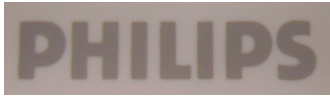


TEST REPORT

APPLICANT: FIMI S.r.l.
Via SAUL BANFI, 1 – 21047 SARONNO (VA) - ITALY
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EUT DESCRIPTION 12" LCD ProScribe Xper Module Intel Atom

EUT TRADEMARK 

EUT MODEL CMPD12CV-A

SERIAL NUMBER 1DAEVTQGZZO-A00008

REFERENCE STANDARDS : FCC 47 CFR Part 15 Subpart C
§ 15.207; § 15.209; § 15.247 (see note in par 2.2)

TEST REPORT NUMBER FCCTR_111477-3

TEST REPORT ISSUE DATE 12/03/2012

TESTING LABORATORY Prima Ricerca & Sviluppo S.r.l.
Via Campagna, 92 -22020 Faloppio (Co) –Italy

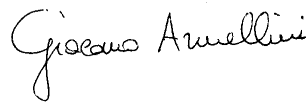
TESTING LOCATION As Above

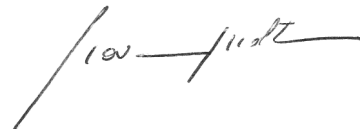
DATE OF TEST SAMPLE RECEIPT 02/12/2011

DATE OF TEST 02/12/2011 – 01/02/12

TESTED BY Giacomo Armellini

APPROVED BY Giovanni Molteni





The test results reported in this test report shall refer only to the sample actually tested and shall not refer or be deemed to refer to bulk from which such a sample may be said to have been obtained. Reproduction of this Test Report, should not be reproduced, except in full, without the written authorization of the Laboratory

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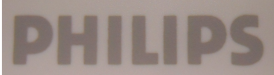
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1. RELEASE CONTROL RECORD

TEST REPORT NUMBER	REASON OF CHANGE	DATE OF ISSUE
FCCTR_111477-0	Original Release	23/12/2011
FCCTR_111477-1	Corrected of typical use definition	23/01/2011
FCCTR_111477-2	Added new test on radiated spurious emissions	10/02/2012
FCCTR_111477-3	Added list of equipment used	12/03/2012

2. TECHNICAL INFORMATION OF EQUIPMENT UNDER TEST (EUT)

2.1 E.U.T. identification

Brand name:	
EUT description	12" LCD ProScribe Xper Module Intel Atom
Model name	CMPD12CV-A
Serial Number	1DAEVTQGZZO-A00008
Country of manufacturer:	ITALY
FCC ID (Product)	GZM802161
Wi-Fi module	AW-NE139H IEEE 802.11b/g/n Wi-Fi Half Mini Card AW-NE139H module adopts Realtek RTL8188CE-VL solution. The module design is based on the Realtek RTL8188CE-VL solution

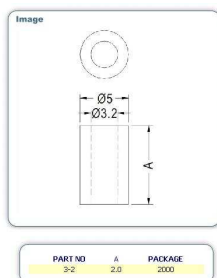
2.2 Technical data

FCC class:	Intentional radiators
Supply voltage:	24Vdc – 1A
Typical usage :	Wireless smart display, released with Windows Embedded Standard (WES), designed for medical applications
EUT single or system:	Single
Composed by	Single unit
EUT dimensions :	See photographic documentation

2.3 Modifications incorporated in E.U.T.

The following items are the modifications introduced in the equipment under test :

- **nylon ring placed into the microphone hole to increase the clearance distance the nylon ring dimensions are shown in the below picture**



2.4 Ports identification

This section contains descriptions of all ports, the length and the type of the cable provided by manufacturer needed for the tests. Moreover it is specified if the ports are ever or optionally connected.

Port		Description	Connection
1	Enclosure	Plastic case	Screws
2	AC power input/output ports	Port not present	---
3	DC power input/output ports	24Vdc	D_SUB9 connector *
4	Signal and control ports	Port not present	---
5	Telecomm. ports	LAN	D_SUB9 connector *
5	Antenna port	Port not present (internal antenna)	---

Note: During the tests all cables must be what provided the manufacturer or the same that used in the real employment of the EUT.

* DC, Telecommunication lines are put together into a single cable with D_SUB9 connectors

2.5 Auxiliary equipment

- Proscribe CV
- Keyboard DELL mod. R17D50
- Wireless Router BELKIN model F5D7230-4
- AC/DC Adapter Skynet electronic mod. SNP-A159

3. TEST CONDITIONS

3.1 Operating test modes and test conditions

The equipment has been tested according to the operative conditions described in the user/installation manual provided by the manufacturer and by following reference standards :
Reference Standard:

- FCC Part 15, Subpart C § 15.207; § 15.209; § 15.247

In the following table there are the operating conditions adopted during tests identified by an indicator (#..) at which has been referred the item “Operating condition of the equipment under test” of all technical sheets of the tests (see Section 4)

Operating condition	Description
#1	System switched ON, master test pattern, setup keyboard connected on docking station with USB ports, Ping with LAN e WLAN

3.2 Test overview

The appliance is classified as “*intentional radiator*” in conformity to FCC Part 15 Sub. B
The application is mainly used as wireless smart display, released with Windows Embedded Standard (WES), designed for medical applications.

Note :

For the compliance to § 15.247 requirements, the host product Model CMPD12CV-A contains the RF component Realtek Mod. RTL8188CE 802.11b/g/n RTL8188CE miniCard integrated by the host product Manufacturer according to the RF module Manufacturer instructions. That module was authorized by FCC with the grant of certification the according to 47 CFR FCC Part 15 Subpart C (see Report No. RF981230H01Z issued by Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Hsin Chu Laboratory on Nov. 09, 2011) so the EUT does not require additional testing,

4. REFERENCE STANDARD FOR PERFORMED TESTS

Reference standard :	Title :
FCC Part 15 part A	Code of Regulations Part 15 (Radio Frequency Devices), Subpart A (General) of the Federal Communication Commission (FCC)
FCC Part 15 part C	Code of Regulations Part 15 (Radio Frequency Devices), Subpart C (Intentional Radiators) of the Federal Communication Commission (FCC)
ANSI C63.4	American National Standard for Methods of Measuring of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz – 40 GHz

5. SUMMARY OF TEST RESULTS

5.1 Emission tests

Port		Phenomena	Basic standard	Operating condition ¹	Result
1	Enclosure	Radiated Emissions	FCC Part 15 § 15.209, § 15.247(d)	#1	Within the limit
2	AC mains Input ports	RF Disturbance voltage: • continuous	FCC Part 15 § 15.207	#1	Within the limit

¹ Ref. Tab. of Section 2

6. TEST RESULTS

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**TEST
1.**

**EMISSION OF MAINS TERMINAL DISTURBANCE VOLTAGE
(CONTINUOUS DISTURBANCE)**

**REFERENCE
DOCUMENT**

FCC47CFR Part 15

- **TEST SETUP:** According to reference standard
- **TEST LOCATION:** Semianechoic chamber
- **TEST EQUIPMENT USED FOR TEST:** EMI receiver Rohde & Schwarz Mod. ESU40
Artificial Network Rohde & Schwarz Mod. ESH3-Z5

- **TESTED PORT:** AC mains
- **FREQUENCY RANGE:** 0.15 - 30 MHz
- **EMISSION LIMITS:** Section 15.107 of Standard
- **MEASUREMENT UNCERTAINTY:** Total uncertainty (k=2) ± 2.5 dB

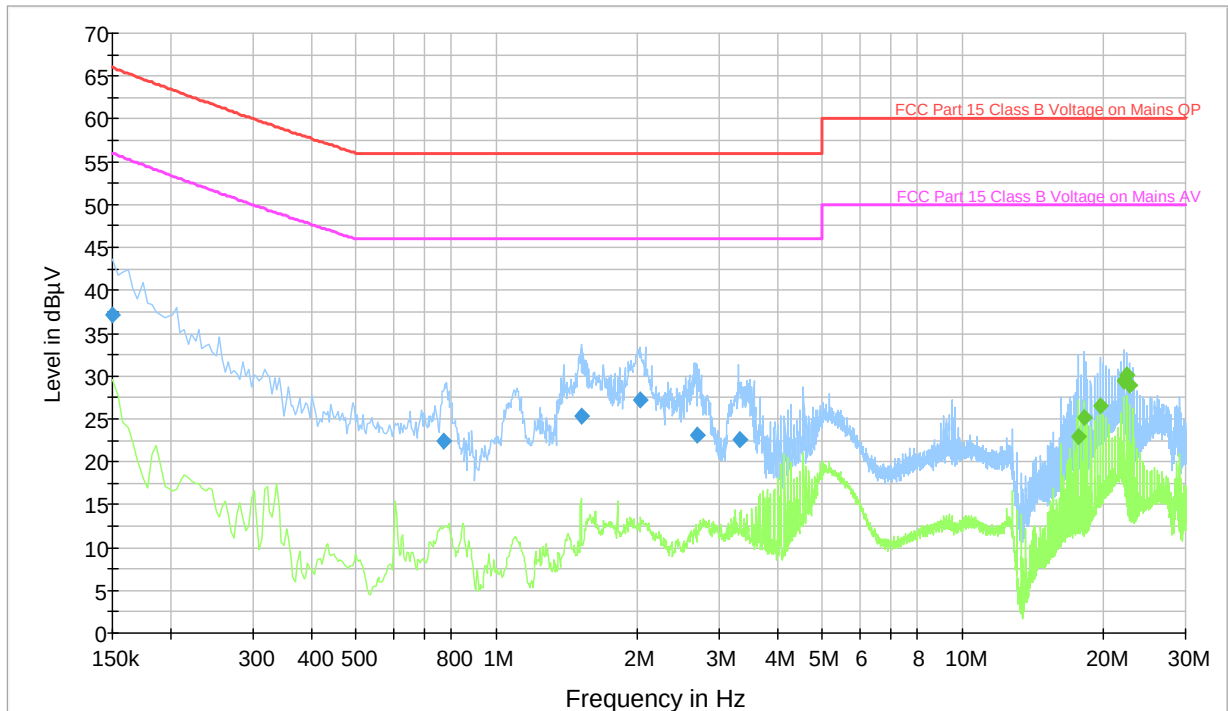
TEST CONDITIONS:		MEASURED
Ambient temperature :	15 - 35 °C	24 $\pm$ 3 °C
Ambient humidity :	25 - 75 %rH	38 $\pm$ 5 %rH
Pressure :	85 - 106 kPa (860 mbar - 1060 mbar)	975 $\pm$ 50 mbar
Voltage :		115Vac 60Hz

OPERATING CONDITION (Rif. Section. 2) : #1

RESULT: WITHIN THE LIMIT

L1

Voltage_with_2_Line_lisn_OSP



Final Result Quasi-Peak

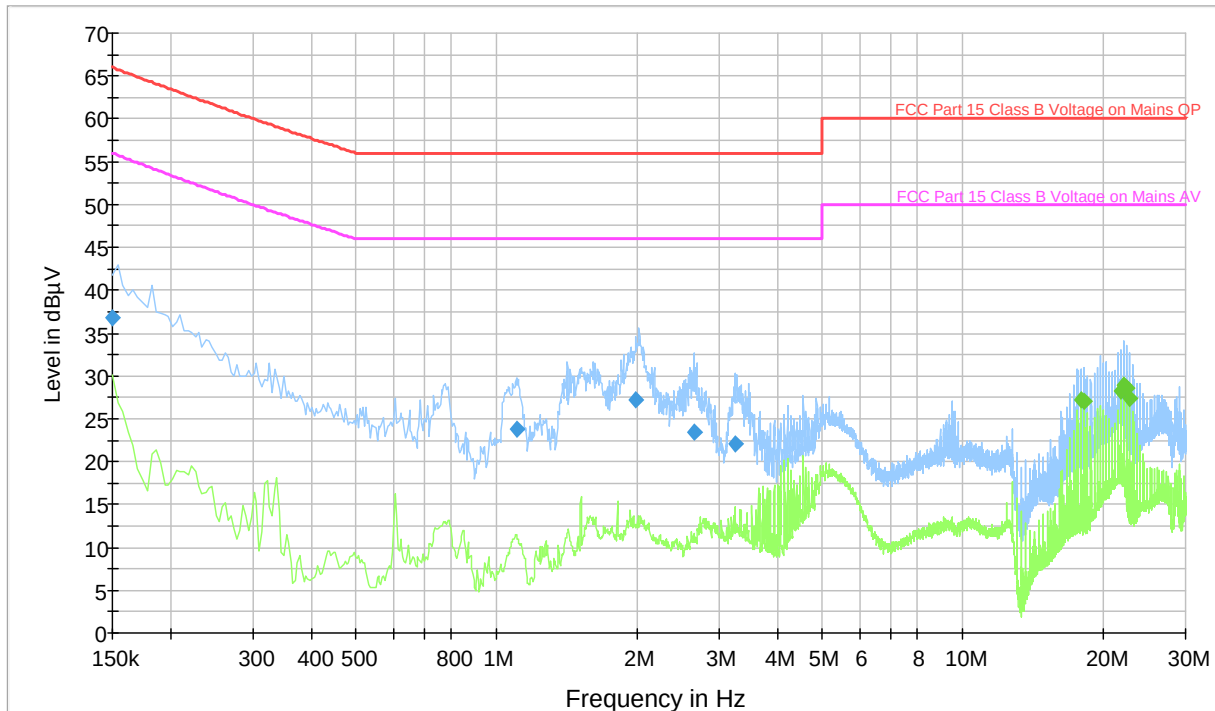
Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)	Comment
0.150000	37.1	1000.0	9.000	GN	L1	10.0	28.9	66.0	
0.768000	22.4	1000.0	9.000	GN	L1	10.1	33.6	56.0	
1.516000	25.3	1000.0	9.000	GN	L1	10.1	30.7	56.0	
2.028000	27.2	1000.0	9.000	GN	L1	10.2	28.8	56.0	
2.688000	23.0	1000.0	9.000	GN	L1	10.3	33.0	56.0	
3.324000	22.6	1000.0	9.000	GN	L1	10.3	33.4	56.0	

Final Result Average

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)	Comment
17.696000	22.9	1000.0	9.000	GN	L1	11.3	27.1	50.0	
18.244000	25.1	1000.0	9.000	GN	L1	11.3	24.9	50.0	
19.716000	26.6	1000.0	9.000	GN	L1	11.4	23.4	50.0	
22.144000	29.5	1000.0	9.000	GN	L1	11.5	20.5	50.0	
22.444000	30.1	1000.0	9.000	GN	L1	11.6	19.9	50.0	
22.748000	29.0	1000.0	9.000	GN	L1	11.6	21.0	50.0	

