

11. UNWANTED EMISSIONS & UNDESIRABLE EMISSION

11.1. TEST CONDITIONS

Test performed by : Armand MAHOUNGOU & Laurent DENEUX
Date of test : January 8, 2018 to January 12, 2018
Ambient temperature : 24 °C & 27 °C
Relative humidity : 44 % & 46 %

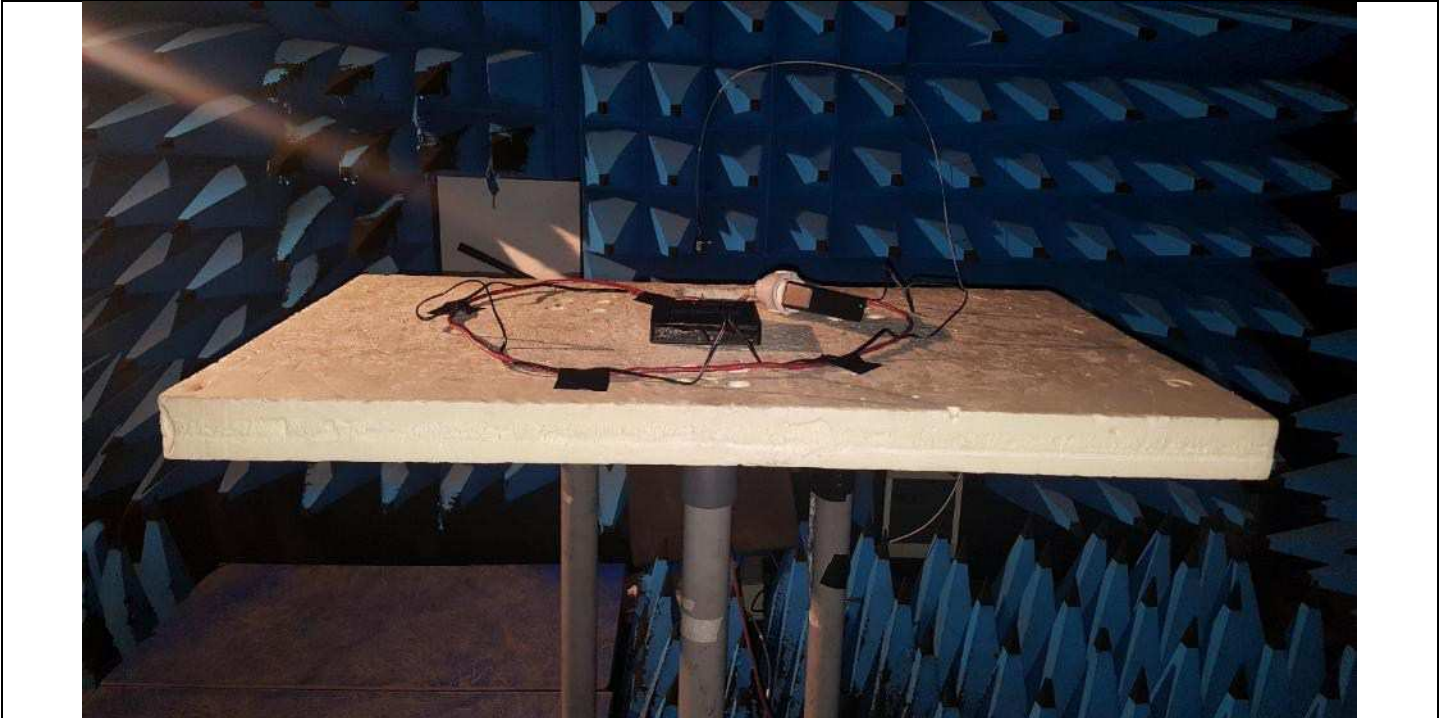
11.2. TEST SETUP

The product has been tested according to ANSI C63.10 (2013). The EUT is placed **on an open area test site**. Distance between measuring antenna and the EUT is **10m**. Test is performed in horizontal (H) and vertical (V) polarization with **bilog** antenna. Measurement bandwidth was 120kHz below 1GHz. The level has been maximised by the turntable rotation of 360 degrees range on the 3 axis of EUT. Antenna height search was performed from 1 to 4m. The EUT is place 0.8m high under 1GHz.

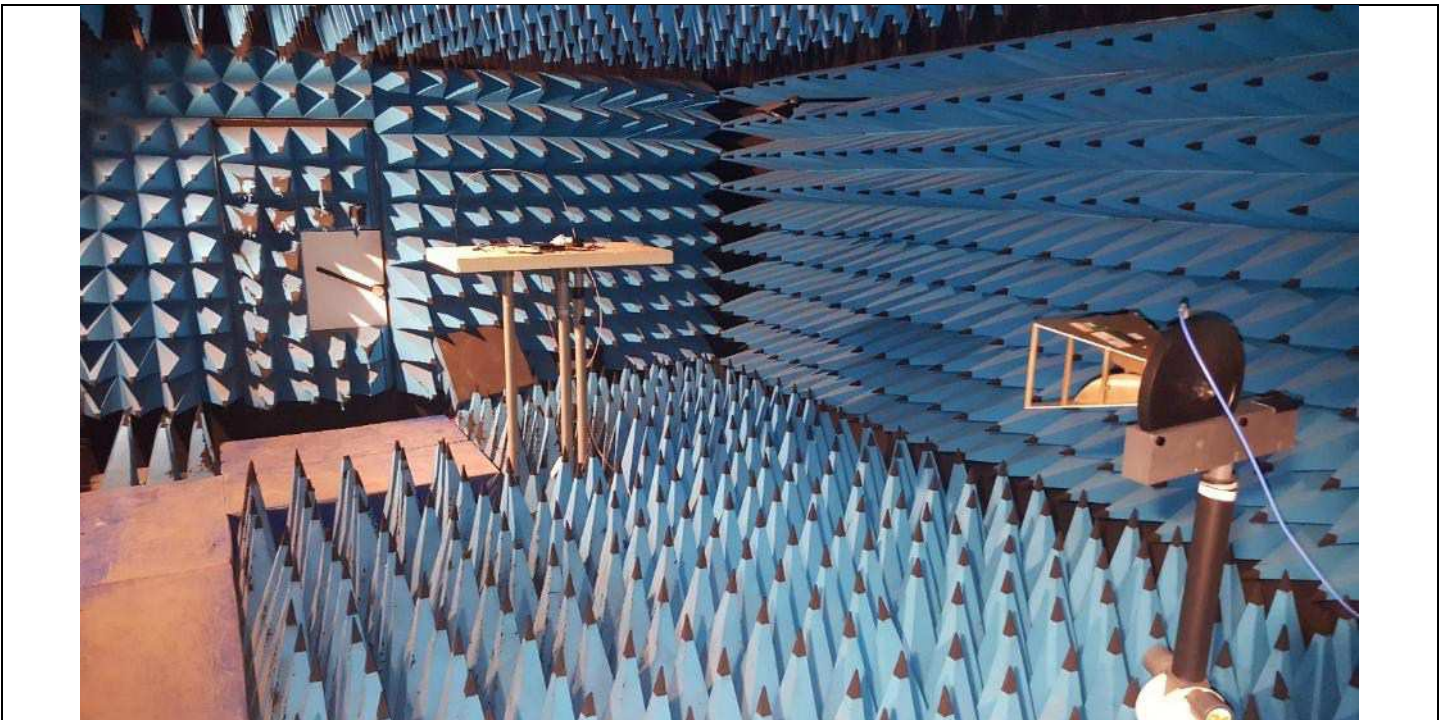
The product has been tested according to the FCC KDB 789033 D02 General UNII Test Procedures New Rules v01r02. The following factor is applied to convert $E[\text{dB}\mu\text{V}/\text{m}]$ to $\text{EIRP}[\text{dBm}]$. $\text{EIRP}[\text{dBm}] = E[\text{dB}\mu\text{V}/\text{m}] + 20 \log(d[\text{meters}]) - 104.77$



