



FCC PART 15C
TEST REPORT
No.2012WLN0359

for

TCT Mobile Limited

GSM Quad Band Mobile Phone

Type: Xpress

Market Name: one touch 838

With

FCC ID: RAD265

Hardware Version: PIO

Software Version: E1A

Issued Date: 2012-06-20



No. DGA-PL-114/01-02

DAR accreditation (DIN EN ISO/IEC 17025): No. DGA-PL-114/01-02

FCC 2.948 Listed: No.733176

IC O.A.T.S listed: No.6629A-1

Note:The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of TMC Beijing.

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1. **TEST LABORATORY**

1.1. **Testing Location**

Company Name: TMC Beijing, Telecommunication Metrology Center of MIIT
Address: No. 52, Huayuan Bei Road, Haidian District, Beijing, P. R. China
Postal Code: 100191
Telephone: 008610623046332500
Fax: 008610623046332504

1.2. **Testing Environment**

Normal Temperature: 15-30°C
Extreme Temperature: -10/+55°C
Relative Humidity: 30-60%
Air Pressure 990hPa-1040hPa

Note: The climatic requirements above are general exclude the special requirements for dedicated test environments listed in section 5 and some specific test cases in other parts of this report.

1.3. **Project data**

Testing Start Date: 2012-04-21
Testing End Date: 2012-05-28

1.4. **Signature**



Sun Zhenyu

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(Approved this test report)

2. CLIENT INFORMATION

2.1. Applicant Information

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City: Shanghai
Postal Code: 201203
Country: China
Contact Gong Zhizhou
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Telephone: 0086-21-61460890
Fax: 0086-21-61460602

3. EQUIPMENT UNDER TEST(EUT) AND ANCILLARY EQUIPMENT(AE)

3.1. About EUT

Description	GSM Quad Band Mobile Phone
Type	Xpress
Market name	one touch 838
FCC ID	RAD265
IC ID	/
With WLAN Function	Yes
Frequency Range	ISM 2400MHz~2483.5MHz
Type of Modulation	DSSS/CCK/OFDM
Number of Channels	11
Antenna	Integral Antenna
MAX Conducted Power	24.12dBm(CCK)
Power Supply	3.7V DC by Battery

Note: Photographs of EUT are shown in ANNEX C of this test report.

3.2. Internal Identification of EUT used during the test

EUT ID*	IMEI	HW Version	SW Version
EUT1	863744010006814	PIO	E1A

*EUT ID: is used to identify the test sample in the lab internally.

3.3. Internal Identification of AE used during the test

AE ID*	Description	Type	SN
AE1	Battery	CAB31L0000C1	/
AE2	Battery	CAB31L0000C2	/
AE3	Charger	CBA3002AG0C1	/
AE4	Charger	CBA3002AG0C3	/

*AE ID: is used to identify the test sample in the lab internally.

3.4. General Description

Equipment Under Test (EUT) is a model of GSM Quad Band Mobile Phone with integrated antenna. It consists of normal options: Battery and Charger.

Manual and specifications of the EUT were provided to fulfil the test.

Samples undergoing test were selected by the Client.

4. Reference Documents

4.1. Documents supplied by applicant

EUT feature information is supplied by the applicant or manufacturer, which is the basis of testing.

4.2. Reference documents for testing

The following documents listed in this section are referred for testing.

FCC Part15	FCC CFR 47, Part 15, Subpart C: 15.205 Restricted bands of operation; 15.209 Radiated emission limits, general requirements; 15.247 Operation within the bands 902-928MHz, 2400-2483.5 MHz, and 5725-5850 MHz	Oct, 2009 Edition
ANSI C63.10	American National Standard for Testing Unlicensed Wireless Devices	2009

5. LABORATORY ENVIRONMENT

Shielding Room1 (6.0 meters×3.0 meters×2.7 meters) did not exceed following limits along the conducted RF performance testing:

Temperature	Min. = 15 °C, Max. = 30 °C
Relative humidity	Min. = 30 %, Max. = 60 %
Shielding effectiveness	> 110 dB
Ground system resistance	< 0.5 Ω
Uniformity of field strength	Between 0 and 6 dB, from 80MHz to 3000 MHz

6. SUMMARY OF TEST RESULTS

6.1. Summary of Test Results

SUMMARY OF MEASUREMENT RESULTS	Sub-clause of Part15C	Sub-clause of IC	Verdict
Maximum Peak Output Power	15.247 (a)	/	P
Peak Power Spectral Density	15.247 (d)	/	P
Occupied 6dB Bandwidth	15.247 (d)	/	P
Band Edges Compliance	15.247 (b)	/	P
Transmitter Spurious Emission - Conducted	15.247	/	P
Transmitter Spurious Emission - Radiated	15.247, 15.205, 15.209	/	NP
AC Powerline Conducted Emission	15.107, 15.207	/	NP

Please refer to **ANNEX A** for detail.

The measurement is made according to ANSI C63.10.

Terms used in Verdict column

P	Pass, The EUT complies with the essential requirements in the standard.
NP	Not Perform, The test was not performed by TMC
NA	Not Applicable, The test was not applicable
F	Fail, The EUT does not comply with the essential requirements in the standard

6.2. Statements

TMC has evaluated the test cases requested by the client/manufacturer as listed in section 6.1 of this report for the EUT specified in section 3 according to the standards or reference documents listed in section 4.1.

This report only deals with the WLAN function among the features described in section 3.

Test Conditions

T nom	Normal Temperature
T min	Low Temperature
T max	High Temperature
V nom	Normal Voltage

V min	Low Voltage
V max	High Voltage
H nom	Norm Humidity
A nom	Norm Air Pressure

For this report, all the test cases listed above are tested under Normal Temperature and Normal Voltage which is using a new battery, and also under norm humidity, the specific conditions as following:

Temperature	T nom	26°C
Voltage	V nom	3.7V(By battery)
Humidity	H nom	44%
Air Pressure	A nom	1010hPa

7. TEST EQUIPMENTS UTILIZED

Conducted test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Due date
1	Vector Signal Analyzer	FSQ40	200089	Rohde & Schwarz	2012-07-19

Anechoic chamber

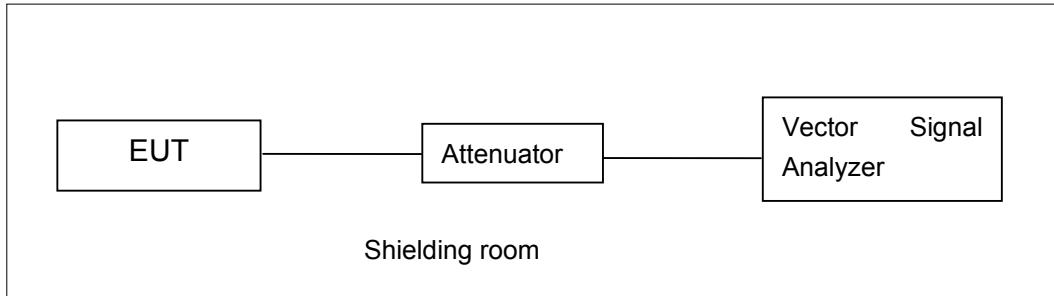
Anechoic chamber by Frankonia German.

ANNEX A: MEASUREMENT RESULTS

A.1. Measurement Method

A.1.1. Conducted Measurements

- 1). Connect the EUT to the test system correctly.
- 2). Set the EUT to the required work mode.
- 3). Set the EUT to the required channel.
- 4). Set the spectrum analyzer to start measurement.
- 5). Record the values. Vector Signal Analyzer



The measurement is made according to ANSI C63.10.

A.2. Maximum Output Power

Measurement Limit and Method:

Standard	Limit (dBm)
FCC CRF Part 15.247(b)	< 30

The measurement is made according to ANSI C63.10, and EUT is operating in continuous transmitting mode

Measurement Uncertainty:

Measurement Uncertainty	0.75dB
-------------------------	--------

A.2.1. Maximum Peak Output Power-conducted

Measurement Results:

802.11b/g mode

Mode	Data Rate (Mbps)	Test Result (dBm)		
		2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)
802.11b	1	20.34	/	/
	2	20.52	/	/
	5.5	21.83	/	/
	11	23.56	23.89	24.12
802.11g	6	22.33	/	/
	9	22.27	/	/
	12	22.07		
	18	22.07	/	/
	24	22.52	/	/
	36	22.51	/	/
	48	22.59	/	/
	54	22.61	22.94	23.32

The data rate 11Mbps and 54Mbps are selected as worse condition, and the following cases are performed with this condition.

802.11n-HT20 mode

Mode	Data Rate (Index)	Test Result (dBm)		
		2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)
802.11n (20MHz)	MCS0	/	/	/
	MCS1	/	/	/
	MCS2	/	/	/
	MCS3	/	/	/
	MCS4	/	/	/
	MCS5	/	/	/
	MCS6	/	/	/

	MCS7	/	/	/
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802.11n-HT40 mode

Mode	Data Rate (Index)	Test Result (dBm)		
		2422MHz (Ch3)	2437MHz (Ch6)	2452 MHz (Ch9)
802.11n (40MHz)	MCS0	/	/	/
	MCS1	/	/	/
	MCS2	/	/	/
	MCS3	/	/	/
	MCS4	/	/	/
	MCS5	/	/	/
	MCS6	/	/	/
	MCS7	/	/	/

A.2.2. Maximum Average Output Power-conducted**802.11b/g mode**

Mode	Test Result (dBm)		
	2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)
802.11b	16.55	16.65	17.04
802.11g	13.74	13.88	14.43

802.11n-HT20 mode

Mode	Test Result (dBm)		
	2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)
802.11n (20MHz)	/	/	/

802.11n-HT40 mode

Mode	Test Result (dBm)		
	2422MHz (Ch3)	2437MHz (Ch6)	2452 MHz (Ch9)
802.11n (40MHz)	/	/	/

Conclusion: PASS

A.3. Peak Power Spectral Density

Measurement Limit:

Standard	Limit
FCC CRF Part 15.247(d)	< 8 dBm/3 kHz

The measurement is made according to ANSI C63.10.

Measurement Uncertainty:

Measurement Uncertainty	0.75dB
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Measurement Results:

802.11b/g mode

Mode	Channel	Power Spectral Density (dBm/3 kHz)		Conclusion
802.11b	1	Fig.1	-4.58	P
	6	Fig.2	-3.79	P
	11	Fig.3	-4.50	P
802.11g	1	Fig.4	-6.74	P
	6	Fig.5	-5.79	P
	11	Fig.6	-5.51	P

802.11n-HT20 mode

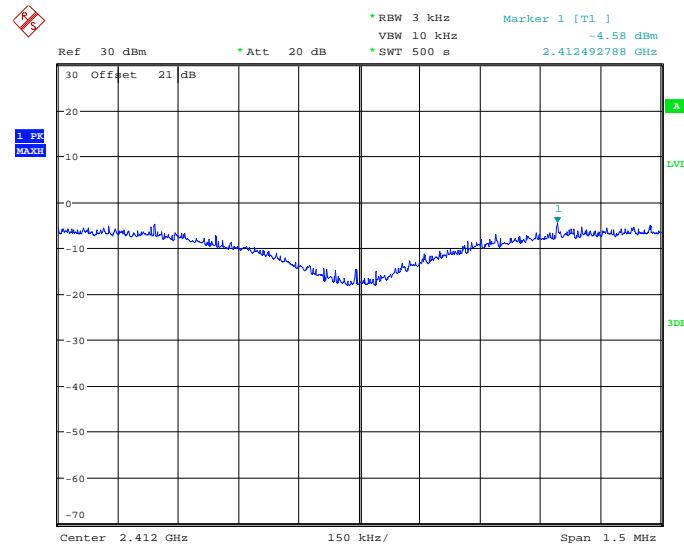
Mode	Channel	Power Spectral Density (dBm/3 kHz)		Conclusion
802.11n (20MHz)	1	/	/	/
	6	/	/	/
	11	/	/	/

802.11n-HT40 mode

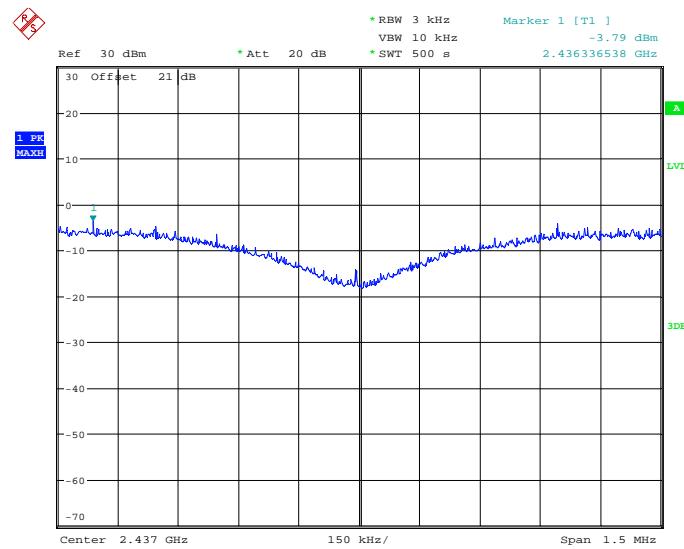
Mode	Channel	Power Spectral Density (dBm/3 kHz)		Conclusion
802.11n (40MHz)	3	/	/	/
	6	/	/	/
	9	/	/	/