N

Voltage_with_2_Line_lisn_OSP



Final Result Quasi-Peak

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)	Comment
0.150000	36.8	1000.0	9.000	GN	N	10.0	29.2	66.0	
1.108000	23.8	1000.0	9.000	GN	N	10.1	32.2	56.0	
1.992000	27.1	1000.0	9.000	GN	N	10.2	28.9	56.0	
2.664000	23.5	1000.0	9.000	GN	N	10.2	32.5	56.0	
3.248000	22.1	1000.0	9.000	GN	N	10.2	33.9	56.0	
22.136000	28.4	1000.0	9.000	GN	N	11.2	31.6	60.0	

Final Result Average

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	PE	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)	Comment
17.896000	27.3	1000.0	9.000	GN	N	11.0	22.7	50.0	
18.200000	27.0	1000.0	9.000	GN	N	11.1	23.0	50.0	
21.840000	28.2	1000.0	9.000	GN	N	11.2	21.8	50.0	
22.144000	28.9	1000.0	9.000	GN	N	11.2	21.1	50.0	
22.444000	28.6	1000.0	9.000	GN	N	11.3	21.4	50.0	
22.748000	27.5	1000.0	9.000	GN	N	11.3	22.5	50.0	

**TEST
2.**

RADIATED SPURIOUS EMISSIONS

**REFERENCE
DOCUMENT**

FCC47CFR Part 15

- **TEST LOCATION:** Semi-anechoic chamber
- **TEST EQUIPMENT USED FOR TEST:** EMI receiver Rohde & Schwarz Mod. ESU40
Chase Antenna Mod. CBL 6111
Rohde & Schwarz Antenna Mod. HBL050
- **TESTED PORT:** Enclosure
- **EMISSION LIMITS:** Acc. to Section 15.109 of reference document
- **UNCERTAINTY OF MEASURE:** Combined uncertainty = ± 1.75 dB
Total uncertainty = $(k=2) \pm 3.5$ dB

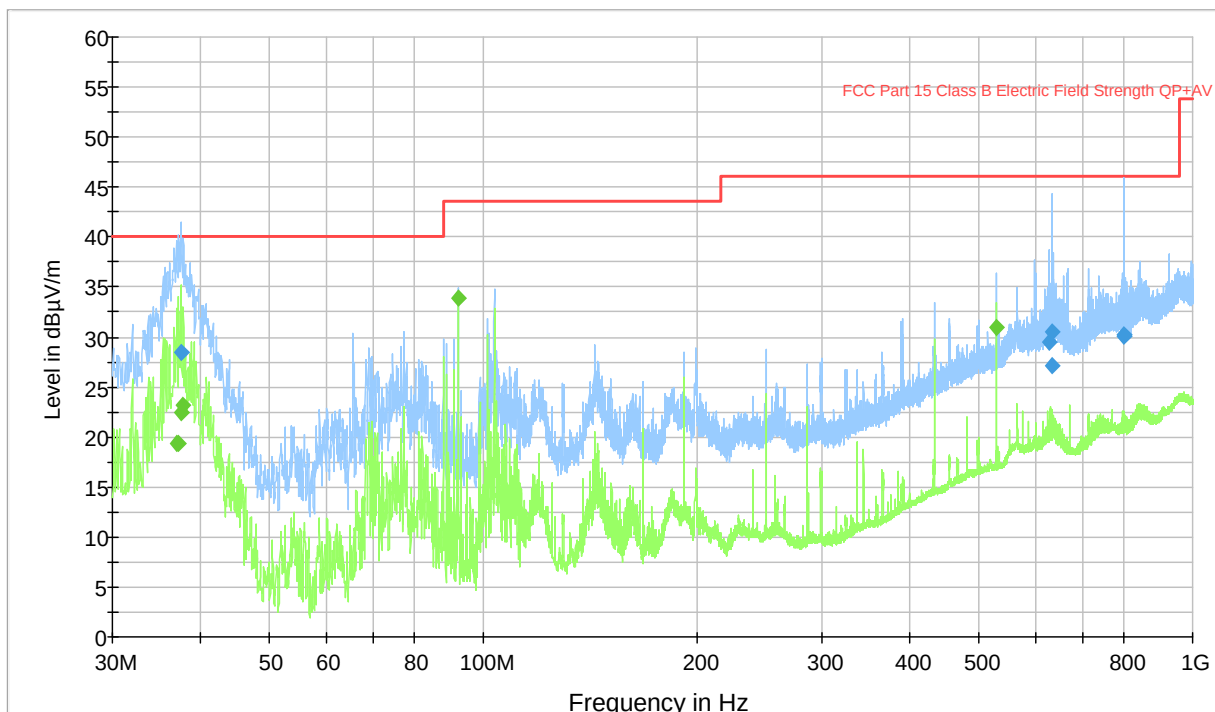
TEST CONDITIONS:		MEASURED
Ambient temperature :	15 - 35 °C	23,5 $\pm$ 3 °C
Ambient humidity :	25 - 75 %rH	39 $\pm$ 5 %rH
Pressure :	85 - 106 kPa (860 mbar - 1060 mbar)	950 $\pm$ 50 mbar
Voltage :		115Vac 60Hz

OPERATING CONDITION (Rif. Section. 2) : #1

RESULT: WITHIN THE LIMIT

Vertical polarization 30MHz – 1GHz (WORST CASE)

Electric Field Strength FCC_OSP



Final Result Quasi-Peak

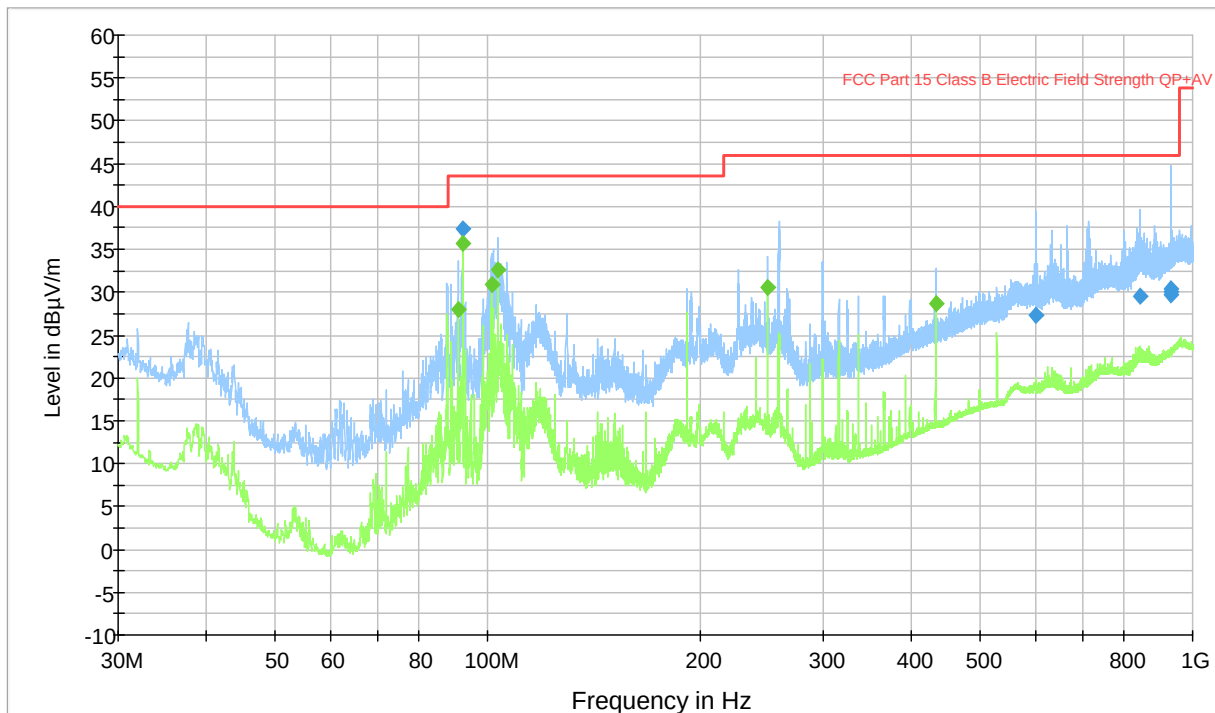
Frequency (MHz)	QuasiPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
37.440000	28.5	1000.0	120.000	100.0	V	88.0	15.7	11.5	40.0
628.040000	29.6	1000.0	120.000	100.0	V	67.0	24.2	16.4	46.0
632.040000	27.1	1000.0	120.000	220.0	V	66.0	24.2	18.9	46.0
632.360000	30.5	1000.0	120.000	175.0	V	21.0	24.2	15.5	46.0
799.400000	30.1	1000.0	120.000	124.0	V	15.0	26.0	15.9	46.0
800.240000	30.1	1000.0	120.000	120.0	V	7.0	26.0	15.9	46.0

Final Result Average

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Comment
37.000000	19.4	1000.0	120.000	100.0	V	0.0	15.9	
37.200000	19.3	1000.0	120.000	100.0	V	80.0	15.8	
37.480000	22.5	1000.0	120.000	100.0	V	111.0	15.7	
37.760000	23.2	1000.0	120.000	100.0	V	111.0	15.6	
92.200000	33.9	1000.0	120.000	159.0	V	172.0	10.3	
528.000000	31.0	1000.0	120.000	106.0	V	277.0	21.6	

Horizontal polarization 30MHz – 1GHz (WORST CASE)

Electric Field Strength FCC_OSP



Final Result Quasi-Peak

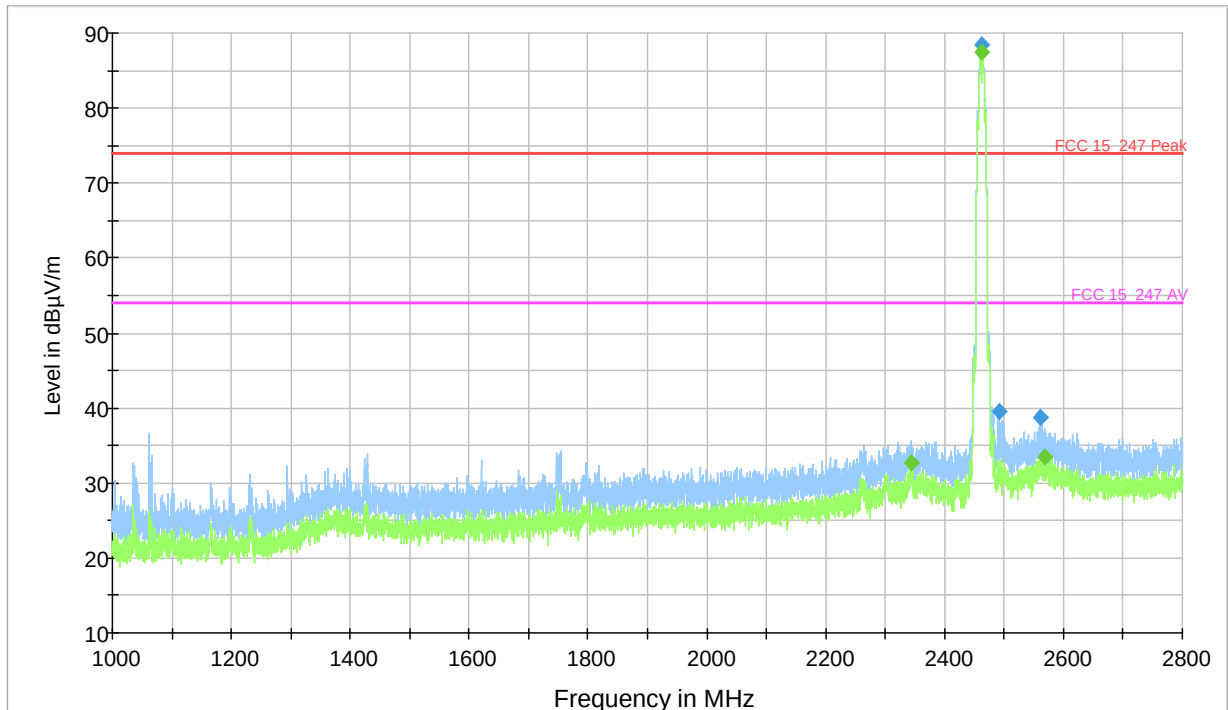
Frequency (MHz)	QuasiPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
92.160000	37.3	1000.0	120.000	298.0	H	293.0	10.3	6.2	43.5
599.880000	27.3	1000.0	120.000	120.0	H	293.0	23.3	18.7	46.0
840.720000	29.6	1000.0	120.000	299.0	H	112.0	27.4	16.4	46.0
929.000000	29.7	1000.0	120.000	290.0	H	90.0	28.4	16.3	46.0
929.360000	30.0	1000.0	120.000	271.0	H	280.0	28.4	16.0	46.0
932.400000	30.4	1000.0	120.000	175.0	H	68.0	28.5	15.6	46.0

Final Result Average

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Comment
90.880000	28.0	1000.0	120.000	252.0	H	293.0	10.2	
92.200000	35.7	1000.0	120.000	281.0	H	293.0	10.3	
101.400000	30.9	1000.0	120.000	309.0	H	271.0	11.5	
103.720000	32.7	1000.0	120.000	294.0	H	280.0	11.8	
250.040000	30.6	1000.0	120.000	115.0	H	270.0	14.6	
432.000000	28.8	1000.0	120.000	309.0	H	272.0	19.7	

802.11b – Ch11 – Vertical 1GHz – 2.8GHz (WORST CASE)

FCC_SWEEP_SPURIUS



Final Result 1

Frequency (MHz)	MaxPeak-ClearWrite (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
2462.500000	88.5	100.0	V	1.0	-1.4	-14.50	74.00
2491.120000	39.6	100.0	V	1.0	-1.2	34.40	74.00
2561.140000	38.7	100.0	V	1.0	-0.9	35.30	74.00

Final Result 2

Frequency (MHz)	Average-ClearWrite (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
2342.980000	32.6	100.0	V	1.0	-2.2	21.40	54.00
2462.860000	87.4	100.0	V	1.0	-1.4	-33.40	54.00
2567.980000	33.4	100.0	V	1.0	-0.9	20.60	54.00



