



InterLab[®]

Final Report on
CDMA KY011 (H32)
FCCID:JOYKY011

Report Reference: ODE_MJP_KYOCE_1207_FCCa
According to
Title 47 CFR chapter I part 15 subpart C

Date: May 31, 2012

Test Laboratory:

7Layers AG
Borsigstr. 11
40880 Ratingen
Germany



Note:
The following test results relate only to the devices specified in this document. This report shall not be reproduced in parts without the written approval of the test laboratory.

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Ralf Mertens
Vorstand • Board:
Dr. H.-J. Meckelburg

Registergericht • registered in:
Düsseldorf, HRB 44096
USt-IdNr • VAT No.:
DE 203159652
TAX No. 147/5869/0385



1 Administrative Data

1.1 Project Data

Project Responsible: Patrick Lomax
Date Of Test Report: 2012/05/31
Date of first test: 2012/05/21
Date of last test: 2012/05/31

1.2 Applicant Data

Company Name: Kyocera Corporation
Street: 2-1-1 Kagahara, Tsuzuki-ku
City: Yokohama-shi 224-8502
Country: Japan
Contact Person: Mr. Yoshikazu Yamamoto
Phone: +81-45-943-6253
Fax: -81-45-943-6314
E-Mail: yoshikazu.yamamoto.ke@kyocera.jp

1.3 Test Laboratory Data

The following list shows all places and laboratories involved for test result generation:

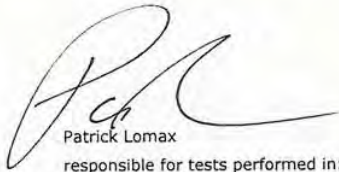
7 layers DE

Company Name : 7 layers AG
Street : Borsigstrasse 11
City : 40880 Ratingen
Country : Germany
Contact Person : Mr. Michael Albert
Phone : +49 2102 749 201
Fax : +49 2102 749 444
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Laboratory Details

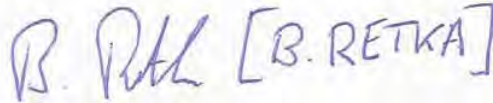
<i>Lab ID</i>	<i>Identification</i>	<i>Responsible</i>	<i>Accreditation Info</i>
Lab 1	Conducted Emissions	Mr. Robert Machulec Mr. Andreas Petz	DAkkS-Registration no. D-PL-12140-01-01
Lab 2	Radiated Emissions	Mr. Robert Machulec Mr. Andreas Petz	DAkkS-Registration no. D-PL-12140-01-01
Lab 3	Regulatory Bluetooth RF Test Solution	Mr. Jimmy Chatheril Mr. Sören Berentzen	DAkkS-Registration no. D-PL-12140-01-01

1.4 Signature of the Testing Responsible



Patrick Lomax
 responsible for tests performed in: Lab 1, Lab 2, Lab 3

1.5 Signature of the Accreditation Responsible



B. RETKA [B. RETKA]

Accreditation scope responsible person
 responsible for Lab 1, Lab 2, Lab 3

2 Test Object Data

2.1 General OUT Description

The following section lists all OUTs (Object's Under Test) involved during testing.

OUT: CDMA KY011 (H32)

Type / Model / Family:	CDMA KY011 (H32) FCCID:JOYKY011
Product Category:	Mobile Phone
Manufacturer:	
Company Name:	Please see applicant data
Contact Person:	Please see applicant data

Parameter List:

Parameter name	Value
<hr/>	

Ancillary Equipment: AC/DC Charger MT-VLA

Parameter List:

Parameter name	Value
<hr/>	



2.2 Detailed Description of OUT Samples

Sample : A01

<i>OUT Identifier</i>	CDMA KY011 (H32)		
<i>Sample Description</i>	CE.NO 5		
<i>Serial No.</i>	SKYIH000068		
<i>HW Status</i>	2.0		
<i>SW Status</i>	v110		
<i>Date of Receipt</i>	2012/04/15		
<i>Low Voltage</i>	3.5 V	<i>Low Temp.</i>	-10 °C
<i>High Voltage</i>	4.2 V	<i>High Temp.</i>	55 °C
<i>Nominal Voltage</i>	3.8 V	<i>Normal Temp.</i>	23 °C

Parameter List:

<i>Parameter Description</i>	<i>Value</i>
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Parameter for Scope FCC_v2

Antenna Gain	0 (dBi)
Frequency_high	2480 (MHz)
Frequency_low	2402 (MHz)
Frequency_mid	2441 (MHz)

Sample : N01

<i>OUT Identifier</i>	CDMA KY011 (H32)		
<i>Sample Description</i>	Bluetooth 2		
<i>Serial No.</i>	SKYII000056		
<i>HW Status</i>	2.0		
<i>SW Status</i>	v110		
<i>Date of Receipt</i>	2012/04/15		
<i>Low Voltage</i>	3.5 V	<i>Low Temp.</i>	-10 °C
<i>High Voltage</i>	4.2 V	<i>High Temp.</i>	55 °C
<i>Nominal Voltage</i>	3.8 V	<i>Normal Temp.</i>	23 °C

Parameter List:

<i>Parameter Description</i>	<i>Value</i>
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Parameter for Scope FCC_v2

Antenna Gain	0 (dBi)
Channel_BW	1 (MHz)
Frequency_high	2480 (MHz)
Frequency_low	2402 (MHz)
Frequency_mid	2441 (MHz)



Sample : Z01

<i>OUT Identifier</i>	CDMA KY011 (H32)		
<i>Sample Description</i>	standard sample		
<i>Serial No.</i>	SKYIG000106		
<i>HW Status</i>	2.0		
<i>SW Status</i>	v110		
<i>Date of Receipt</i>	2012/04/15		
<i>Low Voltage</i>	3.5 V	<i>Low Temp.</i>	-10 °C
<i>High Voltage</i>	4.2 V	<i>High Temp.</i>	55 °C
<i>Nominal Voltage</i>	3.8 V	<i>Normal Temp.</i>	23 °C

Parameter List:

<i>Parameter Description</i>	<i>Value</i>
Parameter for Scope FCC_v2	
Antenna Gain	0 (dBi)
Channel_BW	1 (MHz)
Frequency_high	2480 (MHz)
Frequency_low	2402 (MHz)
Frequency_mid	2441 (MHz)

Sample : AC01

<i>OUT Identifier</i>	AC/DC Charger MT-VLA
<i>Sample Description</i>	ACDC Charger

2.3 OUT Features

Features for OUT: CDMA KY011 (H32)

<i>Designation</i>	<i>Description</i>	<i>Allowed Values</i>	<i>Supported Value(s)</i>
Features for scope: FCC_v2			
AC	The OUT is powered by or connected to AC Mains		
BT	EUT supports Bluetooth data rate of 1 Mbps with GFSK modulation in the band 2400 MHz - 2483.5 MHz		
CDMA2000_800	EUT supports CDMA2000 in band 824.7MHz - 848.3MHz (BC0)		
EDR2	EUT supports Bluetooth using data rate of 2 Mbps with PI/4 DQPSK modulation in the band 2400 MHz - 2483.5 MHz		
EDR3	EUT supports Bluetooth using data rate of 3 Mbps with 8DPSK modulation in the band 2400 MHz - 2483.5 MHz		
Iant	Integral Antenna: permanent fixed antenna, which may be built-in, designed as an indispensable part of the equipment		
PCS1900	EUT supports PCS1900 band 1850MHz - 1910MHz		
TantC	temporary antenna connector, which may be only built-in for testing, designed as an example part of the equipment		

2.4 Setups used for Testing

For each setup a relation is given to determine if and which samples and auxiliary equipment is used. The left side list all OUT samples and the right side lists all auxiliary equipment for the given setup.

<i>Setup No.</i>	<i>List of OUT samples</i>		<i>List of auxiliary equipment</i>	
	<i>Sample No.</i>	<i>Sample Description</i>	<i>AE No.</i>	<i>AE Description</i>
acdc_z01				
	Sample: AC01	ACDC Charger		
	Sample: Z01	standard sample		
S01_A01				
	Sample: A01	CE.NO 5		
S01_N01				
	Sample: N01	Bluetooth 2		



3 Results

3.1 General

Documentation of tested devices:

Available at the test laboratory.

Interpretation of the test results:

The results of the inspection are described on the following pages, where 'Conformity' or 'Passed' means that the certification criteria were verified and that the tested device is conform to the applied standard.

In cases where 'Declaration' is printed, the required documents are available in the manufacturers product documentation.

In cases where 'not applicable' is printed, the test case requirements are not relevant to the specific equipment implementation.

Note:

1) This test report focuses on the evaluation of the Bluetooth radio.

2) Special Software used for testing:
The OUT uses an Kyocera software tool to enable the sending of commands to enable Bluetooth test mode.

3.2 List of the Applicable Body

(Body for Scope: FCC_v2)

<i>Designation</i>	<i>Description</i>
FCC47CFRChIPART15c247RADIO FREQUENCY DEVICES	Subpart C - Intentional Radiators; 15.247 Operation within the bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz.

3.3 List of Test Specification

<i>Test Specification:</i>	FCC part 2 and 15
<i>Version</i>	10-1-11 Edition
<i>Title:</i>	PART 2 - GENERAL RULES AND REGULATIONS PART 15 - RADIO FREQUENCY DEVICES



3.4 Summary

<i>Test Case Identifier / Name</i> <i>Test (condition)</i>	<i>Result</i>	<i>Date of Test</i>	<i>Lab</i> <i>Ref.</i>	<i>Setup</i>
15c.1 Conducted emissions (AC power line) §15.207				
15c.1; Mode = transmit	Passed	2012/05/31	Lab 1	acdc_z01
15c.2 Spurious radiated emissions §15.247 (d), §15.35 (b), §15.209				
15c.2; Frequency = 2402, Mode = BT transmit using 1 Mbps with GFSK modulation, Channel = low	Passed	2012/05/21	Lab 2	S01_A01
15c.2; Frequency = 2402, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation	Passed	2012/05/21	Lab 2	S01_A01
	The measurement was performed from 1 GHz up to 8 GHz because no significant spurious emissions were found outside this frequency range in GFSK modes.			
15c.2; Frequency = 2402, Mode = BT transmit using 3 Mbps with 8DPSK modulation	Passed	2012/05/21	Lab 2	S01_A01
	The measurement was performed from 1 GHz up to 8 GHz because no significant spurious emissions were found outside this frequency range in GFSK modes.			
15c.2; Frequency = 2441, Mode = BT transmit using 1 Mbps with GFSK modulation, Channel = mid	Passed	2012/05/21	Lab 2	S01_A01
15c.2; Frequency = 2441, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation	Passed	2012/05/21	Lab 2	S01_A01
	The measurement was performed from 1 GHz up to 8 GHz because no significant spurious emissions were found outside this frequency range in GFSK modes.			
15c.2; Frequency = 2441, Mode = BT transmit using 3 Mbps with 8DPSK modulation	Passed	2012/05/21	Lab 2	S01_A01
	The measurement was performed from 1 GHz up to 8 GHz because no significant spurious emissions were found outside this frequency range in GFSK modes.			
15c.2; Frequency = 2480, Mode = BT transmit using 1 Mbps with GFSK modulation, Channel = highest	Passed	2012/05/21	Lab 2	S01_A01
15c.2; Frequency = 2480, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation	Passed	2012/05/21	Lab 2	S01_A01
	The measurement was performed from 1 GHz up to 8 GHz because no significant spurious emissions were found outside this frequency range in GFSK modes.			
15c.2; Frequency = 2480, Mode = BT transmit using 3 Mbps with 8DPSK modulation	Passed	2012/05/21	Lab 2	S01_A01
	The measurement was performed from 1 GHz up to 8 GHz because no significant spurious emissions were found outside this frequency range in GFSK modes.			