Photograph for Unwanted Emissions & Undesirable Emission limits



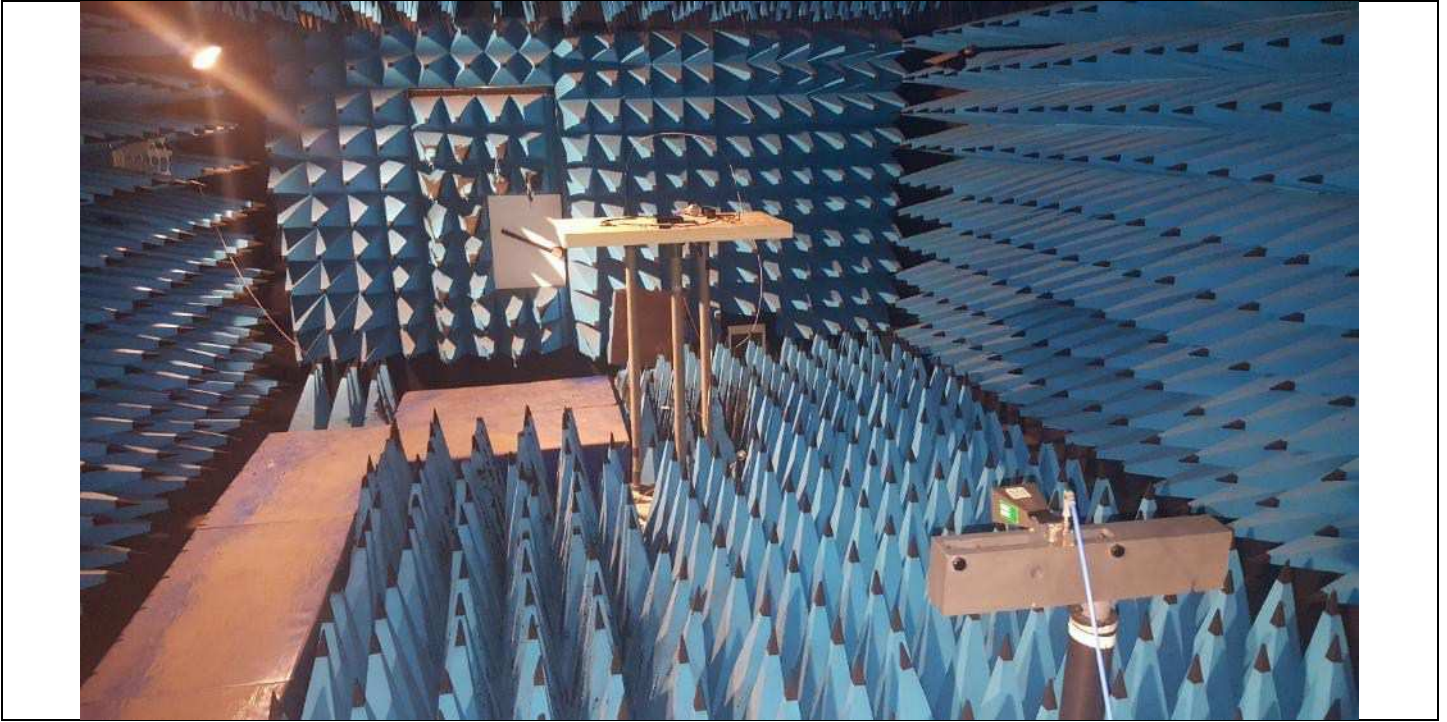
Photograph for Unwanted Emissions & Undesirable Emission limits



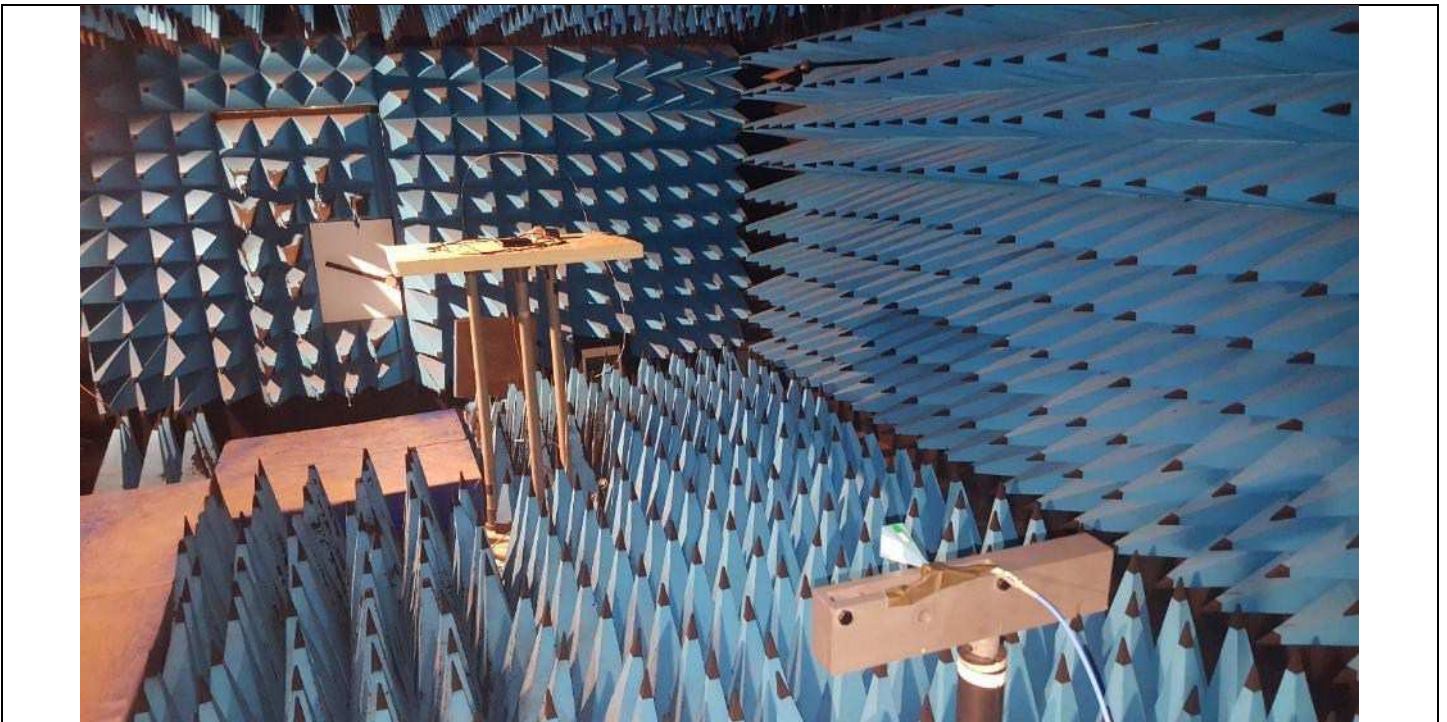
Photograph for Unwanted Emissions & Undesirable Emission limits



L C I E



Photograph for Unwanted Emissions & Undesirable Emission limits



Photograph for Unwanted Emissions & Undesirable Emission limits



11.3. LIMIT

Limit at 3m:

30MHz to 88MHz:	40dB μ V/m QPeak
88MHz to 216MHz:	43,5dB μ V/m QPeak
216MHz to 960MHz:	46dB μ V/m QPeak
960MHz to 1000MHz:	54dB μ V/m QPeak
Above 1000MHz:	74dB μ V/m Peak 54dB μ V/m Average

Limit at 3m:

30MHz to 88MHz:	29.5dB μ V/m QPeak
88MHz to 216MHz:	33dB μ V/m QPeak
216MHz to 960MHz:	35.5dB μ V/m QPeak
960MHz to 1000MHz:	43.5dB μ V/m QPeak
Above 1000MHz:	63.5B μ V/m Peak 43.5B μ V/m Average

Limit (dBm):

5150MHz-5250MHz:	Shall not exceed EIRP of -27dBm/MHz outside of the band
5250MHz-5350MHz:	Shall not exceed EIRP of -27dBm/MHz outside of the band
5470MHz-5725MHz:	Shall not exceed EIRP of -27dBm/MHz outside of the band

FCC 15.407

5725MHz-5850MHz: Shall not exceed EIRP of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of EIRP of 27 dBm/MHz at the band edge.



11.4. TEST EQUIPMENT LIST

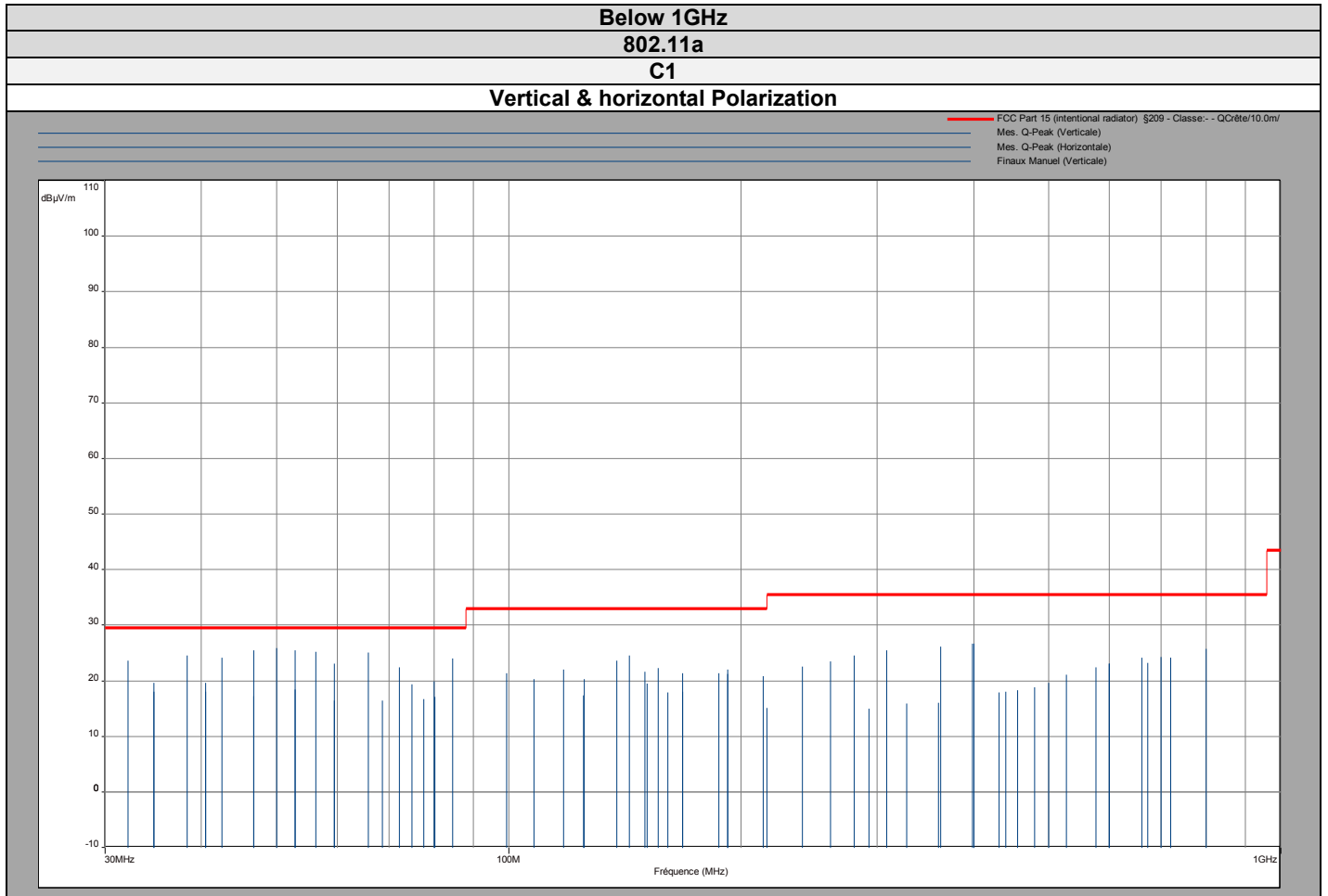
DESCRIPTION	MANUFACTURER	MODEL	N° LCIE	Cal_Date	Cal_Due
Open test site	LCIE	-	F2000400	2017/06	2018/06
EMI Test Receiver	ROHDE & SCHWARZ	ESIB26	A2642021	2015/12	2017/12
Bilog antenna	CHASE	CBL 6112A	C2040040	2017/03	2018/03
Cable	-	-	A5329449	2017/10	2018/10
Cable	-	-	A5329380	2017/06	2018/06
cable	-	-	A5329444	2017/10	2018/10
Full anechoic chamber	SIEPEL	-	D3044019	2014/10	2018/10
Preamplifier	LCIE; LCIE	LCIE-ALB-001	A7080073	2017/08	2018/08
Measurement horn antenna 18-26,5GHz	PASTERNAK	PE9852/2F-20	C2042048	2017/05	2019/05
Horn antenna	AH SYSTEMS	SAS 571	C2042041	2017/04	2018/04
Horn antenna	A-INFOMW	LB-10180-NF	C2042050	2017/09	2018/09
EMI receiver	ROHDE & SCHWARZ	ESI40 1088 740K40	A2642010	2017/07	2018/07
Filter	MICRO-TRONICS	HPS17421	A7484059	2017/09	2018/09
cable	Télédyne	084-0505-1MTR	A5329757	2017/03	2018/03
cable	Télédyne	084-0555-3MTR	A5329760	2017/03	2018/03
cable	Télédyne	084-555-1.5MTR	A5329759	2017/03	2018/03

