



ISO/IEC17025 Accredited Lab.

Report No:

FCC 1504075

File reference No:

2015-04-20

Applicant:

JiaChuangBo Technology Co., Ltd

Product:

Tablet PC

Model No:

MiTraveler 708, MiTraveler 720, MiTraveler 748, MiTraveler 808, MiTraveler 820, MiTraveler 848, MiTraveler 908, MiTraveler 920, MiTraveler 948, MiTraveler 10C3 Combo , Michley 700, Michley 718, Michley 7D8, Michley 800, Michley 818, Michley 880, Michley 900, Michley 918, Michley 980, C11, C18, Q8, Q9, Y88, Y88X, Y108, JCB 702, JCB 748, JCB 802, JCB 848, JCB 880, JCB 902, JCB 920, A705, A805, A820, X692, X720, X892

Trademark:

N/A

Test Standards:

FCC Part 15 Subpart C, Paragraph 15.247

Test result:

It is herewith confirmed and found to comply with the requirements set up by ANSI C63.4, FCC Part 15 Subpart C, Paragraph 15.247 regulations for the evaluation of electromagnetic compatibility

Approved By

*Jack Chung*

Jack Chung

Manager

Dated:

April 20, 2015

**Results appearing herein relate only to the sample tested**

**The technical reports is issued errors and omissions exempt and is subject to withdrawal at**

**SHENZHEN TIMEWAY TESTING LABORATORIES**

Room 512-519, 5/F., East Tower, Building 4, Anhua Industrial Zone, Futian District, Shenzhen, Guangdong, China

Tel (755) 83448688, Fax (755) 83442996, E-Mail: info@timewaytech.com





### **Special Statement:**

The testing quality ability of our laboratory meet with “Quality Law of People’s Republic of China” Clause 19.

The testing quality system of our laboratory meet with ISO/IEC-17025 requirements, which is approved by CNAL. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

#### **CNAL-LAB Code: L2292**

The EMC Laboratory has been assessed and in compliance with CNAL/AC01:2002 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:1999 General Requirements) for the Competence of testing Laboratories.

#### **FCC-Registration No.: 899988**

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 899988.

#### **IC- Registration No.: IC5205A-02**

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration IC No.: 5205A-02.

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## 1.0 General Details

### 1.1 Test Lab Details

Name : SHENZHEN TIMEWAY TESTING LABORATORIES.  
Address: Room 512-519,5/F., East Tower,Building 4, Anhua Industrial Zone, Futian District,Shenzhen, Guangdong China  
Telephone: (755) 83448688  
Fax: (755) 83442996  
Site on File with the Federal Communications Commission – United States  
Registration Number: 899988  
For 3m & 10 m OATS  
Site Listed with Industry Canada of Ottawa, Canada  
Registration Number: IC: 5205A-02  
For 3m & 10 m OATS

### 1.2 Applicant Details

Applicant: JiaChuangBo Technology Co., Ltd  
Address: 2nd&3rd Floor, Building 5 No.262 Yueling Rd, Gaoxin Dist, Anshan city, Liaoning Province, China  
Telephone: 0412-5061691  
Fax: 0412-5061691

### 1.3 Description of EUT

Product: Tablet PC  
Manufacturer: JiaChuangBo Technology Co., Ltd  
Address: 2nd&3rd Floor, Building 5 No.262 Yueling Rd, Gaoxin Dist, Anshan city, Liaoning Province, China  
Brand Name: N/A  
Model Number: MiTraveler 708  
Additional Model Number: MiTraveler 720, MiTraveler 748, MiTraveler 808, MiTraveler 820, MiTraveler 848, MiTraveler 908, MiTraveler 920, MiTraveler 948, MiTraveler 10C3 Combo , Michley 700, Michley 718, Michley 7D8, Michley 800, Michley 818, Michley 880, Michley 900, Michley 918, Michley 980, C11, C18, Q8, Q9, Y88, Y88X, Y108, JCB 702, JCB 748, JCB 802, JCB 848, JCB 880, JCB 902, JCB 920, A705, A805, A820, X692, X720, X892  
Type of Modulation IEEE 802.11b : DSSS (CCK, QPSK, DBPSK)  
IEEE 802.11g/n HT20/HT40 : OFDM(64QAM, 16QAM, QPSK, BPSK)  
Frequency range IEEE 802.11b/g/n HT20 : 2412-2462MHz; IEEE 802.11n HT40 : 2422-2452MHz;  
Channel Spacing IEEE 802.11b/g/n HT20/HT40 : 5MHz  
Antenna: Integral antenna used.  
Antenna Gain: Maximum 1.0dBi

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Air Data Rate IEEE 802.11b : 11, 5.5, 2, 1 Mbps  
IEEE 802.11g : 54, 48, 36, 24, 18, 12, 9, 6 Mbps  
IEEE 802.11n HT20/HT40 : up to 150Mbps  
Frequency Selection By software  
Power Supply: JHD-AP012U-050150AB Input: 100-240V, 50/60Hz, 0.35A; Output: 5V, 1500mA  
Channel Number IEEE 802.11b/g/n HT20 : 11 Channels; IEEE 802.11n HT40 : 7 Channels

1.4 Submitted Sample: 2 Samples

1.5 Test Duration  
2015-04-20 to 2015-04-20

1.6 Test Uncertainty  
Conducted Emissions Uncertainty =3.6dB  
Radiated Emissions Uncertainty =4.7dB

1.7 Test Engineer

*Terry Tang*

The sample tested by \_\_\_\_\_

Print Name: Terry Tang

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2.0	Test Equipments				
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	ROHDE&SCHWARZ	ESPI 3	100379	2014-08-22	2015-08-21
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100294	2014-08-22	2015-08-21
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100253	2014-08-22	2015-08-21
Ultra Broadband ANT	ROHDE&SCHWARZ	HL562	100157	2014-08-22	2015-08-21
ESDV Test Receiver	ROHDE&SCHWARZ	ESDV	100008	2014-08-22	2015-08-21
Impuls-Begrenzer	ROHDE&SCHWARZ	ESH3-Z2	100281	2014-08-22	2015-08-21
System Controller	CT	SC100	-	--	--
Loop Antenna	EMCO	6502	00042960	2014-08-22	2015-08-21
Test Receiver	ROHDE&SCHWARZ	ESI26	838786/013	2014-08-22	2015-08-21
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170265	2014-08-23	2015-08-21
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-631	2014-08-23	2015-08-21
Power meter	Anritsu	ML2487A	6K00003613	2014-08-22	2015-08-21
Power sensor	Anritsu	MA2491A	32263	2014-08-22	2015-08-21
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2014-08-23	2015-08-21
LISN	AFJ	LS16C	10010947251	2014-08-22	2015-08-21
LISN (Three Phase)	Schwarebeck	NSLK 8126	8126453	2014-08-22	2015-08-21
9*6*6 Anechoic	--	--	N/A	2014-08-22	2015-08-21
EMI Test Receiver	RS	ESCS30	100139	2014-08-22	2015-08-21

## 2.1 Auxiliary Equipment

Name	Model No.	Serial No.	Manufacturer	Cable	FCC ID/DOC
Passive Earphone	--	--	--	--	--

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### 3. DESCRIPTION OF TEST MODES

#### IEEE 802.11b, 802.11g, 802.11n (HT20) mode

The EUT had been tested under operating condition. There are three channels have been tested as following:

Channel	Frequency (MHz)
Low	2412
Middle	2437
High	2462

IEEE 802.11b mode: 11Mbps data rate (worst case) was chosen for full testing. IEEE 802.11g mode: 6Mbps data rate (worst case) was chosen for full testing. IEEE 802.11n (HT20) mode: 150Mbps data rate (worst case) were chosen for full testing

#### IEEE 802.11n HT40

The EUT had been tested under operating condition. There are three channels have been tested as following:

Channel	Frequency (MHz)
Low	2422
Mid	2437
High	2452

IEEE 802.11n HT40 mode: 150Mbps data rate (worst case) was chosen for full testing.

The worst-case data rates are determined according to the description above, based on the investigations by measuring the PSD and average power across all the data rates, bandwidths, modulations and spatial stream modes.

**Note: EUT Test With 100% Duty cycle.**

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### 3.0 Technical Details

#### 3.1 Summary of test results

The EUT has been tested according to the following specifications:			
Standard	Test Type	Result	Notes
FCC Part 15, Paragraph 15.107 & 15.207	Conducted Emission Test	PASS	Complies
FCC Part 15 Subpart C Paragraph 15.247(a)(2) Limit	Spectrum bandwidth of a Orthogonal Frequency Division Multiplex System Limit: 6dB bandwidth>500kHz	PASS	Complies
FCC Part 15, Paragraph 15.247(b)	Maximum peak output power Limit: max. 30dBm	PASS	Complies
FCC Part 15, Paragraph 15.109,15.205 & 15.209	Transmitter Radiated Emission Limit: Table 15.209	PASS	Complies
FCC Part 15, Paragraph 15.247(e)	Power Spectral Density Limit: max. 8dBm	PASS	Complies
FCC Part 15, Paragraph 15.247(d)	Out of Band Emission and Restricted Band Radiation Limit: 20dB less than peak value of fundamental frequency Restricted band limit: Table 15.209	PASS	Complies

#### 3.2 Test Standards

FCC Part 15 Subpart & Subpart C, Paragraph 15.247

#### 4.0 EUT Modification

No modification by Shenzhen Timeway Technology Consulting Co., Ltd

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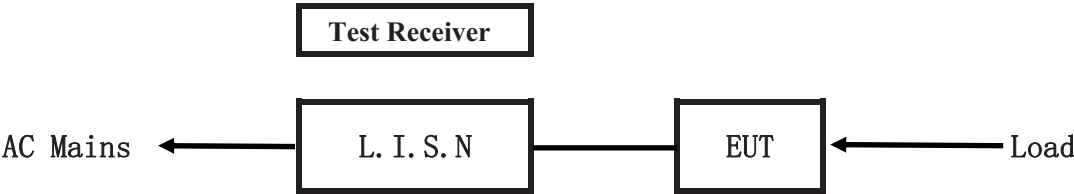
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5. Power Line Conducted Emission Test

5.1 Schematics of the test



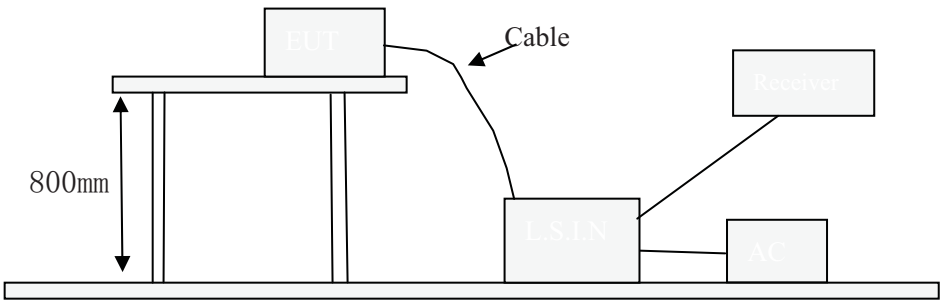
EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.10-2013. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.10-2013 and ANSI C63.4 -2009.

Test Voltage: 120V~, 60Hz

Block diagram of Test setup



5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.10-2013. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

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A. EUT

Device	Manufacturer	Model	FCC ID
Tablet PC	JiaChuangBo Technology Co., Ltd	MiTraveler 708, MiTraveler 720, MiTraveler 748, MiTraveler 808, MiTraveler 820, MiTraveler 848, MiTraveler 908, MiTraveler 920, MiTraveler 948, MiTraveler 10C3 Combo , Michley 700, Michley 718, Michley 7D8, Michley 800, Michley 818, Michley 880, Michley 900, Michley 918, Michley 980, C11, C18, Q8, Q9, Y88, Y88X, Y108, JCB 702, JCB 748, JCB 802, JCB 848, JCB 880, JCB 902, JCB 920, A705, A805, A820, X692, X720, X892	2AEJJ-JCB A9X

B. Internal Device

Device	Manufacturer	Model	Rating

C. Peripherals

Device	Manufacturer	Model	Rating
--	--	--	--

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.10 -2013.

A Setup the EUT and simulators as shown on follow

B Enable AF signal and confirm EUT active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.207 and 15.107 and RSS-210

Frequency (MHz)	Class A Limits (dB $\mu$ V)		Class B Limits (dB $\mu$ V)	
	Quasi-peak Level	Average Level	Quasi-peak Level	Average Level
0.15 ~ 0.50	79.0	66.0	66.0~56.0*	56.0~46.0*
0.50 ~ 5.00	73.0	60.0	56.0	46.0
5.00 ~ 30.00	73.0	60.0	60.0	50.0

- Notes: 1. \*Decreasing linearly with logarithm of frequency.  
2. The tighter limit shall apply at the transition frequencies

5.6 Test Results

The frequency spectrum from 0.15MHz to 30MHz was investigated. All reading are quasi-peak values with a resolution bandwidth of 9kHz.

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**A: Conducted Emission on Live Terminal (150kHz to 30MHz)**

**EUT Operating Environment**

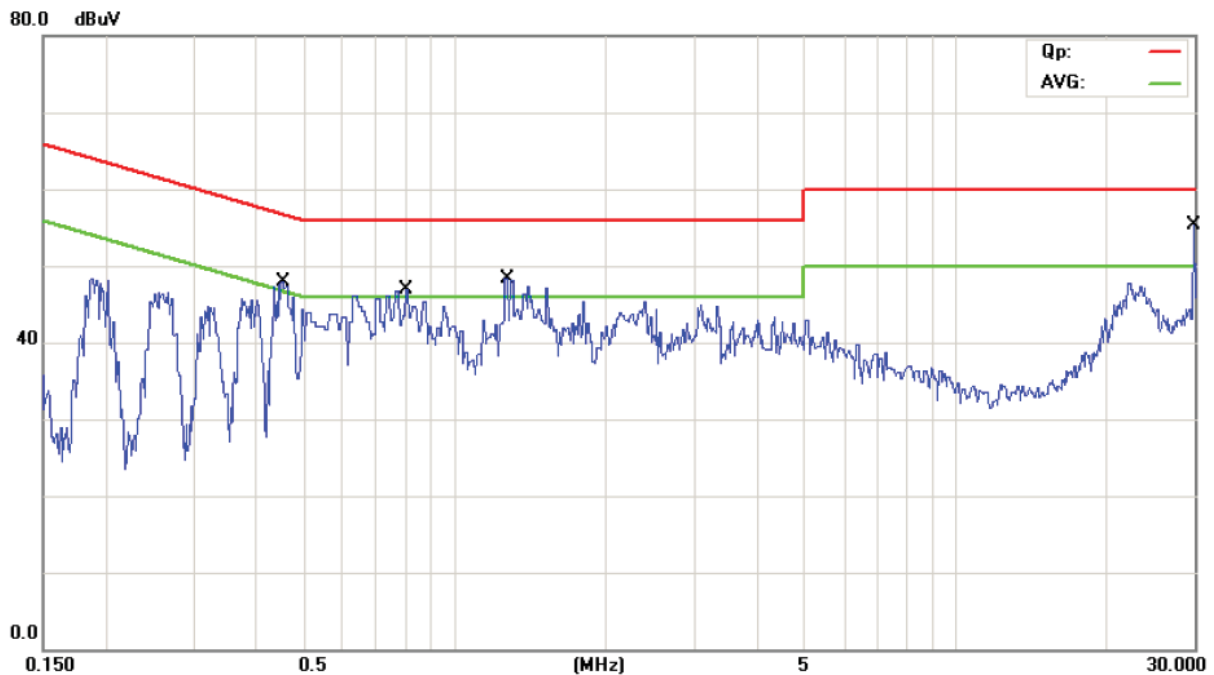
Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 KPa

**EUT set Condition: Keeping WIFI Transmitting**

**Equipment Level: Class B**

**Results: PASS**

Please refer to following diagram for individual



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.4486	29.50	11.32	40.82	56.90	-16.08	QP	
2		0.4486	7.20	11.32	18.52	46.90	-28.38	AVG	
3	*	0.8003	29.20	11.69	40.89	56.00	-15.11	QP	
4		0.8003	2.30	11.69	13.99	46.00	-32.01	AVG	
5		1.2640	27.20	12.01	39.21	56.00	-16.79	QP	
6		1.2640	6.30	12.01	18.31	46.00	-27.69	AVG	
7		29.8348	27.80	11.30	39.10	60.00	-20.90	QP	
8		29.8348	20.10	11.30	31.40	50.00	-18.60	AVG	

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**B: Conducted Emission on Neutral Terminal (150kHz to 30MHz)**

**EUT Operating Environment**

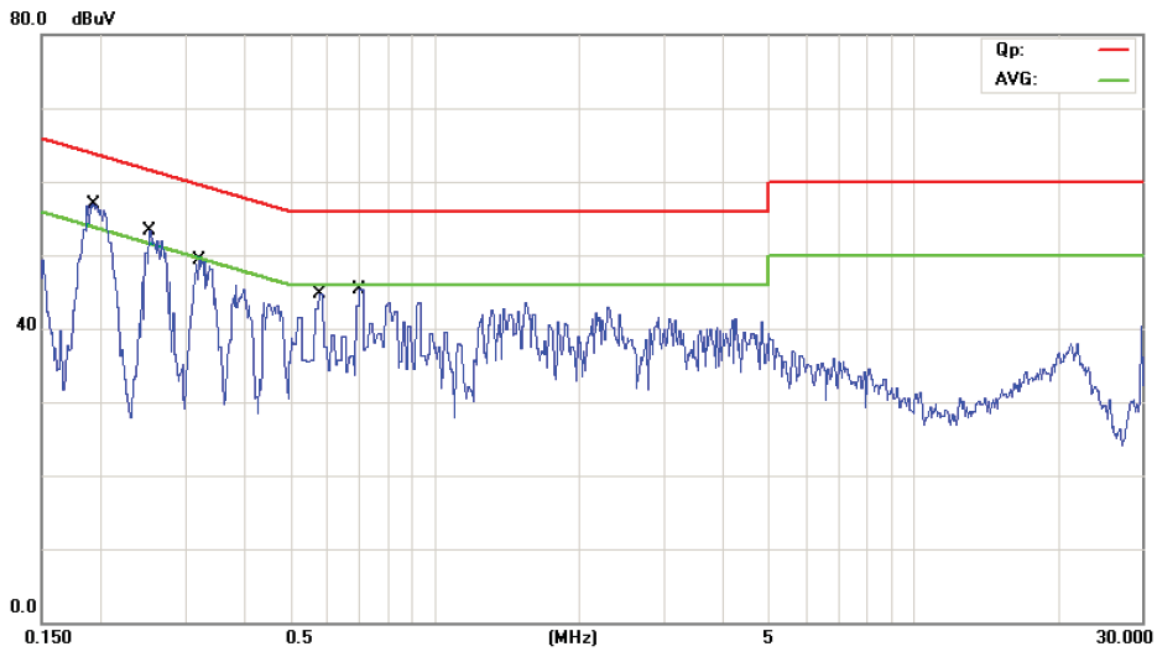
Temperature: 26°C Humidity: 65%RH Atmospheric Pressure: 101 KPa

**EUT set Condition: Keeping WIFI Transmitting**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.1921	41.40	11.04	52.44	63.95	-11.51	QP	
2		0.1921	8.10	11.04	19.14	53.95	-34.81	AVG	
3		0.2522	33.30	11.11	44.41	61.68	-17.27	QP	
4		0.2522	9.80	11.11	20.91	51.68	-30.77	AVG	
5		0.6976	27.30	11.58	38.88	56.00	-17.12	QP	
6		0.6976	4.40	11.58	15.98	46.00	-30.02	AVG	
7		0.3197	29.00	11.18	40.18	59.71	-19.53	QP	
8		0.3197	5.60	11.18	16.78	49.71	-32.93	AVG	
9		0.5753	26.60	11.45	38.05	56.00	-17.95	QP	
10		0.5753	8.70	11.45	20.15	46.00	-25.85	AVG	

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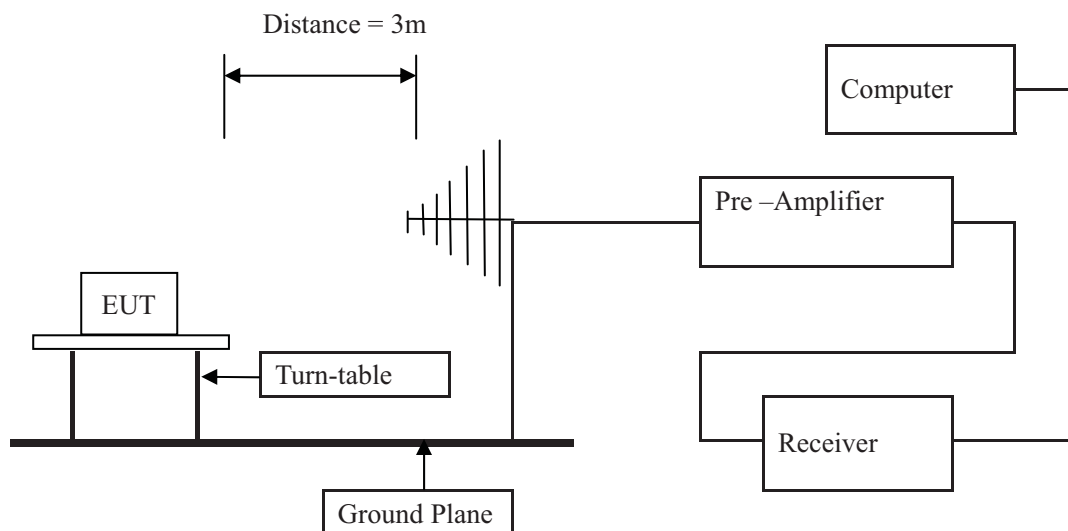


## 6 Radiated Emission Test

### 6.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.10 –2013. The radiated test was performed at Timeway Laboratory. This site is on file with the FCC laboratory division, Registration No.899988
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.10-2013 and ANSI C63.4 -2009.
- (3) The frequency spectrum from 30 MHz to 25 GHz was investigated. All readings from 30 MHz to 1 GHz are Quasi-peak values with a resolution bandwidth of 120 kHz. For measurement above 1GHz, peak values with RBW=VBW=1MHz and PK detector. AV value with RBW=1MHz, VBW=3MHz and RMS detector. Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance is with all installation combinations. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dB of specification limit), and are distinguished with a “QP” in the data table.
- (6) The antenna polarization : Vertical polarization and Horizontal polarization.

#### Block diagram of Test setup



### 6.2 Configuration of The EUT

Same as section 5.3 of this report

### 6.3 EUT Operating Condition

Same as section 5.4 of this report.

The report refers only to the sample tested and does not apply to the bulk.

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#### 6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

**Frequencies in restricted band are complied to limit on Paragraph 15.209 and 15.109 and RSS-210**

Frequency Range (MHz)	Distance (m)	Field strength (dB $\mu$ V/m)
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

- Note:
1. RF Voltage (dBuV) = 20 log RF Voltage ( $\mu$ V)
  2. In the Above Table, the higher limit applies at the band edges.
  3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT
  4. This is a handheld device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.

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**Test result**

**General Radiated Emission Data and Harmonics Radiated Emission Data**

**Radiated Emission In Horizontal (30MHz---1000MHz)**

**EUT set Condition: Keeping WIFI Transmitting**

**Results: Pass**

Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
30.120	30.32	H	40.00
444.360	40.96	H	43.50
100.000	32.51	H	46.00
111.560	30.19	V	43.50
33.560	37.20	V	40.00
968.240	39.22	V	46.00

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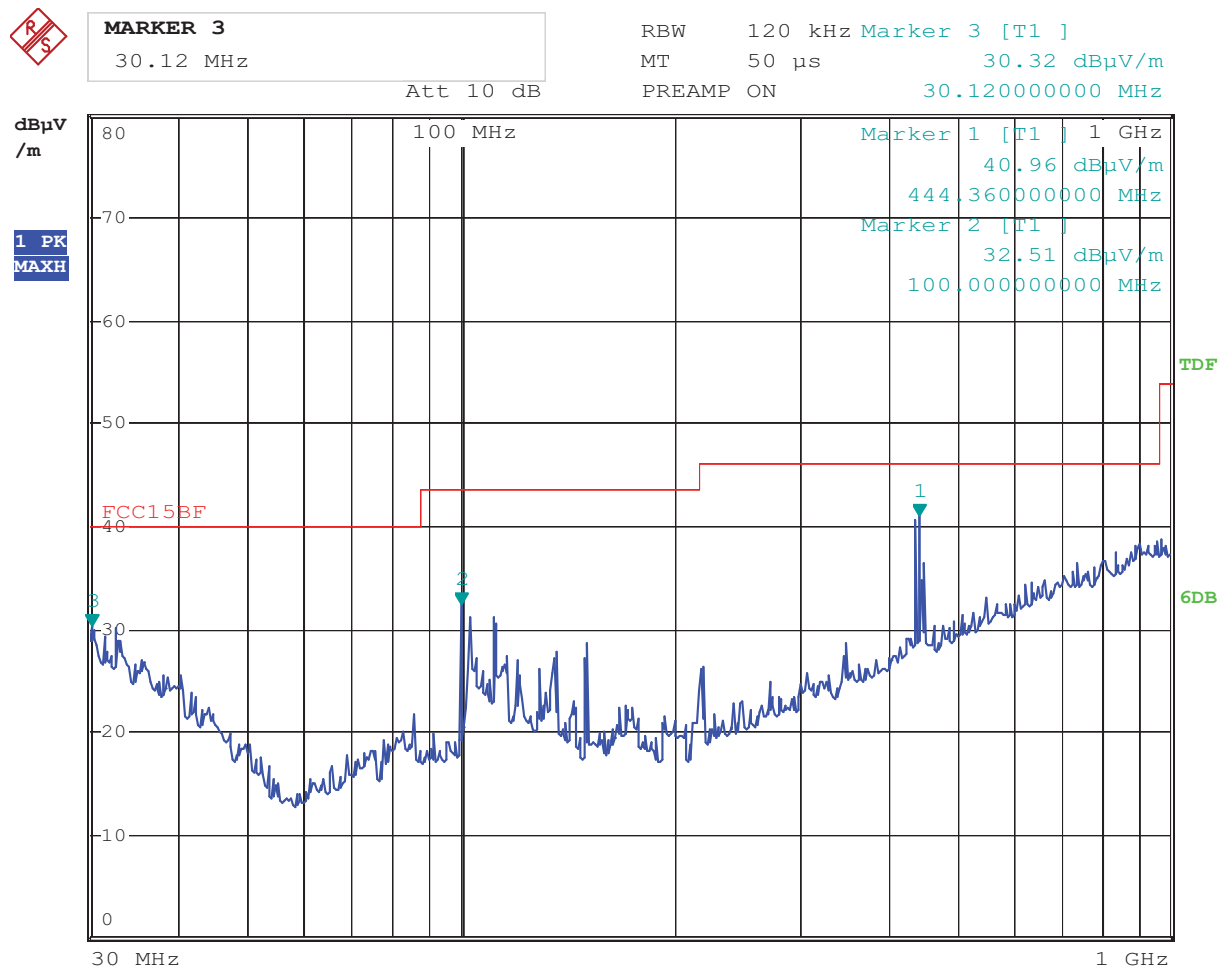
In the event of the improper use of the report. The SHENZHEN TIMEWAY TESTING LABORATORIES, reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.





Test Figure:

H



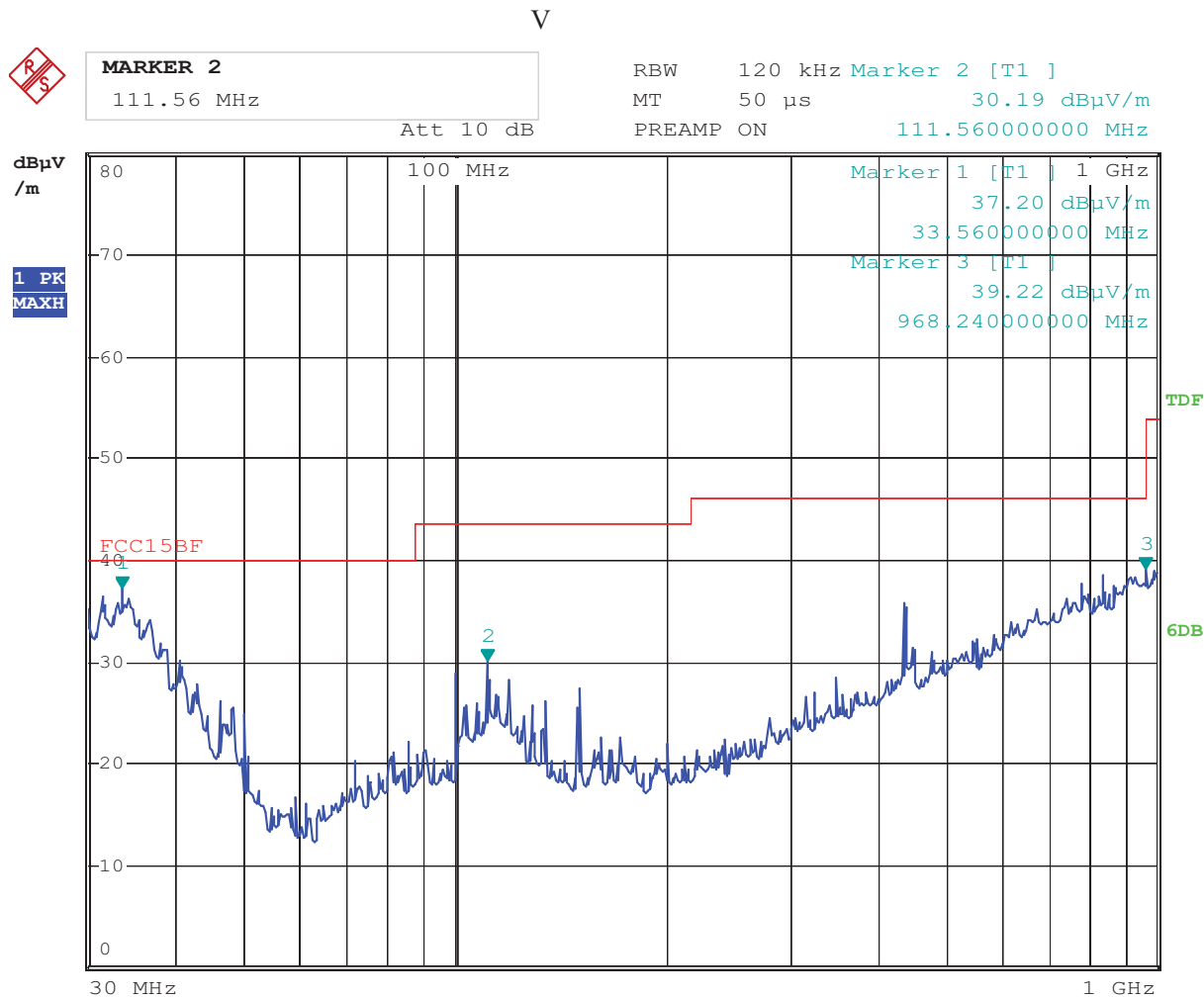
Date: 13.APR.2015 13:05:28

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Test Figure:



Date: 13.APR.2015 13:07:32

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**Operation Mode: Keeping WIFI Transmitting under CH01 for 11g at 6Mbps**

Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
4824.00	52.28 (PK)	H	74(Peak)/ 54(AV)
4824.00	52.32 (PK)	V	74(Peak)/ 54(AV)
7236.00	--	H/V	74(Peak)/ 54(AV)
9648.00	--	H/V	74(Peak)/ 54(AV)
12060	--	H/V	74(Peak)/ 54(AV)
14472	--	H/V	74(Peak)/ 54(AV)
16884	--	H/V	74(Peak)/ 54(AV)
19296	--	H/V	74(Peak)/ 54(AV)
21708	--	H/V	74(Peak)/ 54(AV)
24120	--	H/V	74(Peak)/ 54(AV)

- Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit  
2. Remark "---" means that the emissions level is too low to be measured  
3. For 802.11g mode 6Mbps

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**Operation Mode: Keeping WIFI Transmitting under CH06 for 11g at 6Mbps**

Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
4874.00	50.97 (PK)	H	74(Peak)/ 54(AV)
4874.00	52.70 (PK)	V	74(Peak)/ 54(AV)
7311.00	--	H/V	74(Peak)/ 54(AV)
9748.00	--	H/V	74(Peak)/ 54(AV)
12185	--	H/V	74(Peak)/ 54(AV)
14622	--	H/V	74(Peak)/ 54(AV)
17059	--	H/V	74(Peak)/ 54(AV)
19496	--	H/V	74(Peak)/ 54(AV)
21933	--	H/V	74(Peak)/ 54(AV)
24370	--	H/V	74(Peak)/ 54(AV)

- Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit  
2. Remark "---" means that the emissions level is too low to be measured  
3. For 802.11g mode 6 Mbps

**Operation Mode: Keeping WIFI Transmitting under CH11 for 11g at 6Mbps**

Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
4924	51.58 (PK)	H	74(Peak)/ 54(AV)
4924	51.64 (PK)	V	74(Peak)/ 54(AV)
7368	--	H/V	74(Peak)/ 54(AV)
9848	--	H/V	74(Peak)/ 54(AV)
12310	--	H/V	74(Peak)/ 54(AV)
14772	--	H/V	74(Peak)/ 54(AV)
17234	--	H/V	74(Peak)/ 54(AV)
19696	--	H/V	74(Peak)/ 54(AV)
22158	--	H/V	74(Peak)/ 54(AV)
24620	--	H/V	74(Peak)/ 54(AV)

- Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit  
2. Remark "---" means that the emissions level is too low to be measured  
3. For 802.11g mode at 6 Mbps

