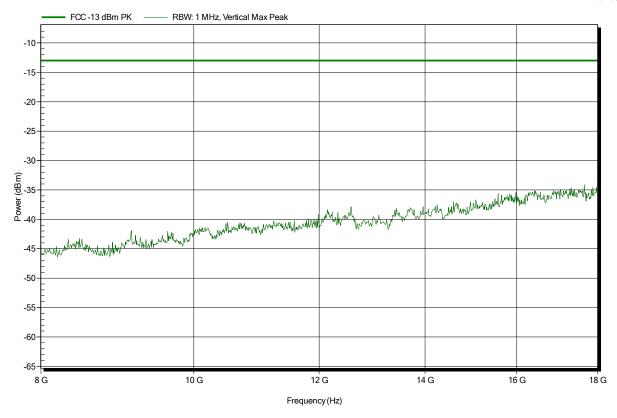
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9263 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

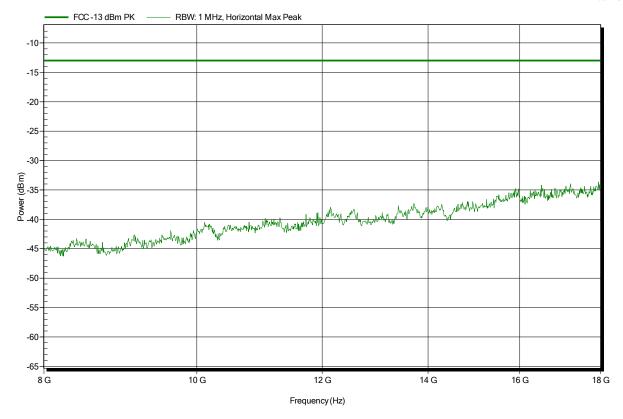
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9236 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

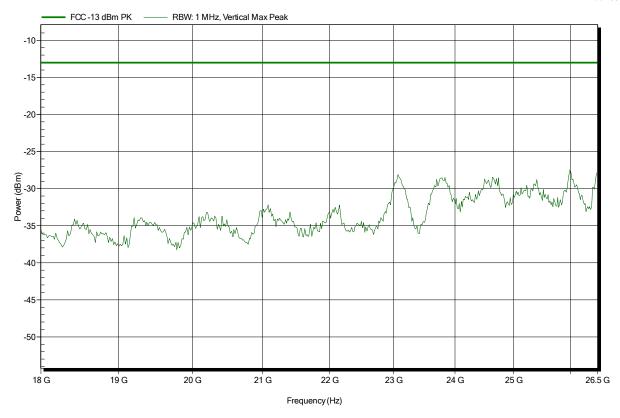
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9263 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

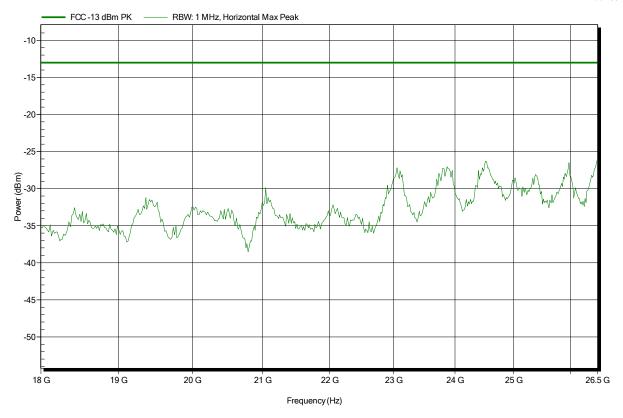
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9236 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

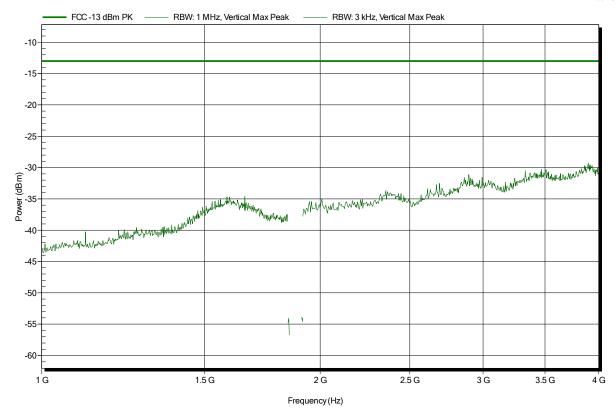
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9400 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

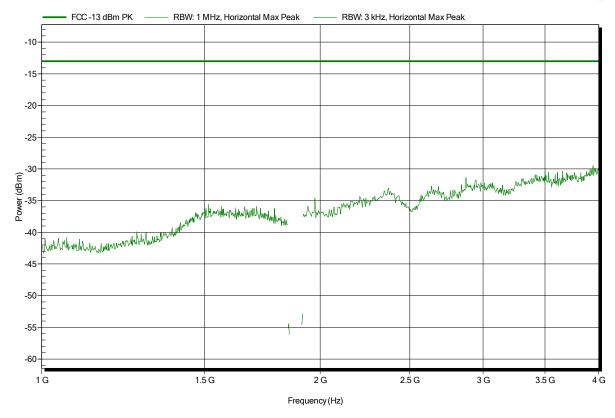
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9400 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

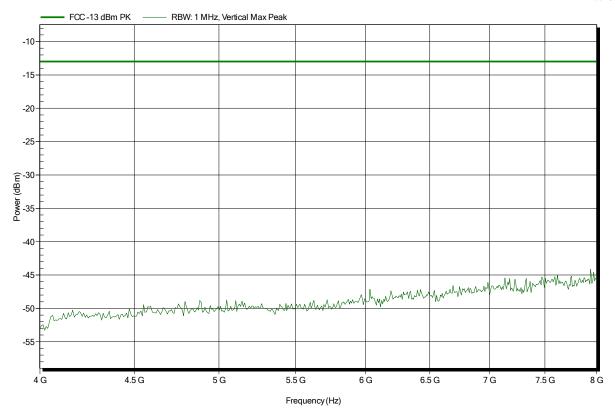
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9400 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

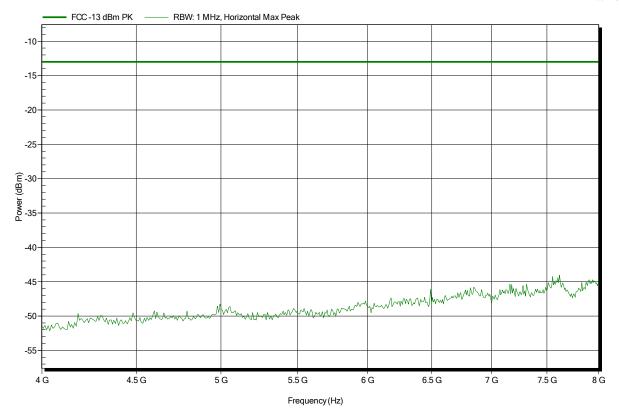
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9400 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

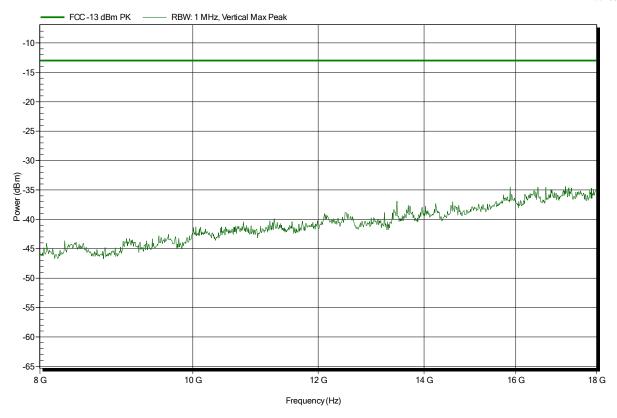
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9400 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

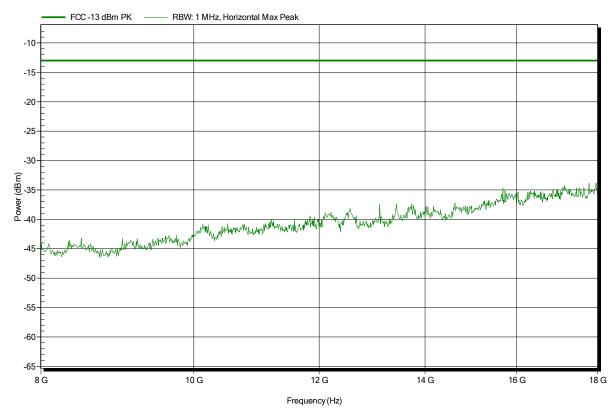
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9400 (RMC / TPC: All 1)

Test Date: 2014-09-24 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

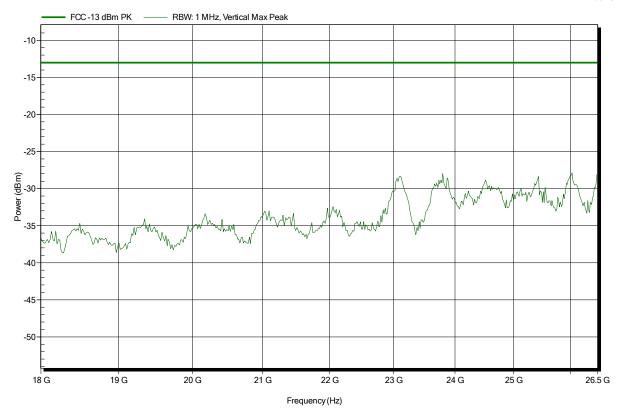
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9400 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

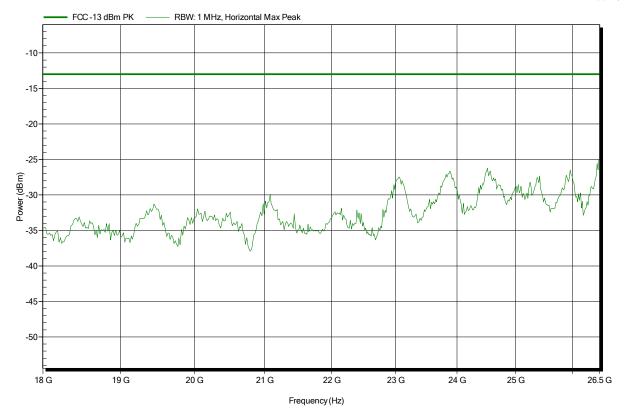
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9400 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

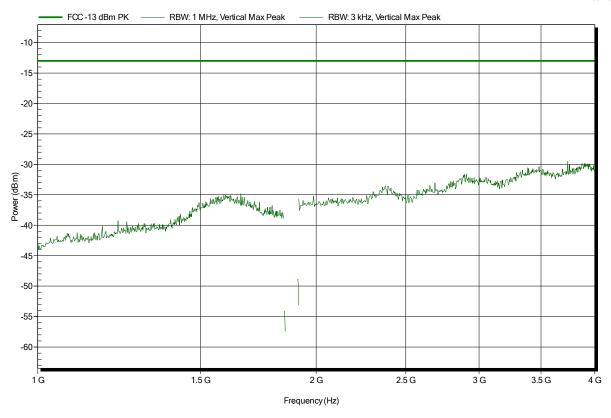
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9537 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

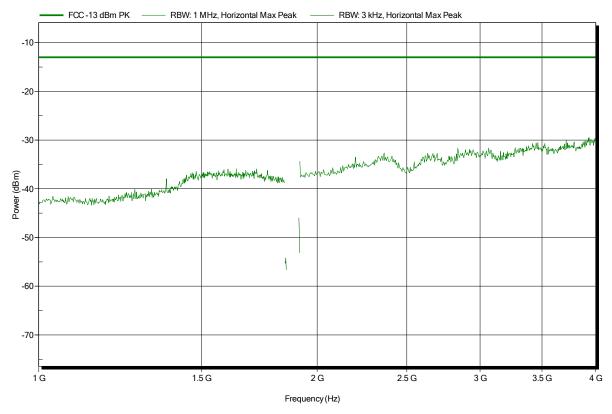
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9537 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

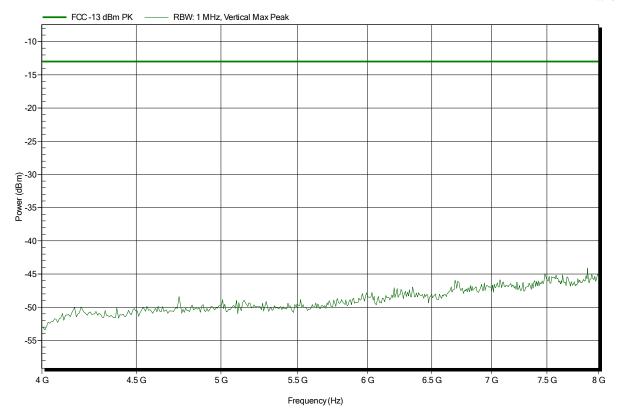
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9537 (RMC / TPC: All 1)

Test Date: 2014-09-24 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

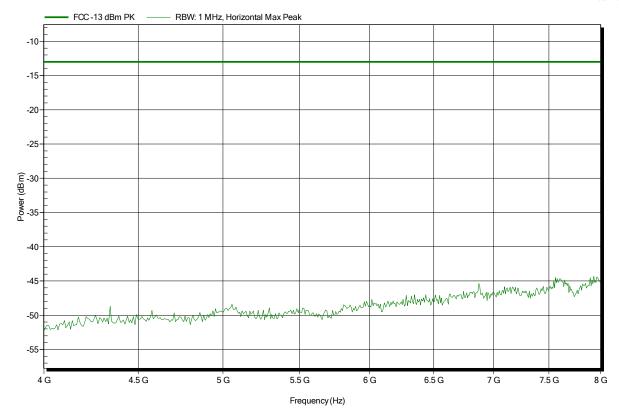
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9537 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