Note: In our quality system, the test equipment calibration due is more & less 2 months

11.5. DIVERGENCE, ADDITION OR SUPPRESSION ON THE TEST SPECIFICATION

None Divergence:

11.6. RESULTS





L C I E

Above 1GHz

802.11a

C1/C2/C3

Vertical Polarization

Description Sous-bande 2

Fréquences: 5.1 GHz - 5.4 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage : 50 ms/Pts, Atténuation : 149336080, Nombre de Balayages : 1, Preampl: 0, Préselecteur: Off

Polarsation: Verticale

Distance: 3 m

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/

Mes. Peak Channel Low (Verticale)

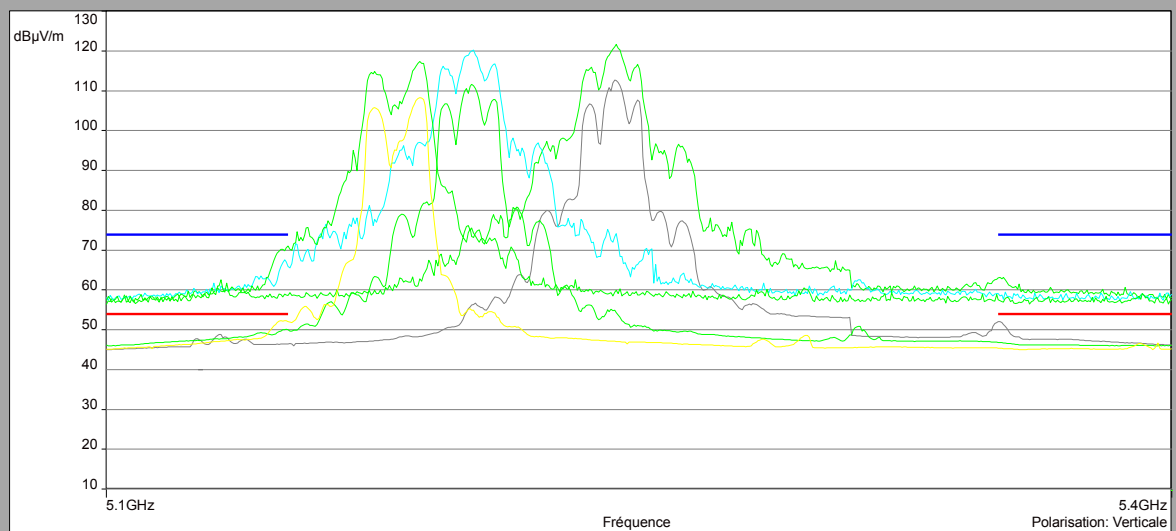
Mes. Avg Channel Low (Verticale)

Mes. Peak Channel Middle (Verticale)

Mes. Avg Channel Middle (Verticale)

Mes. Peak Channel High (Verticale)

Mes. Avg Channel High (Verticale)



Horizontal polarization

Description Sous-bande 1

Fréquences: 5.1 GHz - 5.4 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage : 50 ms/Pts, Atténuation : 149336080, Nombre de Balayages : 1, Preampl: 0, Préselecteur: Off

Polarsation: Horizontale

Distance: 3 m

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/

Mes. Peak Channel Low (Horizontale)

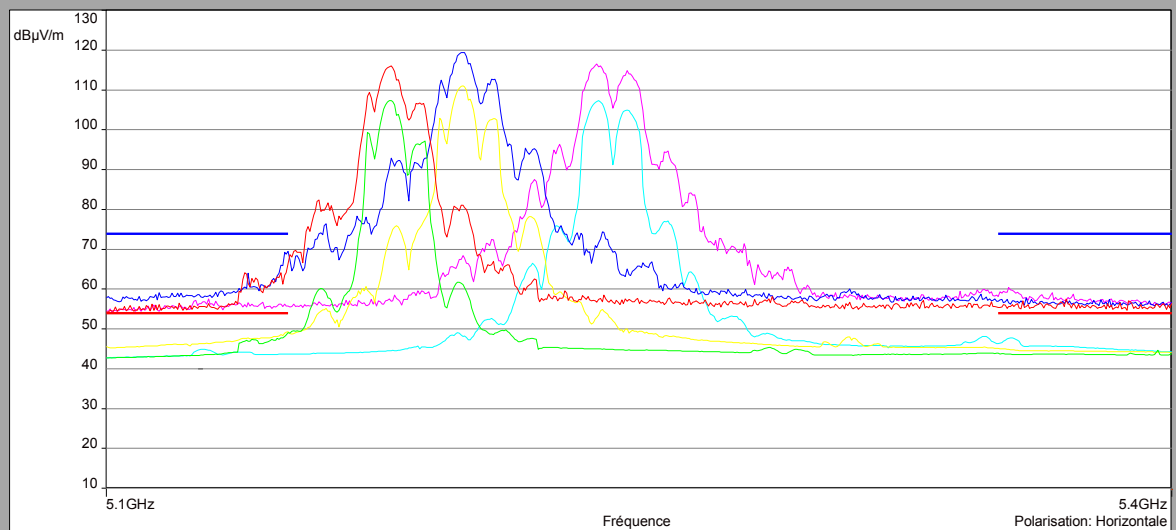
Mes. Avg Channel Low (Horizontale)

Mes. Peak Channel Middle (Horizontale)

Mes. Avg Channel Middle (Horizontale)

Mes. Peak Channel High (Horizontale)

Mes. Avg Channel High (Horizontale)





L C I E

Above 1GHz

802.11a

C4/C5/C6

Vertical Polarization

Description Sous-bande 2

Fréquences: 5.1 GHz - 5.4 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage : 10 ms/Pts, Atténuation : 152569008, Nombre de Balayages : 1, Préamplificateur: Off, Préselecteur: Off

Polarsation: Verticale

Distance: 3 m

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/

Mes. Peak Channel Low (Verticale)

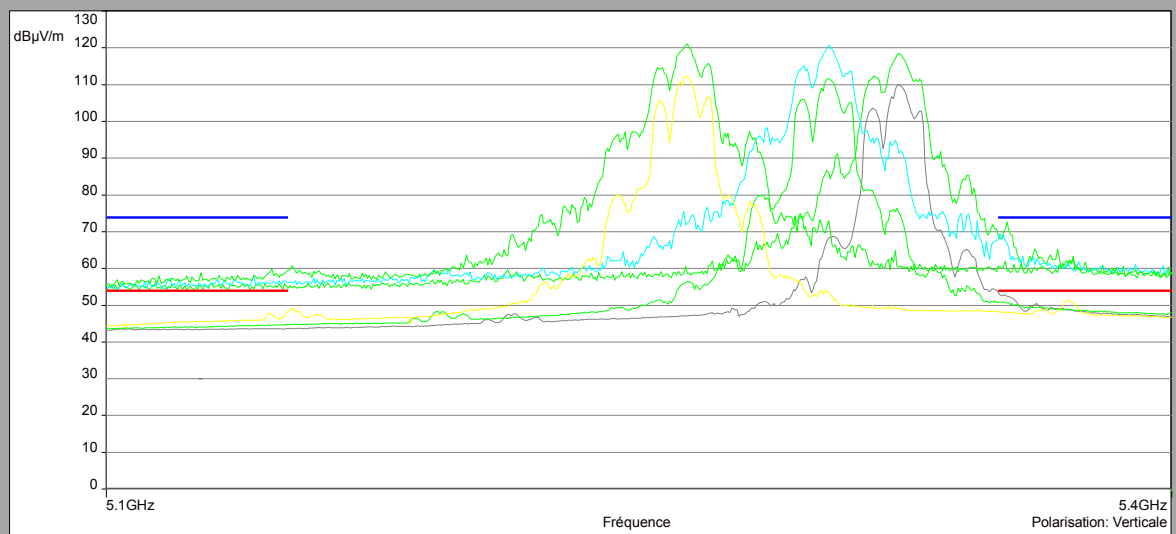
Mes. Avg Channel Low (Verticale)