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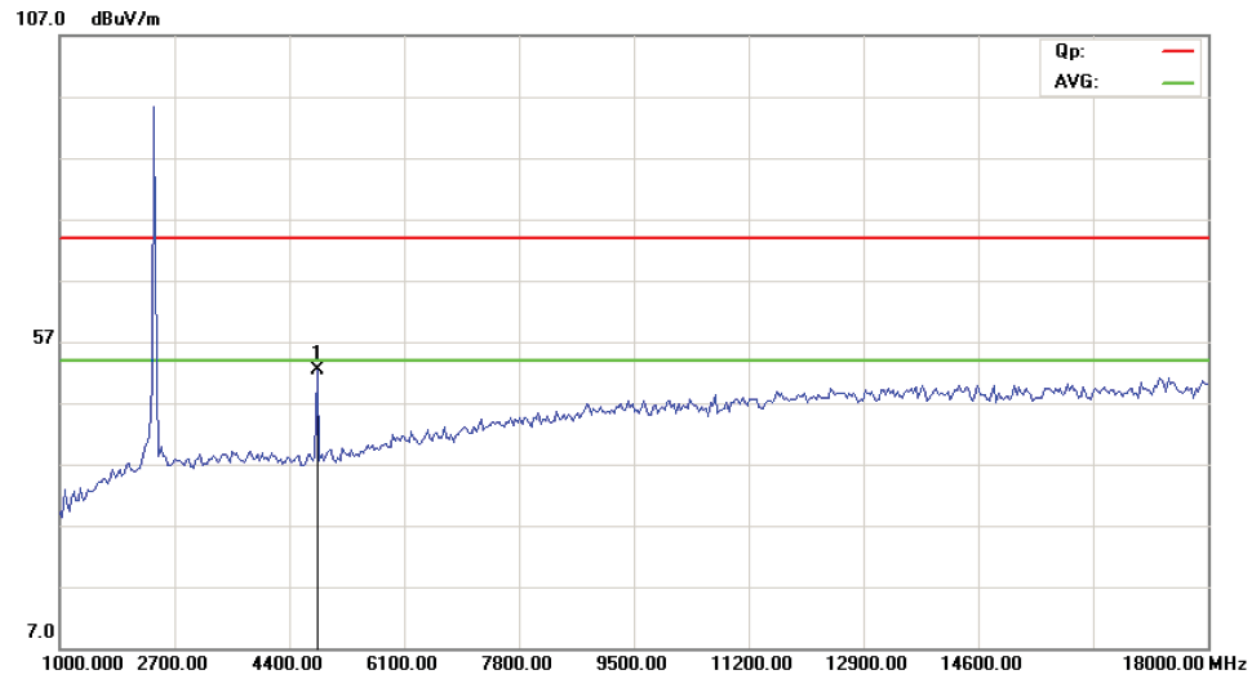
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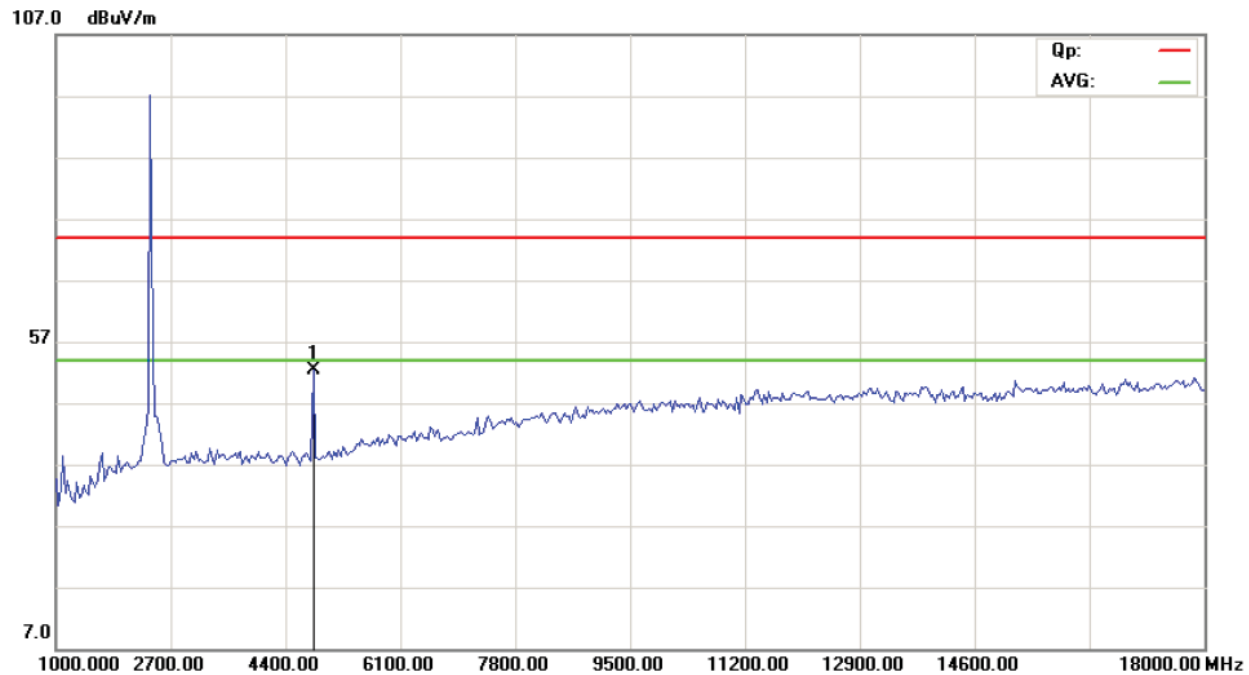


Please refer to the following test plots for details:

**CH01 for 11g at 6Mbps: Horizontal**



**CH01 for 11g at 6Mbps: Vertical**

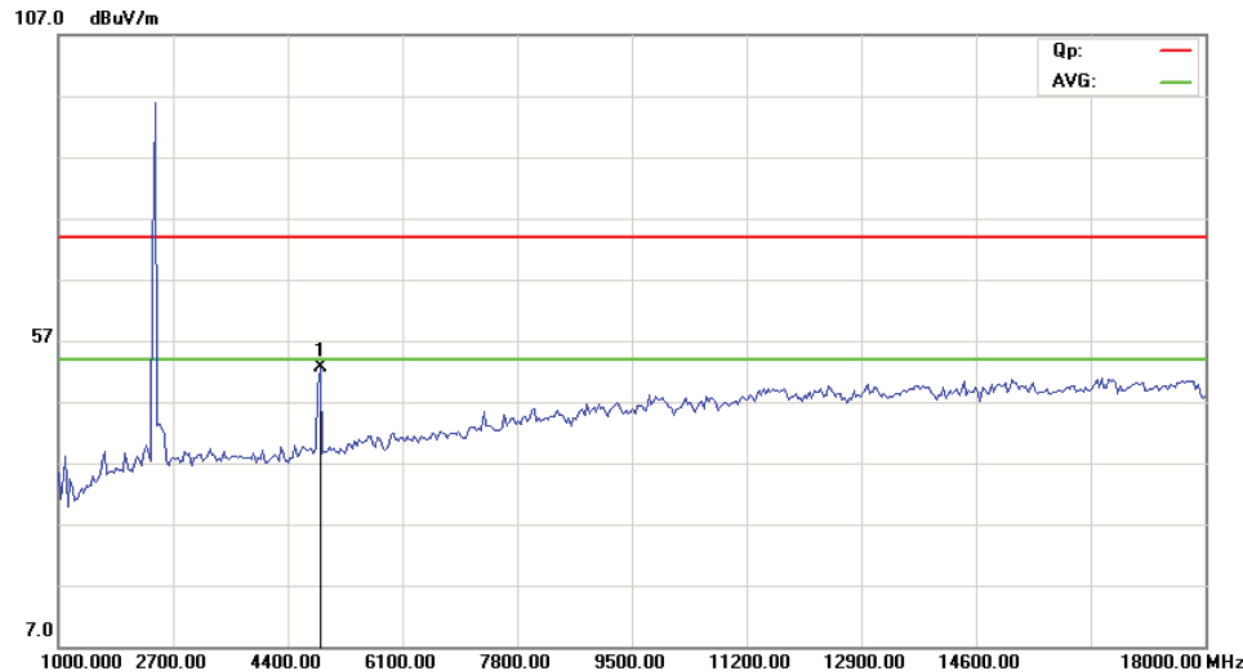


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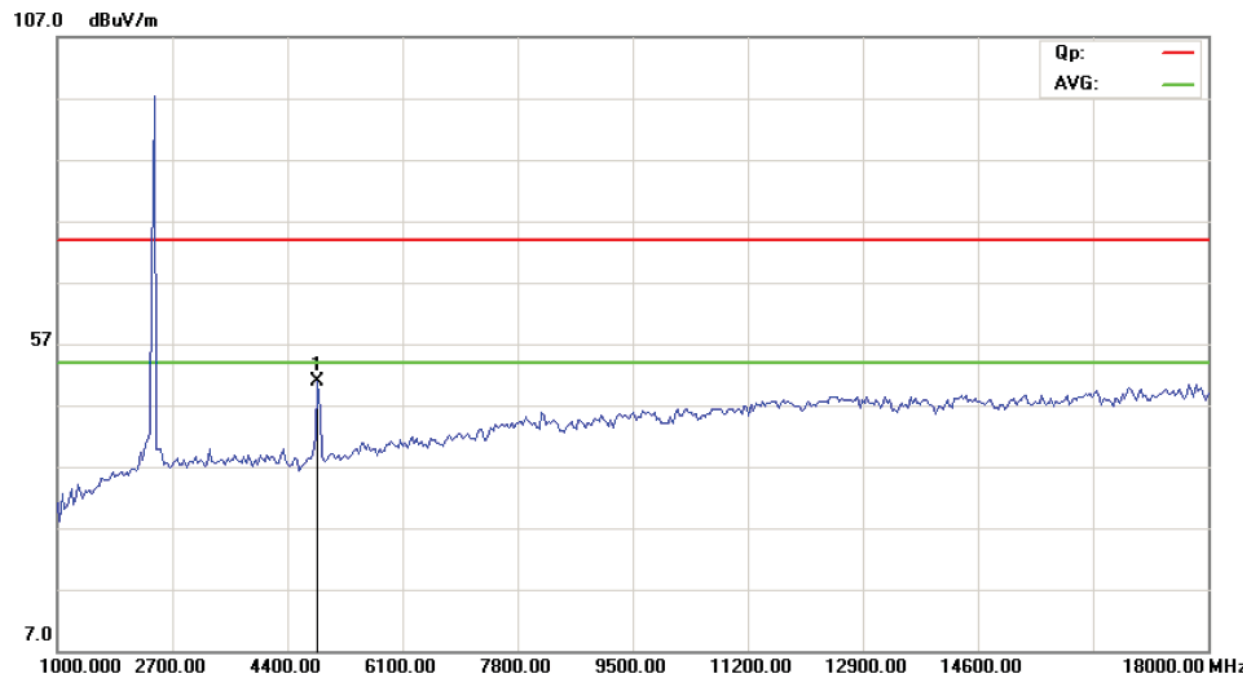




CH06 for 11g at 6Mbps: Vertical



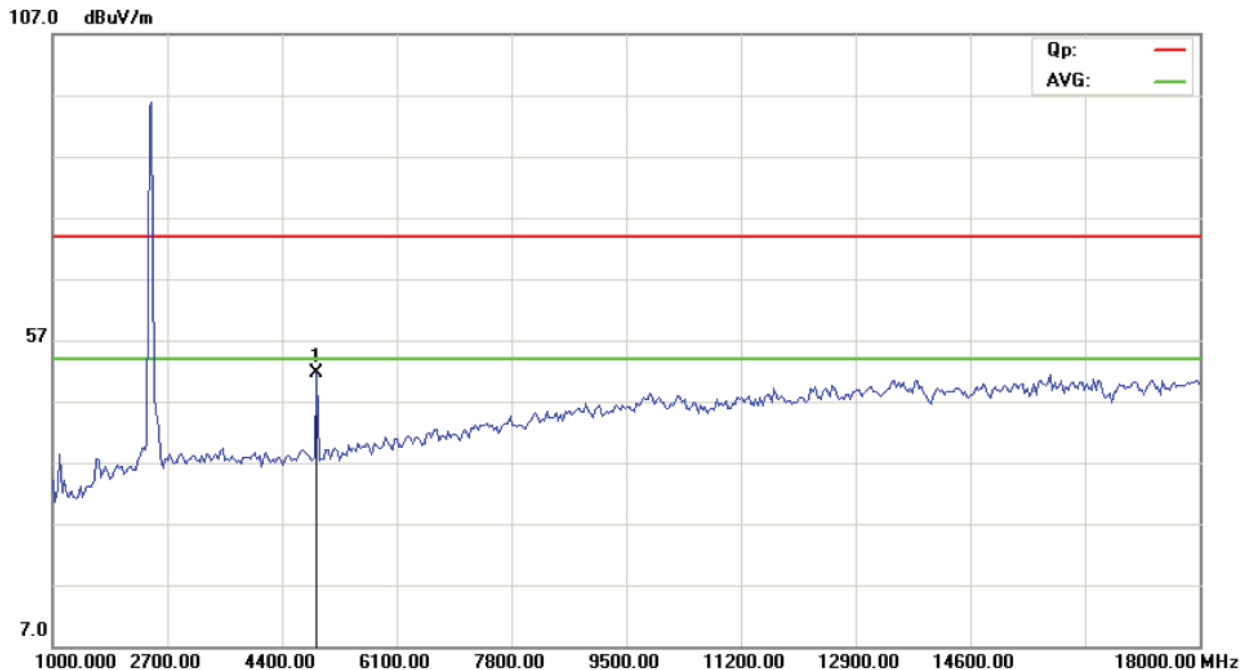
CH06 for 11g at 6Mbps: Horizontal



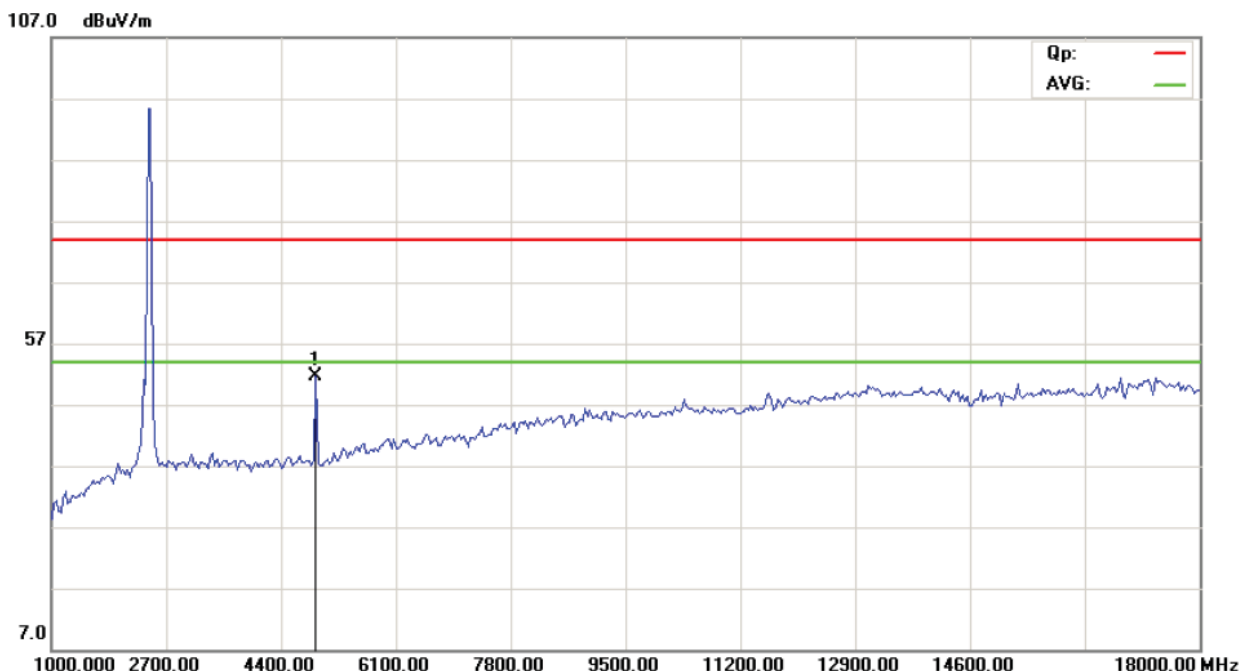
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### CH11 for 11g at 6Mbps: Vertical



### CH11 for 11g at 6Mbps: Horizontal



Note: For radiated Emissions from 18-25GHz, it is only the floor noise.

The report refers only to the sample tested and does not apply to the bulk.

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**Operation Mode: Keeping WIFI Transmitting under CH01 for 11b at 11Mbps**

Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
4824.00	50.82 (PK)	H	74(Peak)/ 54(AV)
4824.00	51.09 (PK)	V	74(Peak)/ 54(AV)
7236.00	--	H/V	74(Peak)/ 54(AV)
9648.00	--	H/V	74(Peak)/ 54(AV)
12060	--	H/V	74(Peak)/ 54(AV)
14472	--	H/V	74(Peak)/ 54(AV)
16684	--	H/V	74(Peak)/ 54(AV)
19296	--	H/V	74(Peak)/ 54(AV)
21708	--	H/V	74(Peak)/ 54(AV)
24120	--	H/V	74(Peak)/ 54(AV)

- Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit  
2. Remark "---" means that the emissions level is too low to be measured  
3. For 802.11b mode 11Mbps

**Operation Mode: Keeping WIFI Transmitting under CH06 for 11b at 11Mbps**

Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
4874.00	49.01 (PK)	H	74(Peak)/ 54(AV)
4874.00	51.50 (PK)	V	74(Peak)/ 54(AV)
7311.00	--	H/V	74(Peak)/ 54(AV)
9748.00	--	H/V	74(Peak)/ 54(AV)
12185	--	H/V	74(Peak)/ 54(AV)
14622	--	H/V	74(Peak)/ 54(AV)
17059	--	H/V	74(Peak)/ 54(AV)
19496	--	H/V	74(Peak)/ 54(AV)
21933	--	H/V	74(Peak)/ 54(AV)
24370	--	H/V	74(Peak)/ 54(AV)

- Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit  
2. Remark "---" means that the emissions level is too low to be measured  
3. For 802.11b mode 11Mbps

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**Operation Mode: Keeping WIFI Transmitting under CH11 for 11b at 11Mbps**

Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
4924	50.79 (PK)	H	74(Peak)/ 54(AV)
4924	50.63 (PK)	V	74(Peak)/ 54(AV)
7368	--	H/V	74(Peak)/ 54(AV)
9848	--	H/V	74(Peak)/ 54(AV)
12310	--	H/V	74(Peak)/ 54(AV)
14772	--	H/V	74(Peak)/ 54(AV)
17234	--	H/V	74(Peak)/ 54(AV)
19696	--	H/V	74(Peak)/ 54(AV)
22158	--	H/V	74(Peak)/ 54(AV)
24620	--	H/V	74(Peak)/ 54(AV)

- Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit  
2. Remark "---" means that the emissions level is too low to be measured  
3. For 802.11b mode at 11Mbps

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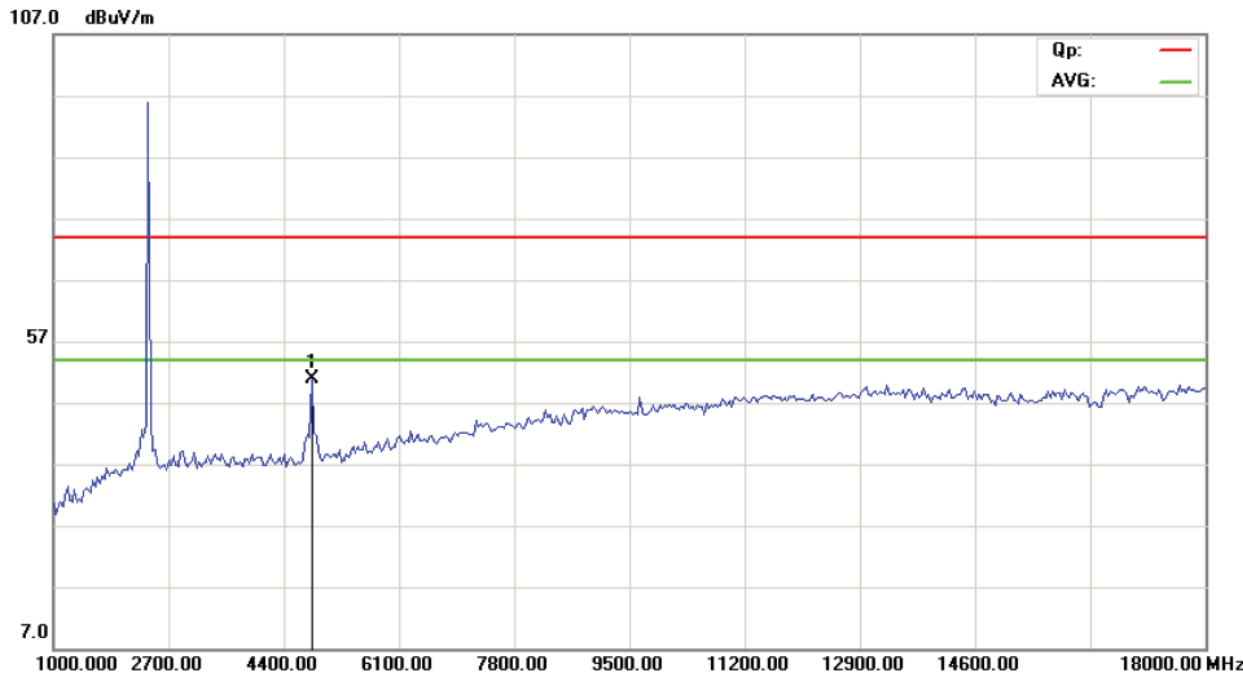
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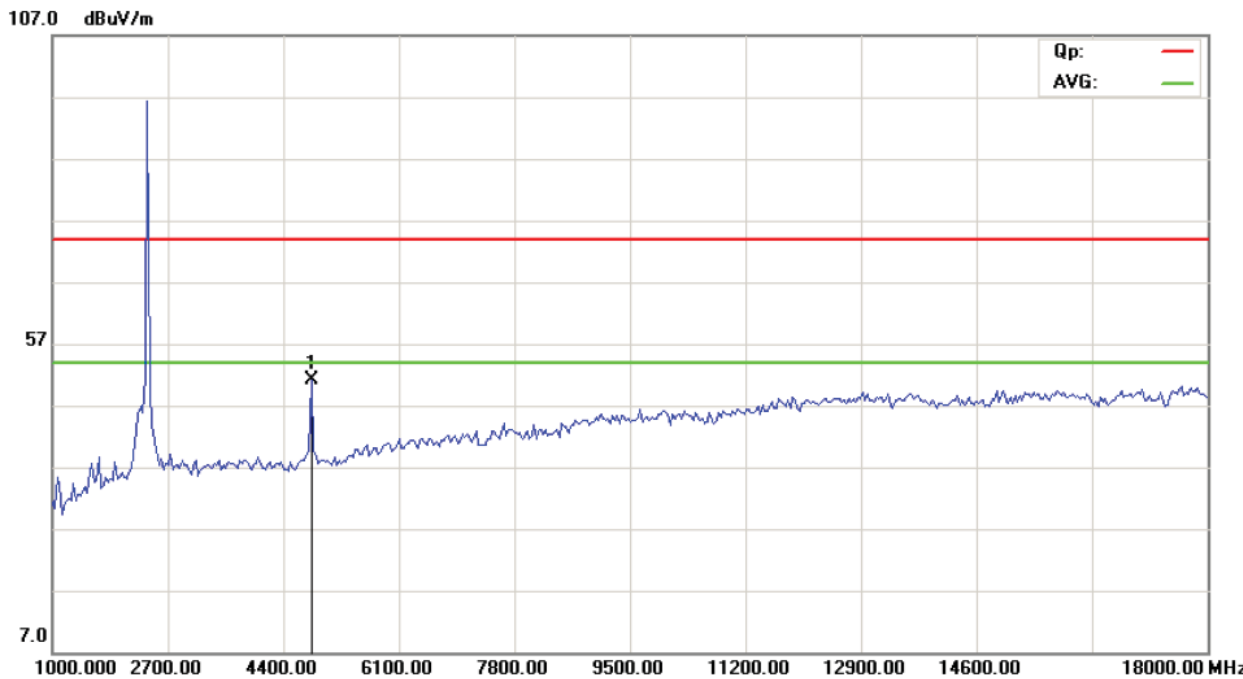


Please refer to the following test plots for details:

**CH01 for 11b at 11Mbps: Horizontal**



**CH01 for 11b at 11Mbps: Vertical**

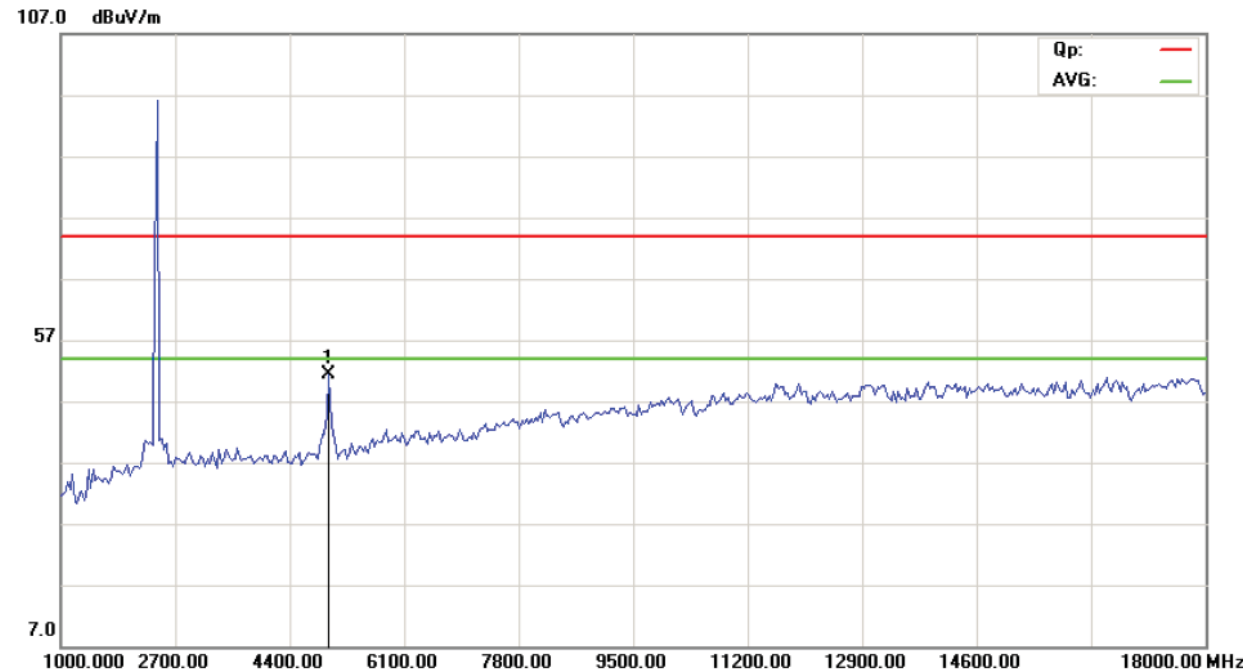


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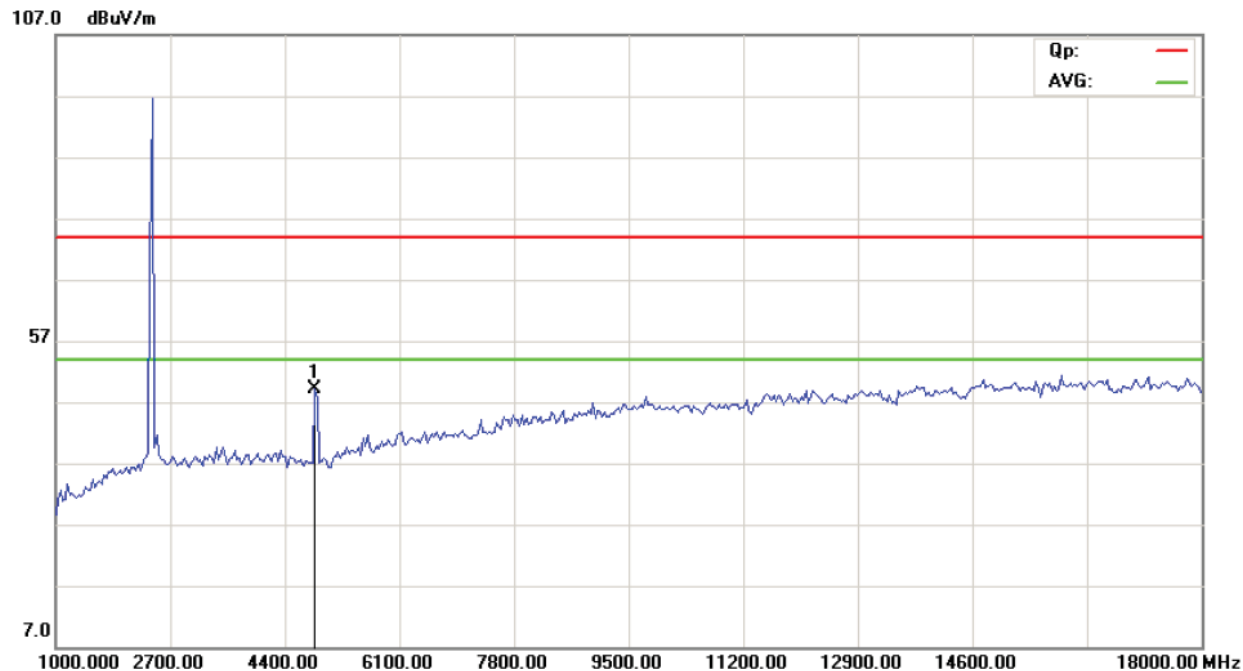




CH06 for 11b at 11Mbps: Vertical



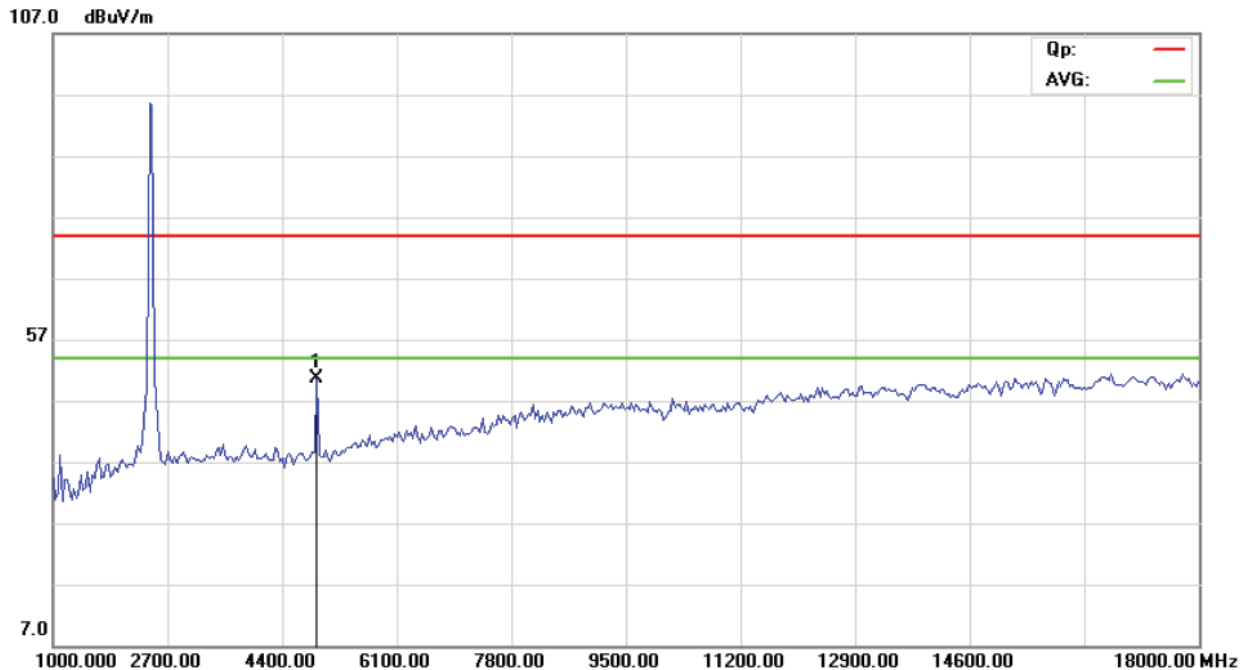
CH06 for 11b at 11Mbps: Horizontal



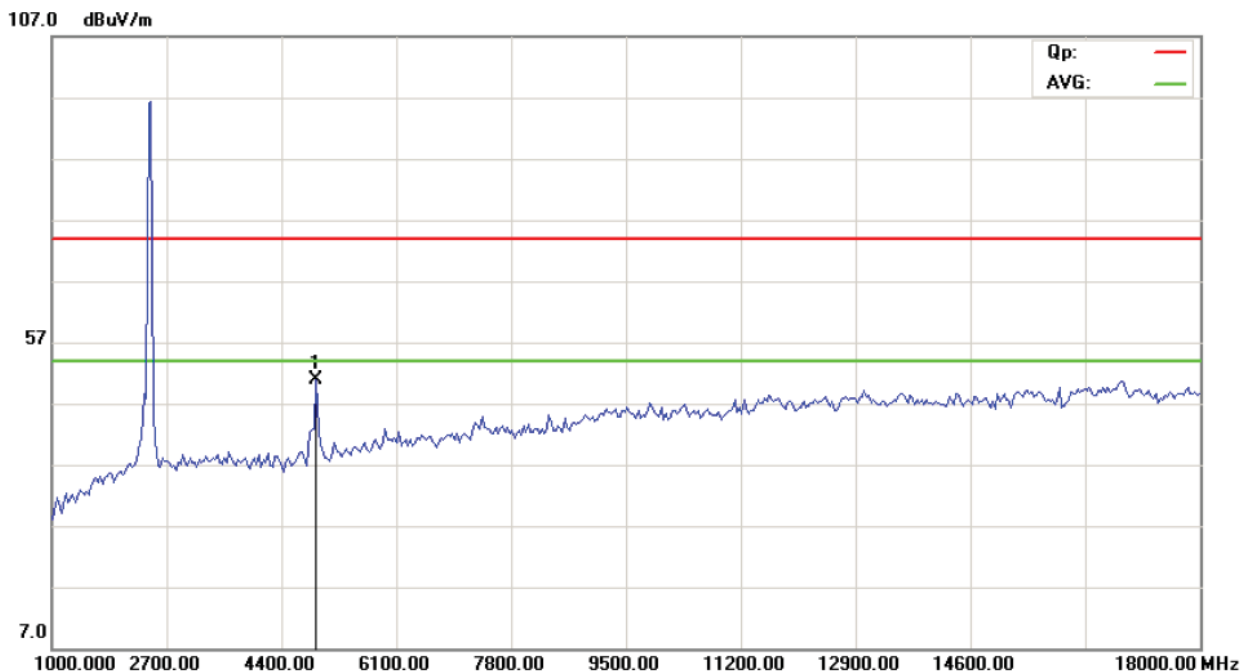
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### CH11 for 11b at 11Mbps: Vertical



### CH11 for 11b at 11Mbps: Horizontal



Note: For radiated Emissions from 18-25GHz, it is only the floor noise.

The report refers only to the sample tested and does not apply to the bulk.

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**Operation Mode: Keeping WIFI Transmitting under CH01 for 11n HT20 at 150Mbps**

Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
4824.00	52.35 (PK)	H	74(Peak)/ 54(AV)
4824.00	52.59 (PK)	V	74(Peak)/ 54(AV)
7236.00	--	H/V	74(Peak)/ 54(AV)
9648.00	--	H/V	74(Peak)/ 54(AV)
12060	--	H/V	74(Peak)/ 54(AV)
14472	--	H/V	74(Peak)/ 54(AV)
16684	--	H/V	74(Peak)/ 54(AV)
19296	--	H/V	74(Peak)/ 54(AV)
21708	--	H/V	74(Peak)/ 54(AV)
24120	--	H/V	74(Peak)/ 54(AV)

- Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit  
2. Remark "---" means that the emissions level is too low to be measured  
3. For 802.11n (HT20) mode 150Mbps

**Operation Mode: Keeping WIFI Transmitting under CH06 for 11n HT20 at 150Mbps**

Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
4874.00	51.54 (PK)	H	74(Peak)/ 54(AV)
4874.00	52.38 (PK)	V	74(Peak)/ 54(AV)
7311.00	--	H/V	74(Peak)/ 54(AV)
9748.00	--	H/V	74(Peak)/ 54(AV)
12185	--	H/V	74(Peak)/ 54(AV)
14622	--	H/V	74(Peak)/ 54(AV)
17059	--	H/V	74(Peak)/ 54(AV)
19496	--	H/V	74(Peak)/ 54(AV)
21933	--	H/V	74(Peak)/ 54(AV)
24370	--	H/V	74(Peak)/ 54(AV)

- Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit  
2. Remark "---" means that the emissions level is too low to be measured  
3. For 802.11n (HT20) mode 150Mbps

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**Operation Mode: Keeping WIFI Transmitting under CH11 for 11n HT20 at 150Mbps**

Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
4924	52.19 (PK)	H	74(Peak)/ 54(AV)
4924	52.14 (PK)	V	74(Peak)/ 54(AV)
7368	--	H/V	74(Peak)/ 54(AV)
9848	--	H/V	74(Peak)/ 54(AV)
12310	--	H/V	74(Peak)/ 54(AV)
14772	--	H/V	74(Peak)/ 54(AV)
17234	--	H/V	74(Peak)/ 54(AV)
19696	--	H/V	74(Peak)/ 54(AV)
22158	--	H/V	74(Peak)/ 54(AV)
24620	--	H/V	74(Peak)/ 54(AV)

- Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit  
 2. Remark "---" means that the emissions level is too low to be measured  
 3. For 802.11n (HT20) mode 150Mbps

The report refers only to the sample tested and does not apply to the bulk.