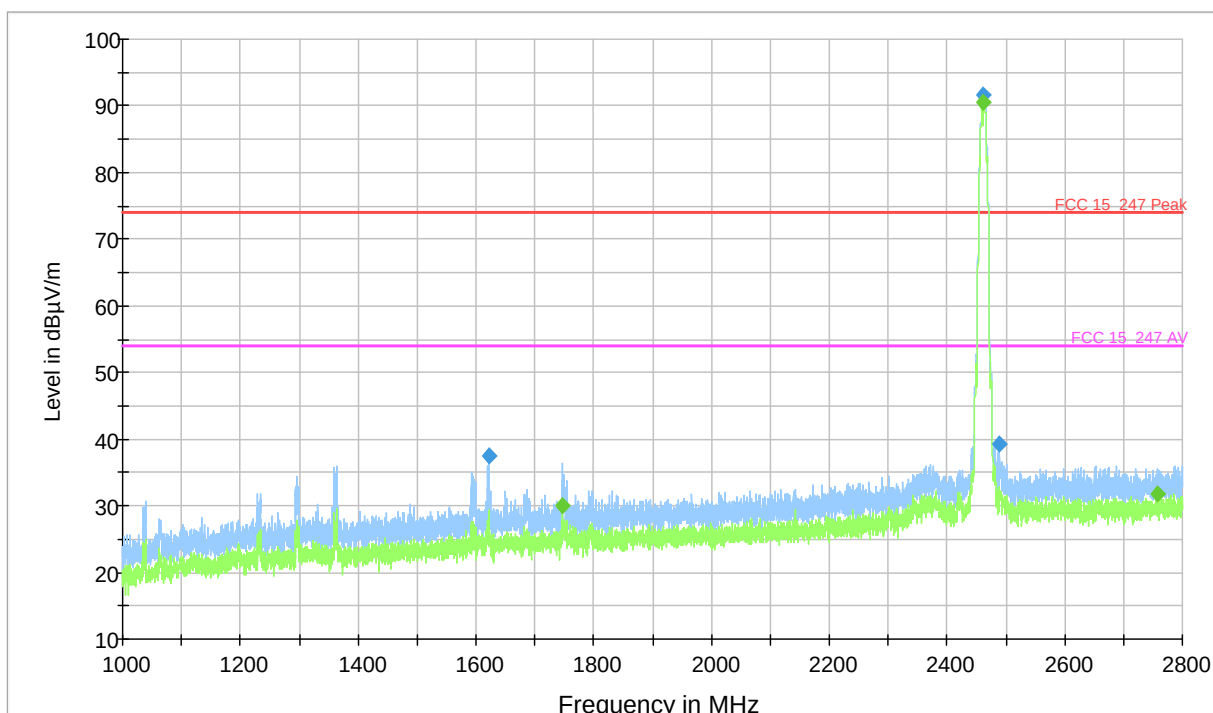
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FCCTR_111477-3

802.11b – Ch11 – Horizontal 1GHz – 2.8GHz (WORST CASE)

FCC_SWEEP_SPURIUS



Final Result 1

Frequency (MHz)	MaxPeak-ClearWrite (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
1622.980000	37.5	100.0	H	1.0	-6.5	36.50	74.00
2462.500000	91.6	100.0	H	1.0	-1.4	-17.60	74.00
2488.960000	39.3	100.0	H	1.0	-1.2	34.70	74.00

Final Result 2

Frequency (MHz)	Average-ClearWrite (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
1747.900000	29.9	100.0	H	1.0	-5.7	24.10	54.00
2461.240000	90.6	100.0	H	1.0	-1.4	-36.60	54.00
2757.520000	31.8	100.0	H	1.0	0.3	22.20	54.00



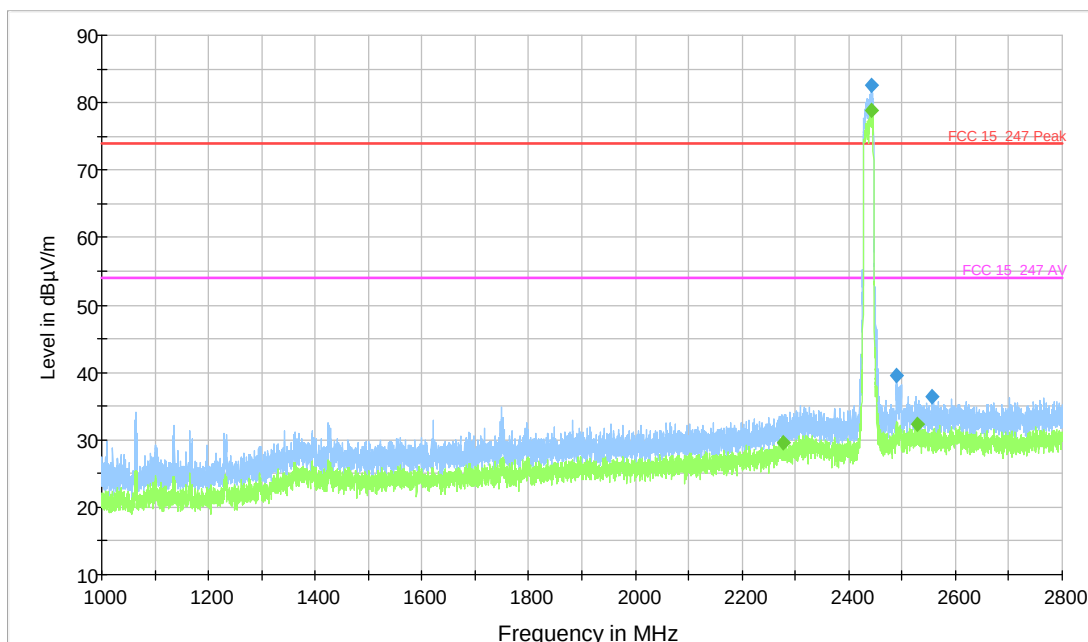
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FCCTR_111477-3

802.11g – Ch6 – Vertical 1GHz – 2.8GHz (WORST CASE)

FCC_SWEEP_SPURIUS



Final Result 1

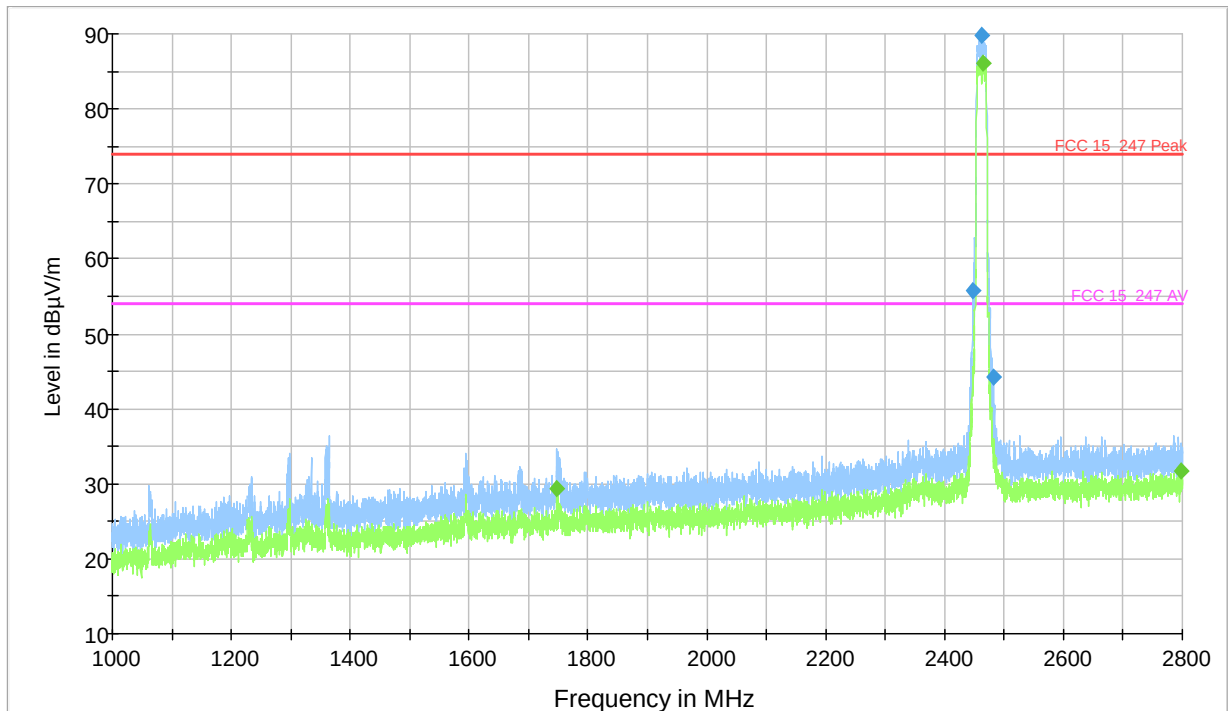
Frequency (MHz)	MaxPeak-ClearWrite (dBµV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
2441.620000	82.6	100.0	V	1.0	-1.5	-8.60	74.00
2489.320000	39.5	100.0	V	1.0	-1.2	34.50	74.00
2555.200000	36.5	100.0	V	1.0	-0.9	37.50	74.00

Final Result 2

Frequency (MHz)	Average-ClearWrite (dBµV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµV/m)
2278.000000	29.6	100.0	V	1.0	-2.5	24.40	54.00
2441.800000	78.9	100.0	V	1.0	-1.5	-24.90	54.00
2529.280000	32.3	100.0	V	1.0	-1.0	21.70	54.00

802.11g – Ch6 – Horizontal 1GHz – 2.8GHz (WORST CASE)

FCC_SWEEP_SPURIUS



Final Result 1

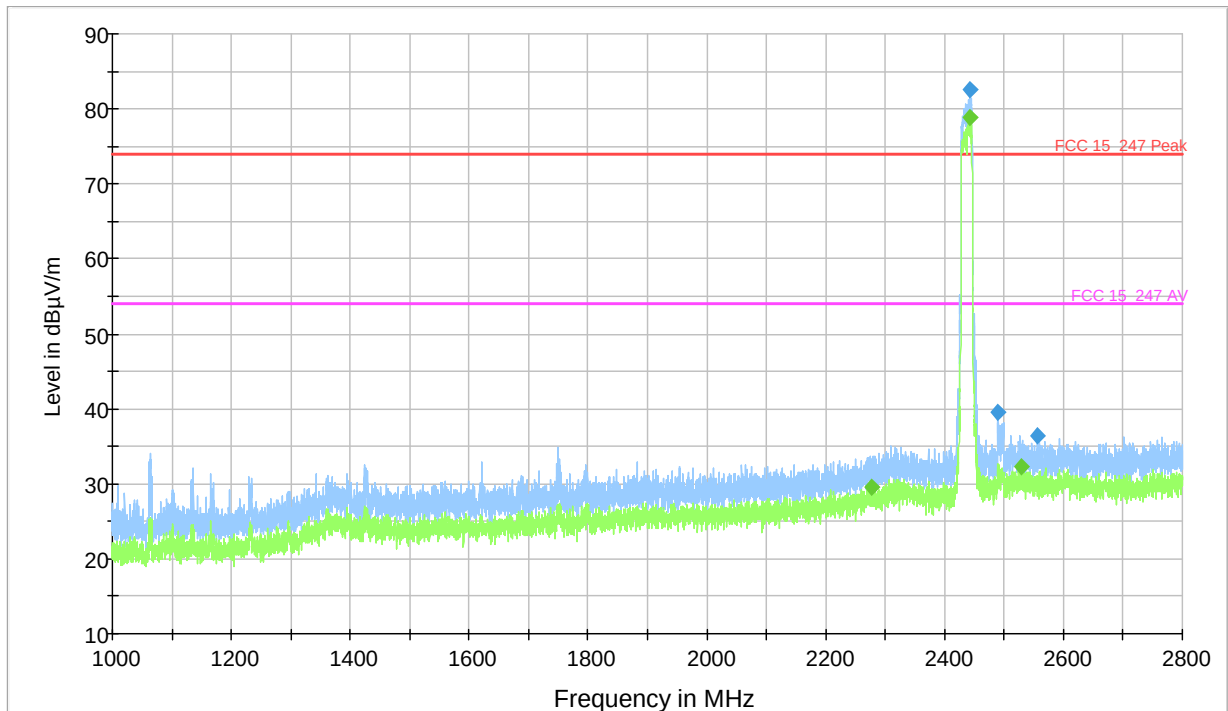
Frequency (MHz)	MaxPeak-ClearWrite (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
2448.280000	55.8	100.0	H	1.0	-1.4	18.20	74.00
2462.860000	89.7	100.0	H	1.0	-1.4	-15.70	74.00
2482.120000	44.3	100.0	H	1.0	-1.3	29.70	74.00

Final Result 2

Frequency (MHz)	Average-ClearWrite (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
1747.900000	29.5	100.0	H	1.0	-5.7	24.50	54.00
2465.380000	86.2	100.0	H	1.0	-1.4	-32.20	54.00
2797.120000	31.8	100.0	H	1.0	0.5	22.20	54.00

802.11n – 20M - Ch6 – Vertical 1GHz – 2.8GHz (WORST CASE)