<i>Test Case Identifier / Name</i>	<i>Result</i>	<i>Date of Test</i>	<i>Lab</i>	<i>Setup</i>
<i>Test (condition)</i>			<i>Ref.</i>	
15c.3 Occupied bandwidth §15.247 (a) (1)				
15c.3; Frequency = 2402, Mode = BT transmit using 1 Mbps with GFSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.3; Frequency = 2402, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.3; Frequency = 2402, Mode = BT transmit using 3 Mbps with 8DPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.3; Frequency = 2441, Mode = BT transmit using 1 Mbps with GFSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.3; Frequency = 2441, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.3; Frequency = 2441, Mode = BT transmit using 3 Mbps with 8DPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.3; Frequency = 2480, Mode = BT transmit using 1 Mbps with GFSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.3; Frequency = 2480, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.3; Frequency = 2480, Mode = BT transmit using 3 Mbps with 8DPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.4 Peak power output §15.247 (b) (1)				
15c.4; Frequency = 2402, Mode = BT transmit using 1 Mbps with GFSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.4; Frequency = 2402, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.4; Frequency = 2402, Mode = BT transmit using 3 Mbps with 8DPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.4; Frequency = 2441, Mode = BT transmit using 1 Mbps with GFSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.4; Frequency = 2441, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.4; Frequency = 2441, Mode = BT transmit using 3 Mbps with 8DPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.4; Frequency = 2480, Mode = BT transmit using 1 Mbps with GFSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.4; Frequency = 2480, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.4; Frequency = 2480, Mode = BT transmit using 3 Mbps with 8DPSK modulation	Passed	2012/05/30	Lab 3	S01_N01



<i>Test Case Identifier / Name</i>	<i>Result</i>	<i>Date of Test</i>	<i>Lab</i>	<i>Setup</i>
<i>Test (condition)</i>			<i>Ref.</i>	
15c.5 Spurious RF conducted emissions §15.247 (d)				
15c.5; Frequency = 2402, Mode = BT transmit using 1 Mbps with GFSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.5; Frequency = 2402, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.5; Frequency = 2402, Mode = BT transmit using 3 Mbps with 8DPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.5; Frequency = 2441, Mode = BT transmit using 1 Mbps with GFSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.5; Frequency = 2441, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.5; Frequency = 2441, Mode = BT transmit using 3 Mbps with 8DPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.5; Frequency = 2480, Mode = BT transmit using 1 Mbps with GFSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.5; Frequency = 2480, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.5; Frequency = 2480, Mode = BT transmit using 3 Mbps with 8DPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.6 Band edge compliance §15.247 (d)				
15c.6; Frequency = 2402, Mode = BT transmit using 1 Mbps with GFSK modulation, Method = conducted	Passed	2012/05/30	Lab 3	S01_N01
15c.6; Frequency = 2402, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation, Method = conducted	Passed	2012/05/30	Lab 3	S01_N01
15c.6; Frequency = 2402, Mode = BT transmit using 3 Mbps with 8DPSK modulation, Method = conducted	Passed	2012/05/30	Lab 3	S01_N01
15c.6; Frequency = 2480, Mode = BT transmit using 1 Mbps with GFSK modulation, Method = conducted	Passed	2012/05/30	Lab 3	S01_N01
15c.6; Frequency = 2480, Mode = BT transmit using 1 Mbps with GFSK modulation, Method = radiated	Passed	2012/05/21	Lab 2	S01_A01
15c.6; Frequency = 2480, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation, Method = conducted	Passed	2012/05/30	Lab 3	S01_N01
15c.6; Frequency = 2480, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation, Method = radiated	Passed	2012/05/21	Lab 2	S01_A01
15c.6; Frequency = 2480, Mode = BT transmit using 3 Mbps with 8DPSK modulation, Method = conducted	Passed	2012/05/30	Lab 3	S01_N01
15c.6; Frequency = 2480, Mode = BT transmit using 3 Mbps with 8DPSK modulation, Method = radiated	Passed	2012/05/21	Lab 2	S01_A01
				The measurement was performed from 1 GHz up to 8 GHz because no significant spurious emissions were found outside this frequency range in GFSK modes.
15c.6; Frequency = 2480, Mode = BT transmit using 3 Mbps with 8DPSK modulation, Method = conducted	Passed	2012/05/30	Lab 3	S01_N01
15c.6; Frequency = 2480, Mode = BT transmit using 3 Mbps with 8DPSK modulation, Method = radiated	Passed	2012/05/21	Lab 2	S01_A01
				The measurement was performed from 1 GHz up to 8 GHz because no significant spurious emissions were found outside this frequency range in GFSK modes.
15c.7 Dwell time §15.247 (a) (1) (iii)				
15c.7; Frequency = 2441, Mode = BT transmit using 1 Mbps with GFSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.7; Frequency = 2441, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.7; Frequency = 2441, Mode = BT transmit using 3 Mbps with 8DPSK modulation	Passed	2012/05/30	Lab 3	S01_N01



<i>Test Case Identifier / Name</i>	<i>Result</i>	<i>Date of Test</i>	<i>Lab</i>	<i>Setup</i>
<i>Test (condition)</i>			<i>Ref.</i>	
15c.8 Channel separation §15.247 (a) (1)				
15c.8; Frequency = 2441, Mode = BT transmit using 1 Mbps with GFSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.8; Frequency = 2441, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.8; Frequency = 2441, Mode = BT transmit using 3 Mbps with 8DPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.9 Number of hopping frequencies §15.247 (a) (1) (iii)				
15c.9; Frequency = 2441, Mode = BT transmit using 1 Mbps with GFSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.9; Frequency = 2441, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation	Passed	2012/05/30	Lab 3	S01_N01
15c.9; Frequency = 2441, Mode = BT transmit using 3 Mbps with 8DPSK modulation	Passed	2012/05/30	Lab 3	S01_N01



3.5 Detailed Results

3.5.1 15c.1 Conducted emissions (AC power line) §15.207

Test: 15c.1; Mode = transmit

<i>Result:</i>	Passed
<i>Setup No.:</i>	acdc_z01
<i>Date of Test:</i>	2012/05/31 8:32
<i>Body:</i>	FCC47CFRChIPART15c247RADIO FREQUENCY DEVICES
<i>Test Specification:</i>	FCC part 2 and 15

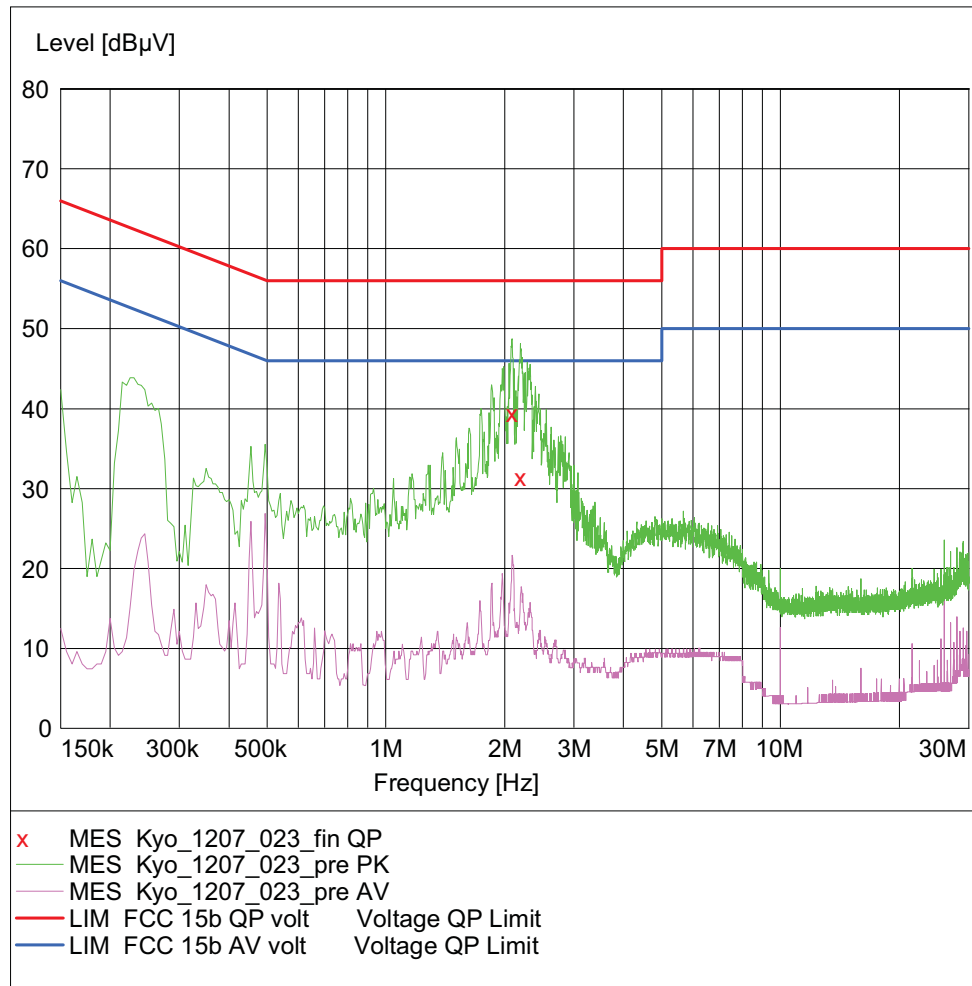
Detailed Results:

AC MAINS CONDUCTED

EUT: (DE070z01)
 Manufacturer: Kyocera
 Operating Condition: GSM 1900 TCH 661, audio connection to BT headset
 Test Site: 7 layers Ratingen
 Operator: Gal
 Test Specification: ANSI C63.4; FCC 15.107 / 15.207
 Comment:
 Start of Test: 30.05.2012 / 22:45:24