Conclusion: PASS

Test graphs as below:

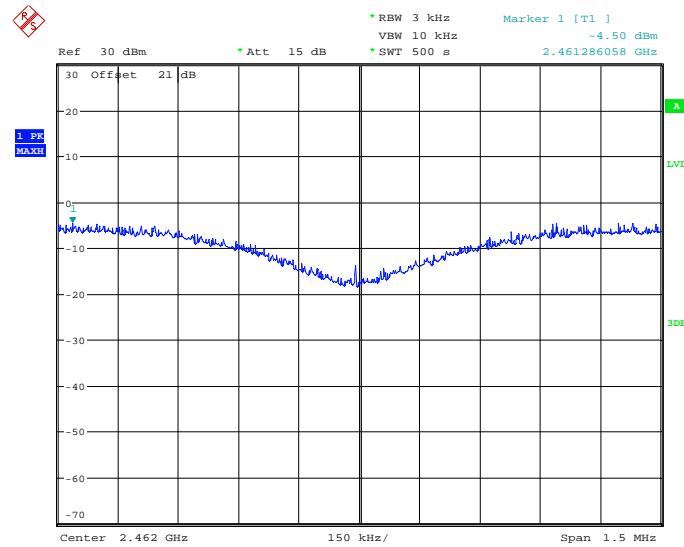


Date: 27.MAY.2012 16:05:43

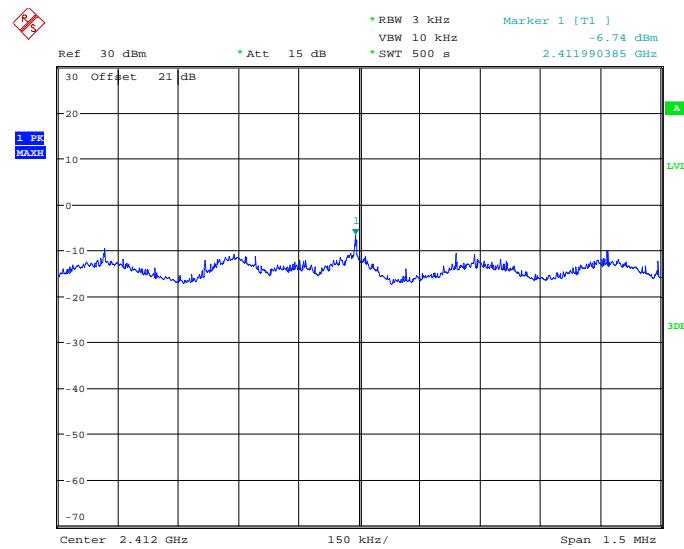
Fig. 1 Power Spectral Density (802.11b, Ch 1)


Date: 27.MAY.2012 17:40:10

Fig. 2 Power Spectral Density (802.11b, Ch 6)

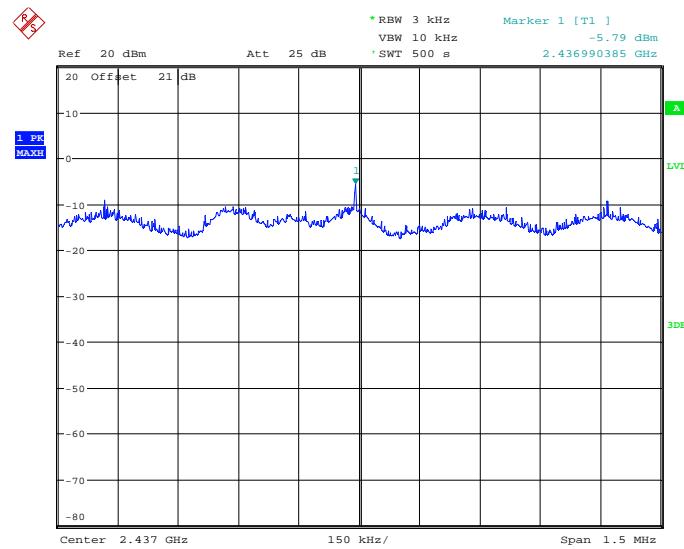


Date: 27.MAY.2012 18:02:59

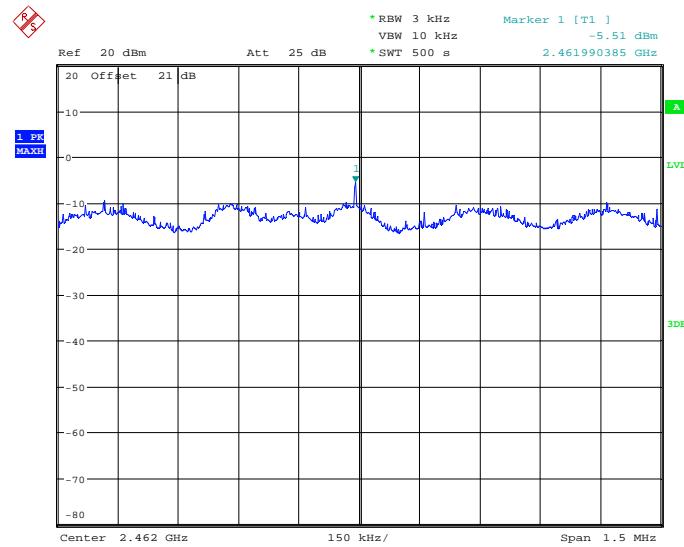
Fig. 3 Power Spectral Density (802.11b, Ch 11)


Date: 27.MAY.2012 18:32:35

Fig. 4 Power Spectral Density (802.11g, Ch 1)



Date: 28.MAY.2012 08:50:02

Fig. 5 Power Spectral Density (802.11g, Ch 6)


Date: 28.MAY.2012 09:28:24

Fig. 6 Power Spectral Density (802.11g, Ch 11)

A.4. Occupied 6dB Bandwidth**Measurement Limit:**

Standard	Limit (kHz)
FCC 47 CFR Part 15.247 (a)	≥ 500

The measurement is made according to ANSI C63.10.

Measurement Uncertainty:

Measurement Uncertainty	60.80Hz
-------------------------	---------

Measurement Result:**802.11b/g mode**

Mode	Channel	Occupied 6dB Bandwidth (kHz)		Conclusion
802.11b	1	Fig.7	10128	P
	6	Fig.8	10128	P
	11	Fig.9	10064	P
802.11g	1	Fig.10	16474	P
	6	Fig.11	16474	P
	11	Fig.12	16538	P

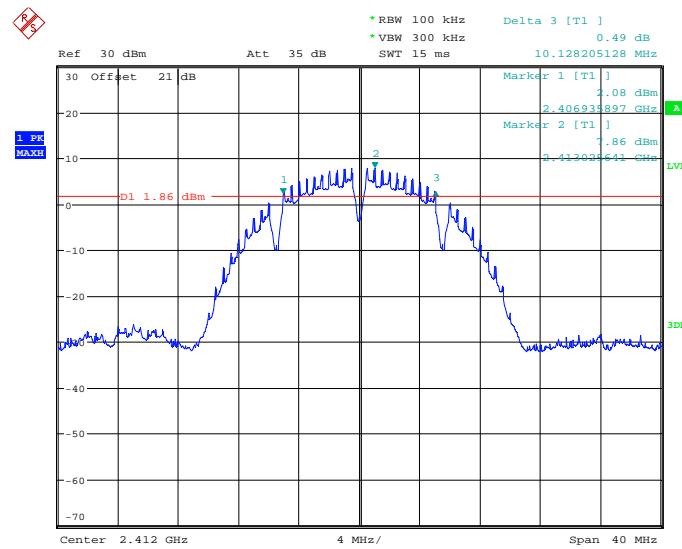
802.11n-HT20 mode

Mode	Channel	Occupied 6dB Bandwidth (kHz)		Conclusion
802.11n (20MHz)	1	/	/	/
	6	/	/	/
	11	/	/	/

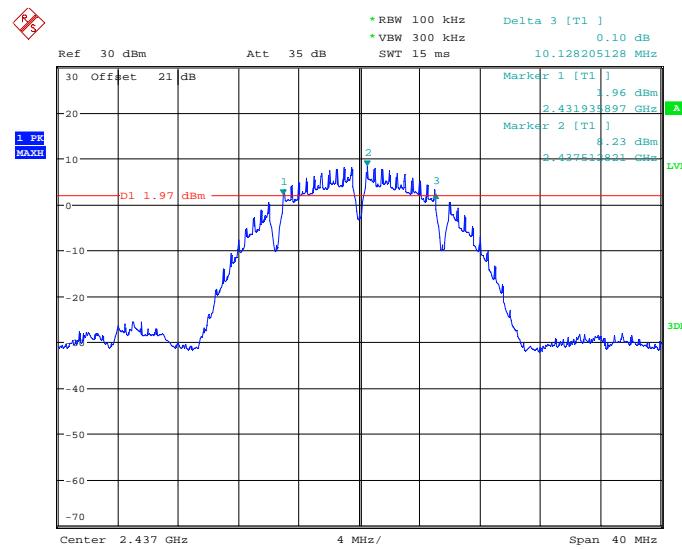
802.11n-HT40 mode

Mode	Channel	Occupied 6dB Bandwidth (kHz)		Conclusion
802.11n (40MHz)	3	/	/	/
	6	/	/	/
	9	/	/	/

Conclusion: PASS**Test graphs as below:**

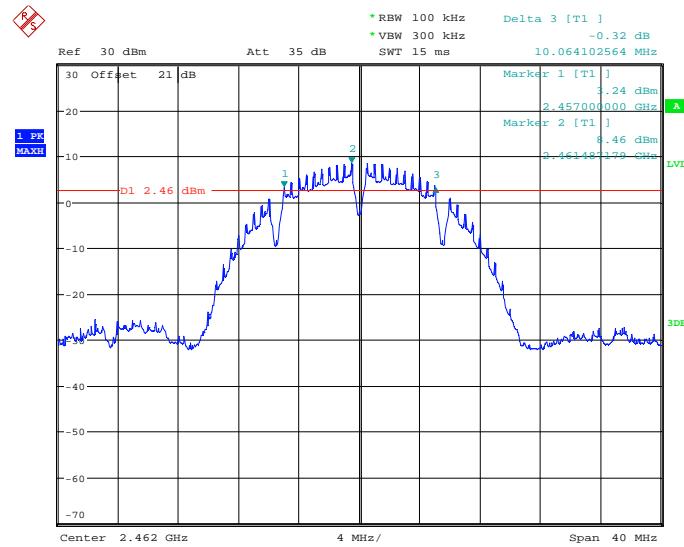


Date: 27.MAY.2012 14:33:59

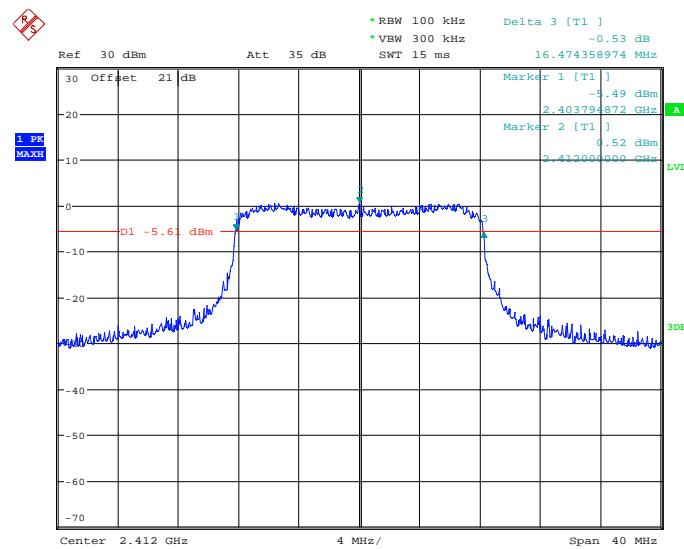
Fig. 7 Occupied 6dB Bandwidth (802.11b, Ch 1)


Date: 27.MAY.2012 14:36:29

Fig. 8 Occupied 6dB Bandwidth (802.11b, Ch 6)

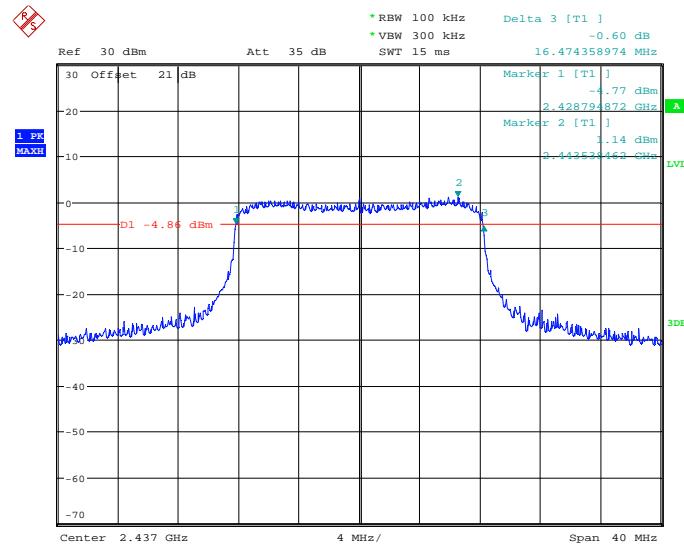


Date: 27.MAY.2012 14:39:02

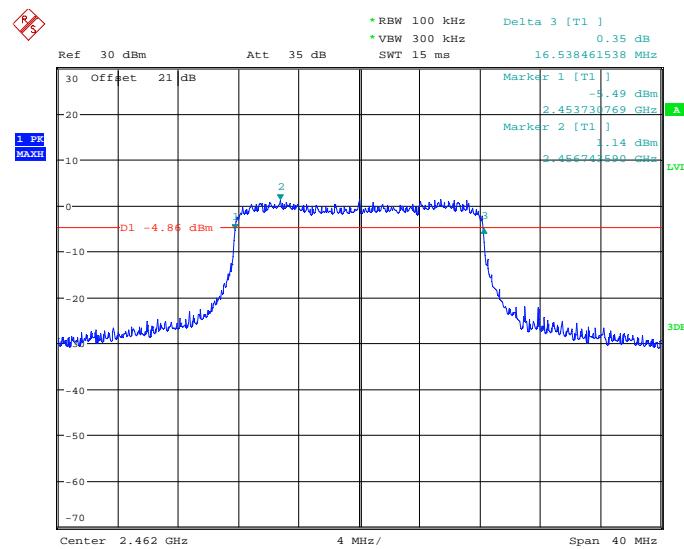
Fig. 9 Occupied 6dB Bandwidth (802.11b, Ch 11)


Date: 27.MAY.2012 14:42:40

Fig. 10 Occupied 6dB Bandwidth (802.11g, Ch 1)



Date: 27.MAY.2012 14:44:34

Fig. 11 Occupied 6dB Bandwidth (802.11g, Ch 6)


Date: 27.MAY.2012 14:46:12

Fig. 12 Occupied 6dB Bandwidth (802.11g, Ch 11)

A.5. Band Edges Compliance

Measurement Limit:

Standard	Limit (dBc)
FCC 47 CFR Part 15.247 (d)	> 20

The measurement is made according to ANSI C63.10.