Mes. Peak Channel Middle (Verticale)

Mes. Avg Channel Middle (Verticale)

Mes. Peak Channel High (Verticale)

Mes. Avg Channel High (Verticale)



Horizontal polarization

Description Sous-bande 1

Fréquences: 5.1 GHz - 5.4 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage : 10 ms/Pts, Atténuation : 152569360, Nombre de Balayages : 1, Préamplificateur: Off, Préselecteur: Off

Polarsation: Horizontale

Distance: 3 m

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/

Mes. Peak Channel Low (Horizontale)

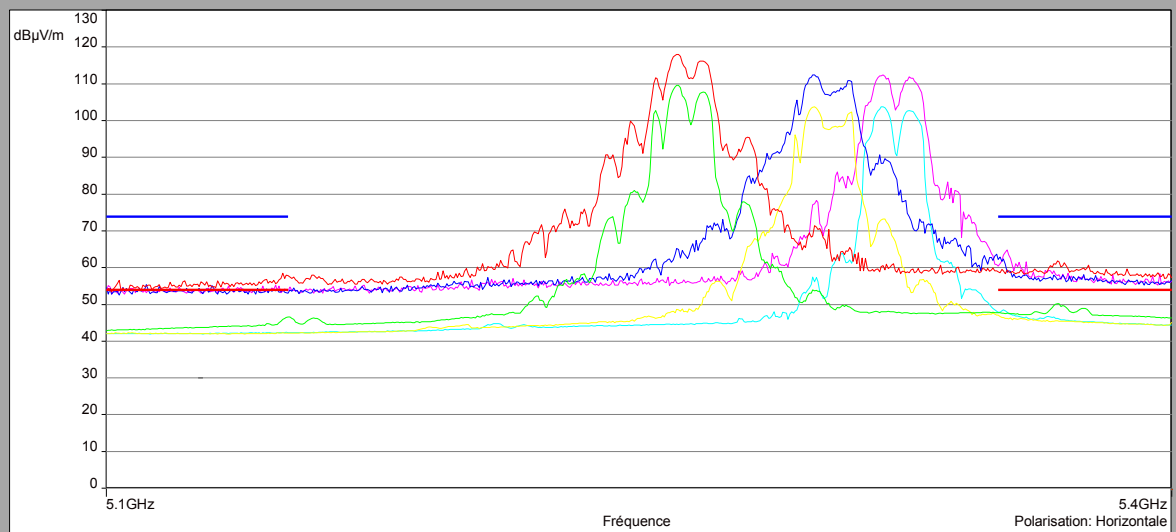
Mes. Avg Channel Low (Horizontale)

Mes. Peak Channel Middle (Horizontale)

Mes. Avg Channel Middle (Horizontale)

Mes. Peak Channel High (Horizontale)

Mes. Avg Channel High (Horizontale)





L C I E

Above 1GHz

802.11a

C7/C8/C9

Vertical Polarization

Description Sous-bande 2

Fréquences: 5.45 GHz - 5.8 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 50 ms/Pts, Atténuation: 152023344, Nombre de Balayages: 1, Préampli: 20 dB, LN Preamp: Off, Préselecteur: Off

Polarisation: Verticale

Distance: 3 m

FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/

Mes.Peq Channel Low (Verticale)

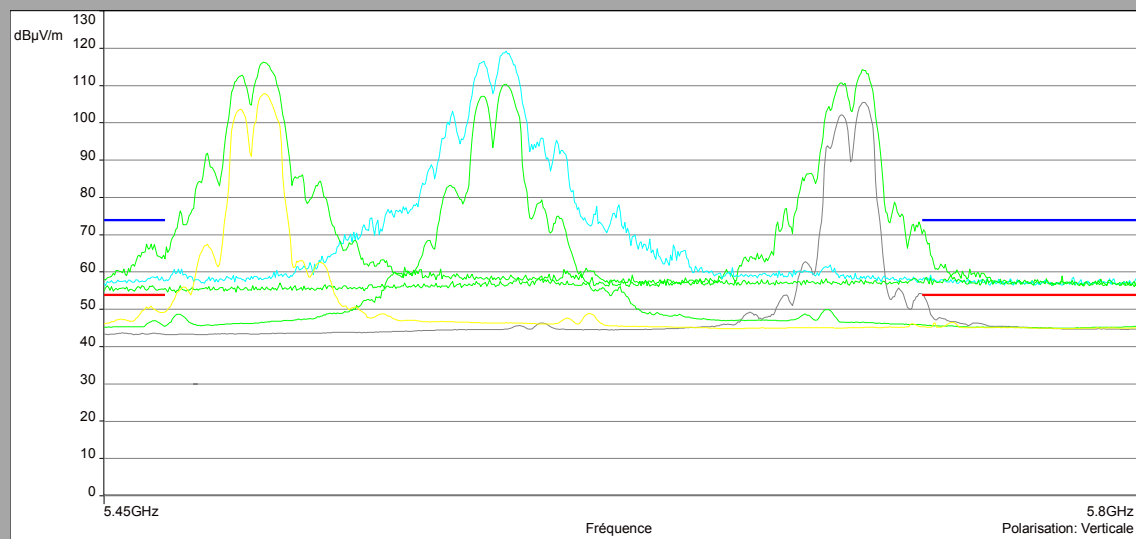
Mes.Avg Channel Low (Verticale)

Mes.Peq Channel Middle (Verticale)

Mes.Avg Channel Middle (Verticale)

Mes.Peq Channel High (Verticale)

Mes.Avg Channel High (Verticale)



Horizontal polarization

Description Sous-bande 1

Fréquences: 5.45 GHz - 5.8 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 50 ms/Pts, Atténuation: 152023728, Nombre de Balayages: 1, Préampli: 20 dB, LN Preamp: Off, Préselecteur: Off

Polarisation: Horizontale

Distance: 3 m

FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/

Mes.Peq Channel Low (Horizontale)

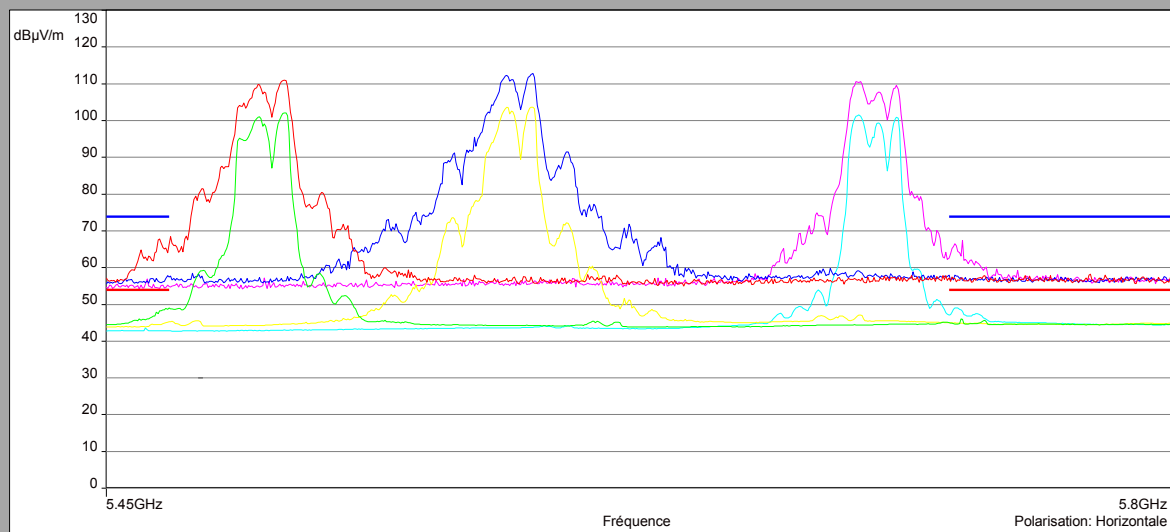
Mes.Avg Channel Low (Horizontale)

Mes.Peq Channel Middle (Horizontale)

Mes.Avg Channel Middle (Horizontale)

Mes.Peq Channel High (Horizontale)

Mes.Avg Channel High (Horizontale)