SCAN TABLE: "FCC Voltage"

Short Description:	FCC Voltage	Detector	Meas. Time	IF Bandw.	Transducer
Start Frequency	Stop Frequency	Step Width			
150.0 kHz	30.0 MHz	5.0 kHz	MaxPeak	100.0 ms	9 kHz
			Average		ESH3-Z5





**3.5.2 15c.2 Spurious radiated emissions §15.247 (d), §15.35 (b),
§15.209**

Test: 15c.2; Frequency = 2402, Mode = BT transmit using 1 Mbps with GFSK modulation, Channel = low

<i>Result:</i>	Passed
<i>Setup No.:</i>	S01_A01
<i>Date of Test:</i>	2012/05/21 8:15
<i>Body:</i>	FCC47CFRChIPART15c247RADIO FREQUENCY DEVICES
<i>Test Specification:</i>	FCC part 2 and 15

Detailed Results:

Traffic Mode FCC 15.247 (15.35b,15.209) TX on 2402 MHz 1-DH1

Frequency range 30 MHz - 1 GHz

Ant. Polar.	Limit QPK [dBµV]	Frequency [MHz]	Corrected value QPK [dBµV]	Margin QPK [dB]	Result
Ver + Hor					Passed

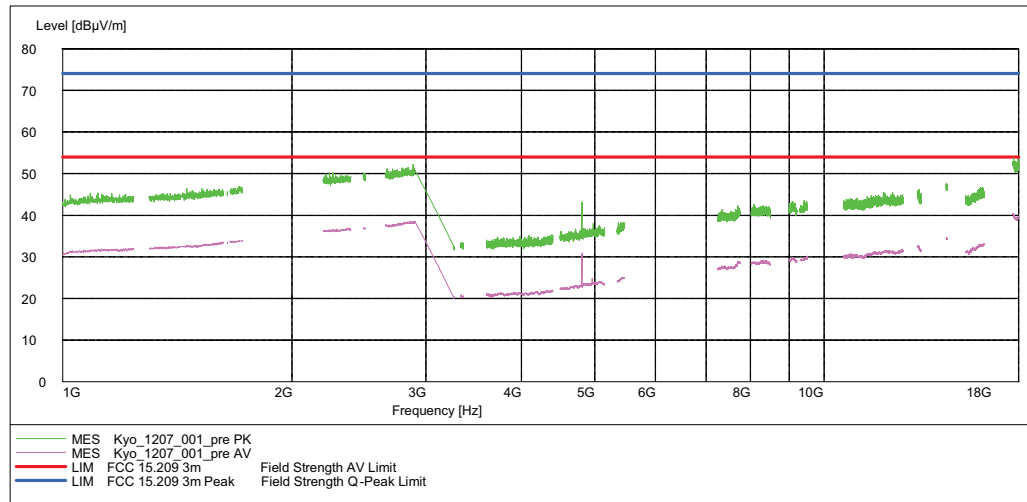
Frequency range 1 GHz - 25 GHz

Ant. Polar.	Limit PK [dBµV]	Limit AV [dBµV]	Frequency [MHz]	Corrected value PK [dBµV]	Corrected value AV [dBµV]	Margin PK [dB]	Margin AV [dB]	Result
Ver + Hor	74	54	4804	43.22	30.83	30.78	23.17	Passed

Remark: No (further) spurious emissions in the range 20 dB below the limit found.

SPURIOUS EMISSION RADIATED

EUT: (DE060a01)
 Manufacturer: Kyocra
 Operating Condition: TX on 2402 MHz 1-DH1
 Test Site: 7 layers Ratingen
 Operator: Giz
 Test Specification: FCC 15.247 (15.35b, 15.209)
 Comment: vertical + horizontal antenna polarisation
 Start of Test: 30.04.2012 / 23:53:38

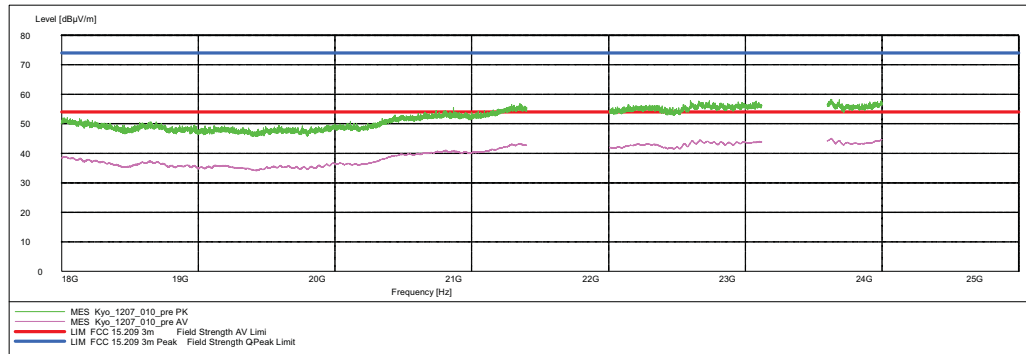


SPURIOUS EMISSION RADIATE

EUT: (DE060a01)
 Manufacturer: Kyocra
 Operating Condition: TX on 2402 MHz 1-DH1
 Test Site: 7 layers Ratingen
 Operator: mac
 Test Specification: FCC 15.247 (15.35b, 15.209)
 Comment: vertical + horizontal antenna polarisation
 Start of Test: 03.05.2012 / 06:15:06

SCAN TABLE: "FCC 15.209 C Field m"

Short Description:			FCC ClassA Field Strength			
Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
30.0 MHz	1000.0 MHz	60.0 kHz	MaxPeak	100.0 ms	120 kHz	HL562
1.0 GHz	2.4 GHz	500.0 kHz	MaxPeak	100.0 ms	1 MHz	HF 906 / 001
			Average			
2.5 GHz	7.0 GHz	500.0 kHz	MaxPeak	100.0 ms	1 MHz	HF 906 / 001
			Average			
7.0 GHz	18.0 GHz	500.0 kHz	MaxPeak	100.0 μ s	1 MHz	HF 906 / 001
			Average			
18.0 GHz	25.0 GHz	500.0 kHz	MaxPeak	100.0 ms	1 MHz	EMCO 3160-09
			Average			

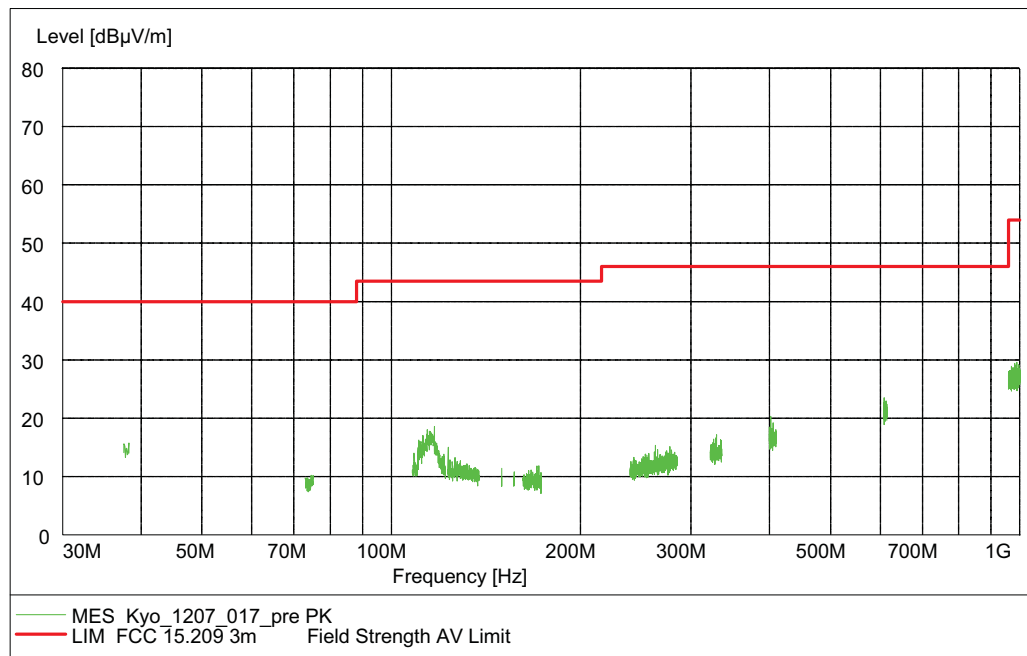


SPURIOUS EMISSION RADIATED

EUT: (DE060a01)
 Manufacturer: Kyocra
 Operating Condition: TX on 2402 MHz 1-DH1
 Test Site: 7 layers Ratingen
 Operator: mac
 Test Specification: FCC 15.247 (15.35b, 15.209)
 Comment: vertical + horizontal antenna polarisation
 Start of Test: 21.05.2012 / 06:29:57

SCAN TABLE: "FCC 15.209 Field <1G"

Short Description:		FCC				
Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
37.5 MHz	38.3 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
73.0 MHz	74.6 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
74.8 MHz	75.2 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
108.0 MHz	121.9 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
123.0 MHz	138.0 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
149.9 MHz	150.1 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
156.5 MHz	156.5 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
156.7 MHz	156.9 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
162.0 MHz	167.2 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
167.7 MHz	173.2 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
240.0 MHz	285.0 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
322.0 MHz	335.4 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
399.9 MHz	410.0 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
608.0 MHz	614.0 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
960.0 MHz	1.0 GHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562





Test: 15c.2; Frequency = 2402, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation

Result: Passed
 The measurement was performed from 1 GHz up to 8 GHz because no significant spurious emissions were found outside this frequency range in GFSK modes.

Setup No.: S01_A01

Date of Test: 2012/05/21 8:20

Body: FCC47CFRChIPART15c247RADIO FREQUENCY DEVICES

Test Specification: FCC part 2 and 15

Detailed Results:

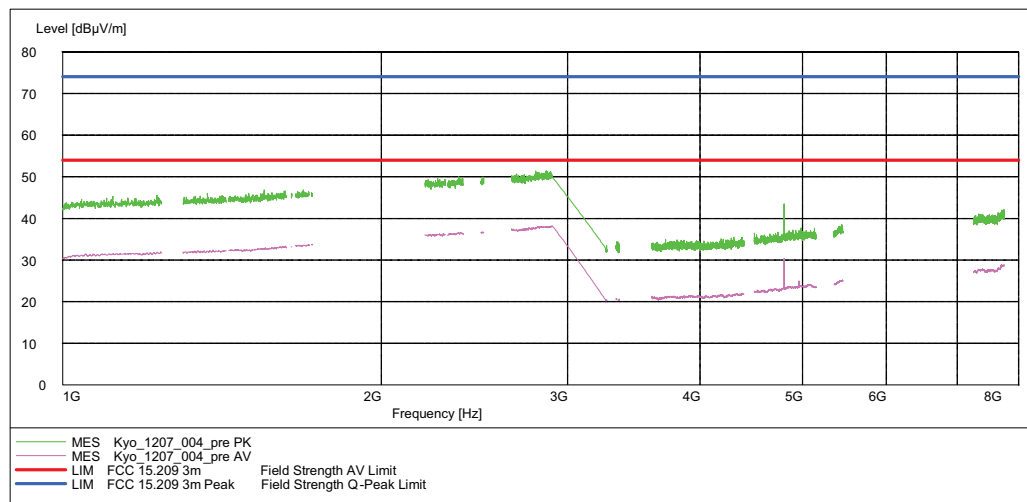
Traffic Mode FCC 15.247 (15.35b,15.209) TX on 2402 MHz 2-DH1
Frequency range 1 GHz - 8 GHz

Ant. Polar.	Limit PK [dBµV]	Limit AV [dBµV]	Frequency [MHz]	Corrected value PK [dBµV]	Corrected value AV [dBµV]	Margin PK [dB]	Margin AV [dB]	Result
Ver + Hor	74	54	4804	43.34	30.34	30.66	23.66	Passed

Remark: No (further) spurious emissions in the range 20 dB below the limit found.