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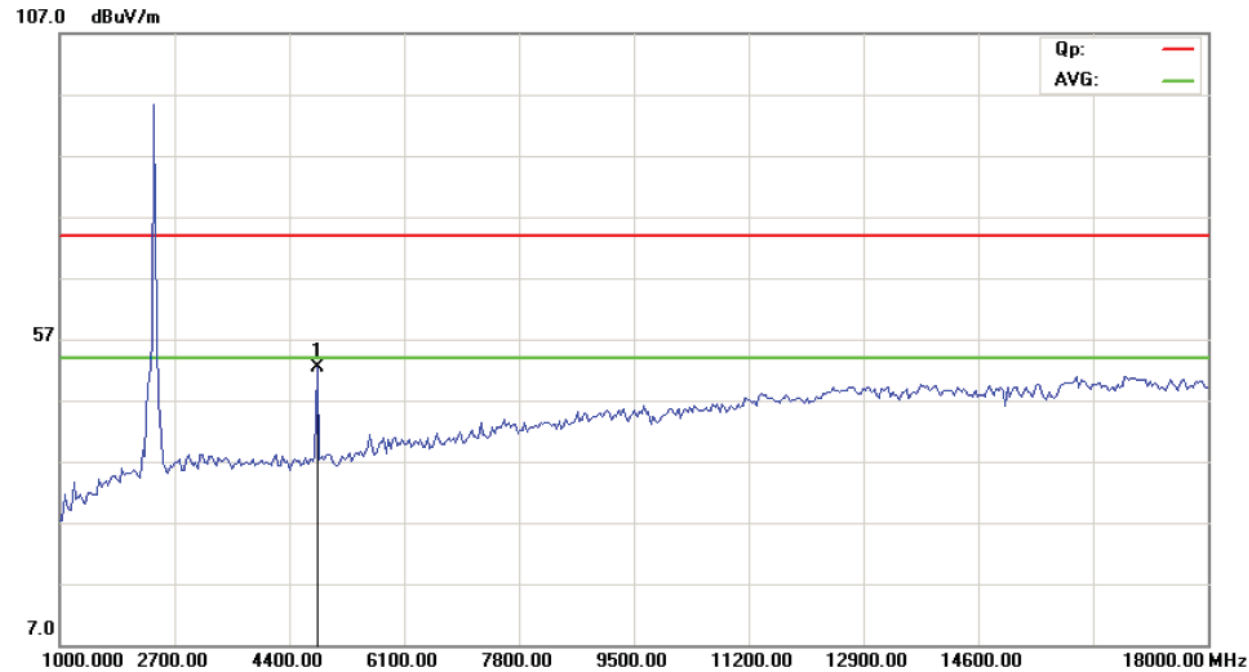
In the event of the improper use of the report. The SHENZHEN TIMEWAY TESTING LABORATORIES, reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.



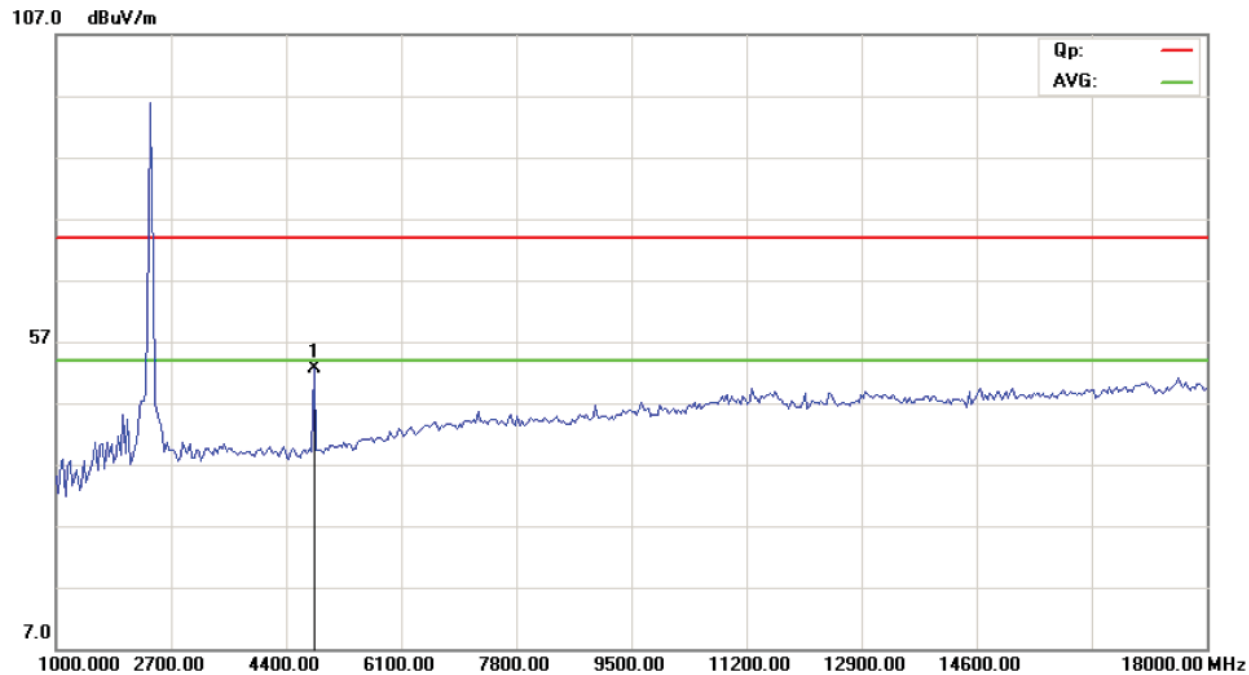


Please refer to the following test plots for details:

**CH01 for 11n HT20 at 150Mbps: Horizontal**



**CH01 for 11n HT20 at 150Mbps: Vertical**

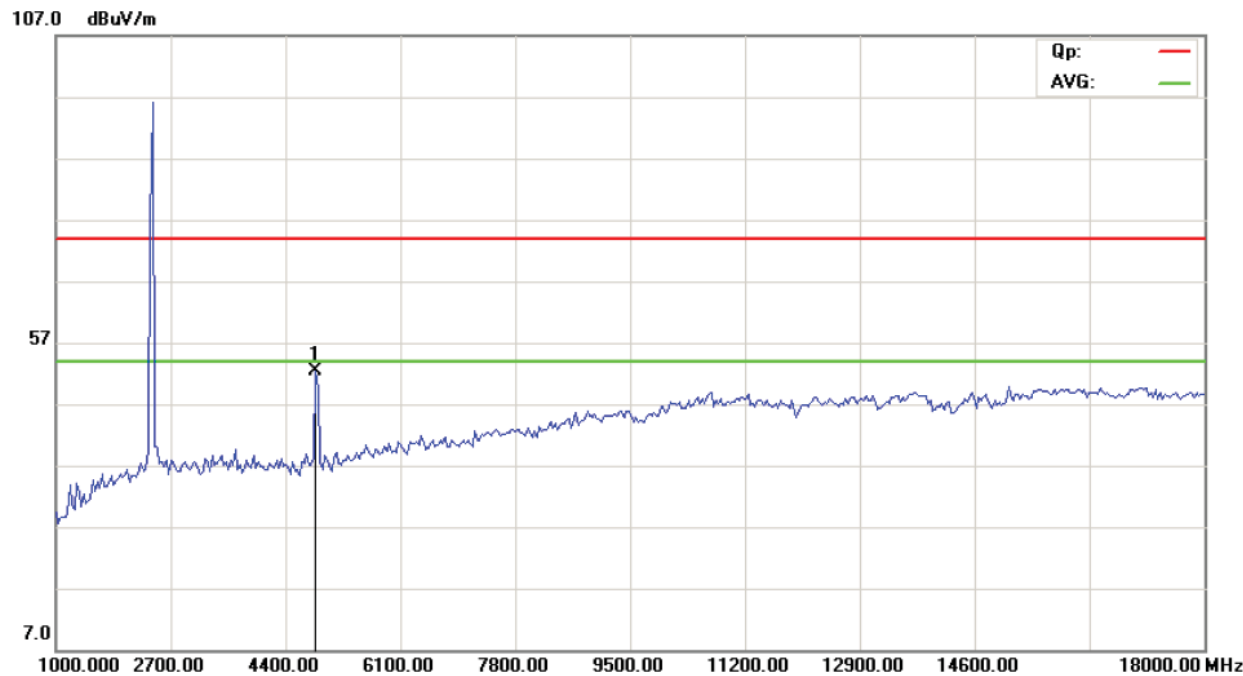


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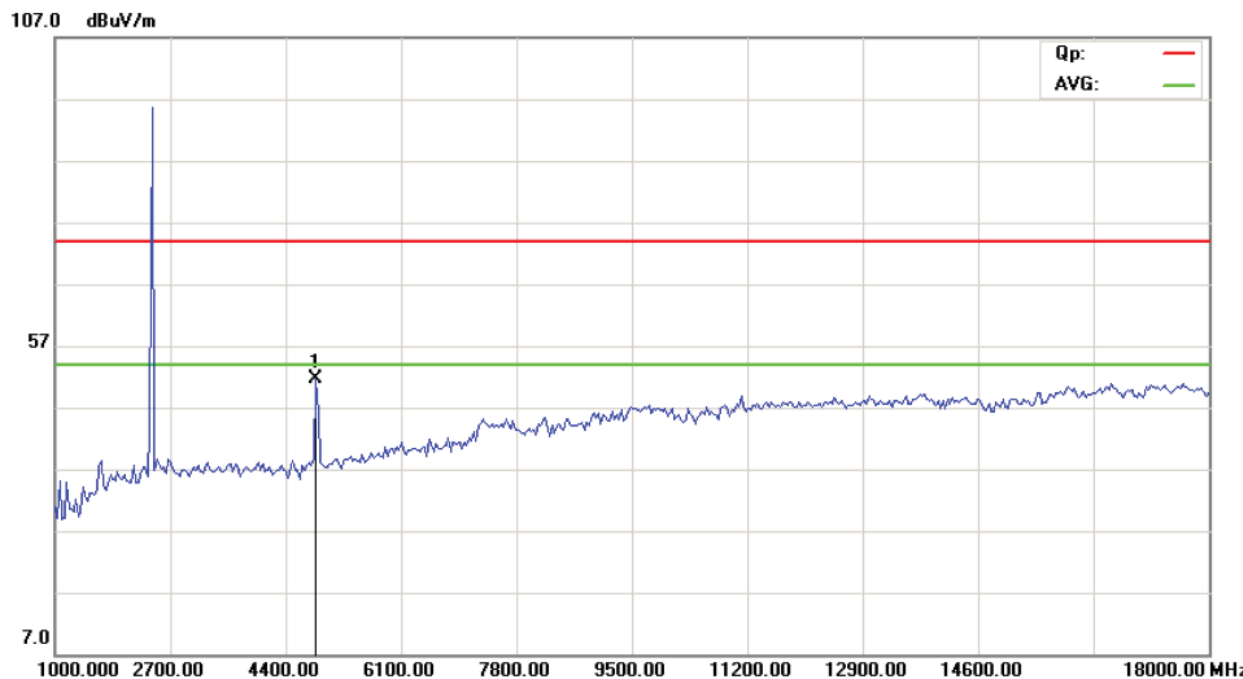




CH06 for 11n HT20 at 150Mbps: Vertical



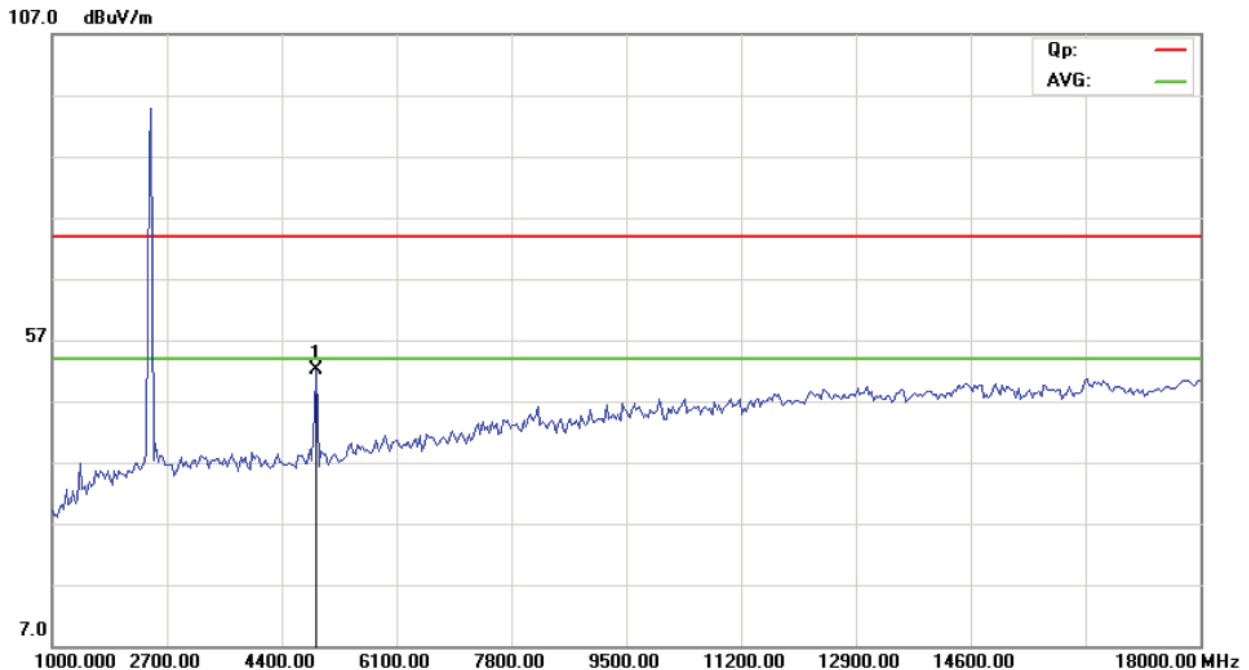
CH06 for 11n HT20 at 150Mbps: Horizontal



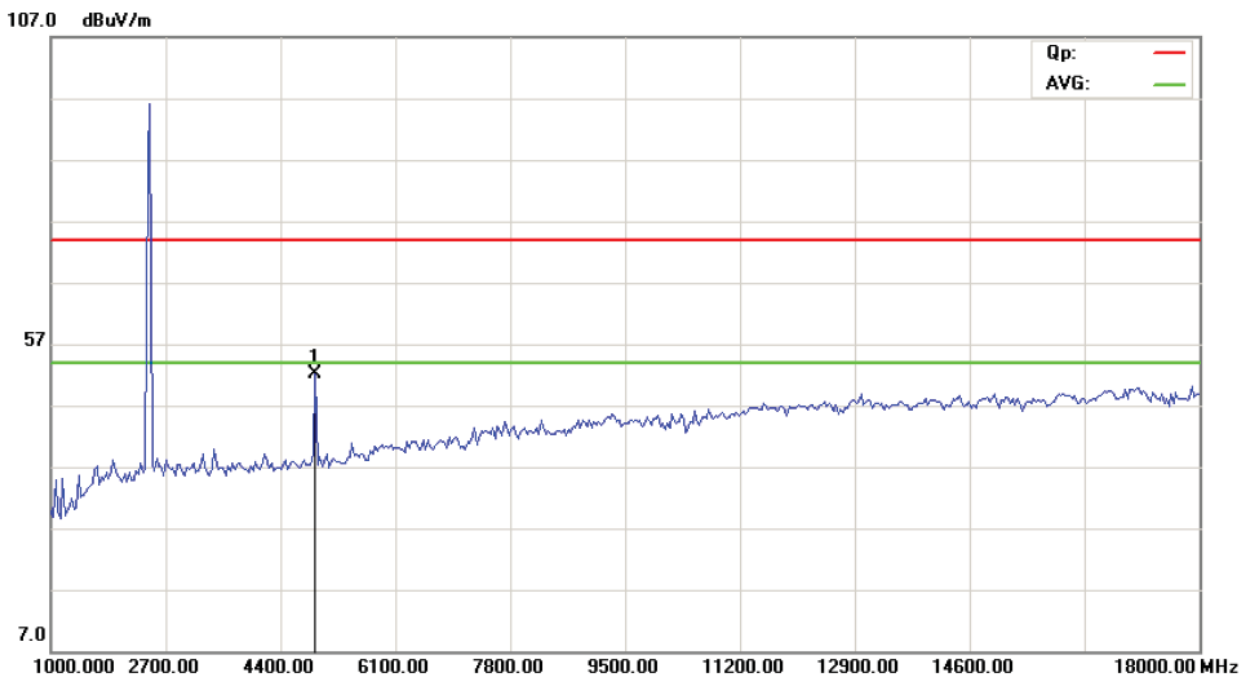
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**CH11 for 11n HT20 at 150Mbps: Vertical**



**CH11 for 11n HT20 at 150Mbps: Horizontal**



Note: For radiated Emissions from 18-25GHz, it is only the floor noise.

The report refers only to the sample tested and does not apply to the bulk.

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**Operation Mode: Transmitting under CH01 for 11n HT40 at 150Mbps**

Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
4844.00	51.51 (PK)	H	74(Peak)/ 54(AV)
4844.00	52.27 (PK)	V	74(Peak)/ 54(AV)
7266.00	--	H/V	74(Peak)/ 54(AV)
9688.00	--	H/V	74(Peak)/ 54(AV)
12110	--	H/V	74(Peak)/ 54(AV)
14532	--	H/V	74(Peak)/ 54(AV)
16954	--	H/V	74(Peak)/ 54(AV)
19376	--	H/V	74(Peak)/ 54(AV)
21798	--	H/V	74(Peak)/ 54(AV)
24220	--	H/V	74(Peak)/ 54(AV)

- Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit  
2. Remark "---" means that the emissions level is too low to be measured  
3. For 802.11n (HT40) mode 150Mbps

**Operation Mode: Transmitting under CH04 for 11n HT40 at 150Mbps**

Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
4874.00	51.68 (PK)	H	74(Peak)/ 54(AV)
4874.00	52.53 (PK)	V	74(Peak)/ 54(AV)
7311.00	--	H/V	74(Peak)/ 54(AV)
9748.00	--	H/V	74(Peak)/ 54(AV)
12185	--	H/V	74(Peak)/ 54(AV)
14622	--	H/V	74(Peak)/ 54(AV)
17059	--	H/V	74(Peak)/ 54(AV)
19496	--	H/V	74(Peak)/ 54(AV)
21933	--	H/V	74(Peak)/ 54(AV)
24370	--	H/V	74(Peak)/ 54(AV)

- Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit  
2. Remark "---" means that the emissions level is too low to be measured  
3. For 802.11n (HT40) mode 150Mbps

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**Operation Mode: Transmitting under CH07 for 11n HT40 at 150Mbps**

Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
4904	52.23 (PK)	H	74(Peak)/ 54(AV)
4904	50.08 (PK)	V	74(Peak)/ 54(AV)
7356	--	H/V	74(Peak)/ 54(AV)
9808	--	H/V	74(Peak)/ 54(AV)
12260	--	H/V	74(Peak)/ 54(AV)
14712	--	H/V	74(Peak)/ 54(AV)
17164	--	H/V	74(Peak)/ 54(AV)
19616	--	H/V	74(Peak)/ 54(AV)
22068	--	H/V	74(Peak)/ 54(AV)
24520	--	H/V	74(Peak)/ 54(AV)

- Note: 1. Level = Reading + AF + Cable - Preamp + Filter - Dist, Margin = Level - Limit  
 2. Remark "---" means that the emissions level is too low to be measured  
 3. For 802.11n (HT40) mode 150Mbps

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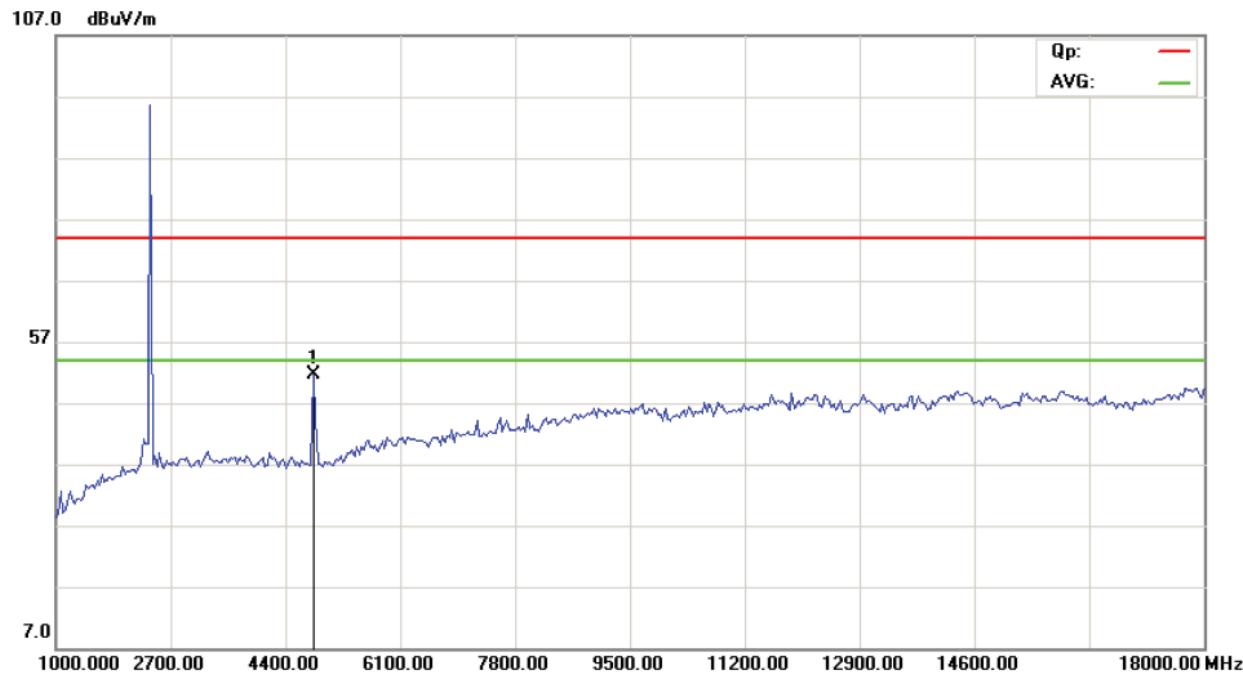
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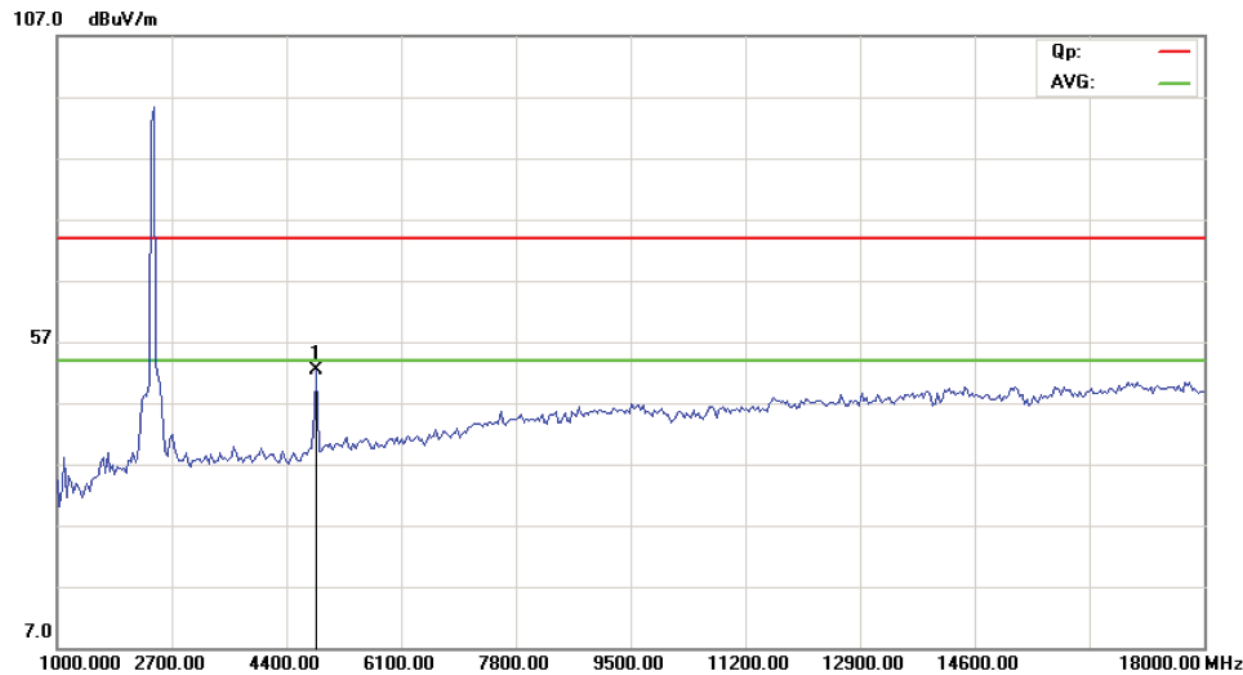


Please refer to the following test plots for details:

**CH01 for 11n HT40 at 150Mbps: Horizontal**



**CH01 for 11n HT40 at 150Mbps: Vertical**

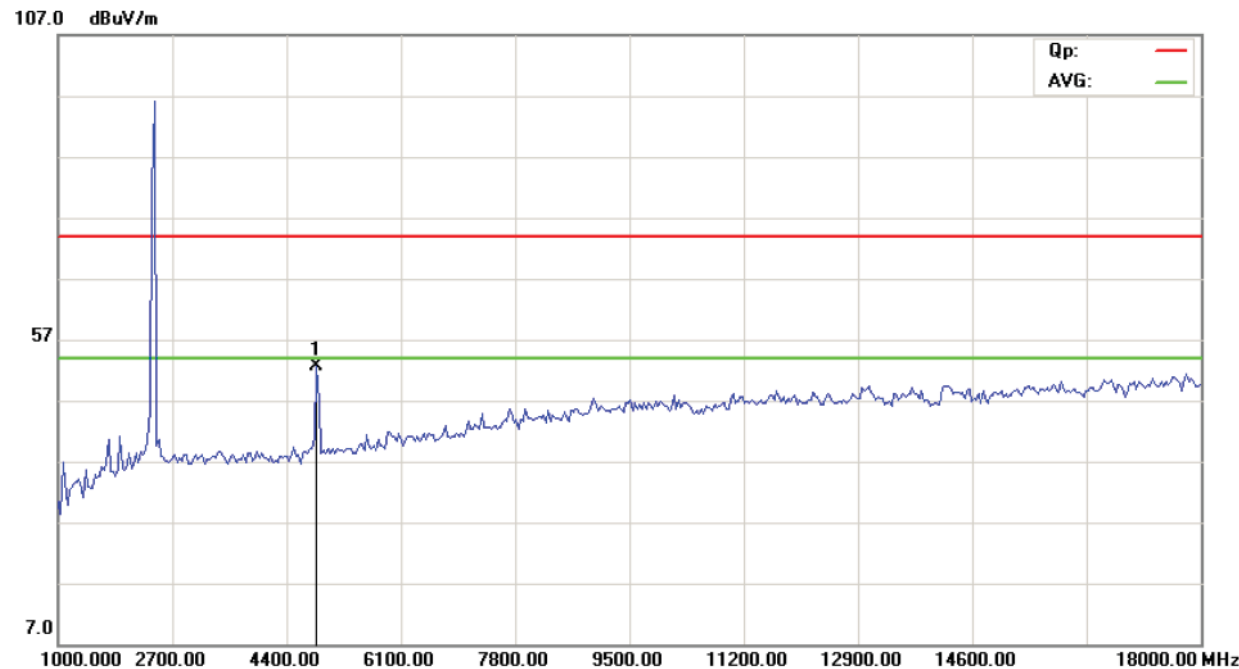


The report refers only to the sample tested and does not apply to the bulk.  
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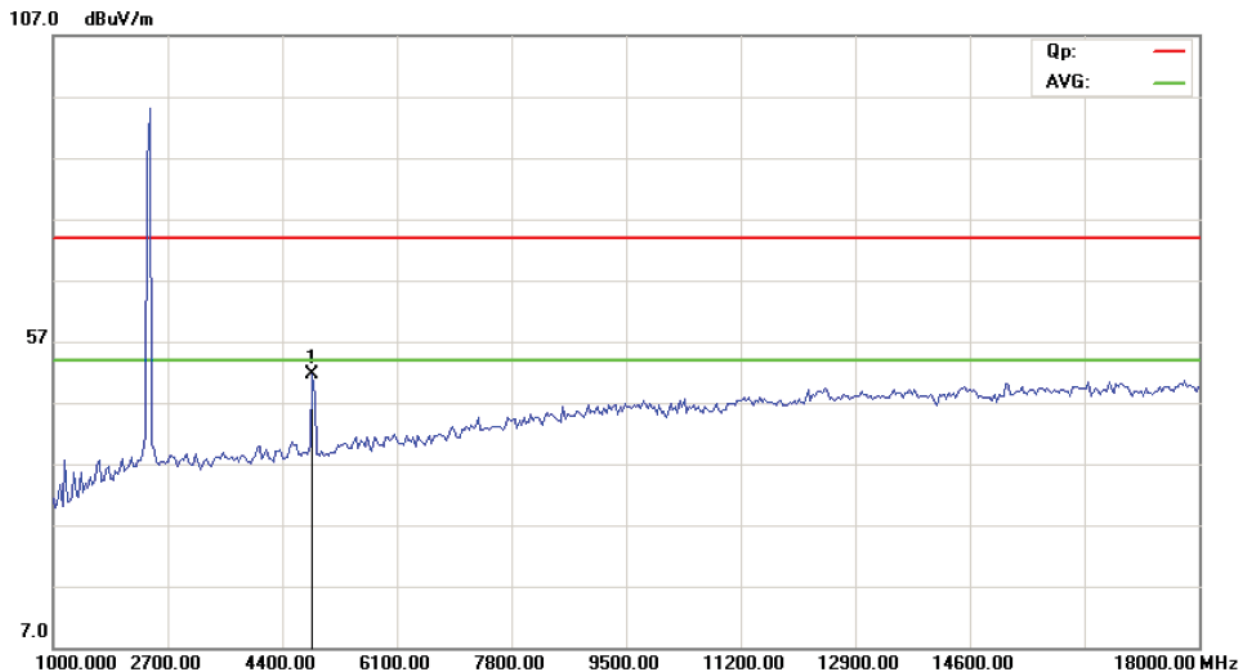




CH04 for 11n HT40 at 150Mbps: Vertical



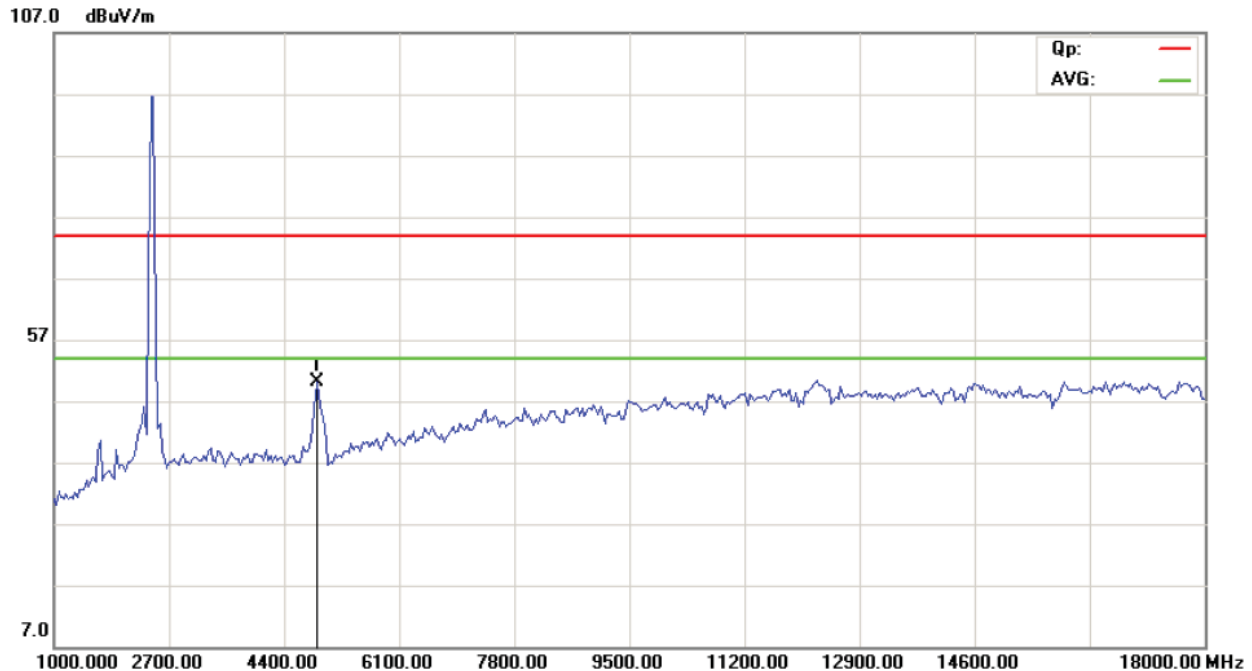
CH04 for 11n HT40 at 150Mbps: Horizontal



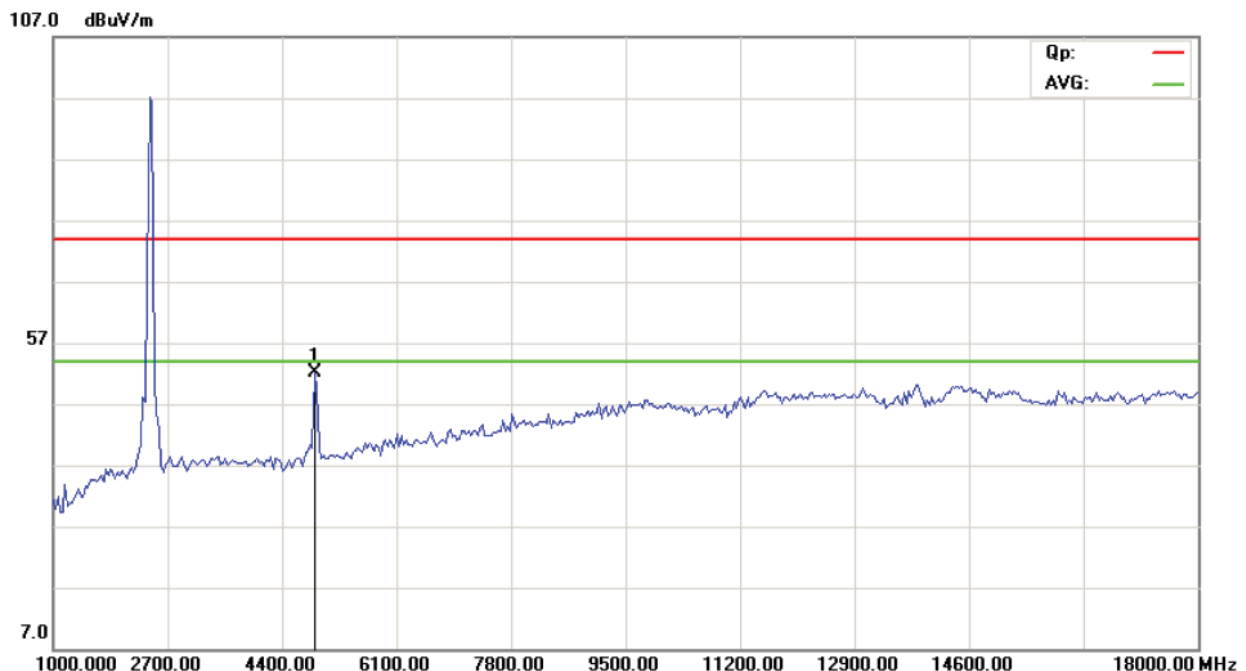
The report refers only to the sample tested and does not apply to the bulk.  
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**CH07 for 11n HT40 at 150Mbps: Vertical**



**CH07 for 11n HT40 at 150Mbps: Horizontal**



Note: For radiated Emissions from 18-25GHz, it is only the floor noise.

The report refers only to the sample tested and does not apply to the bulk.

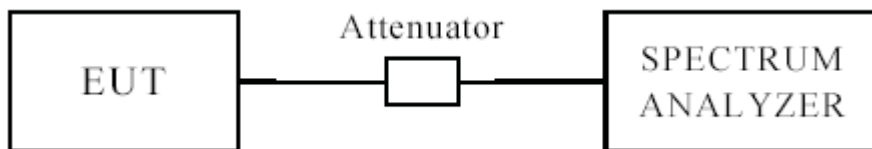
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## 7.0 6dB Bandwidth Measurement

### 7.1 Test Setup



### 7.2 Limits of 6dB Bandwidth Measurement

The minimum of 6dB Bandwidth Measurement is >500 kHz

### 7.3 Test Procedure

1. Set resolution bandwidth (RBW) = 100 kHz
2. Set the video bandwidth (VBW)  $\geq 3 \times$  RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

### 7.4 Test Result

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### 6dB Occupied Bandwidth

EUT	Tablet PC	Model	MiTraveler 708		
Mode	802.11b	Input Voltage	AC120V		
Temperature	24 deg. C,	Humidity	56% RH		
Channel	Channel Frequency (MHz)	Data Transfer Rate (Mbps)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass/ Fail
1	2412	1	10.04	0.5	Pass
6	2437	1	10.04	0.5	Pass
11	2462	1	10.04	0.5	Pass
1	2412	11	9.32	0.5	Pass
6	2437	11	9.32	0.5	Pass
11	2462	11	9.32	0.5	Pass

The report refers only to the sample tested and does not apply to the bulk.