FCC_SWEEP_SPURIUS



Final Result 1

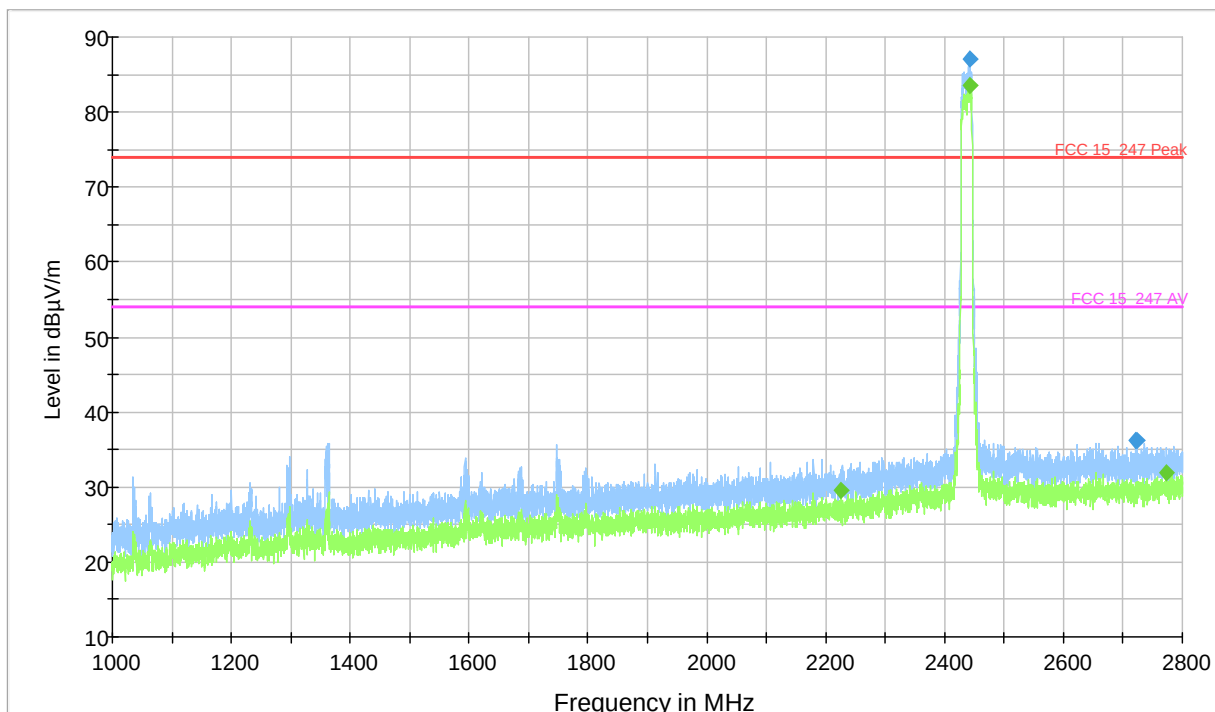
Frequency (MHz)	MaxPeak-ClearWrite (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
2441.620000	82.6	100.0	V	1.0	-1.5	-8.60	74.00
2489.320000	39.5	100.0	V	1.0	-1.2	34.50	74.00
2555.200000	36.5	100.0	V	1.0	-0.9	37.50	74.00

Final Result 2

Frequency (MHz)	Average-ClearWrite (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
2278.000000	29.6	100.0	V	1.0	-2.5	24.40	54.00
2441.800000	78.9	100.0	V	1.0	-1.5	-24.90	54.00
2529.280000	32.3	100.0	V	1.0	-1.0	21.70	54.00

802.11n – 20M - Ch6 – Horizontal 1GHz – 2.8GHz (WORST CASE)

FCC_SWEEP_SPURIUS



Final Result 1

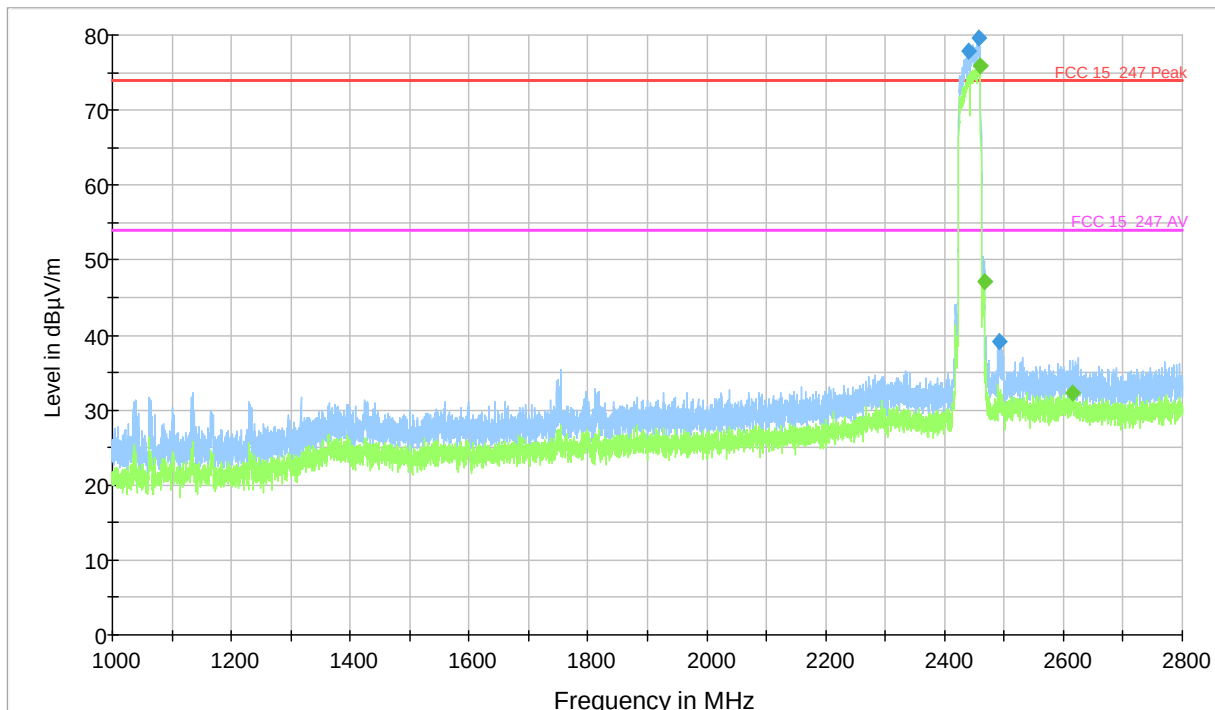
Frequency (MHz)	MaxPeak-ClearWrite (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
2441.260000	87.2	100.0	H	1.0	-1.5	-13.20	74.00
2721.160000	36.2	100.0	H	1.0	-0.1	37.80	74.00
2723.680000	36.2	100.0	H	1.0	0.0	37.80	74.00

Final Result 2

Frequency (MHz)	Average-ClearWrite (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
2225.980000	29.6	100.0	H	1.0	-2.9	24.40	54.00
2443.060000	83.5	100.0	H	1.0	-1.4	-29.50	54.00
2771.920000	31.9	100.0	H	1.0	0.4	22.10	54.00

802.11n – 40M – Ch7 – Vertical 1GHz – 2.8GHz (WORST CASE)

FCC_SWEEP_SPURIUS



Final Result 1

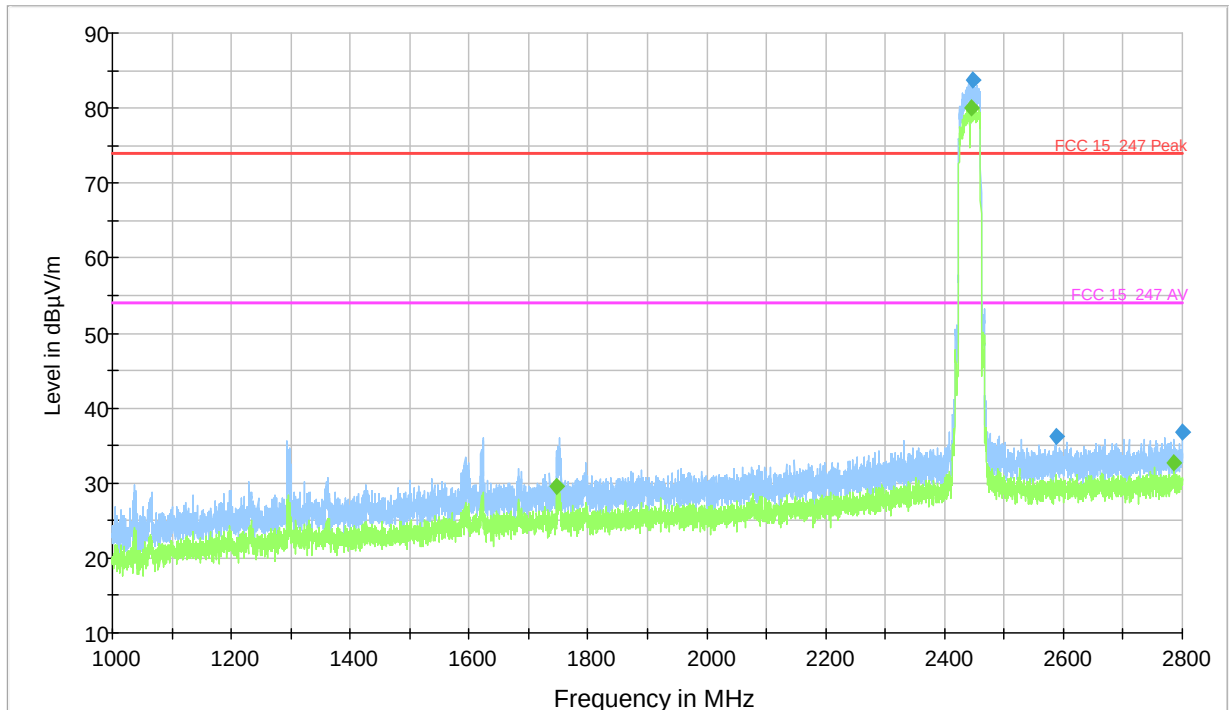
Frequency (MHz)	MaxPeak-ClearWrite (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
2440.360000	77.9	100.0	V	1.0	-1.5	-3.90	74.00
2457.280000	79.5	100.0	V	1.0	-1.4	-5.50	74.00
2490.760000	39.1	100.0	V	1.0	-1.2	34.90	74.00

Final Result 2

Frequency (MHz)	Average-ClearWrite (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
2458.900000	76.0	100.0	V	1.0	-1.4	-22.00	54.00
2465.920000	47.2	100.0	V	1.0	-1.3	6.80	54.00
2614.600000	32.3	100.0	V	1.0	-0.5	21.70	54.00

802.11n – 40M – Ch7 – Horizontal 1GHz – 2.8GHz (WORST CASE)

FCC_SWEEP_SPURIUS



Final Result 1

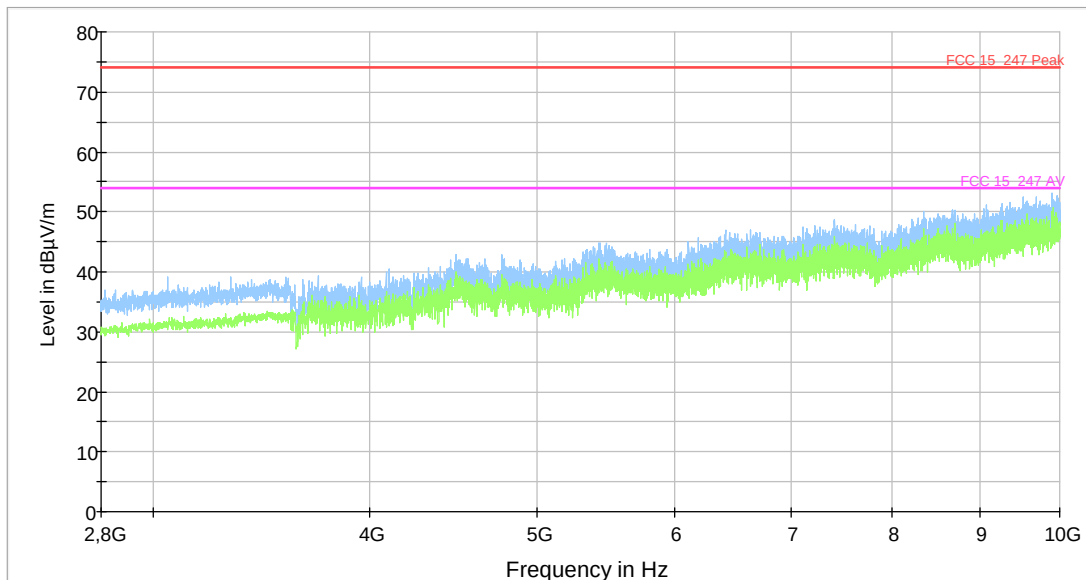
Frequency (MHz)	MaxPeak-ClearWrite (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
2447.740000	83.7	100.0	H	1.0	-1.4	-9.70	74.00
2588.860000	36.2	100.0	H	1.0	-0.6	37.80	74.00
2800.000000	36.8	100.0	H	1.0	0.5	37.20	74.00

Final Result 2

Frequency (MHz)	Average-ClearWrite (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)
1747.900000	29.5	100.0	H	1.0	-5.7	24.50	54.00
2445.040000	80.1	100.0	H	1.0	-1.4	-26.10	54.00
2785.600000	32.8	100.0	H	1.0	0.4	21.20	54.00

802.11b – Ch1 – Vertical 2.8GHz – 10GHz

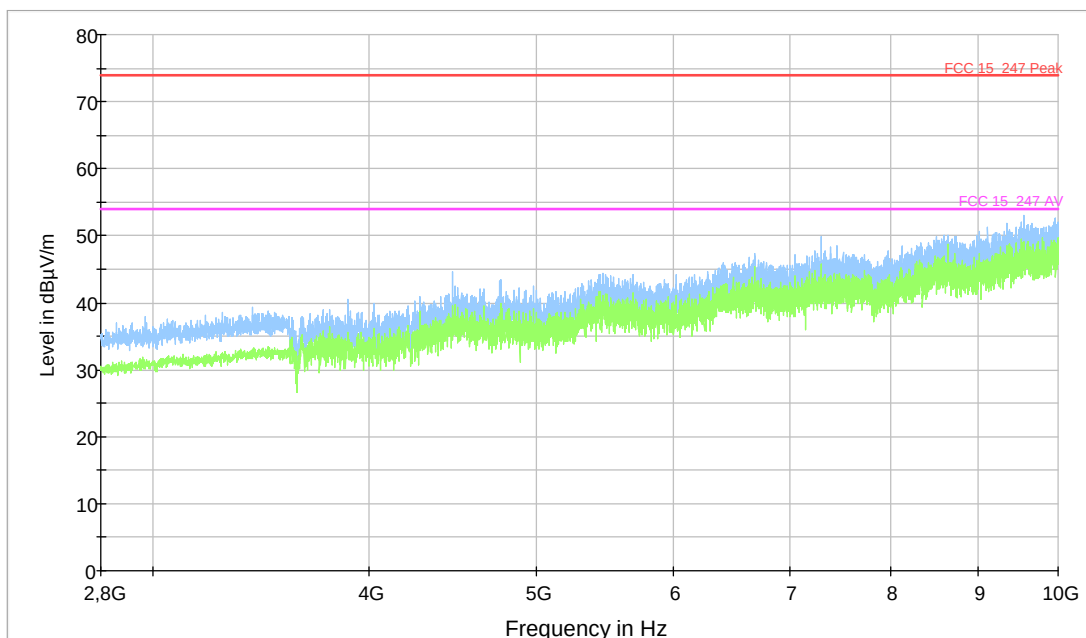
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11b – Ch1 – Horizontal 2.8GHz – 10GHz