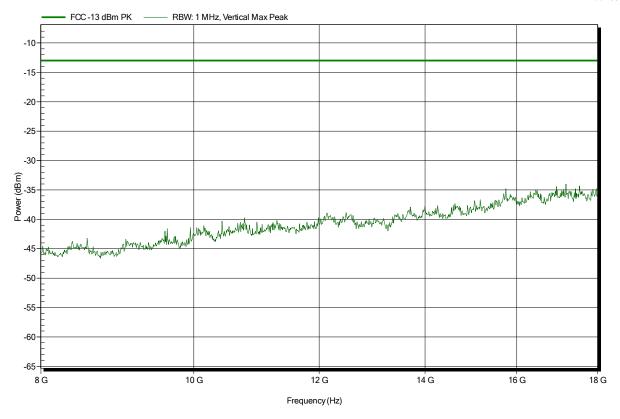
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9537 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

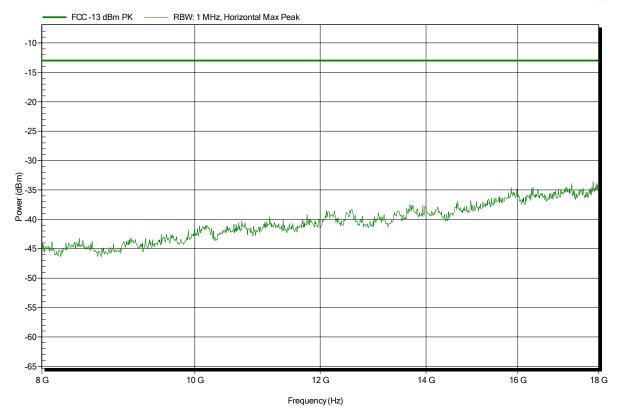
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9537 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

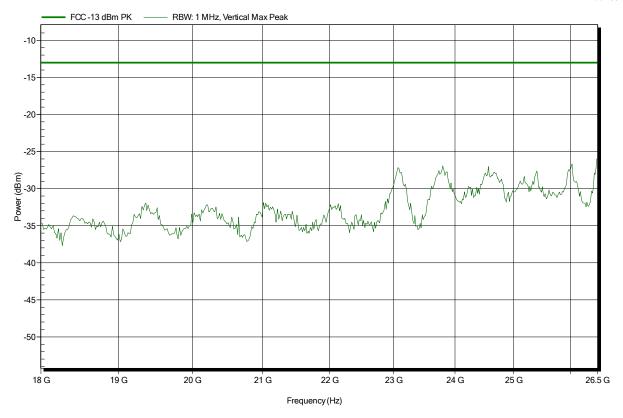
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9537 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

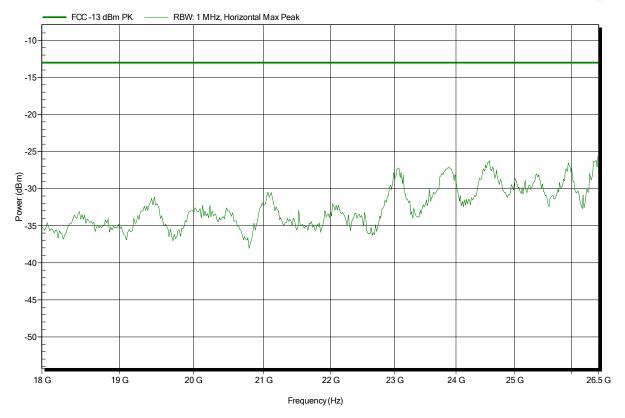
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 9537 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

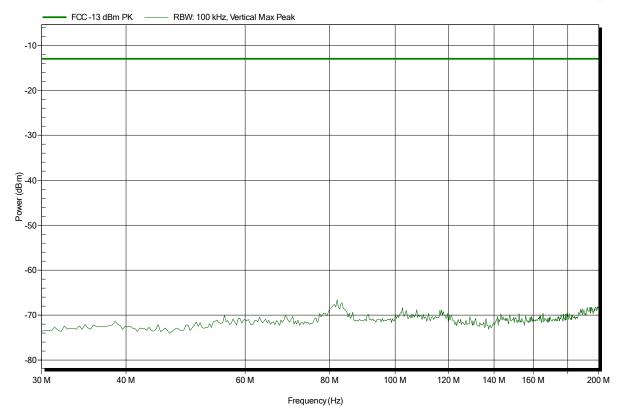
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HK 116, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1513(RMC / TPC: All 1)

Test Date: 2014-09-24

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

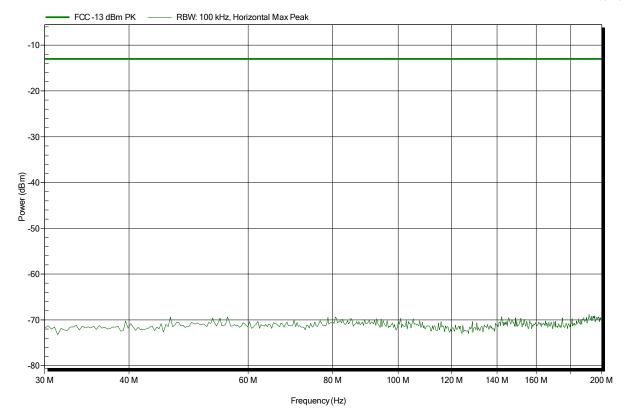
Antenna: Rohde & Schwarz HK 116, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1513(RMC / TPC: All 1)

Test Date: 2014-09-24

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

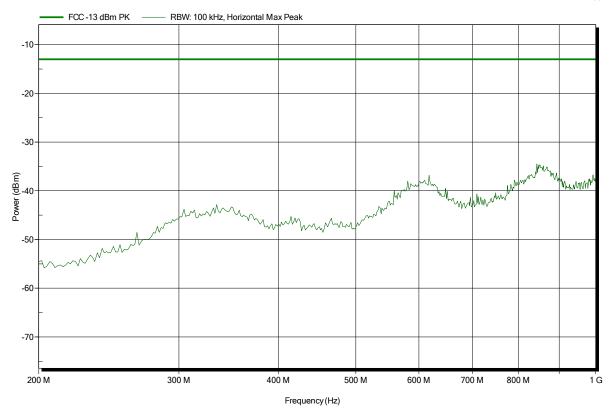
Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1513(RMC / TPC: All 1)

Test Date: 2014-09-24

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

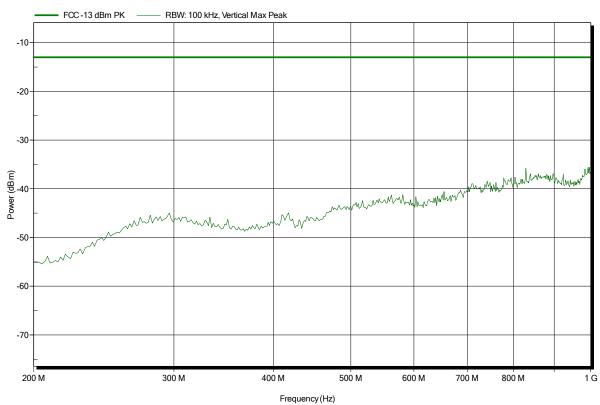
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1513(RMC / TPC: All 1)

Test Date: 2014-09-24

Note: EUT vertical; worst case





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

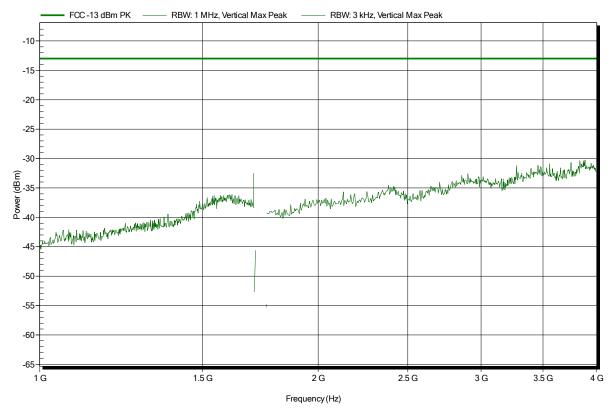
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1312 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

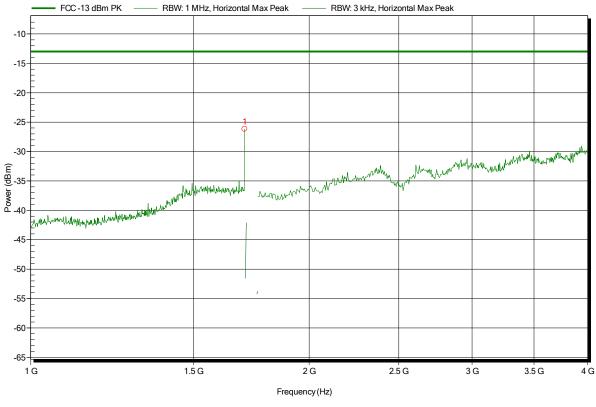
Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1312(RMC / TPC: All 1)

Test Date: 2014-09-24 Note: EUT vertical

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Frequency 1.704 GHz Peak -26.2 dBm Peak Limit -13 dBm Peak Difference -13.17 dB Peak Status Pass



Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

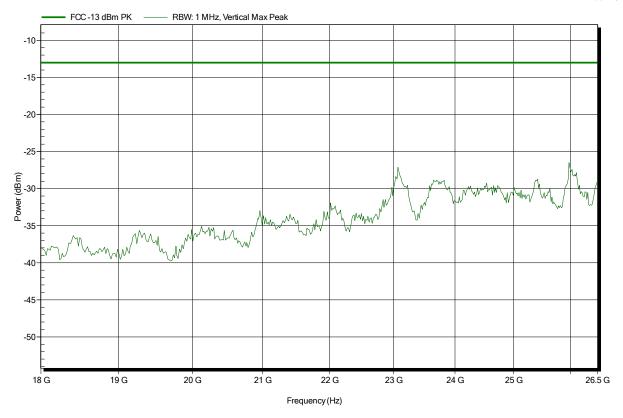
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1312(RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

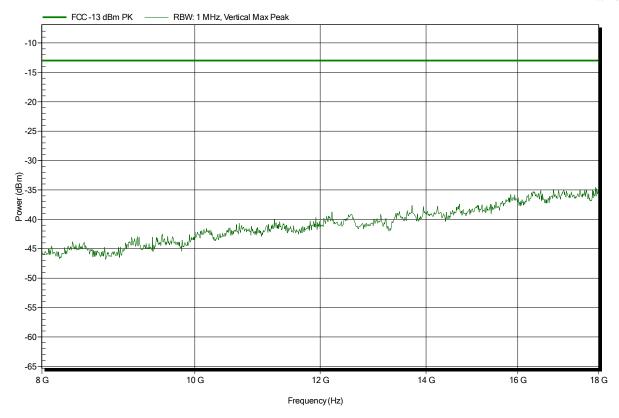
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1312 (RMC / TPC: All 1)

Test Date: 2014-09-24 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

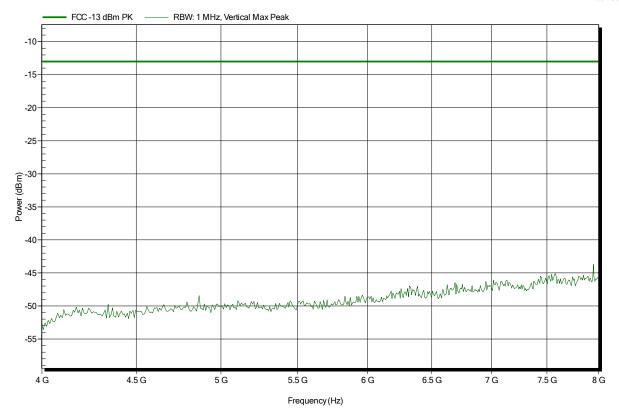
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1312 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

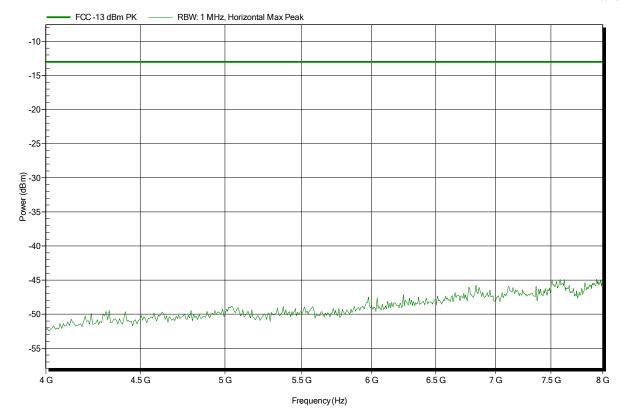
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1312 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