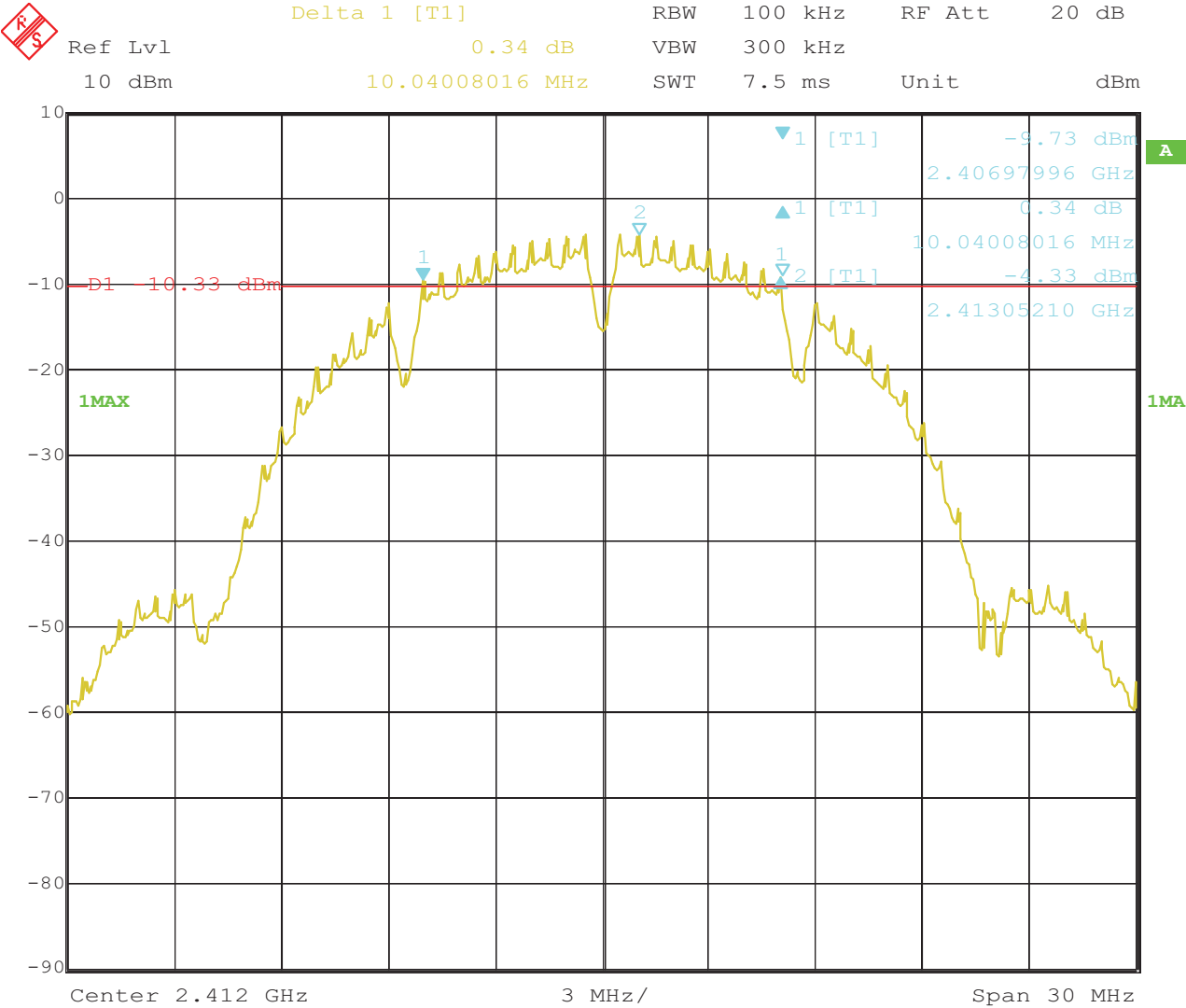
This report is issued in confidence to the client and it will be strictly treated as such by the SHENZHEN TIMEWAY TESTING LABORATORIES. It may not be reproduced rather in its entirety or in part and it may not be used for advertising. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the SHENZHEN TIMEWAY TESTING LABORATORIES. to his customer. Supplier or others persons directly concerned. SHENZHEN TIMEWAY TESTING LABORATORIES. will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

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1. 802.11b at 1Mbps of CH01



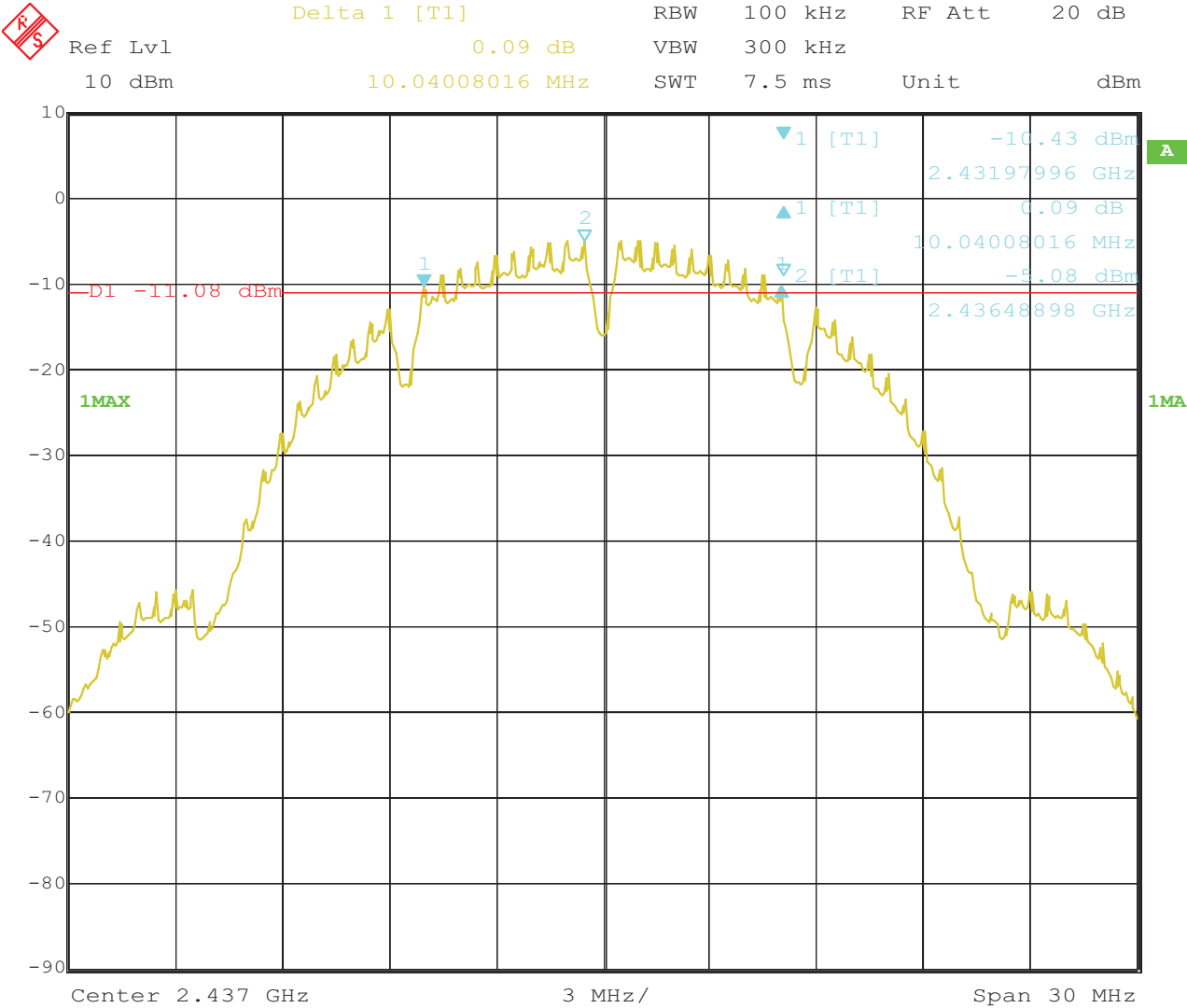
Date: 11.APR.2015 11:23:21

The report refers only to the sample tested and does not apply to the bulk.  
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2. 802.11b at 1Mbps of CH06



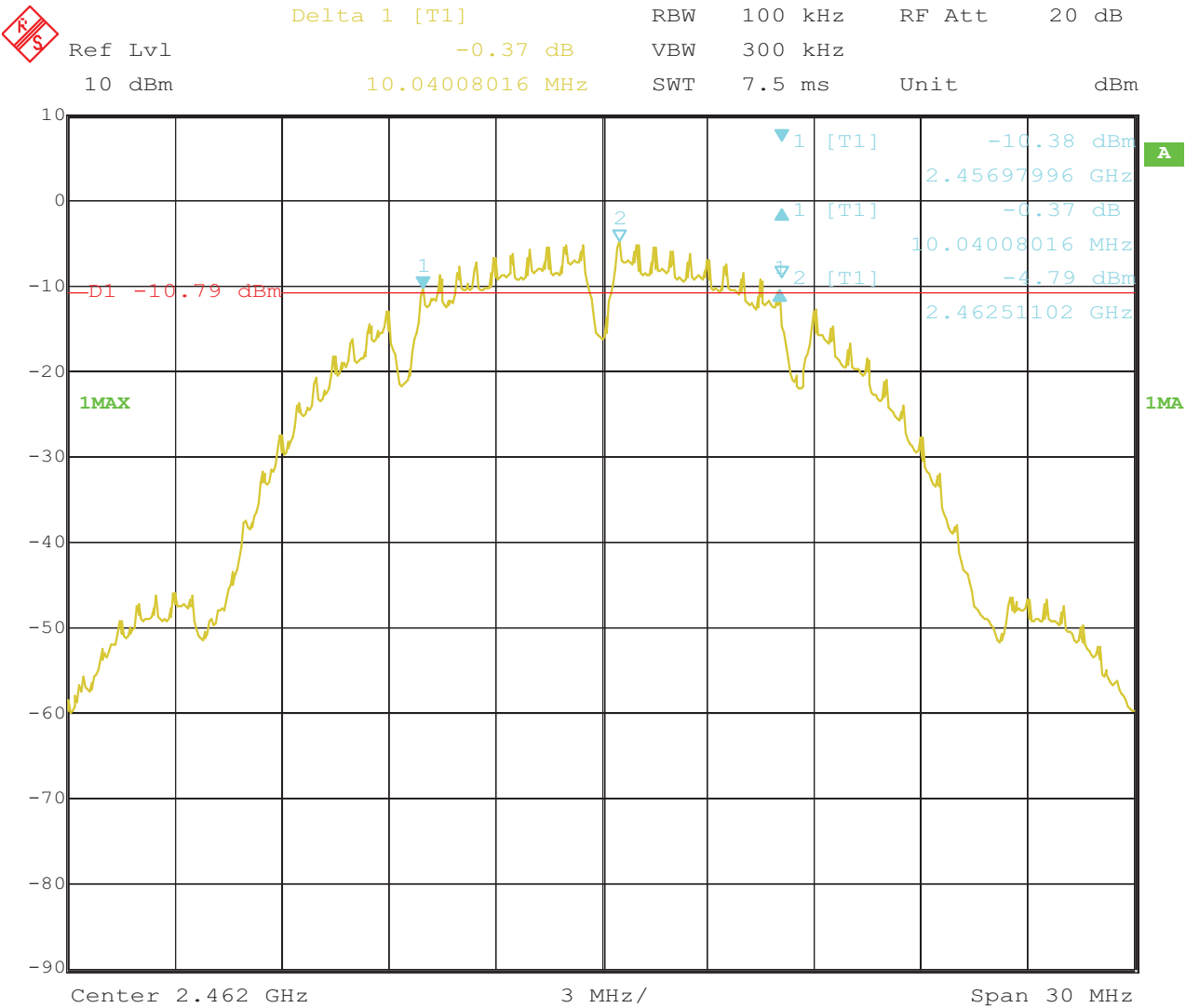
Date: 11.APR.2015 11:47:02

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3. 802.11b at 1Mbps of CH11



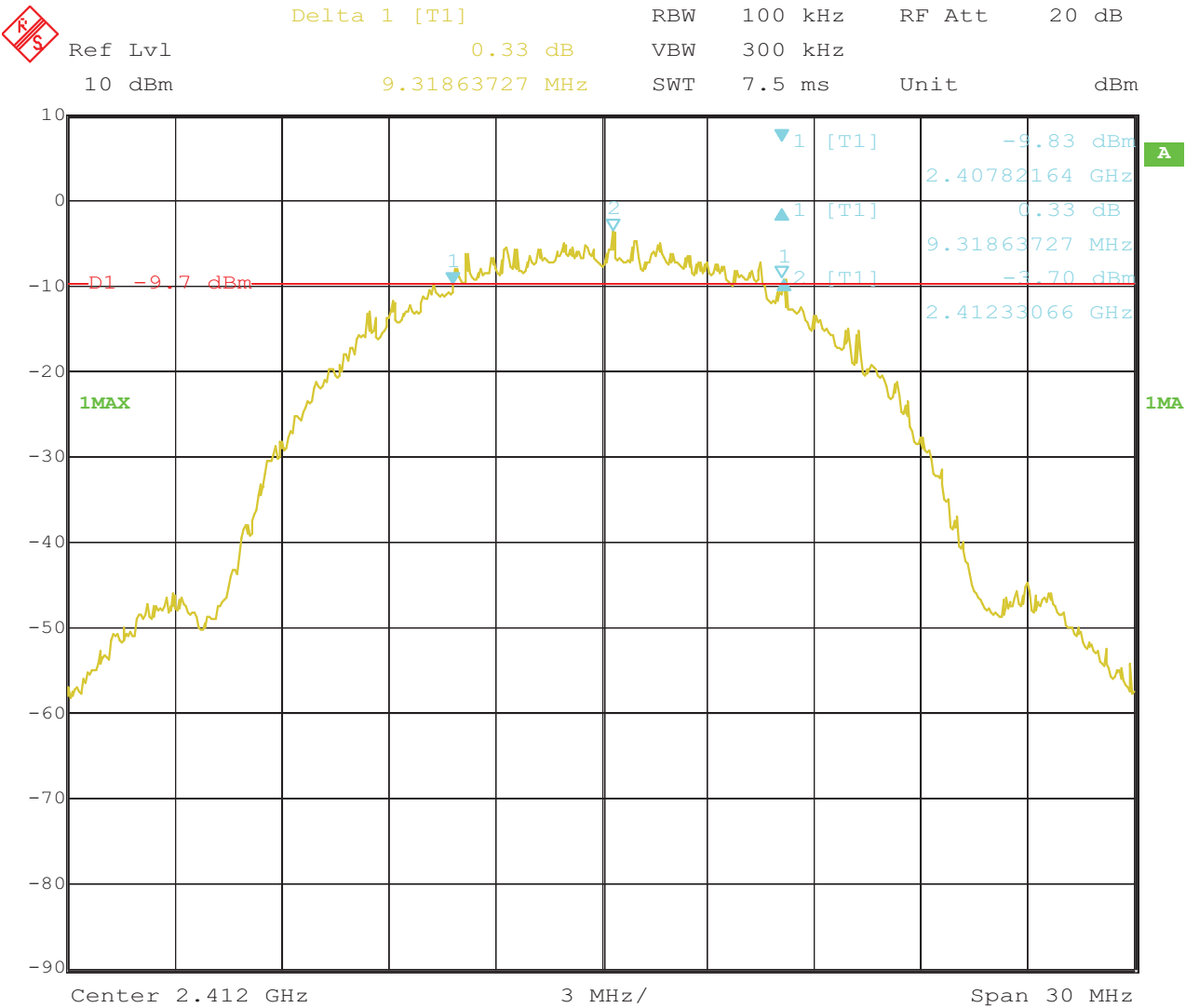
Date: 11.APR.2015 11:50:30

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4. 802.11b at 11Mbps of CH01



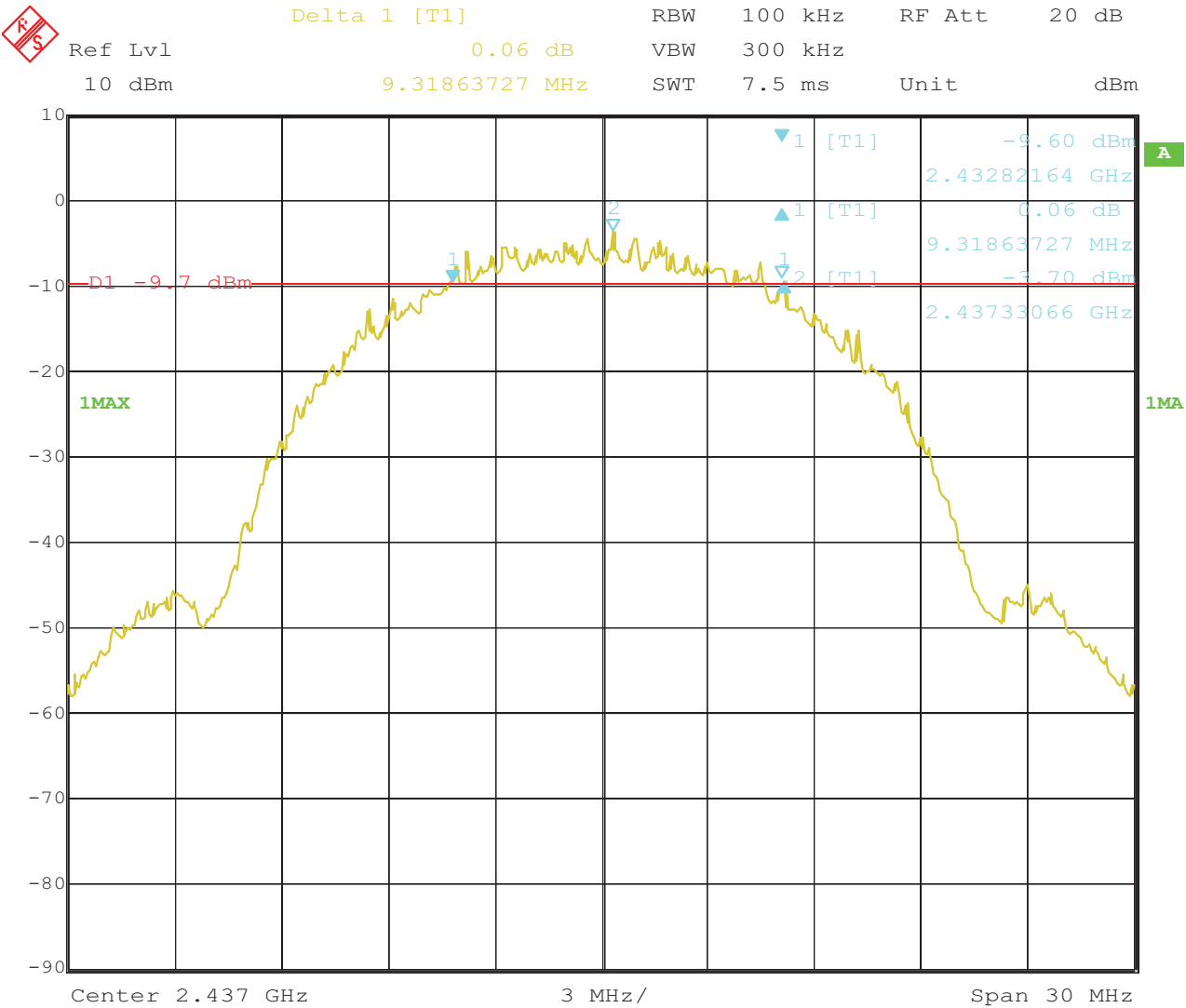
Date: 11.APR.2015 11:34:44

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5. 802.11b at 11Mbps of CH06



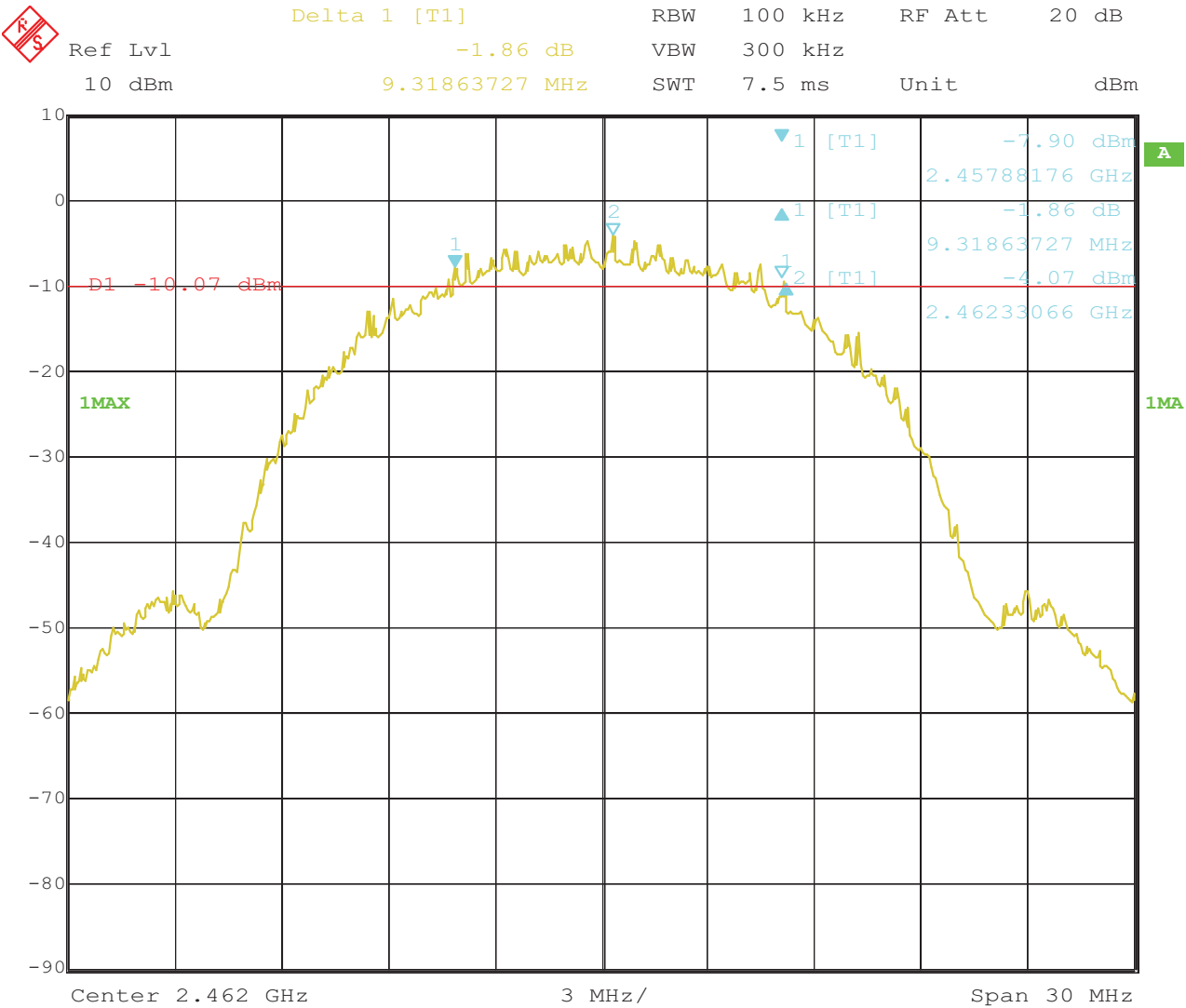
Date: 11.APR.2015 11:41:16

The report refers only to the sample tested and does not apply to the bulk.  
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6. 802.11b at 11Mbps of CH11



Date: 11.APR.2015 11:57:43

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### 6dB Occupied Bandwidth

EUT	Tablet PC	Model	MiTraveler 708		
Mode	802.11g	Input Voltage	AC120V		
Temperature	24 deg. C,	Humidity	56% RH		
Channel	Channel Frequency (MHz)	Data Transfer Rate (Mbps)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass/ Fail
1	2412	6	16.41	0.5	Pass
6	2437	6	16.41	0.5	Pass
11	2462	6	16.41	0.5	Pass

The report refers only to the sample tested and does not apply to the bulk.

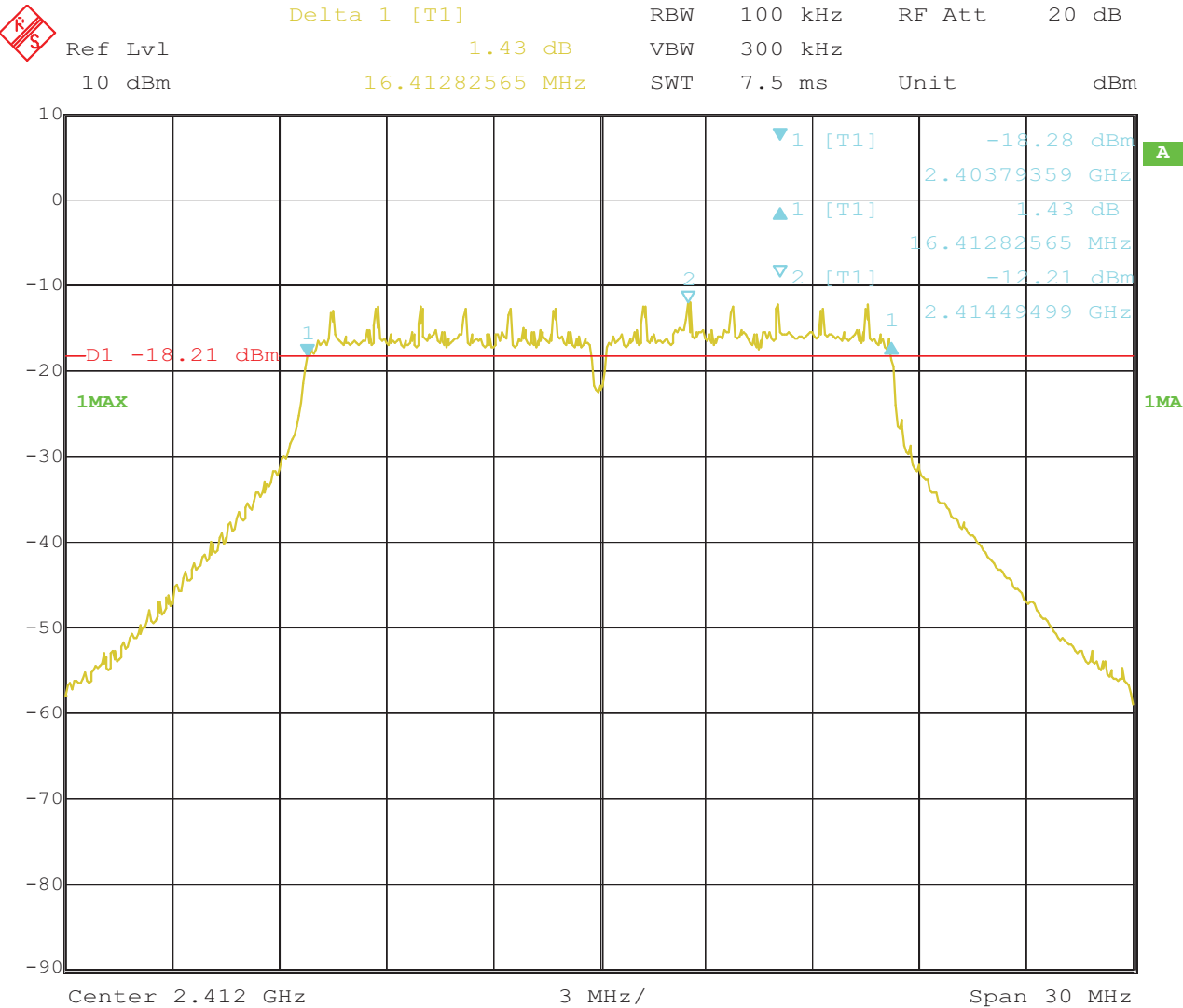
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Test Plots:  
1. 802.11g at 6Mbps of CH01



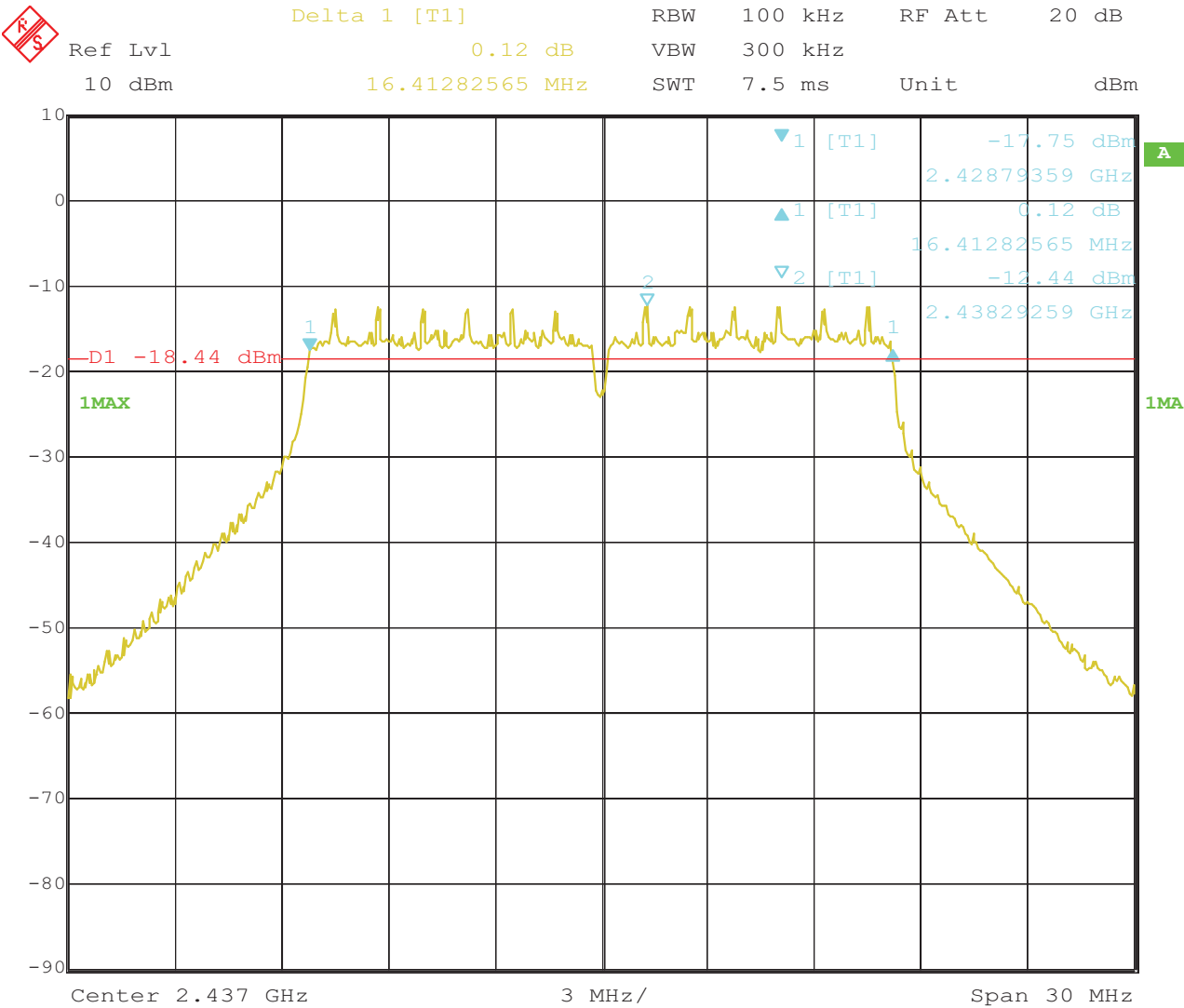
Date: 11.APR.2015 11:29:33

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2. 802.11g at 6Mbps of CH06



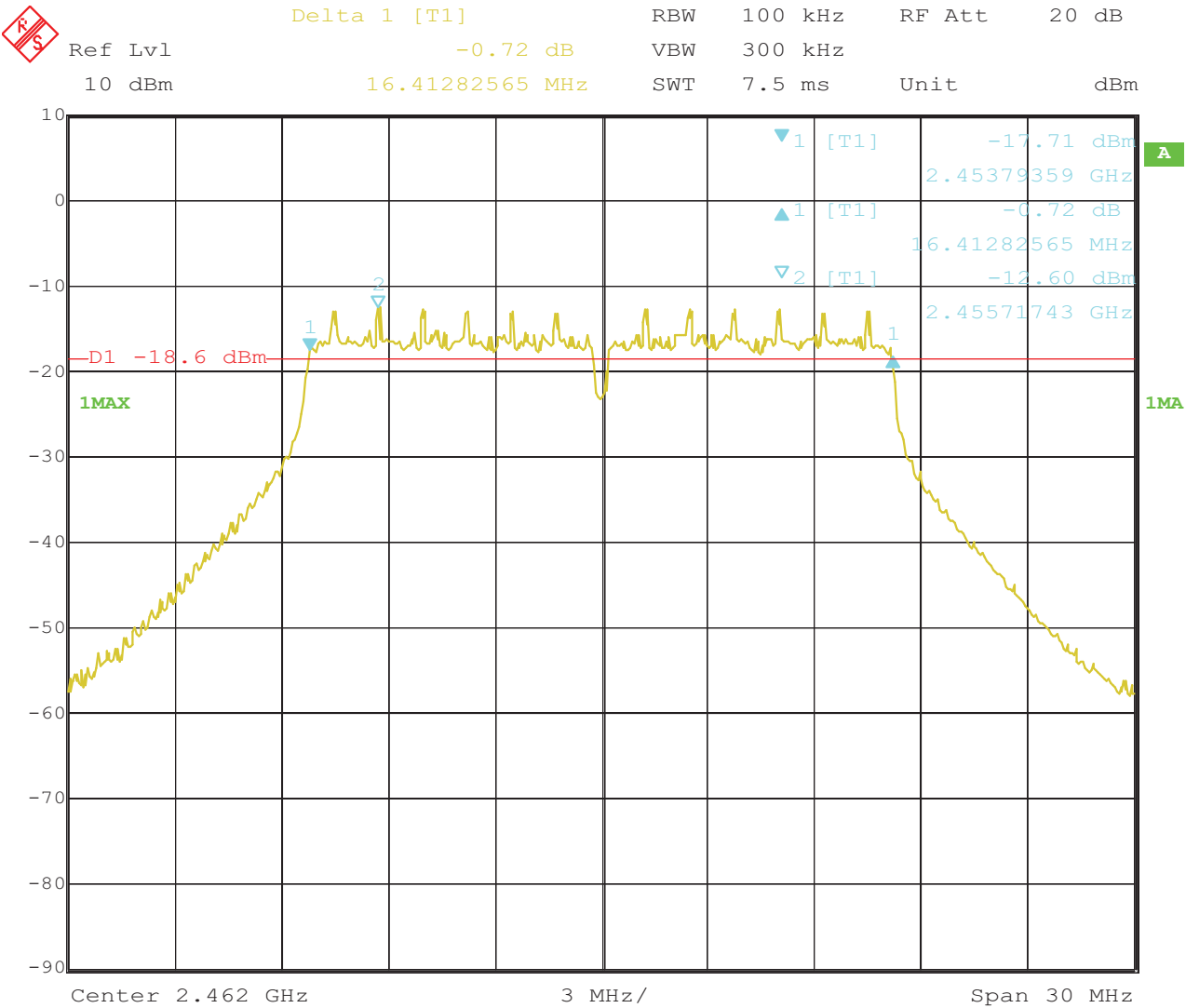
Date: 11.APR.2015 11:43:40

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3. 802.11g at 6Mbps of CH11



Date: 11.APR.2015 11:54:27

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### 6dB Occupied Bandwidth

EUT	Tablet PC	Model	MiTraveler 708		
Mode	802.11n HT20	Input Voltage	AC120V		
Temperature	24 deg. C,	Humidity	56% RH		
Channel	Channel Frequency (MHz)	Data Transfer Rate (Mbps)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass/ Fail
1	2412	150	17.56	0.5	Pass
6	2437	150	17.56	0.5	Pass
11	2462	150	17.56	0.5	Pass

The report refers only to the sample tested and does not apply to the bulk.