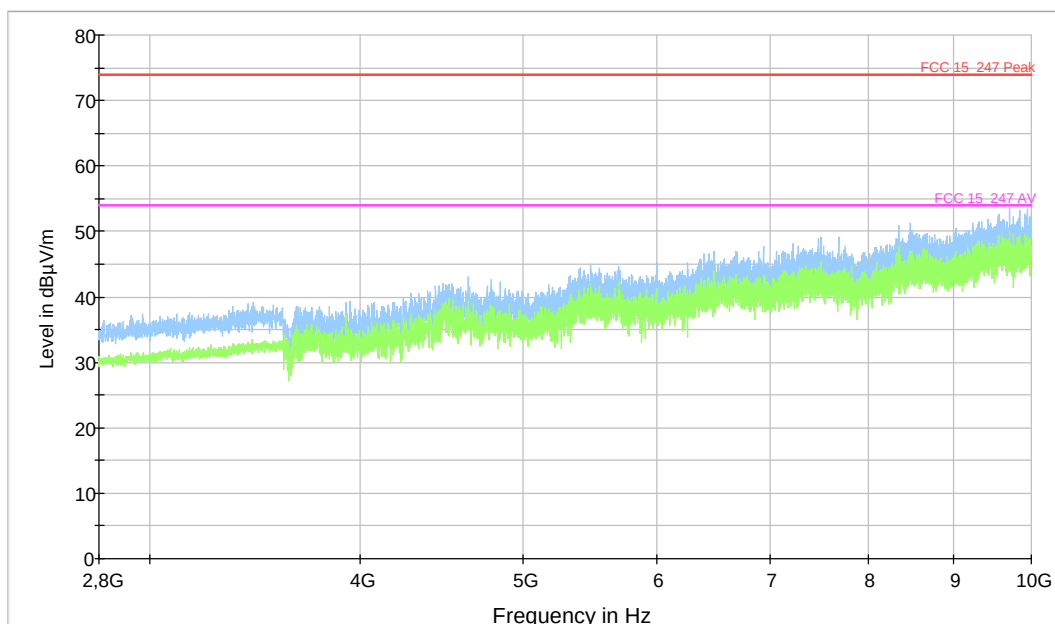
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11b – Ch6 – Vertical - 2.8GHz – 10GHz

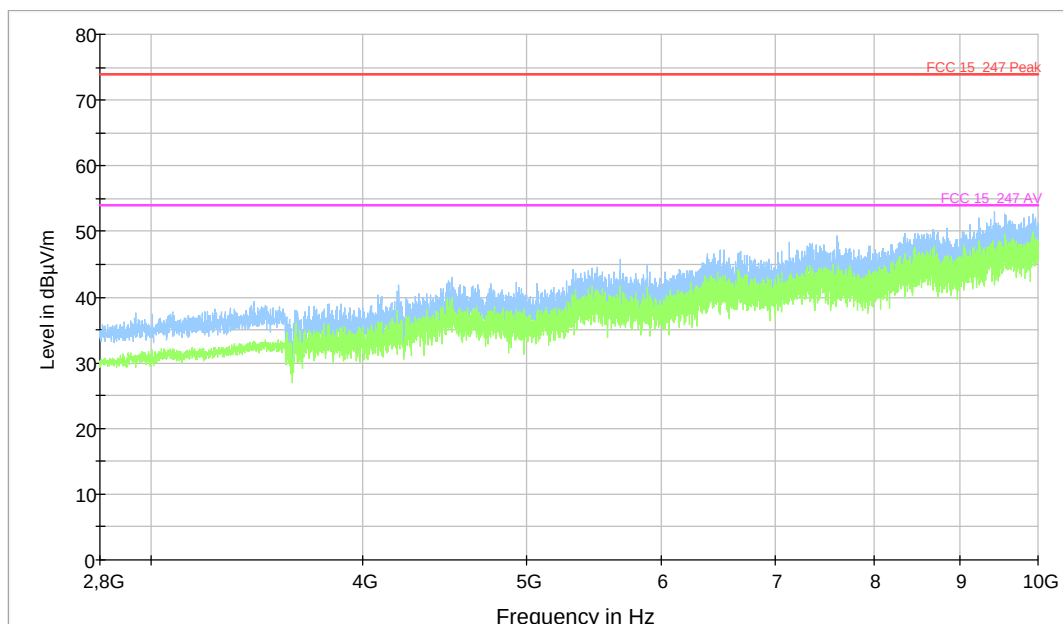
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11b – Ch6 – Horizontal - 2.8GHz – 10GHz

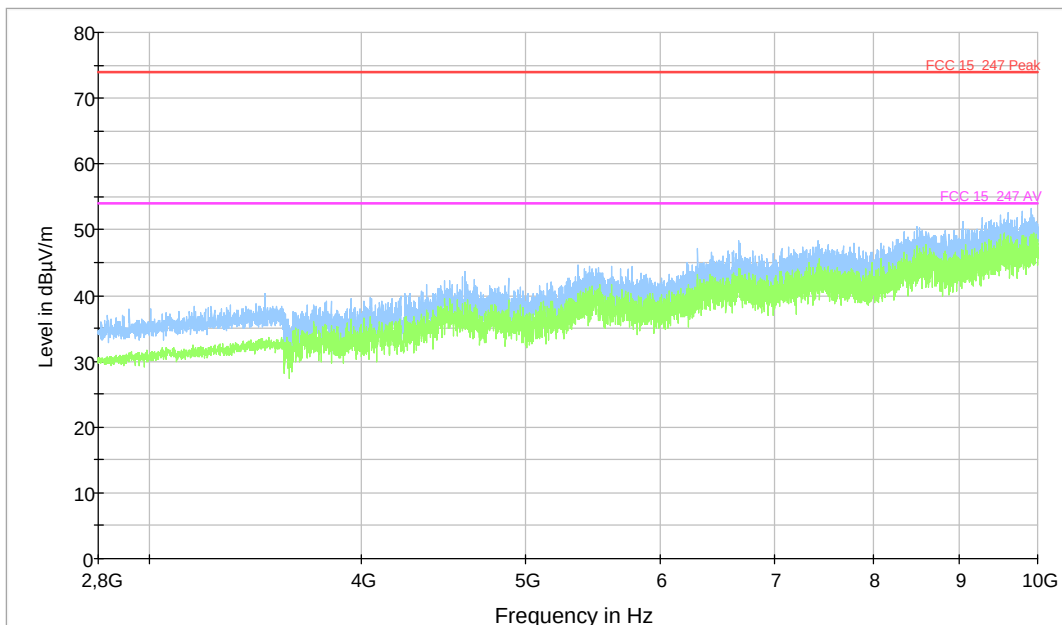
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11b – Ch13 – Vertical - 2.8GHz – 10GHz

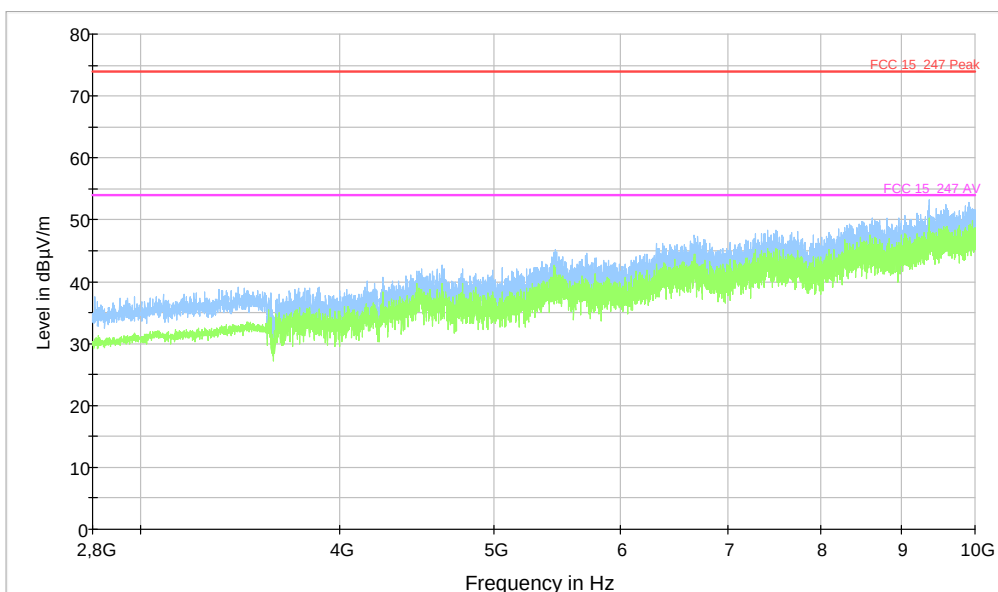
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11b – Ch13 – Horizontal - 2.8GHz – 10GHz

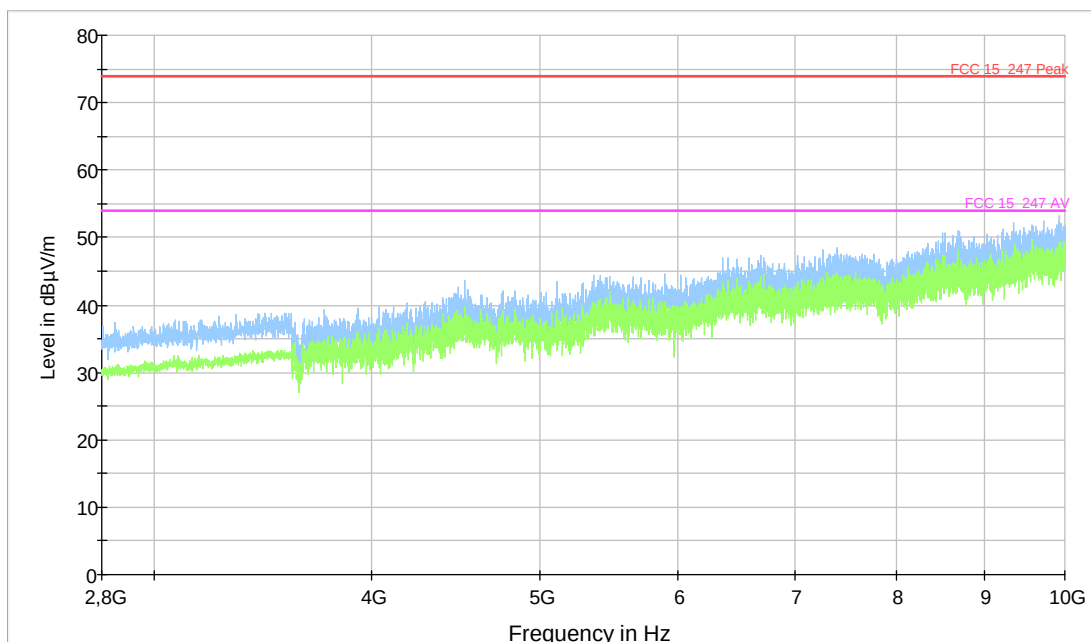
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11g – Ch1 – Vertical – 2.8GHz – 10GHz

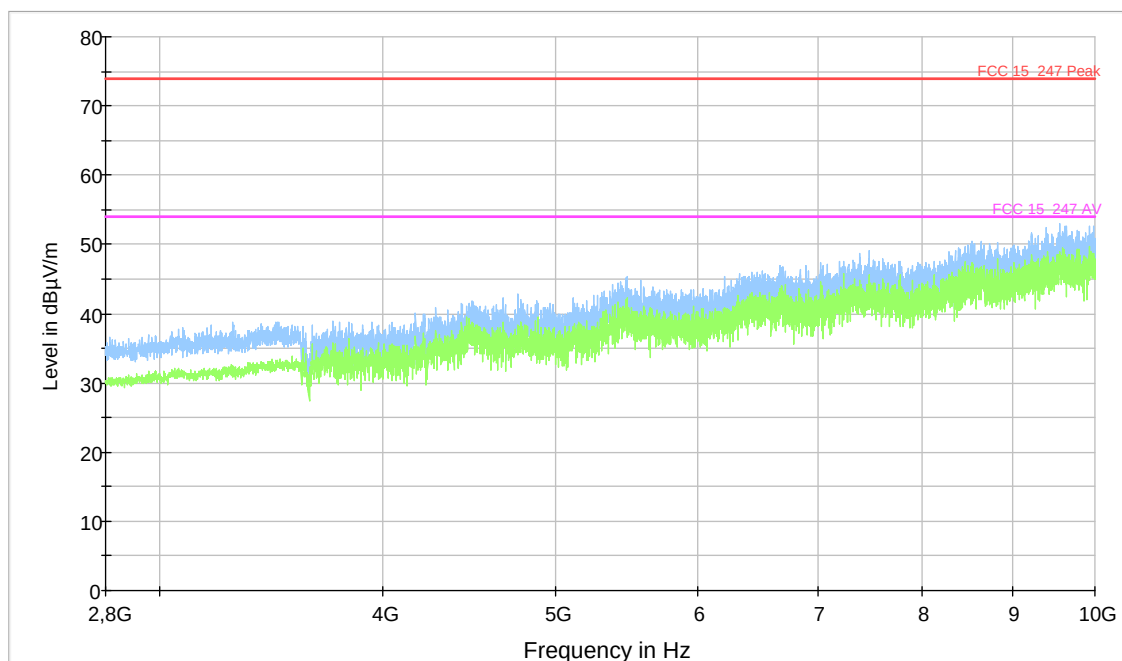
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11g – Ch1 – Horizontal – 2.8 – 10GHz