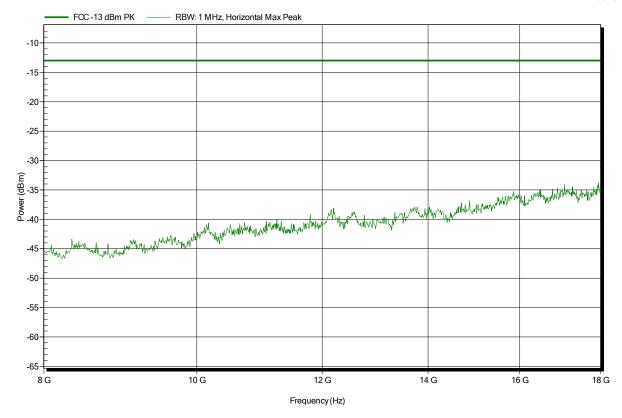
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1312 (RMC / TPC: All 1)

Test Date: 2014-09-24 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

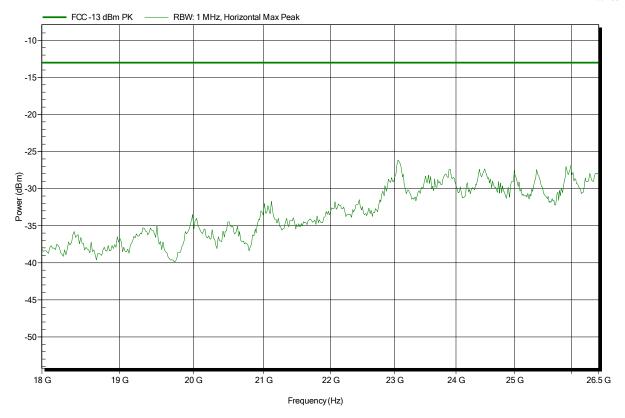
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1312 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

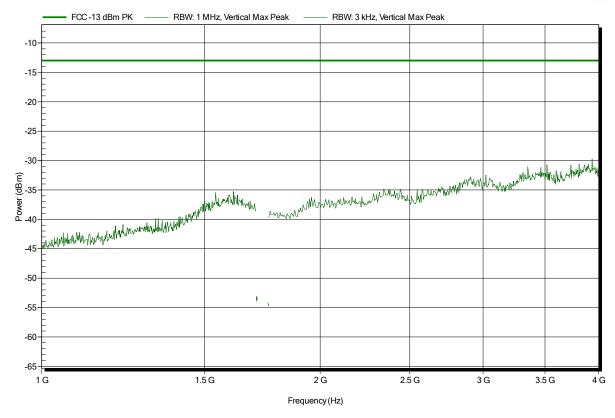
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1450 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

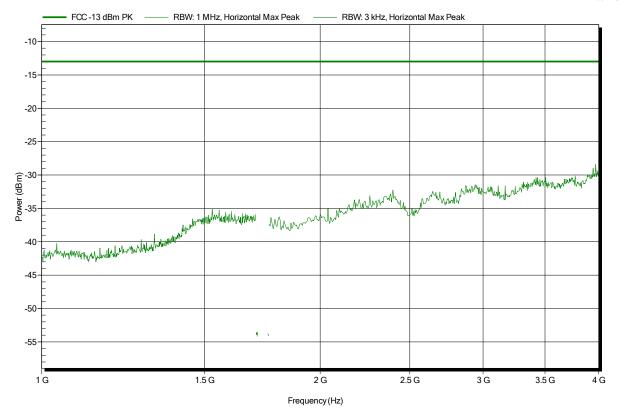
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1450(RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

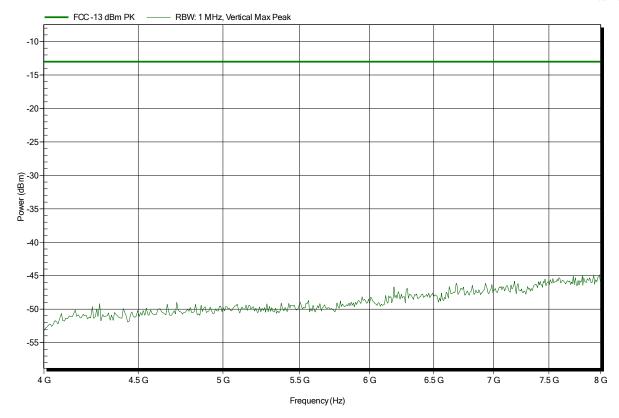
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1450 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

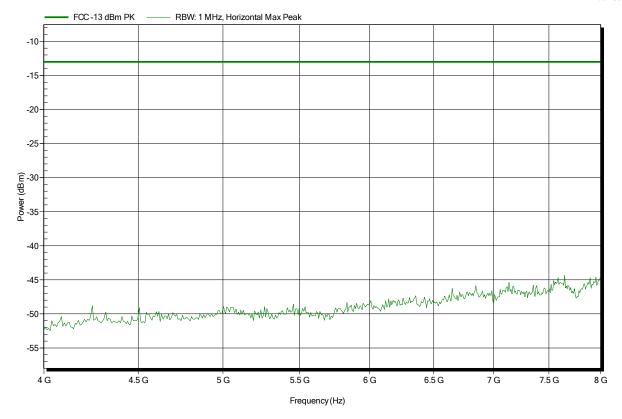
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1450(RMC / TPC: All 1)

Test Date: 2014-09-24 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

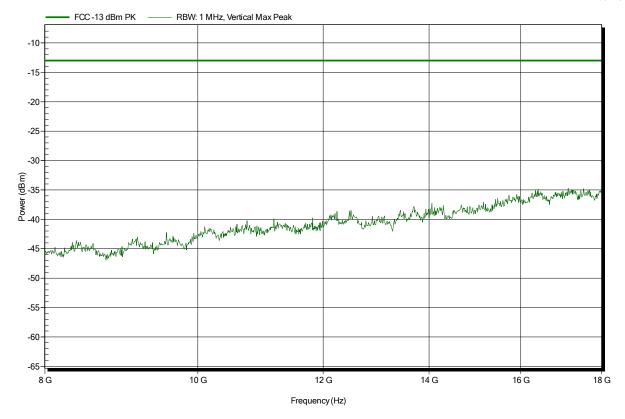
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1450 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

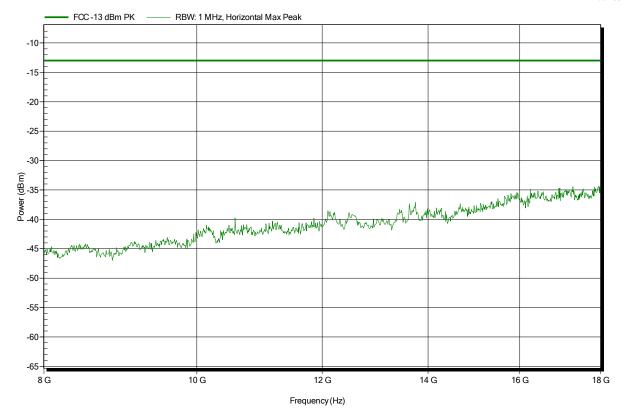
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1450(RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

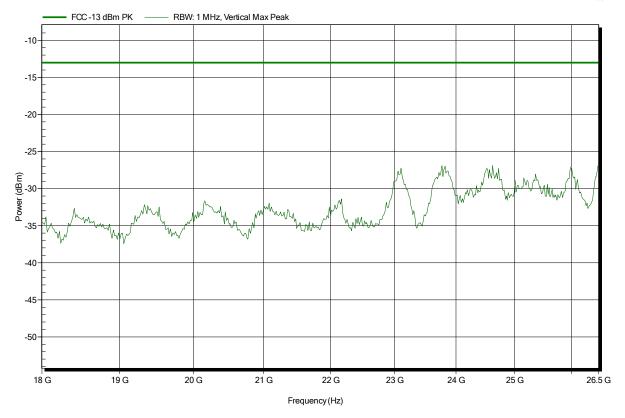
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1450 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

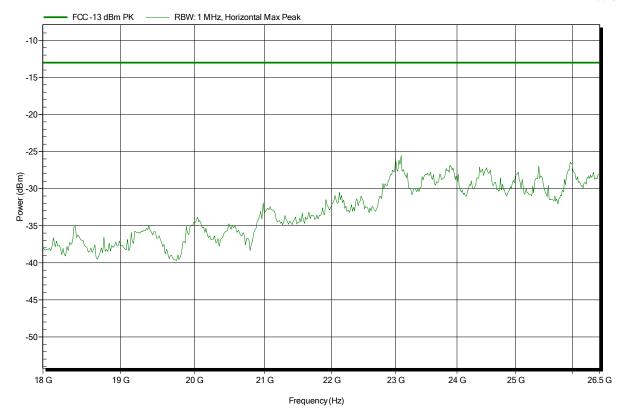
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1450(RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

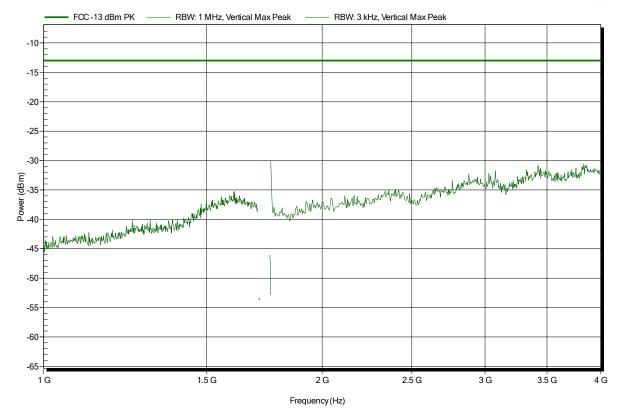
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1513 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

BARTEC PIXAVI AS Applicant:

EUT Name: Smartphone Model: **ImpactX**

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

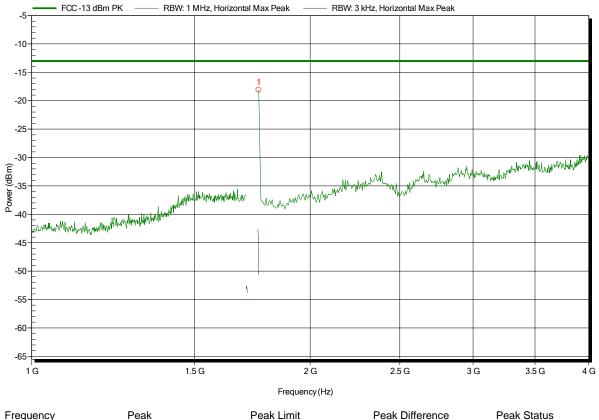
Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance:

Mode: TX; WCDMA FDD IV, Ch.: 1513(RMC / TPC: All 1)

Test Date: 2014-09-24 Note: **EUT** vertical

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1.76 GHz

Peak -18.1 dBm Peak Limit -13 dBm

Peak Difference -5.1 dB

Peak Status Pass



Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

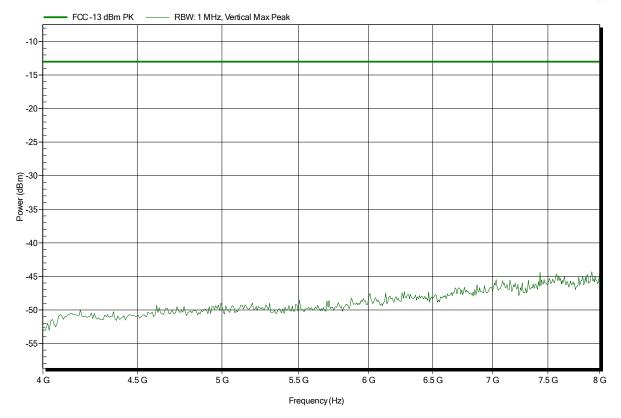
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1513 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

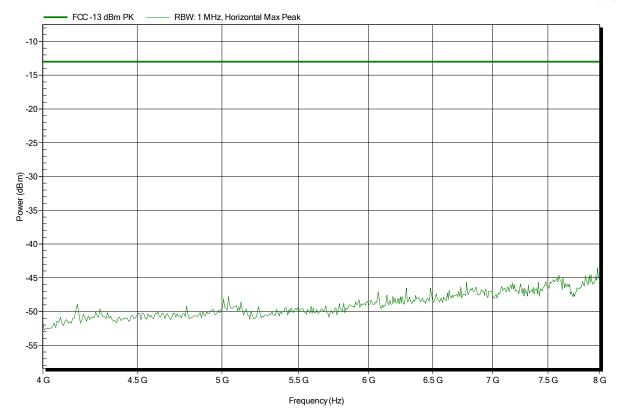
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1513(RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

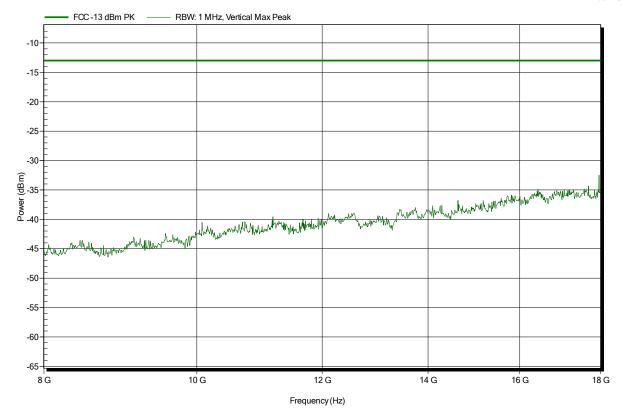
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1513 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