L C I E

Above 1GHz

802.11a

C11/C12/C13

Vertical Polarization

Description Sous-bande 2

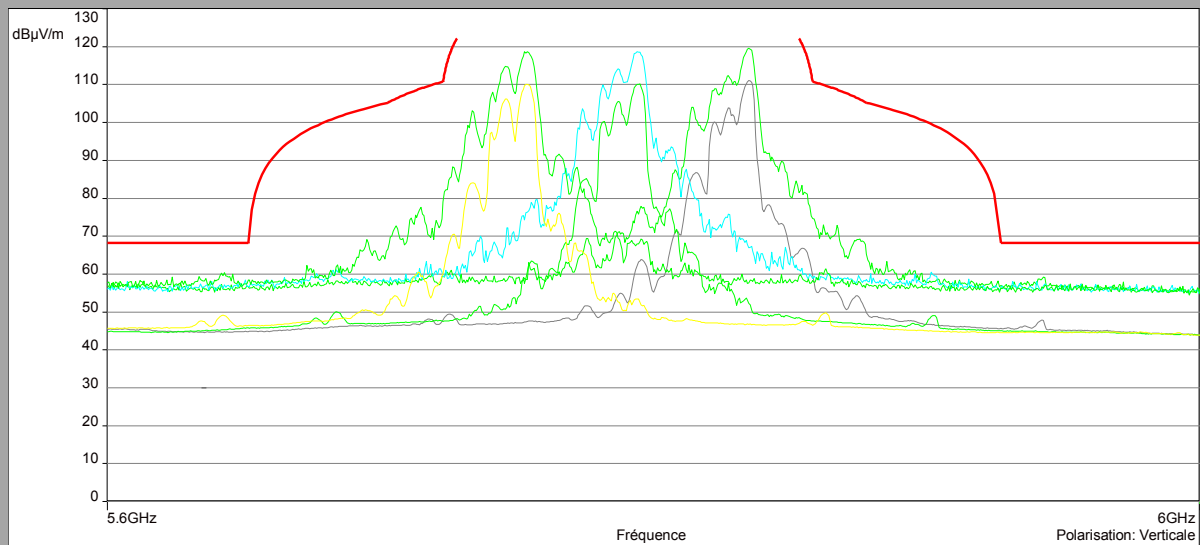
Fréquences: 5.6 GHz - 6 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage : 10 ms/Pts, Atténuation : 158473840, Nombre de Balayages : 1, Préampli: On, 20 dB, LN Preamp: Off, Préselecteur: Off

Polarisation: Verticale

Distance: 3 m

- FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
- Mes.Peak Channel Low (Verticale)
- Mes.Avg Channel Low (Verticale)
- Mes.Peak Channel Middle (Verticale)
- Mes.Avg Channel Middle (Verticale)
- Mes.Peak Channel High (Verticale)
- Mes.Avg Channel High (Verticale)



Horizontal polarization

Description Sous-bande 1

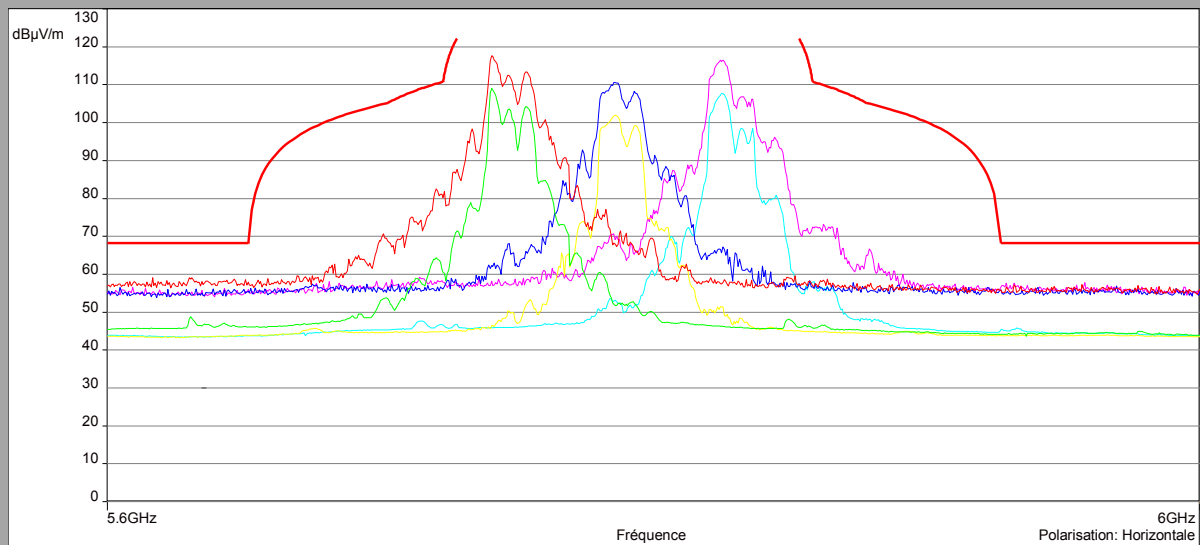
Fréquences: 5.6 GHz - 6 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage : 10 ms/Pts, Atténuation : 158275168, Nombre de Balayages : 1, Préampli: On, 20 dB, LN Preamp: Off, Préselecteur: Off

Polarisation: Horizontale

Distance: 3 m

- FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
- Mes.Peak Channel Low (Horizontale)
- Mes.Avg Channel Low (Horizontale)
- Mes.Peak Channel Middle (Horizontale)
- Mes.Avg Channel Middle (Horizontale)
- Mes.Peak Channel High (Horizontale)
- Mes.Avg Channel High (Horizontale)





L C I E

Above 1GHz
802.11n HT20/ac VHT20
C1/C2/C3

Vertical Polarization

Description Sous-bande 2

Fréquences: 5.1 GHz - 5.4 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage : 50 ms/Pts, Atténuation : 153171784, Nombre de Balayages : 1, Préampli: 0, 20 dB, LN Preamp: Off, Préselecteur: Off

Polarisation: Verticale

Distance: 3 m

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/

Mes. Peak Channel Low (Verticale)

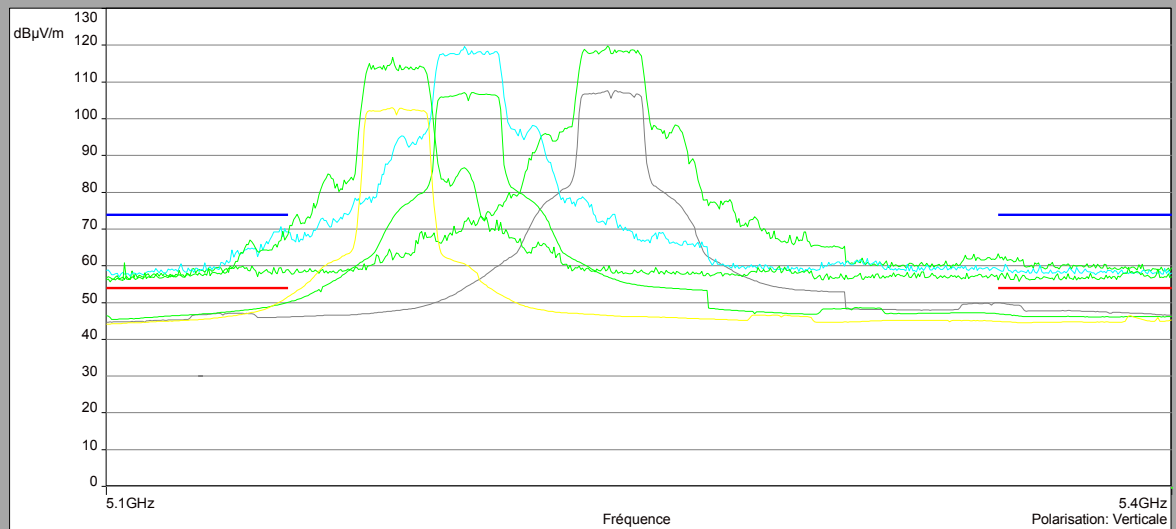
Mes. Avg Channel Low (Verticale)

Mes. Peak Channel Middle (Verticale)

Mes. Avg Channel Middle (Verticale)

Mes. Peak Channel High (Verticale)

Mes. Avg Channel High (Verticale)



Horizontal polarization

Description Sous-bande 1

Fréquences: 5.1 GHz - 5.4 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage : 50 ms/Pts, Atténuation : 153171784, Nombre de Balayages : 1, Préampli: 0, 20 dB, LN Preamp: Off, Préselecteur: Off

Polarisation: Horizontale

Distance: 3 m

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/

Mes. Peak Channel Low (Horizontale)

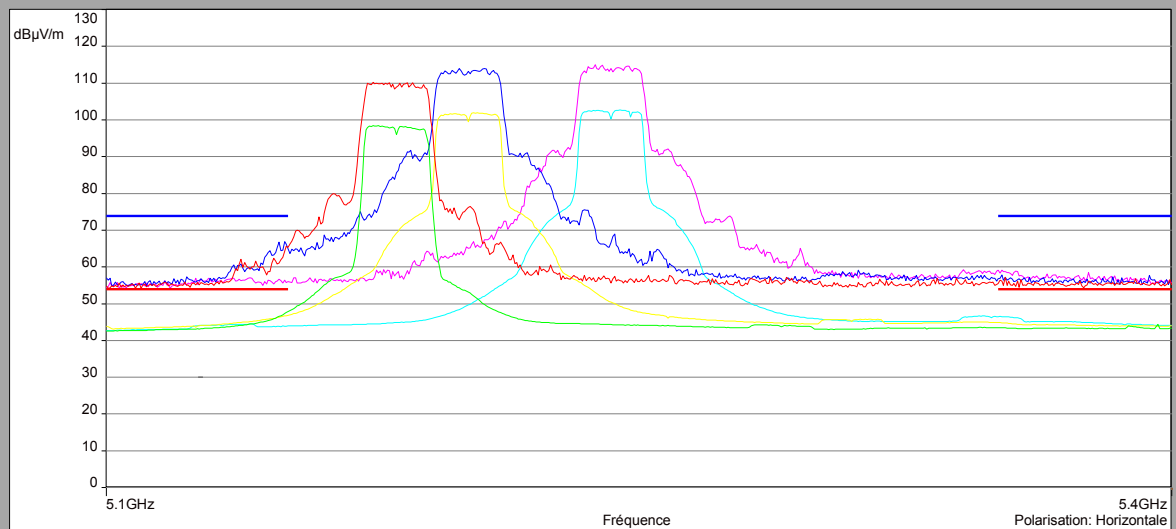
Mes. Avg Channel Low (Horizontale)

