No. **DGA-PL-114/01-02**

TESTING
CNAS L0442

TEST REPORT

No. 2010WLN0215

Product name	**GSM/UMTS mobile phones**
Model	**OPAL A(Market Name:OT-980A)**
Client	**TCT Mobile Limited**
Classification of test	**Type Approval**

Telecommunication Metrology Center

of Ministry of Industry and Information Technology

Notice

1. The test report shall be invalid if there is no “specified stamp for the test report” or the stamp of the test organization on it.
2. Copies of the test report shall be invalid if there is no “specified stamp for the test report” or the stamp of the test organization on it.
3. The test report shall be invalid if there are no signatures of the testing person, reviewing person and approving person on it.
4. The test report shall be invalid if it is altered.
5. Any demurral about the test shall be put forward to the testing organization within 15 days after the receiving of the test report.
6. This test report standalone dose not constitute or imply by its own an approval of the product by any Certification Authorities or Competent Bodies.
7. This report is only valid if complete, and test report shall not be reproduced except in full, without written approval of the laboratory.
8. This report cannot be used partially or in full for publicity and/or promotional purposes without previous written approval of Telecommunication Metrology Center of MIIT and the Accreditation Bodies, if it applies.

Address: No. 52, Huayuan Bei Road, Haidian District, Beijing, P. R. China
(Telecommunication Metrology Center of MIIT)
Post code: 100191
Telephone: +86 10 62304633-2500 Fax: +86 10 62304633-2504
Web site: http://www.emcite.com
E-mail: welcome@emcite.com

Product name	GSM/UMTS mobile phones	Sample Model	OPAL A(Market Name:OT-980A)
Client	TCT Mobile Limited	Type of test	type approval
Factory	TCT Mobile Limited	Sampling arrival date	/
Manufacturer	TCT Mobile Limited		
Sampling/ Sending sample	Sending sample	Sample sent by	/
Sampling location	/	Sampling person	/
Sample quantity	2	Sample matrix	/
Series number of the Sample	012206000012046, 012206000011121		
Manufacture date	/	Manufacture location	/
Test basis	FCC 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. ANSI C63.4 - 2003 KDB558074 Measurement of Digital Transmission Systems Operating under Section 15.247		
Test conclusion	Pass 6 test cases were done. The test results are shown in the clause 6 and annex B. The sample(s) passed all the tests required by the client. Date of issue: 2010-08-20		
Note	The test results relate only to the items tested of the sample(s).		

Approved by (Lu Bingsong) **Reviewed by** (Gao Hong) **Tested by** (Sun Zhenyu)

(Lu Bingsong - **Deputy Director of the laboratory**)

CONTENTS

1. COMPETENCE AND WARRANTIES

Telecommunication Metrology Center of Ministry of Industry and Information Technology is a test laboratory accredited by DAR (DGA) - Deutschen Akkreditierungs Rat (Deutsche Gesellschaft fur Akkreditierung mbH) for the tests indicated in the Certificate No. **DGA-PL-114/01-02**.

Telecommunication Metrology Center of Ministry of Industry and Information Technology is a test laboratory accredited by CNAS - China national Accreditation Service for Conformity Assessment, for the tests indicated in the Certificate No. **L0442**.

Telecommunication Metrology Center of Ministry of Industry and Information Technology (hereinafter TMC of MIIT) is a test laboratory competent to carry out the tests described in this test report.

TMC of MIIT guarantees the reliability of the data presented in this test report, which is the results of measurements and tests performed for the items under test on the date and under the conditions stated in this test report and is based on the knowledge and technical facilities available at **TMC of MIIT** at the time of execution of the test.

TMC of MIIT is liable to the client for the maintenance by its personnel of the confidentiality of all information related to the items under test and the results of the test.

2. TESTING LABORATORY

2.1. Testing Location

Name of Company :	Telecommunication Metrology Center of Ministry of Industry and Information Technology
Address:	No 52, Hua Yuanbei Road, Haidian District, Beijing, P.R.China
Postal Code:	100191
Telephone:	+86-10-62304633-2500
Fax:	+86-10-62304633-25-4

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

Control room did not exceed following limits along the EMC testing:

Temperature	Min. = 15 ℃, Max. = 35 ℃
Relative humidity	Min. =30 %, Max. = 60 %
Shielding effectiveness	> 110 dB
Electrical insulation	> 10 k
Ground system resistance	< 0.5

Fully-anechoic chamber1 (6.8 meters×3.08 meters×3.53 meters) did not exceed following limits along the EMC testing:

Temperature	Min. = 15 ℃**,** Max. = 30 ℃
Relative humidity	Min. = 30 %**,** Max. = 60 %
Shielding effectiveness	> 110 dB
Electrical insulation	> 10 k
Ground system resistance	< 0.5
Uniformity of field strength	Between 0 and 6 dB, from 80MHz to 3000 MHz

Fully-anechoic chamber2 (Tapered Section: 8.75 meters×3.66 meters×3.66 meters, Rectangular Section: 7.32 meters×3.97 meters×3.66 meters) did not exceed following limits along the EMC testing:

Temperature	Min. = 15 ℃**,** Max. = 30 ℃
Relative humidity	Min. = 35 %**,** Max. = 60 %
Shielding effectiveness	> 110 dB
Electrical insulation	> 10 k
Ground system resistance	< 0.5
Uniformity of field strength	Between 0 and 6 dB, from 30MHz to 40 000 MHz

2.3. Testing Period

The performed test started on 28th May, 2010 and finished on 3rd August, 2010.

3. APPLICANT INFORMATION

3.1. Client information

Name of Company:	TCT Mobile Limited
Address /Post:	4/F, South Building,No.2966, Jinke Road, Zhangjiang High-Tech Park, Pudong,Shanghai, 201203, P.R.China
City:	Shanghai
Postal Code:	201203
Country:	China
Telephone:	0086-21-61460890
Fax:	0086-21-61460602

3.2. Manufacturer information

Name of Company:	TCT Mobile Limited
Address /Post:	4/F, South Building,No.2966, Jinke Road, Zhangjiang High-Tech Park, Pudong,Shanghai, 201203, P.R.China
City:	Shanghai
Postal Code:	201203
Country:	China
Telephone:	0086-21-61460890
Fax:	0086-21-61460602

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

4.1. About EUT

Product name:	GSM/UMTS mobile phones
Model:	OPAL A(Market Name:OT-980A)
FCC ID:	RAD130
With WLAN Function:	Yes
EUT operating voltage- Normal:	3.8 VDC
Extreme Low Voltage:	3.4 VDC
Extreme High Voltage:	4.2 VDC
Extreme temperature:	-20℃ / + 55℃

Note: please refer to ANNEX A in this test report for Photographs of EUT.

4.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version
EUT1	012206000011121	PIO2	V233
EUT2	012206000012046	PIO2	V233

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

4.3. Internal Identification of AE used during the test

AE ID*	Description	Type	SN
AE1	Travel Adapter	CBA3170AG0C1	/
AE2	Travel Adapter	CBA3170AG0C2	/
AE3	Battery	CAB3170000C1	/

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

5. REFERENCE DOCUMENTS

5.1. Documents supplied by applicant

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

5.2. Reference Documents

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

Reference	Title	Version
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.	July 10, 2008 Edition
ANSI C63.4	Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	2003
KDB558074	Measurement of Digital Transmission Systems Operating under Section 15.247	March 23, 2005

6. TEST RESULTS

6.1. Summary of Test Results

Abbreviations used in this clause:

P Pass

F Fail

NA not applicable

NM not measured

SUMMARY OF MEASUREMENT RESULTS	Sub-clause	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, 15.209, 15.209	**P**
AC Powerline Conducted Emission	15.107, 15.207	**P**

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

The measurement is made according to ANSI C63.4 and KDB558074

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 4 according to the standards or reference documents listed in section 5.2.

7. TEST EQUIPMENTS

Conducted test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Due date
1	Vector Signal Analyzer	FSQ26	200136	Rohde & Schwarz	2011-01-15
2	Power Meter	NRVD	101078	Rohde & Schwarz	2010-09-02
3	DIODE Power Sensor	NRV-Z15	100103	Rohde & Schwarz	2010-09-02
4	Test Receiver	ESS	847151/015	Rohde & Schwarz	2010-10-30
5	LISN	ESH2-Z5	829991/012	Rohde & Schwarz	2011-08-13

Radiated emission test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Due date
1	Test Receiver	ESI40	831564/002	Rohde & Schwarz	2011-02-12
2	BiLog Antenna	3142B	9908-1403	EMCO	2011-03-15
3	Dual-Ridge Waveguide Horn Antenna	3115	9906-5827	EMCO	2010-12-25

Anechoic chamber

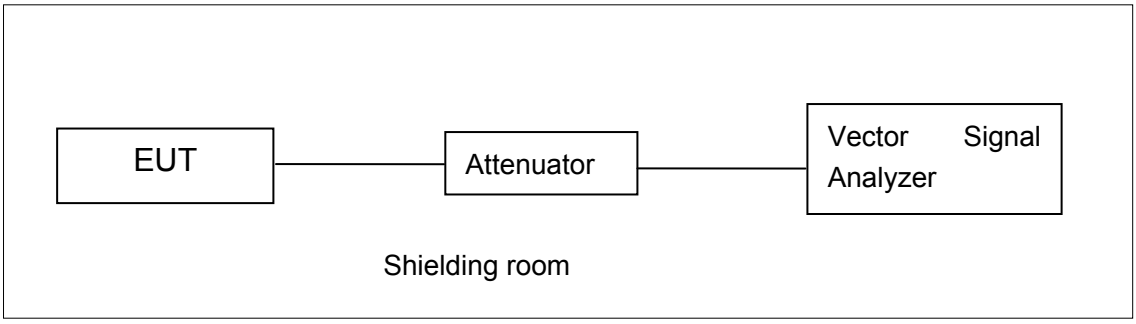
Fully anechoic chamber by Frankonia German.

ANNEX A: MEASUREMENT RESULTS

A.1. Measurement Method

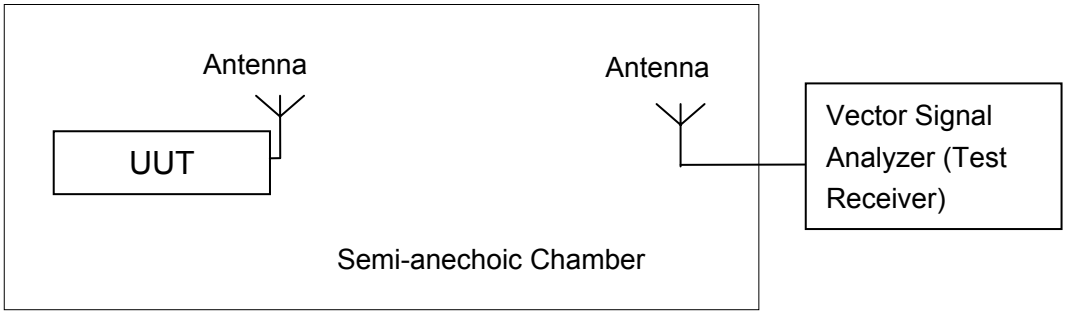
A.1.1. Conducted Measurements

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



A.1.2. Radiated Emission Measurements

In the case of radiated emission, the used settings are as follows,
Sweep frequency from 30 MHz to 1GHz, RBW = 100 kHz, VBW = 300 kHz;
Sweep frequency from 1 GHz to 26GHz, RBW = 1MHz, VBW = 10Hz;



The measurement is made according to ANSI C63.4 and KDB558074

A.2. Maximum Peak Output Power

Measurement Limit and Method:

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

The measurement is made according to ANSI C63.4 and KDB558074

Measurement Uncertainty:

Measurement Uncertainty	0.75dB

Measurement Results:

Mode	Data Rate （Mbps）	Test Result (dBm)		
		2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)
802.11b	1	15.49	/	/
	2	15.52	/	/
	5.5	15.63	/	/
	11	15.65	15.57	15.64
802.11g	6	15.79	15.82	15.50
	9	15.74	/	/
	12	15.72	/	/
	18	15.61	/	/
	24	15.64	/	/
	36	15.53	/	/
	48	15.43	/	/
	54	15.49	/	/

The conducted peak output power is as above, and the data rate 11Mbps and 6Mbps are selected as worse condition. The following cases are performed with this condition. All test cases are performed with conducted method except transmitter spurious emission, which is performed with conducted and radiated method.

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 C63.4 and KDB558074

Measurement Uncertainty:

Measurement Uncertainty	0.75dB

Measurement Results:

Mode	Channel	Power Spectral Density (dBm/3 kHz)		Conclusion
802.11b	1	Fig.1	-5.13	P
	6	Fig.2	-5.12	P
	11	Fig.3	-5.39	P
802.11g	1	Fig.4	-9.43	P
	6	Fig.5	-9.62	P
	11	Fig.6	-9.72	P

Conclusion: PASS

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 C63.4 and KDB558074

Measurement Uncertainty:

Measurement Uncertainty	60.80Hz

Measurement Result:

Mode	Channel	Occupied 6dB Bandwidth (kHz)		conclusion
802.11b	1	Fig.7	8365.4	P
	6	Fig.8	7980.8	P
	11	Fig.9	7788.5	P
802.11g	1	Fig.10	16394.2	P
	6	Fig.11	16394.2	P
	11	Fig.12	16394.2	P

See annex B for test graphs.

Conclusion: PASS

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 C63.4 and KDB558074

Measurement Uncertainty:

Measurement Uncertainty	0.75dB

Measurement Result:

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

See annex B for test graphs.

Conclusion: PASS

A.6. Transmitter Spurious Emission

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 C63.4 and KDB558074

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Frequency of emission (MHz)	Field strength(uV/m)	Field strength(dBuV/m)
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Measurement Uncertainty:

Frequency Range	Uncertainty(dB)
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

A.6.1 Transmitter Spurious Emission - Conducted

Measurement Results:

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 ~ 26 GHz	Fig.19	P
	6	2.437 GHz	Fig.20	P
		30 MHz ~ 1 GHz	Fig.21	P
		1 GHz ~ 26 GHz	Fig.22	P
	11	2.472 GHz	Fig.23	P
		30 MHz ~ 1 GHz	Fig.24	P
		1 GHz ~ 26 GHz	Fig.25	P

802.11g	1	2.412 GHz	Fig.26	P
		30 MHz ~ 1 GHz	Fig.27	P
		1 GHz ~ 26 GHz	Fig.28	P
	6	2.437 GHz	Fig.29	P
		30 MHz ~ 1 GHz	Fig.30	P
		1 GHz ~ 26 GHz	Fig.31	P
	11	2.472 GHz	Fig.32	P
		30 MHz ~ 1 GHz	Fig.33	P
		1 GHz ~ 26 GHz	Fig.34	P

See annex B for test graphs.

Conclusion: PASS

A.6.2 Transmitter Spurious Emission - Radiated

Test Condition

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	100KHz/300KHz	5
1000-4000	1MHz/1MHz	15
4000-18000	1MHz/1MHz	40
18000-26500	1MHz/1MHz	20

Measurement Results:

Both the lowest channel and the highest channel band-edge measurements were performed. The result at the highest channel show the worst performance, so the report only includes the result performed at the highest channel.

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11b	Power	2.45GHz ~2.5GHz	Fig.35	P
	1	30 MHz ~1 GHz	Fig.36	P
		1 GHz ~ 4 GHz	Fig.37	P
		4 GHz ~ 18 GHz	Fig.38	P
	6	30 MHz ~1 GHz	Fig.39	P
		1 GHz ~ 4 GHz	Fig.40	P
		4 GHz ~ 18 GHz	Fig.41	P
	11	30 MHz ~1 GHz	Fig.42	P
		1 GHz ~ 4 GHz	Fig.43	P
		4 GHz ~ 18 GHz	Fig.44	P
802.11g	Power	2.45GHz~2.5GHz	Fig.45	P
	1	30 MHz ~1 GHz	Fig.46	P
		1 GHz ~ 4 GHz	Fig.47	P
		4 GHz ~ 18 GHz	Fig.48	P
	6	30 MHz ~1 GHz	Fig.49	P
		1 GHz ~ 4 GHz	Fig.50	P
		4 GHz ~ 18 GHz	Fig.51	P
	11	30 MHz ~1 GHz	Fig.52	P
		1 GHz ~ 4 GHz	Fig.53	P
		4 GHz ~ 18 GHz	Fig.54	P
/	All channels	18 GHz~ 26 GHz	Fig.55	P

See annex B for test graphs.