Measurement Uncertainty:

Measurement Uncertainty	0.75dB
-------------------------	--------

Measurement Result:**802.11b/g mode**

Mode	Channel	Test Results	Conclusion
802.11b	1	Fig.13	P
	11	Fig.14	P
802.11g	1	Fig.15	P
	11	Fig.16	P

802.11n-HT20 mode

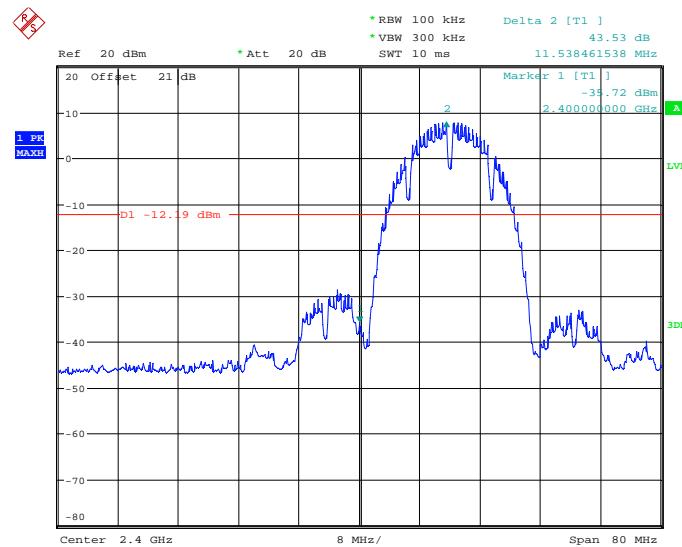
Mode	Channel	Test Results	Conclusion
802.11n (20MHz)	1	/	/
	11	/	/

802.11n-HT40 mode

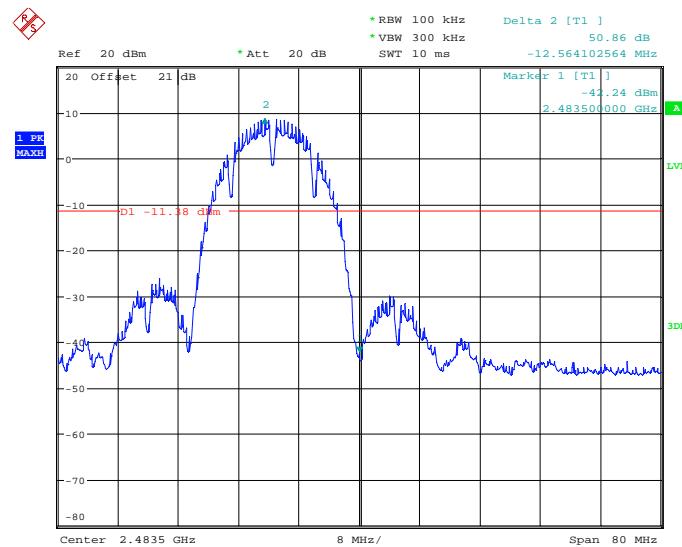
Mode	Channel	Test Results	Conclusion
802.11n (40MHz)	3	/	/
	9	/	/

Conclusion: PASS

Test graphs as below:

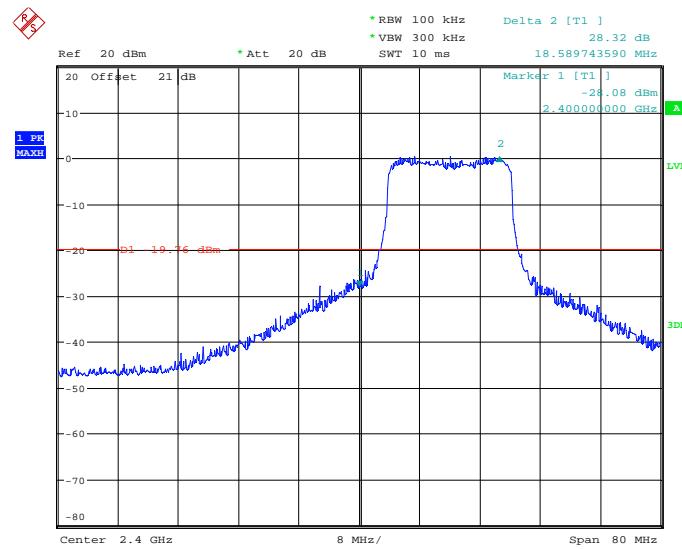
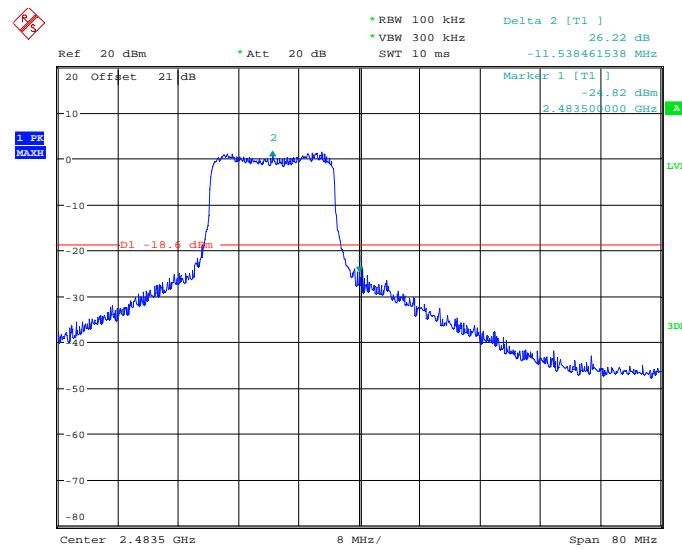


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Fig. 13 Band Edges (802.11b, Ch 1)


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Fig. 14 Band Edges (802.11b, Ch 11)


Fig. 15 Band Edges (802.11g, Ch 1)

Fig. 16 Band Edges (802.11g, Ch 11)

A.6. Transmitter Spurious Emission

A.6.1 Transmitter Spurious Emission - Conducted

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.247 (d)	20dB below peak output power in 100 kHz bandwidth

The measurement is made according to ANSI C63.10.

Measurement Uncertainty:

Frequency Range	Uncertainty
30MHz ≤ f ≤ 2GHz	0.63
2GHz ≤ f ≤ 3.6GHz	0.82
3.6GHz ≤ f ≤ 8GHz	1.55
8GHz ≤ f ≤ 20GHz	1.86
20GHz ≤ f ≤ 22GHz	1.90
22GHz ≤ f ≤ 26GHz	2.20

Measurement Results:

802.11b/g mode

MODE	Channel	Frequency Range	Test Results	Conclusion
802.11b	1	2.412 GHz	Fig.17	P
		30 MHz ~ 1 GHz	Fig.18	P
		1 GHz ~ 2.5 GHz	Fig.19	P
		2.5 GHz ~ 7.5 GHz	Fig.20	P
		7.5 GHz ~ 10 GHz	Fig.21	P
		10 GHz ~ 15 GHz	Fig.22	P
		15 GHz ~ 20 GHz	Fig.23	P
		20 GHz ~ 26 GHz	Fig.24	P
	6	2.437 GHz	Fig.25	P
		30 MHz ~ 1 GHz	Fig.26	P
		1 GHz ~ 2.5 GHz	Fig.27	P
		2.5 GHz ~ 7.5 GHz	Fig.28	P
		7.5 GHz ~ 10 GHz	Fig.29	P
		10 GHz ~ 15 GHz	Fig.30	P
		15 GHz ~ 20 GHz	Fig.31	P
		20 GHz ~ 26 GHz	Fig.32	P
	11	2.462 GHz	Fig.33	P
		30 MHz ~ 1 GHz	Fig.34	P
		1 GHz ~ 2.5 GHz	Fig.35	P
		2.5 GHz ~ 7.5 GHz	Fig.36	P

		7.5 GHz ~ 10 GHz	Fig.37	P
		10 GHz ~ 15 GHz	Fig.38	P
		15 GHz ~ 20 GHz	Fig.39	P
		20 GHz ~ 26 GHz	Fig.40	P
802.11g	1	2.412 GHz	Fig.41	P
		30 MHz ~ 1 GHz	Fig.42	P
		1 GHz ~ 2.5 GHz	Fig.43	P
		2.5 GHz ~ 7.5 GHz	Fig.44	P
		7.5 GHz ~ 10 GHz	Fig.45	P
		10 GHz ~ 15 GHz	Fig.46	P
		15 GHz ~ 20 GHz	Fig.47	P
		20 GHz ~ 26 GHz	Fig.48	P
802.11g	6	2.437 GHz	Fig.49	P
		30 MHz ~ 1 GHz	Fig.50	P
		1 GHz ~ 2.5 GHz	Fig.51	P
		2.5 GHz ~ 7.5 GHz	Fig.52	P
		7.5 GHz ~ 10 GHz	Fig.53	P
		10 GHz ~ 15 GHz	Fig.54	P
		15 GHz ~ 20 GHz	Fig.55	P
		20 GHz ~ 26 GHz	Fig.56	P
802.11g	11	2.462 GHz	Fig.57	P
		30 MHz ~ 1 GHz	Fig.58	P
		1 GHz ~ 2.5 GHz	Fig.59	P
		2.5 GHz ~ 7.5 GHz	Fig.60	P
		7.5 GHz ~ 10 GHz	Fig.61	P
		10 GHz ~ 15 GHz	Fig.62	P
		15 GHz ~ 20 GHz	Fig.63	P
		20 GHz ~ 26 GHz	Fig.64	P

802.11n-HT20 mode

MODE	Channel	Frequency Range	Test Results	Conclusion
802.11n (20MHz)	1	2.412 GHz	/	/
		30 MHz ~ 1 GHz	/	/
		1 GHz ~ 2.5 GHz	/	/
		2.5 GHz ~ 7.5 GHz	/	/
		7.5 GHz ~ 10 GHz	/	/
		10 GHz ~ 15 GHz	/	/
		15 GHz ~ 20 GHz	/	/
		20 GHz ~ 26 GHz	/	/
802.11n (20MHz)	6	2.437 GHz	/	/
		30 MHz ~ 1 GHz	/	/
		1 GHz ~ 2.5 GHz	/	/
		2.5 GHz ~ 7.5 GHz	/	/
		7.5 GHz ~ 10 GHz	/	/
		10 GHz ~ 15 GHz	/	/
		15 GHz ~ 20 GHz	/	/
		20 GHz ~ 26 GHz	/	/
802.11n (20MHz)	11	2.462 GHz	/	/
		30 MHz ~ 1 GHz	/	/
		1 GHz ~ 2.5 GHz	/	/
		2.5 GHz ~ 7.5 GHz	/	/
		7.5 GHz ~ 10 GHz	/	/
		10 GHz ~ 15 GHz	/	/
		15 GHz ~ 20 GHz	/	/
		20 GHz ~ 26 GHz	/	/