Mes. Peak Channel Middle (Horizontale)

Mes. Avg Channel Middle (Horizontale)

Mes. Peak Channel High (Horizontale)

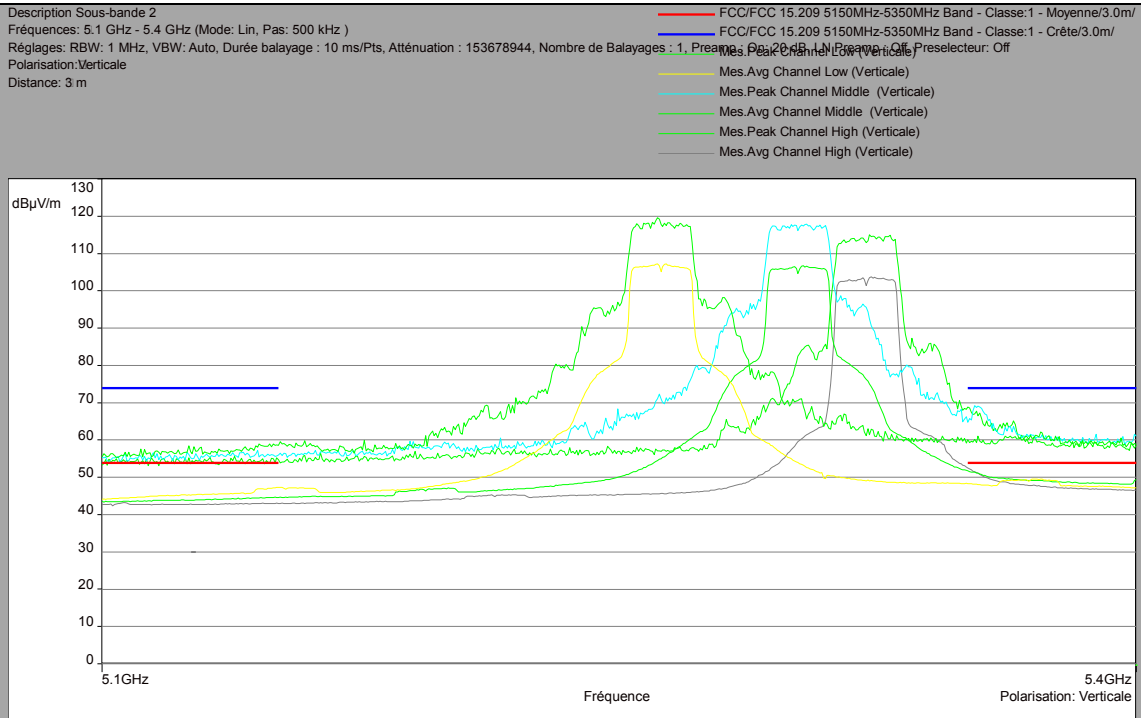
Mes. Avg Channel High (Horizontale)



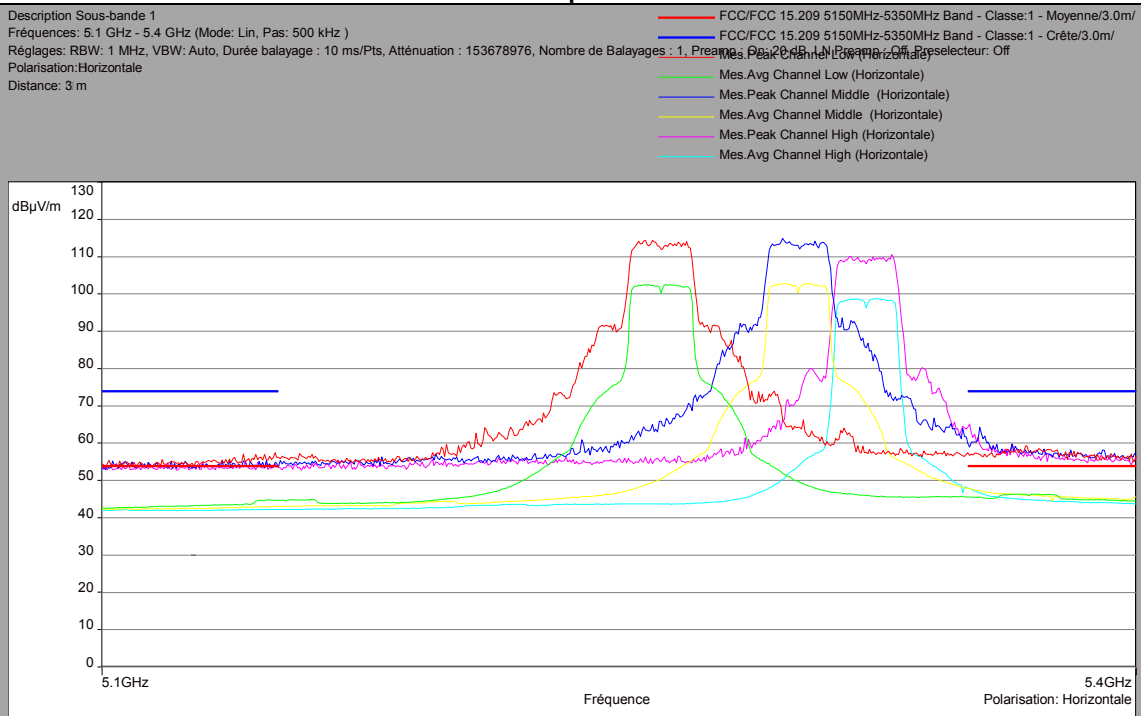


L C I E

Above 1GHz
802.11n HT20/ac VHT20
C4/C5/C6
Vertical Polarization



Horizontal polarization





L C I E

Above 1GHz
802.11n HT20/ac VHT20
C7/C8/C9
Vertical Polarization

Description Sous-bande 2

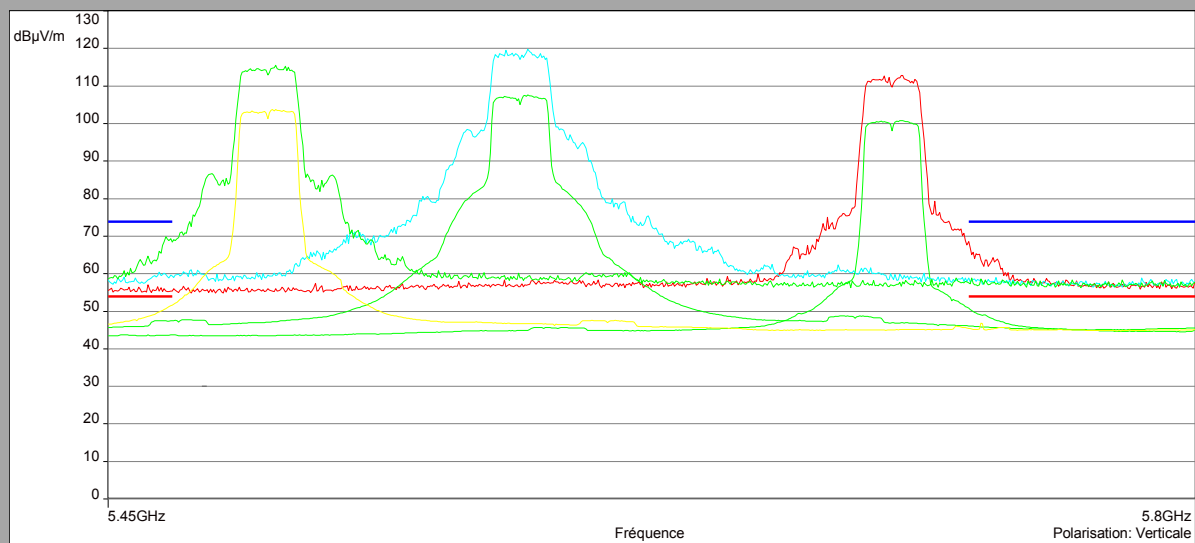
Fréquences: 5.45 GHz - 5.8 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage : 50 ms/Pts, Atténuation : 151866360, Nombre de Balayages : 1, Preamp: On, 20 dB, LN Preamp: Off, Preselecteur: Off

Polarisation: Verticale

Distance: 3 m

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Avg Channel Low (Verticale)
- Mes.Peak Channel Middle (Verticale)
- Mes.Avg Channel Middle (Verticale)
- Mes.Peak Channel High (Verticale)
- Mes.Avg Channel High (Verticale)