802.11b

Ch1

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB)	P_{Mea}(dBuV/m)	Polarity
2392.786	53.4	8.7	44.7	HORIZONTAL
3697.395	51.94	14.2	37.74	VERTICAL
3503.006	51.76	14.5	37.26	VERTICAL
3615.23	51.7	14	37.7	HORIZONTAL
3472.946	51.62	12.2	39.42	VERTICAL
3537.074	51.55	14.3	37.25	HORIZONTAL

Ch 6

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB)	P_{Mea}(dBuV/m)	Polarity
2416.834	53.71	8.8	44.91	HORIZONTAL
2454.91	53.23	8.8	44.43	HORIZONTAL
3719.439	51.26	14.5	36.76	HORIZONTAL
3713.427	51.09	14.5	36.59	HORIZONTAL
3511.022	51.08	14.4	36.68	HORIZONTAL
3815.631	51.05	14.1	36.95	HORIZONTAL

Ch11

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB)	P_{Mea}(dBuV/m)	Polarity
2480.962	52.91	9.4	43.51	HORIZONTAL
2440.882	52.13	8.6	43.53	HORIZONTAL
3705.411	51.51	14.3	37.21	HORIZONTAL
3474.95	50.98	12.2	38.78	HORIZONTAL
3529.058	50.73	14.2	36.53	HORIZONTAL
3833.667	50.73	14	36.73	HORIZONTAL

802.11g

Ch1

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB)	P_{Mea}(dBuV/m)	Polarity
2374.749	53.6	8.6	45	HORIZONTAL
2444.89	52.82	8.6	44.22	HORIZONTAL
2442.886	52.33	8.6	43.73	HORIZONTAL
3695.391	51.06	14.2	36.86	HORIZONTAL
3490.982	51.03	12.3	38.73	HORIZONTAL
3889.78	51.01	14.4	36.61	HORIZONTAL

Ch 6

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB)	P_{Mea}(dBuV/m)	Polarity
2398.798	53.45	8.7	44.75	HORIZONTAL
2468.938	53.28	8.9	44.38	HORIZONTAL
2396.794	52.11	8.7	43.41	HORIZONTAL
2470.942	51.85	9.1	42.75	HORIZONTAL
3503.006	51.58	14.5	37.08	HORIZONTAL
3717.435	51.16	14.5	36.66	HORIZONTAL

Ch11

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB)	P_{Mea}(dBuV/m)	Polarity
2420.842	53.59	8.7	44.89	HORIZONTAL
2418.838	52.29	8.8	43.49	HORIZONTAL
2494.99	52.08	9.1	42.98	HORIZONTAL
2496.994	51.84	9.1	42.74	HORIZONTAL
2498.998	51.53	9.1	42.43	HORIZONTAL
2416.834	51.42	8.8	42.62	HORIZONTAL

Conclusion: PASS

A.7. AC Powerline Conducted Emission

Test Condition

Voltage（V）	Frequency（Hz）
120	60

Measurement Result and limit:

WLAN (Quasi-peak Limit) - with charger 1

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		With charger 1		
		802.11b Mode	802.11g Mode	
0.15 to 0.5	66 to 56	Fig. 56	Fig. 57	P
0.5 to 5	56			
5 to 30	60			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Average Limit) - with charger 1

Frequency range (MHz)	Average Limit (dBμV)	Result (dBμV)		Conclusion
		With charger 2		
		802.11b Mode	802.11g Mode	
0.15 to 0.5	56 to 46	Fig. 56	Fig. 57	P
0.5 to 5	46			
5 to 30	50			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Quasi-peak Limit) - with charger 2

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		Conclusion
		With charger 2		
		802.11b Mode	802.11g Mode	
0.15 to 0.5	66 to 56	Fig. 58	Fig. 59	P
0.5 to 5	56			
5 to 30	60			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

WLAN (Average Limit) - with charger 2

Frequency range (MHz)	Average Limit (dBμV)	Result (dBμV)		Conclusion
		With charger 2		
		802.11b Mode	802.11g Mode	
0.15 to 0.5	56 to 46	Fig. 58	Fig. 59	P
0.5 to 5	46			
5 to 30	50			
NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

The measurement is made according to ANSI C63.4 and KDB558074

See annex B for test graphs.

Conclusion: PASS

ANNEX B: TEST FIGURE LIST

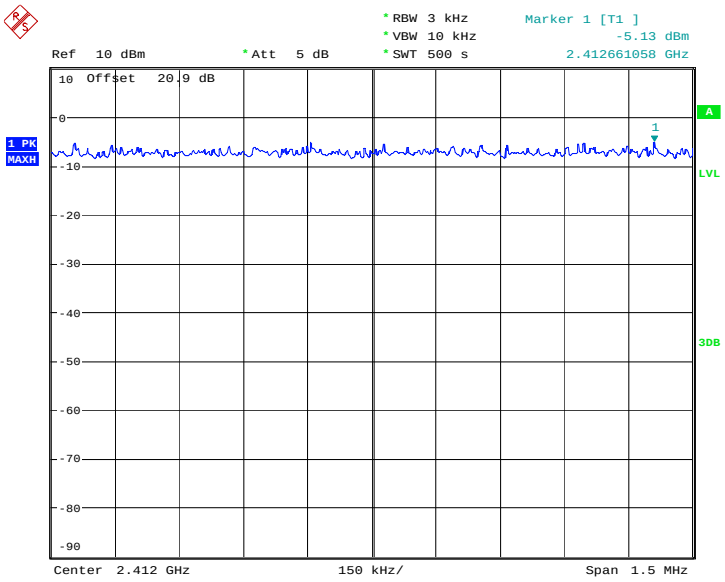


Fig. 1 Peak Power Spectral Density (802.11b, Ch1)

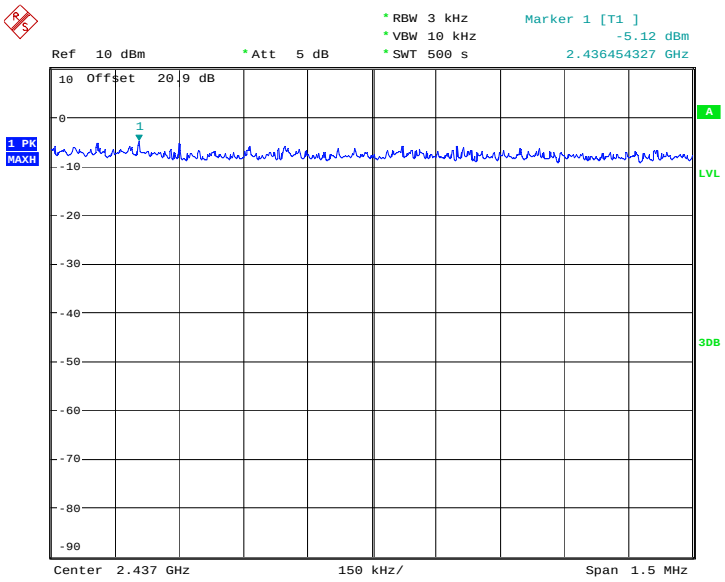


Fig. 2 Peak Power Spectral Density (802.11b, Ch6)

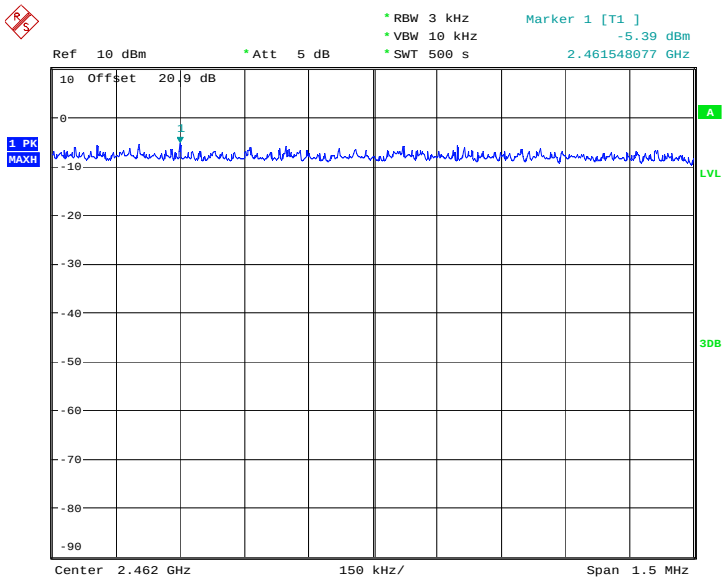


Fig. 3 Peak Power Spectral Density (802.11b, Ch11)

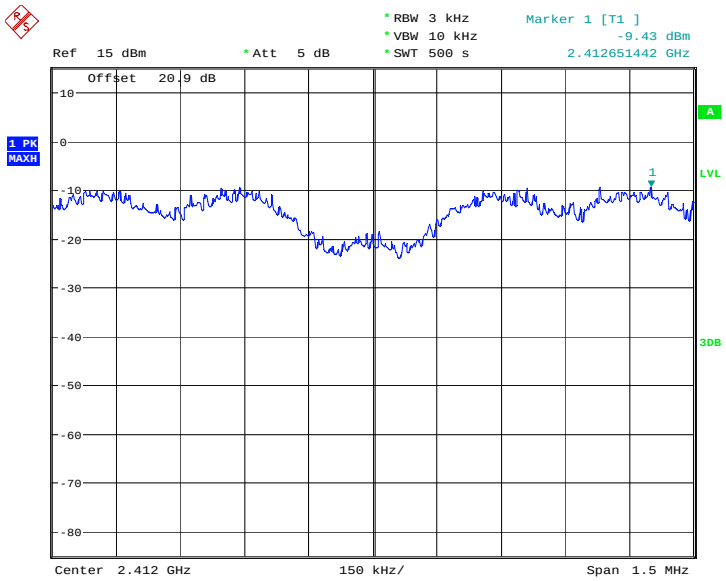


Fig. 4 Peak Power Spectral Density (802.11g, Ch1)

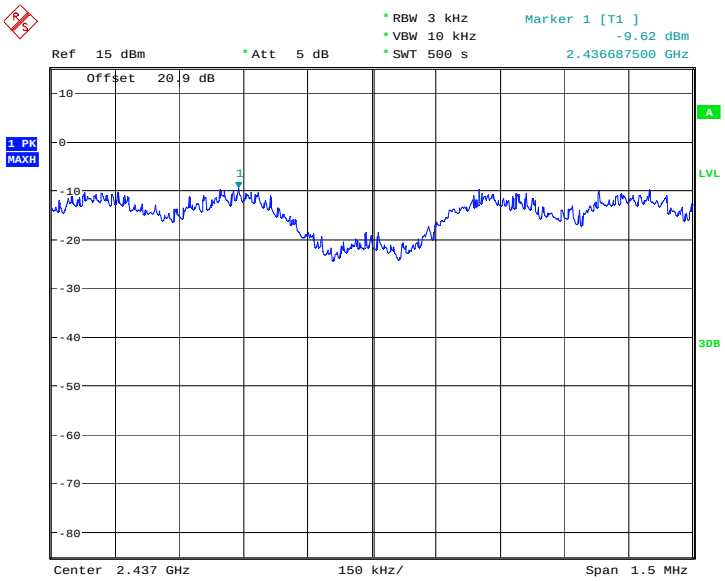


Fig. 5 Peak Power Spectral Density (802.11g, Ch6)

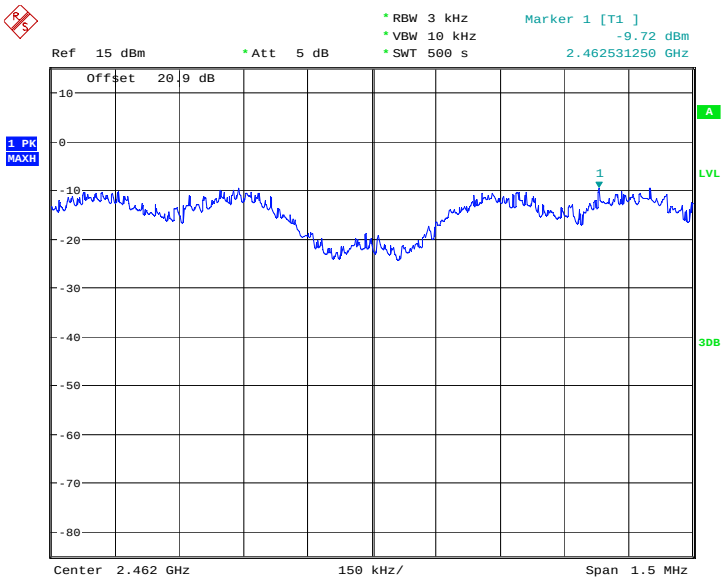
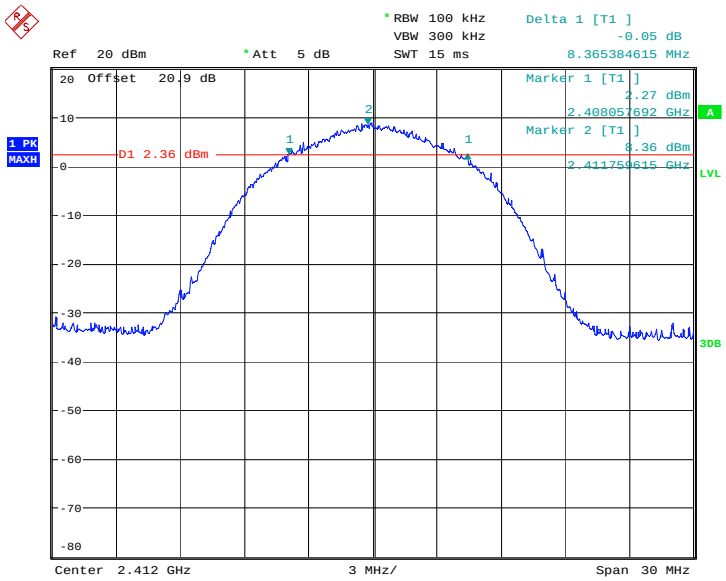
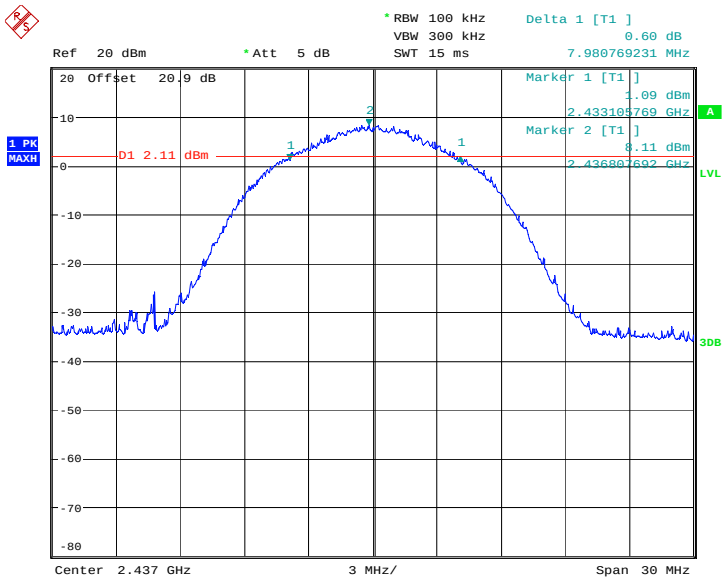


Fig. 6 Peak Power Spectral Density (802.11g, Ch11)



Date: 16.JUL.2010 18:25:52

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



Date: 16.JUL.2010 18:29:43

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

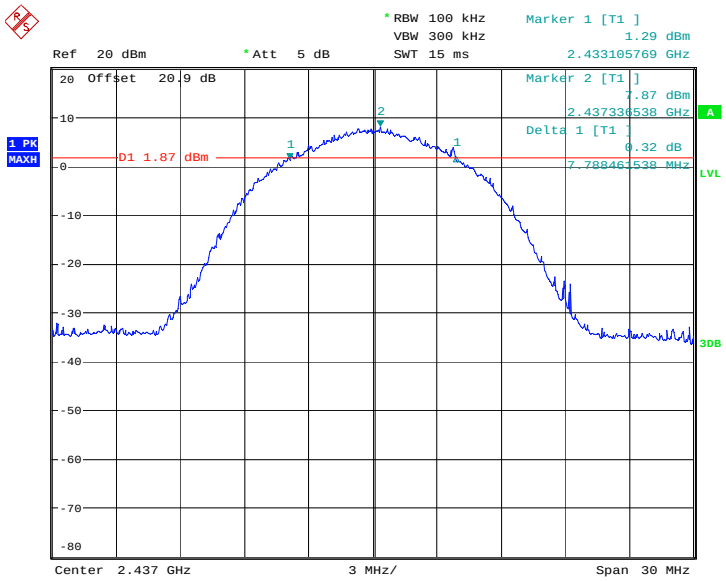


Fig. 9 Occupied 6dB Bandwidth (802.11b, Ch 11)