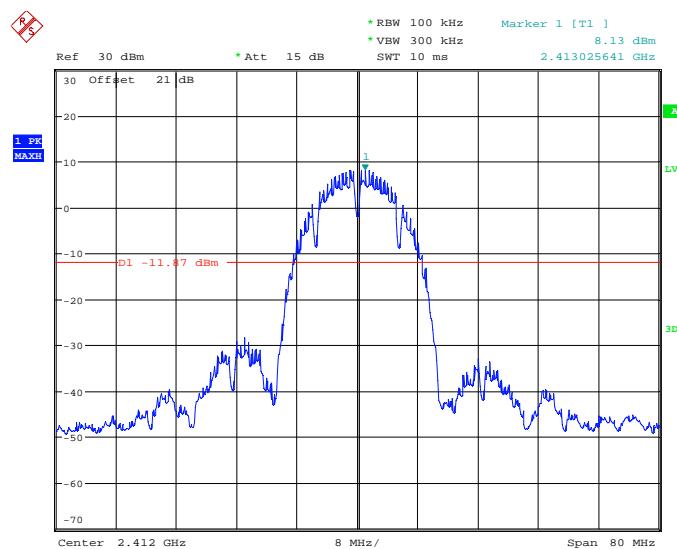
802.11n-HT40 mode

MODE	Channel	Frequency Range	Test Results	Conclusion
802.11n (40MHz)	3	2.422 GHz	/	/
		30 MHz ~ 1 GHz	/	/
		1 GHz ~ 2.5 GHz	/	/
		2.5 GHz ~ 7.5 GHz	/	/
		7.5 GHz ~ 10 GHz	/	/
		10 GHz ~ 15 GHz	/	/
		15 GHz ~ 20 GHz	/	/
		20 GHz ~ 26 GHz	/	/
802.11n (40MHz)	6	2.437 GHz	/	/
		30 MHz ~ 1 GHz	/	/
		1 GHz ~ 2.5 GHz	/	/
		2.5 GHz ~ 7.5 GHz	/	/
		7.5 GHz ~ 10 GHz	/	/
		10 GHz ~ 15 GHz	/	/

		15 GHz ~ 20 GHz	/	/
		20 GHz ~ 26 GHz	/	/
9	2.452 GHz		/	/
	30 MHz ~ 1 GHz		/	/
	1 GHz ~ 2.5 GHz		/	/
	2.5 GHz ~ 7.5 GHz		/	/
	7.5 GHz ~ 10 GHz		/	/
	10 GHz ~ 15 GHz		/	/
	15 GHz ~ 20 GHz		/	/
	20 GHz ~ 26 GHz		/	/

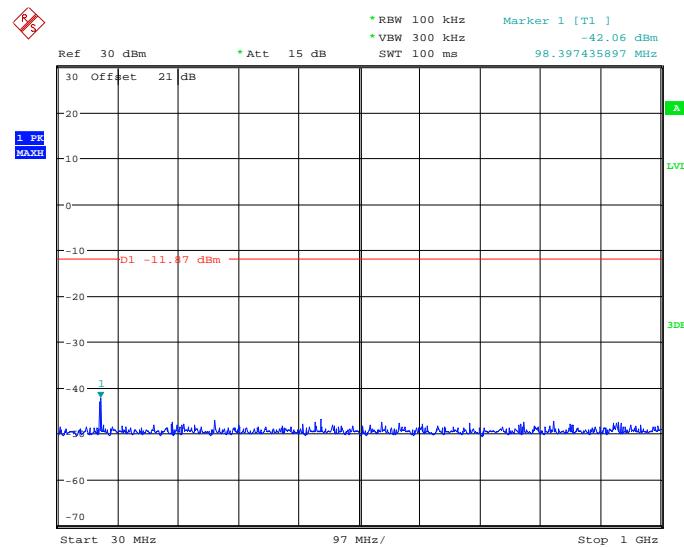
Conclusion: PASS

Test graphs as below:

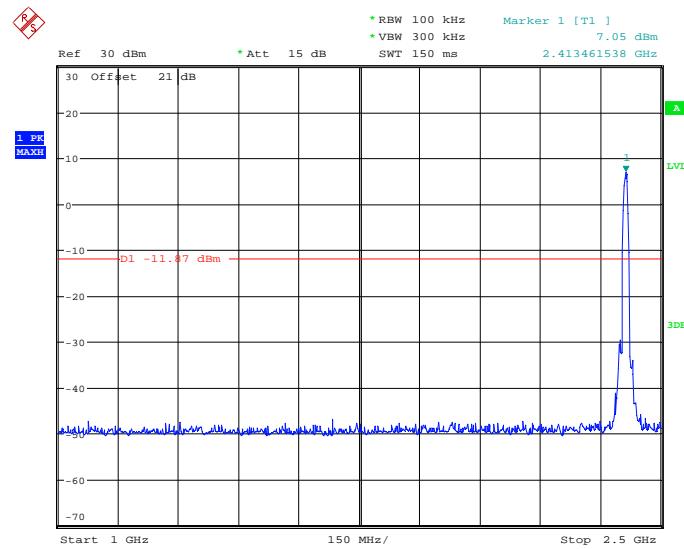


Date: 28.MAY.2012 08:10:17

Fig. 17 Conducted Spurious Emission (802.11b, Ch1, Center Frequency)



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Fig. 18 Conducted Spurious Emission (802.11b, Ch1, 30 MHz-1 GHz)


Date: 28.MAY.2012 08:10:57

Fig. 19 Conducted Spurious Emission (802.11b, Ch1, 1 GHz-2.5 GHz)

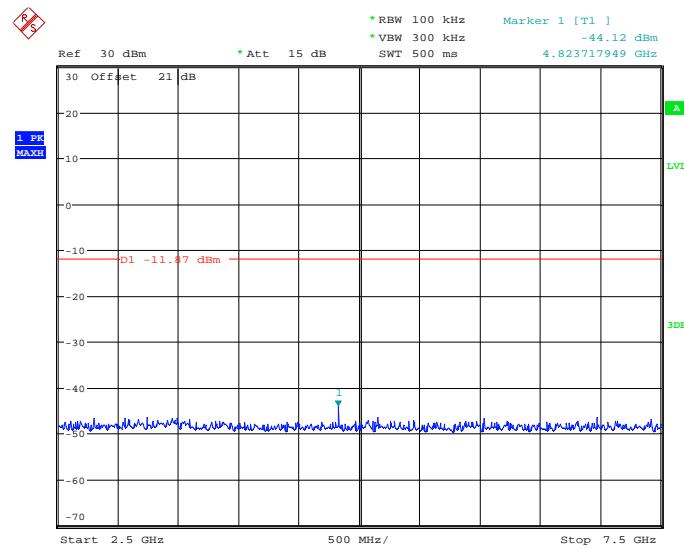


Fig. 20 Conducted Spurious Emission (802.11b, Ch1, 2.5 GHz-7.5 GHz)

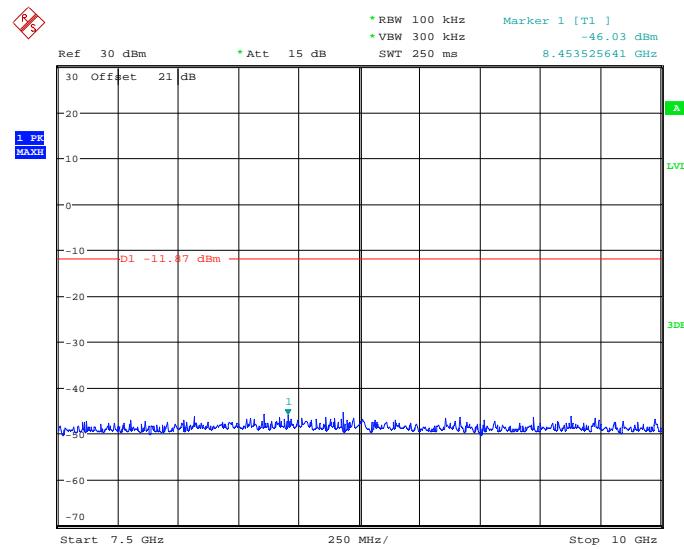
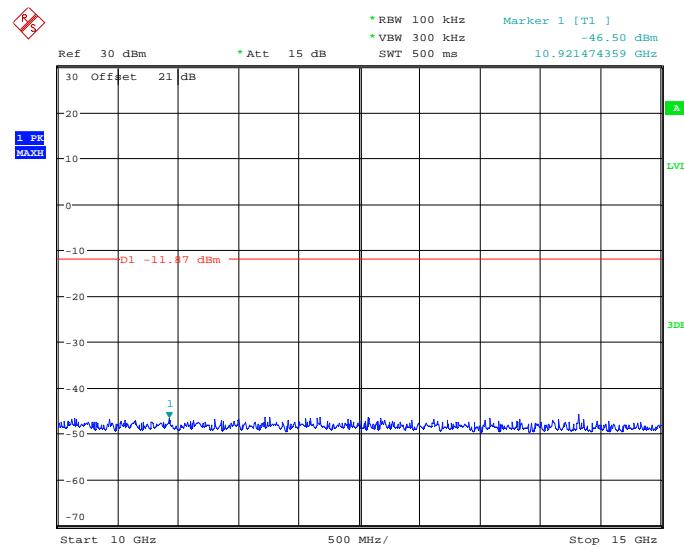
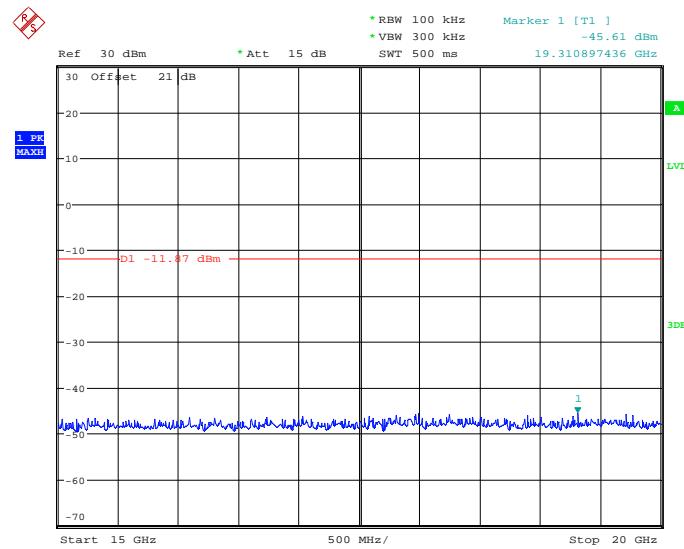


Fig. 21 Conducted Spurious Emission (802.11b, Ch1, 7.5 GHz-10 GHz)

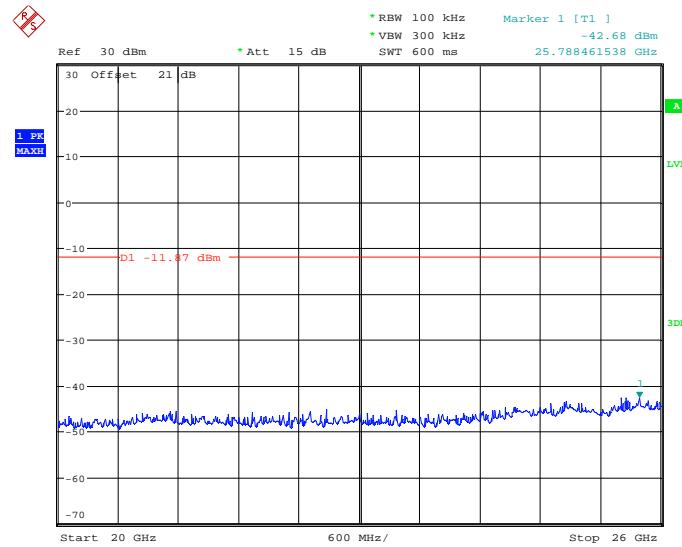


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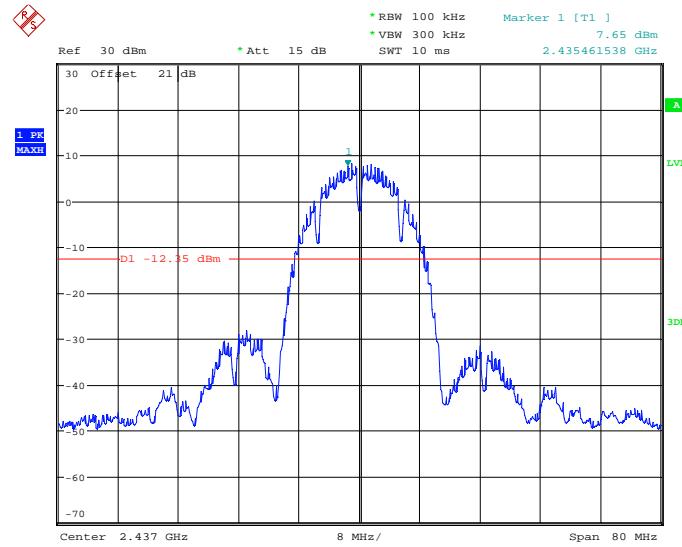
Fig. 22 Conducted Spurious Emission (802.11b, Ch1, 10 GHz-15 GHz)


Date: 28.MAY.2012 08:12:34

Fig. 23 Conducted Spurious Emission (802.11b, Ch1, 15 GHz-20 GHz)



Date: 28.MAY.2012 08:12:49

Fig. 24 Conducted Spurious Emission (802.11b, Ch1, 20 GHz-26 GHz)


Date: 28.MAY.2012 08:13:36

Fig. 25 Conducted Spurious Emission (802.11b, Ch6, Center Frequency)