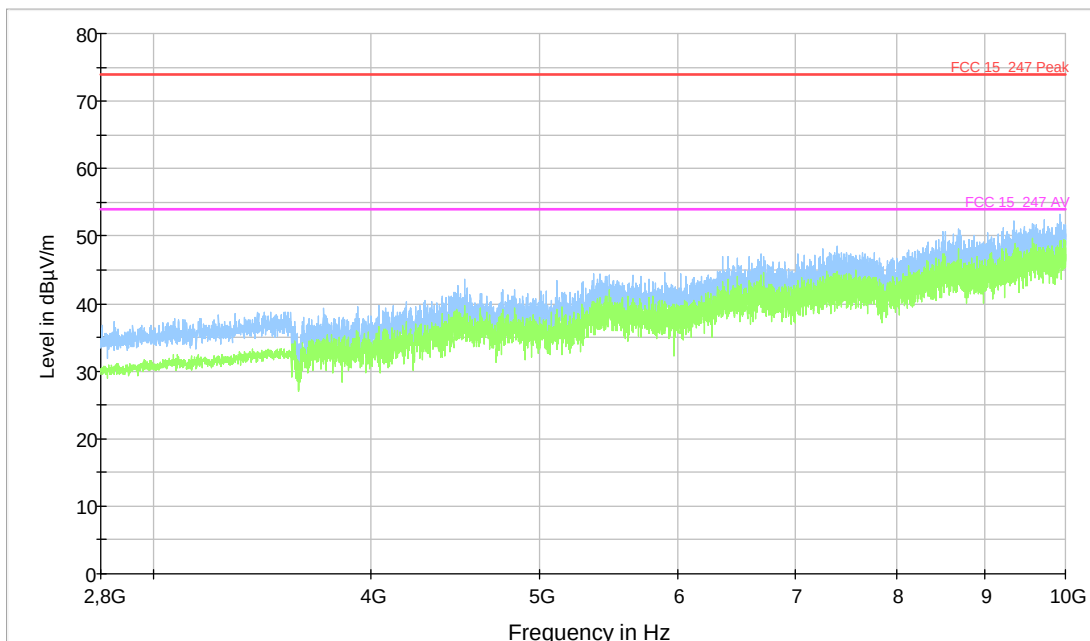
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11g – Ch6 – Vertical - 2.8 – 10GHz

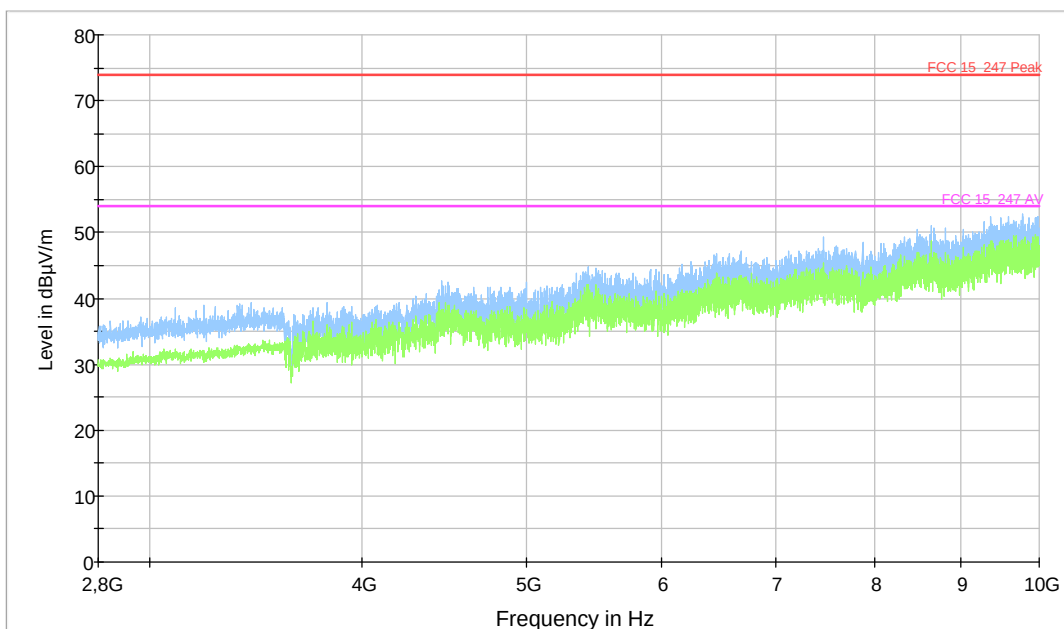
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11g – Ch6 – Horizontal - 2.8 – 10GHz

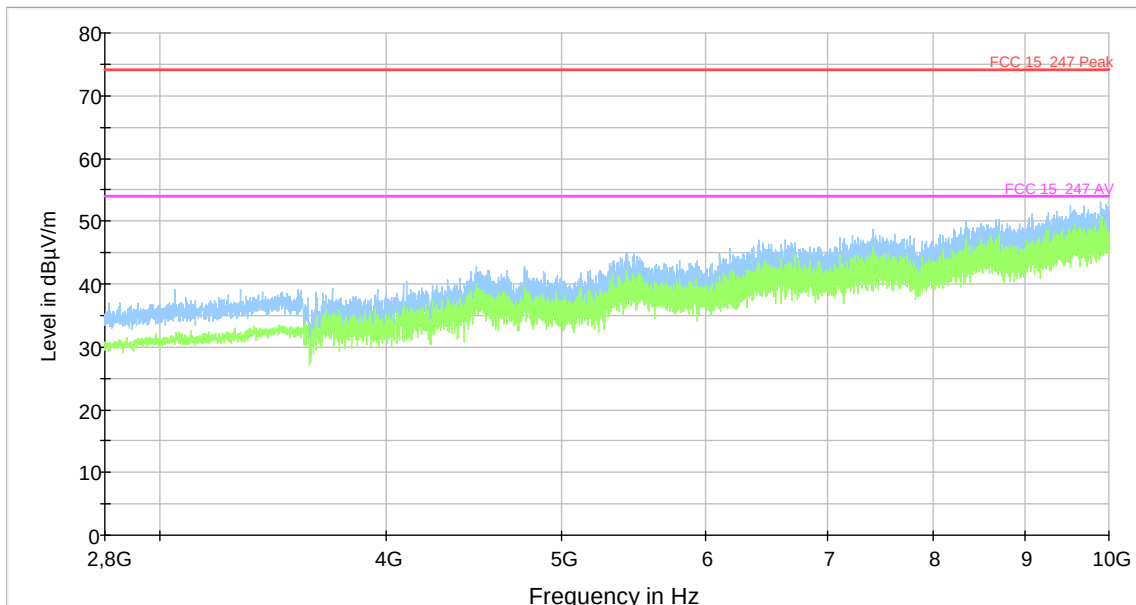
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11g – Ch13 – Vertical - 2.8 – 10GHz

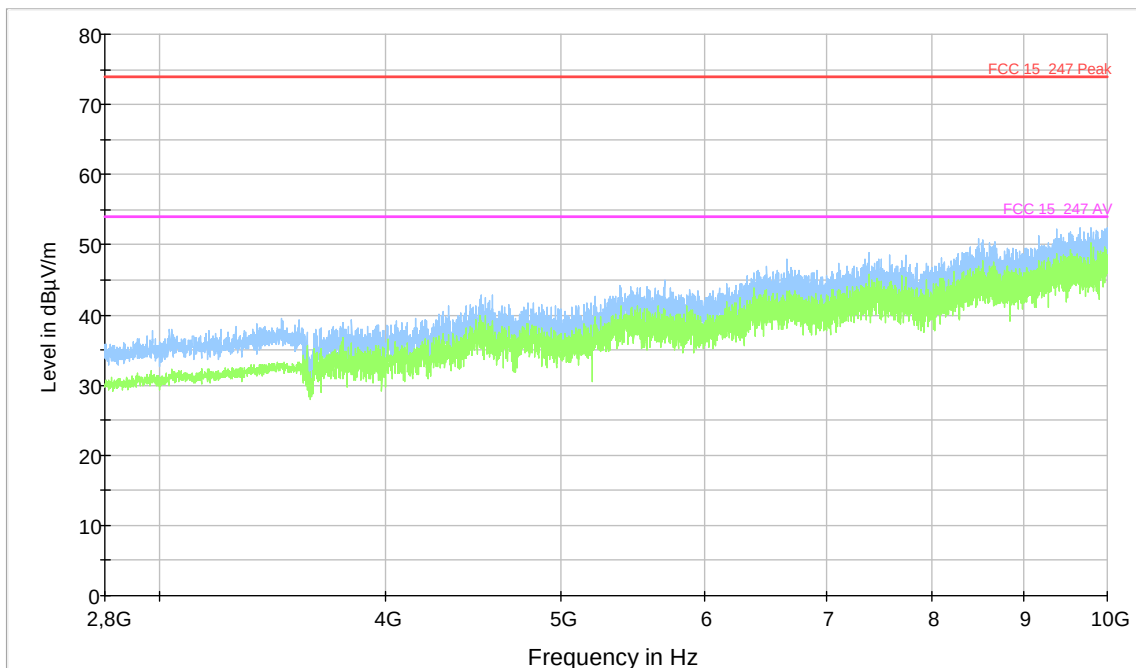
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11g – Ch13 – Horizontal - 2.8 – 10GHz

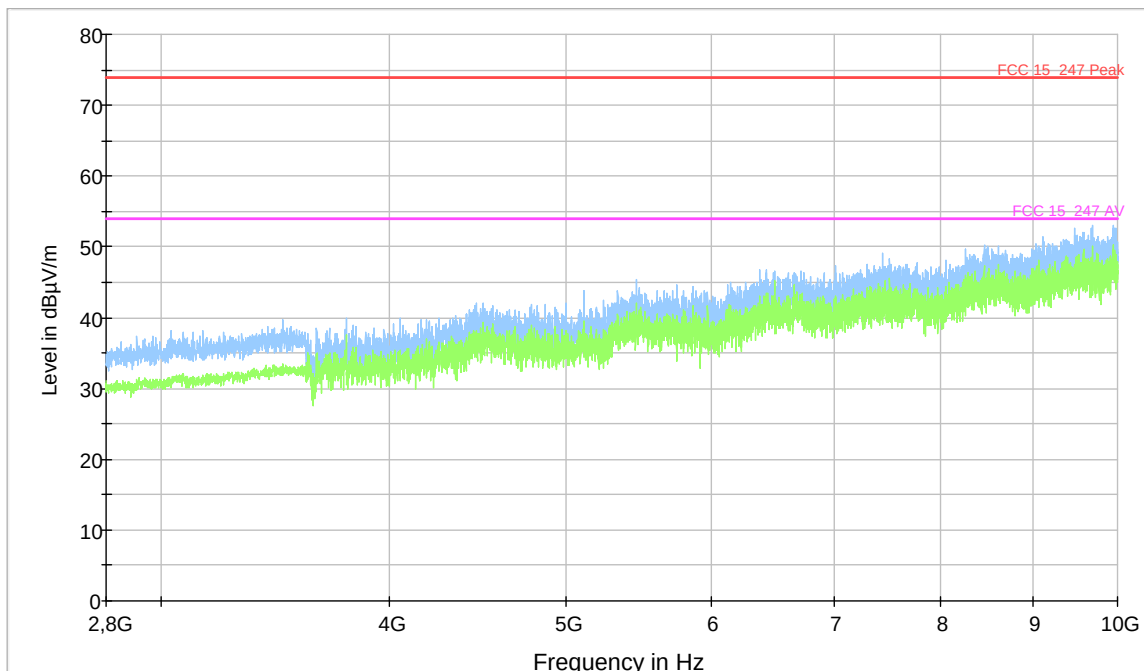
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11n – 20M - Ch1 – Vertical - 2.8 – 10GHz

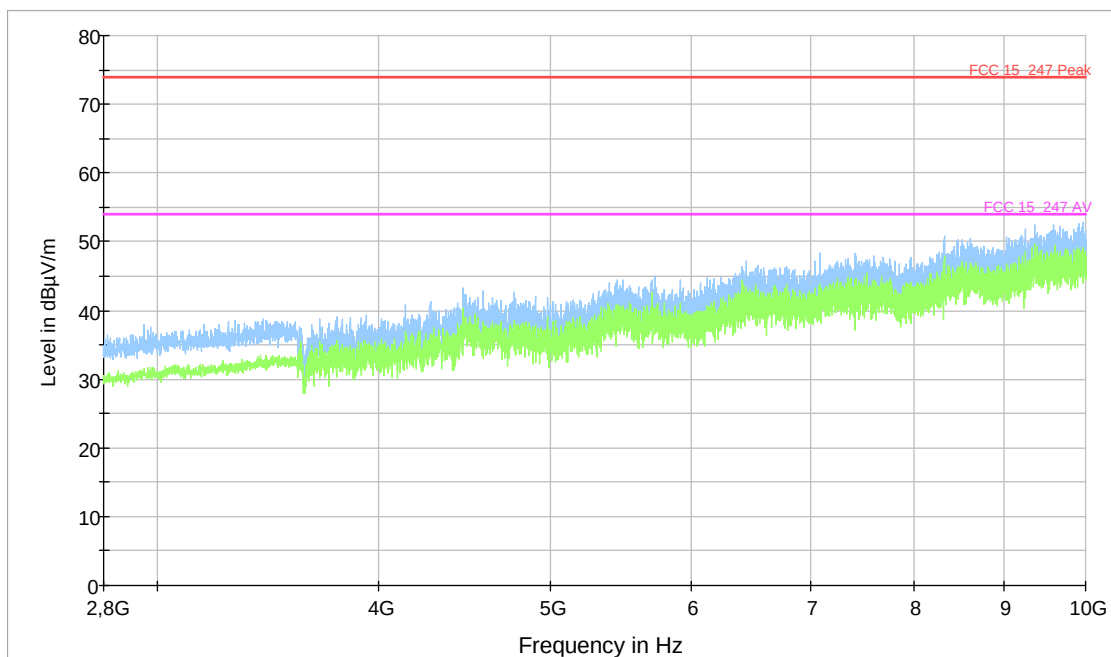
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11n – 20M - Ch1 – Horizontal - 2.8 – 10GHz