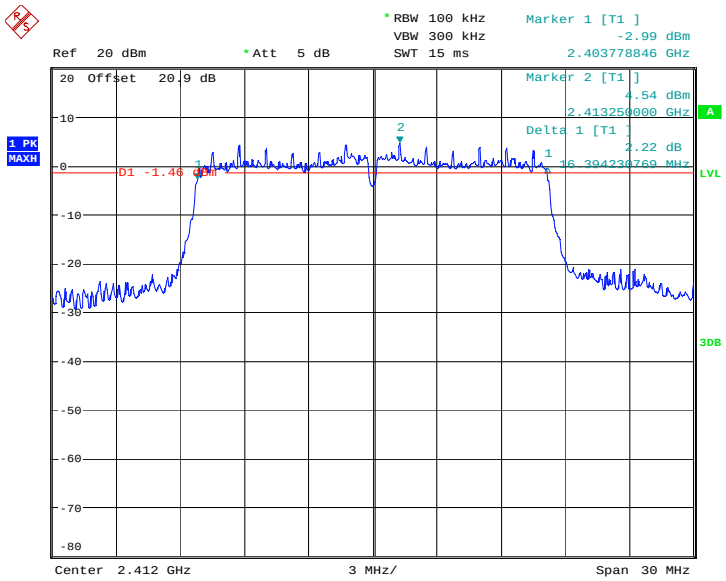


Fig. 10 Occupied 6dB Bandwidth (802.11g, Ch 1)

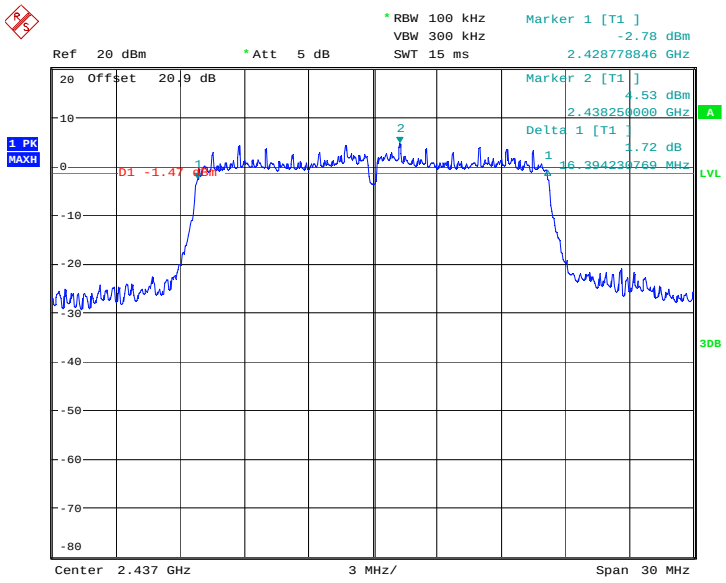


Fig. 11 Occupied 6dB Bandwidth (802.11g, Ch 6)

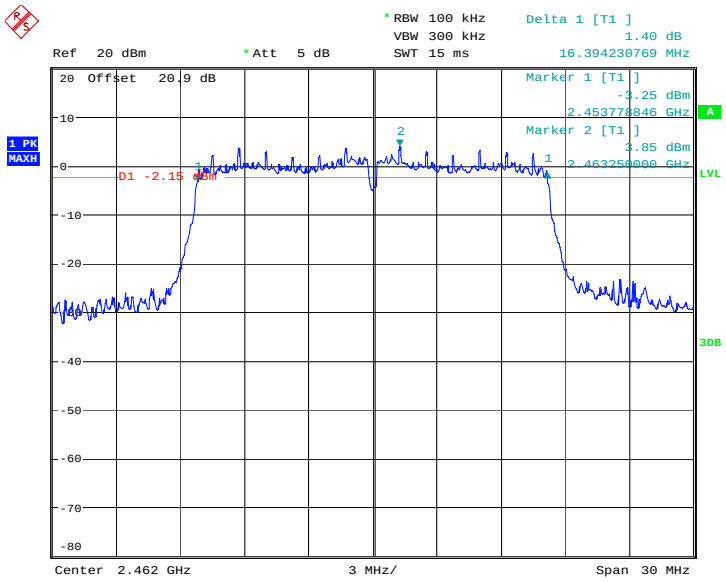


Fig. 12 Occupied 6dB Bandwidth (802.11g, Ch 11)

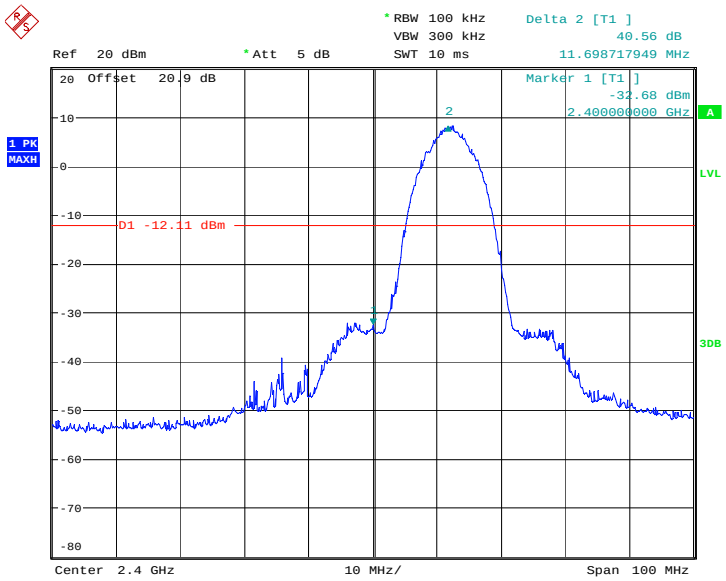


Fig. 13 Band Edges (802.11b, Ch 1)

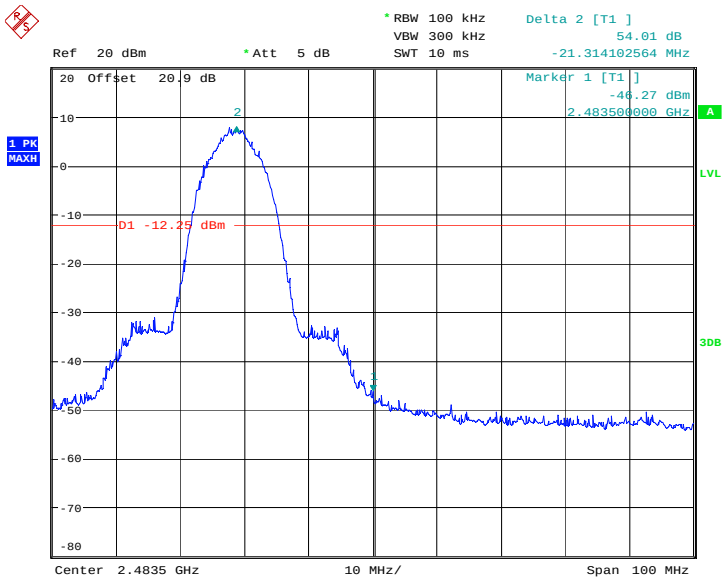
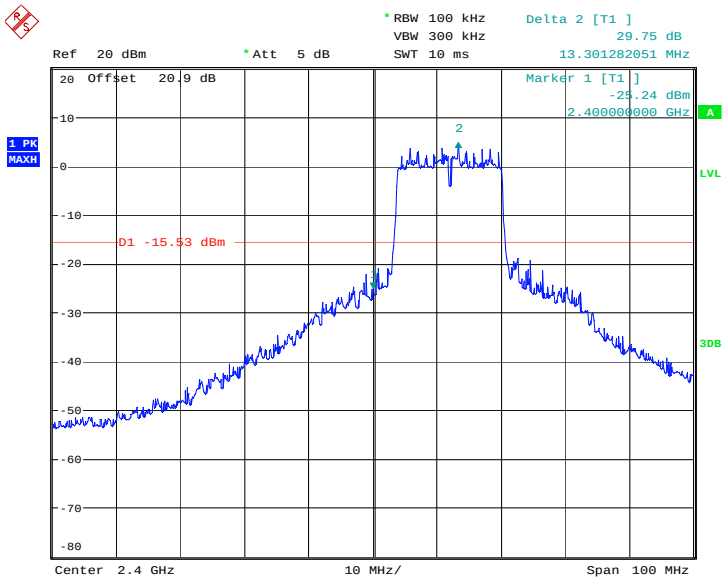
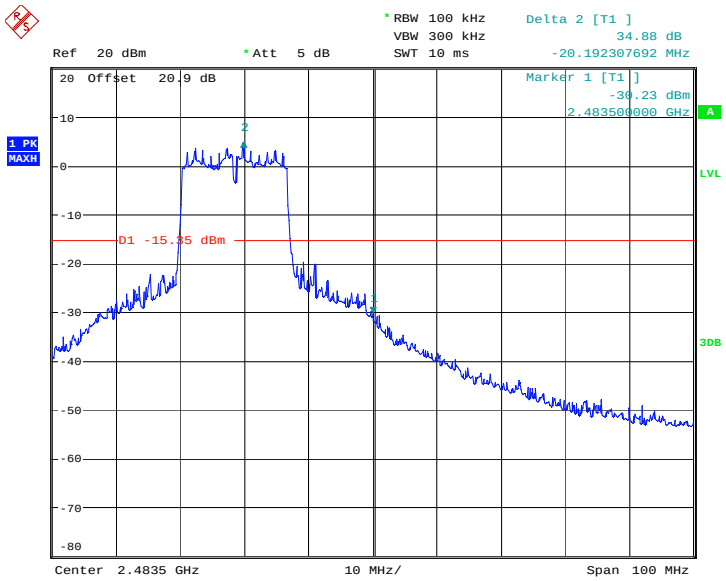


Fig. 14 Band Edges (802.11b, Ch 11)



Date: 16.JUL.2010 19:18:08

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



Date: 16.JUL.2010 19:16:53

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

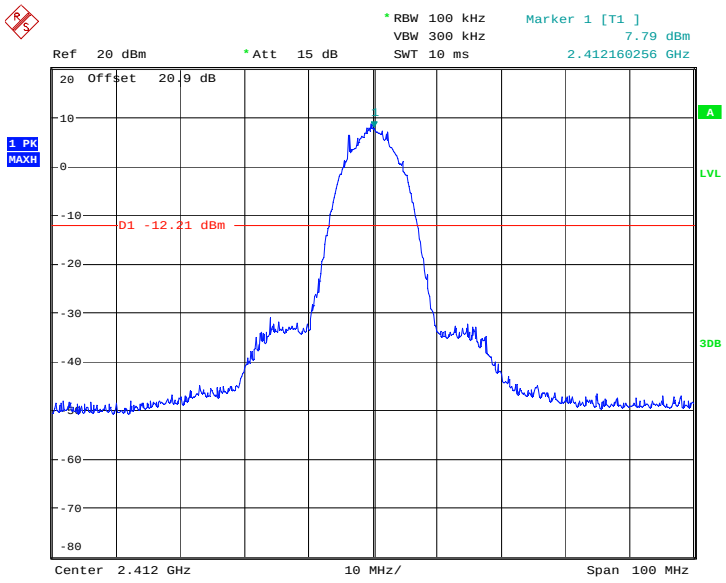


Fig. 17 Conducted Spurious Emission (802.11b, Ch1, Center Frequency)

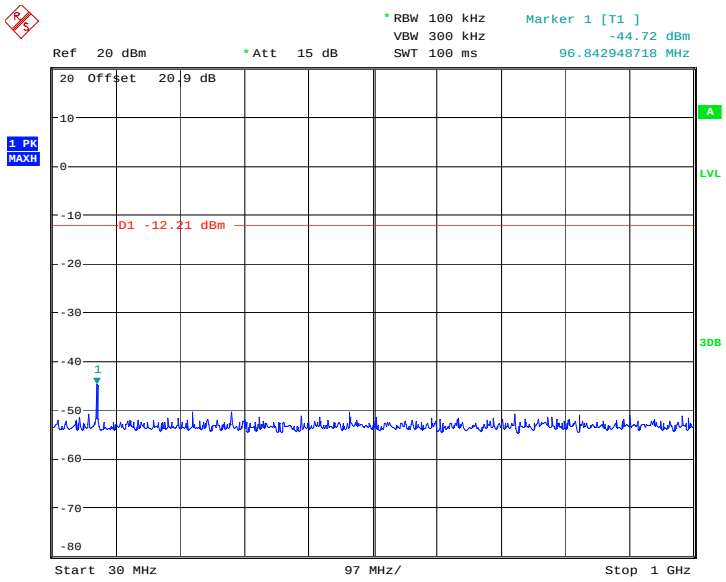


Fig. 18 Conducted Spurious Emission (802.11b, Ch1, 30 MHz-1 GHz)

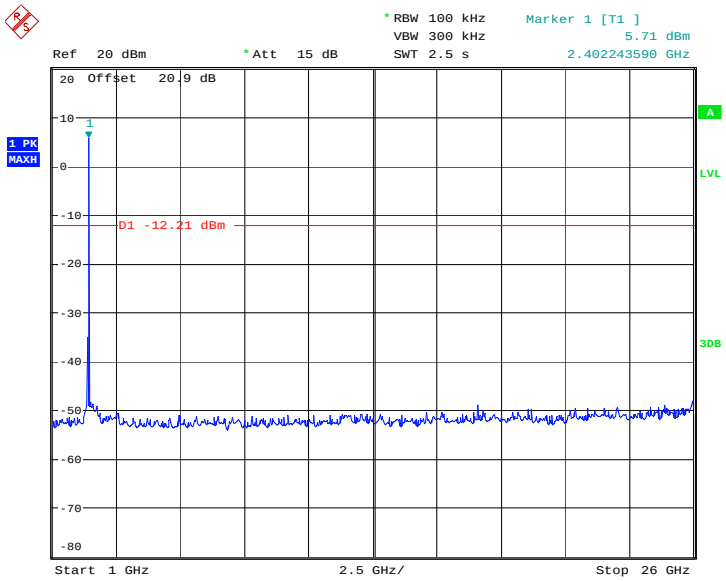


Fig. 19 Conducted Spurious Emission (802.11b, Ch1, 1 GHz-26 GHz)

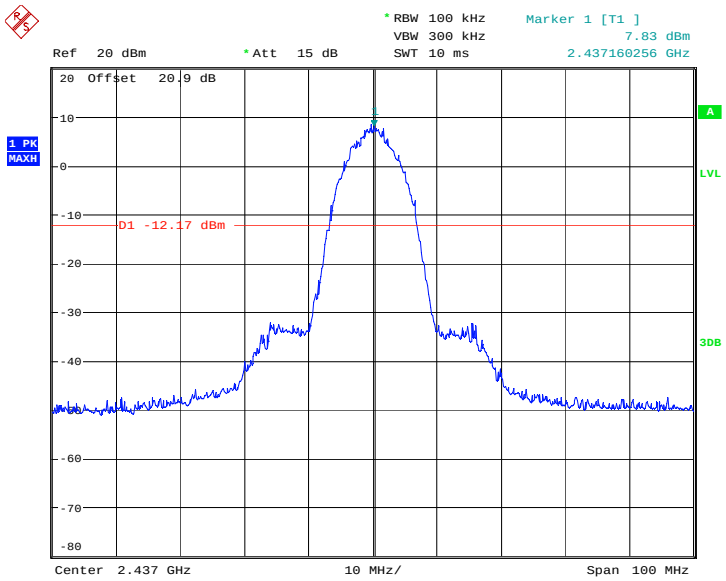


Fig. 20 Conducted Spurious Emission (802.11b, Ch6, Center Frequency)

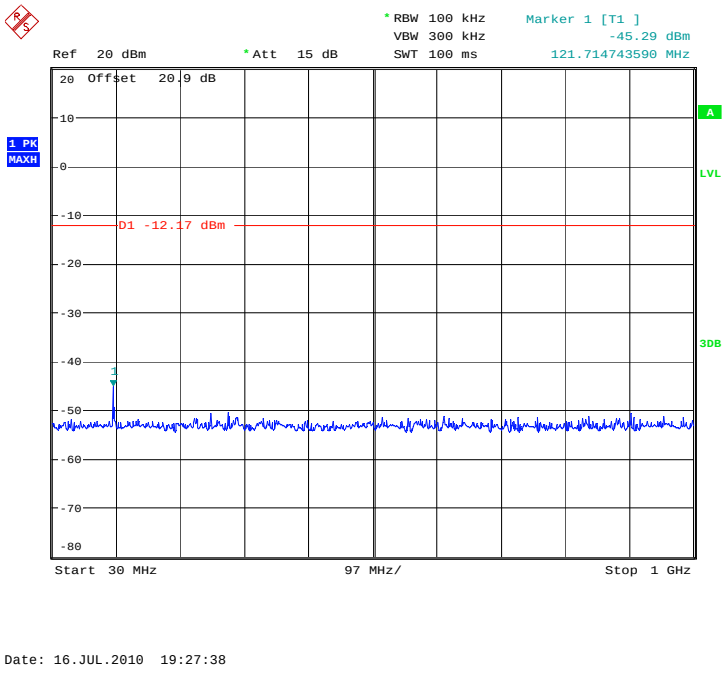


Fig. 21 Conducted Spurious Emission (802.11b, Ch6, 30 MHz-1 GHz)