Horizontal polarization

Description Sous-bande 1

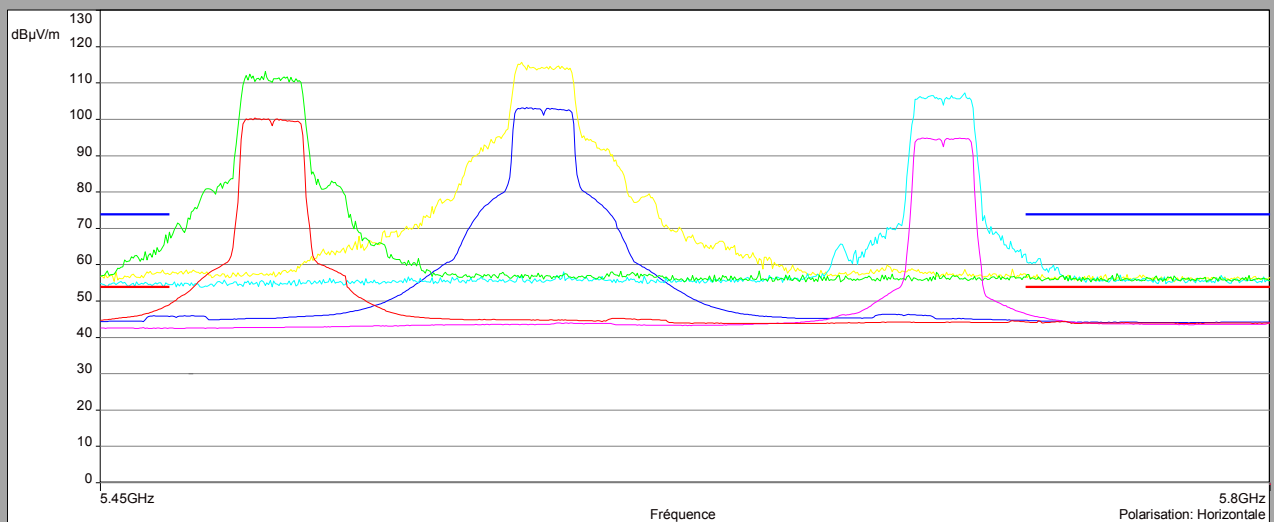
Fréquences: 5.45 GHz - 5.8 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage : 50 ms/Pts, Atténuation : 154896824, Nombre de Balayages : 1, Preamp: On, 20 dB, LN Preamp: Off, Preselecteur: Off

Polarisation: Horizontale

Distance: 3 m

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Avg Channel C100 (Horizontale)
- Mes.Avg Channel C140 (Horizontale)
- Mes.Avg Channel C116 (Horizontale)
- Mes.Peak Channel C100 (Horizontale)
- Mes.Peak Channel C140 (Horizontale)
- Mes.Peak Channel C116 (Horizontale)





L C I E

Above 1GHz
802.11n HT20/ac VHT20
C11/C12/C13

Vertical Polarization

Description Sous-bande 2

Fréquences: 5.6 GHz - 6 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage : 10 ms/Pts, Atténuation : 150006368, Nombre de Balayages : 1, Préamplificateur: Off, Préselecteur: Off

Polarisation: Verticale

Distance: 3 m

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/

Mes.Peak Channel Low (Verticale)

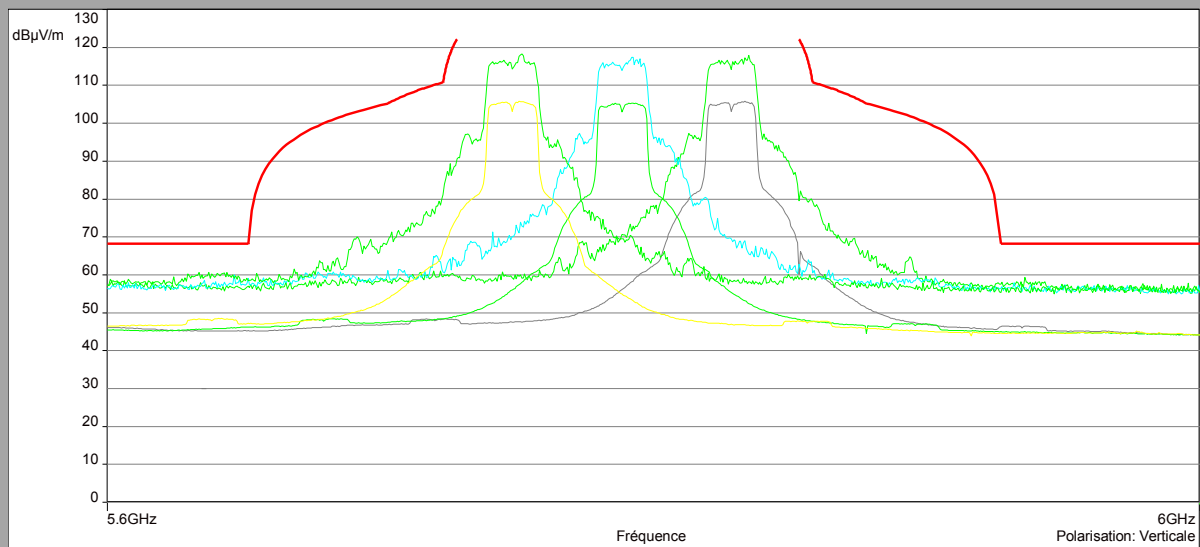
Mes.Avg Channel Low (Verticale)

Mes.Peak Channel Middle (Verticale)

Mes.Avg Channel Middle (Verticale)

Mes.Peak Channel High (Verticale)

Mes.Avg Channel High (Verticale)



Horizontal polarization

Description Sous-bande 1

Fréquences: 5.6 GHz - 6 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage : 10 ms/Pts, Atténuation : 150006432, Nombre de Balayages : 1, Préamplificateur: Off, Préselecteur: Off

Polarisation: Horizontale

Distance: 3 m

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/

Mes.Peak Channel Low (Horizontale)

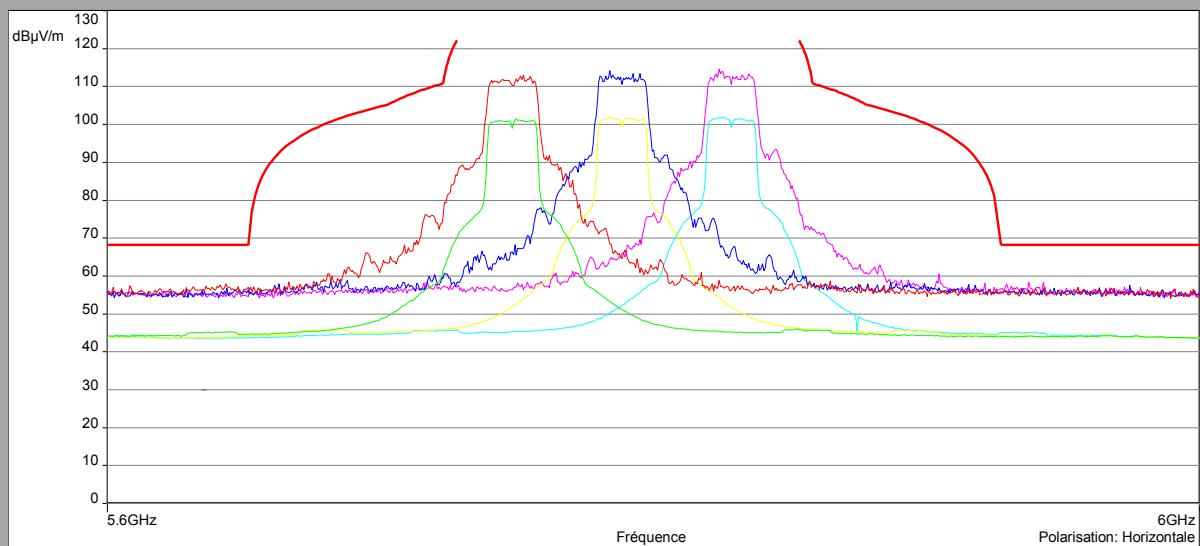
Mes.Avg Channel Low (Horizontale)

Mes.Peak Channel Middle (Horizontale)

Mes.Avg Channel Middle (Horizontale)

Mes.Peak Channel High (Horizontale)

Mes.Avg Channel High (Horizontale)





L C I E

Above 1GHz
802.11n HT40/ac VHT40
C14/C15
Vertical Polarization

Description Sous-bande 2

Fréquences: 5.1 GHz - 5.4 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 50 ms/Pts, Atténuation: 152279368, Nombre de Balayages: 1, Préampli: 20 dB, Lim Preset: Off, Préselecteur: Off

Polarisation: Verticale

Distance: 3 m

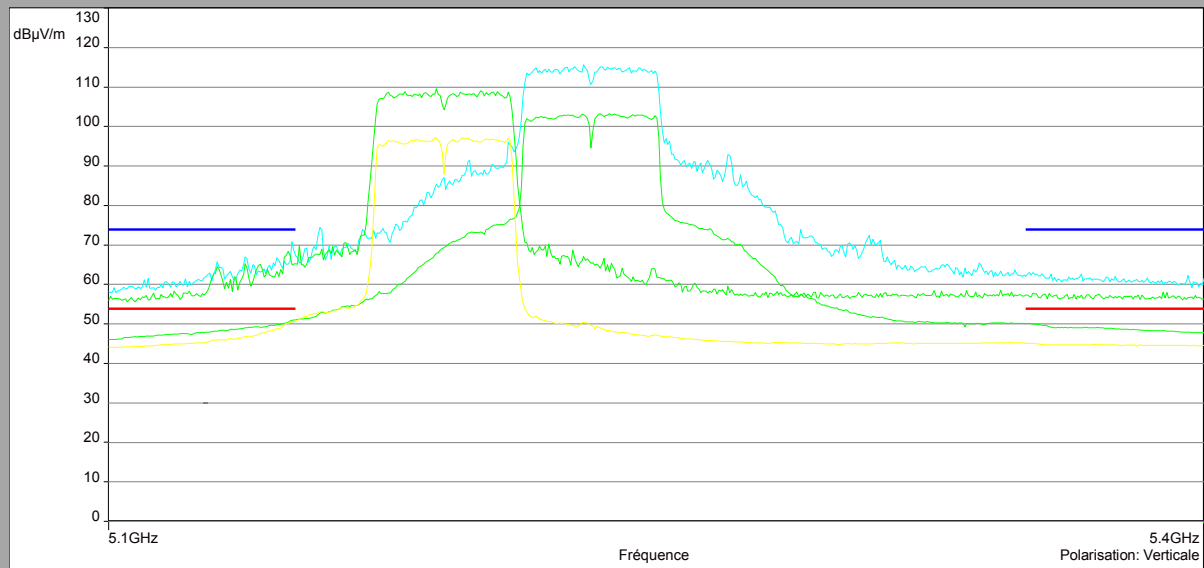
FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/