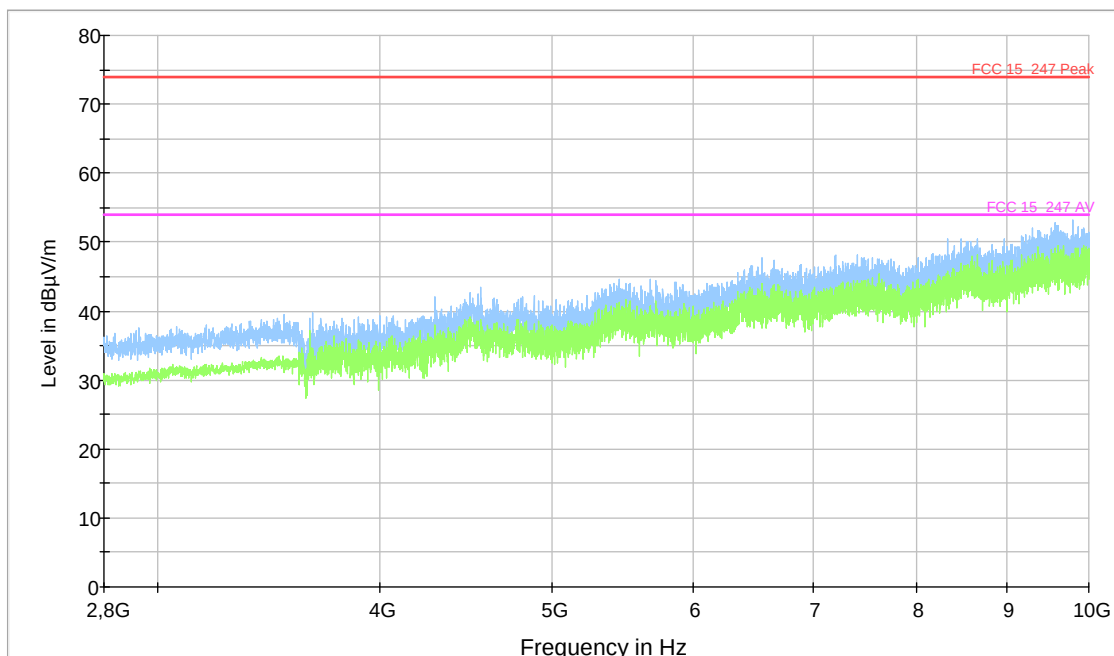
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11n – 20M - Ch6 – Vertical - 2.8 – 10GHz

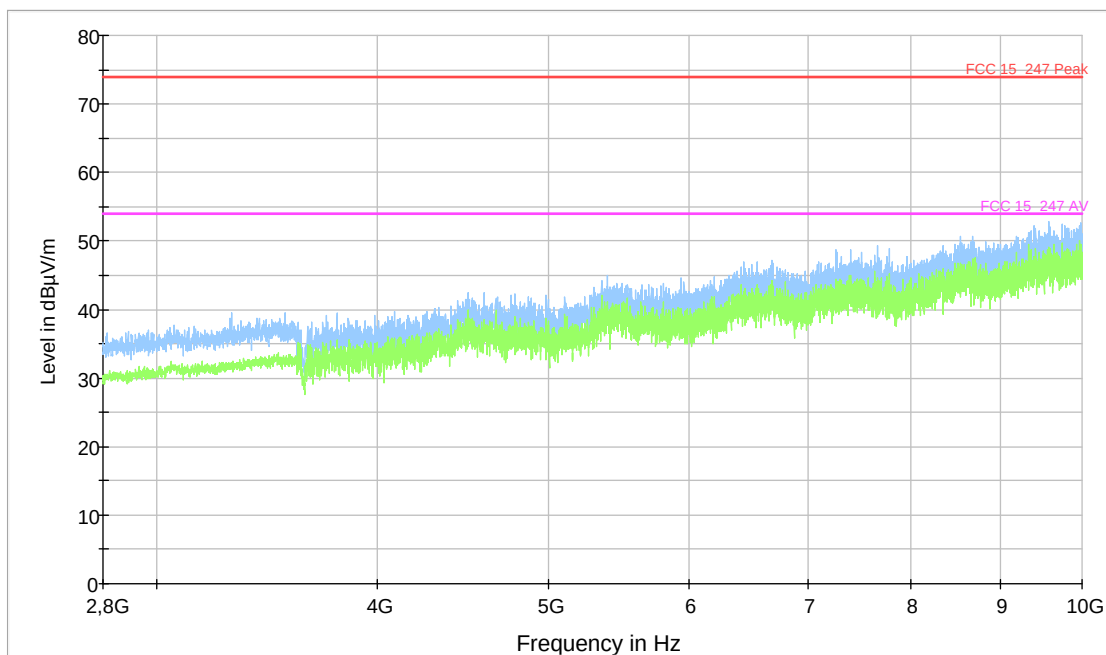
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11n – 20M - Ch6 – Horizontal - 2.8 – 10GHz

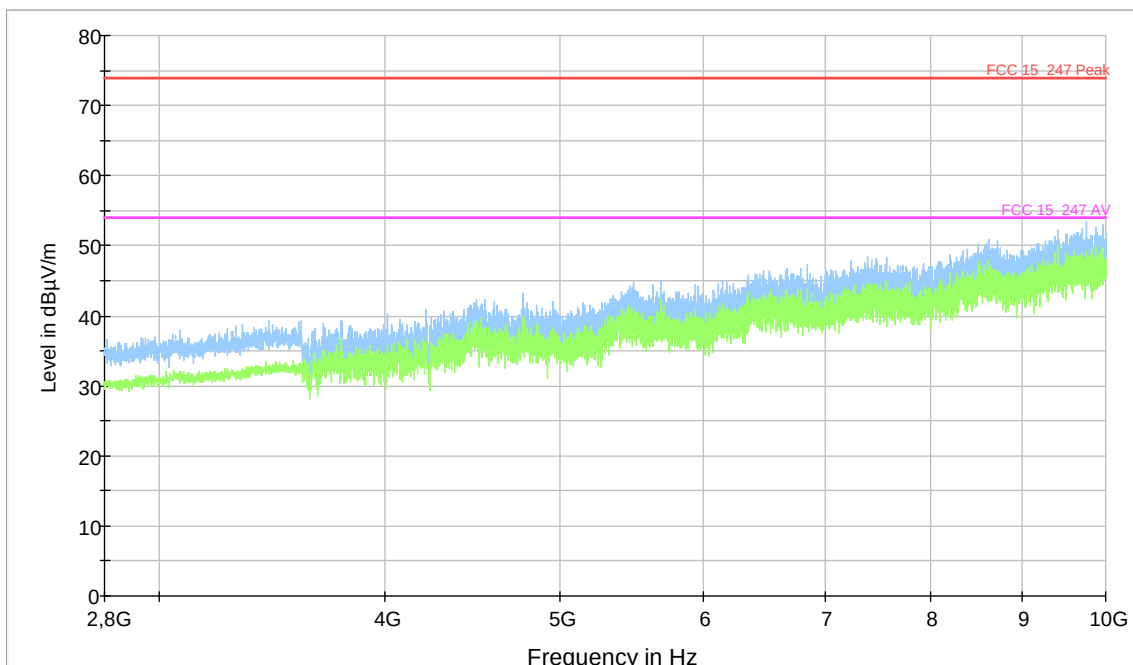
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11n – 20M - Ch13 – Vertical - 2.8 – 10GHz

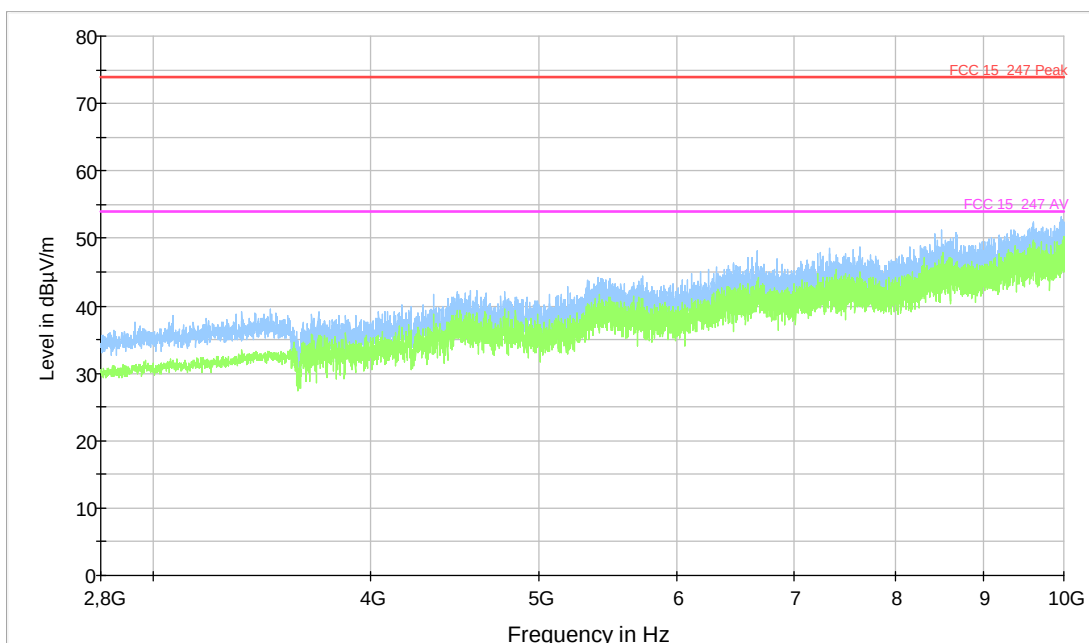
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11n – 20M - Ch13 – Horizontal - 2.8 – 10GHz

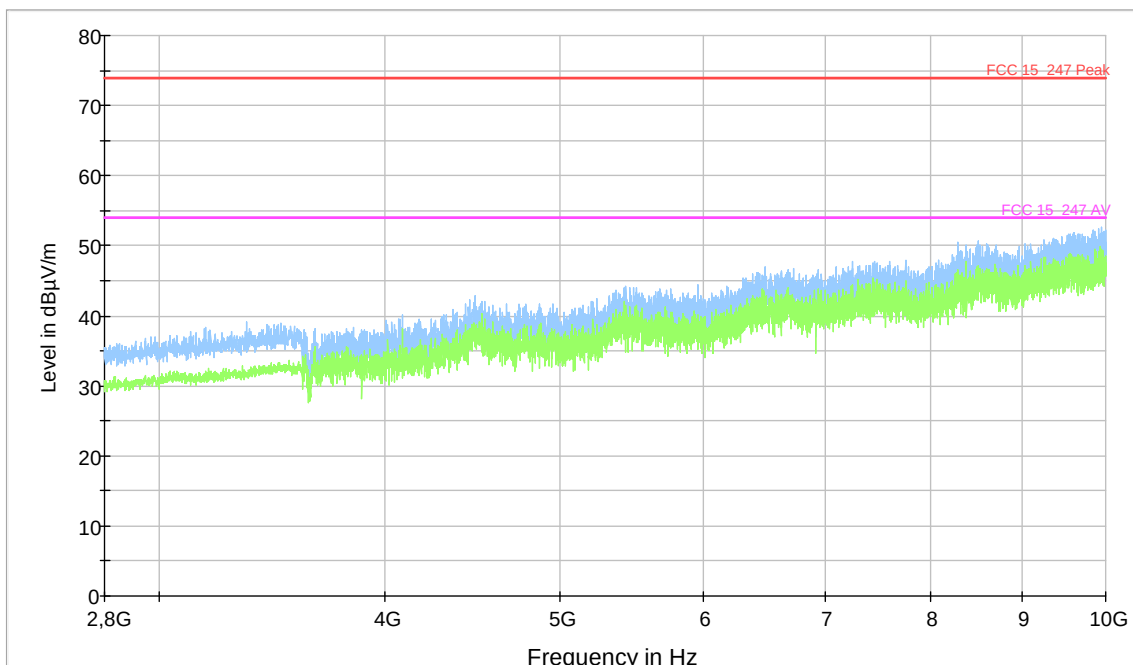
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11n – 40M – Ch3 – Vertical

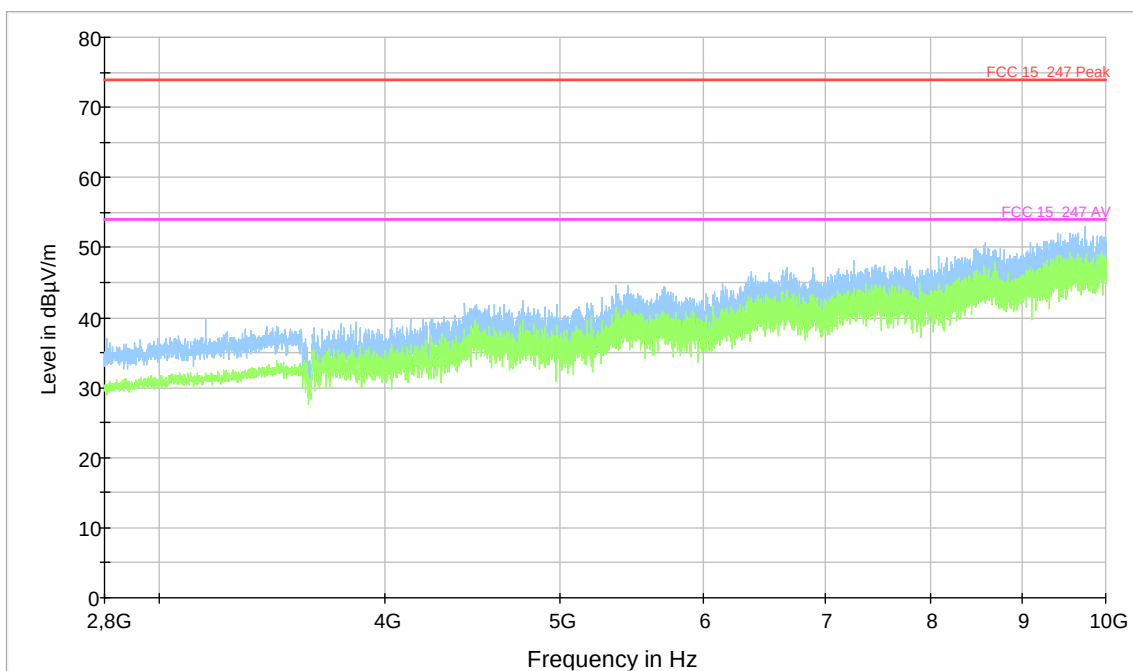
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11n – 40M – Ch3 – Horizontal