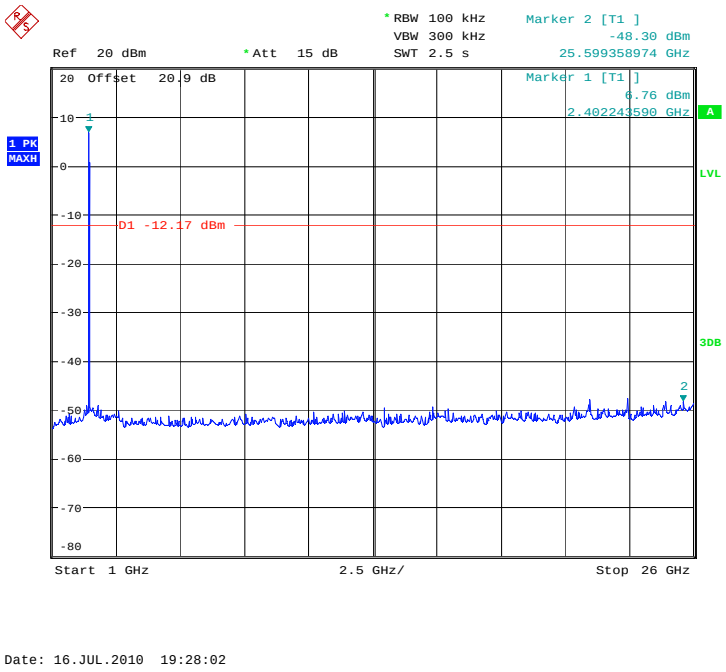


Fig. 22 Conducted Spurious Emission (802.11b, Ch6, 1 GHz-26 GHz)

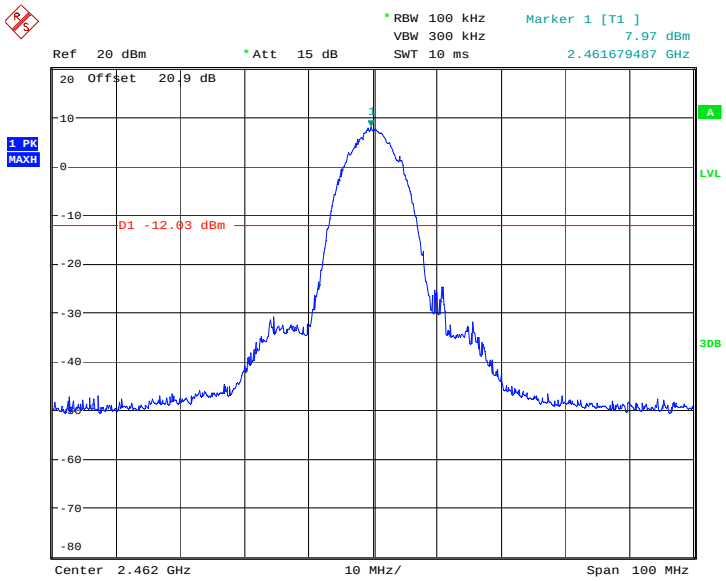


Fig. 23 Conducted Spurious Emission (802.11b, Ch11, Center Frequency)

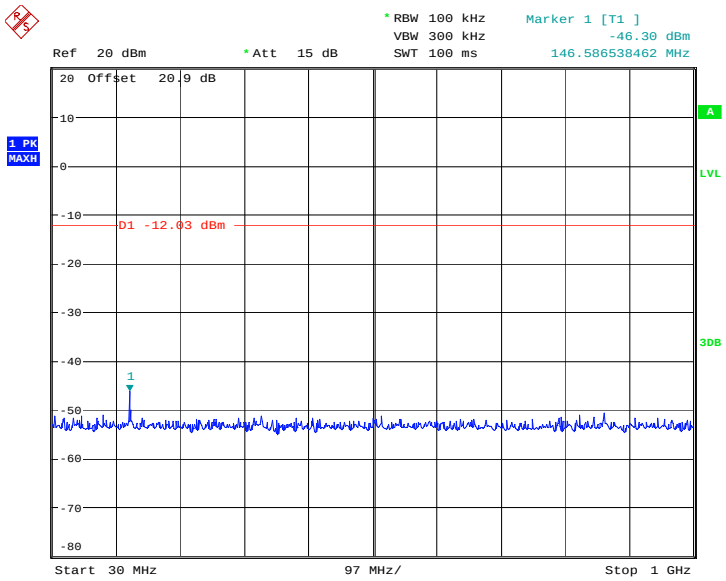


Fig. 24 Conducted Spurious Emission (802.11b, Ch11, 30 MHz-1 GHz)

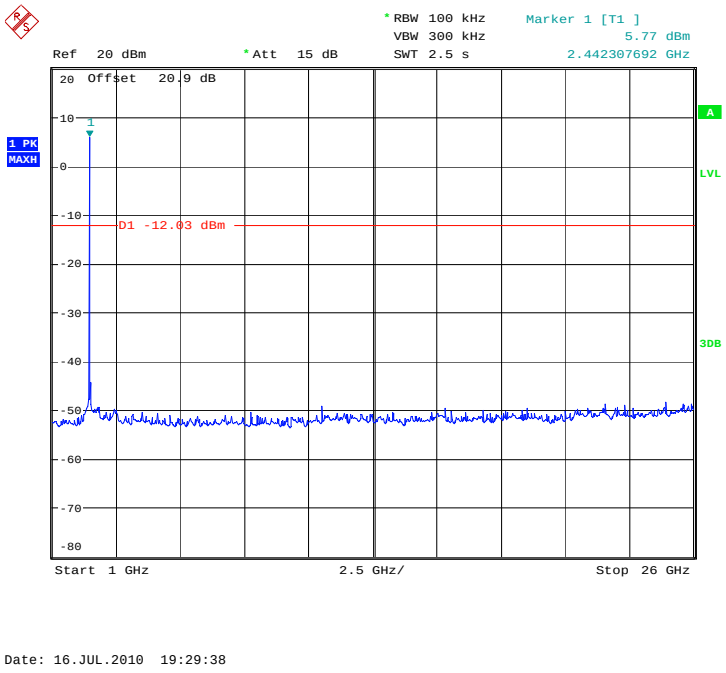


Fig. 25 Conducted Spurious Emission (802.11b, Ch11, 1 GHz-26 GHz)

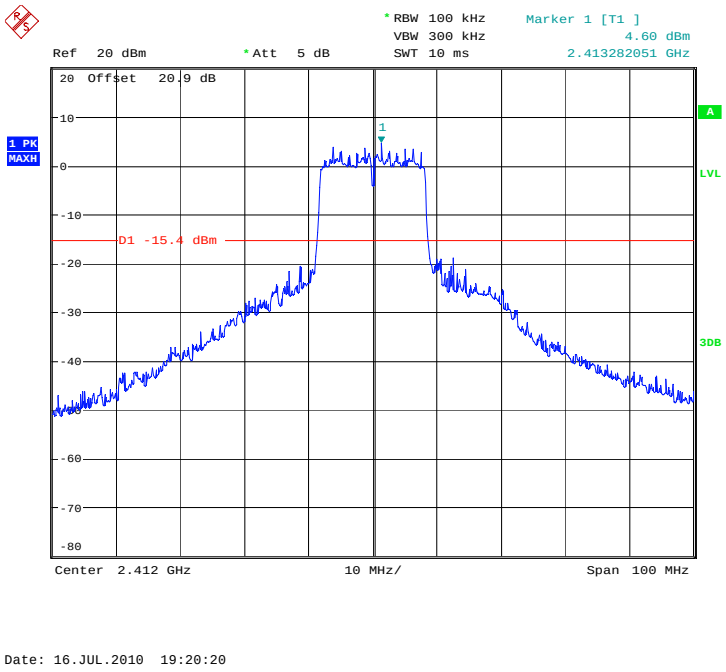


Fig. 26 Conducted Spurious Emission (802.11g, Ch1, Center Frequency)

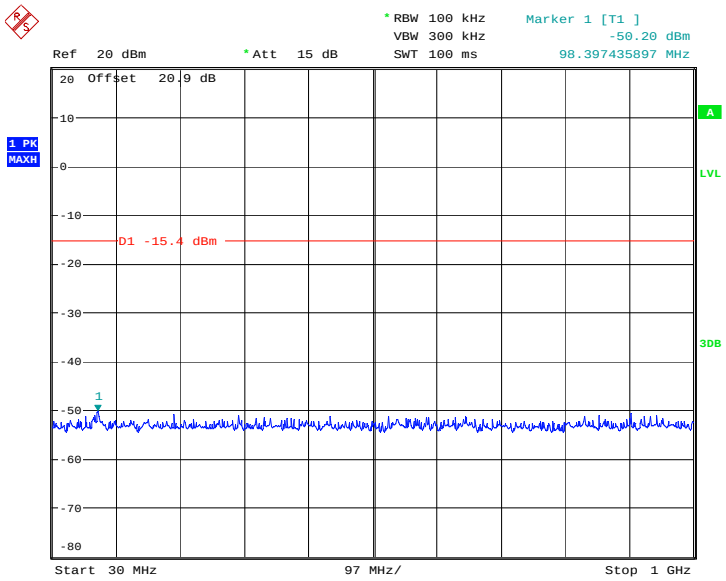


Fig. 27 Conducted Spurious Emission (802.11g, Ch1, 30 MHz-1 GHz)

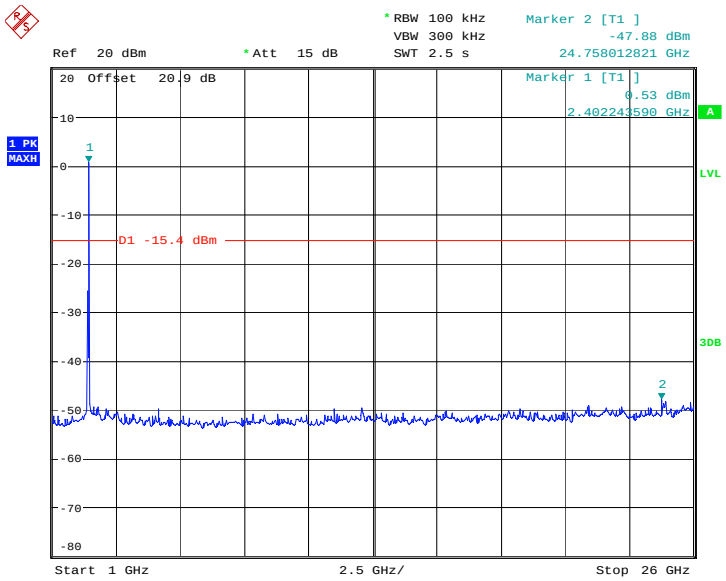


Fig. 28 Conducted Spurious Emission (802.11g, Ch1, 1 GHz-26 GHz)

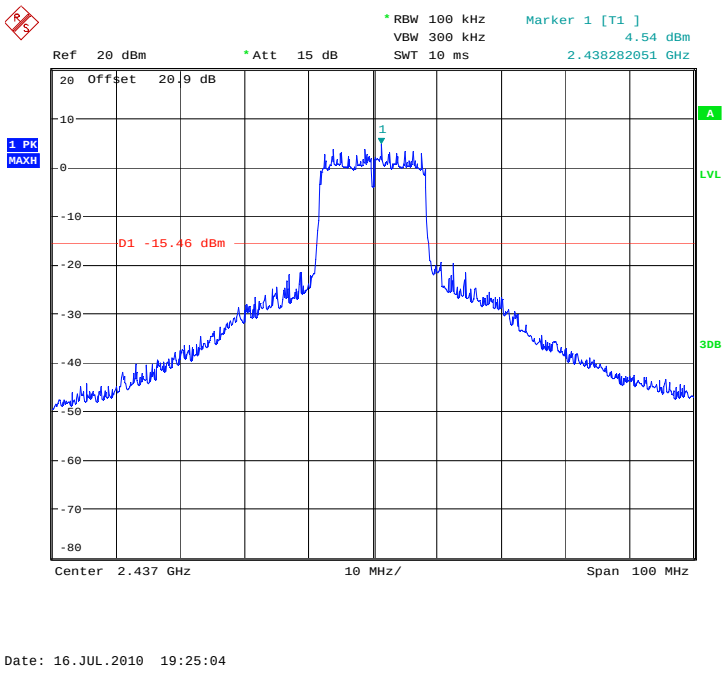


Fig. 29 Conducted Spurious Emission (802.11g, Ch6, Center Frequency)

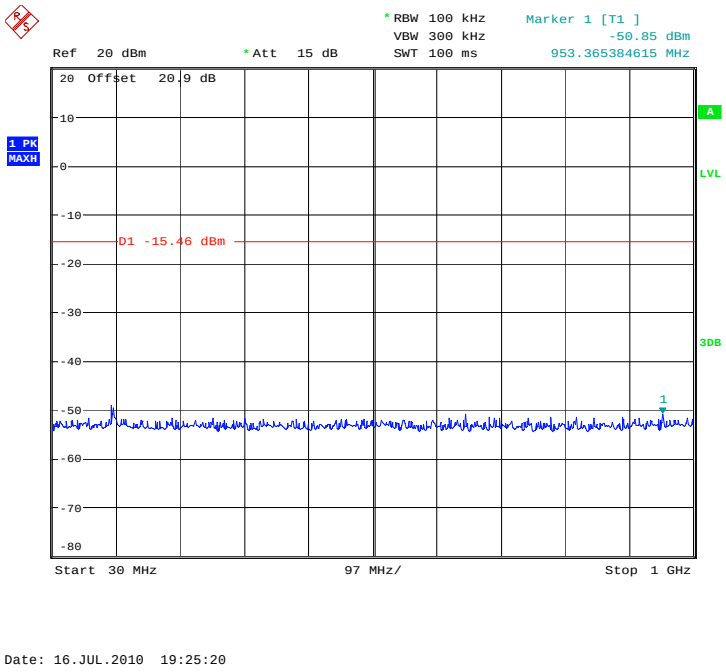
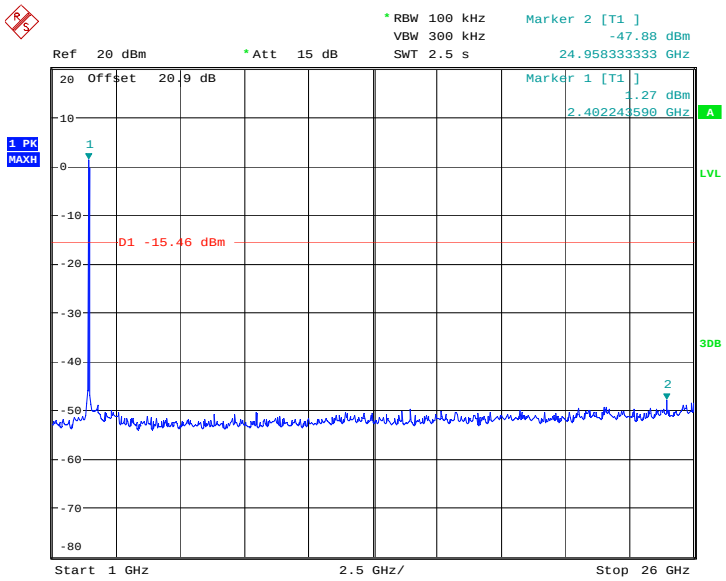
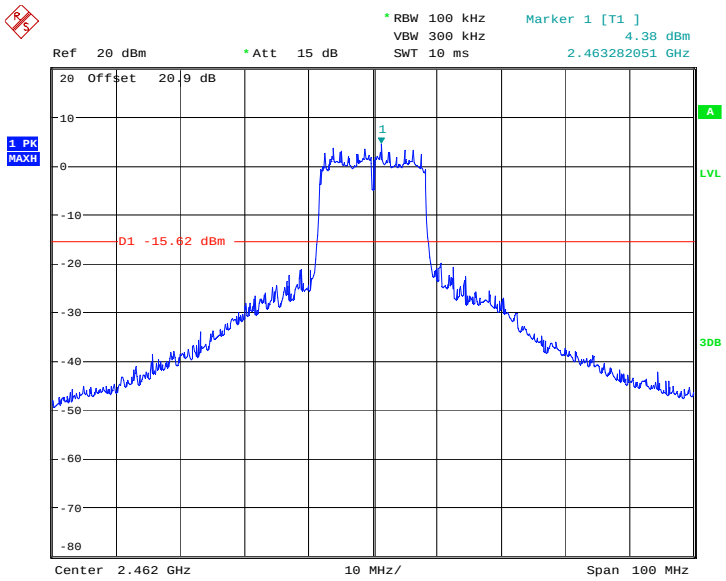


Fig. 30 Conducted Spurious Emission (802.11g, Ch6, 30 MHz-1 GHz)



Date: 16.JUL.2010 19:25:40

Fig. 31 Conducted Spurious Emission (802.11g, Ch6, 1 GHz-26 GHz)



Date: 16.JUL.2010 19:22:46

Fig. 32 Conducted Spurious Emission (802.11g, Ch11, Center Frequency)