SPURIOUS EMISSION RADIATED

EUT: (DE060a01)
 Manufacturer: Kyocra
 Operating Condition: TX on 2402 MHz 2-DH1
 Test Site: 7 layers Ratingen
 Operator: Giz
 Test Specification: FCC 15.247 (15.35b, 15.209)
 Comment: vertical + horizontal antenna polarisation
 Start of Test: 01.05.2012 / 01:25:42





Test: 15c.2; Frequency = 2402, Mode = BT transmit using 3 Mbps with 8DPSK modulation

Result: Passed
The measurement was performed from 1 GHz up to 8 GHz because no significant spurious emissions were found outside this frequency range in GFSK modes.

Setup No.: S01_A01

Date of Test: 2012/05/21 8:23

Body: FCC47CFRChIPART15c247RADIO FREQUENCY DEVICES

Test Specification: FCC part 2 and 15

Detailed Results:

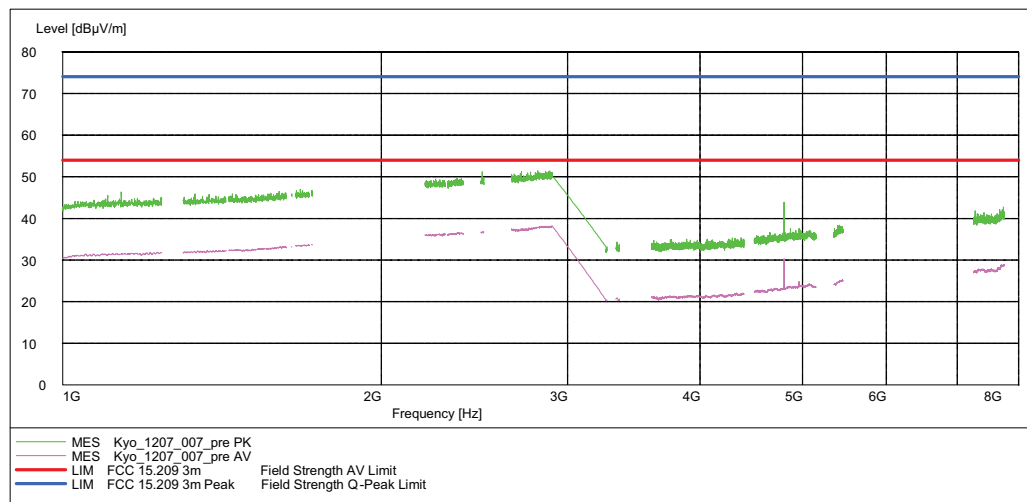
Traffic Mode FCC 15.247 (15.35b,15.209) TX on 2402 MHz 3-DH1
Frequency range 1 GHz - 8 GHz

Ant. Polar.	Limit PK [dBµV]	Limit AV [dBµV]	Frequency [MHz]	Corrected value PK [dBµV]	Corrected value AV [dBµV]	Margin PK [dB]	Margin AV [dB]	Result
Ver + Hor	74	54	4804	43.85	30.22	30.15	23.78	Passed

Remark: No (further) spurious emissions in the range 20 dB below the limit found.

SPURIOUS EMISSION RADIATED

EUT: (DE060a01)
 Manufacturer: Kyocra
 Operating Condition: TX on 2402 MHz 3-DH1
 Test Site: 7 layers Ratingen
 Operator: Giz
 Test Specification: FCC 15.247 (15.35b, 15.209)
 Comment: vertical + horizontal antenna polarisation
 Start of Test: 01.05.2012 / 02:13:05





Reference: ODE_MJP_KYOCE_1207_FCCa
According to
Title 47 CFR chapter I part 15 subpart C

Test: 15c.2; Frequency = 2441, Mode = BT transmit using 1 Mbps with GFSK modulation, Channel = mid

<i>Result:</i>	Passed
<i>Setup No.:</i>	S01_A01
<i>Date of Test:</i>	2012/05/21 8:17
<i>Body:</i>	FCC47CFRChIPART15c247RADIO FREQUENCY DEVICES
<i>Test Specification:</i>	FCC part 2 and 15

Detailed Results:

Traffic Mode FCC 15.247 (15.35b,15.209) TX on 2441 MHz 1-DH1

Frequency range 9 kHz - 1 GHz

Ant. Polar.	Limit QPK [dBµV]	Frequency [MHz]	Corrected value QPK [dBµV]	Margin QPK [dB]	Result
Ver + Hor					Passed

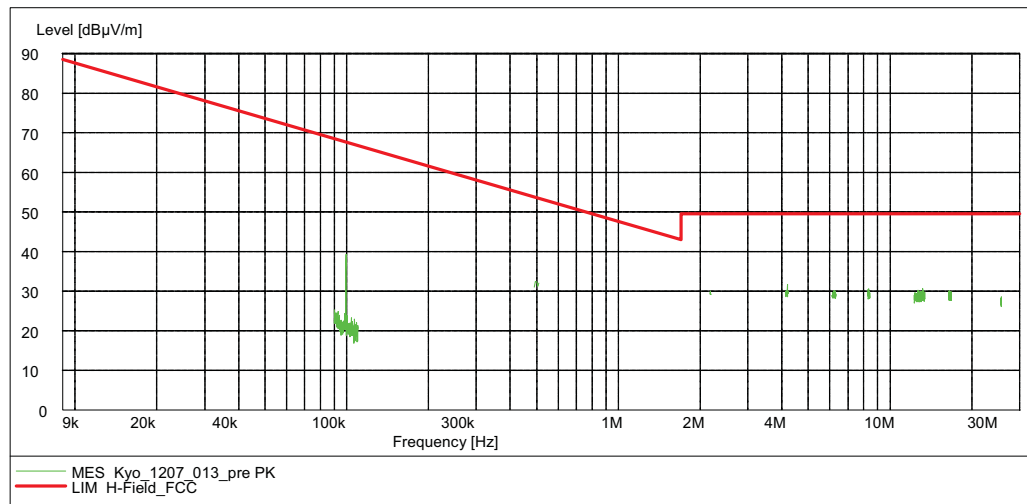
Frequency range 1 GHz - 25 GHz

Ant. Polar.	Limit PK [dBµV]	Limit AV [dBµV]	Frequency [MHz]	Corrected value PK [dBµV]	Corrected value AV [dBµV]	Margin PK [dB]	Margin AV [dB]	Result
Ver + Hor	74	54	4882	47.42	35.30	26.58	18.70	Passed

Remark: No (further) spurious emissions in the range 20 dB below the limit found.

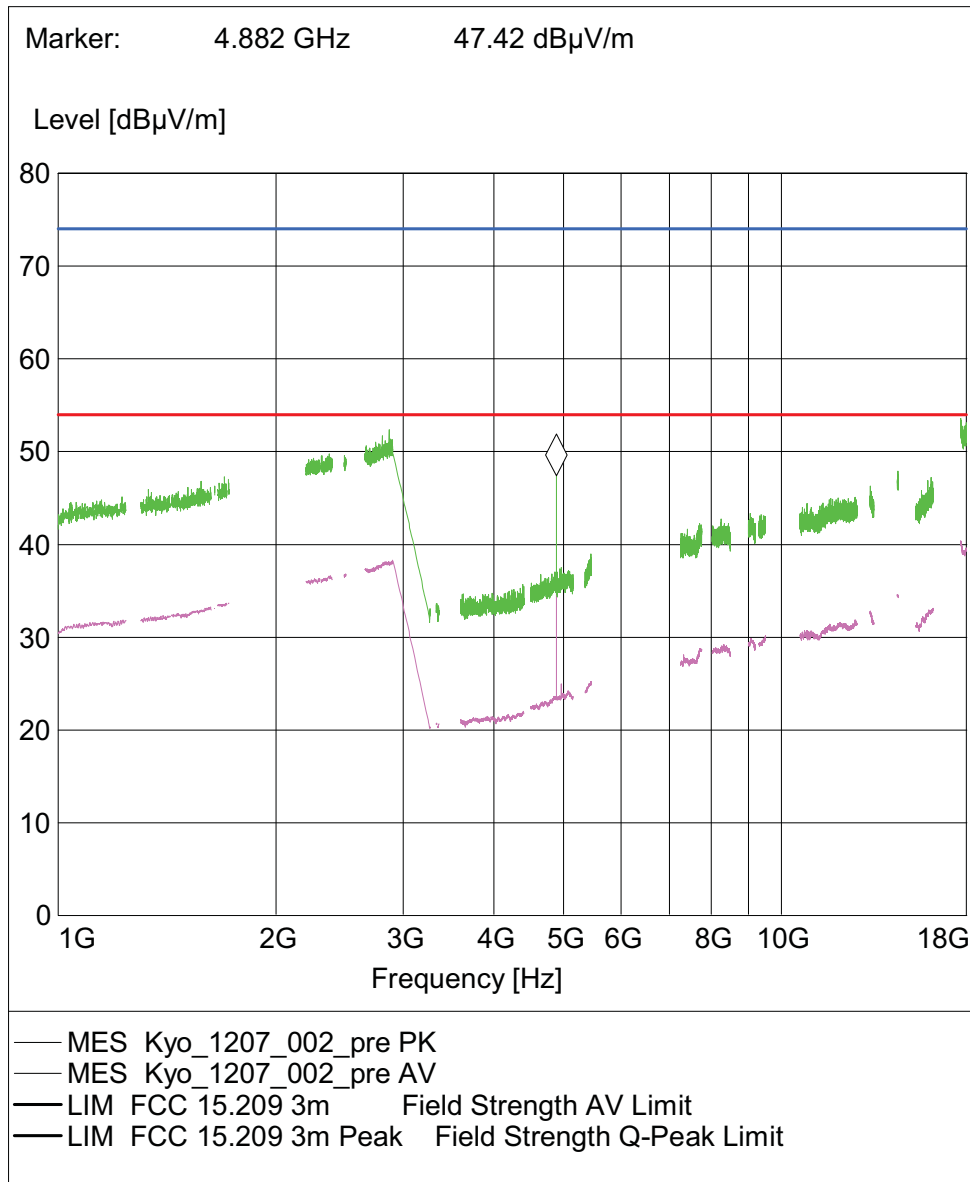
Magnetic Field Strength

EUT: (DE060a01)
 Manufacturer: Kyocra
 Operating Condition: TX on 2441 MHz 1-DH1
 Test Site: 7 layers Ratingen
 Operator: mac
 Test Specification: FCC 15.247 (15.35b, 15.209)
 Comment: Antenna position 0°
 Side 1