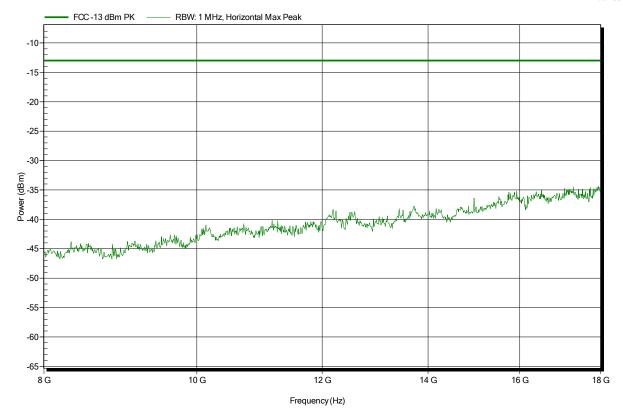
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1513(RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

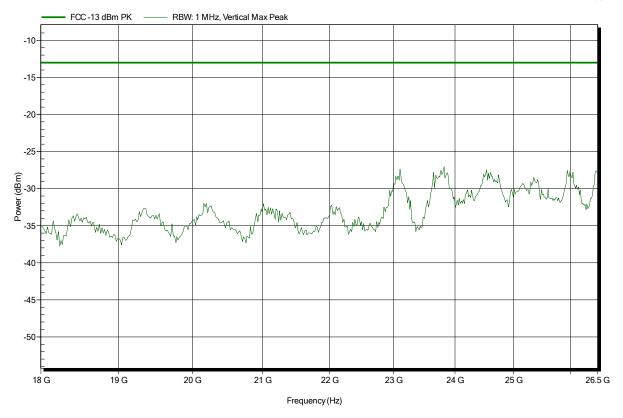
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1513 (RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

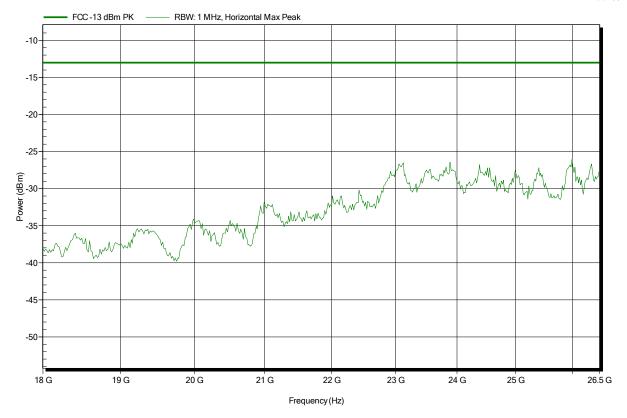
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD IV, Ch.: 1513(RMC / TPC: All 1)

Test Date: 2014-09-24
Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

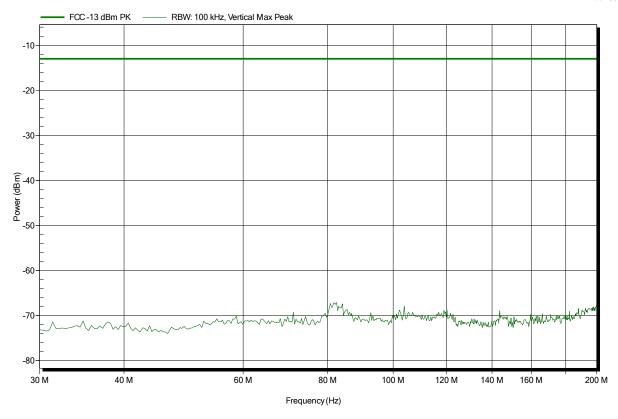
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HK 116, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4132 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

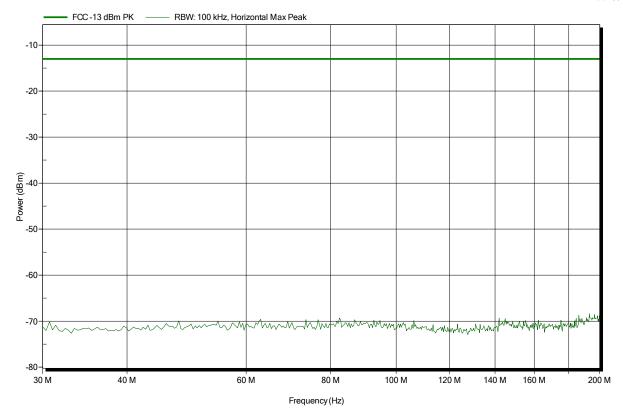
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HK 116, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4132 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

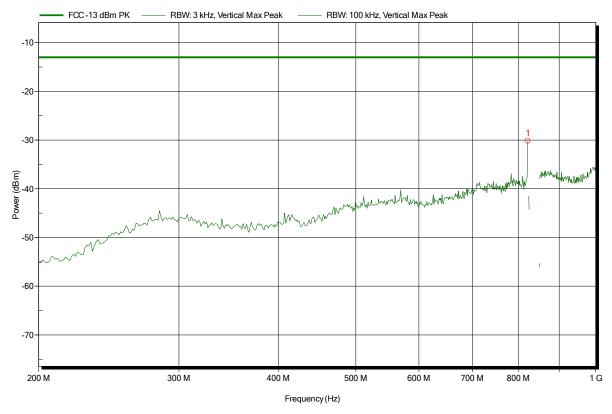
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4132 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical

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Frequency 821.754 MHz Peak -30.2 dBm Peak Limit -13 dBm Peak Difference -17.19 dB Peak Status Pass

Frequency 821.754 MHz



Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

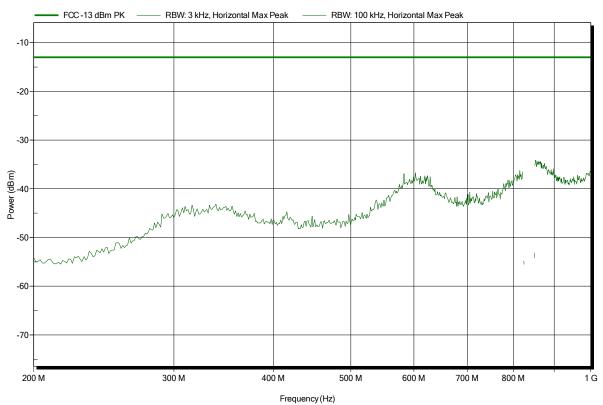
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4132 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

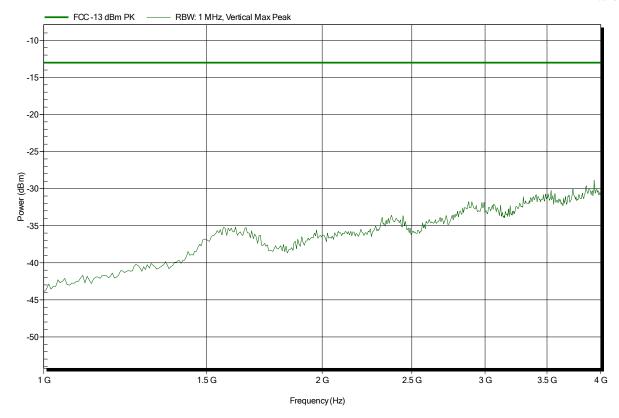
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4132 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

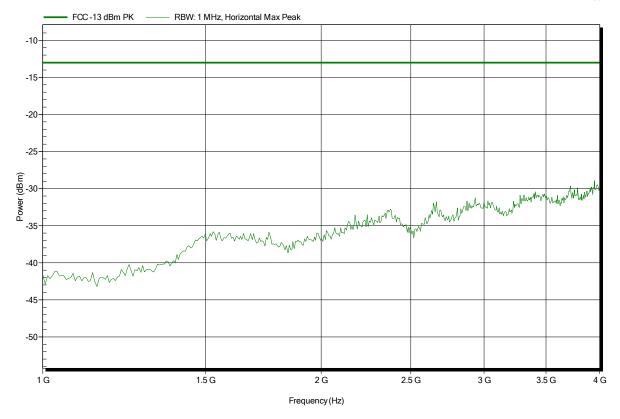
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4132 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

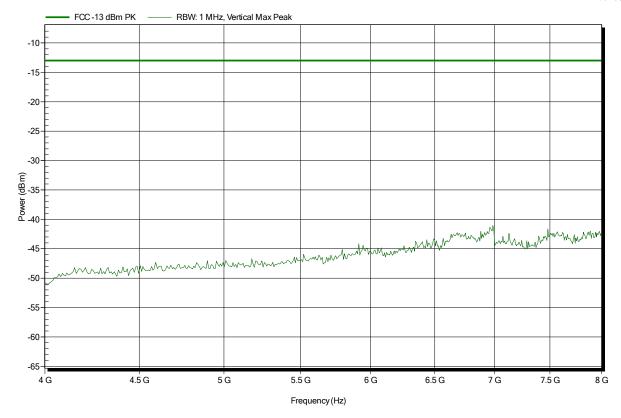
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4132 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

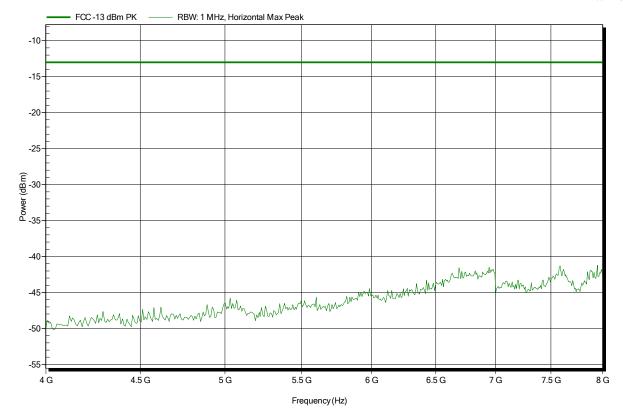
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4132 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

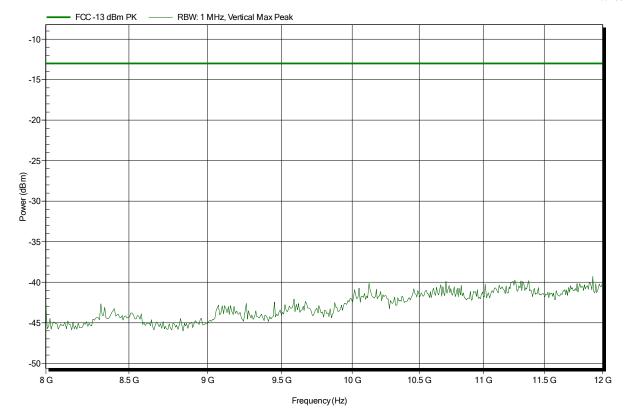
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4132 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

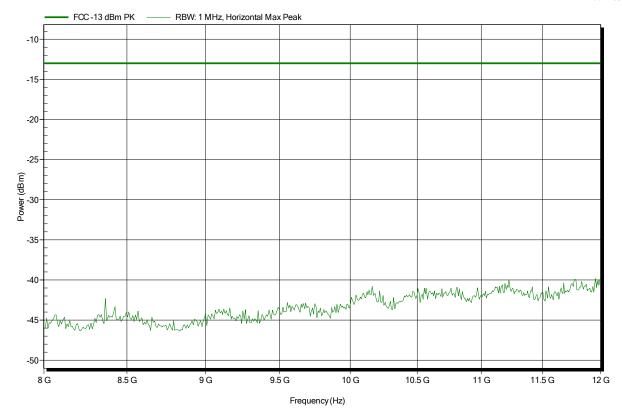
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4132 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

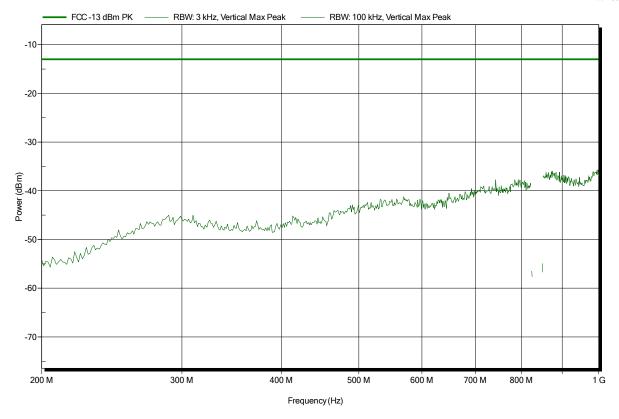
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4175 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

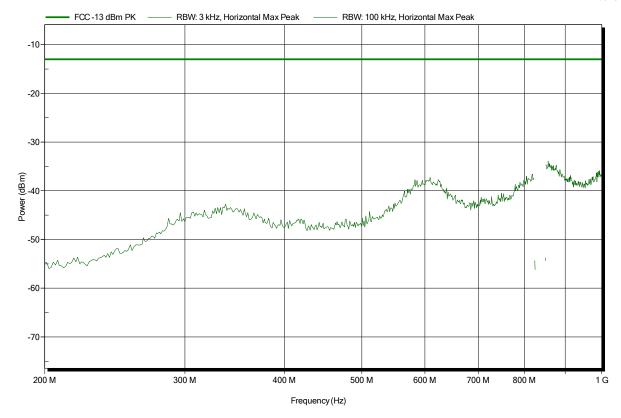
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4175 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

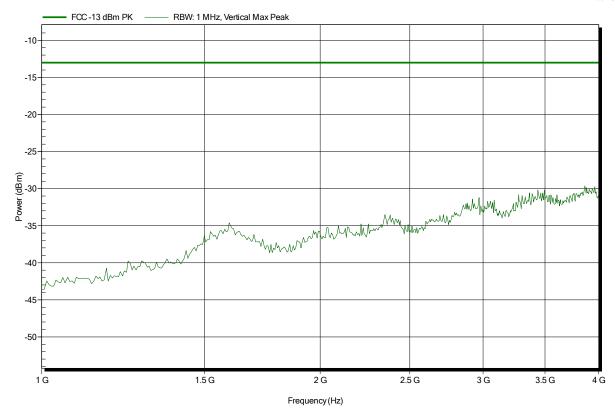
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4175 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