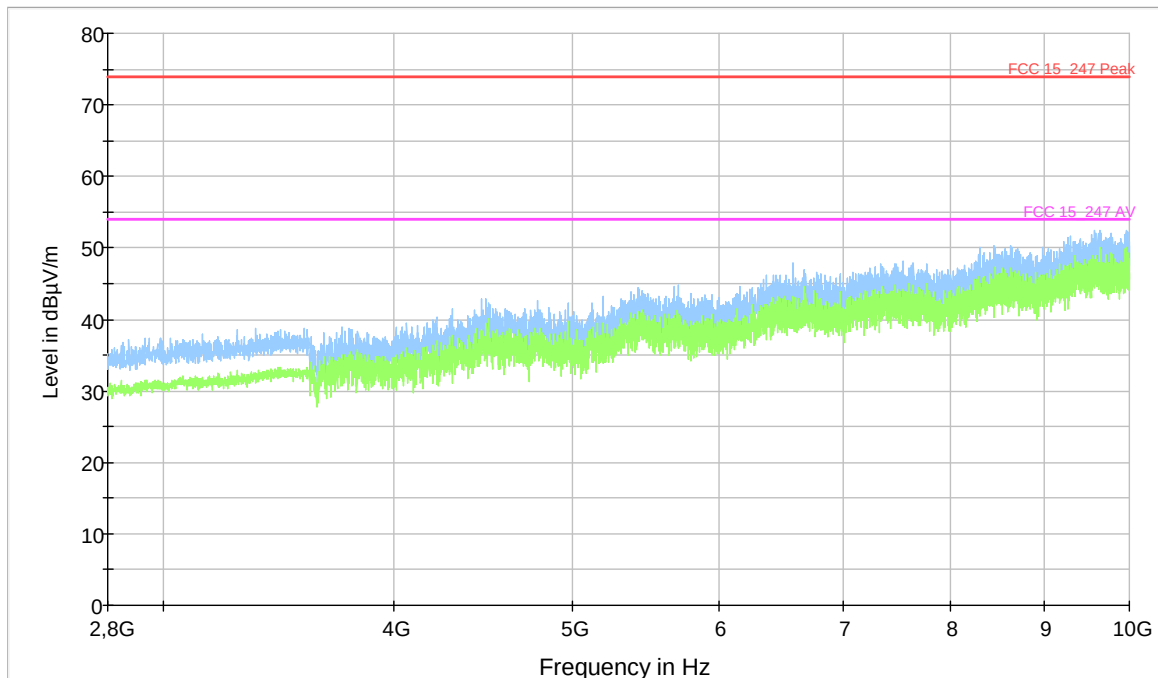
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11n – 40M – Ch7 – Vertical

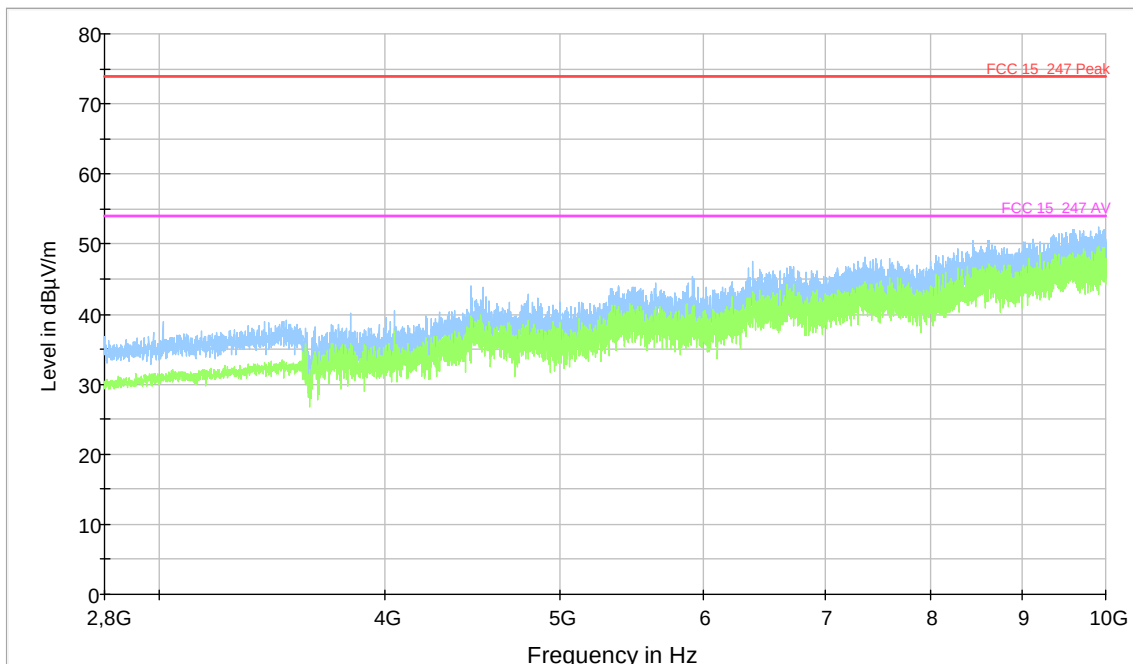
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11n – 40M – Ch7 – Horizontal

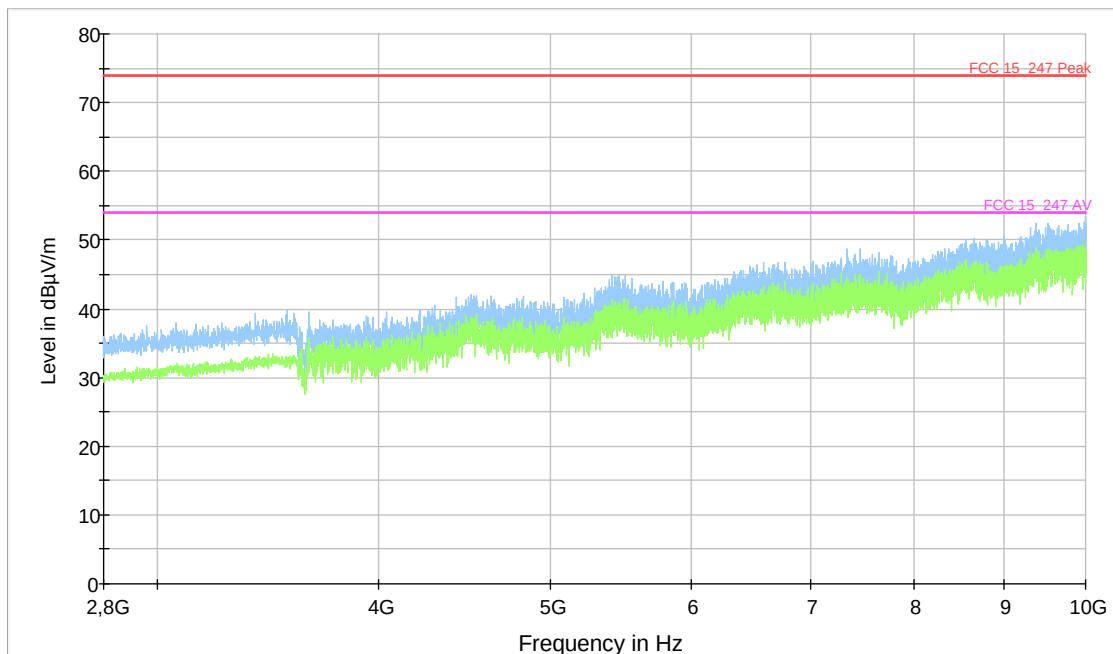
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11n – 40M - Ch11 – Vertical

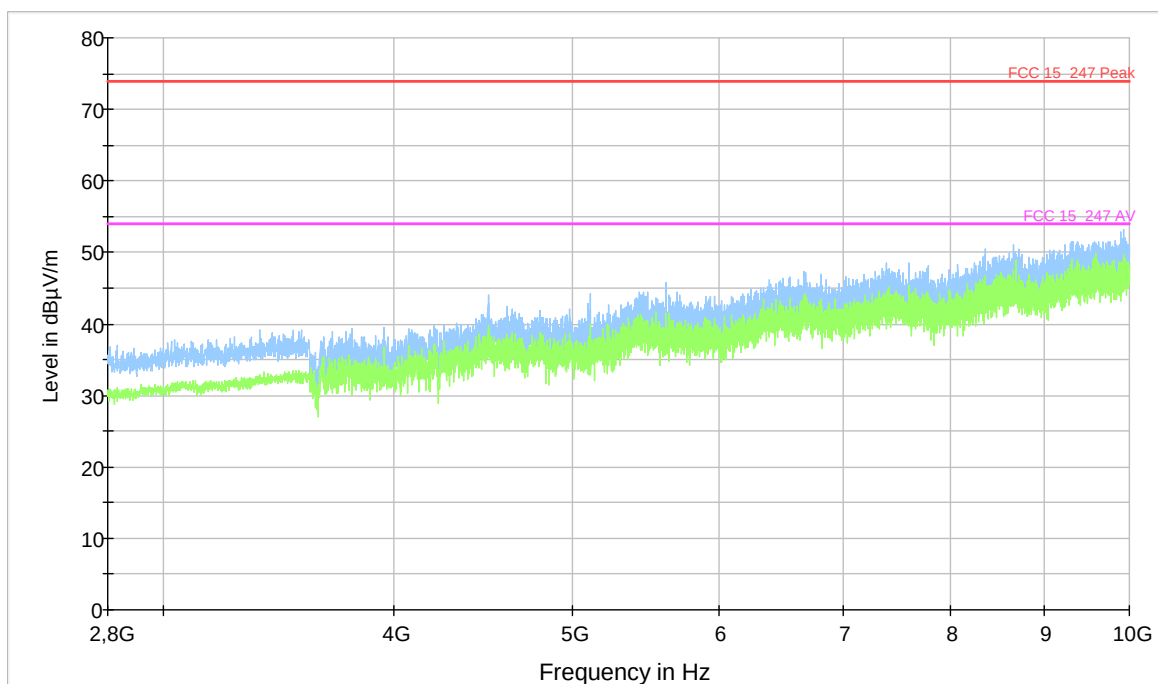
FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

802.11n – 40M - Ch11 – Horizontal

FCC_SWEEP_SPURIUS



Above 10GHz no spurious have been detected

7. LIST OF EQUIPMENT USED

EQUIPMENT	IDENTIFICATION NUMBER	CAL. DUE	CERTIFICATE NUMBER
EMI TEST RECEIVER 20HZ 40GHZ	EMC.359	AUG.2012	INRIM 11-0490-05
ARTIFICIAL MAINS NETWORK	EMC.173	AUG-2012	INRIM 11-0490-04
RF SEMI-ANECHOIC CHAMBER (CSSA)	EMC.191	AUG 2012	PRS NSA-2010
BILOG ANTENNA	EMC.023	MAY 2014	SAIBERSDORF EH- A315/11
LOG PERIODICA ANTENNA	EMC.391	DEC 2012	RHODE & S.
VOLTAGE GENERATOR	EMC.397	FEB.2013	SPS A4909D
SPECTRUM ANALYZER	EMC.332	APR.2012	PRS EMC332_2011

8. EUT PHOTOGRAPHIC DOCUMENTATION

PHOTO N° 1 – SYSTEM IDENTIFICATION



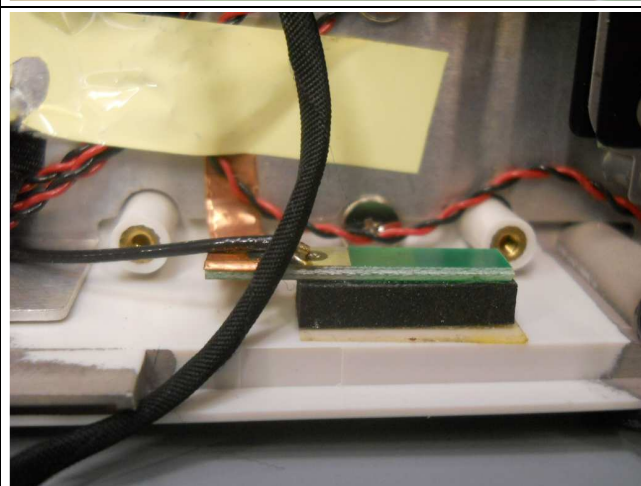
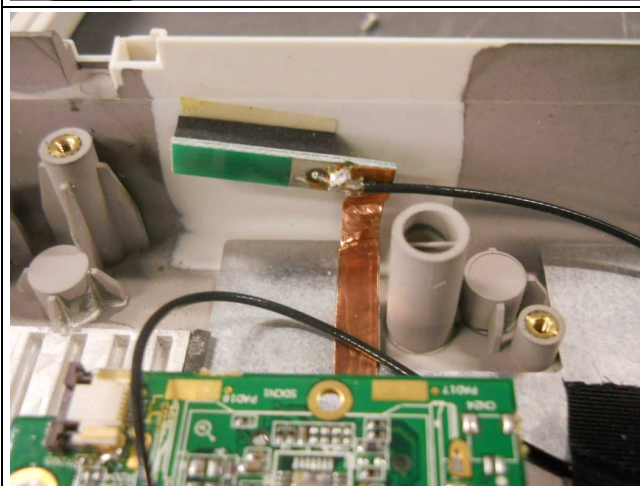
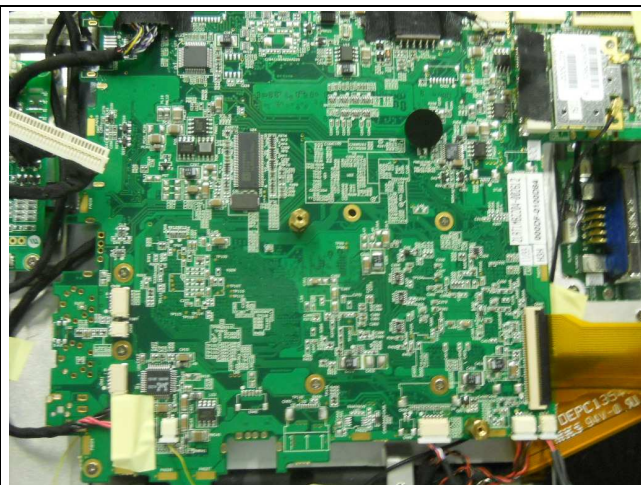
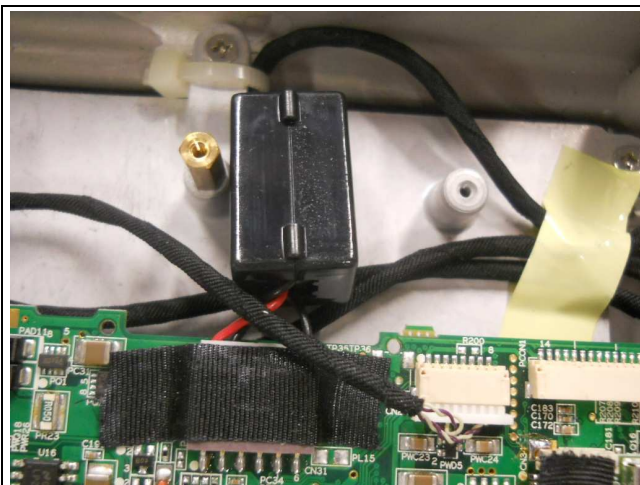


PHOTO N°2-RADIATED EMISSION SET UP