SPURIOUS EMISSION RADIATED

EUT: (DE060a01)
 Manufacturer: Kyocra
 Operating Condition: TX on 2441 MHz 1-DH1
 Test Site: 7 layers Ratingen
 Operator: Giz
 Test Specification: FCC 15.247 (15.35b, 15.209)
 Comment: vertical + horizontal antenna polarisation
 Start of Test: 01.05.2012 / 00:24:00

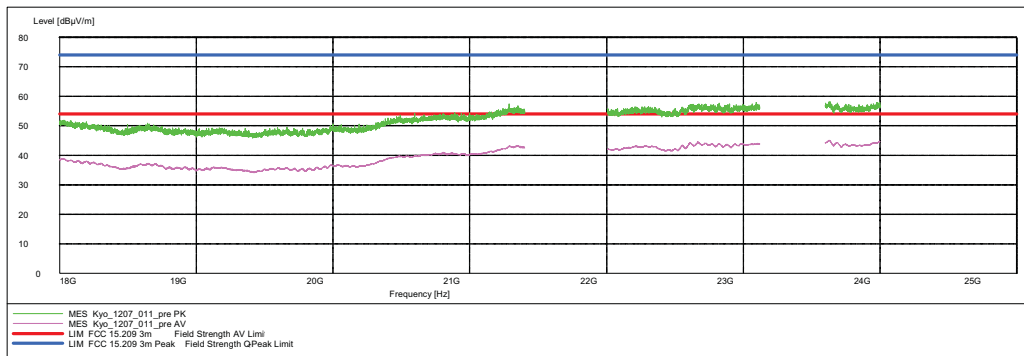


SPURIOUS EMISSION RADIATE

EUT: (DE060a01)
 Manufacturer: Kyocra
 Operating Condition: TX on 2441 MHz 1-DH1
 Test Site: 7 layers Ratingen
 Operator: mac
 Test Specification: FCC 15.247 (15.35b, 15.209)
 Comment: vertical + horizontal antenna polarisation
 Start of Test: 03.05.2012 / 06:37:19

SCAN TABLE: "FCC 15.209 C Field m"

Short Description:			FCC ClassA Field Strength			
Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
30.0 MHz	1000.0 MHz	60.0 kHz	MaxPeak	100.0 ms	120 kHz	HL562
1.0 GHz	2.4 GHz	500.0 kHz	MaxPeak	100.0 ms	1 MHz	HF 906 / 001
			Average			
2.5 GHz	7.0 GHz	500.0 kHz	MaxPeak	100.0 ms	1 MHz	HF 906 / 001
			Average			
7.0 GHz	18.0 GHz	500.0 kHz	MaxPeak	100.0 μ s	1 MHz	HF 906 / 001
			Average			
18.0 GHz	25.0 GHz	500.0 kHz	MaxPeak	100.0 ms	1 MHz	EMCO 3160-09
			Average			

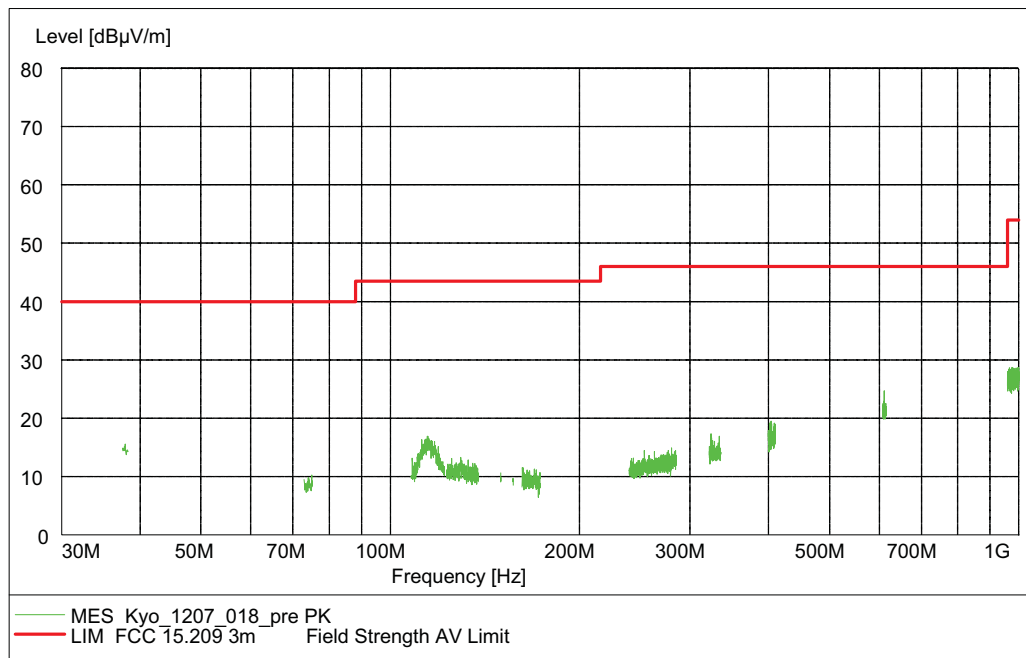


SPURIOUS EMISSION RADIATED

EUT: (DE060a01)
 Manufacturer: Kyocra
 Operating Condition: TX on 2441 MHz 1-DH1
 Test Site: 7 layers Ratingen
 Operator: mac
 Test Specification: FCC 15.247 (15.35b, 15.209)
 Comment: vertical + horizontal antenna polarisation
 Start of Test: 21.05.2012 / 06:51:19

SCAN TABLE: "FCC 15.209 Field <1G"

Short Description:		FCC					
Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer	
37.5 MHz	38.3 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562	
73.0 MHz	74.6 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562	
74.8 MHz	75.2 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562	
108.0 MHz	121.9 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562	
123.0 MHz	138.0 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562	
149.9 MHz	150.1 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562	
156.5 MHz	156.5 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562	
156.7 MHz	156.9 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562	
162.0 MHz	167.2 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562	
167.7 MHz	173.2 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562	
240.0 MHz	285.0 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562	
322.0 MHz	335.4 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562	
399.9 MHz	410.0 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562	
608.0 MHz	614.0 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562	
960.0 MHz	1.0 GHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562	



Test: 15c.2; Frequency = 2441, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation

Result: Passed
The measurement was performed from 1 GHz up to 8 GHz because no significant spurious emissions were found outside this frequency range in GFSK modes.

Setup No.: S01_A01

Date of Test: 2012/05/21 8:21

Body: FCC47CFRChIPART15c247RADIO FREQUENCY DEVICES

Test Specification: FCC part 2 and 15

Detailed Results:

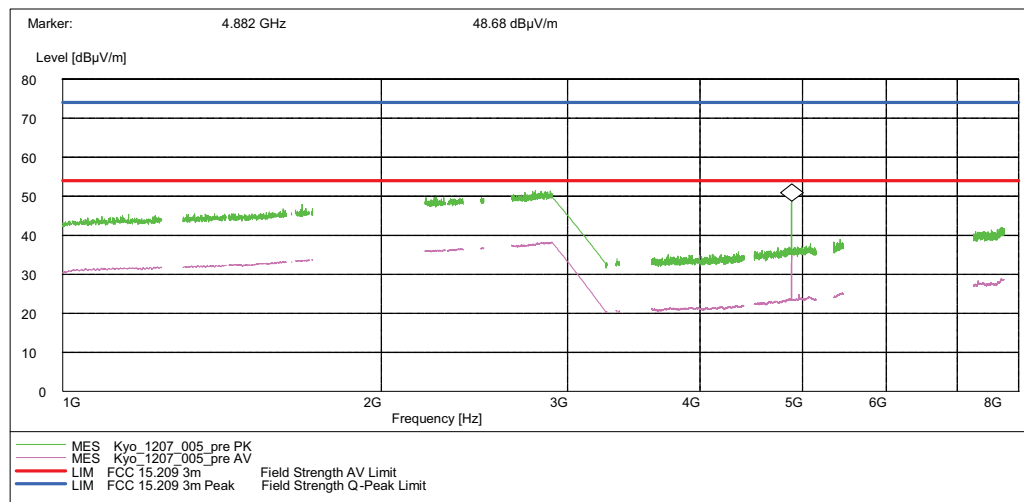
Traffic Mode FCC 15.247 (15.35b,15.209) TX on 2441 MHz 2-DH1
Frequency range 1 GHz - 8 GHz

Ant. Polar.	Limit PK [dBµV]	Limit AV [dBµV]	Frequency [MHz]	Corrected value PK [dBµV]	Corrected value AV [dBµV]	Margin PK [dB]	Margin AV [dB]	Result
Ver + Hor	74	54	4882	48.68	34.80	25.32	19.20	Passed

Remark: No (further) spurious emissions in the range 20 dB below the limit found.

SPURIOUS EMISSION RADIATED

EUT: (DE060a01)
Manufacturer: Kyocra
Operating Condition: TX on 2441 MHz 2-DH1
Test Site: 7 layers Ratingen
Operator: Giz
Test Specification: FCC 15.247 (15.35b, 15.209)
Comment: vertical + horizontal antenna polarisation
Start of Test: 01.05.2012 / 01:40:43



Test: 15c.2; Frequency = 2441, Mode = BT transmit using 3 Mbps with 8DPSK modulation

Result: Passed
 The measurement was performed from 1 GHz up to 8 GHz because no significant spurious emissions were found outside this frequency range in GFSK modes.