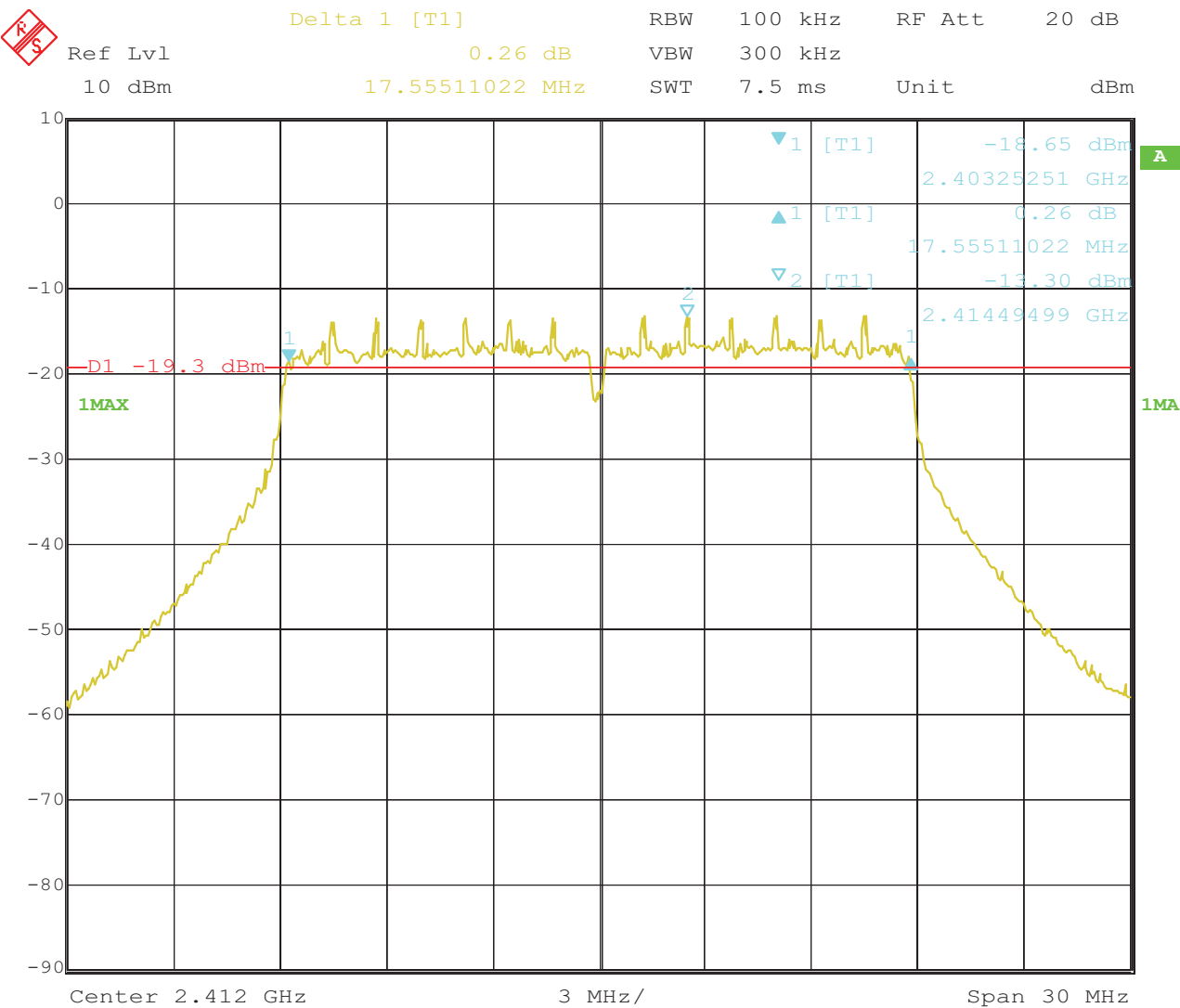
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Test Plots:  
1. 802.11n at HT20 of CH01



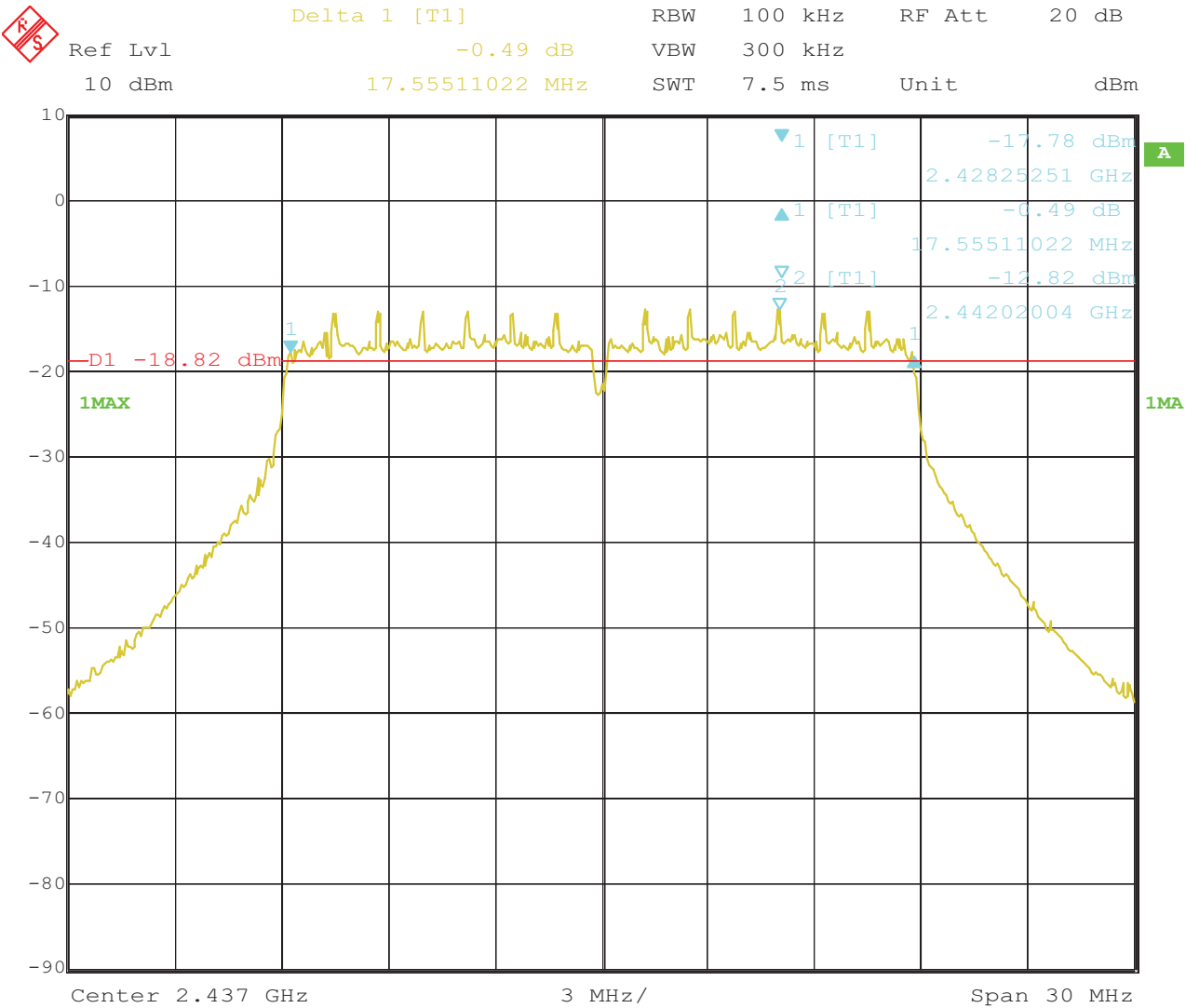
Date: 11.APR.2015 12:07:04

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2. 802.11n at HT20 of CH06



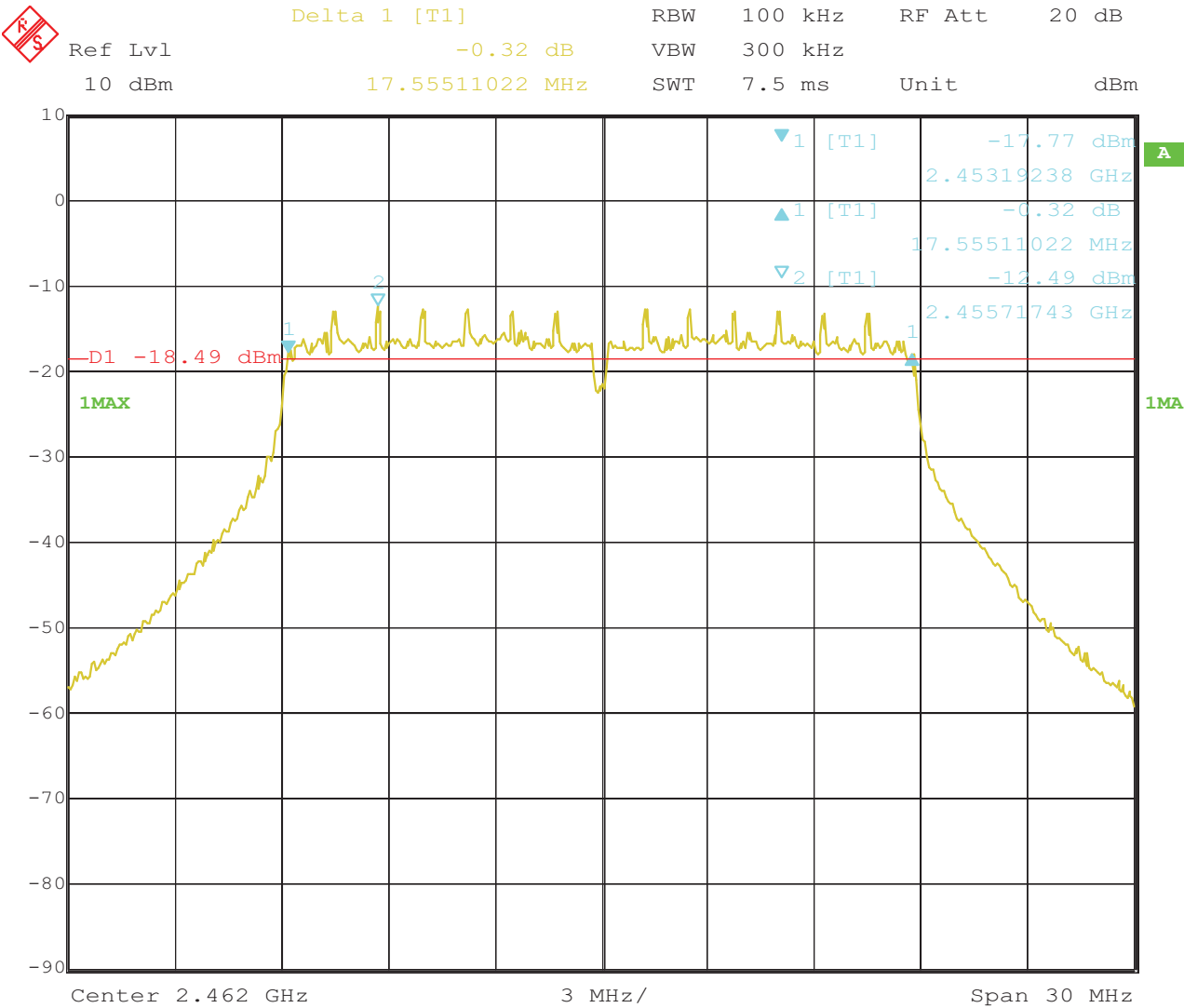
Date: 11.APR.2015 12:04:58

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3. 802.11n at HT20 of CH11



Date: 11.APR.2015 12:03:33

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### 6dB Occupied Bandwidth

EUT	Tablet PC	Model	MiTraveler 708		
Mode	802.11n HT40	Input Voltage	AC120V		
Temperature	24 deg. C,	Humidity	56% RH		
Channel	Channel Frequency (MHz)	Data Transfer Rate (Mbps)	6 dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass/ Fail
1	2422	150	35.39	0.5	Pass
4	2437	150	35.36	0.5	Pass
7	2452	150	35.39	0.5	Pass

The report refers only to the sample tested and does not apply to the bulk.

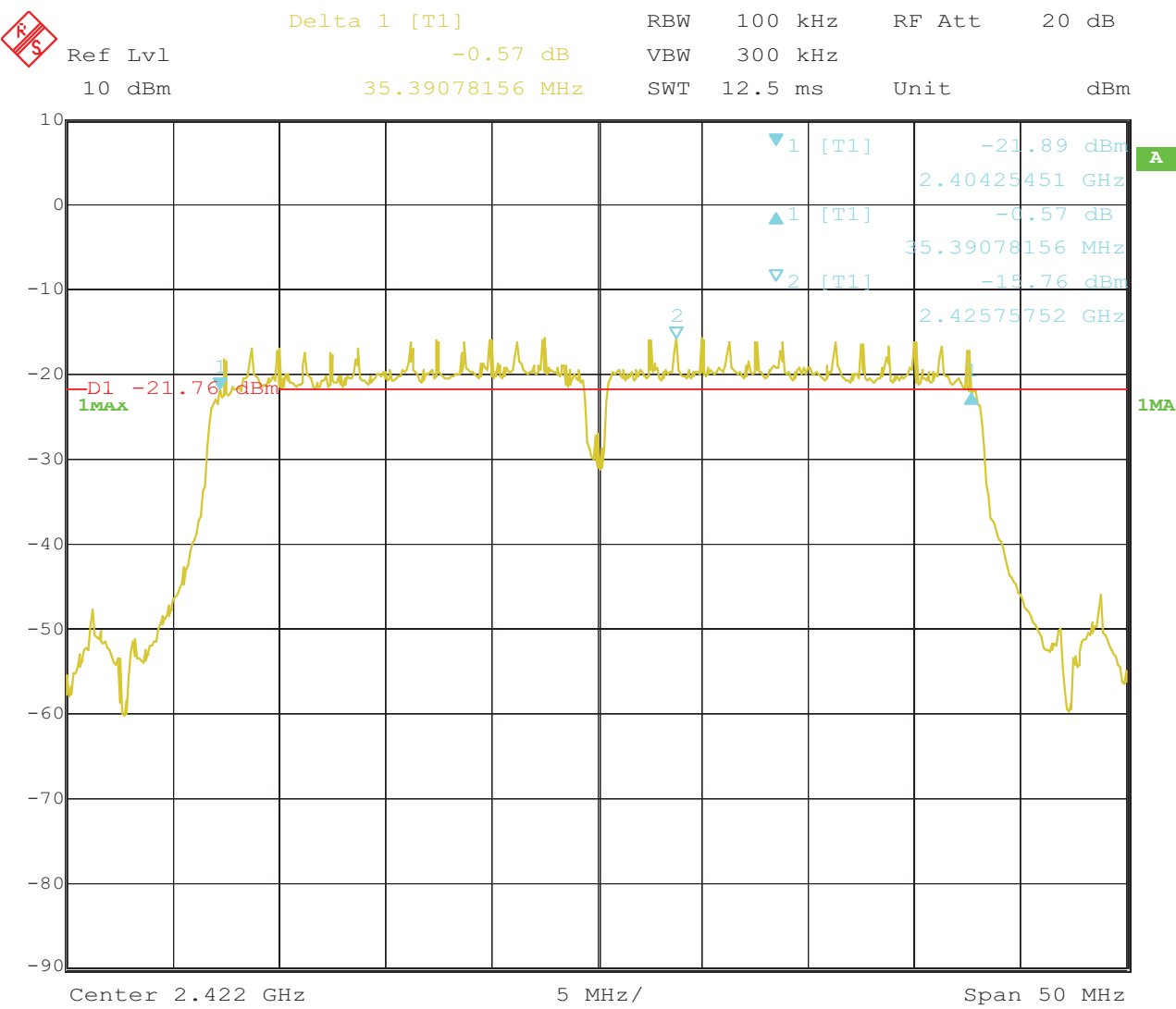
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Test Plots:  
1. 802.11n at HT40 of CH01



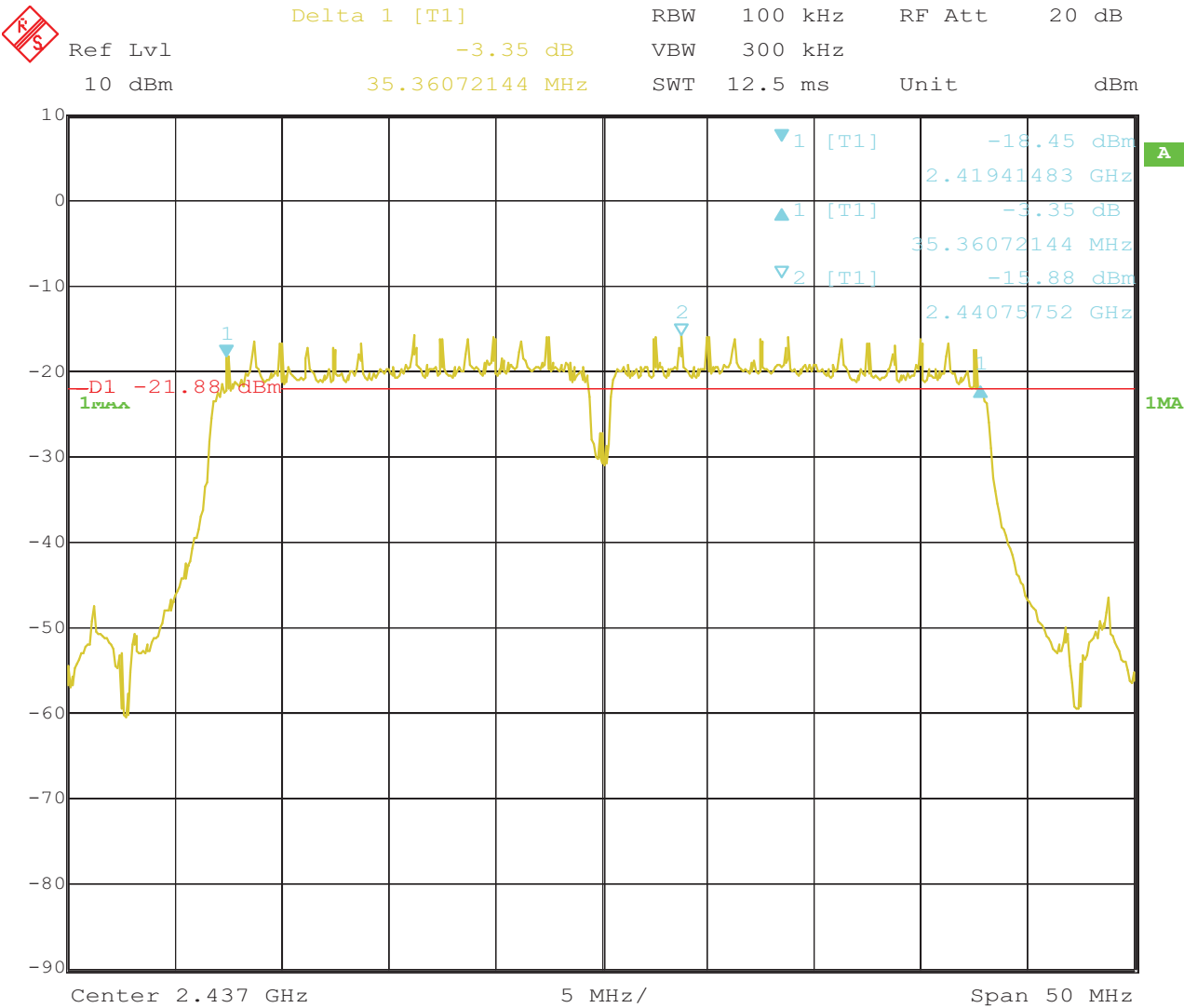
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2. 802.11n at HT40 of CH06



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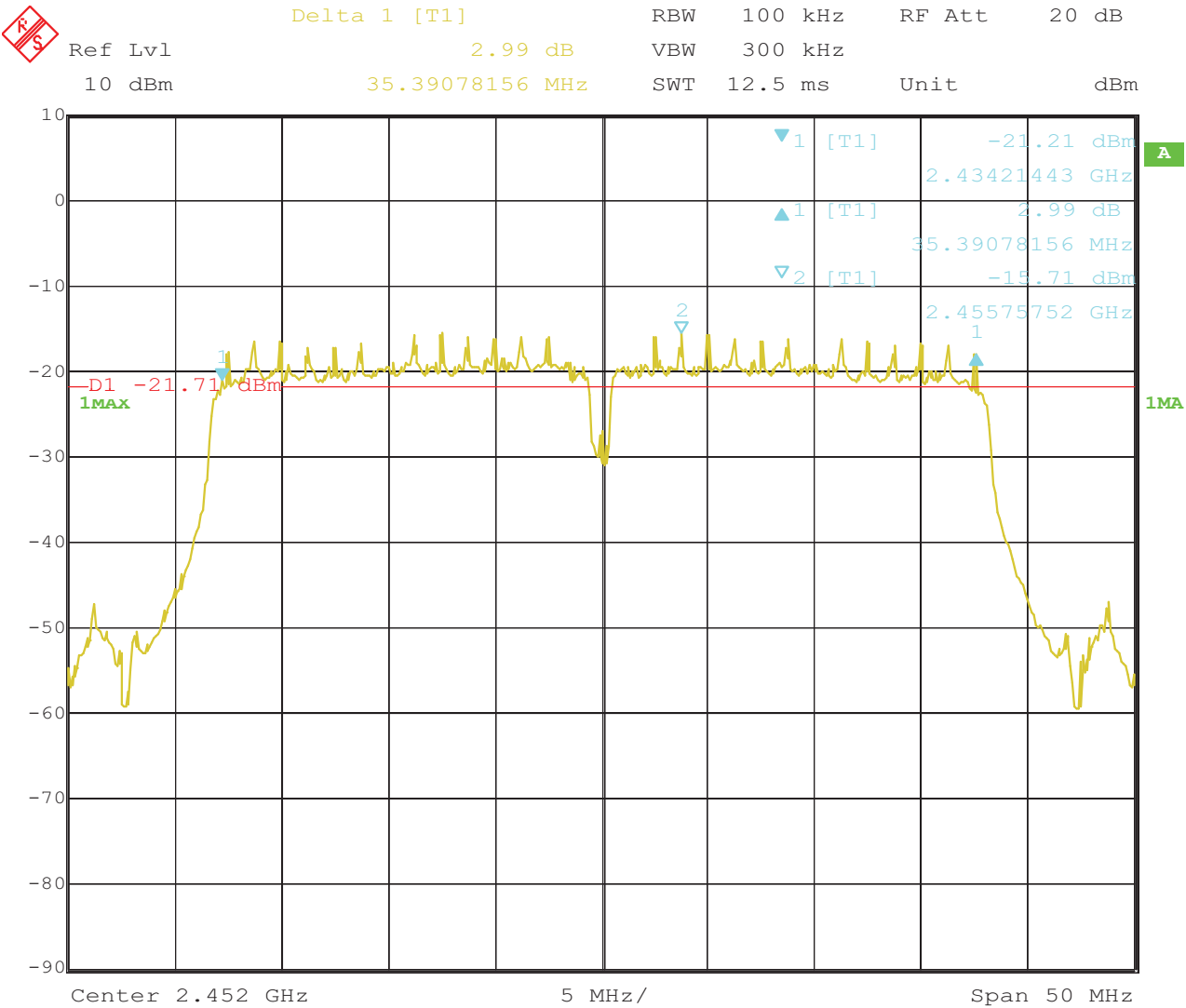
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3. 802.11n at HT40 of CH11



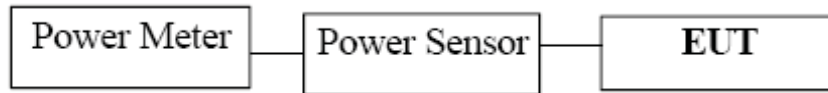
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## 8. Maximum Peak Output Power

### 8.1 Test Setup



### 8.2 Limits of Maximum Peak Output Power

The Maximum Peak Output Power Measurement is 30dBm.

### 8.3 Test Procedure

The RF power output was measured with a Power meter connected to the RF Antenna connector ( conducted measurement ) while EUT was operating in transmit mode at the appropriate centre frequency.

**Note: the peak power was measured**

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#### 8.4 Test Results

EUT	Tablet PC	Model	MiTraveler 708	
Mode	802.11b	Input Voltage	AC120V	
Temperature	24 deg. C,	Humidity	56% RH	
Channel	Channel Frequency (MHz)	Max. Power Output (dBm)	Power Limit (dBm)	Pass/ Fail
1	2412	9.17	30	Pass
6	2437	9.51	30	Pass
11	2462	9.43	30	Pass

Note: 1. At final test to get the worst-case emission at 11Mbps for CH01, CH06 and CH11

2. The result basic equation calculation as follow:

Peak Power Output = Peak Power Reading + Cable loss + Attenuator

3. The worse case was recorded

EUT	Tablet PC	Model	MiTraveler 708	
Mode	802.11g	Input Voltage	AC120V	
Temperature	24 deg. C,	Humidity	56% RH	
Channel	Channel Frequency (MHz)	Max. Power Output (dBm)	Power Limit (dBm)	Pass/ Fail
1	2412	6.02	30	Pass
6	2437	6.57	30	Pass
11	2462	6.37	30	Pass

Note: 1. At final test to get the worst-case emission at 6Mbps for CH01, CH06 and CH11

2. The result basic equation calculation as follow:

Peak Power Output = Peak Power Reading + Cable loss + Attenuator

3. The worse case was recorded

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EUT	Tablet PC	Model	MiTraveler 708	
Mode	802.11n (HT20)	Input Voltage	AC120V	
Temperature	24 deg. C,	Humidity	56% RH	
Channel	Channel Frequency (MHz)	Max. Power Output (dBm)	Power Limit (dBm)	Pass/ Fail
1	2412	6.33	30	Pass
6	2437	6.79	30	Pass
11	2462	6.75	30	Pass

Note: 1. At final test to get the worst-case emission at 150Mbps 11n HT20 for CH01, CH06 and CH11

2. The result basic equation calculation as follow:

$$\text{Peak Power Output} = \text{Peak Power Reading} + \text{Cable loss} + \text{Attenuator}$$

3. The worse case was recorded

EUT	Tablet PC	Model	MiTraveler 708	
Mode	802.11n (HT40)	Input Voltage	AC120V	
Temperature	24 deg. C,	Humidity	56% RH	
Channel	Channel Frequency (MHz)	Max. Power Output (dBm)	Power Limit (dBm)	Pass/ Fail
1	2422	6.08	30	Pass
4	2437	6.23	30	Pass
7	2452	6.43	30	Pass

Note: 1. At final test to get the worst-case emission at 150Mbps of 11n HT40 for CH01, CH04 and CH7

2. The result basic equation calculation as follow:

$$\text{Max. Power Output} = \text{Power Reading} + \text{Cable loss} + \text{Attenuator}$$

3. The worse case was recorded

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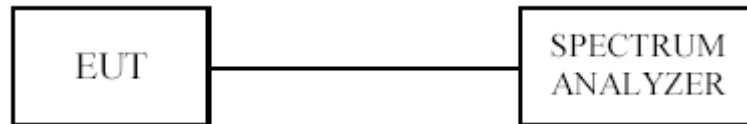
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## 9. Power Spectral Density Measurement

### 9.1 Test Setup



### 9.2 Limits of Power Spectral Density Measurement

The Maximum Power Spectral Density Measurement is 8dBm.

### 9.3 Test Procedure

1. Use this procedure when the maximum peak conducted output power in the fundamental emission is used to demonstrate compliance.
2. Set the RBW = 10 kHz.
3. Set the VBW  $\geq$  30 kHz.
4. Set the span to 1.5 times the DTS channel bandwidth.
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum amplitude level.
10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.
11. The resulting peak PSD level must be  $\leq$  8 dBm.

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#### 9.4 Test Result

EUT	Tablet PC	Model	MiTraveler 708	
Mode	802.11b 11Mbps	Input Voltage	AC120V	
Temperature	24 deg. C,	Humidity	56% RH	
Channel	Channel Frequency (MHz)	Final RF Power Level (dBm)	Maximum Limit (dBm)	Pass/ Fail
11Mbps				
1	2412	-14.95	8	Pass
6	2437	-14.40	8	Pass
11	2462	-14.62	8	Pass

EUT	Tablet PC	Model	MiTraveler 708	
Mode	802.11b 1Mbps	Input Voltage	AC120V	
Temperature	24 deg. C,	Humidity	56% RH	
Channel	Channel Frequency (MHz)	Final RF Power Level (dBm)	Maximum Limit (dBm)	Pass/ Fail
1Mbps				
1	2412	-15.42	8	Pass
6	2437	-15.27	8	Pass
11	2462	-15.44	8	Pass

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EUT	Tablet PC	Model	MiTraveler 708	
Mode	802.11g 6Mbps	Input Voltage	AC120V	
Temperature	24 deg. C,	Humidity	56% RH	
Channel	Channel Frequency (MHz)	Final RF Power Level (dBm)	Maximum Limit (dBm)	Pass/ Fail
6Mbps				
1	2412	-23.59	8	Pass
6	2437	-22.61	8	Pass
11	2462	-22.21	8	Pass

EUT	Tablet PC	Model	MiTraveler 708	
Mode	802.11n HT20 150Mbps	Input Voltage	AC120V	
Temperature	24 deg. C,	Humidity	56% RH	
Channel	Channel Frequency (MHz)	Final RF Power Level (dBm)	Maximum Limit (dBm)	Pass/ Fail
150Mbps				
1	2412	-21.80	8	Pass
6	2437	-21.49	8	Pass
11	2462	-21.49	8	Pass

EUT	Tablet PC	Model	MiTraveler 708	
Mode	802.11n (HT40) 150Mbps	Input Voltage	AC120V	
Temperature	24 deg. C,	Humidity	56% RH	
Channel	Channel Frequency (MHz)	Final RF Power Level (dBm)	Maximum Limit (dBm)	Pass/ Fail
150Mbps				
1	2422	-25.20	8	Pass
4	2437	-25.18	8	Pass
7	2452	-25.01	8	Pass

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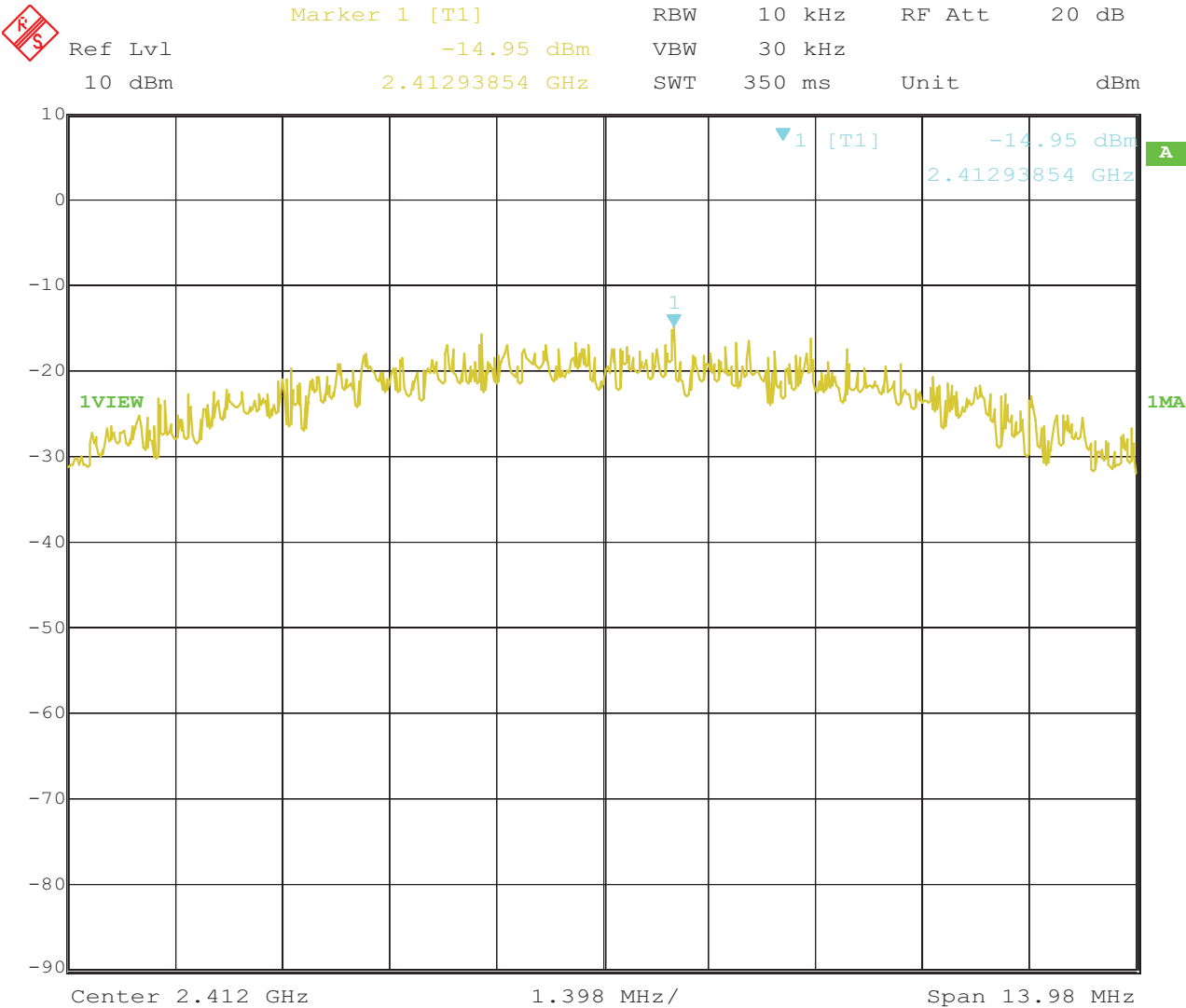
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9.5 Photo of Power Spectral Density Measurement