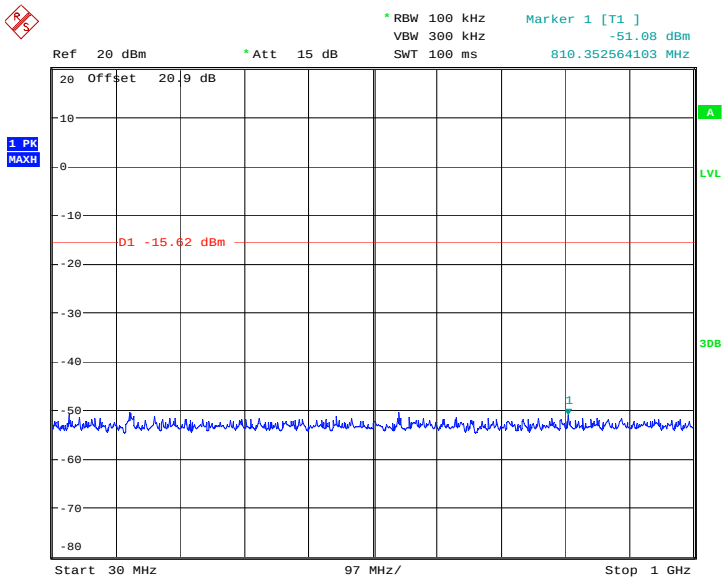


Fig. 33 Conducted Spurious Emission (802.11g, Ch11, 30 MHz-1 GHz)

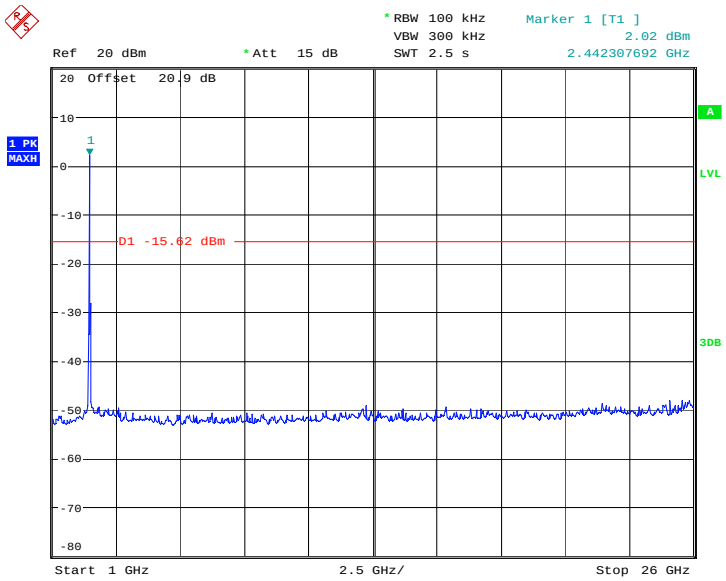


Fig. 34 Conducted Spurious Emission (802.11g, Ch11, 1 GHz-26 GHz)

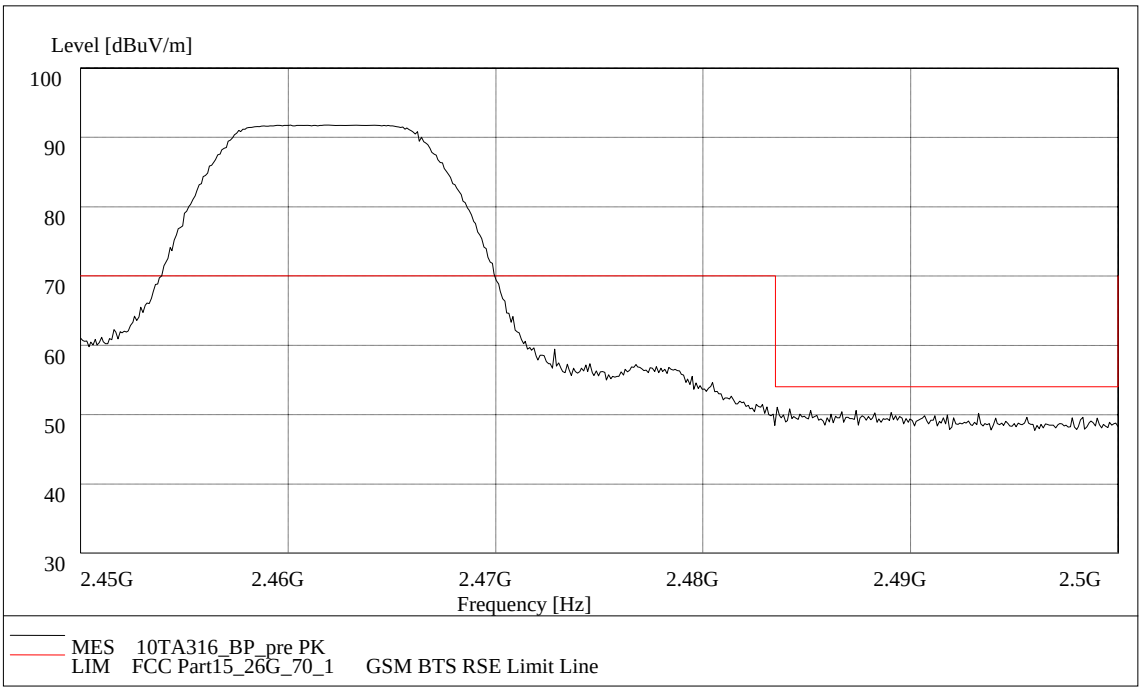


Fig. 35 Radiated Spurious Emission (Power): 802.11b, 2.45 GHz - 2.5GHz

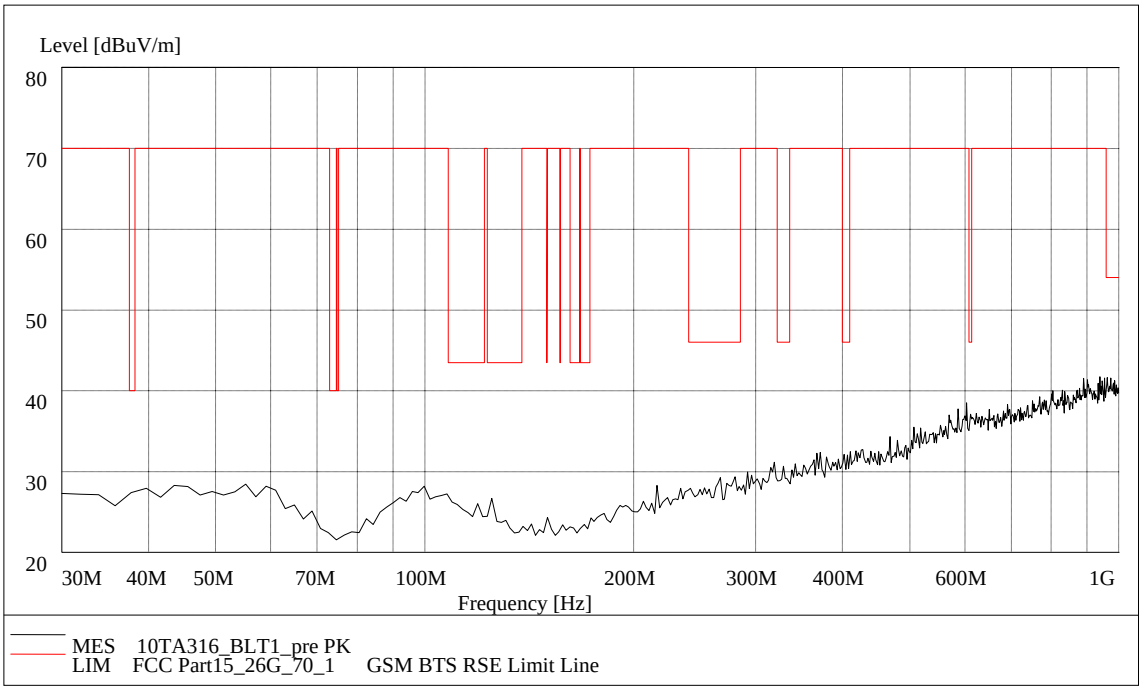


Fig. 36 Radiated Spurious Emission (802.11b, Ch1, 30 MHz-1 GHz)

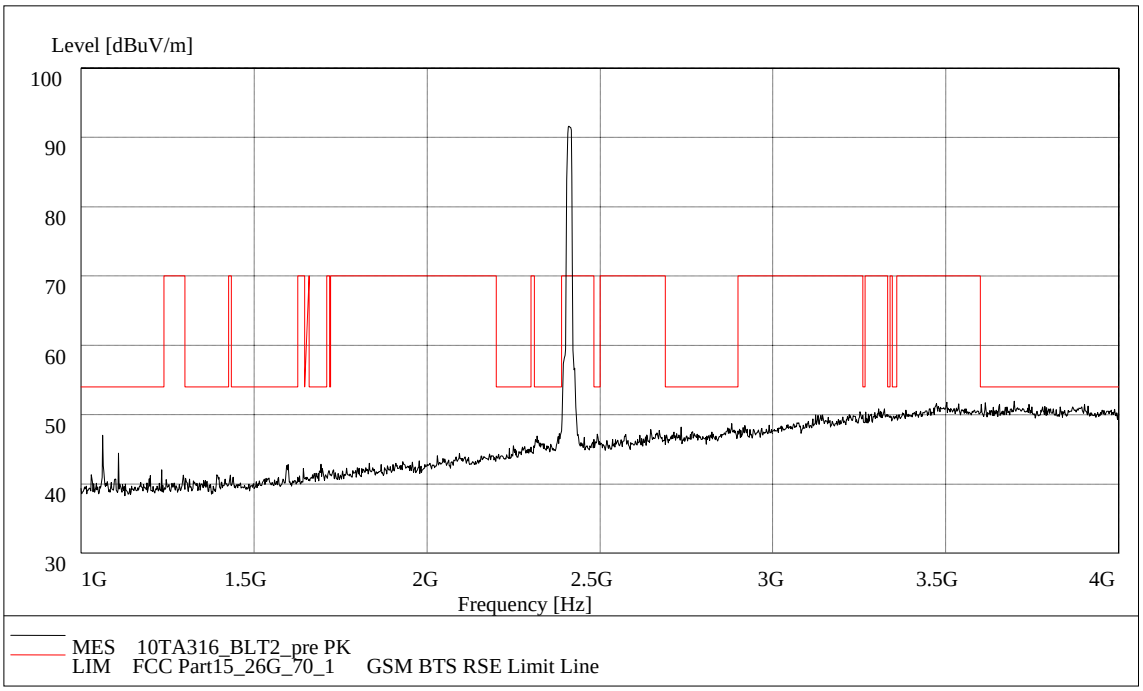


Fig. 37 Radiated Spurious Emission (802.11b, Ch1, 1 GHz-4 GHz)

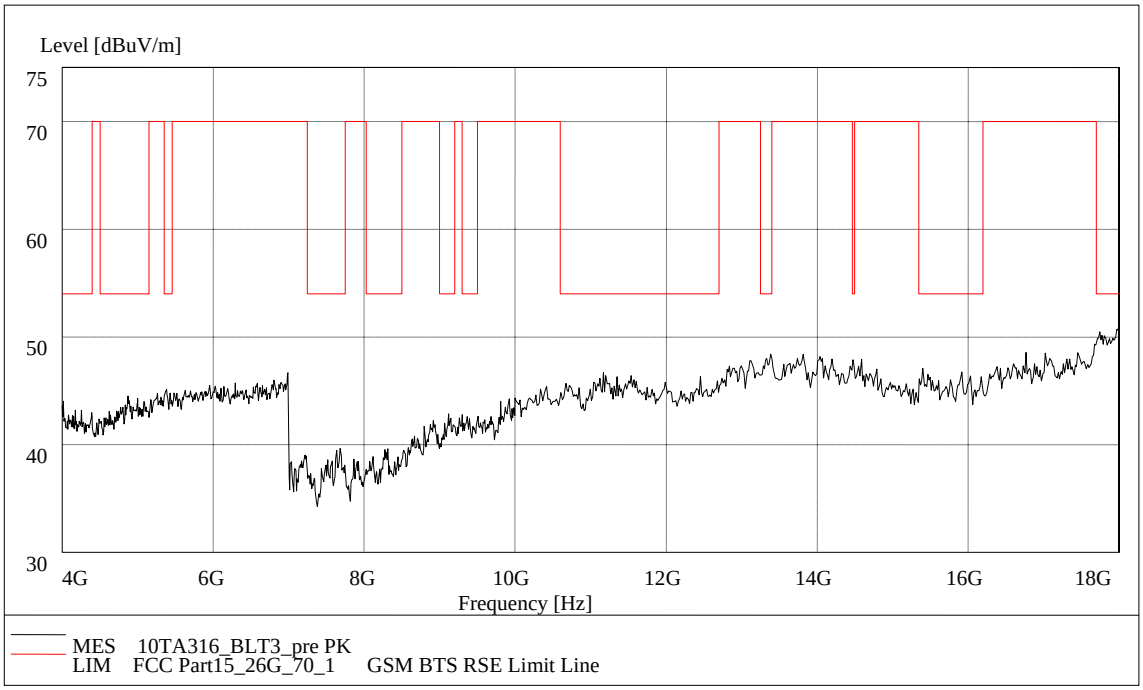


Fig. 38 Radiated Spurious Emission (802.11b, Ch1, 4 GHz-18 GHz)

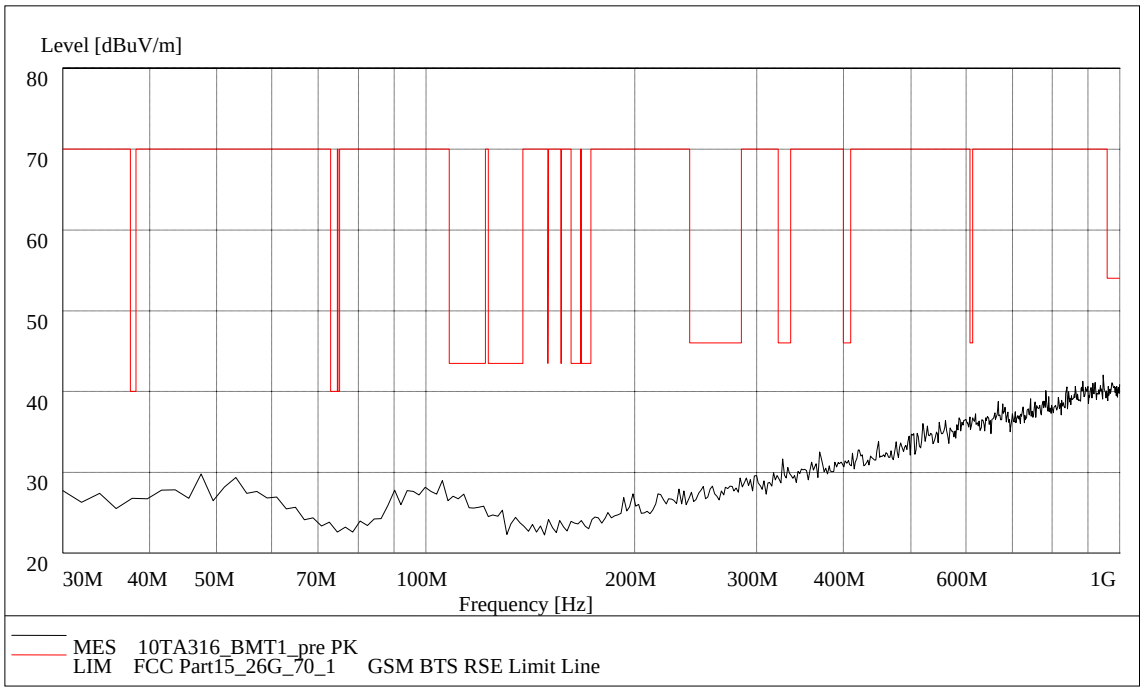


Fig. 39 Radiated Spurious Emission (802.11b, Ch6, 30 MHz-1 GHz)