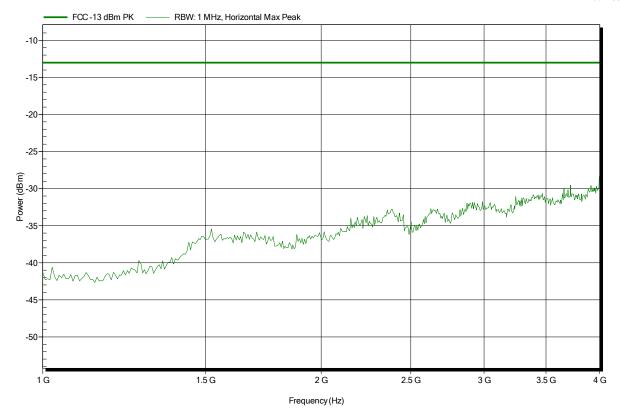
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4175 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

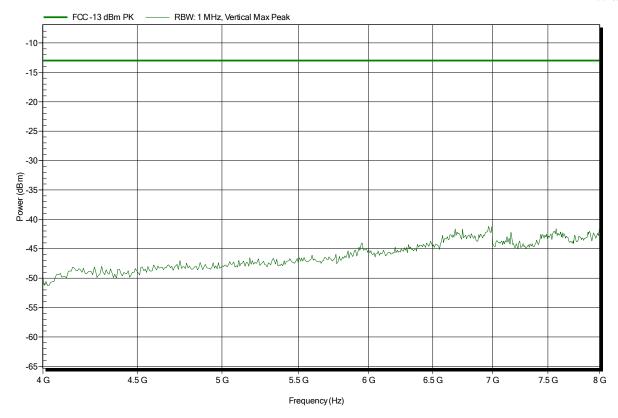
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4175 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

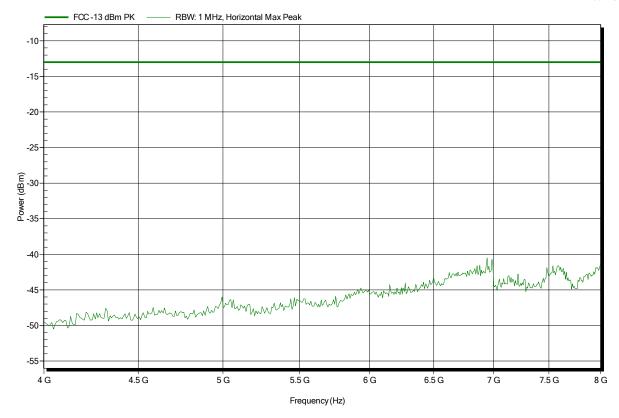
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4175 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

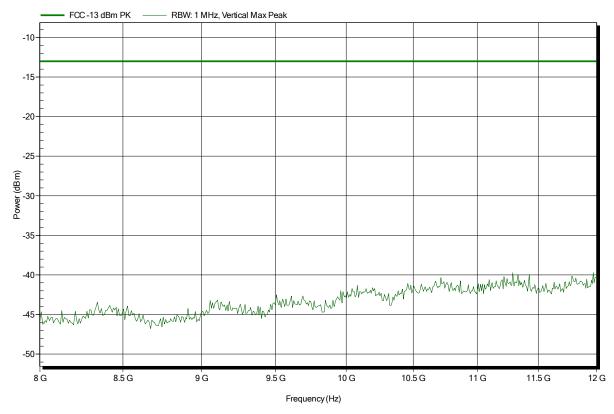
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4175(RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

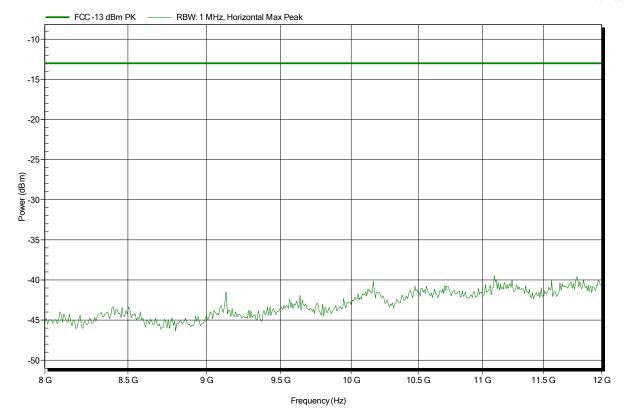
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4175 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

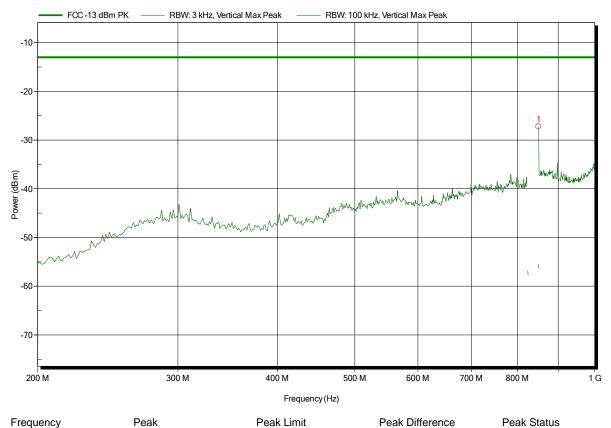
850 MHz

Mode: TX; WCDMA FDD II, Ch.: 4232 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical

-27.2 dBm

Index 90



-13 dBm

-14.24 dB

Pass



Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

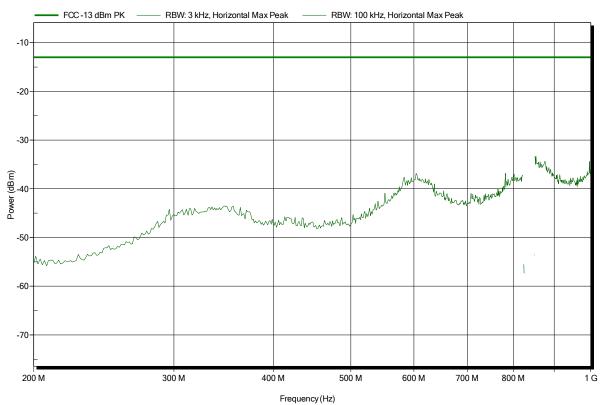
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4233 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

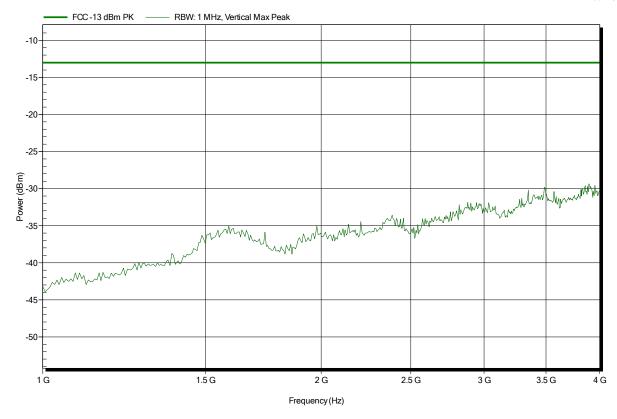
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4233 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

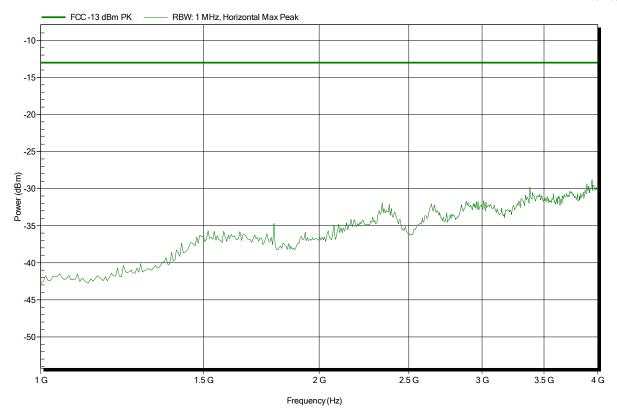
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4233 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

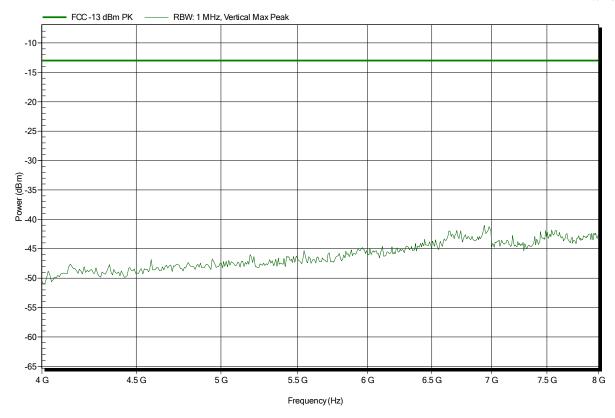
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4233 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

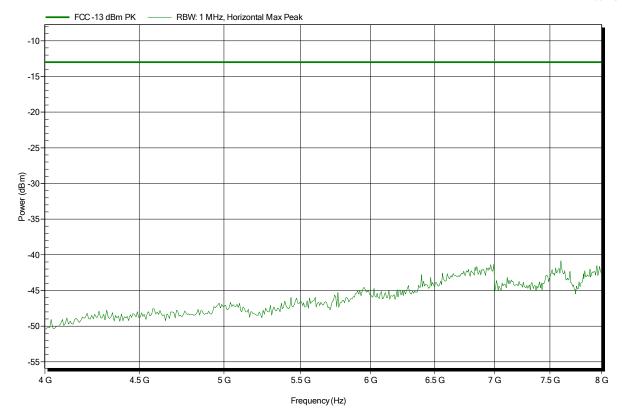
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4233 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

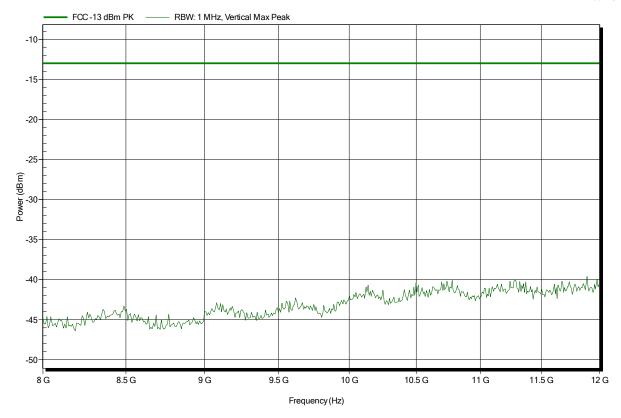
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4233 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

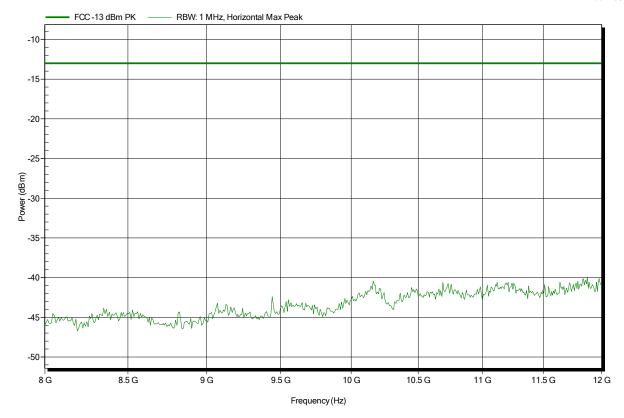
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: TX; WCDMA FDD II, Ch.: 4233 (RMC / TPC: All 1)

Test Date: 2014-09-25 Note: EUT vertical





ANNEX B Receiver radiated spurious emissions

Spurious emissions according to IC RSS-Gen

Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

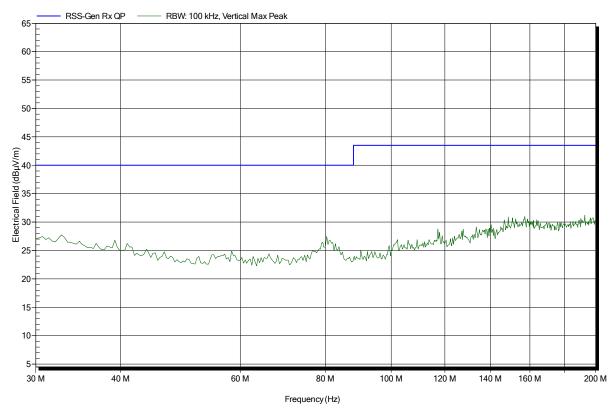
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HK 116, Vertical

Measurement distance: 3 m

Mode: RX; GSM850, Ch. 188

Test Date: 2014-09-23 Note: EUT horizontal





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

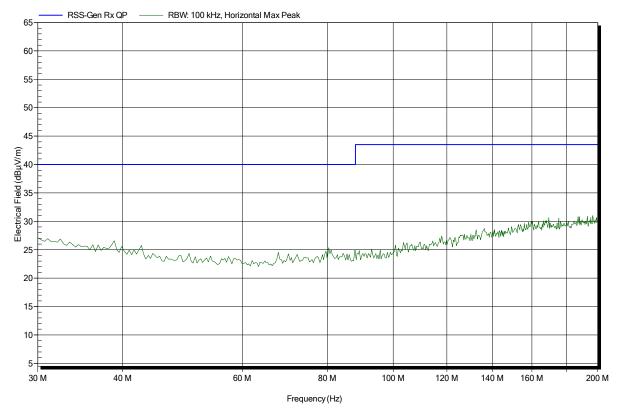
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HK 116, Horizontal