1.802.11b at 11Mbps of CH01



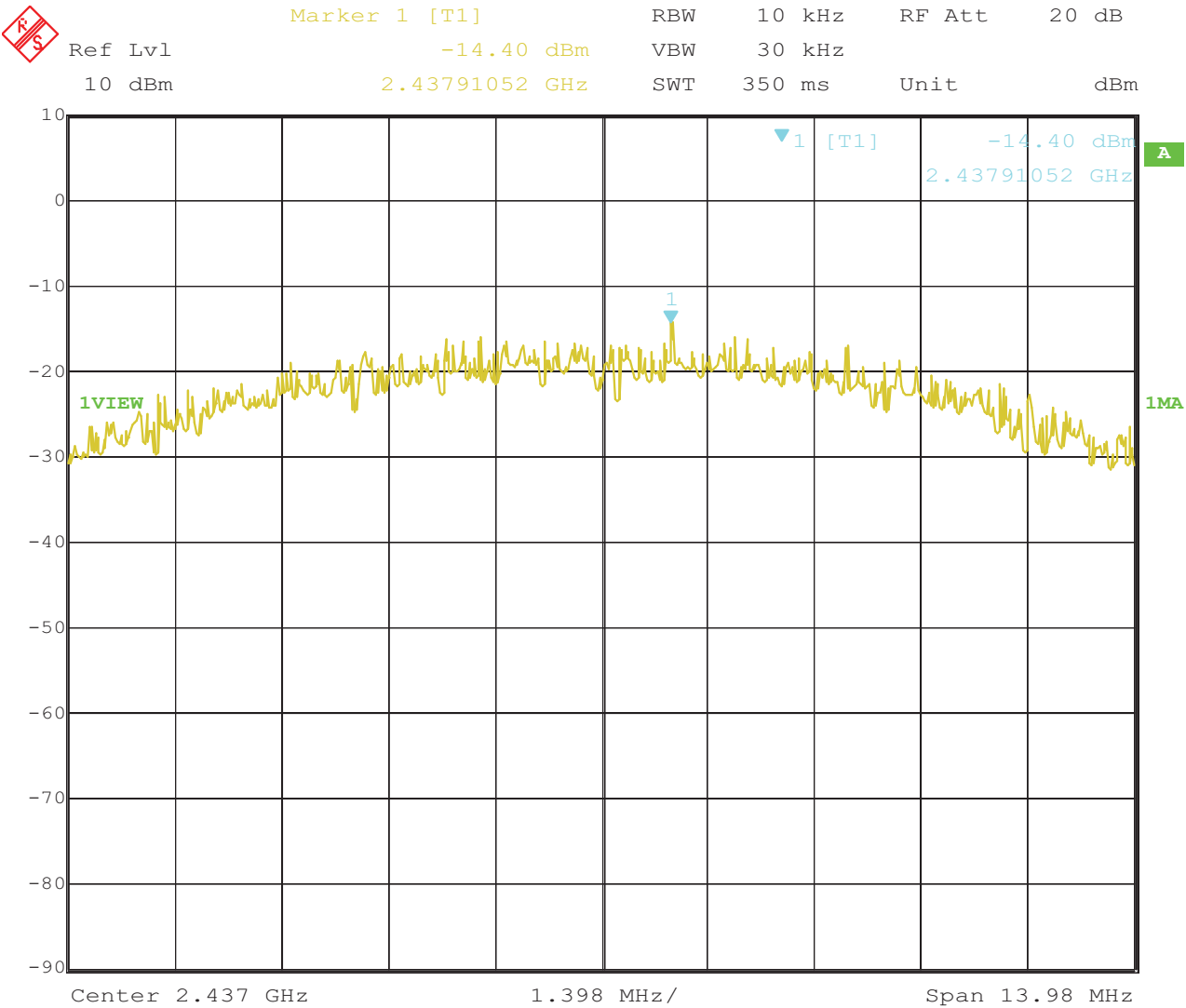
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2. 802.11b at 11Mbps at CH06



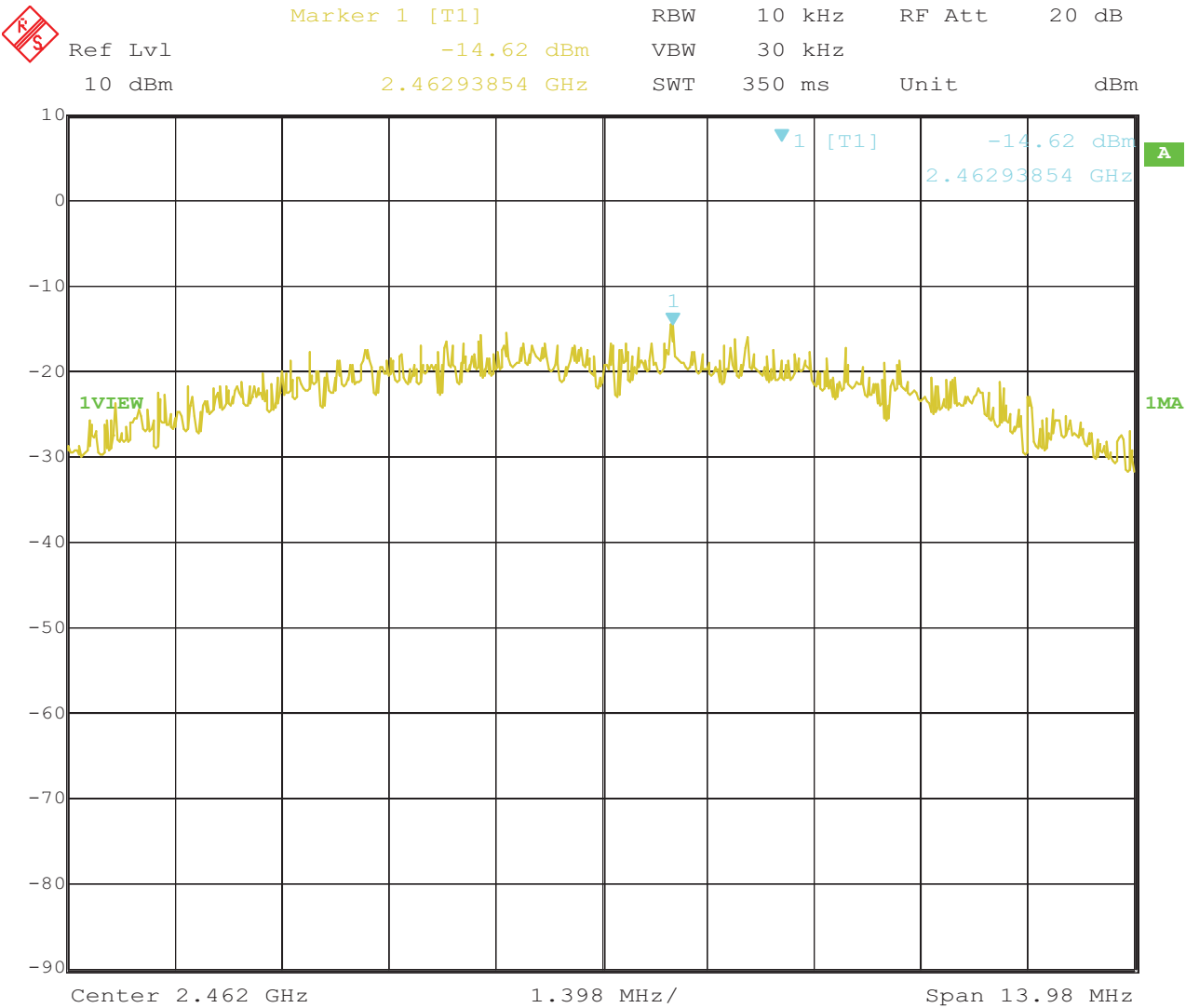
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3. 802.11b at 11Mbps of CH11



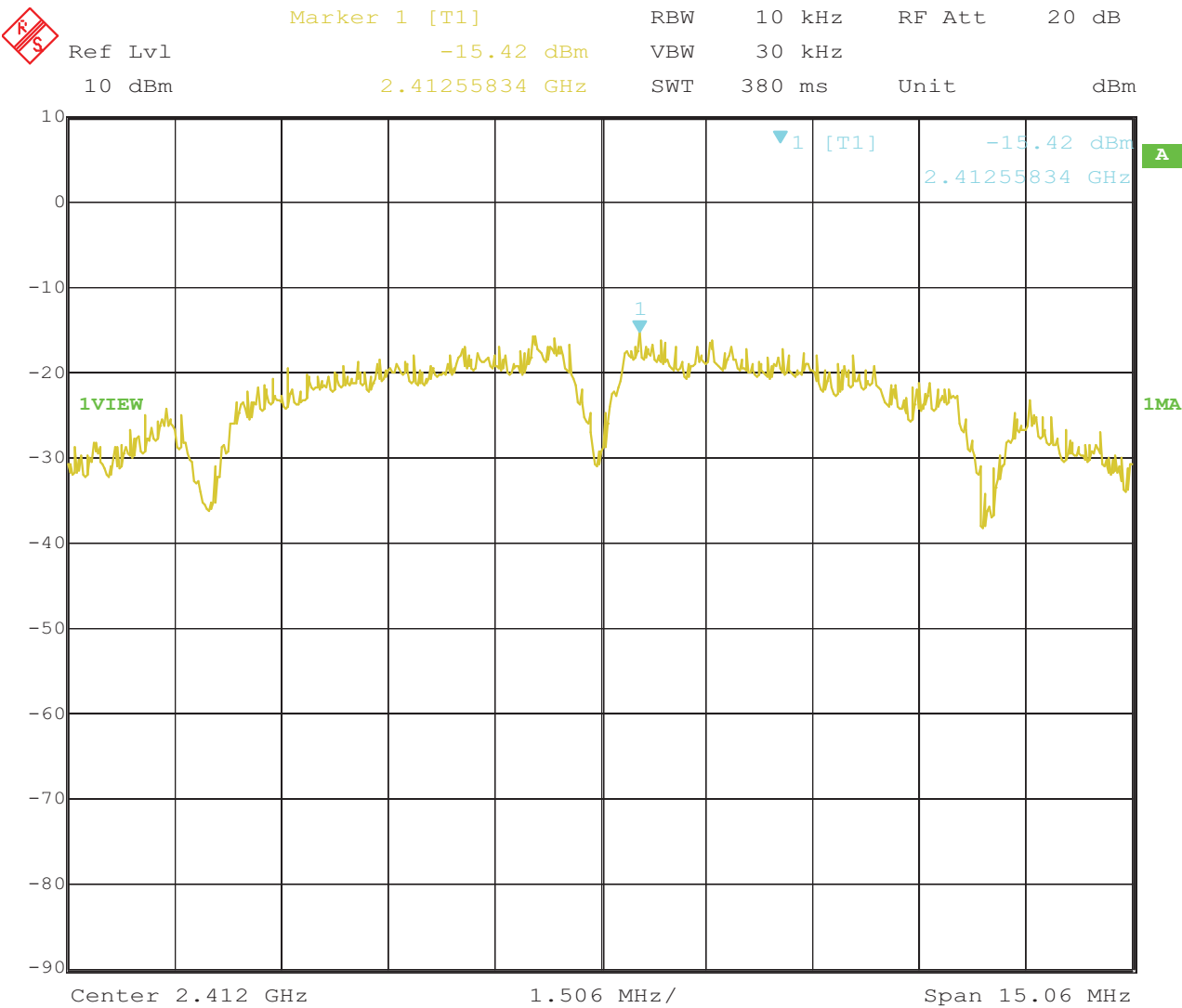
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4. 802.11b at 1Mbps of CH1



Center 2.412 GHz

1.506 MHz/

Span 15.06 MHz

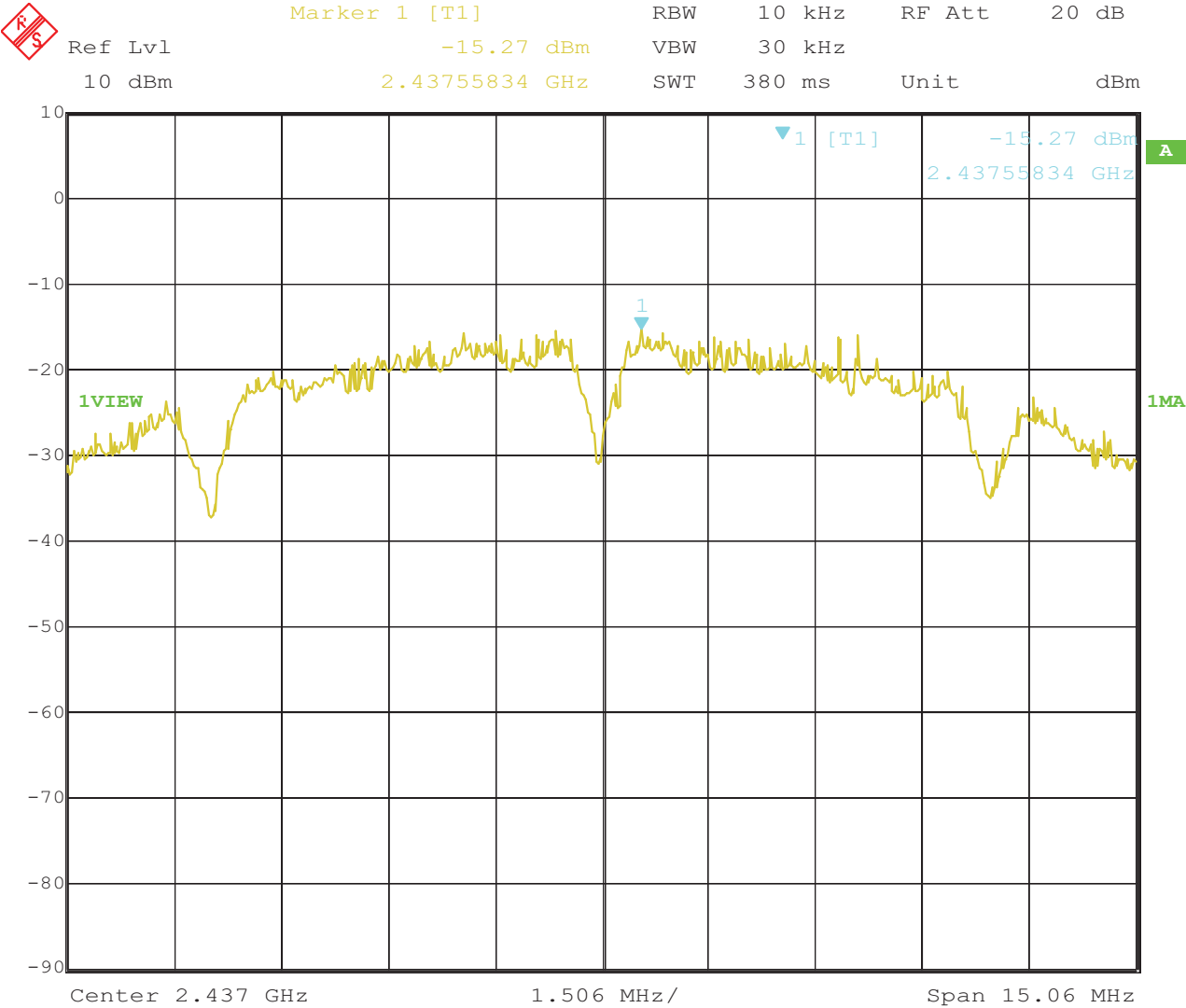
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5. 802.11b at 1Mbps of CH6



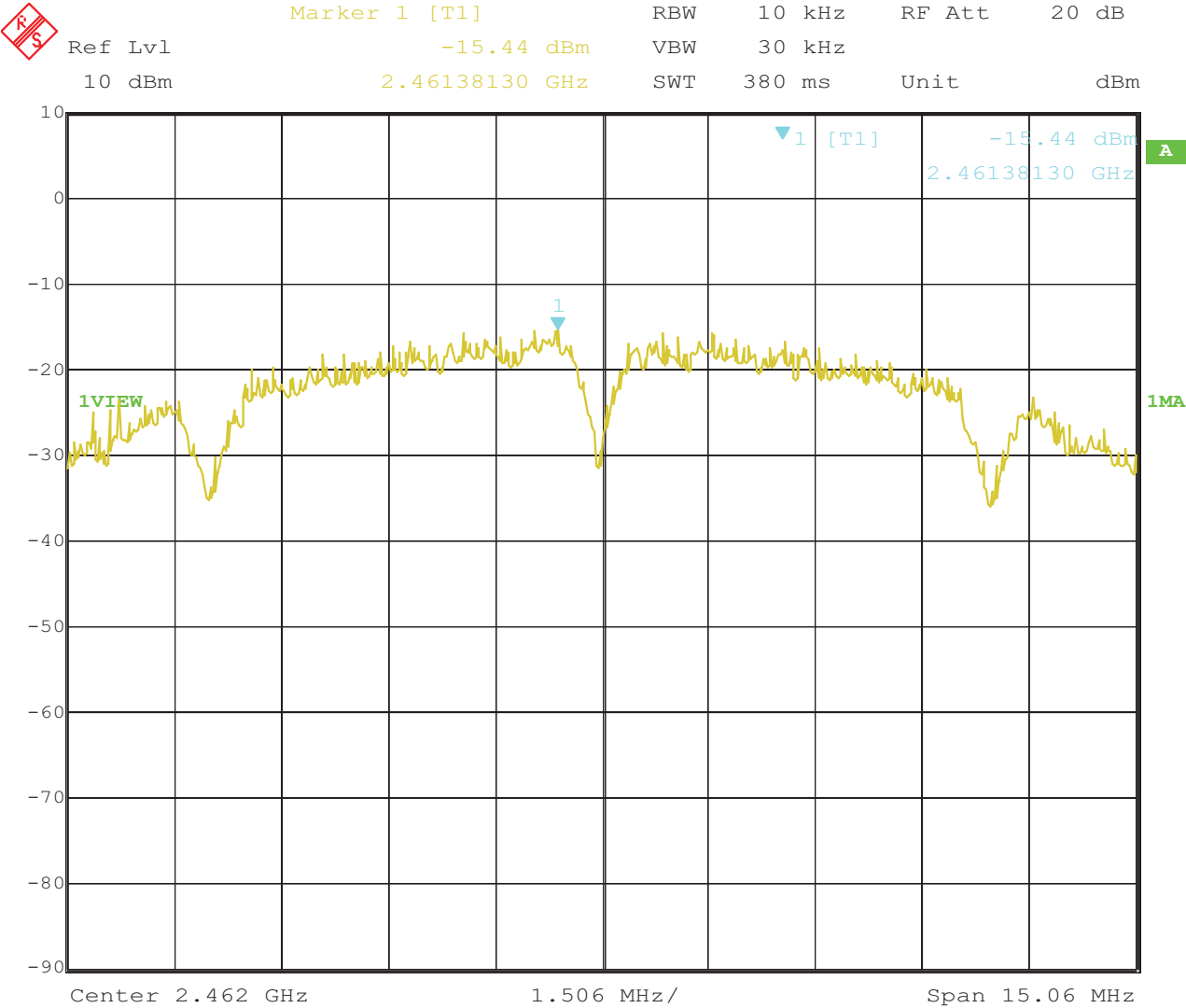
Date: 11.APR.2015 16:02:21

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6. 802.11b at 1Mbps of CH11



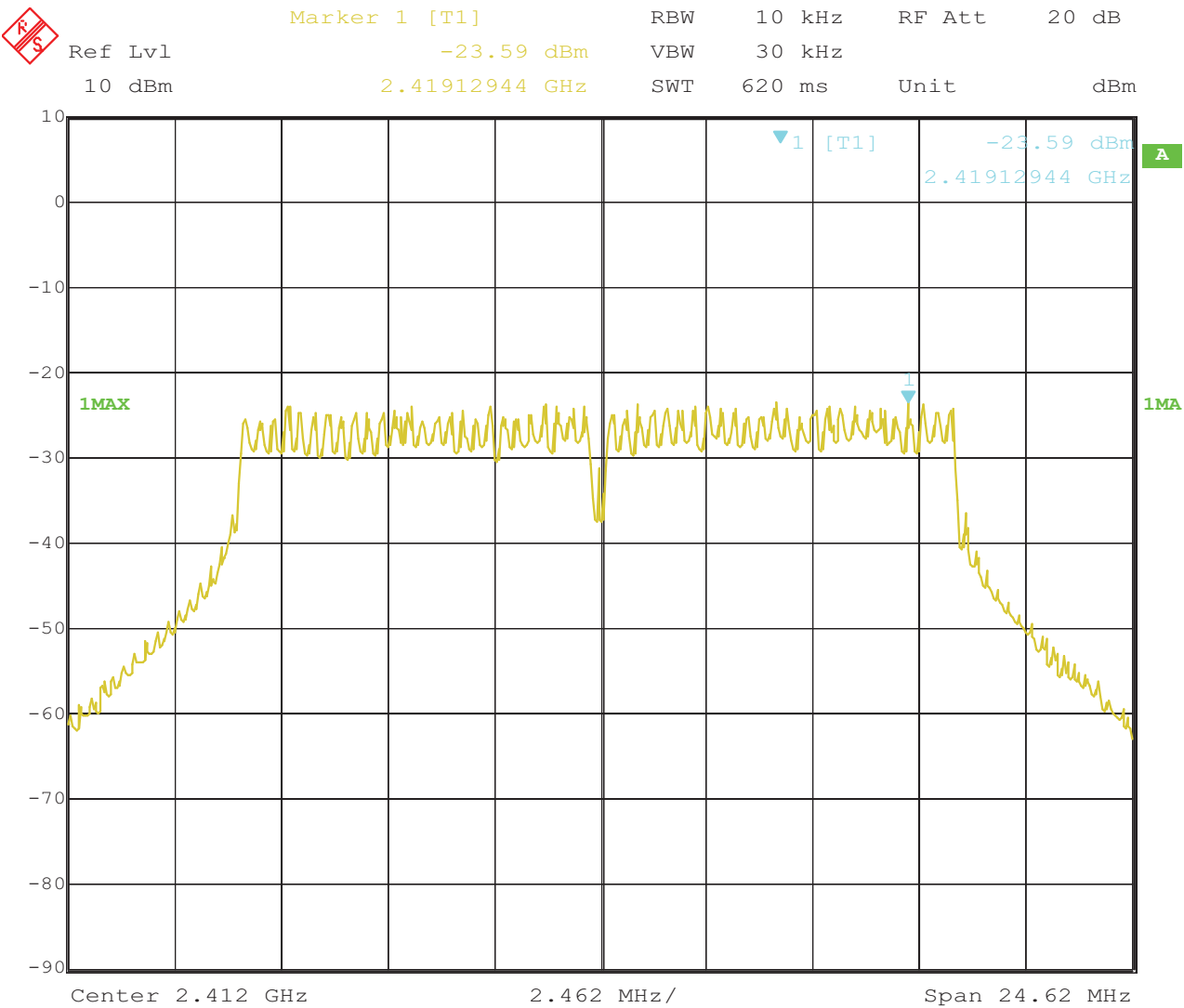
Date: 11.APR.2015 15:54:40

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7. 802.11g at 6Mbps of CH1



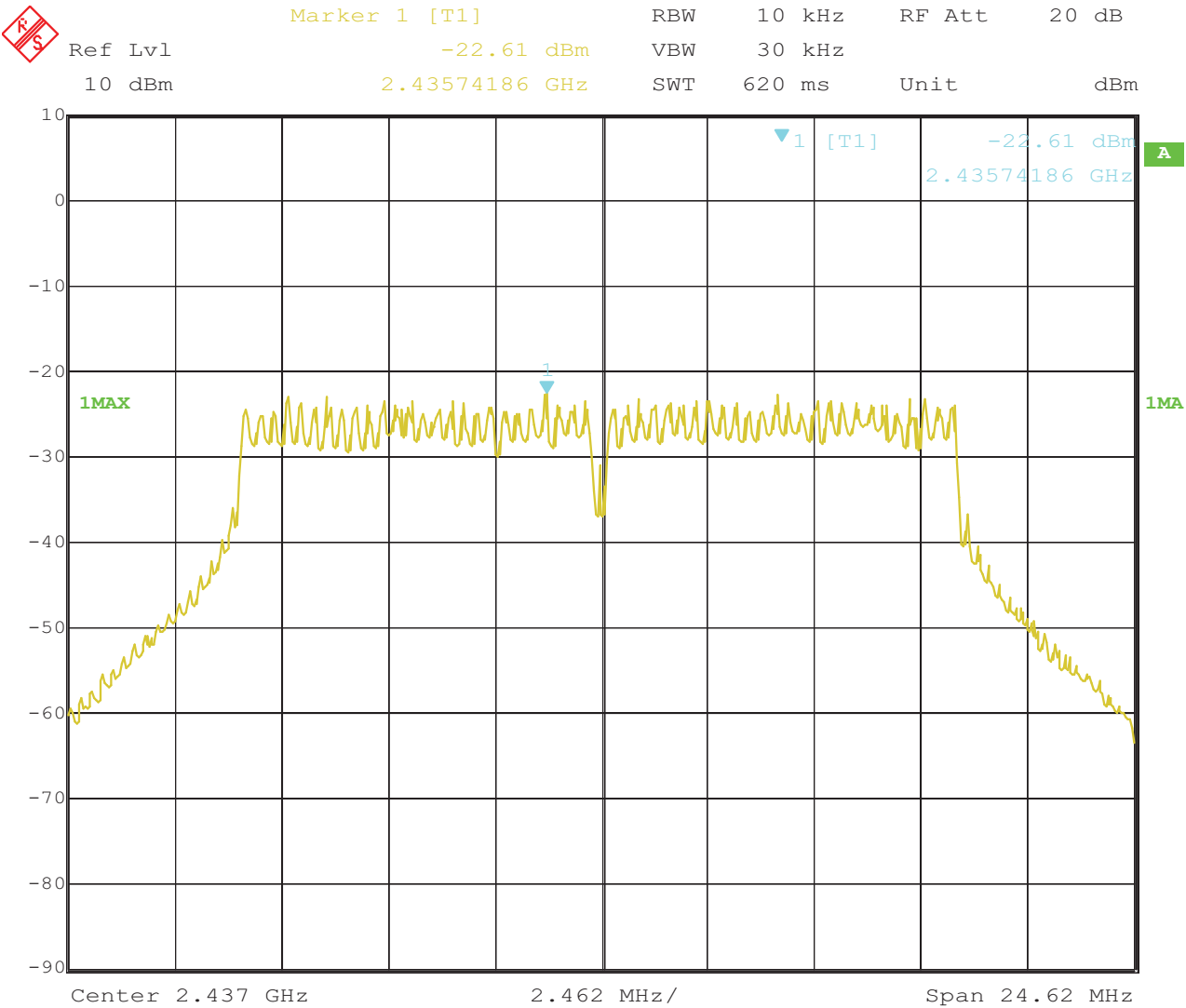
Date: 11.APR.2015 16:00:19

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8. 802.11g at 6 Mbps of CH6



Center 2.437 GHz

2.462 MHz/

Span 24.62 MHz

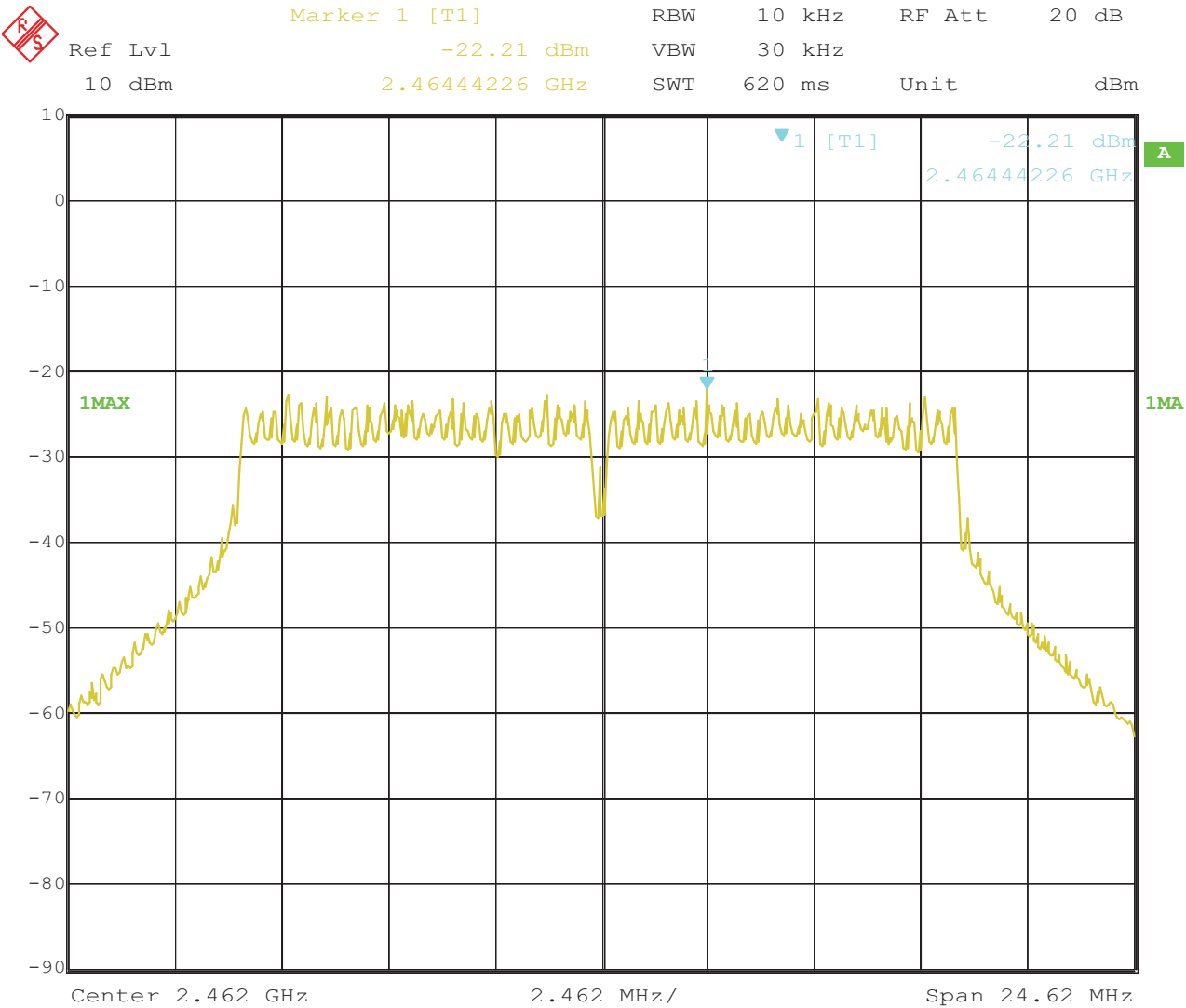
Date: 11.APR.2015 15:59:30

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9. 802.11g at 6 Mbps of CH11