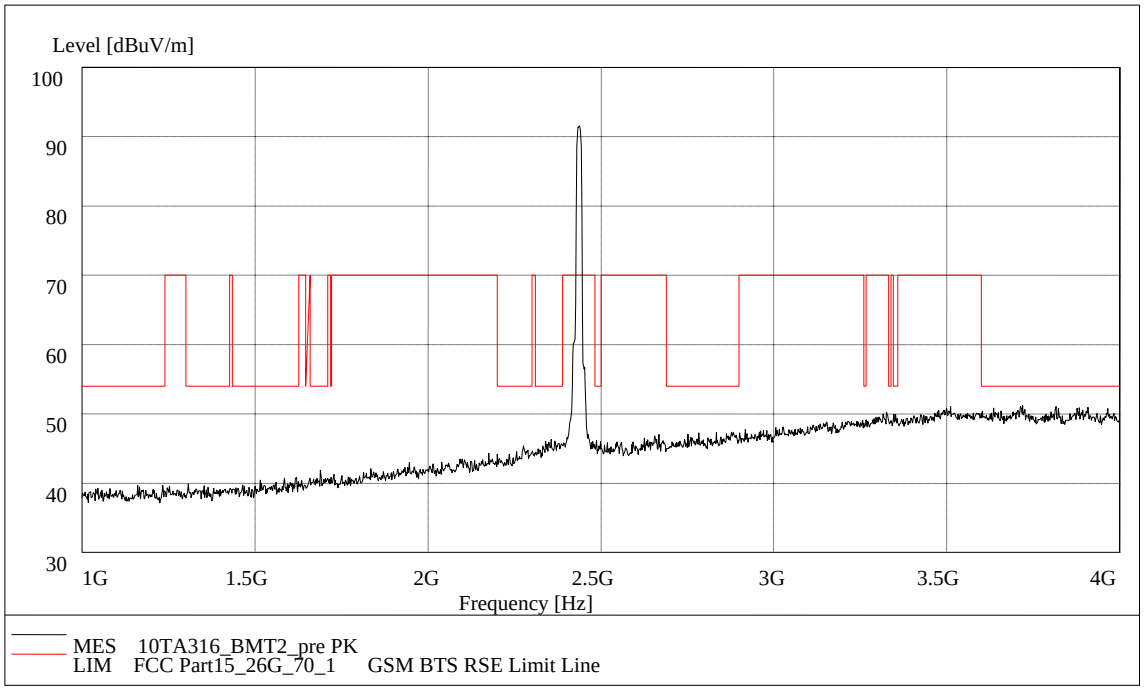


Fig. 40 Radiated Spurious Emission (802.11b, Ch6, 1 GHz-4 GHz)

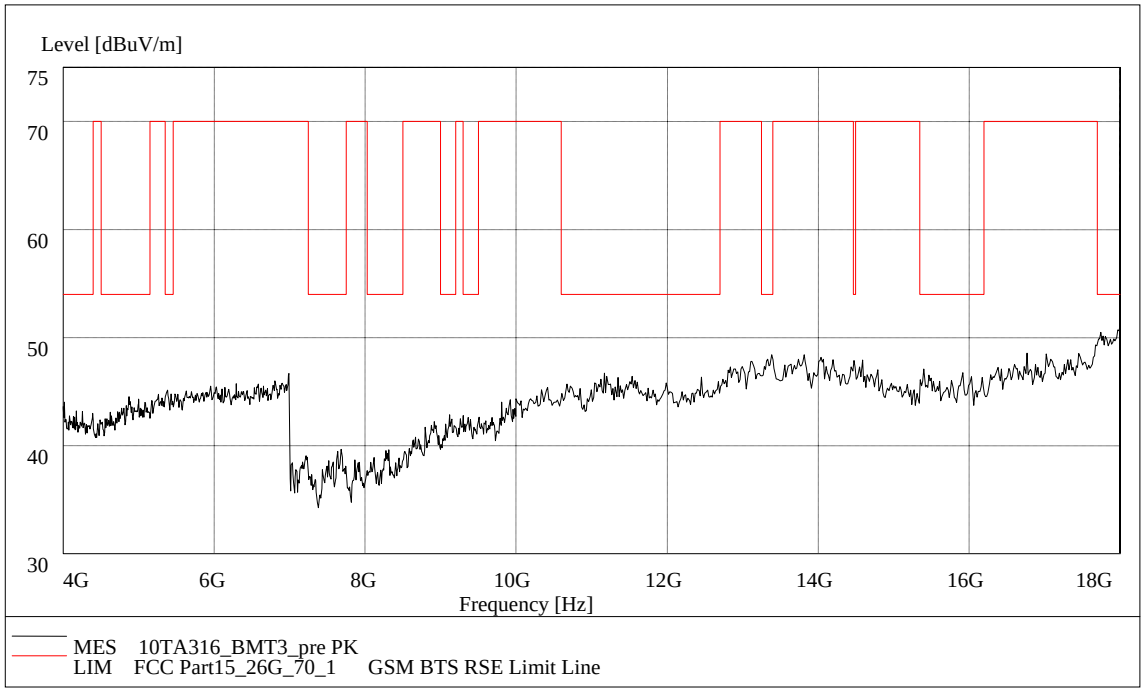


Fig. 41 Radiated Spurious Emission (802.11b, Ch6, 4 GHz-18 GHz)

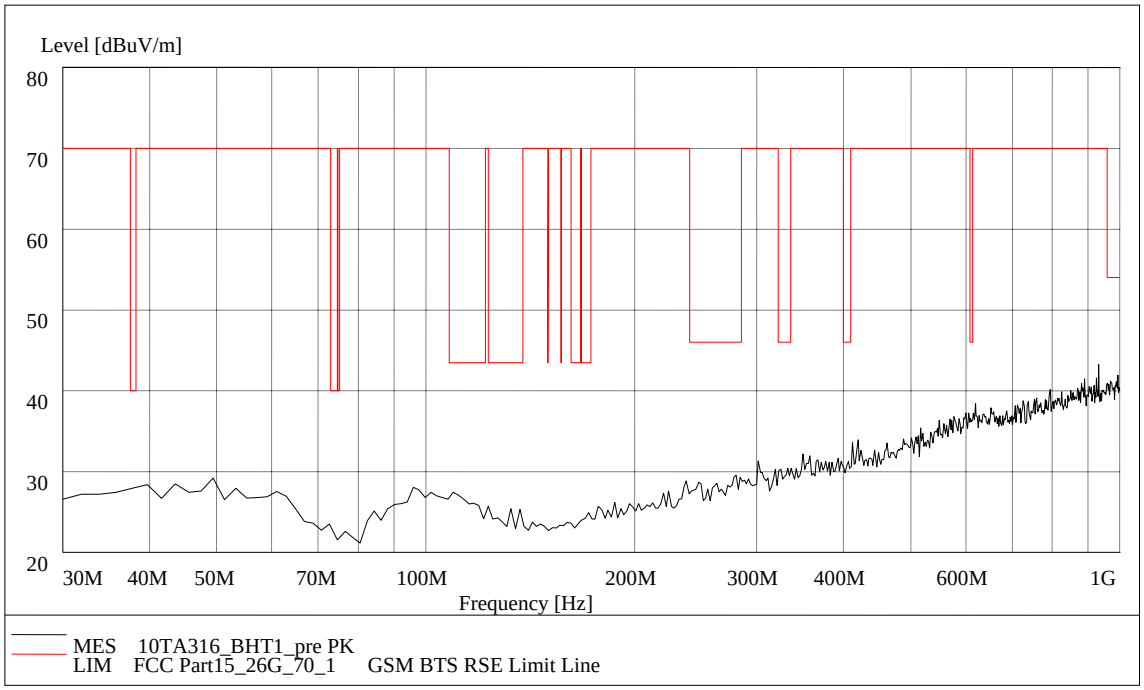


Fig. 42 Radiated Spurious Emission (802.11b, Ch11, 30 MHz-1 GHz)

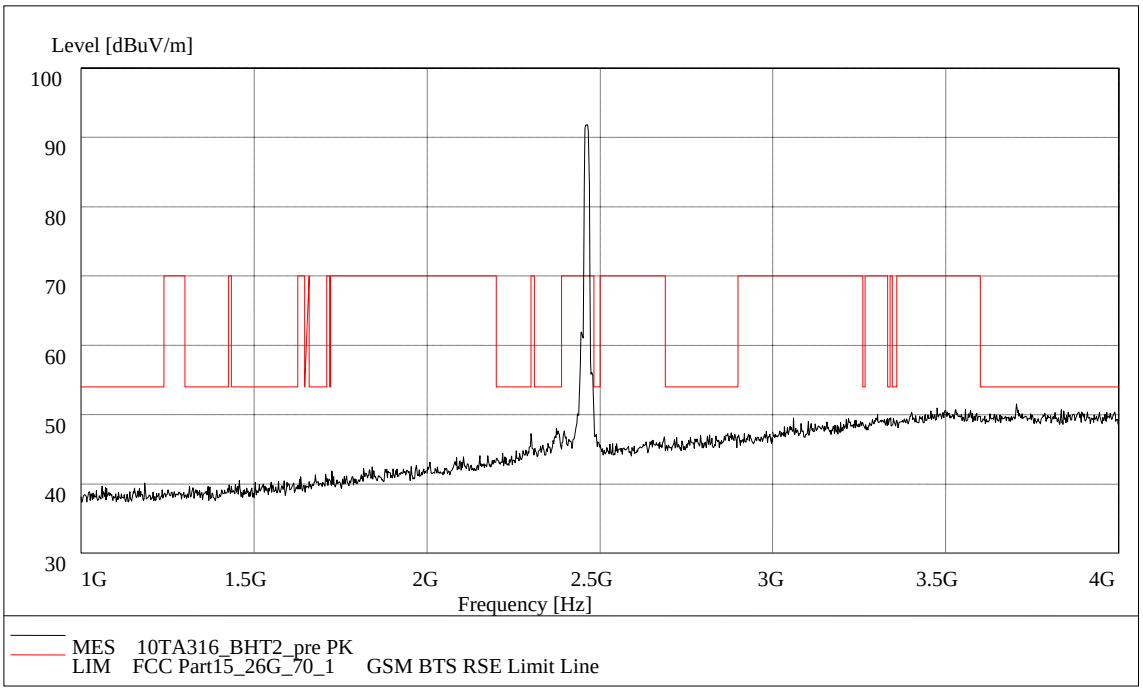


Fig. 43 Radiated Spurious Emission (802.11b, Ch11, 1 GHz-4 GHz)

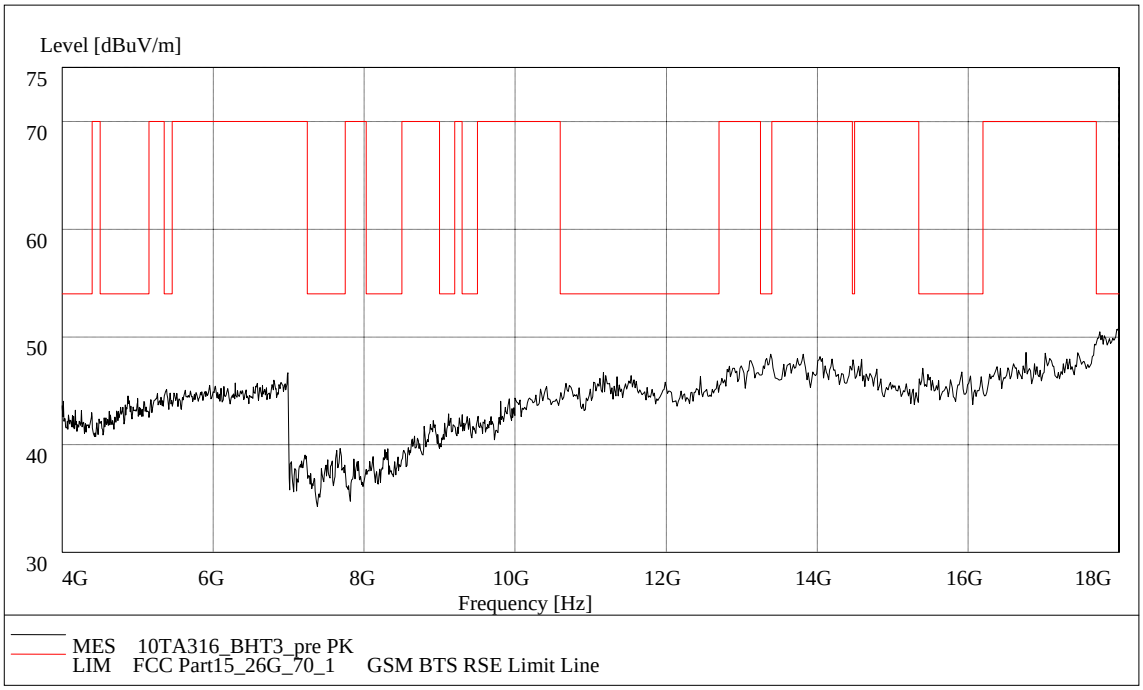


Fig. 44 Radiated Spurious Emission (802.11b, Ch11, 4 GHz-18 GHz)

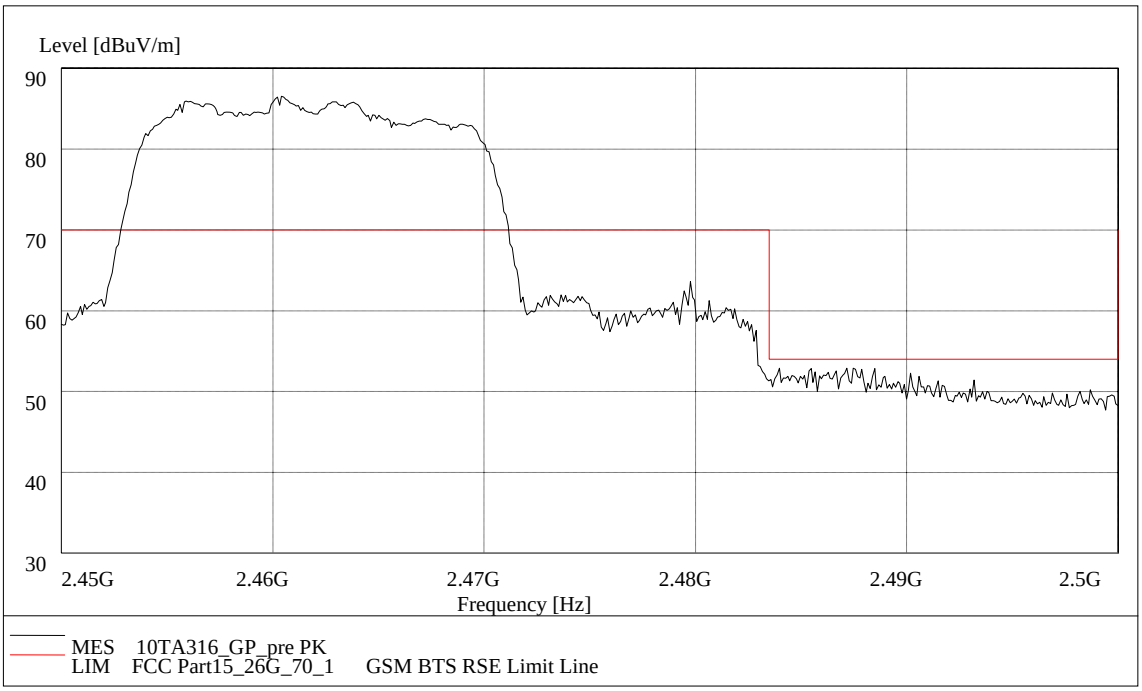


Fig. 45 Radiated Spurious Emission (Power): 802.11g, 2.45 GHz - 2.5GHz

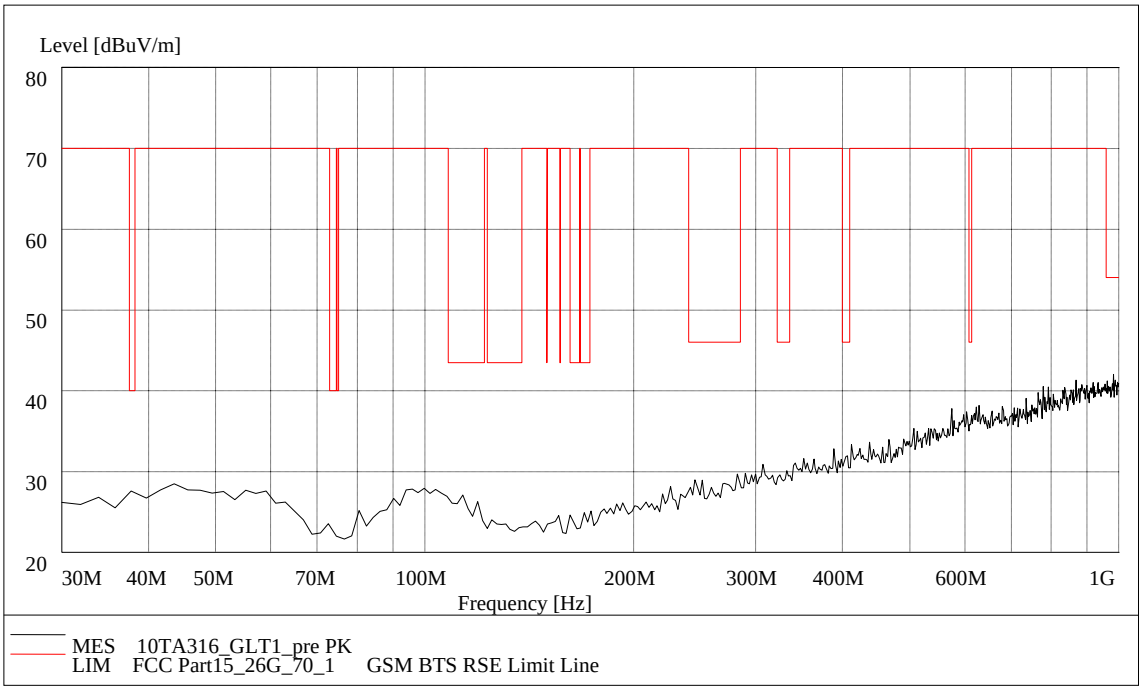


Fig. 46 Radiated Spurious Emission (802.11g, Ch1, 30 MHz-1 GHz)