Measurement distance: 3 m

Mode: RX; GSM850, Ch. 188

Test Date: 2014-09-23 Note: EUT horizontal





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

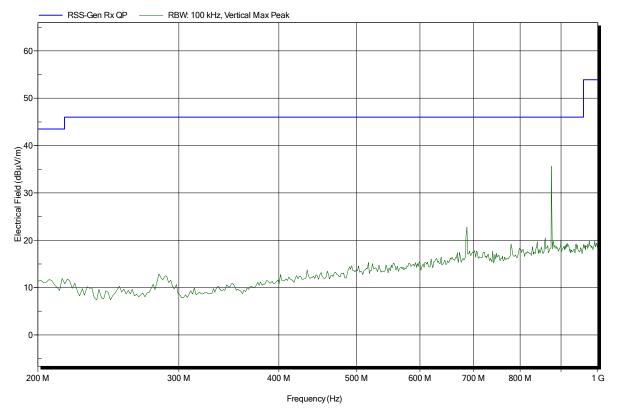
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

Mode: RX; GSM850, Ch. 188

Test Date: 2014-09-23 Note: EUT horizontal





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

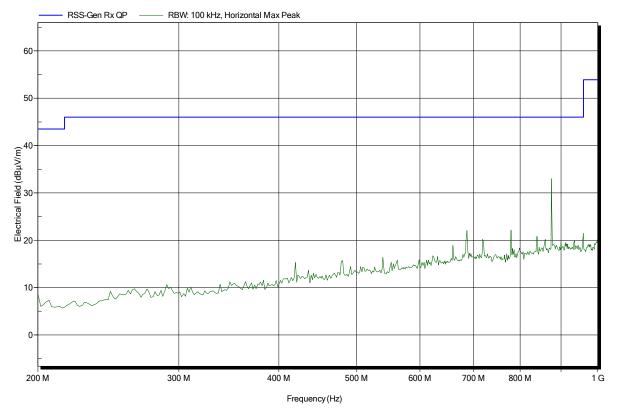
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

Mode: RX; GSM850, Ch. 188

Test Date: 2014-09-23 Note: EUT horizontal





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

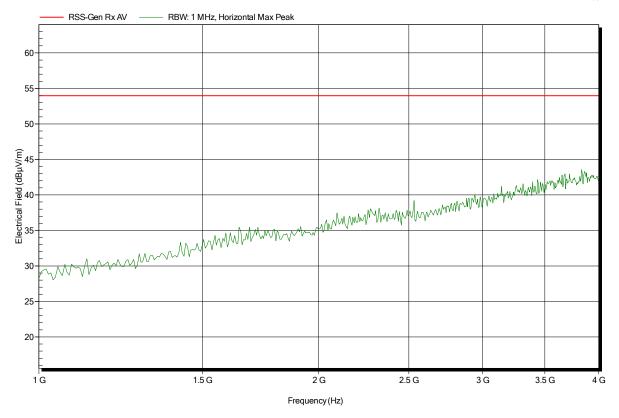
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: RX; GSM850, Ch. 188

Test Date: 2014-09-23 Note: EUT horizontal





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

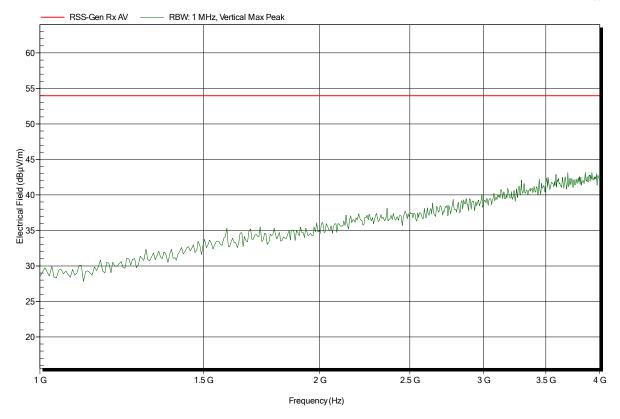
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: RX; GSM850, Ch. 188

Test Date: 2014-09-23 Note: EUT horizontal





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

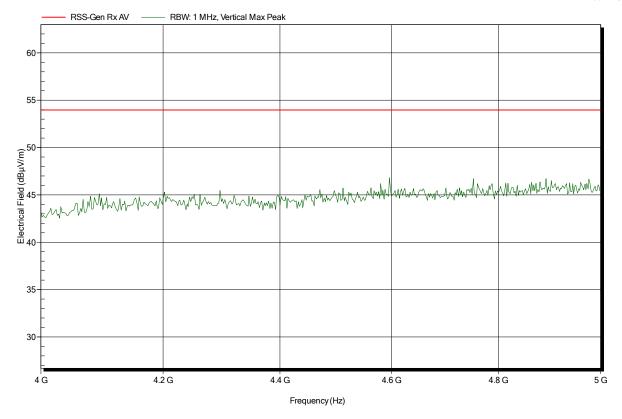
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: RX; GSM850, Ch. 188

Test Date: 2014-09-23 Note: EUT horizontal





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

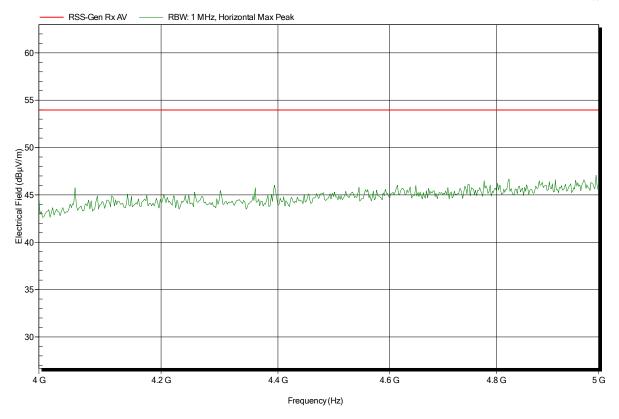
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: RX; GSM850, Ch. 188

Test Date: 2014-09-23 Note: EUT horizontal





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

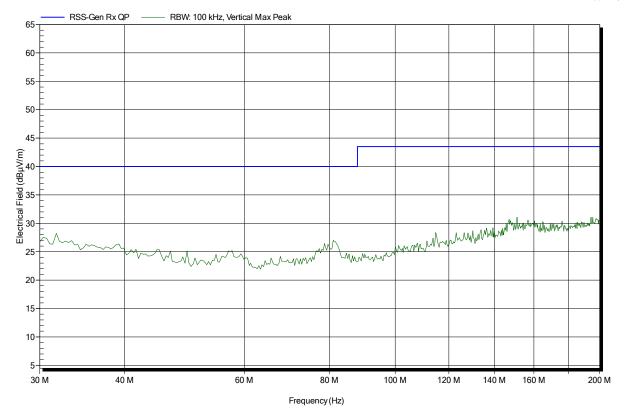
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HK 116, Vertical

Measurement distance: 3 m

Mode: RX; GSM1900, Ch. 661

Test Date: 2014-09-23 Note: EUT horizontal





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

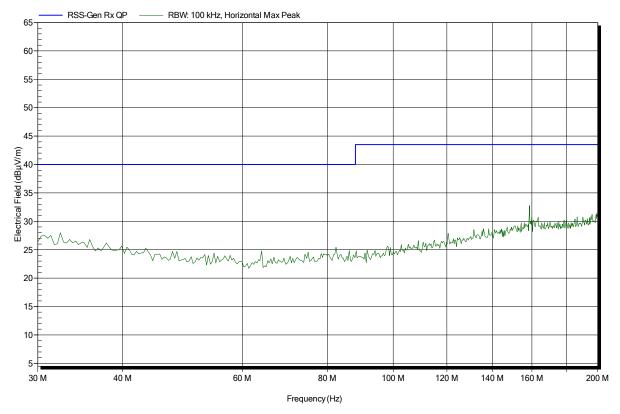
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HK 116, Horizontal

Measurement distance: 3 m

Mode: RX; GSM1900, Ch. 661

Test Date: 2014-09-23 Note: EUT horizontal





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

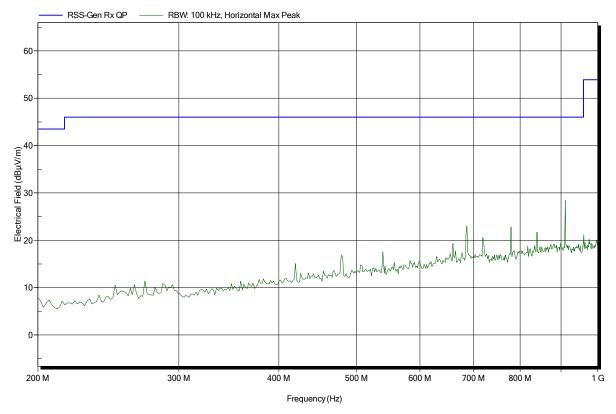
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

Mode: RX; GSM1900, Ch. 661

Test Date: 2014-09-23 Note: EUT horizontal





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

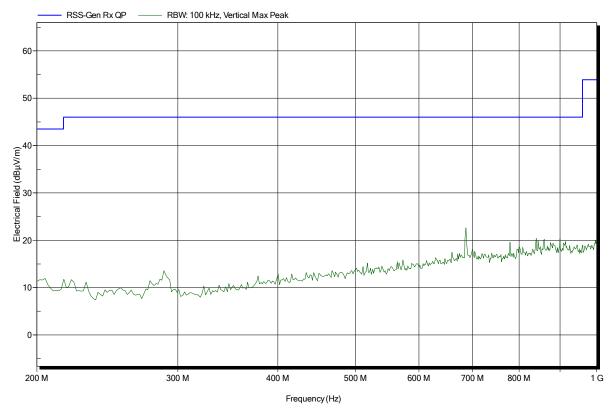
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

Mode: RX; GSM1900, Ch. 661

Test Date: 2014-09-23 Note: EUT horizontal





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

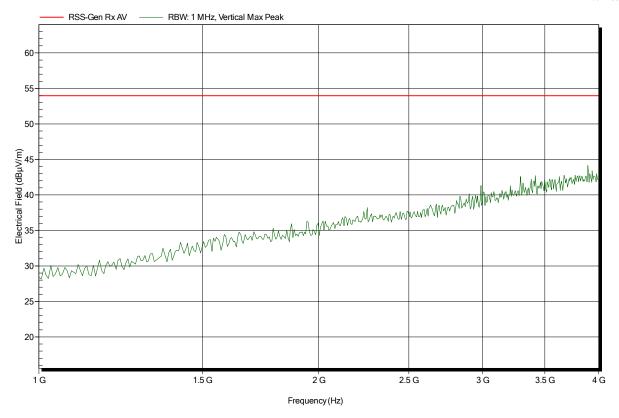
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: RX; GSM1900, Ch. 661

Test Date: 2014-09-23 Note: EUT horizontal





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

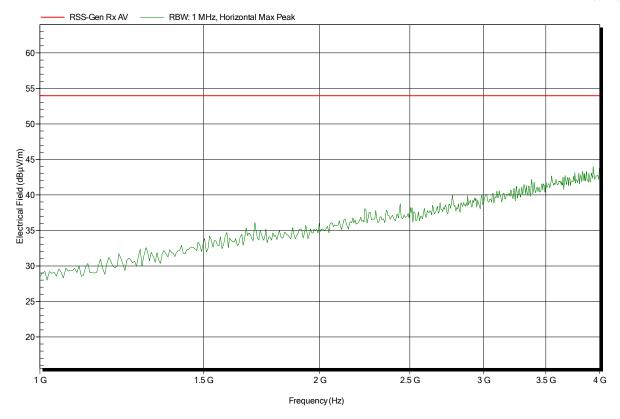
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: RX; GSM1900, Ch. 661

Test Date: 2014-09-23 Note: EUT horizontal





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

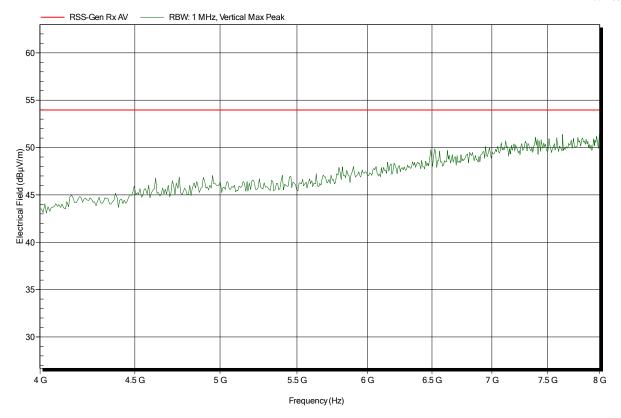
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: RX; GSM1900, Ch. 661