Setup No.: S01_A01

Date of Test: 2012/05/21 8:23

Body: FCC47CFRChIPART15c247RADIO FREQUENCY DEVICES

Test Specification: FCC part 2 and 15

Detailed Results:

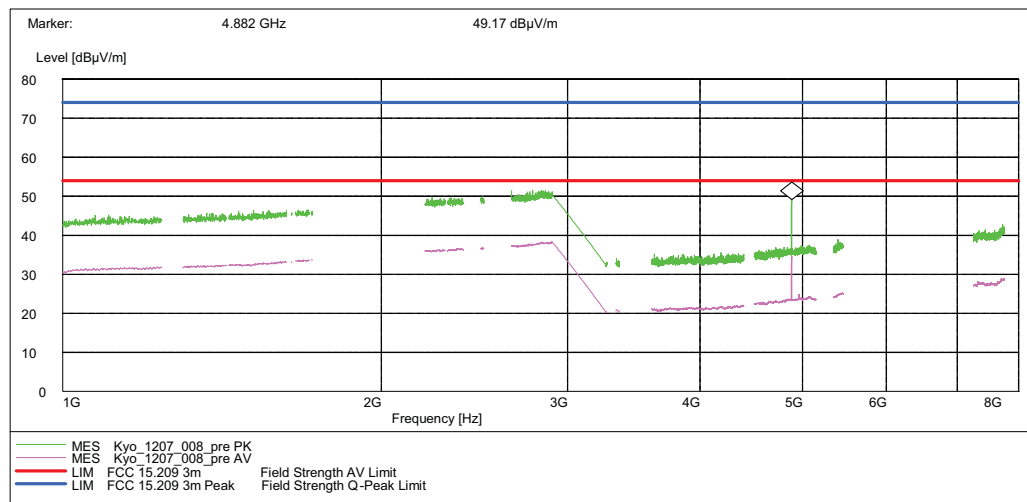
Traffic Mode FCC 15.247 (15.35b,15.209) TX on 2441 MHz 3-DH1
Frequency range 1 GHz - 8 GHz

Ant. Polar.	Limit PK [dBµV]	Limit AV [dBµV]	Frequency [MHz]	Corrected value PK [dBµV]	Corrected value AV [dBµV]	Margin PK [dB]	Margin AV [dB]	Result
Ver + Hor	74	54	4882	49.17	34.63	24.83	19.37	Passed

Remark: No (further) spurious emissions in the range 20 dB below the limit found.

SPURIOUS EMISSION RADIATED

EUT: (DE060a01)
 Manufacturer: Kyocra
 Operating Condition: TX on 2441 MHz 3-DH1
 Test Site: 7 layers Ratingen
 Operator: Giz
 Test Specification: FCC 15.247 (15.35b, 15.209)
 Comment: vertical + horizontal antenna polarisation
 Start of Test: 01.05.2012 / 02:28:01





Reference: ODE_MJP_KYOCE_1207_FCCa
According to
Title 47 CFR chapter I part 15 subpart C

Test: 15c.2; Frequency = 2480, Mode = BT transmit using 1 Mbps with GFSK modulation, Channel = highest

<i>Result:</i>	Passed
<i>Setup No.:</i>	S01_A01
<i>Date of Test:</i>	2012/05/21 8:19
<i>Body:</i>	FCC47CFRChIPART15c247RADIO FREQUENCY DEVICES
<i>Test Specification:</i>	FCC part 2 and 15

Detailed Results:

Traffic Mode FCC 15.247 (15.35b,15.209) TX on 2480 MHz 1-DH1

Frequency range 30 MHz - 1 GHz

Ant. Polar.	Limit QPK [dBµV]	Frequency [MHz]	Corrected value QPK [dBµV]	Margin QPK [dB]	Result
Ver + Hor					Passed

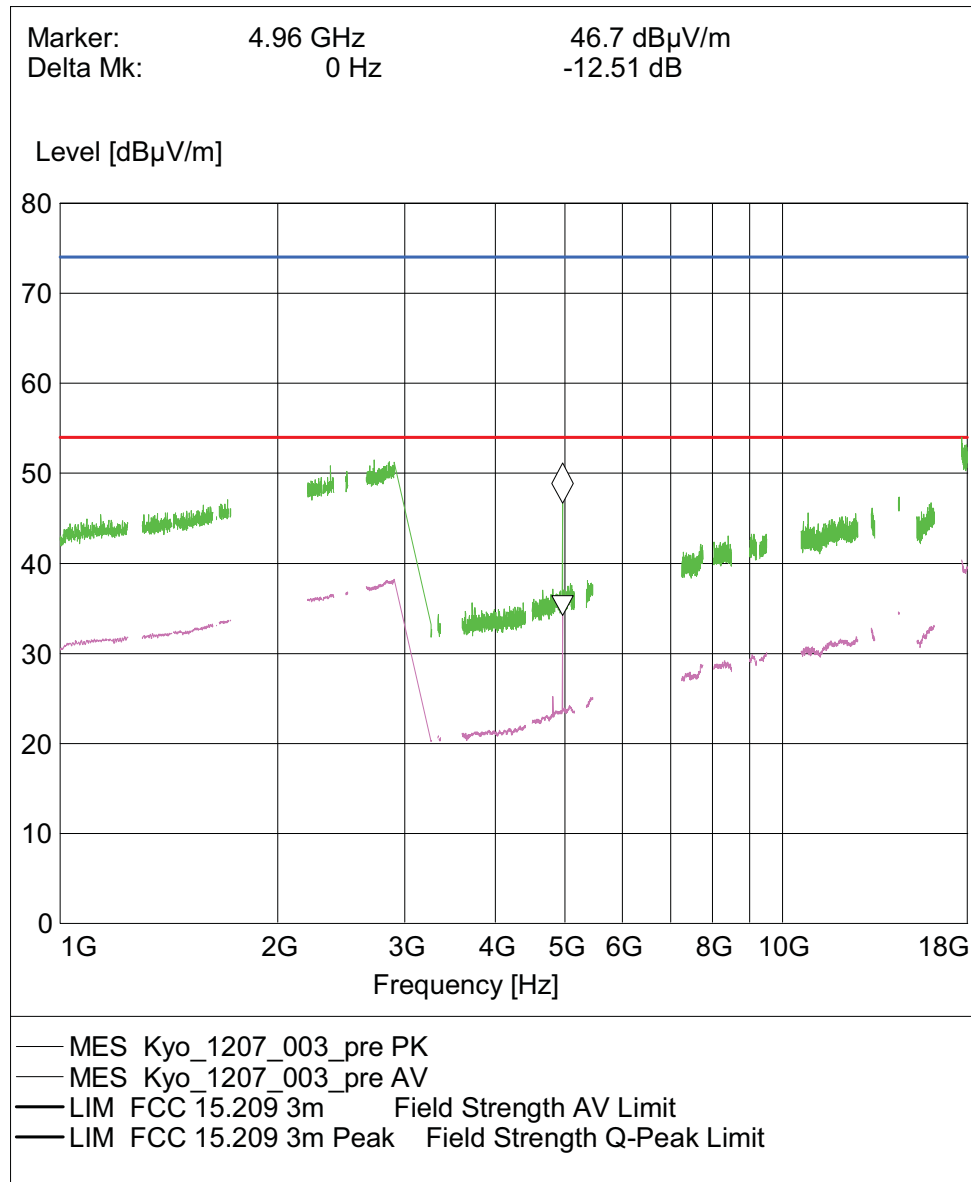
Frequency range 1 GHz - 25 GHz

Ant. Polar.	Limit PK [dBµV]	Limit AV [dBµV]	Frequency [MHz]	Corrected value PK [dBµV]	Corrected value AV [dBµV]	Margin PK [dB]	Margin AV [dB]	Result
Ver + Hor	74	54	4960	46.70	34.19	27.30	19.81	Passed

Remark: No (further) spurious emissions in the range 20 dB below the limit found.

SPURIOUS EMISSION RADIATED

EUT: (DE060a01)
 Manufacturer: Kyocra
 Operating Condition: TX on 2480 MHz 1-DH1
 Test Site: 7 layers Ratingen
 Operator: Giz
 Test Specification: FCC 15.247 (15.35b, 15.209)
 Comment: vertical + horizontal antenna polarisation
 Start of Test: 01.05.2012 / 00:54:29

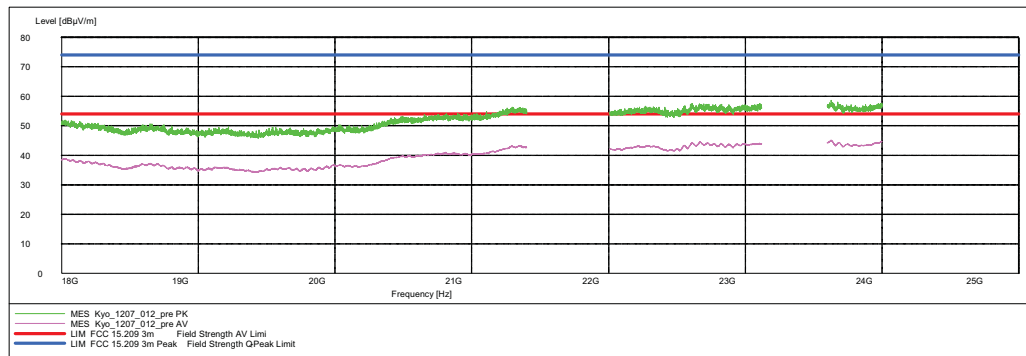


SPURIOUS EMISSION RADIATE

EUT: (DE060a01)
 Manufacturer: Kyocra
 Operating Condition: TX on 2480 MHz 1-DH1
 Test Site: 7 layers Ratingen
 Operator: mac
 Test Specification: FCC 15.247 (15.35b, 15.209)
 Comment: vertical + horizontal antenna polarisation
 Start of Test: 03.05.2012 / 06:59:09

SCAN TABLE: "FCC 15.209 C Field m"

Short Description:			FCC ClassA Field Strength			
Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
30.0 MHz	1000.0 MHz	60.0 kHz	MaxPeak	100.0 ms	120 kHz	HL562
1.0 GHz	2.4 GHz	500.0 kHz	MaxPeak	100.0 ms	1 MHz	HF 906 / 001
			Average			
2.5 GHz	7.0 GHz	500.0 kHz	MaxPeak	100.0 ms	1 MHz	HF 906 / 001
			Average			
7.0 GHz	18.0 GHz	500.0 kHz	MaxPeak	100.0 μ s	1 MHz	HF 906 / 001
			Average			
18.0 GHz	25.0 GHz	500.0 kHz	MaxPeak	100.0 ms	1 MHz	EMCO 3160-09
			Average			