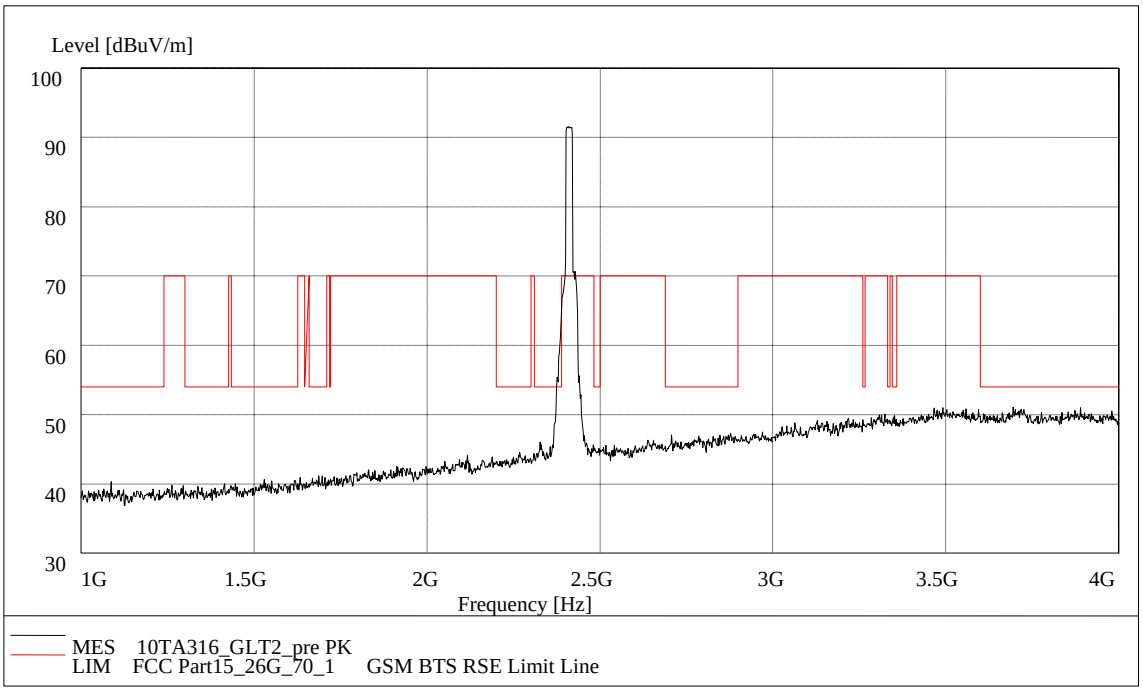


Fig. 47 Radiated Spurious Emission (802.11g, Ch1, 1 GHz-4 GHz)

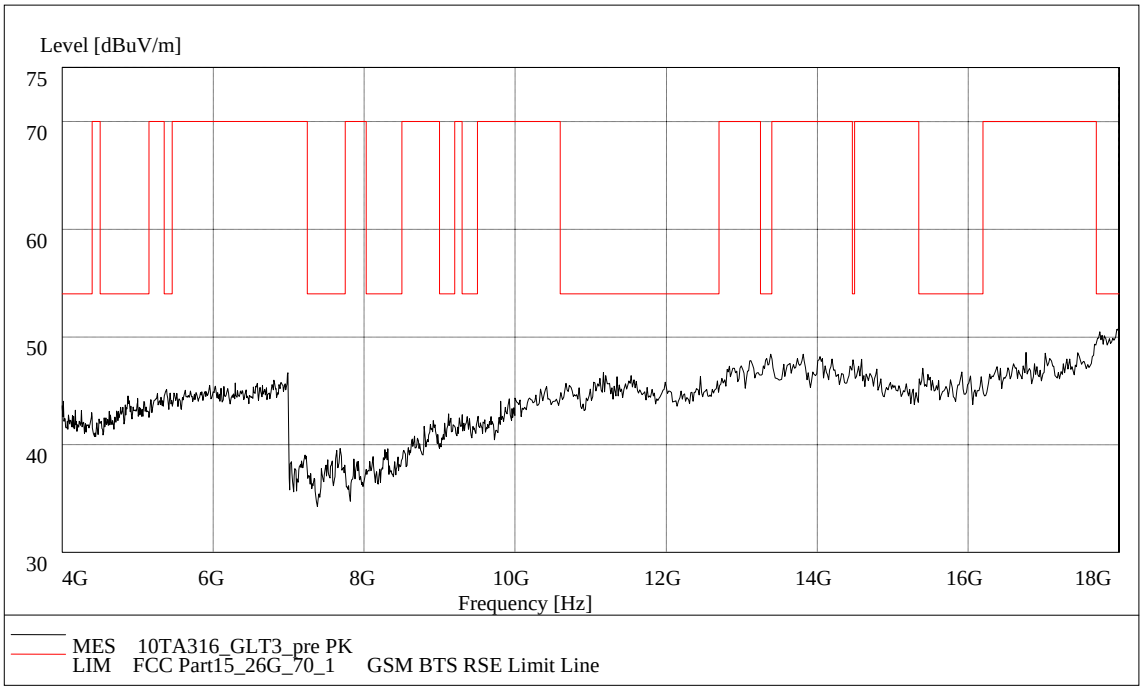


Fig. 48 Radiated Spurious Emission (802.11g, Ch1, 4 GHz-18 GHz)

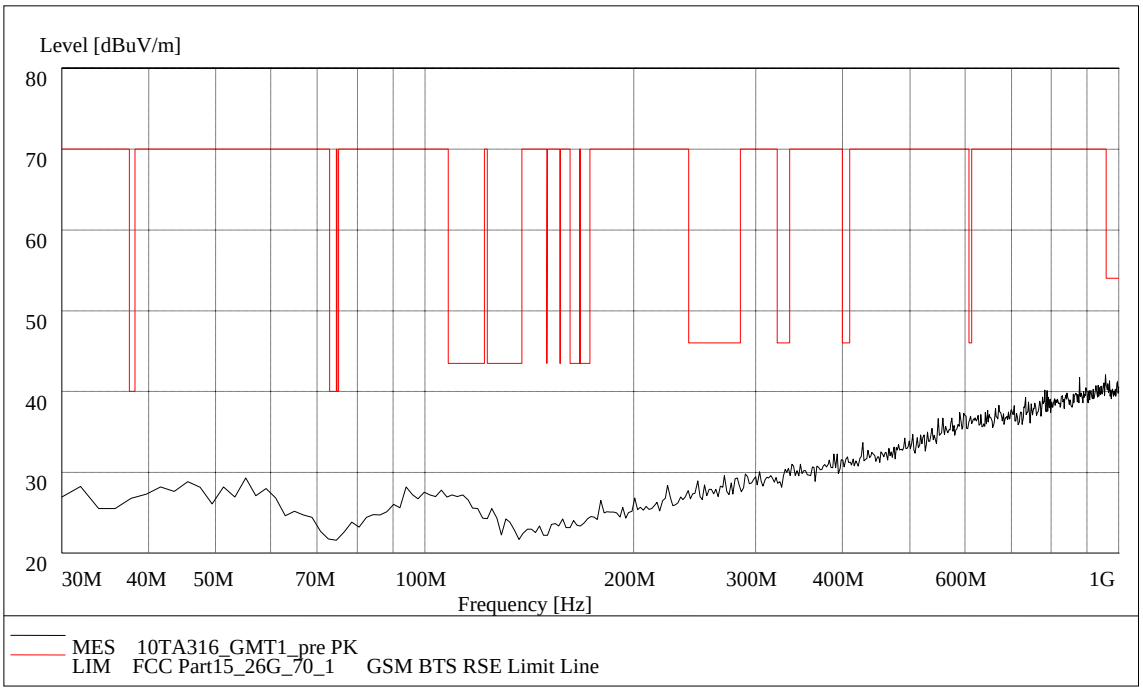


Fig. 49 Radiated Spurious Emission (802.11g, Ch6, 30 MHz-1 GHz)

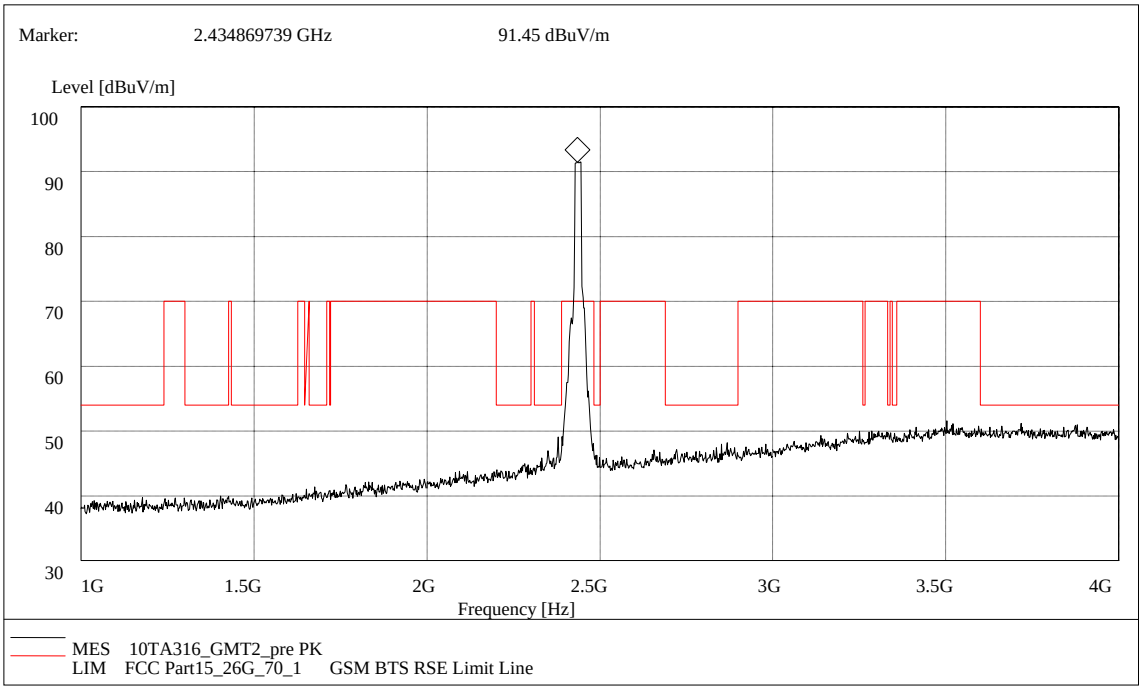


Fig. 50 Radiated Spurious Emission (802.11g, Ch6, 1 GHz-4 GHz)

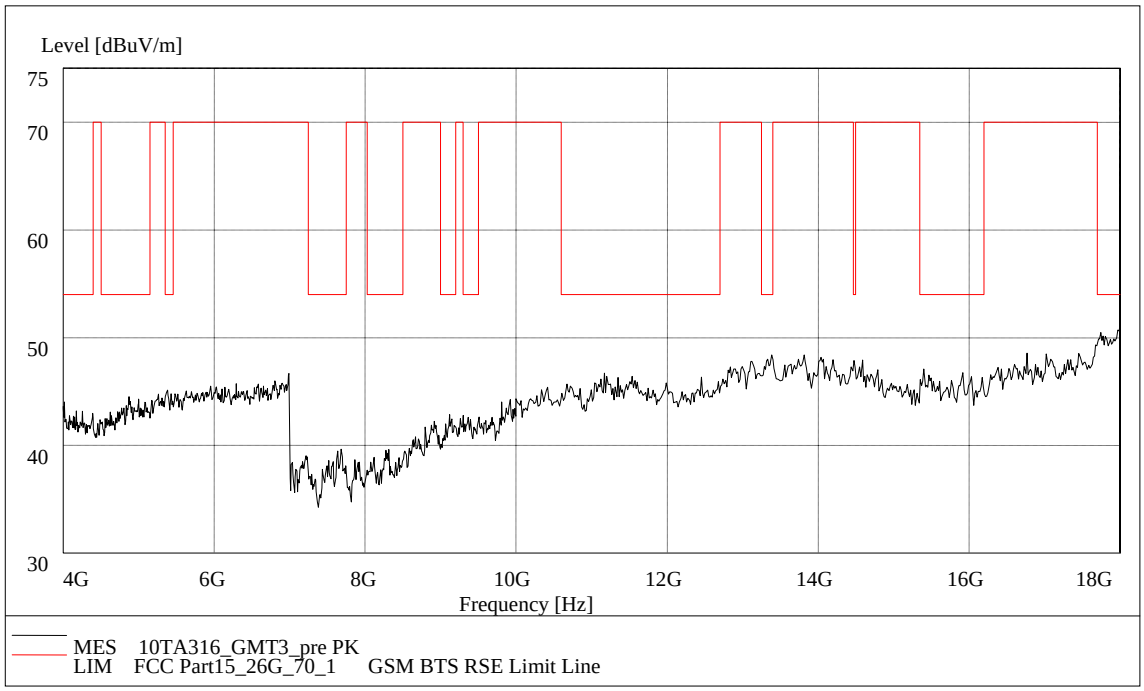


Fig. 51 Radiated Spurious Emission (802.11g, Ch6, 4 GHz-18 GHz)

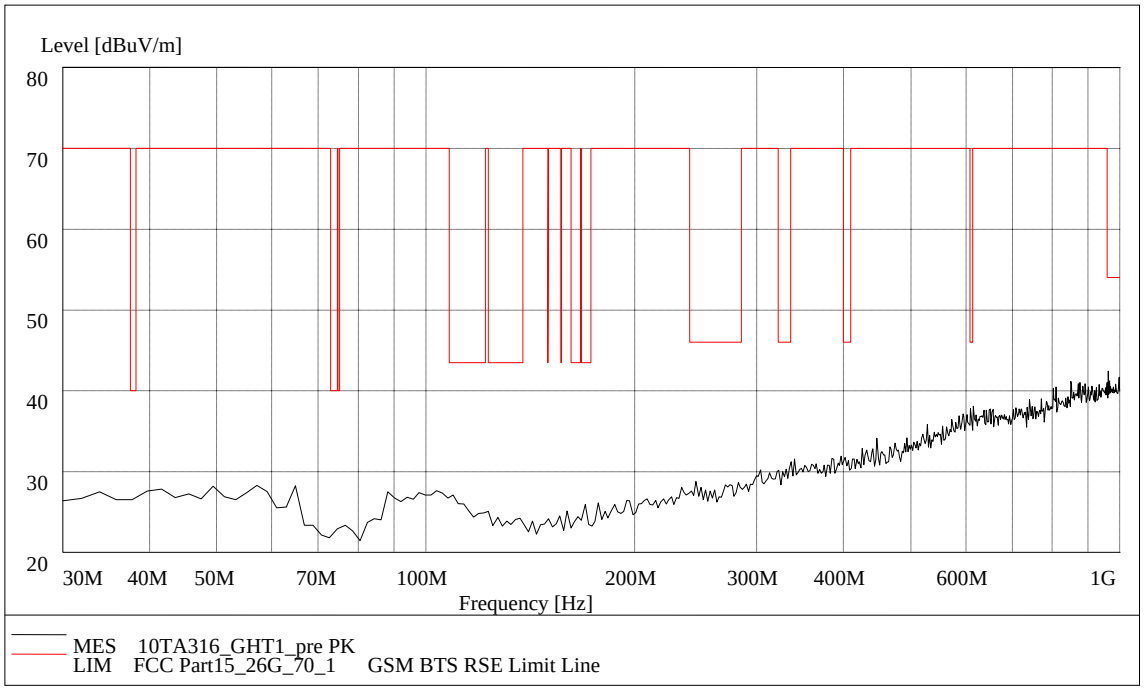


Fig. 52 Radiated Spurious Emission (802.11g, Ch11, 30 MHz-1 GHz)