Test Date: 2014-09-23 Note: EUT horizontal





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

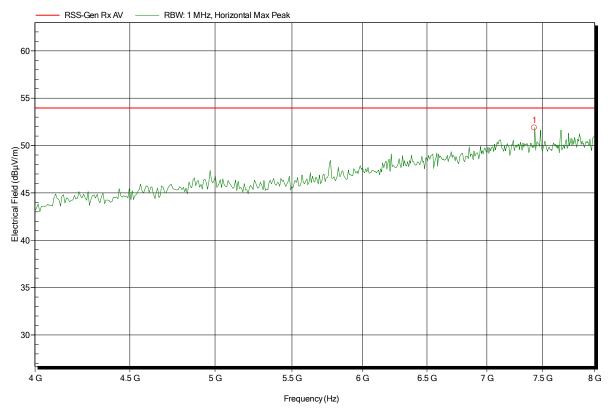
Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: RX; GSM1900, Ch. 661

Test Date: 2014-09-23 Note: EUT horizontal

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Frequency 7.424 GHz Peak 51.89 dBµV/m Peak Limit 53.98 dBµV/m Peak Difference -2.09 dB Peak Status Pass

Frequency 7.424 GHz



Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

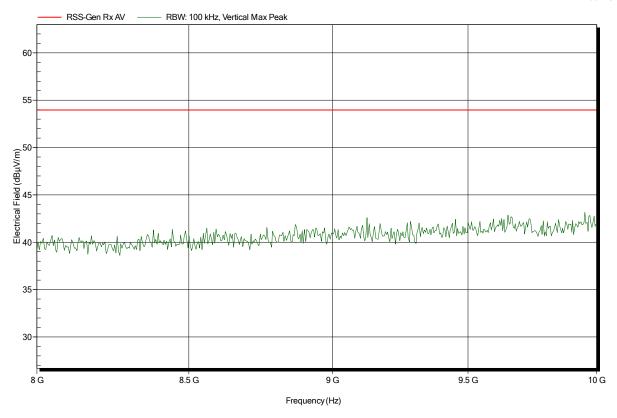
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: RX; GSM1900, Ch. 661

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

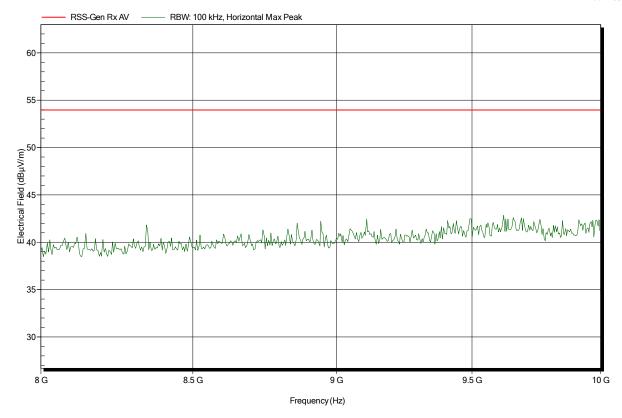
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: RX; GSM1900, Ch. 661

Test Date: 2014-09-23 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

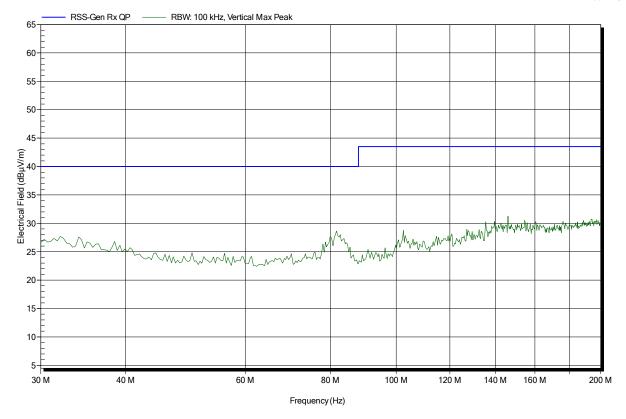
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HK 116, Vertical

Measurement distance: 3 m

Mode: RX; WCDMA FDD V, Ch.: 4175

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

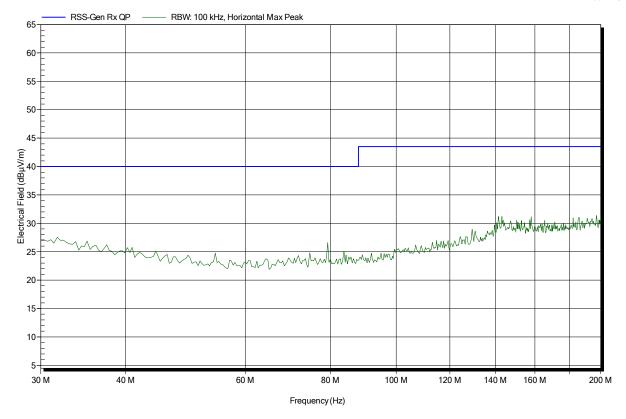
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HK 116, Horizontal

Measurement distance: 3 m

Mode: RX; WCDMA FDD V, Ch.: 4175

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

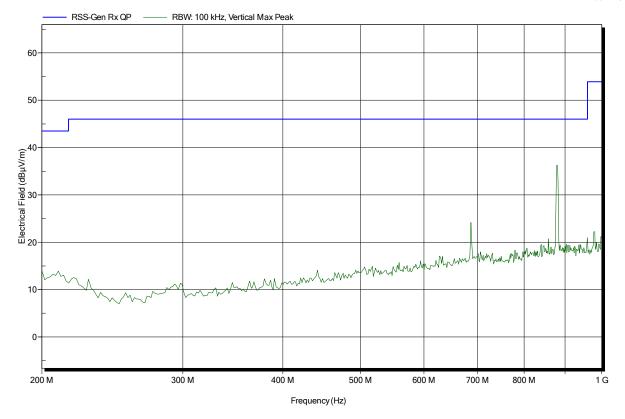
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

Mode: RX; WCDMA FDD V, Ch.: 4175

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

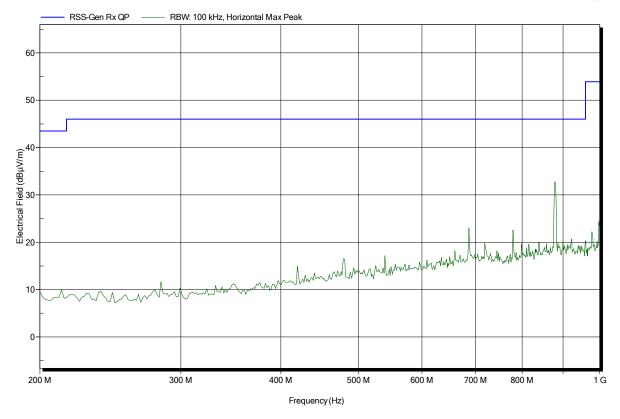
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

Mode: RX; WCDMA FDD V, Ch.: 4175

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

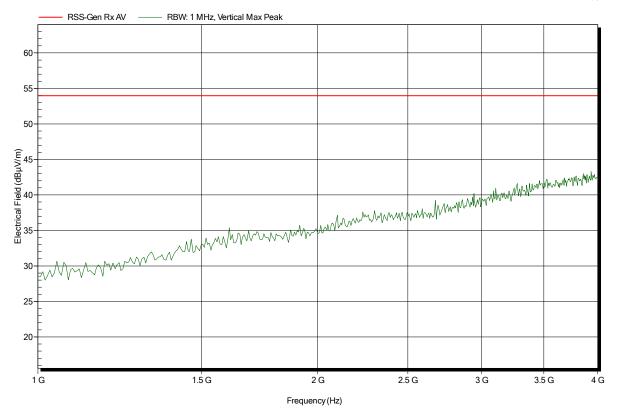
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: RX; WCDMA FDD V, Ch.: 4175

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

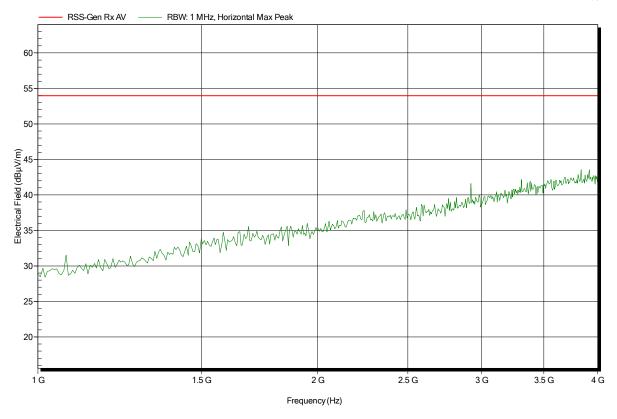
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: RX; WCDMA FDD V, Ch.: 4175

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

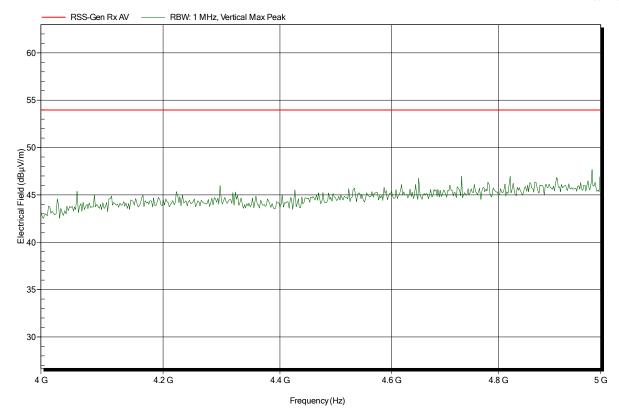
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: RX; WCDMA FDD V, Ch.: 4175

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

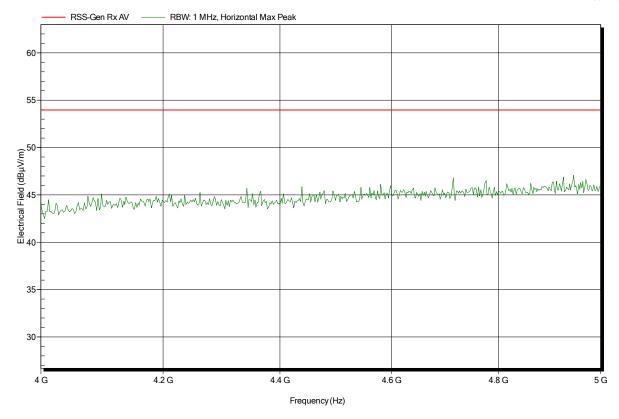
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: RX; WCDMA FDD V, Ch.: 4175

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

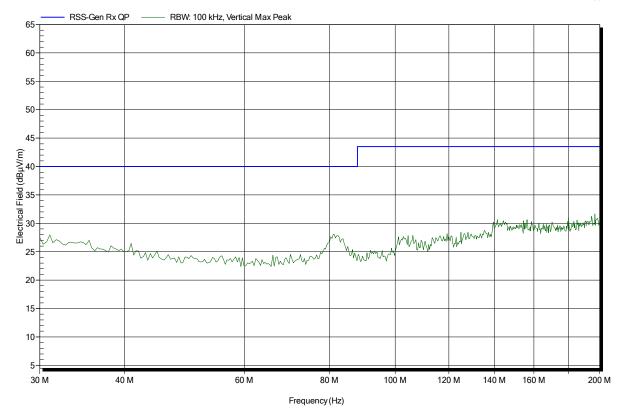
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HK 116, Vertical

Measurement distance: 3 m

Mode: RX; WCDMA FDD II, Ch.: 9400

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

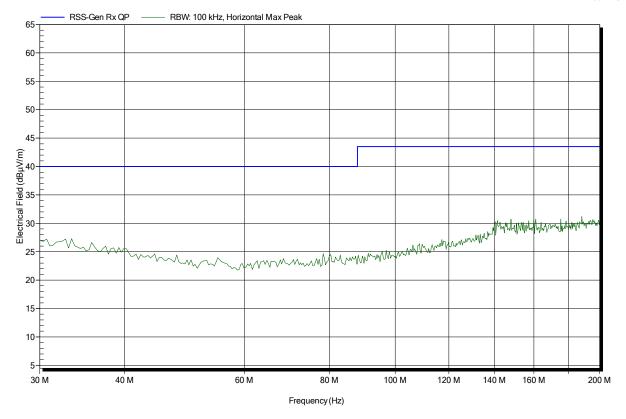
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HK 116, Horizontal

Measurement distance: 3 m

Mode: RX; WCDMA FDD II, Ch.: 9400

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

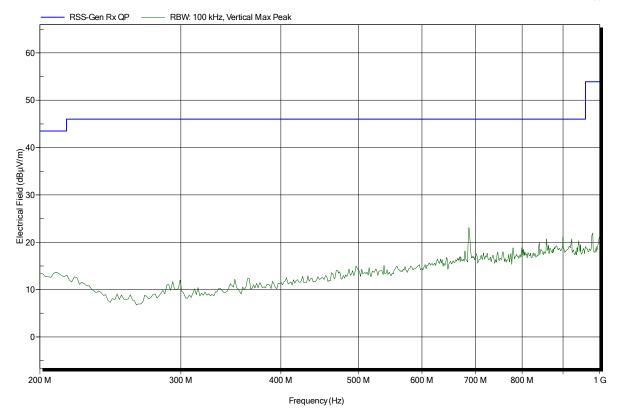
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