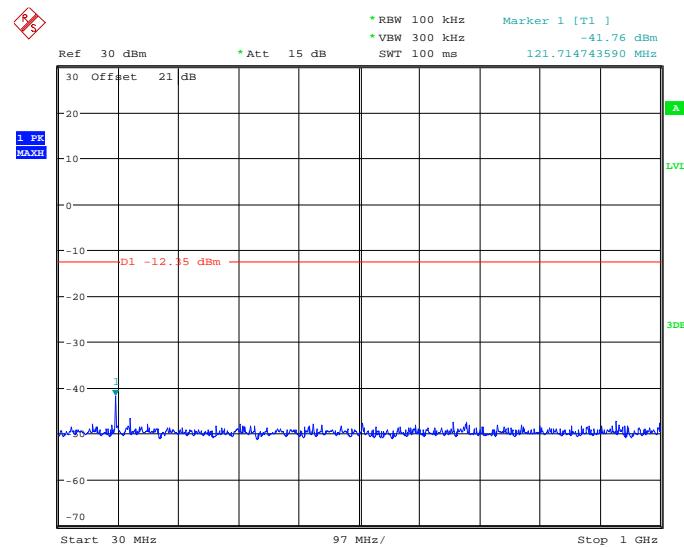


Fig. 26 Conducted Spurious Emission (802.11b, Ch6, 30 MHz-1 GHz)

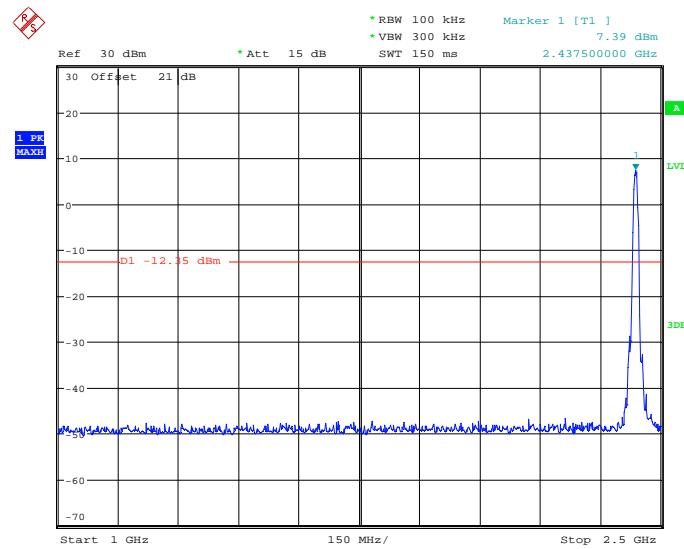
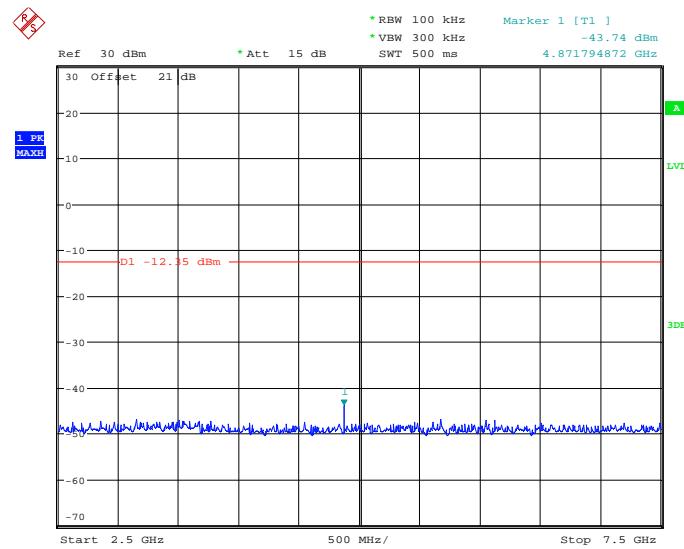
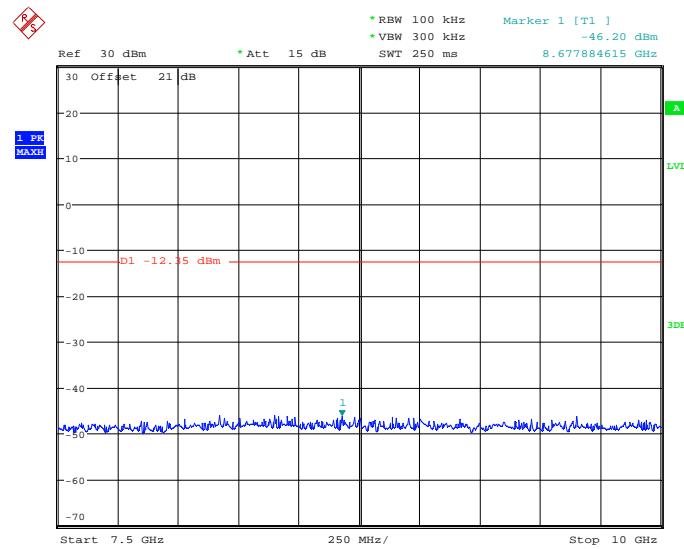


Fig. 27 Conducted Spurious Emission (802.11b, Ch6, 1 GHz-2.5 GHz)



Date: 28.MAY.2012 08:14:40

Fig. 28 Conducted Spurious Emission (802.11b, Ch6, 2.5 GHz-7.5 GHz)


Date: 28.MAY.2012 08:14:59

Fig. 29 Conducted Spurious Emission (802.11b, Ch6, 7.5 GHz-10 GHz)

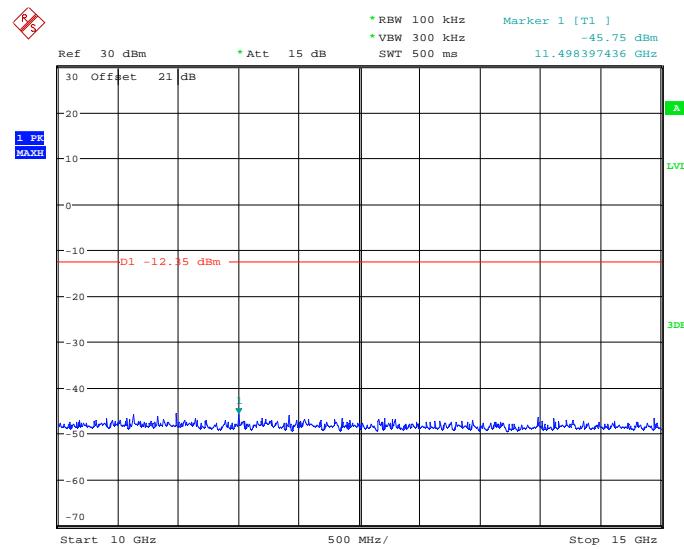


Fig. 30 Conducted Spurious Emission (802.11b, Ch6, 10 GHz-15 GHz)

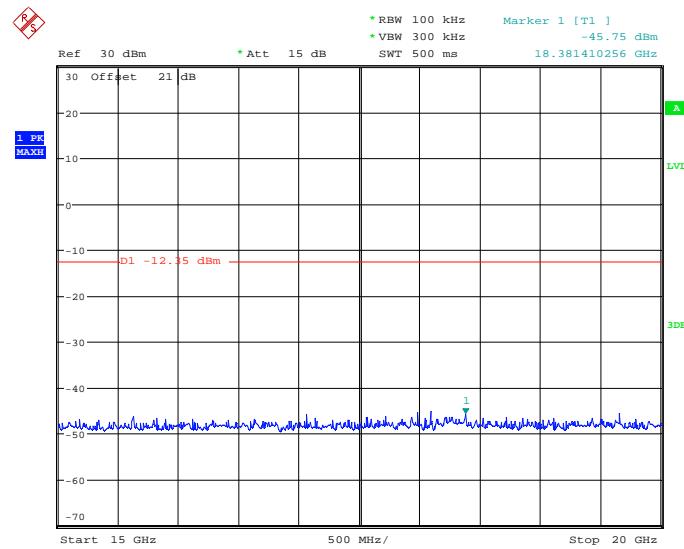
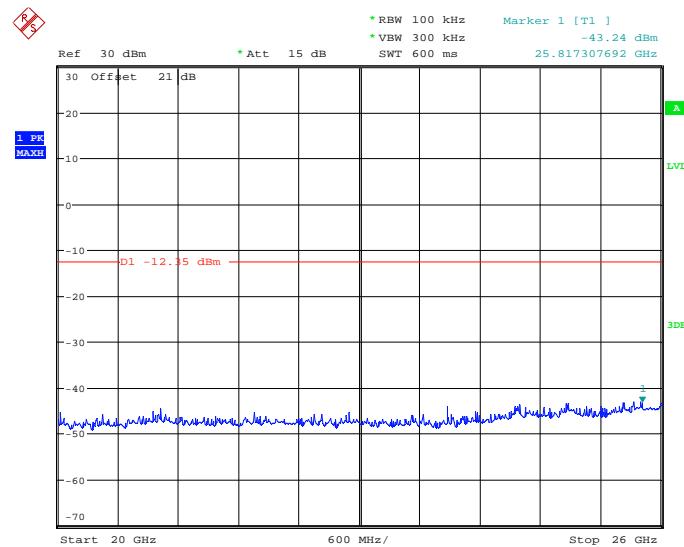
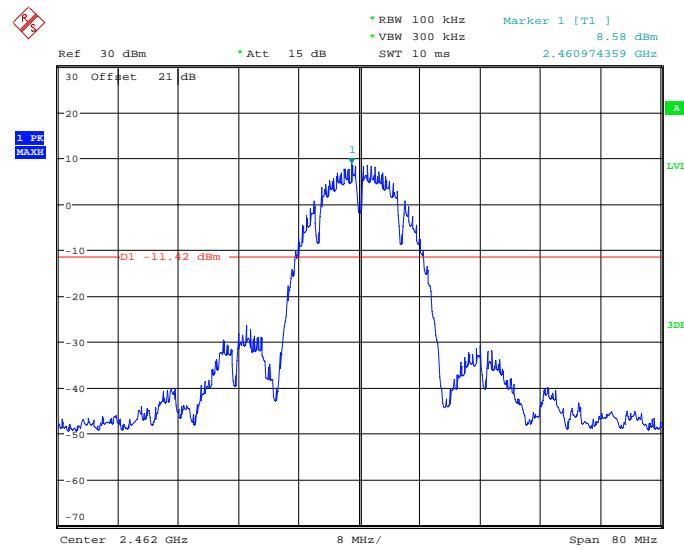


Fig. 31 Conducted Spurious Emission (802.11b, Ch6, 15 GHz-20 GHz)

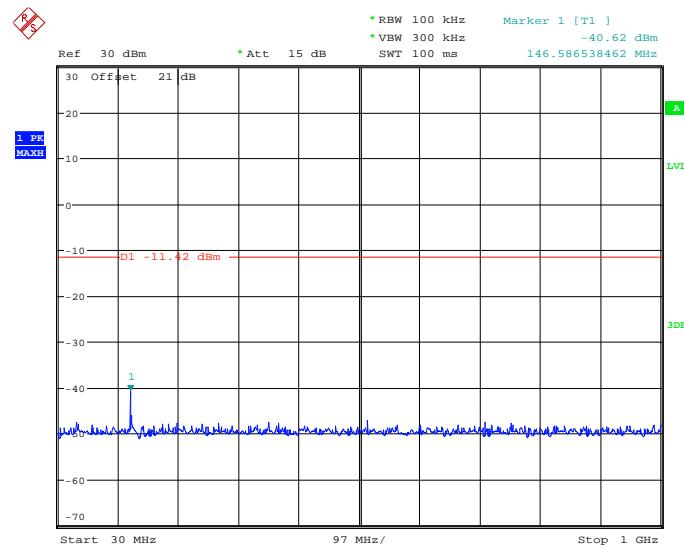


Date: 28.MAY.2012 08:16:03

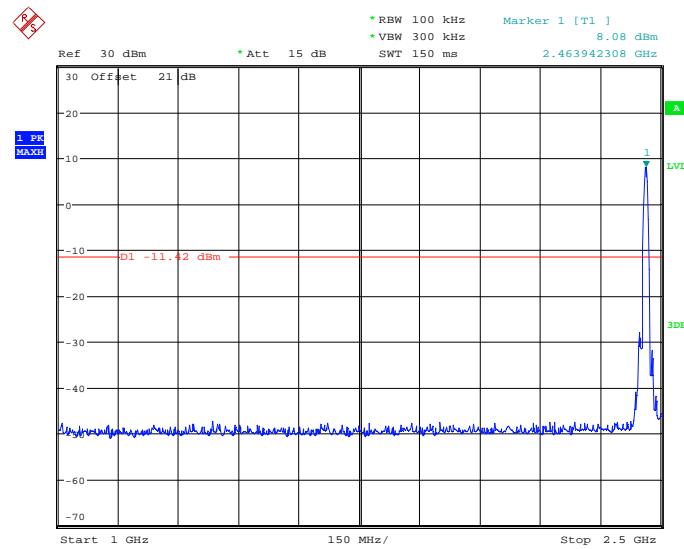
Fig. 32 Conducted Spurious Emission (802.11b, Ch6, 20 GHz-26 GHz)


Date: 28.MAY.2012 08:16:51

Fig. 33 Conducted Spurious Emission (802.11b, Ch11, Center Frequency)