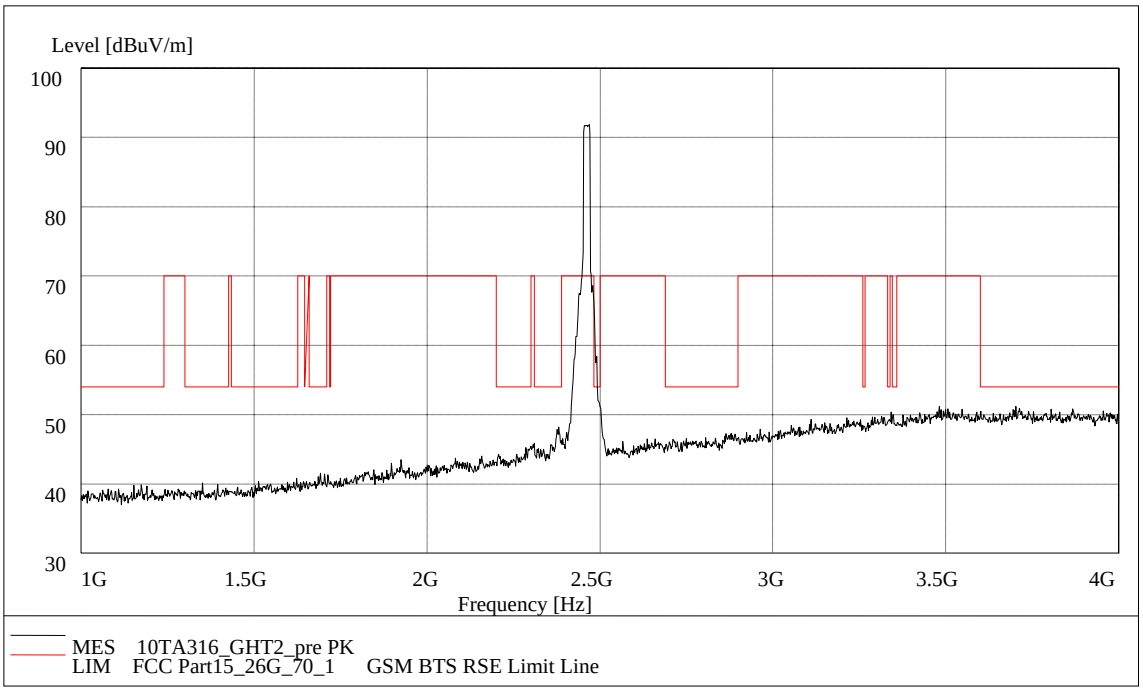


Fig. 53 Radiated Spurious Emission (802.11g, Ch11, 1 GHz-4 GHz)

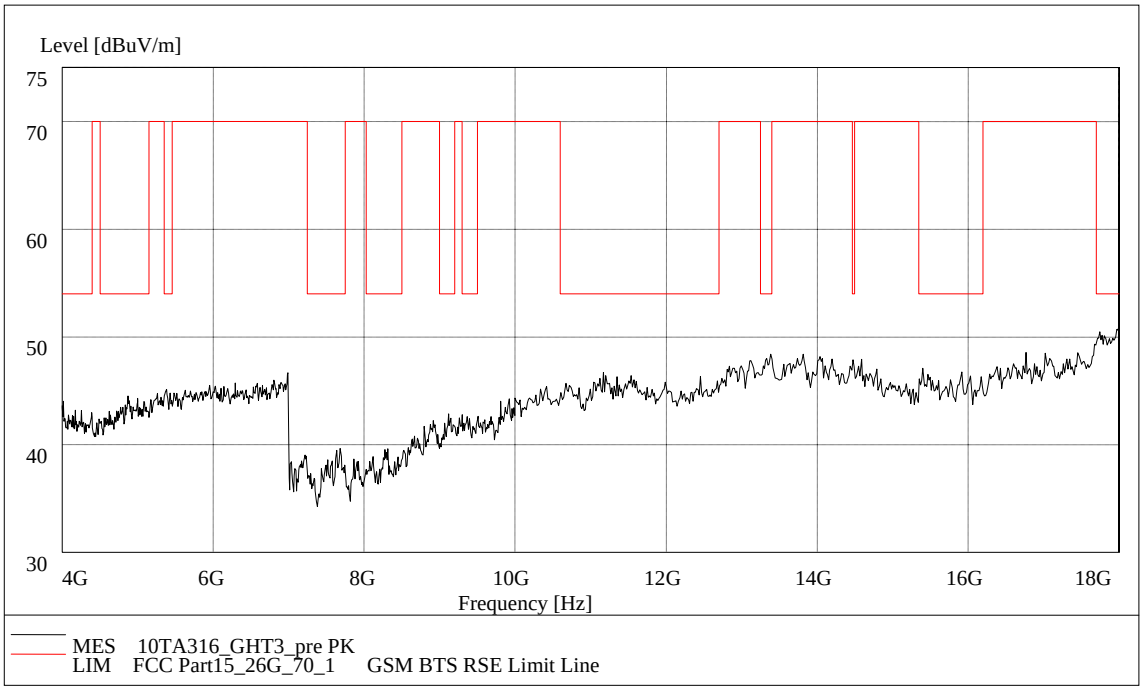


Fig. 54 Radiated Spurious Emission (802.11g, Ch11, 4 GHz-18 GHz)

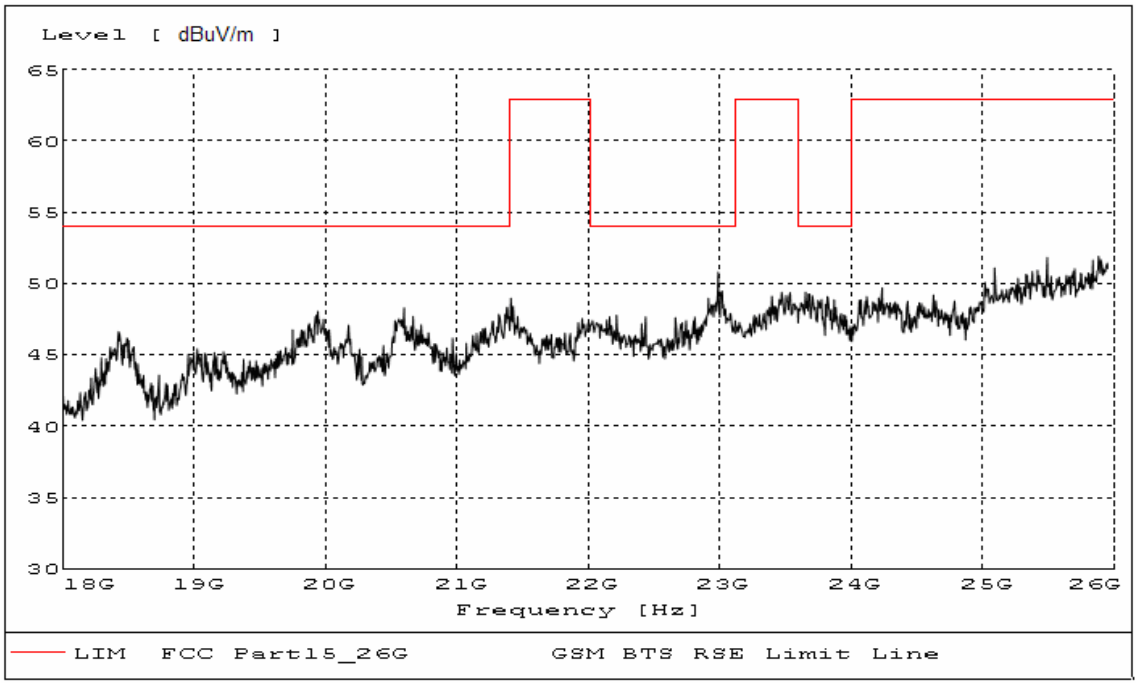


Fig. 55 Radiated emission: 18 GHz - 26 GHz

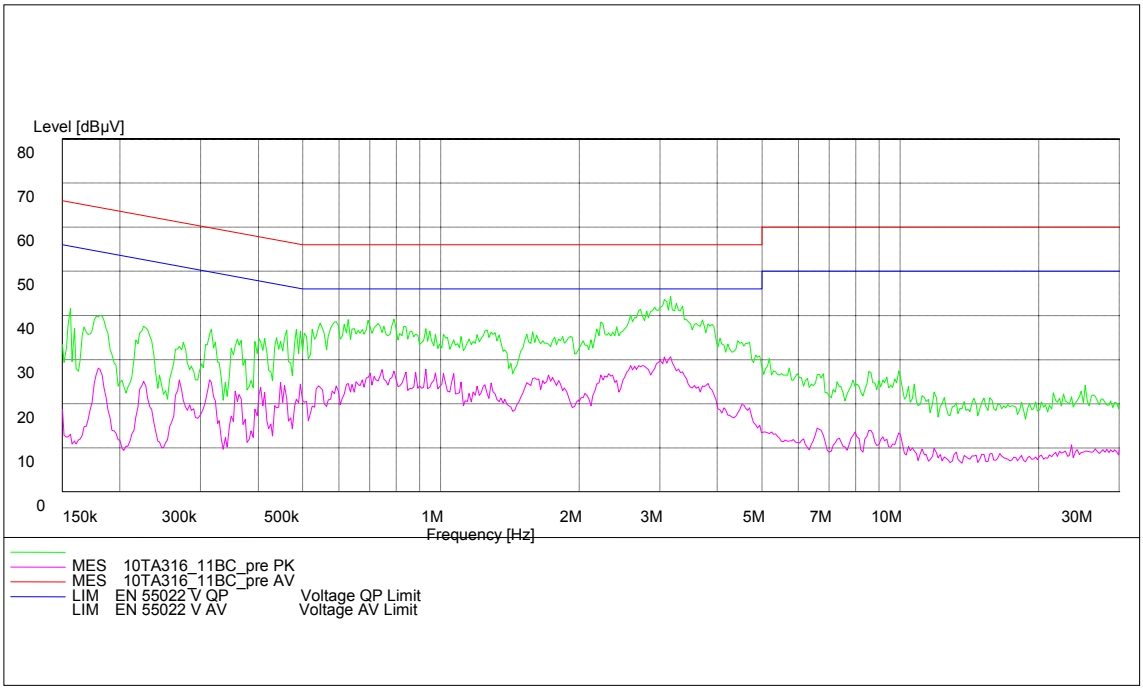


Fig. 56 AC Powerline Conducted Emission - Charger 1, 802.11b mode

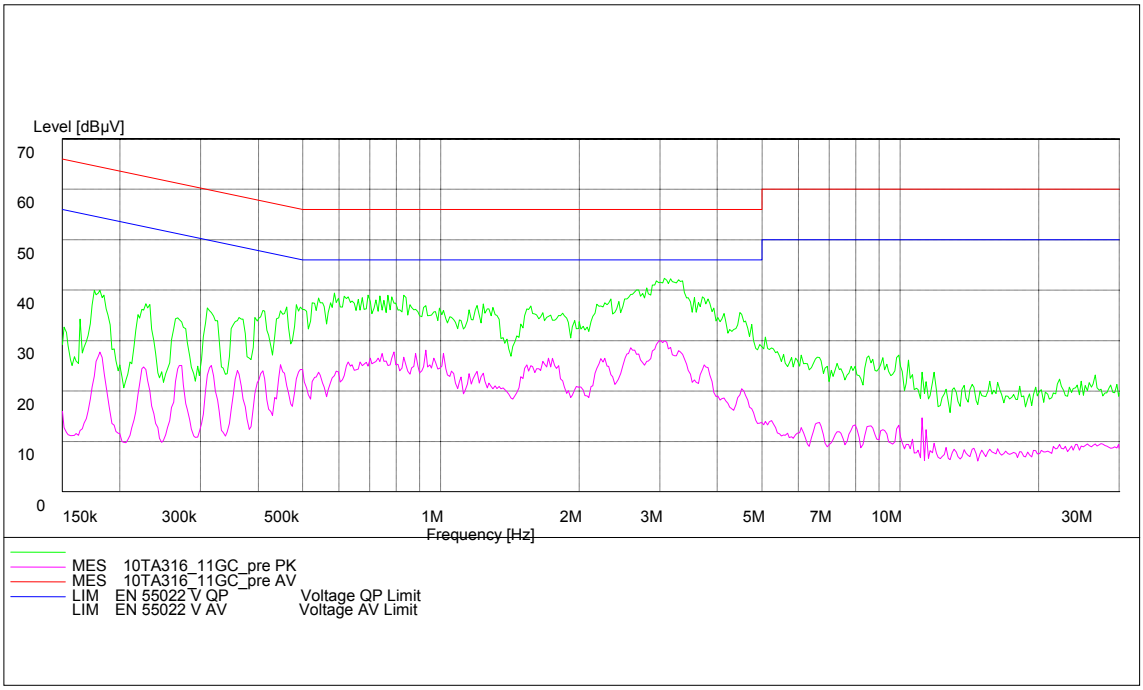


Fig. 57 AC Powerline Conducted Emission - Charger 1, 802.11g mode

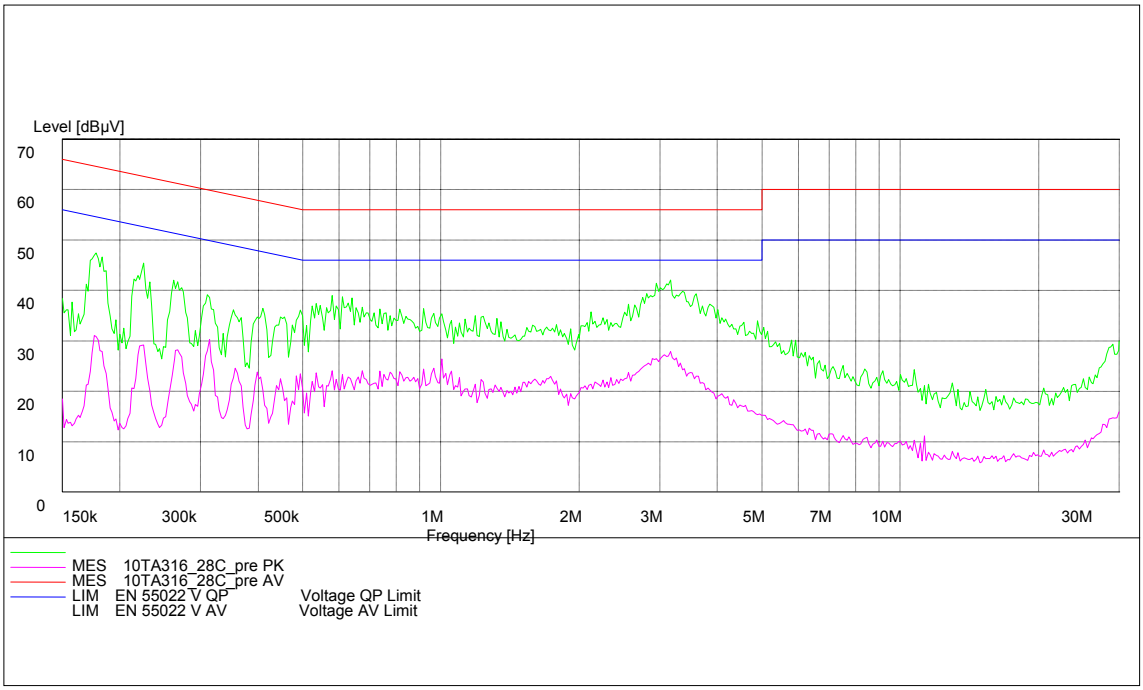


Fig. 58 AC Powerline Conducted Emission - Charger 2, 802.11b mode

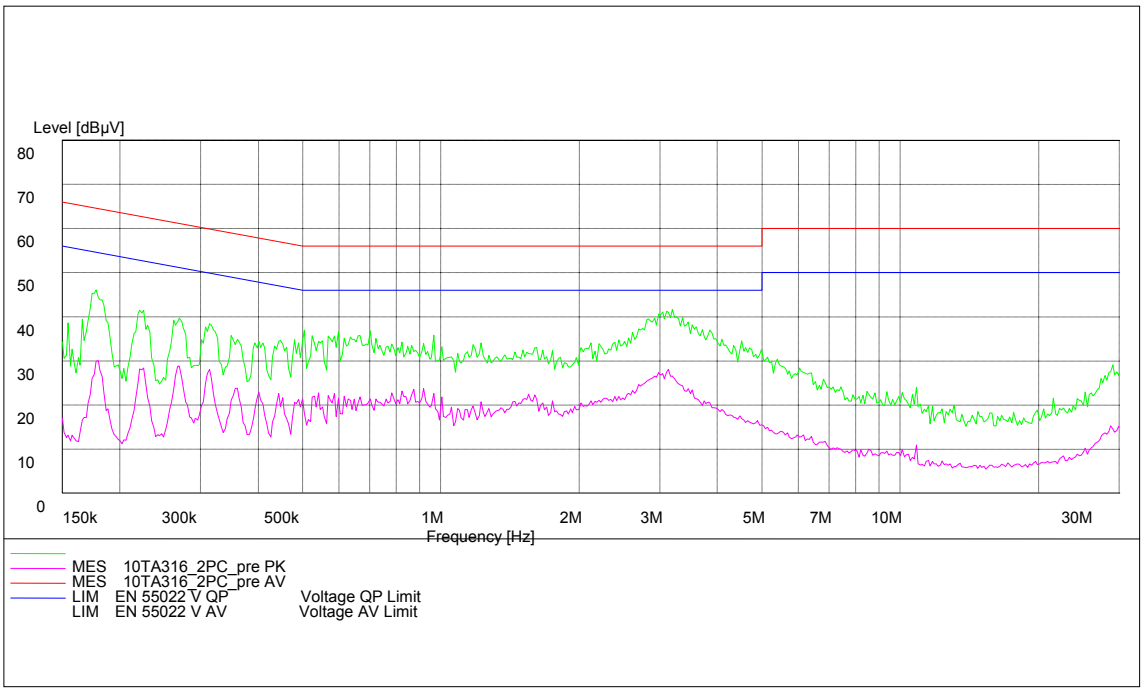


Fig. 59 AC Powerline Conducted Emission - Charger 2, 802.11g mode

***** END OF REPORT BODY *****