Mode: RX; WCDMA FDD II, Ch.: 9400

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

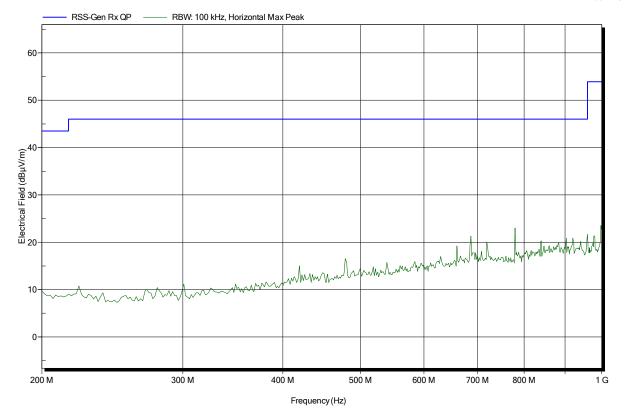
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

Mode: RX; WCDMA FDD II, Ch.: 9400

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

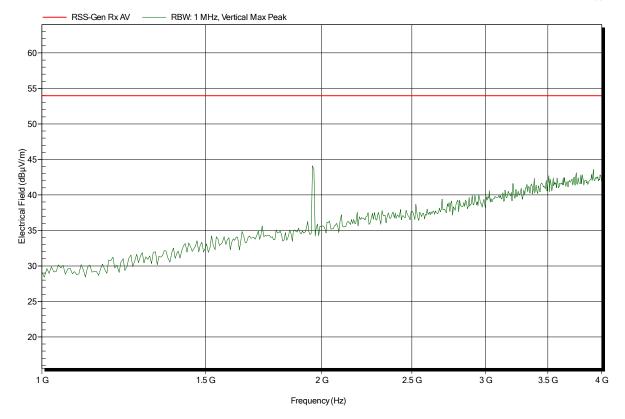
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: RX; WCDMA FDD II, Ch.: 9400

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

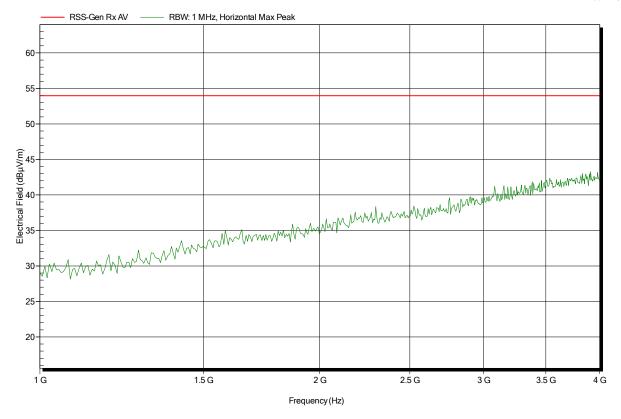
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: RX; WCDMA FDD II, Ch.: 9400

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

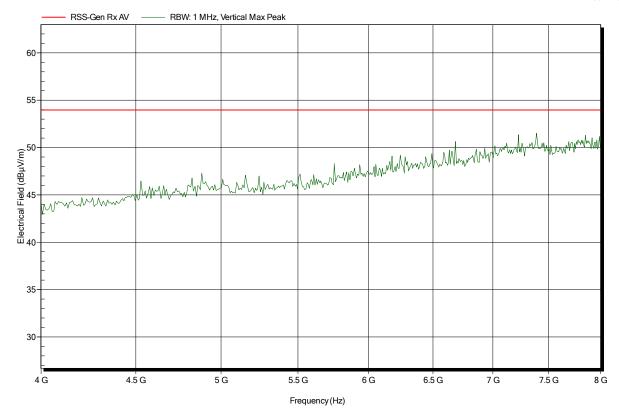
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: RX; WCDMA FDD II, Ch.: 9400

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

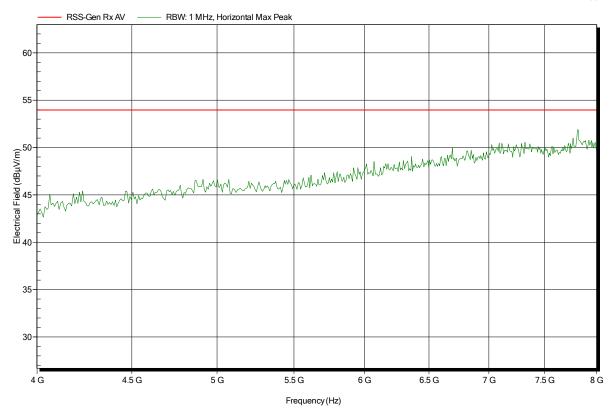
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: RX; WCDMA FDD II, Ch.: 9400

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

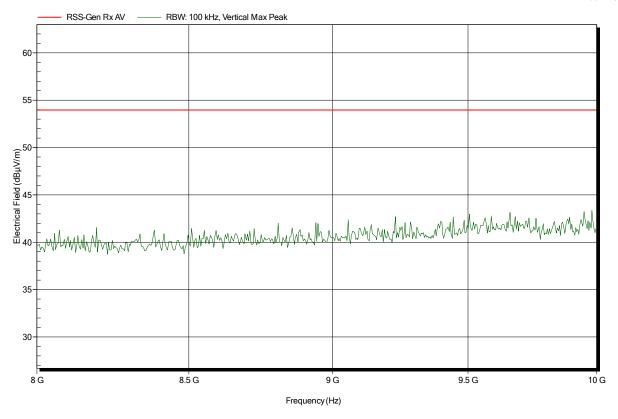
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: RX; WCDMA FDD II, Ch.: 9400

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

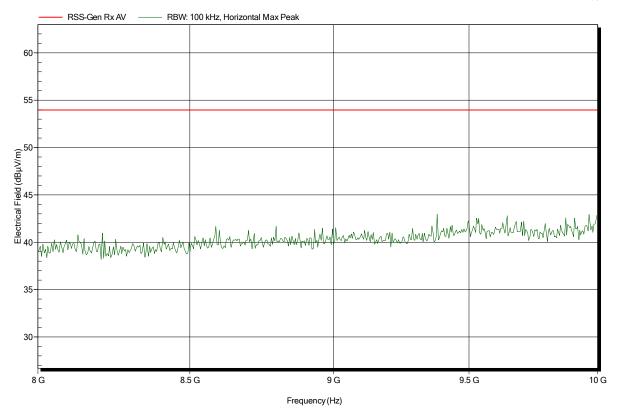
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: RX; WCDMA FDD II, Ch.: 9400

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

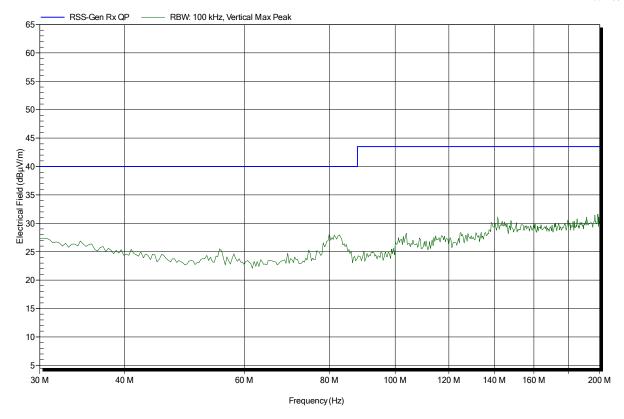
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HK 116, Vertical

Measurement distance: 3 m

Mode: RX; WCDMA FDD IV, Ch.: 1450

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

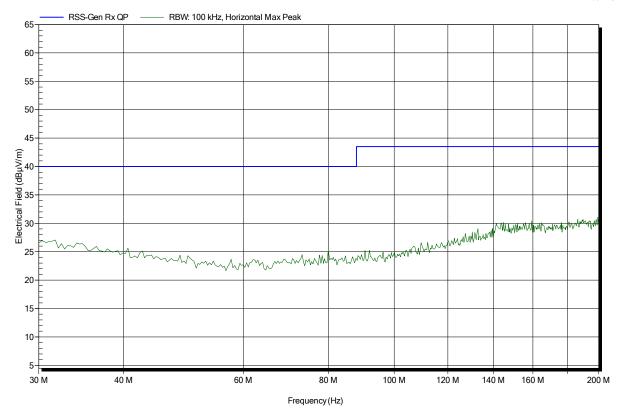
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HK 116, Horizontal

Measurement distance: 3 m

Mode: RX; WCDMA FDD IV, Ch.: 1450

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

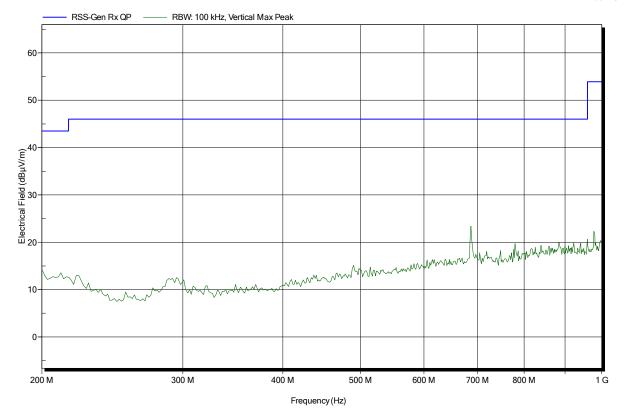
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC
Antenna: Rohde & Schwarz HL 223, Vertical

Measurement distance: 3 m

Mode: RX; WCDMA FDD IV, Ch.: 1450

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

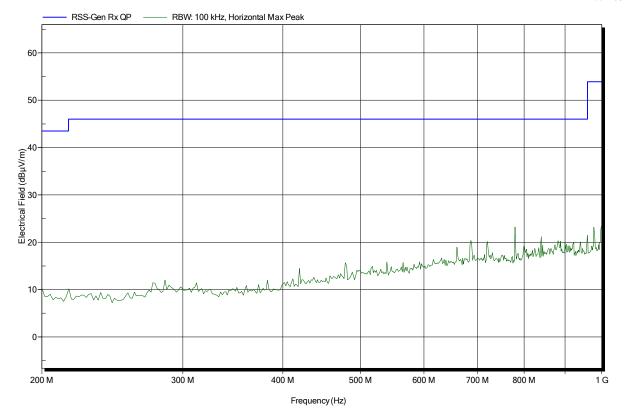
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 223, Horizontal

Measurement distance: 3 m

Mode: RX; WCDMA FDD IV, Ch.: 1450

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

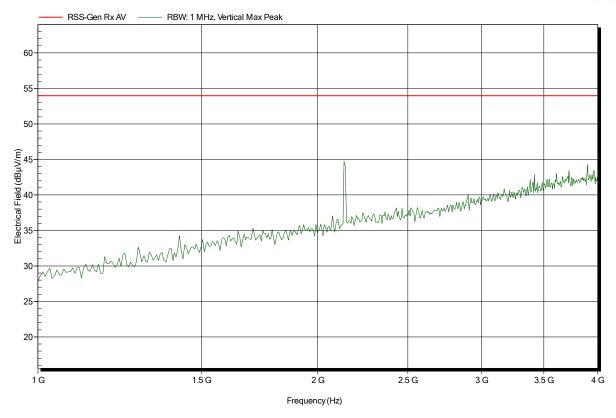
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: RX; WCDMA FDD IV, Ch.: 1450

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

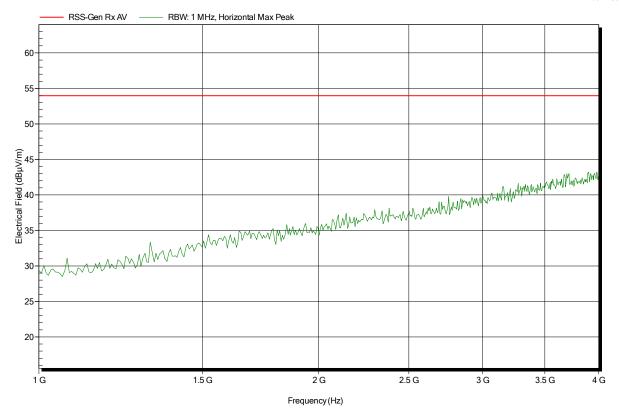
Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: RX; WCDMA FDD IV, Ch.: 1450

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

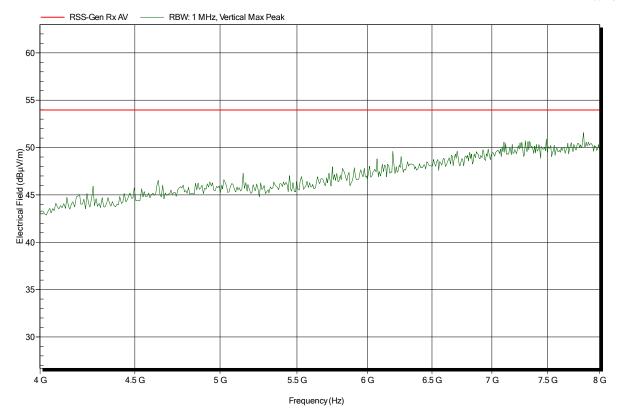
Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC Antenna: Rohde & Schwarz HL 025, Vertical

Measurement distance: 3 m

Mode: RX; WCDMA FDD IV, Ch.: 1450

Test Date: 2014-09-25 Note: EUT vertical





Project number: G0M-1407-3973

Applicant: BARTEC PIXAVI AS

EUT Name: Smartphone Model: ImpactX

Test Site: Eurofins Product Service GmbH

Operator: Mr. Handrik

Test Conditions: Tnom: 24°C, Vnom: 3.7 V DC

Antenna: Rohde & Schwarz HL 025, Horizontal

Measurement distance: 3 m

Mode: RX; WCDMA FDD IV, Ch.: 1450

Test Date: 2014-09-25 Note: EUT vertical