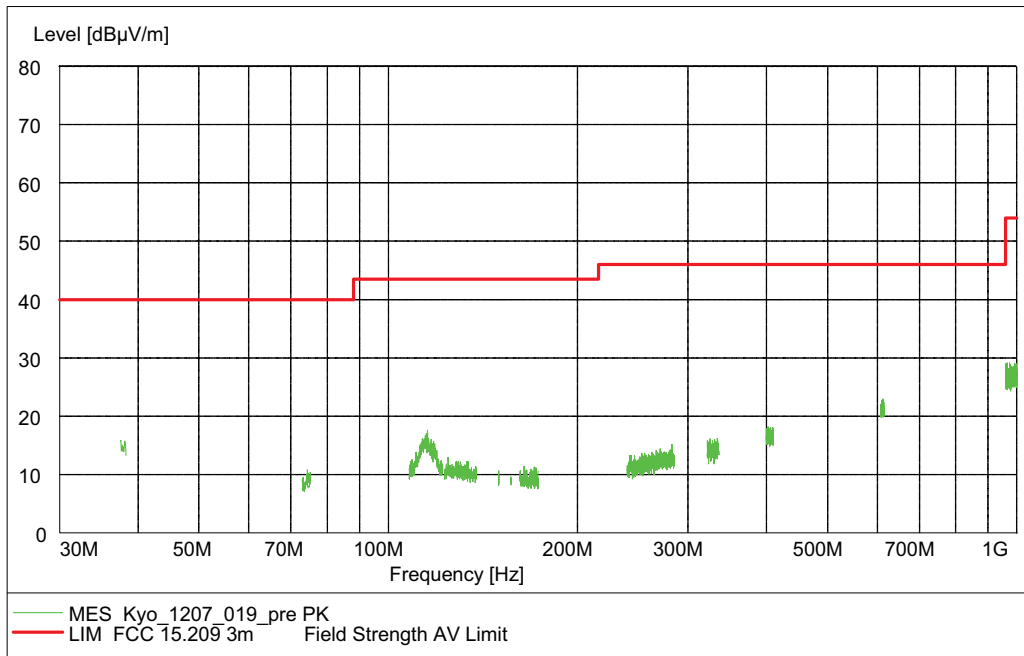


SPURIOUS EMISSION RADIATED

EUT: (DE060a01)
 Manufacturer: Kyocra
 Operating Condition: TX on 2480 MHz 1-DH1
 Test Site: 7 layers Ratingen
 Operator: mac
 Test Specification: FCC 15.247 (15.35b, 15.209)
 Comment: vertical + horizontal antenna polarisation
 Start of Test: 21.05.2012 / 07:05:50

SCAN TABLE: "FCC 15.209 Field <1G"

Short Description:		FCC				
Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
37.5 MHz	38.3 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
73.0 MHz	74.6 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
74.8 MHz	75.2 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
108.0 MHz	121.9 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
123.0 MHz	138.0 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
149.9 MHz	150.1 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
156.5 MHz	156.5 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
156.7 MHz	156.9 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
162.0 MHz	167.2 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
167.7 MHz	173.2 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
240.0 MHz	285.0 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
322.0 MHz	335.4 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
399.9 MHz	410.0 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
608.0 MHz	614.0 MHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562
960.0 MHz	1.0 GHz	60.0 kHz	MaxPeak	100.0 µs	120 kHz	HL562



Test: 15c.2; Frequency = 2480, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation

Result: Passed
The measurement was performed from 1 GHz up to 8 GHz because no significant spurious emissions were found outside this frequency range in GFSK modes.

Setup No.: S01_A01

Date of Test: 2012/05/21 8:22

Body: FCC47CFRChIPART15c247RADIO FREQUENCY DEVICES

Test Specification: FCC part 2 and 15

Detailed Results:

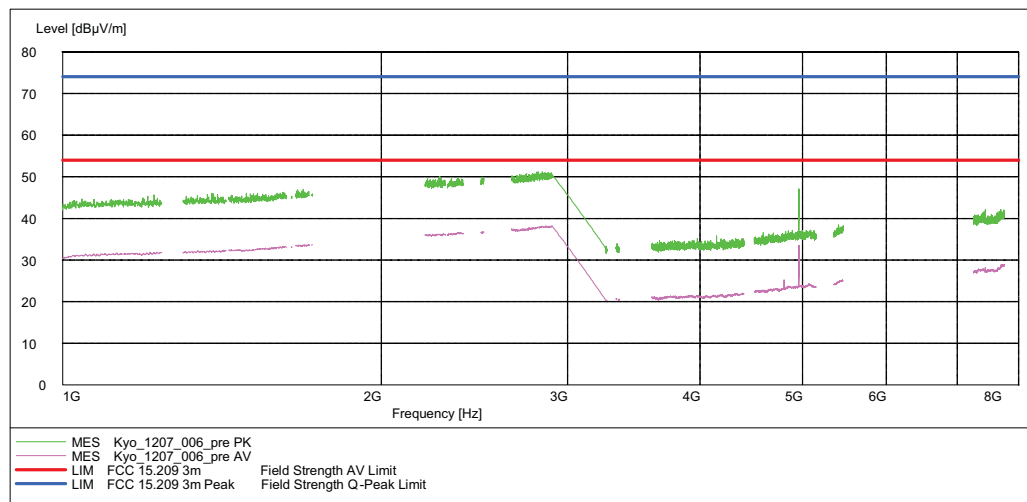
Traffic Mode FCC 15.247 (15.35b,15.209) TX on 2480 MHz 2-DH1
Frequency range 1 GHz - 8 GHz

Ant. Polar.	Limit PK [dBµV]	Limit AV [dBµV]	Frequency [MHz]	Corrected value PK [dBµV]	Corrected value AV [dBµV]	Margin PK [dB]	Margin AV [dB]	Result
Ver + Hor	74	54	4960	47.08	31.75	26.92	22.25	Passed

Remark: No (further) spurious emissions in the range 20 dB below the limit found.

SPURIOUS EMISSION RADIATED

EUT: (DE060a01)
 Manufacturer: Kyocra
 Operating Condition: TX on 2480 MHz 2-DH1
 Test Site: 7 layers Ratingen
 Operator: Giz
 Test Specification: FCC 15.247 (15.35b, 15.209)
 Comment: vertical + horizontal antenna polarisation
 Start of Test: 01.05.2012 / 01:55:54



Test: 15c.2; Frequency = 2480, Mode = BT transmit using 3 Mbps with 8DPSK modulation

Result: Passed
The measurement was performed from 1 GHz up to 8 GHz because no significant spurious emissions were found outside this frequency range in GFSK modes.

Setup No.: S01_A01

Date of Test: 2012/05/21 8:24

Body: FCC47CFRChIPART15c247RADIO FREQUENCY DEVICES

Test Specification: FCC part 2 and 15

Detailed Results:

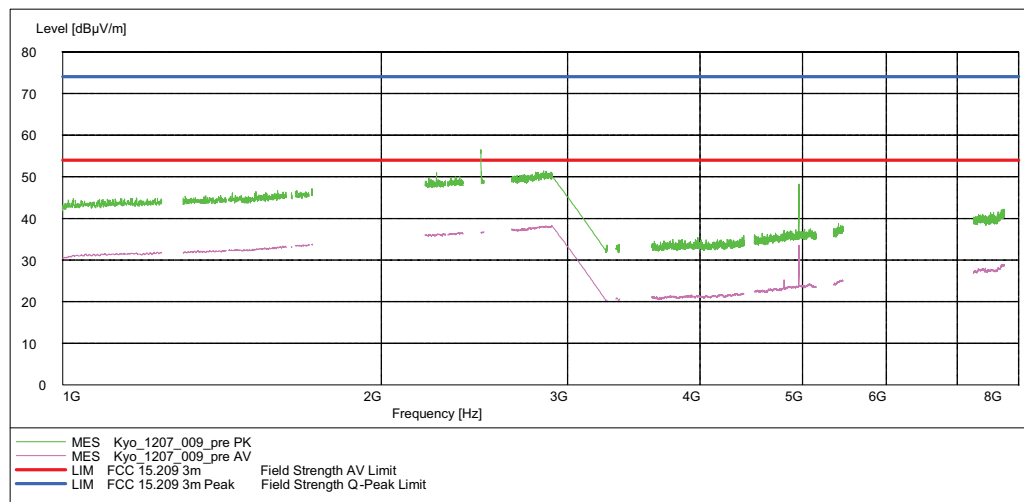
Traffic Mode FCC 15.247 (15.35b,15.209) TX on 2480 MHz 3-DH1
Frequency range 1 GHz - 8 GHz

Ant. Polar.	Limit PK [dBµV]	Limit AV [dBµV]	Frequency [MHz]	Corrected value PK [dBµV]	Corrected value AV [dBµV]	Margin PK [dB]	Margin AV [dB]	Result
Ver + Hor	74	54	2484	56.44	36.65	17.56	17.35	Passed
Ver + Hor	74	54	4960	48.21	33.56	25.79	20.44	Passed

Remark: No (further) spurious emissions in the range 20 dB below the limit found.

SPURIOUS EMISSION RADIATED

EUT: (DE060a01)
Manufacturer: Kyocra
Operating Condition: TX on 2480 MHz 3-DH1
Test Site: 7 layers Ratingen
Operator: Giz
Test Specification: FCC 15.247 (15.35b, 15.209)
Comment: vertical + horizontal antenna polarisation
Start of Test: 01.05.2012 / 02:45:13





3.5.3 15c.3 Occupied bandwidth §15.247 (a) (1)

Test: 15c.3; Frequency = 2402, Mode = BT transmit using 1 Mbps with GFSK modulation

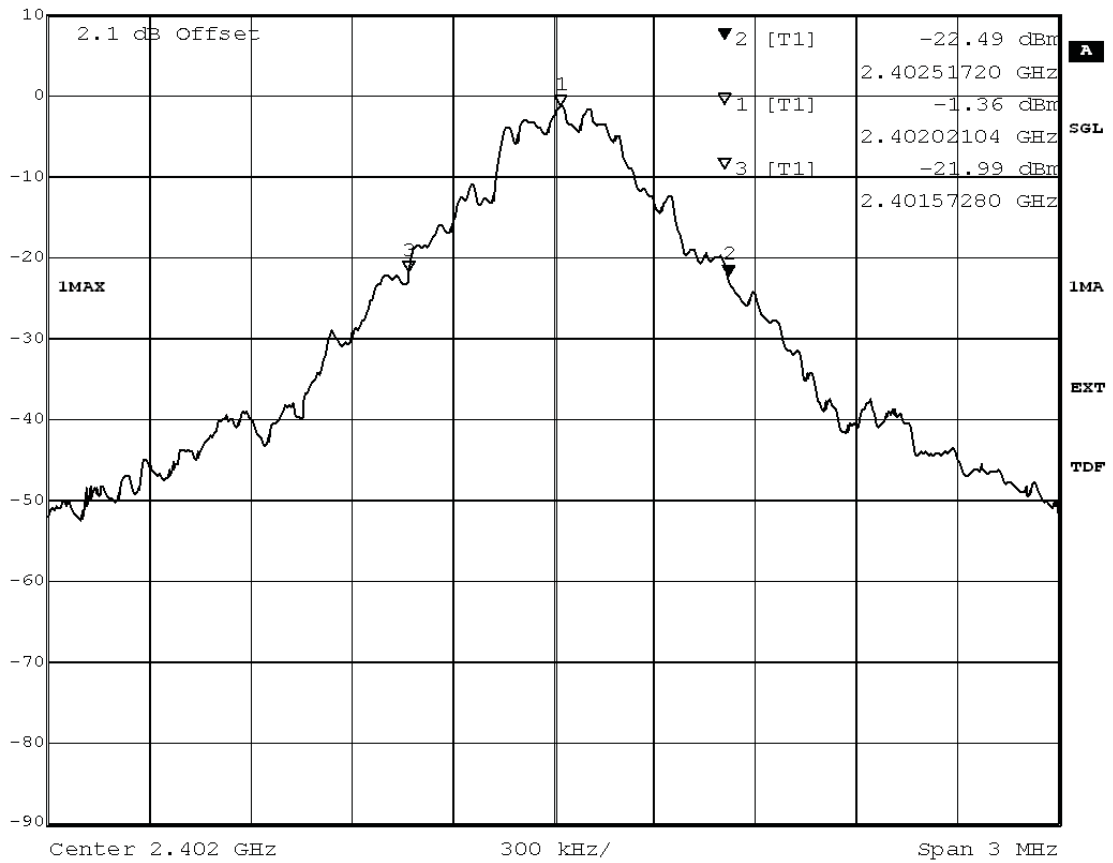
<i>Result:</i>	Passed
<i>Setup No.:</i>	S01_N01
<i>Date of Test:</i>	2012/05/30 12:56
<i>Body:</i>	FCC47CFRChIPART15c247RADIO FREQUENCY DEVICES
<i>Test Specification:</i>	FCC part 2 and 15