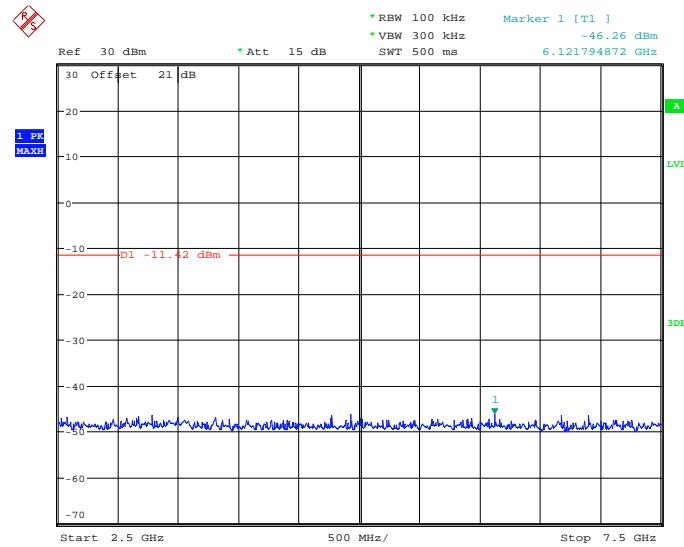


Date: 28.MAY.2012 08:17:22

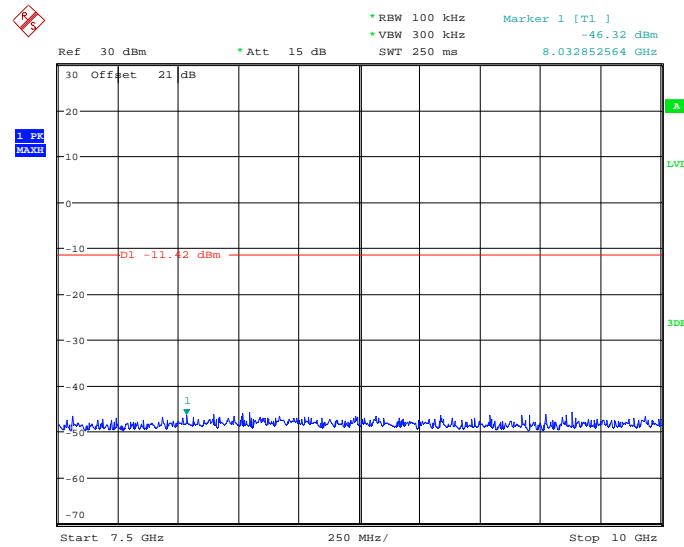
Fig. 34 Conducted Spurious Emission (802.11b, Ch11, 30 MHz-1 GHz)


Date: 28.MAY.2012 08:17:38

Fig. 35 Conducted Spurious Emission (802.11b, Ch11, 1 GHz-2.5 GHz)

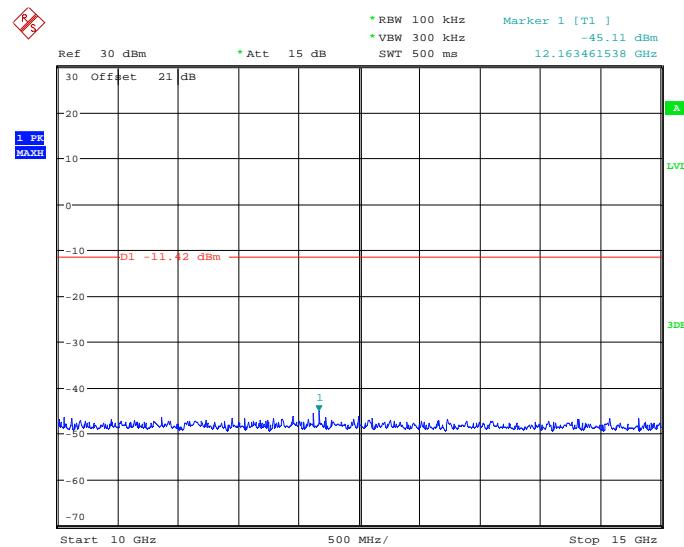


Date: 28.MAY.2012 08:18:01

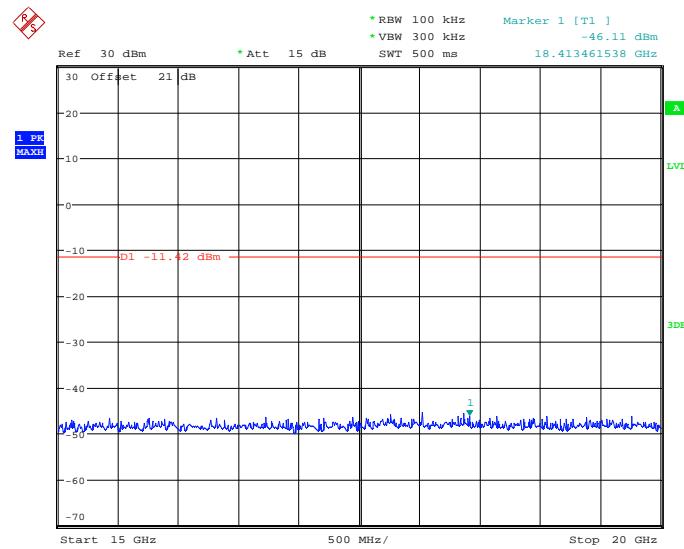
Fig. 36 Conducted Spurious Emission (802.11b, Ch11, 2.5 GHz-7.5 GHz)


Date: 28.MAY.2012 08:18:22

Fig. 37 Conducted Spurious Emission (802.11b, Ch11, 7.5 GHz-10 GHz)



Date: 28.MAY.2012 08:18:45

Fig. 38 Conducted Spurious Emission (802.11b, Ch11, 10 GHz-15 GHz)


Date: 28.MAY.2012 08:19:03

Fig. 39 Conducted Spurious Emission (802.11b, Ch11, 15 GHz-20 GHz)

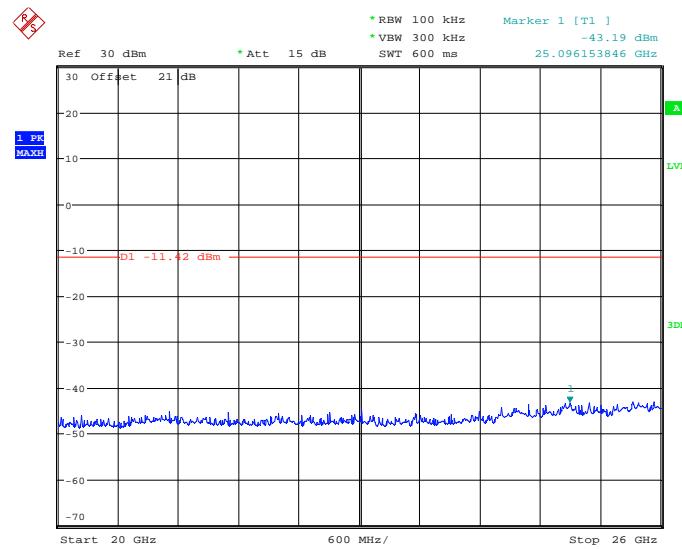


Fig. 40 Conducted Spurious Emission (802.11b, Ch11, 20 GHz-26 GHz)

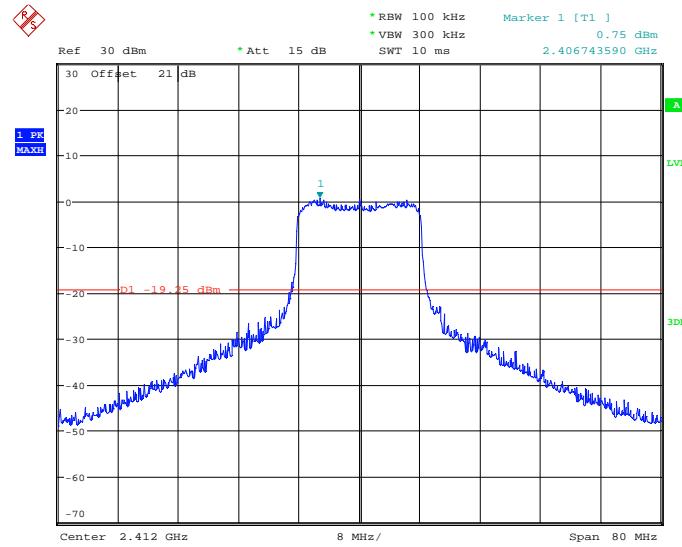
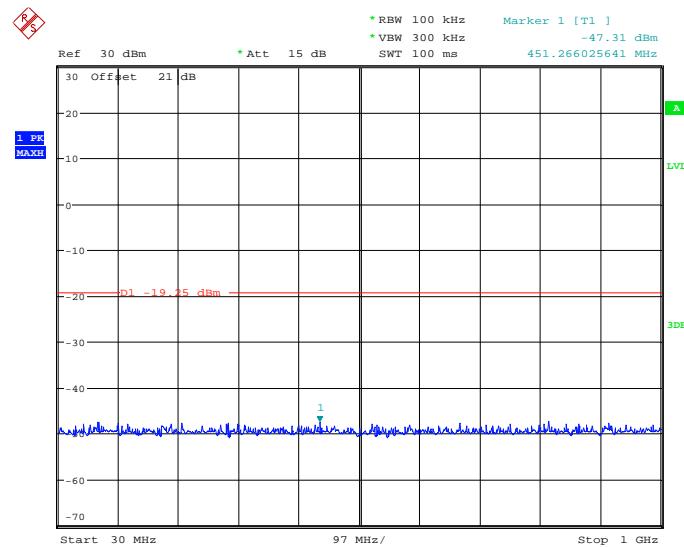
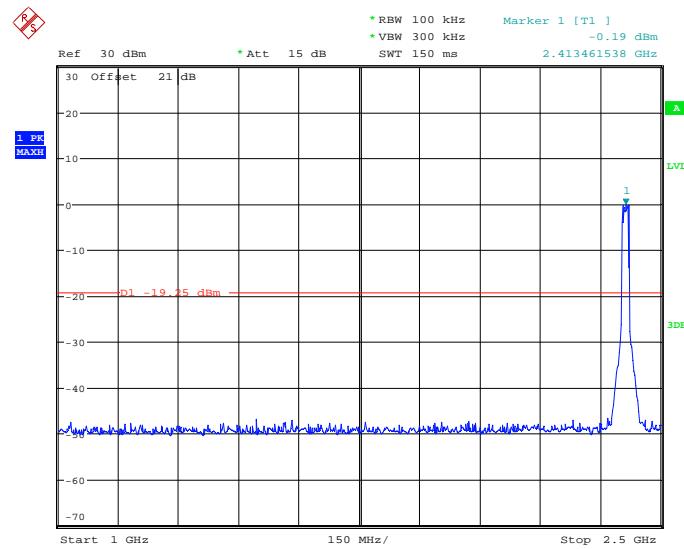


Fig. 41 Conducted Spurious Emission (802.11g, Ch1, Center Frequency)



Date: 28.MAY.2012 08:26:34

Fig. 42 Conducted Spurious Emission (802.11g, Ch1, 30 MHz-1 GHz)


Date: 28.MAY.2012 08:26:52

Fig. 43 Conducted Spurious Emission (802.11g, Ch1, 1 GHz-2.5 GHz)

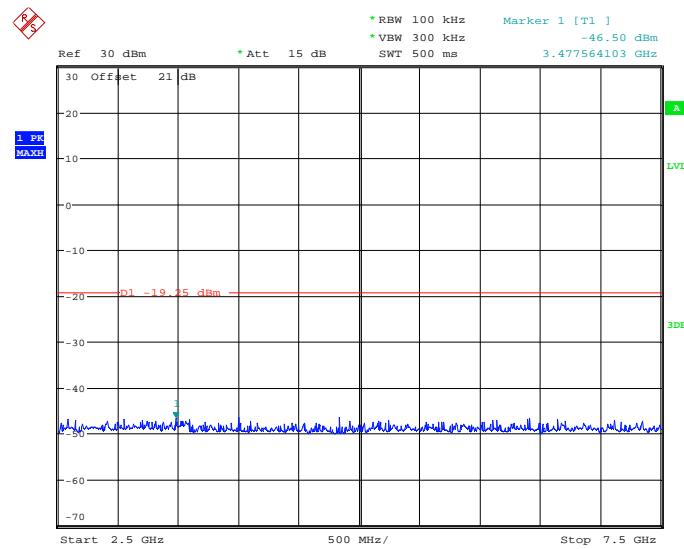


Fig. 44 Conducted Spurious Emission (802.11g, Ch1, 2.5 GHz-7.5 GHz)