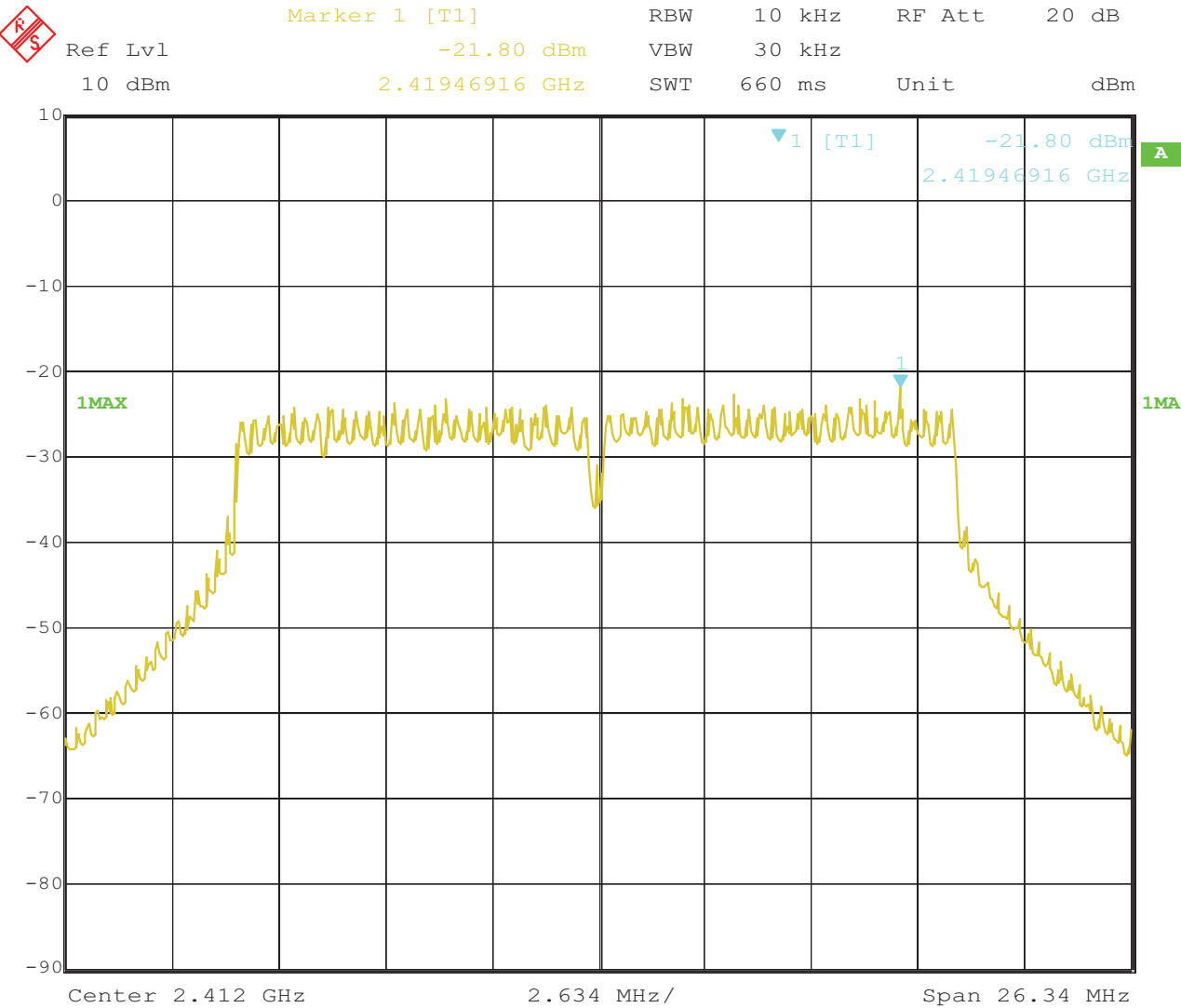
Date: 11.APR.2015 16:03:36

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10. 802.11n at HT20 of CH01



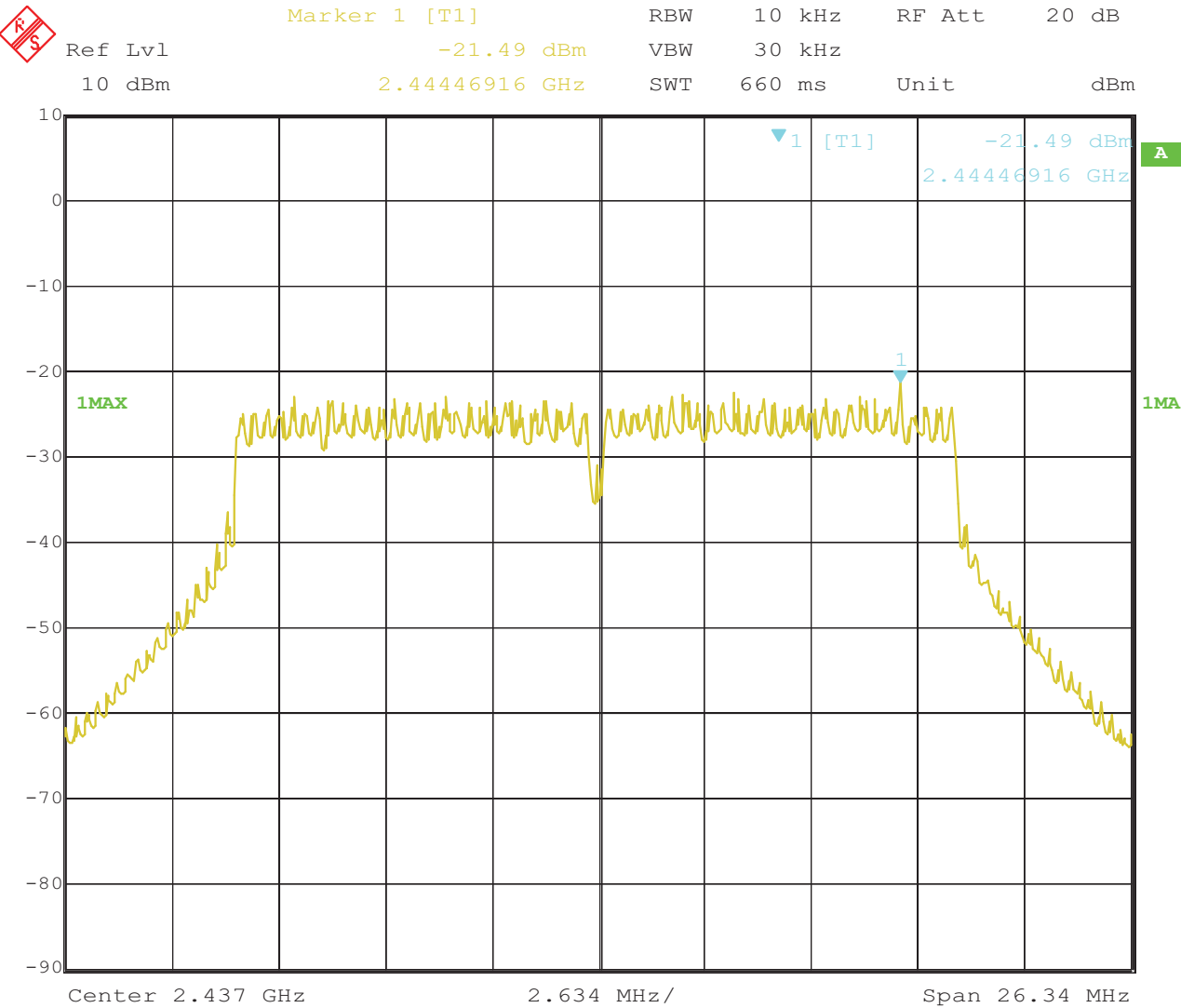
Date: 11.APR.2015 15:49:53

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11. 802.11n at HT20 of CH06



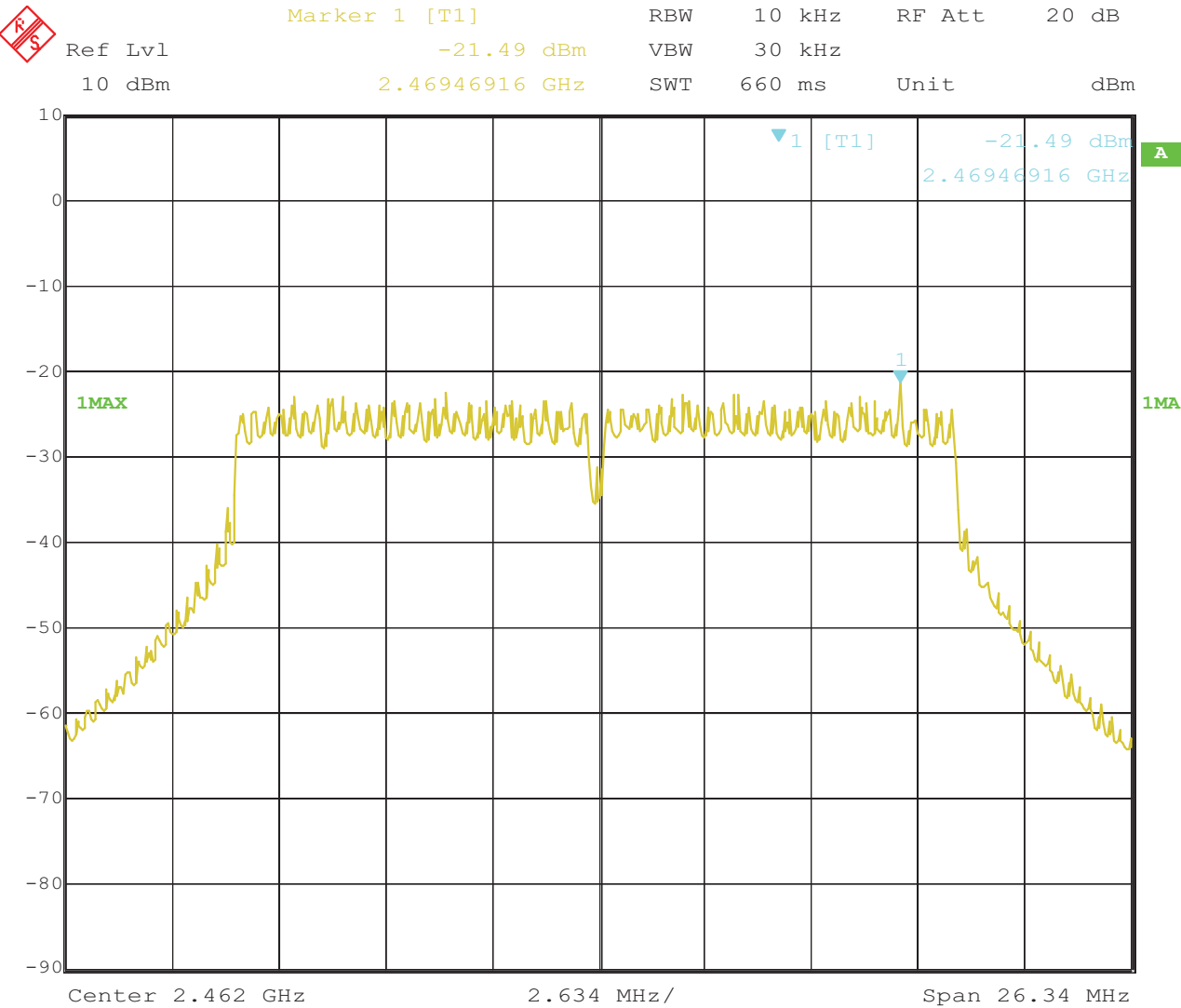
Date: 11.APR.2015 15:51:15

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12. 802.11n at HT20 of CH11



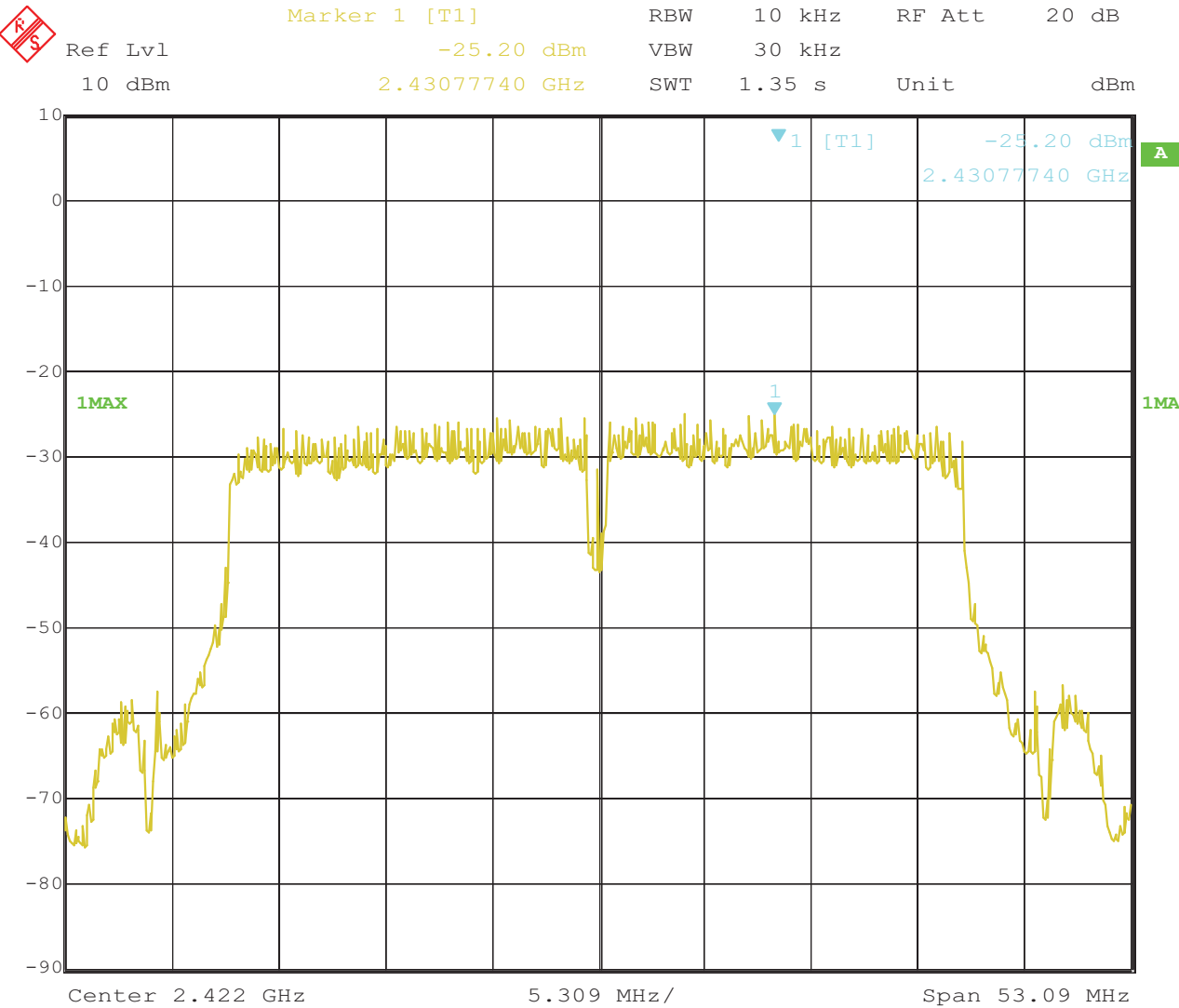
Date:            11.APR.2015    15:53:53

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13. 802.11n at HT40 of CH01



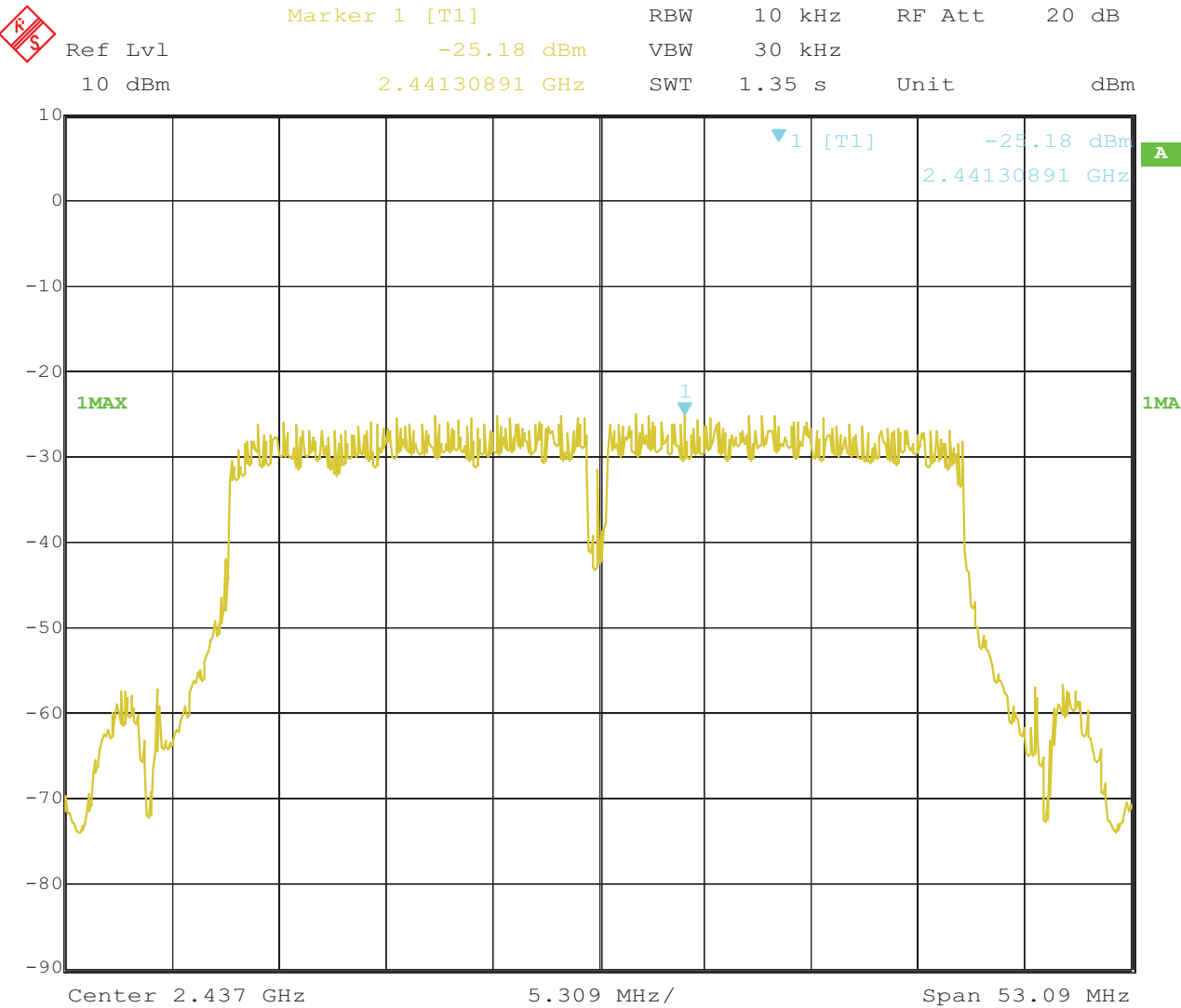
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14. 802.11n at HT40 of CH04



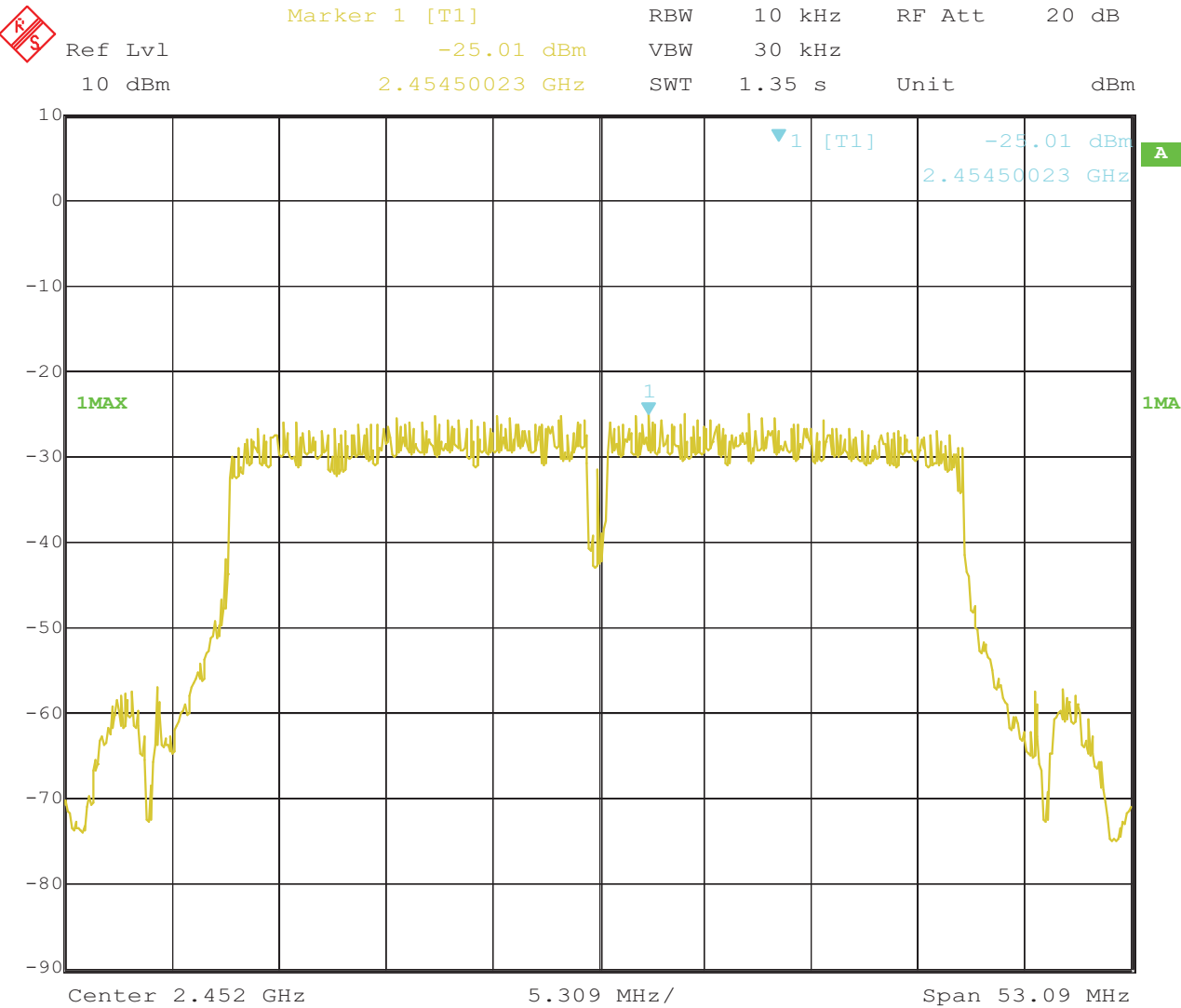
Date: 11.APR.2015 15:48:25

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15. 802.11n at HT40 of CH07



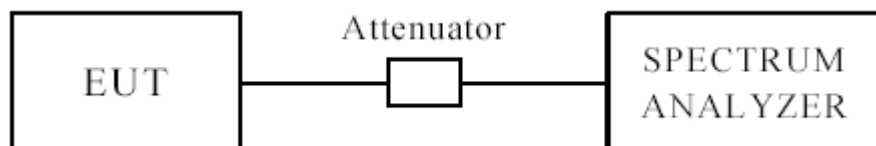
Date: 11.APR.2015 15:44:15

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## 10 Out of Band Measurement

### 10.1 Test Setup for band edge



The restricted band requirement based on radiated emission test; please see the clause 6 for the test setup

### 10.2 Limits of Out of Band Emissions Measurement

1. Below  $-20\text{dB}$  of the highest emission level of operating band (in 100kHz Resolution Bandwidth).
2. Fall in the restricted bands listed in section 15.205. The maximum permitted average field strength is listed in section 15.209.

### 10.3 Test Procedure

For signals in the restricted bands above and below the 2.4-2.483GHz allocated band a measurement was made of Radiated emission test. (Peak values with RBW=VBW=1MHz and PK detector. AV value with RBW=1MHz, VBW=3MHz and RMS detector)

For bandage test, the spectrum set as follows: RBW=100 kHz, VBW=300 kHz. A conducted measurement used

### 10.4 Test Result

Please see next pages

Note: For band-edge measurement, the frequency from 30MHz-25GHz was tested. And It met the FCC rule.

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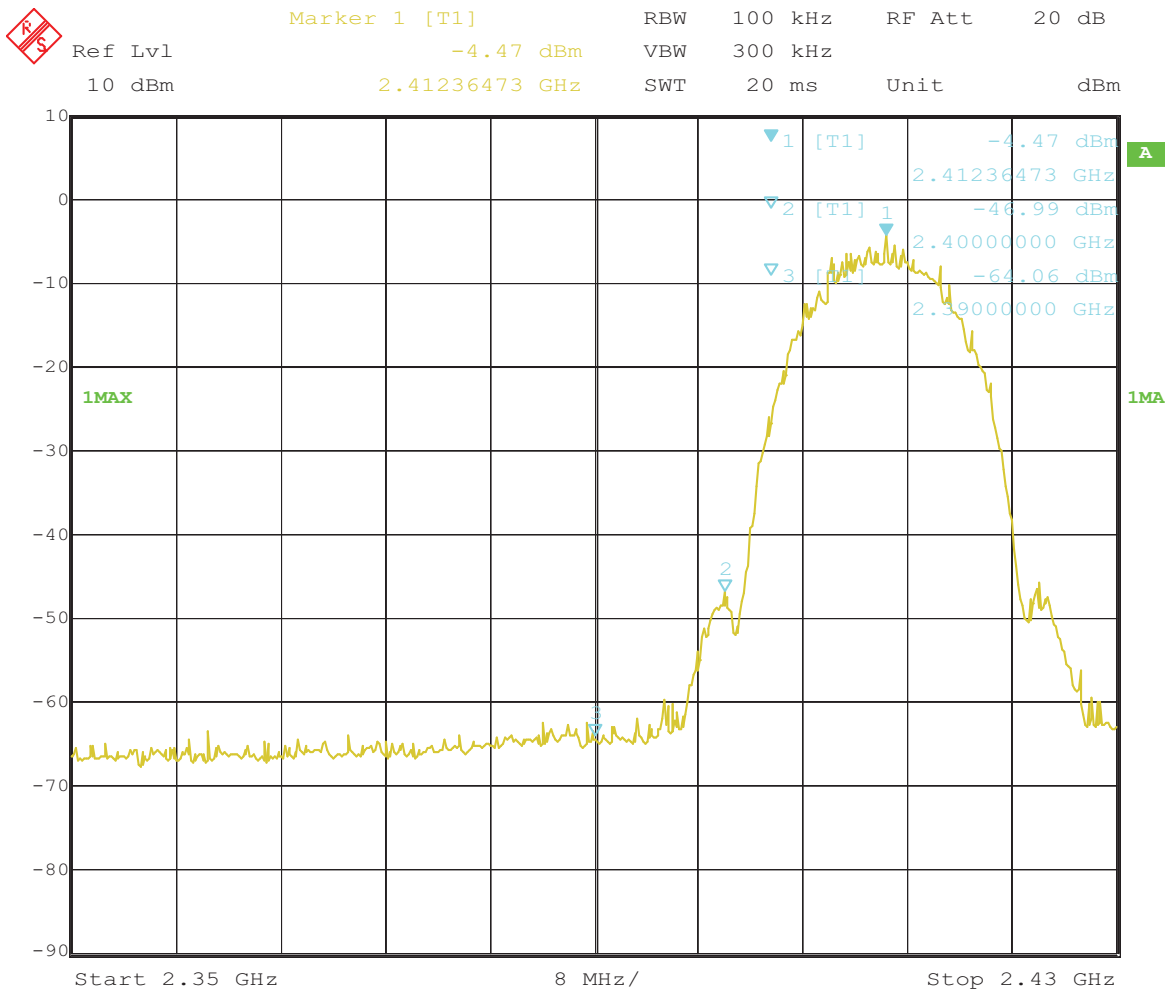


For 802.11b mode  
CH01 at 11Mbps

10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Model	MiTraveler 708	
Mode	Keeping Transmitting		Input Voltage	DC3.7V	
Temperature	24 deg. C,		Humidity	56% RH	
Test Result:	Pass		Detector	PK	
2400	PK (dBμV/m)	57.1		Limit	74(dBμV/m)
	AV (dBμV/m)	39.3			54(dBμV/m)
2390	PK (dBμV/m)	41.2		Limit	74(dBμV/m)
	AV (dBμV/m)	--			54(dBμV/m)

Test Figure:



Date: 11.APR.2015 16:07:49

Note: The Max. FS in Restrict Band are measured in conventional method.

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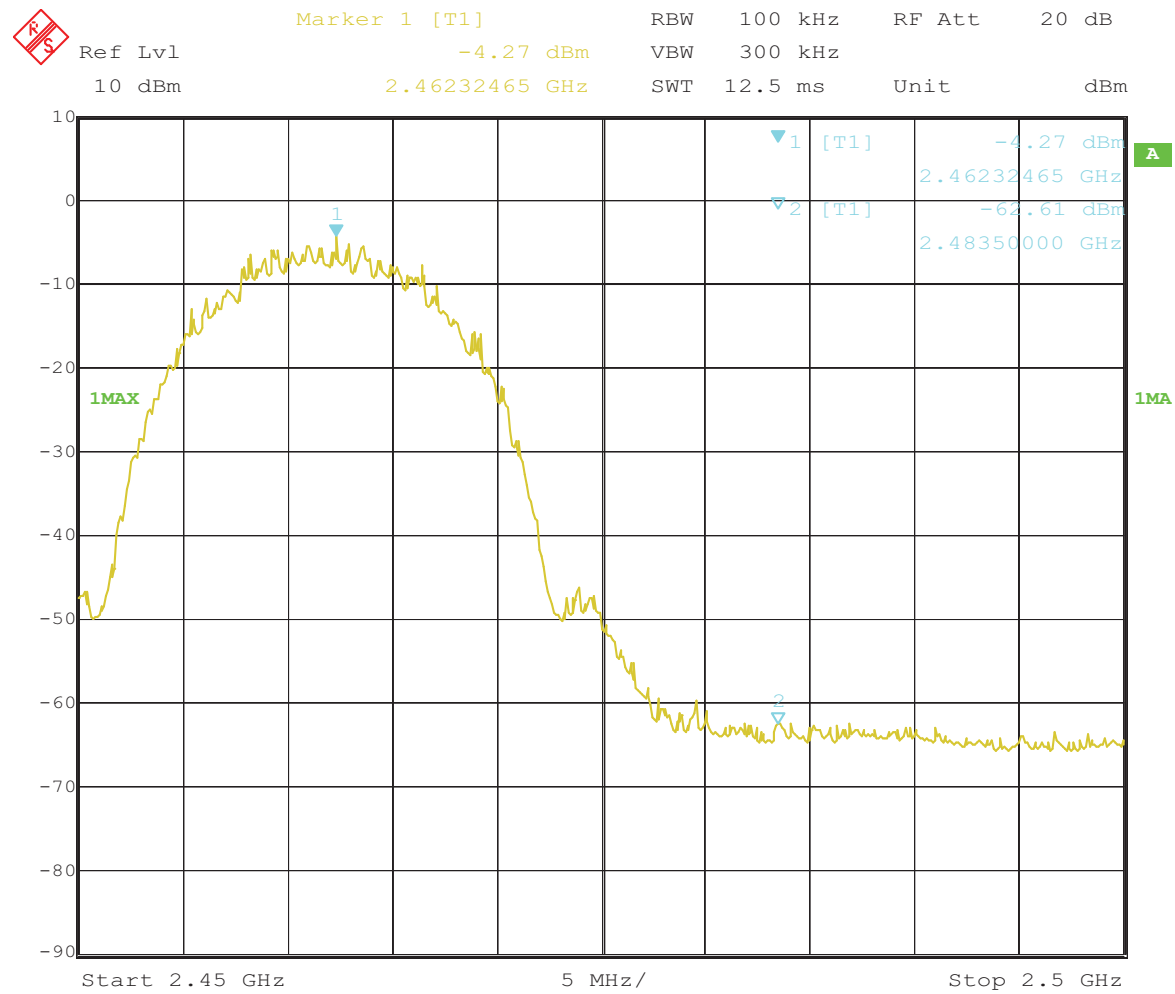


CH11 at 11Mbps

10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Model	MiTraveler 708	
Mode	Keeping Transmitting		Input Voltage	DC3.7V	
Temperature	24 deg. C,		Humidity	56% RH	
Test Result:	Pass		Detector	PK	
2483.5	PK (dBμV/m)	43.7		Limit	74(dBμV/m)
	AV (dBμV/m)	--			54(dBμV/m)

Test Figure:



Date: 11.APR.2015 16:21:03

Note: The Max. FS in Restrict Band are measured in conventional method.

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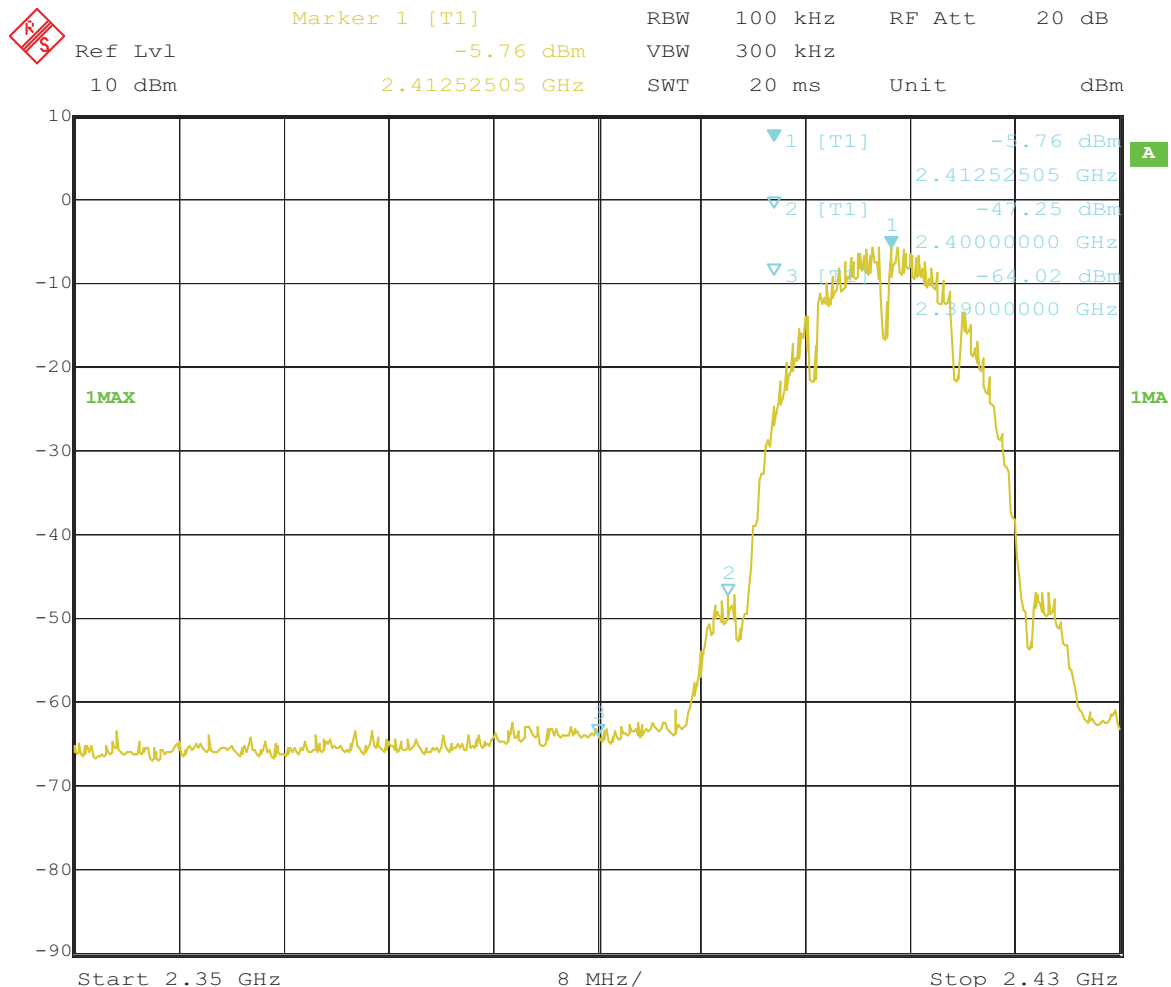
For 802.11b mode

CH01 at 1Mbps

#### 10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC	Model	MiTraveler 708	
Mode	Keeping Transmitting	Input Voltage	DC3.7V	
Temperature	24 deg. C,	Humidity	56% RH	
Test Result:	Pass	Detector	PK	
2400	PK (dBμV/m)	56.8	Limit	74(dBμV/m)
	AV (dBμV/m)	39.0		54(dBμV/m)
2390	PK (dBμV/m)	41.1	Limit	74(dBμV/m)
	AV (dBμV/m)	--		54(dBμV/m)

Test Figure:



Date: 11.APR.2015 16:10:35

Note: The Max. FS in Restrict Band are measured in conventional method.

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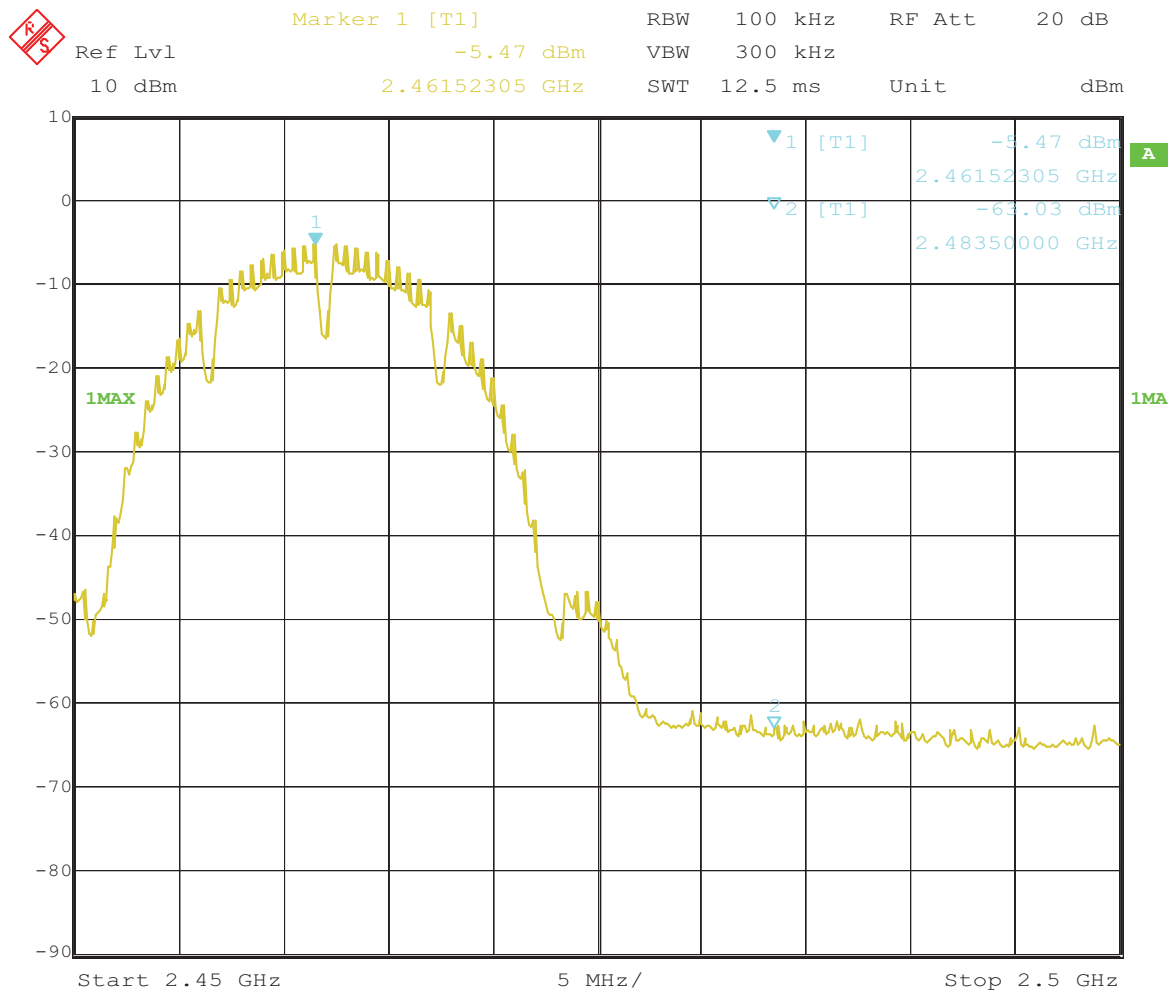


CH11 at 1Mbps

10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Model	MiTraveler 708	
Mode	Keeping Transmitting		Input Voltage	DC3.7V	
Temperature	24 deg. C,		Humidity	56% RH	
Test Result:	Pass		Detector	PK	
2483.5	PK (dBμV/m)	42.0		Limit	74(dBμV/m)
	AV (dBμV/m)	--			54(dBμV/m)

Test Figure:



Date: 11.APR.2015 16:18:37

Note: The Max. FS in Restrict Band are measured in conventional method.