Detailed Results:

20 dB bandwidth MHz
0.944

added by operator

Marker 2 [T1]	RBW	30 kHz	RF Att	20 dB
Ref Lvl	-22.49 dBm	VBW	30 kHz	
10 dBm	2.40251720 GHz	SWT	8.5 ms	Unit dBm



Title: 20dB Bandwidth
 Comment A: CH B: 2402 MHz; 20dB bandwidth (kHz):944.4
 Date: 30.MAY.2012 09:11:23

added by operator



Reference: ODE_MJP_KYOCE_1207_FCCa
According to
Title 47 CFR chapter I part 15 subpart C

Test: 15c.3; Frequency = 2402, Mode = BT transmit using 2 Mbps with PI/4 DQPSK modulation

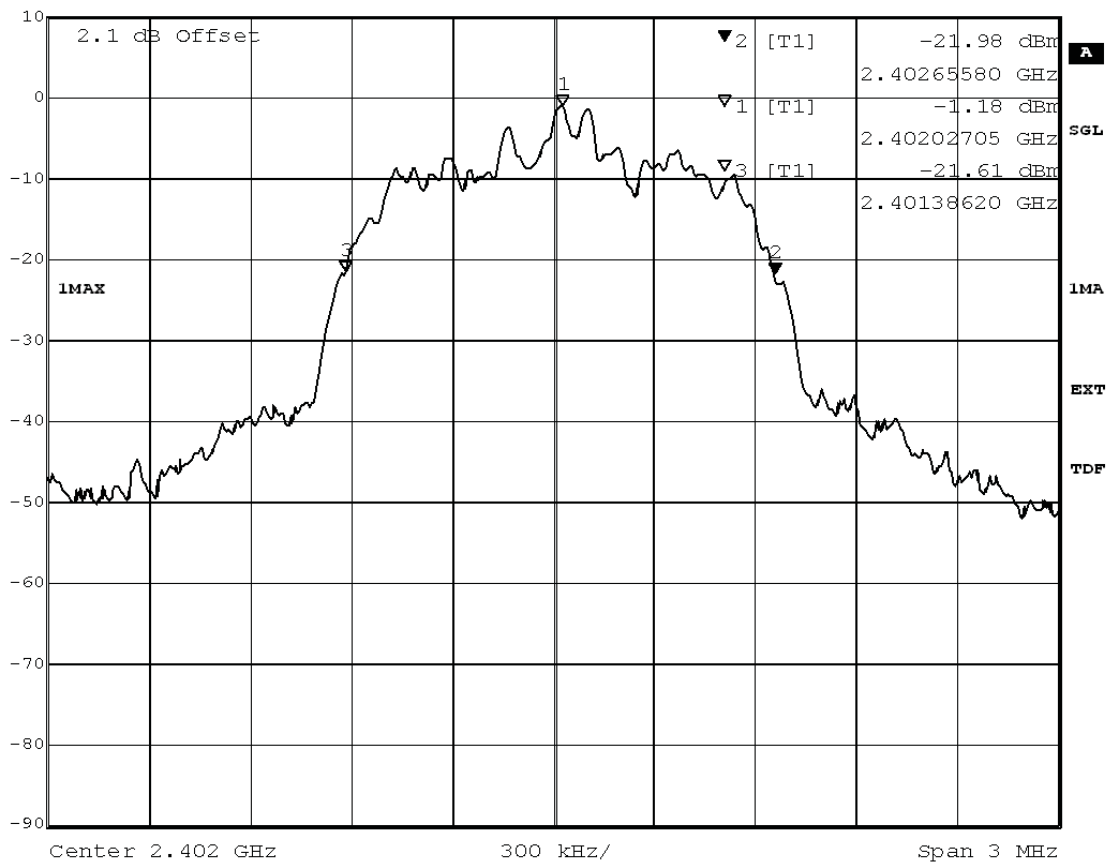
<i>Result:</i>	Passed
<i>Setup No.:</i>	S01_N01
<i>Date of Test:</i>	2012/05/30 13:06
<i>Body:</i>	FCC47CFRChIPART15c247RADIO FREQUENCY DEVICES
<i>Test Specification:</i>	FCC part 2 and 15

Detailed Results:

20 dB bandwidth MHz
1.270

added by operator

Marker 2 [T1]	RBW	30 kHz	RF Att	20 dB
Ref Lvl	-21.98 dBm	VBW	30 kHz	
10 dBm	2.40265580 GHz	SWT	8.5 ms	Unit dBm



Title: 20dB Bandwidth
 Comment A: CH B: 2402 MHz; 20dB bandwidth (kHz):1269.6
 Date: 30.MAY.2012 10:28:47

added by operator



Reference: ODE_MJP_KYOCE_1207_FCCa
According to
Title 47 CFR chapter I part 15 subpart C

Test: 15c.3; Frequency = 2402, Mode = BT transmit using 3 Mbps with 8DPSK modulation

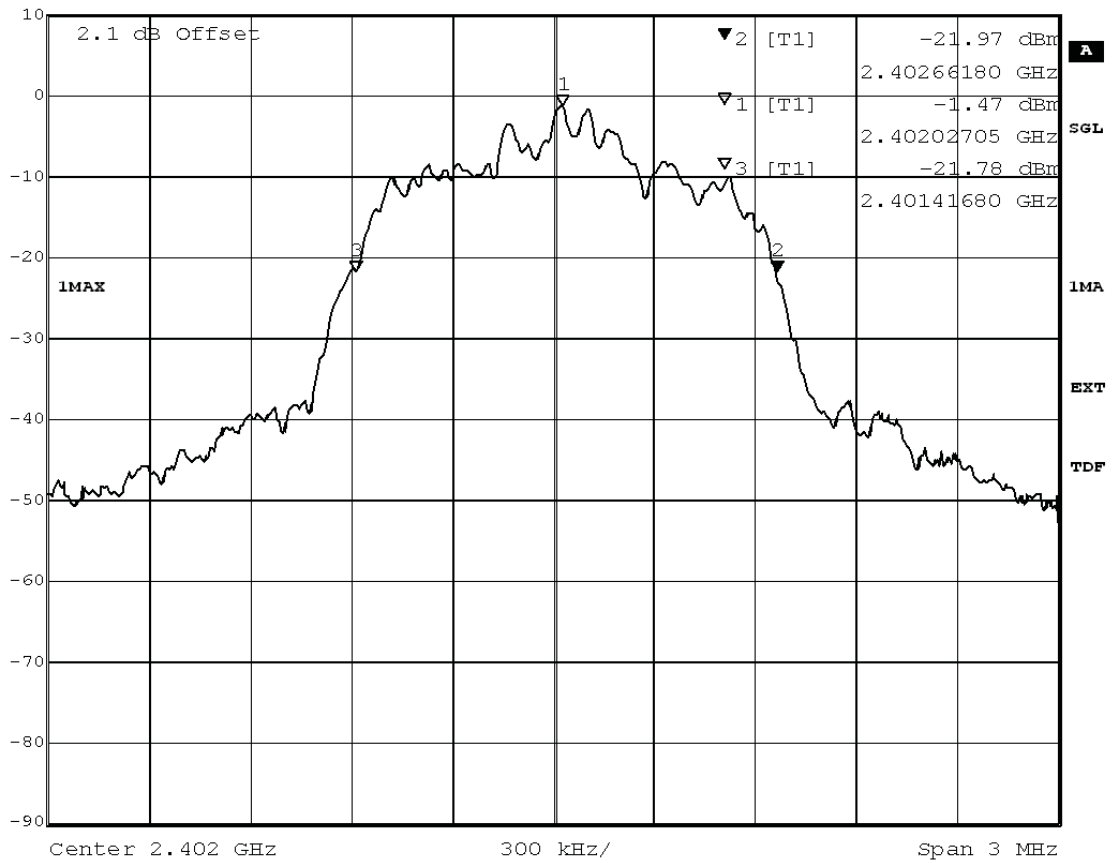
<i>Result:</i>	Passed
<i>Setup No.:</i>	S01_N01
<i>Date of Test:</i>	2012/05/30 13:17
<i>Body:</i>	FCC47CFRChIPART15c247RADIO FREQUENCY DEVICES
<i>Test Specification:</i>	FCC part 2 and 15

Detailed Results:

20 dB bandwidth MHz
1.245

added by operator

Marker 2 [T1]	RBW 30 kHz	RF Att 20 dB
Ref Lvl -21.97 dBm	VBW 30 kHz	
10 dBm	SWT 8.5 ms	Unit dBm



Title: 20dB Bandwidth
 Comment A: CH B: 2402 MHz; 20dB bandwidth (kHz):1245
 Date: 30.MAY.2012 11:39:10

added by operator



Reference: ODE_MJP_KYOCE_1207_FCCa
According to
Title 47 CFR chapter I part 15 subpart C

Test: 15c.3; Frequency = 2441, Mode = BT transmit using 1 Mbps with GFSK modulation

<i>Result:</i>	Passed
<i>Setup No.:</i>	S01_N01
<i>Date of Test:</i>	2012/05/30 12:57
<i>Body:</i>	FCC47CFRChIPART15c247RADIO FREQUENCY DEVICES
<i>Test Specification:</i>	FCC part 2 and 15