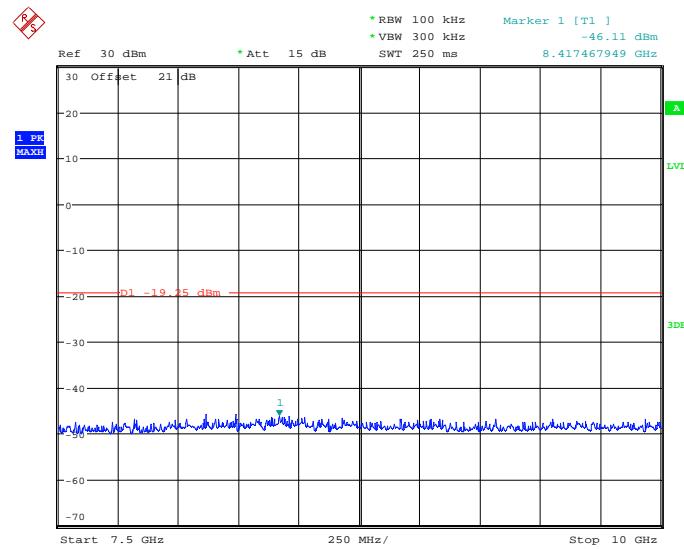
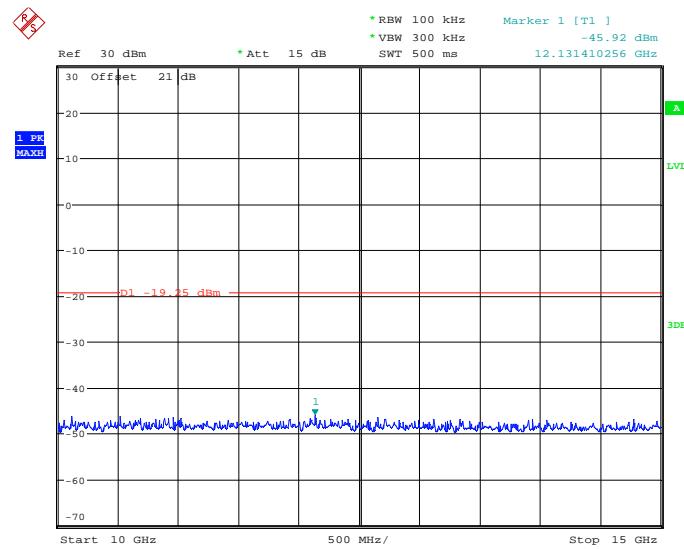
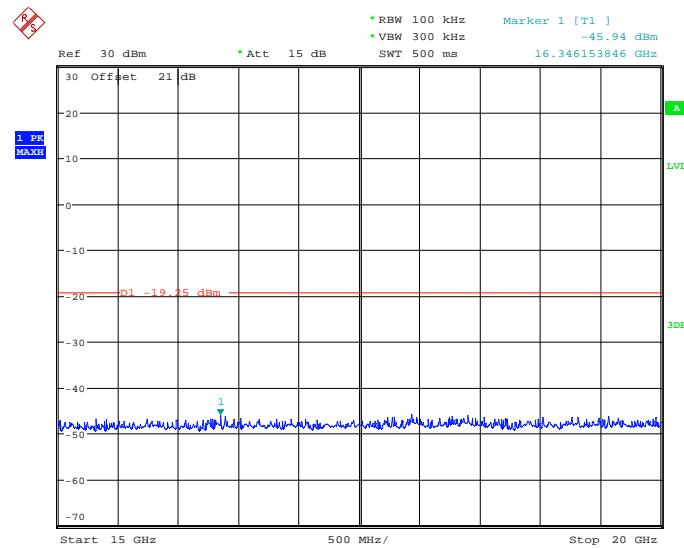


Fig. 45 Conducted Spurious Emission (802.11g, Ch1, 7.5 GHz-10 GHz)

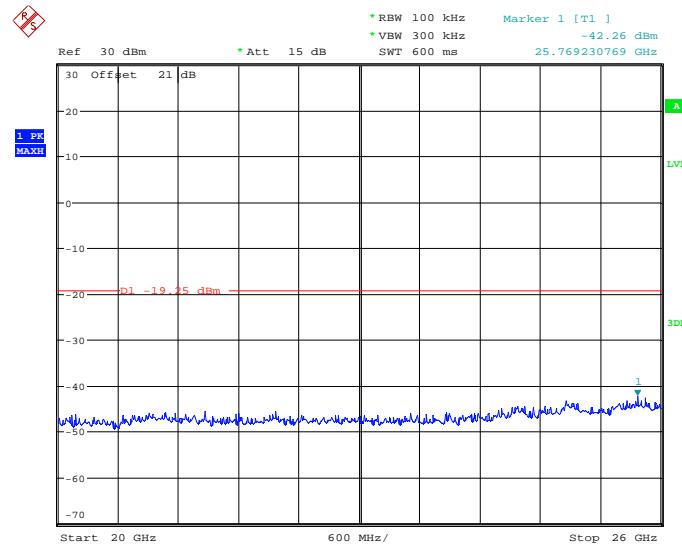


Date: 28.MAY.2012 08:28:25

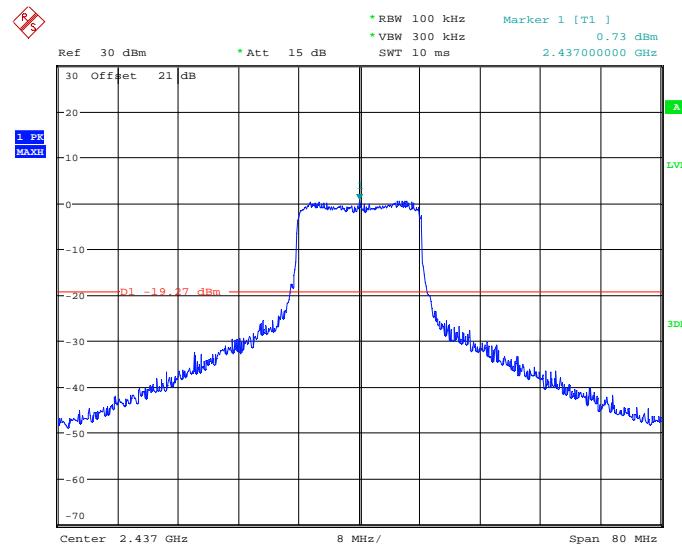
Fig. 46 Conducted Spurious Emission (802.11g, Ch1, 10 GHz-15 GHz)


Date: 28.MAY.2012 08:28:47

Fig. 47 Conducted Spurious Emission (802.11g, Ch1, 15 GHz-20 GHz)

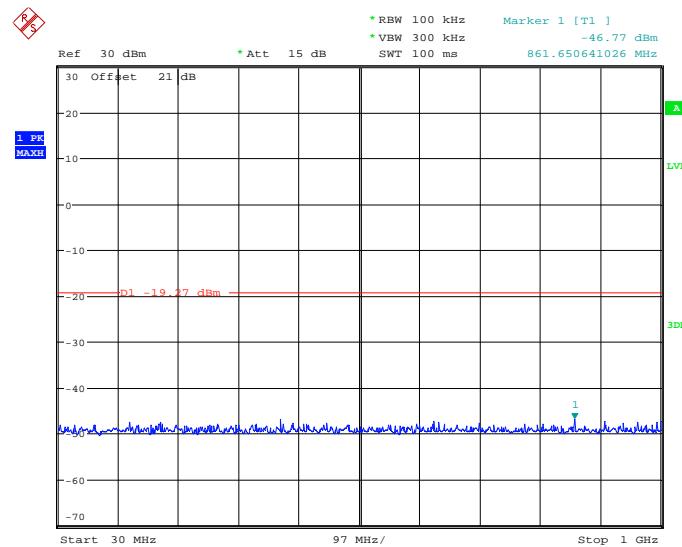


Date: 28.MAY.2012 08:29:06

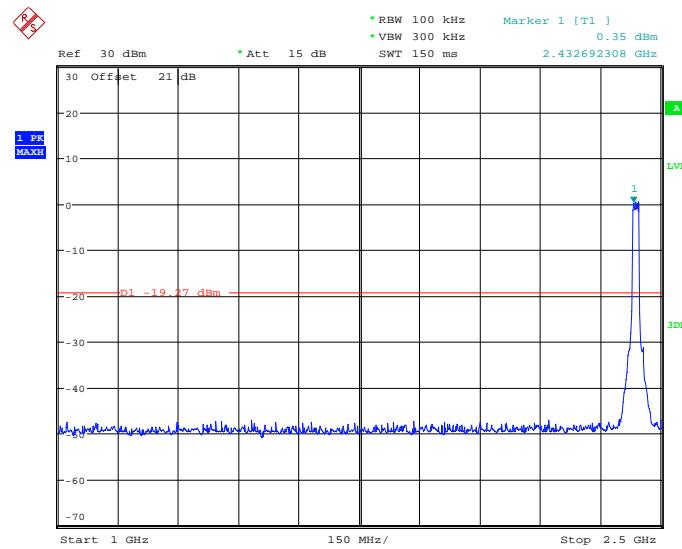
Fig. 48 Conducted Spurious Emission (802.11g, Ch1, 20 GHz-26 GHz)


Date: 28.MAY.2012 08:29:54

Fig. 49 Conducted Spurious Emission (802.11g, Ch6, Center Frequency)

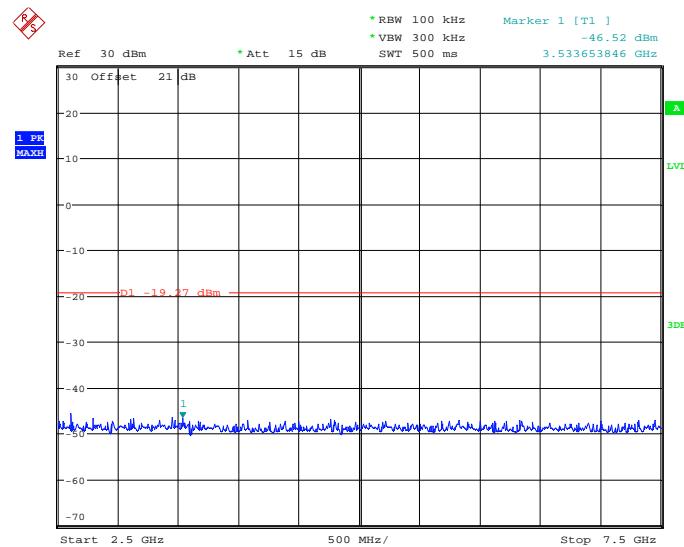


Date: 28.MAY.2012 08:30:23

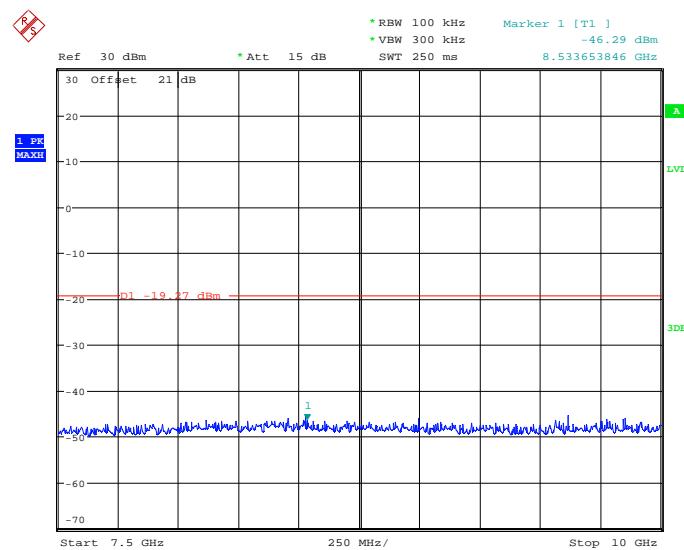
Fig. 50 Conducted Spurious Emission (802.11g, Ch6, 30 MHz-1 GHz)


Date: 28.MAY.2012 08:30:55

Fig. 51 Conducted Spurious Emission (802.11g, Ch6, 1 GHz-2.5 GHz)

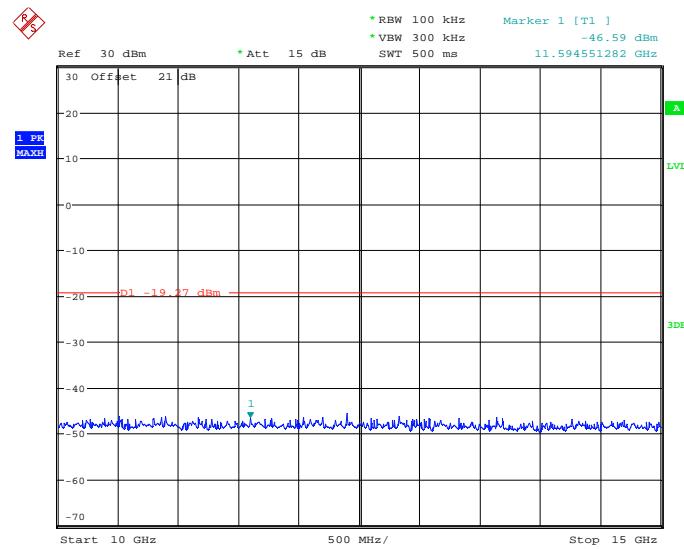


Date: 28.MAY.2012 08:31:22

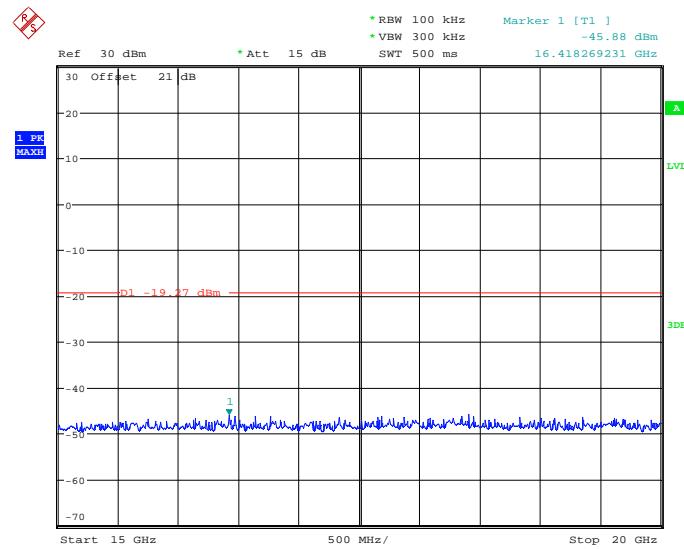
Fig. 52 Conducted Spurious Emission (802.11g, Ch6, 2.5 GHz-7.5 GHz)