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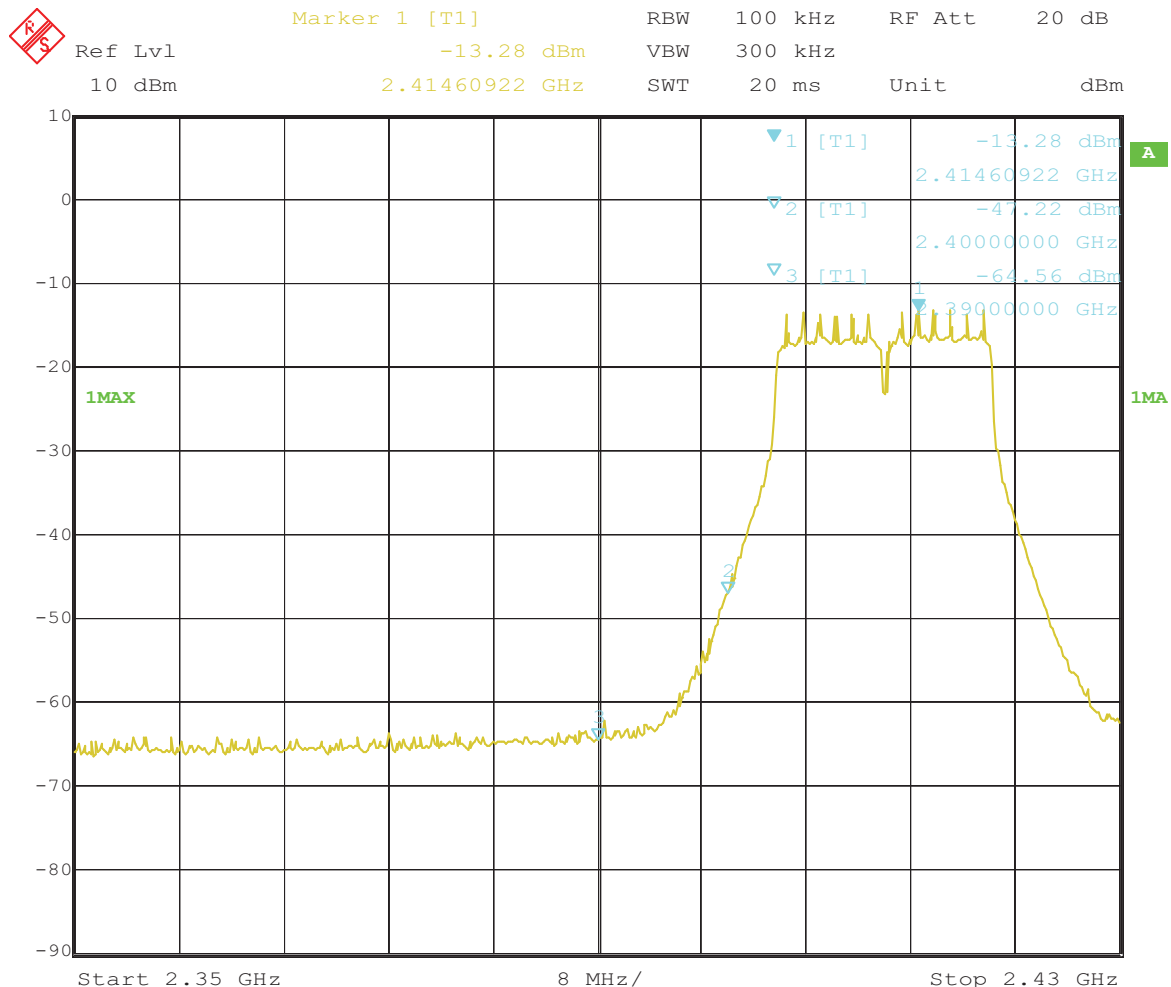
For 802.11g mode

CH01 at 6Mbps

#### 10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Model	MiTraveler 708	
Mode	Keeping Transmitting		Input Voltage	DC3.7V	
Temperature	24 deg. C,		Humidity	56% RH	
Test Result:	Pass		Detector	PK	
2400	PK (dBμV/m)	60.2		Limit	74(dBμV/m)
	AV (dBμV/m)	41.9			54(dBμV/m)
2390	PK (dBμV/m)	43.6		Limit	74(dBμV/m)
	AV (dBμV/m)	--			54(dBμV/m)

#### Test Figure:



Date: 11.APR.2015 16:09:50

Note: The Max. FS in Restrict Band are measured in conventional method.

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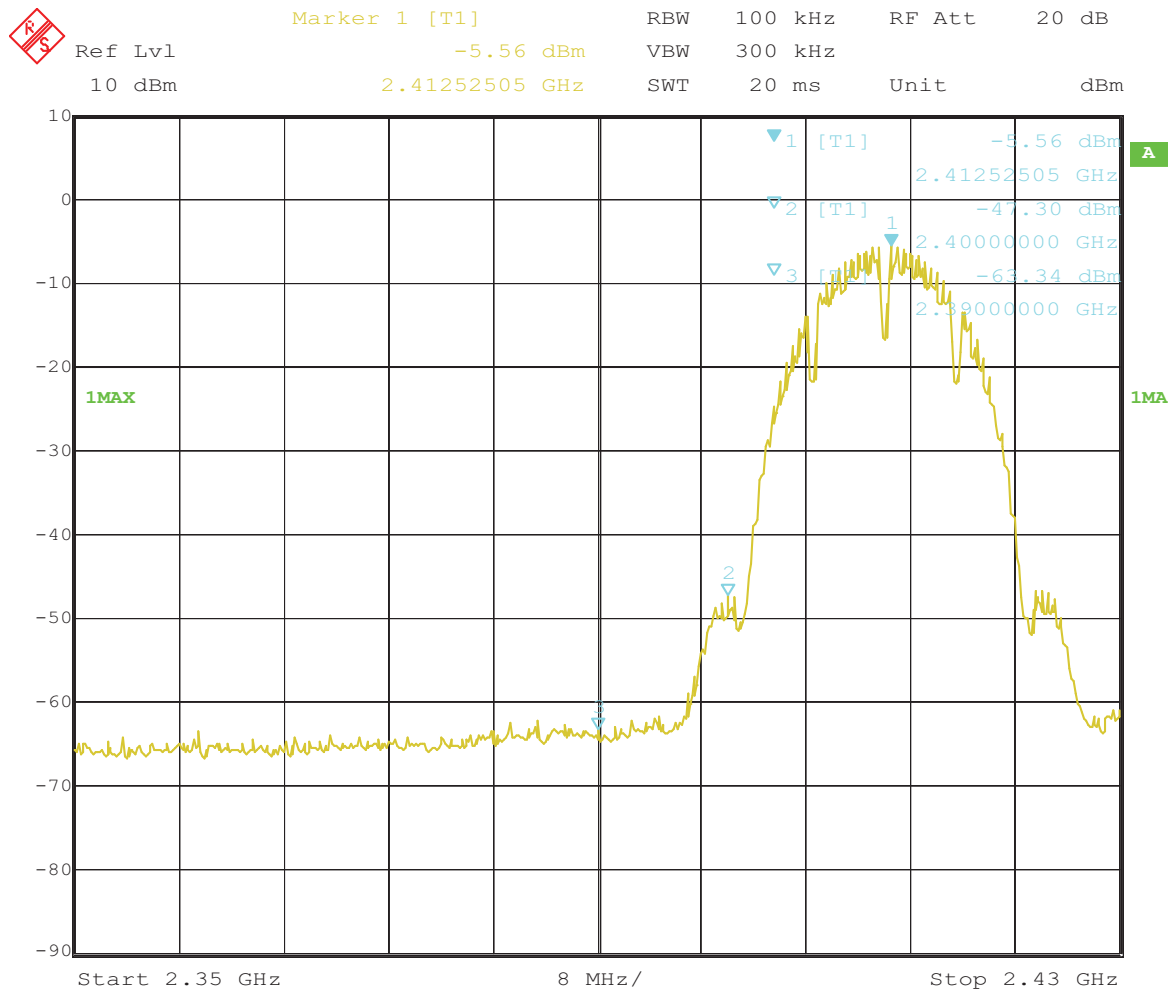
For 802.11n (HT20) mode

CH01 at 150Mbps

#### 10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC	Model	MiTraveler 708	
Mode	Keeping Transmitting	Input Voltage	DC3.7V	
Temperature	24 deg. C,	Humidity	56% RH	
Test Result:	Pass	Detector	PK	
2400	PK (dBμV/m)	61.2	Limit	74(dBμV/m)
	AV (dBμV/m)	42.3		54(dBμV/m)
2390	PK (dBμV/m)	44.1	Limit	74(dBμV/m)
	AV (dBμV/m)	--		54(dBμV/m)

#### Test Figure:



Date: 11.APR.2015 16:11:32

Note: The Max. FS in Restrict Band are measured in conventional method.

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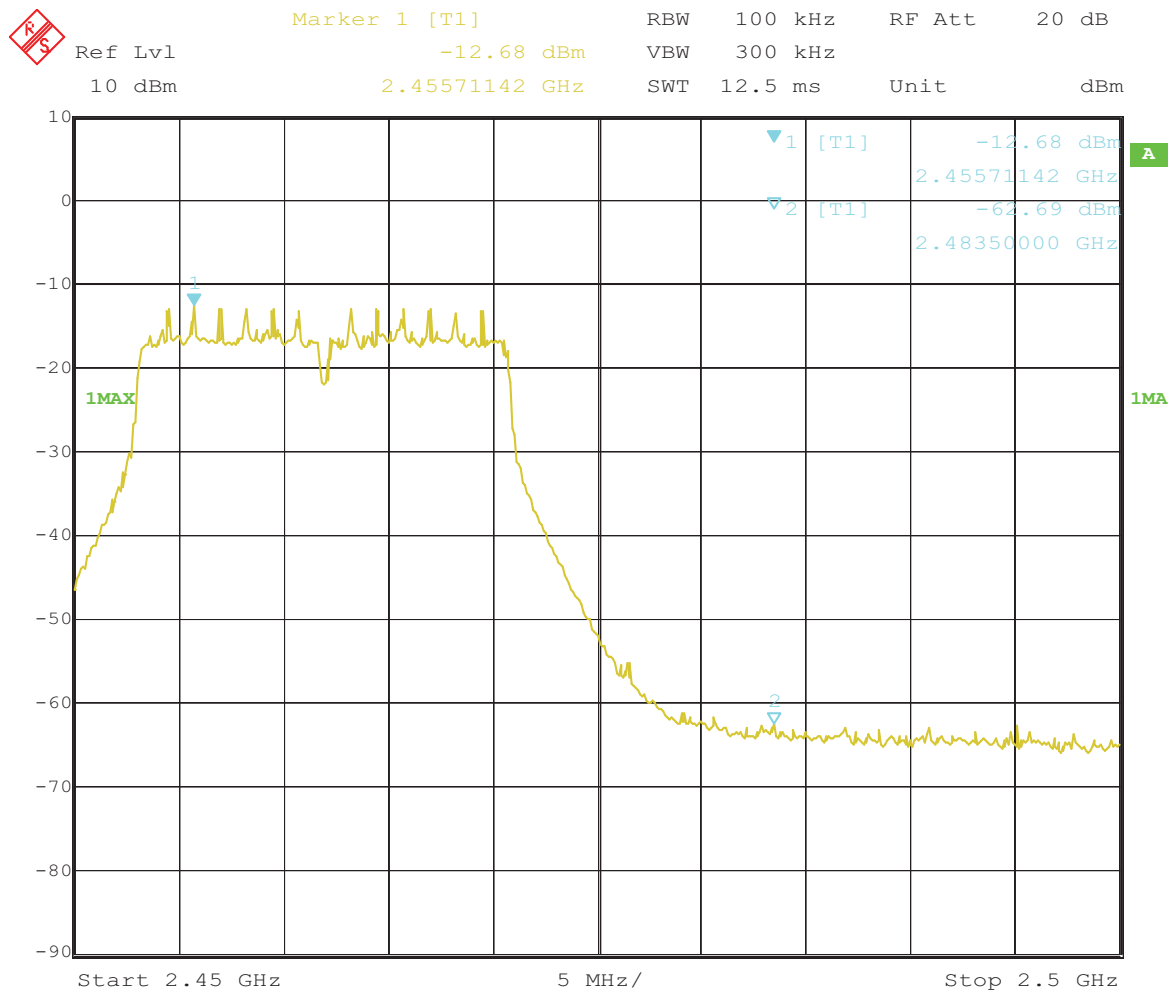


CH11 at 150Mbps

10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Model	MiTraveler 708	
Mode	Keeping Transmitting		Input Voltage	DC3.7V	
Temperature	24 deg. C,		Humidity	56% RH	
Test Result:	Pass		Detector	PK	
2483.5	PK (dBμV/m)	46.4		Limit	74(dBμV/m)
	AV (dBμV/m)	--			54(dBμV/m)

Test Figure:



Date: 11.APR.2015 16:17:10

Note: The Max. FS in Restrict Band are measured in conventional method.

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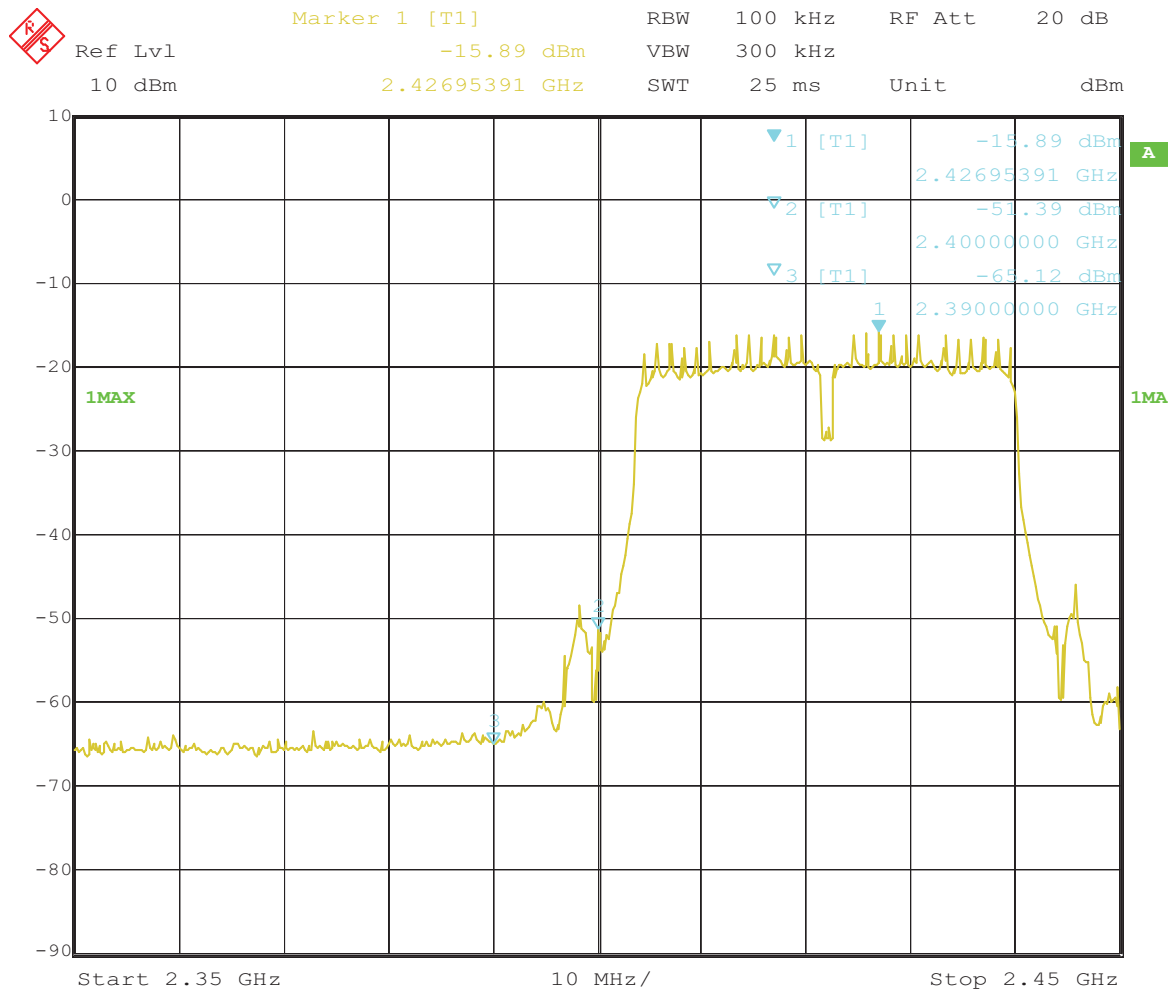
For 802.11n (HT40) mode

CH01 at 150Mbps

#### 10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Model	MiTraveler 708	
Mode	Keeping Transmitting		Input Voltage	DC3.7V	
Temperature	24 deg. C,		Humidity	56% RH	
Test Result:	Pass		Detector	PK	
2400	PK (dBμV/m)	58.6		Limit	74(dBμV/m)
	AV (dBμV/m)	40.2			54(dBμV/m)
2390	PK (dBμV/m)	40.9		Limit	74(dBμV/m)
	AV (dBμV/m)	--			54(dBμV/m)

#### Test Figure:



Date: 11.APR.2015 16:13:19

Note: The Max. FS in Restrict Band are measured in conventional method.

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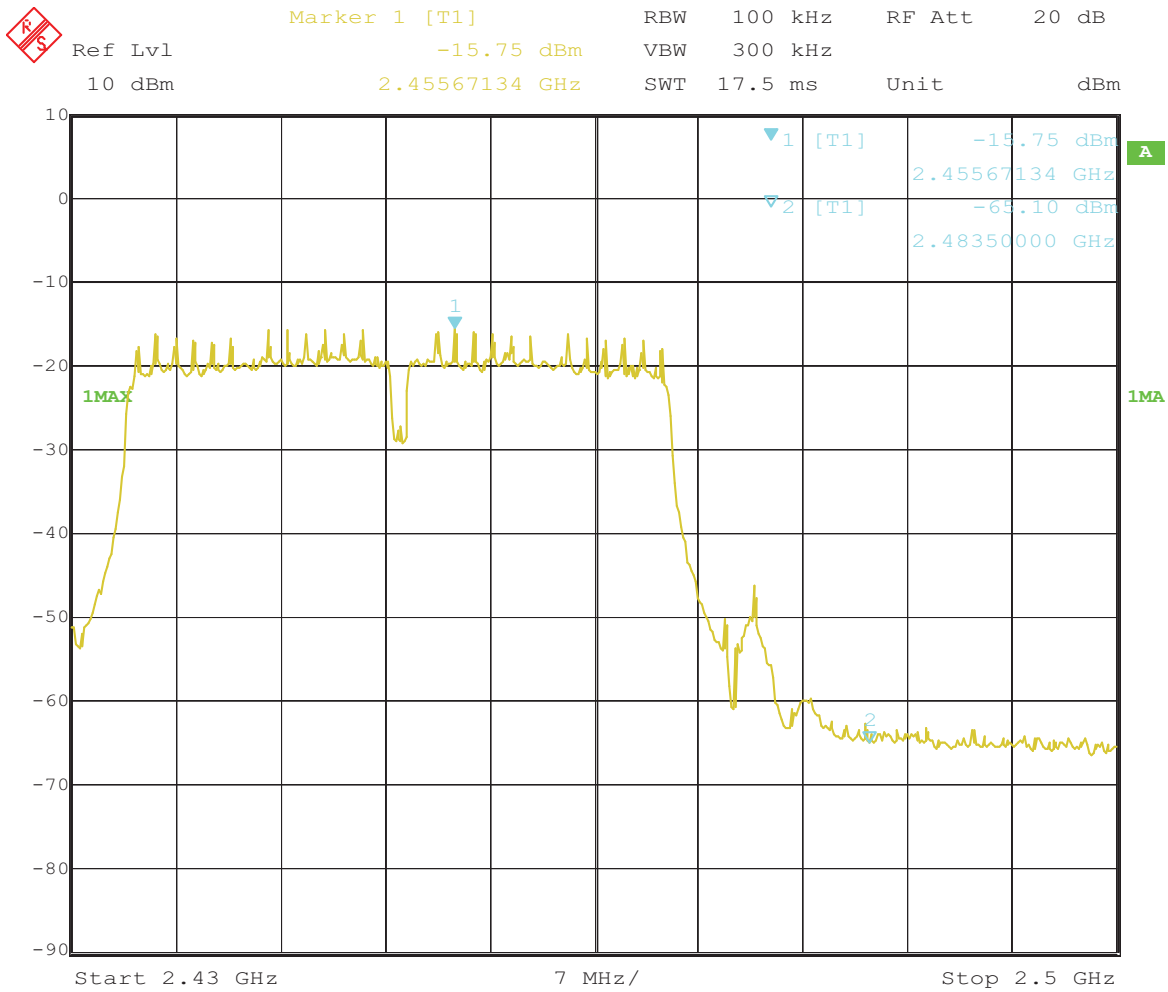


CH7 at 150Mbps

10.4 Band-edge and Restricted band Measurement

EUT	Tablet PC		Model	MiTraveler 708	
Mode	Keeping Transmitting		Input Voltage	DC3.7V	
Temperature	24 deg. C,		Humidity	56% RH	
Test Result:	Pass		Detector	PK	
2483.5	PK (dBμV/m)	49.8		Limit	74(dBμV/m)
	AV (dBμV/m)	--			54(dBμV/m)

Test Figure:



Date: 11.APR.2015 16:14:45

Note: The Max. FS in Restrict Band are measured in conventional method.

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## **11.0 Antenna Requirement**

### **11.1 Standard Applicable**

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.247 (b), if transmitter antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

### **11.2 Antenna Connected construction**

Integral antennas used. The maximum Gain of each antenna is 1.0 dBi.

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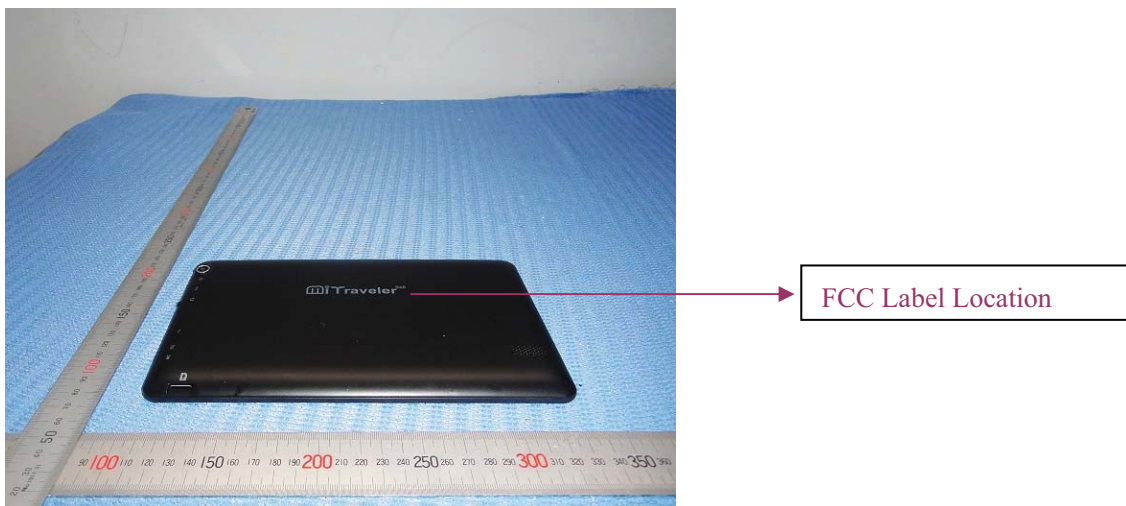
## 12.0 FCC Label

**FCC ID: 2AEJJ-JCBA9X**

**This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.**

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

### Mark Location:



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### 13.0 Photo of testing

Conducted Emission Test Setup:



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Radiated Emission Test Setup:



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### Photos of EUT



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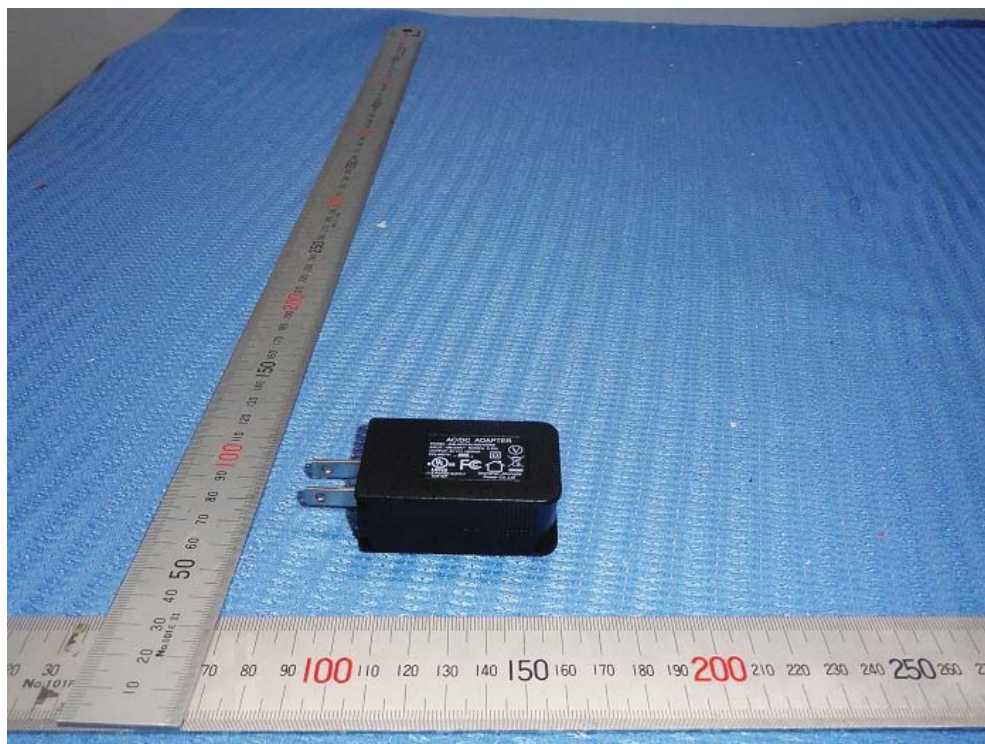
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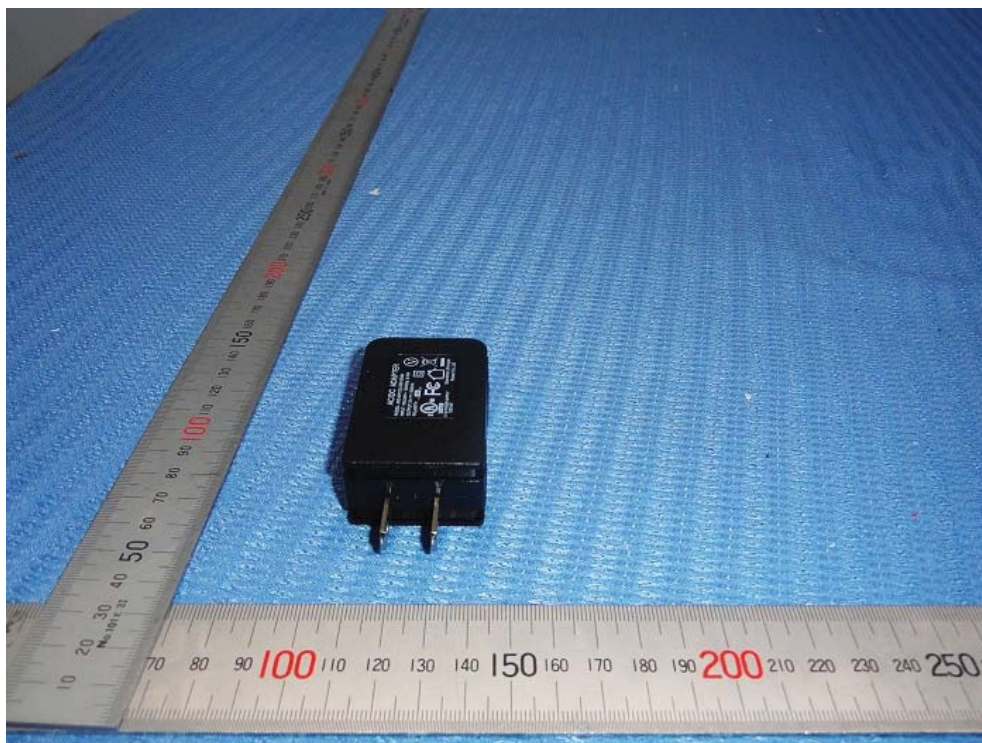
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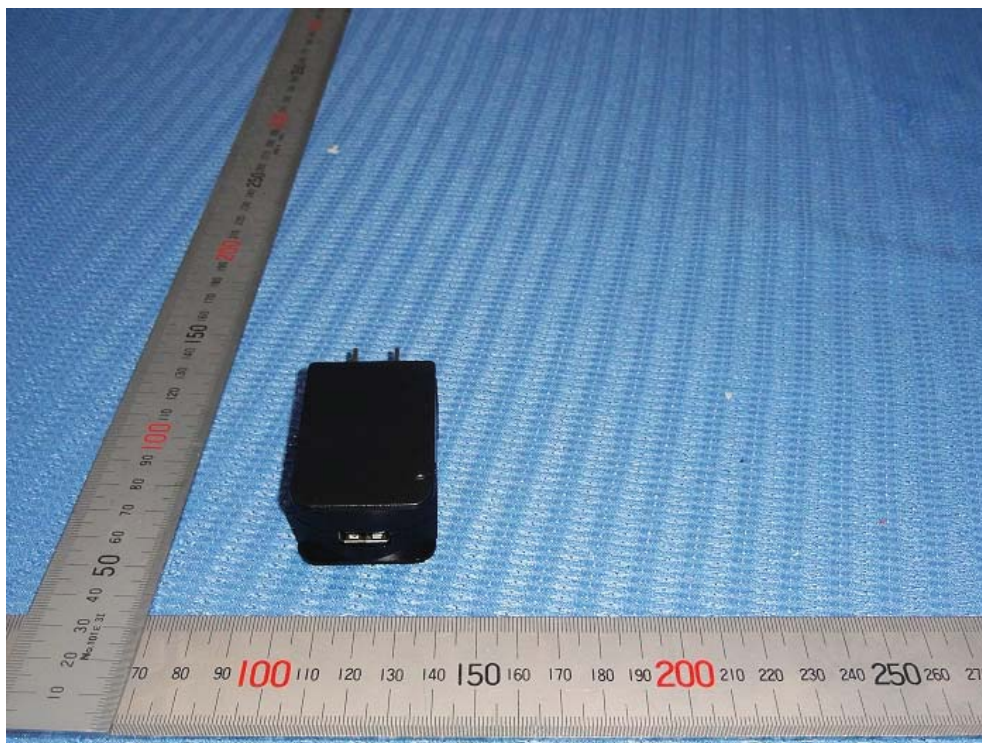
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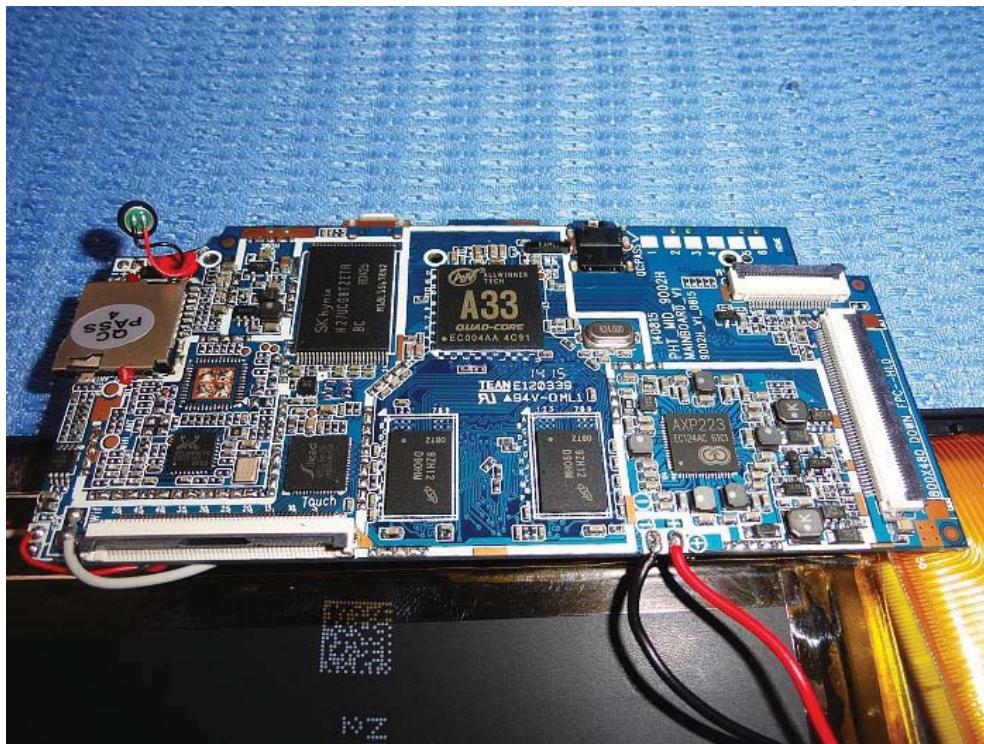
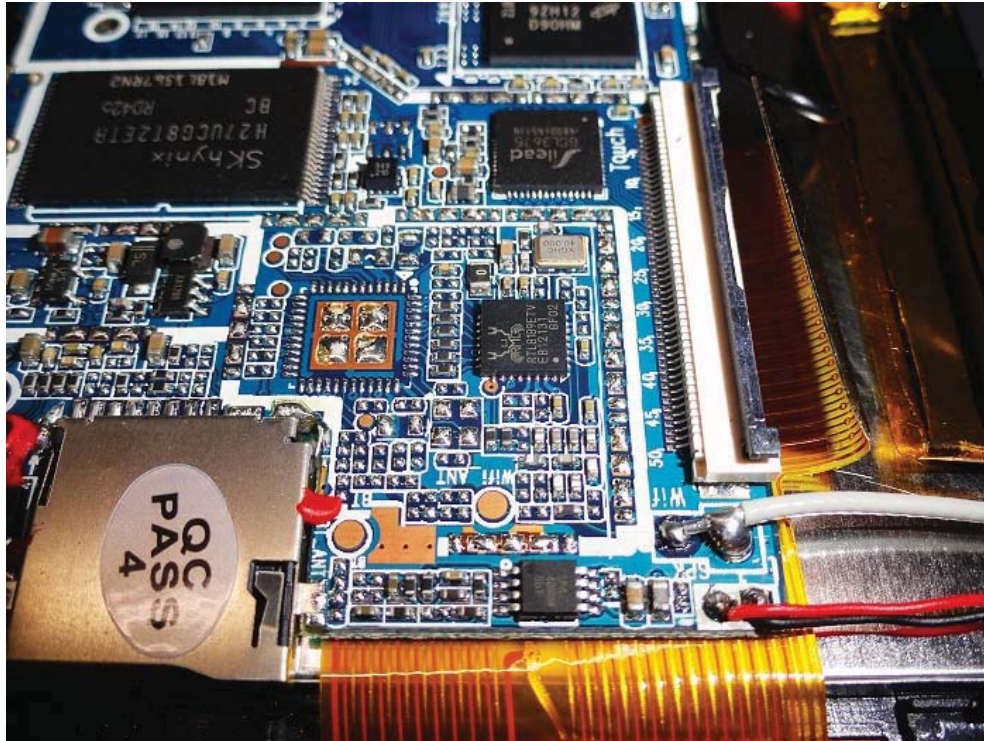
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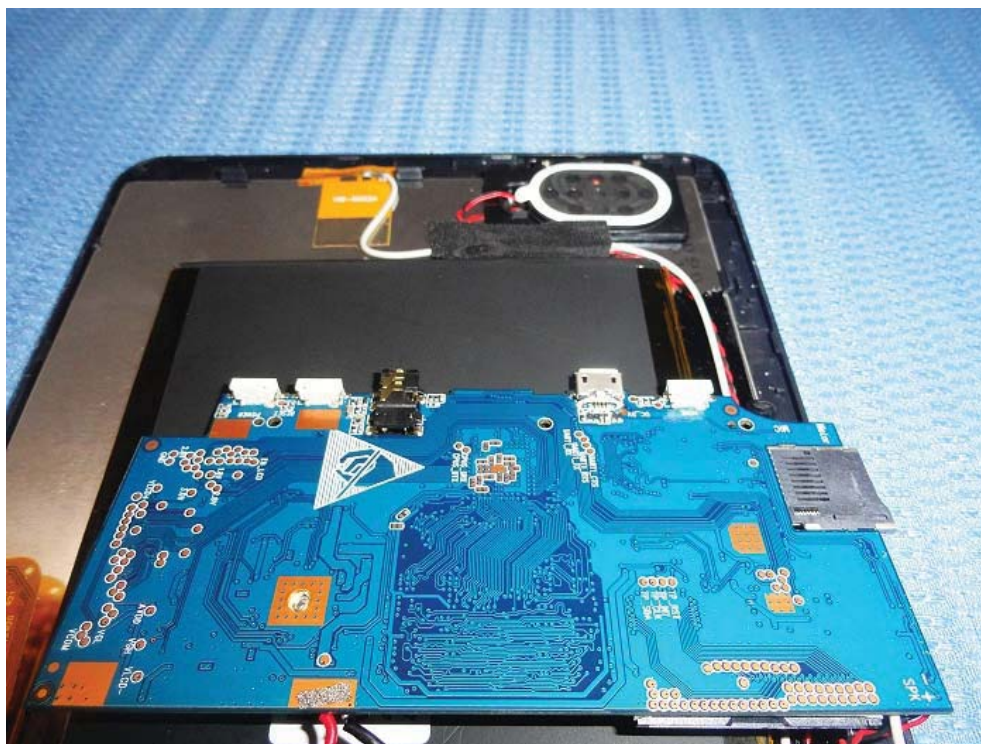
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### Photos of EUT



### End of the report

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