Date: 28.MAY.2012 08:31:47

Fig. 53 Conducted Spurious Emission (802.11g, Ch6, 7.5 GHz-10 GHz)

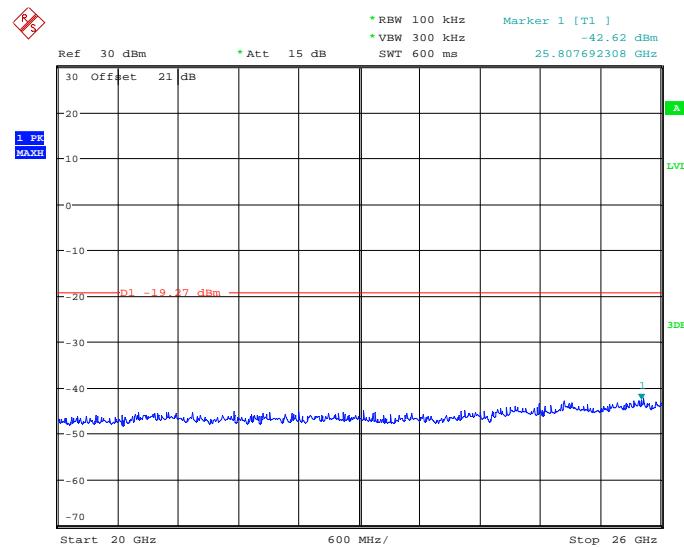


Date: 28.MAY.2012 08:32:12

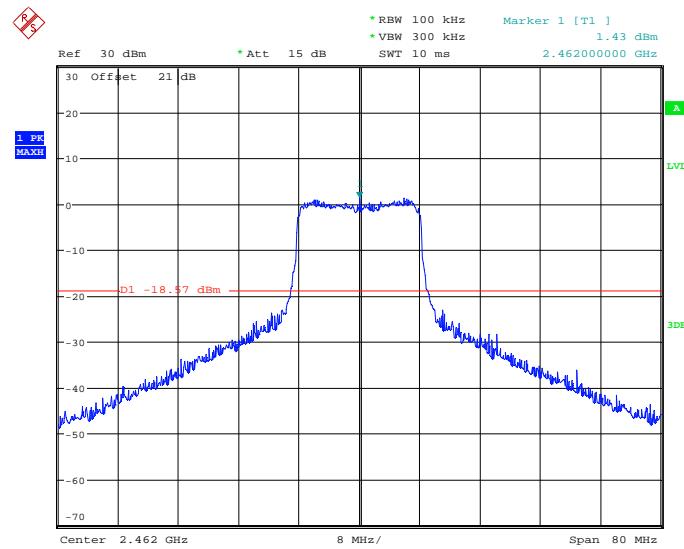
Fig. 54 Conducted Spurious Emission (802.11g, Ch6, 10 GHz-15 GHz)


Date: 28.MAY.2012 08:32:37

Fig. 55 Conducted Spurious Emission (802.11g, Ch6, 15 GHz-20 GHz)

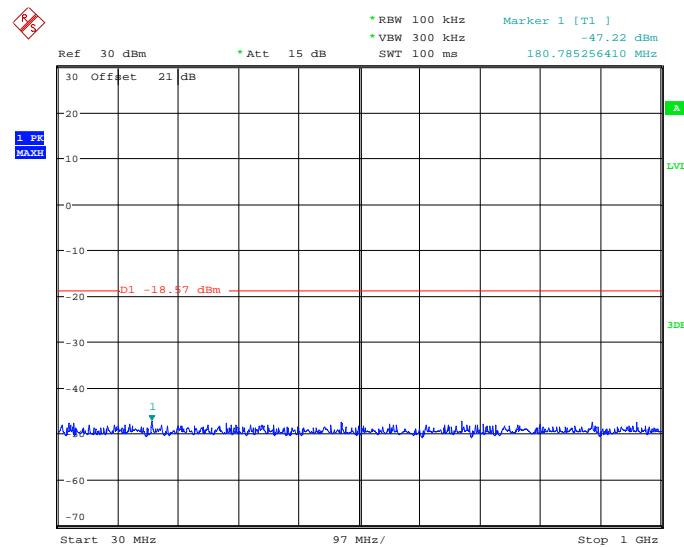


Date: 28.MAY.2012 08:33:45

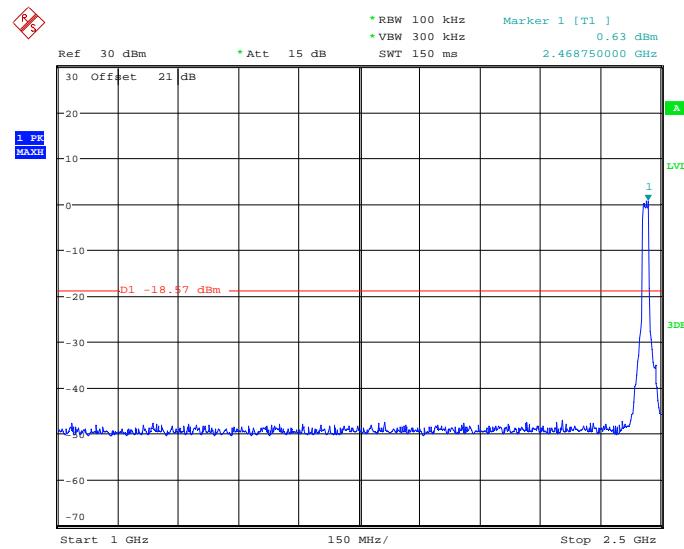
Fig. 56 Conducted Spurious Emission (802.11g, Ch6, 20 GHz-26 GHz)


Date: 28.MAY.2012 08:35:54

Fig. 57 Conducted Spurious Emission (802.11g, Ch11, Center Frequency)

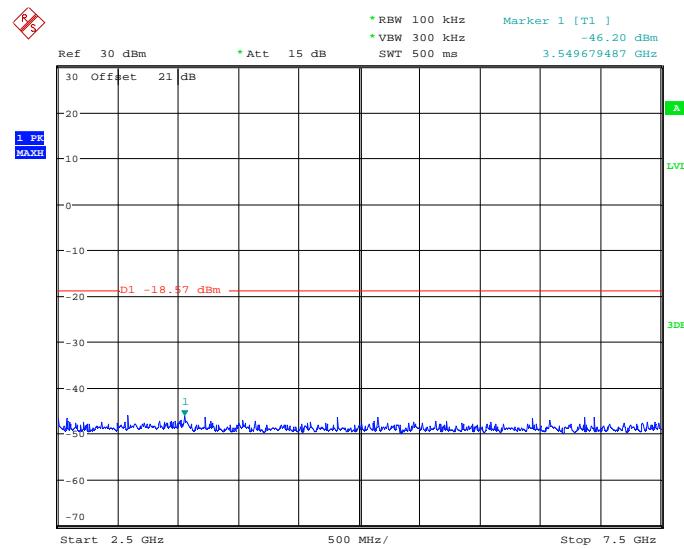


Date: 28.MAY.2012 08:36:14

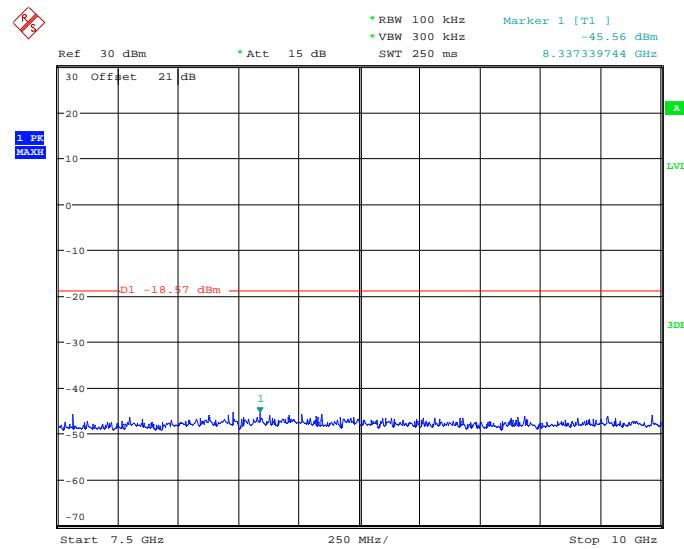
Fig. 58 Conducted Spurious Emission (802.11g, Ch11, 30 MHz-1 GHz)


Date: 28.MAY.2012 08:36:34

Fig. 59 Conducted Spurious Emission (802.11g, Ch11, 1 GHz-2.5 GHz)



Date: 28.MAY.2012 08:36:55

Fig. 60 Conducted Spurious Emission (802.11g, Ch11, 2.5 GHz-7.5 GHz)


Date: 28.MAY.2012 08:37:43

Fig. 61 Conducted Spurious Emission (802.11g, Ch11, 7.5 GHz-10 GHz)

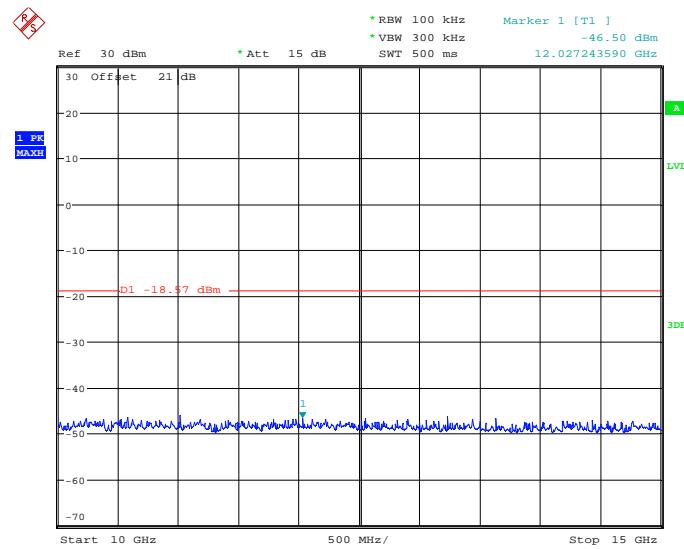


Fig. 62 Conducted Spurious Emission (802.11g, Ch11, 10 GHz-15 GHz)

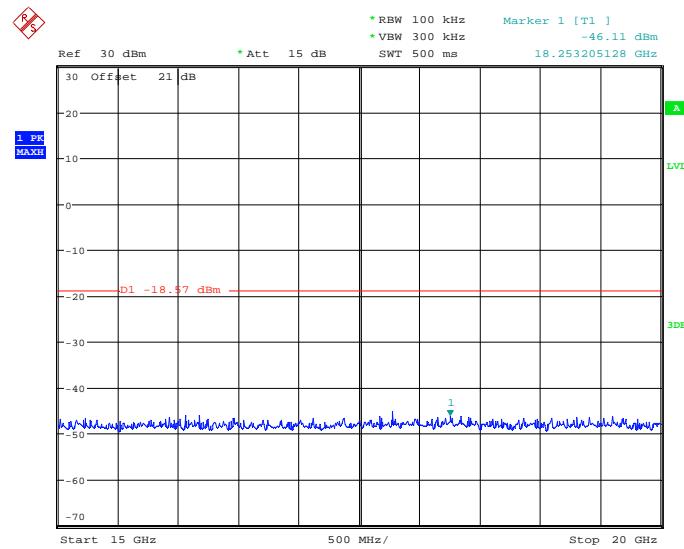


Fig. 63 Conducted Spurious Emission (802.11g, Ch11, 15 GHz-20 GHz)

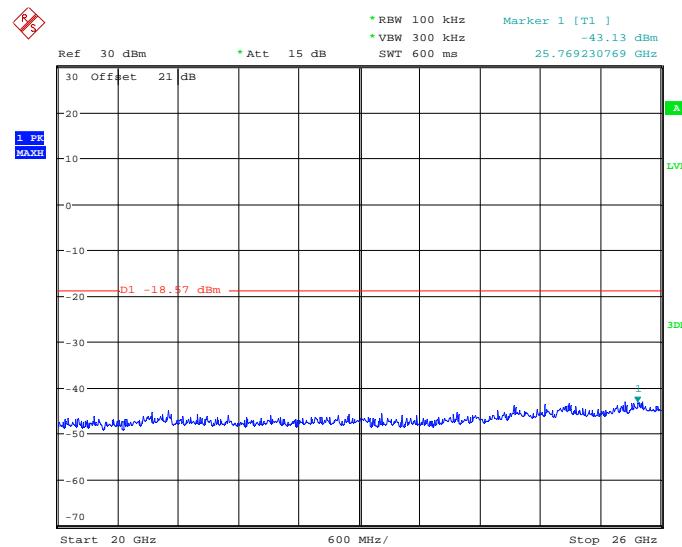


Fig. 64 Conducted Spurious Emission (802.11g, Ch11, 20 GHz-26 GHz)

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