Mes.Avg Channel Low (Verticale)

Mes.Peak Channel High (Verticale)

Mes.Avg Channel High (Verticale)



Horizontal polarization

Description Sous-bande 1

Fréquences: 5.1 GHz - 5.4 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 50 ms/Pts, Atténuation: 152279240, Nombre de Balayages: 1, Préampli: 20 dB, Lim Preset: Off, Préselecteur: Off

Polarisation: Horizontale

Distance: 3 m

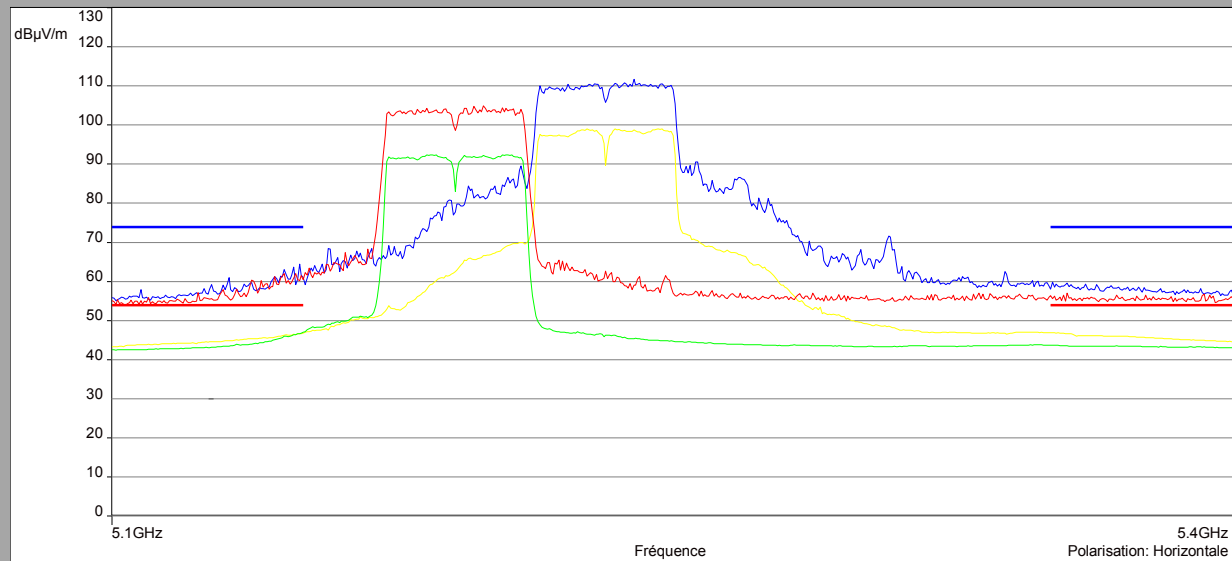
FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/

Mes.Avg Channel Low (Horizontale)

Mes.Peak Channel High (Horizontale)

Mes.Avg Channel High (Horizontale)





L C I E

Above 1GHz
802.11n HT40/ac VHT40
C16/C17

Vertical Polarization

Description Sous-bande 2

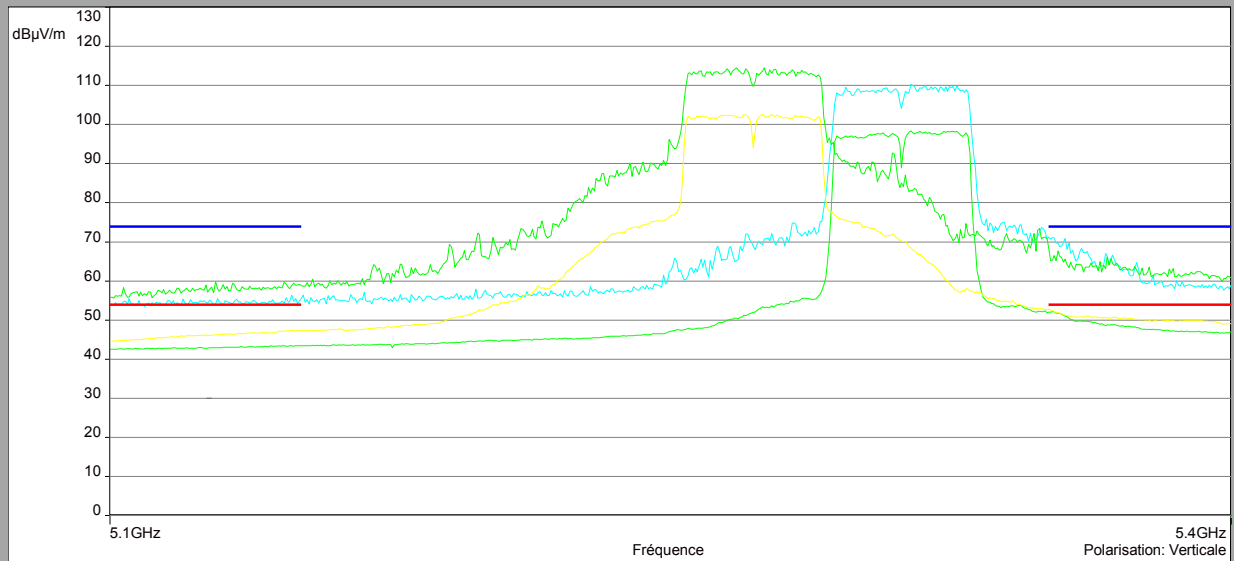
Fréquences: 5.1 GHz - 5.4 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage : 10 ms/Pts, Atténuation : 209003544, Nombre de Balayages : 1, Préamplificateur: Off, Préselecteur: Off

Polarisation: Verticale

Distance: 3 m

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Avg Channel Low (Verticale)
- Mes.Peak Channel High (Verticale)
- Mes.Avg Channel High (Verticale)



Horizontal polarization

Description Sous-bande 1

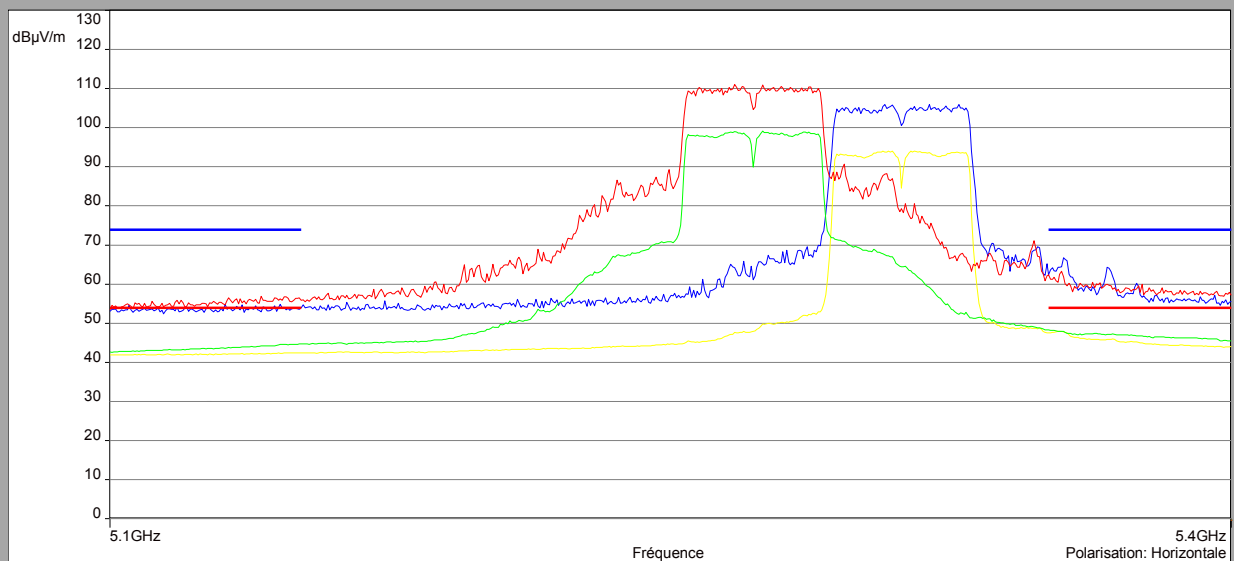
Fréquences: 5.1 GHz - 5.4 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage : 10 ms/Pts, Atténuation : 209003480, Nombre de Balayages : 1, Préamplificateur: Off, Préselecteur: Off

Polarisation: Horizontale

Distance: 3 m

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Avg Channel Low (Horizontale)
- Mes.Peak Channel High (Horizontale)
- Mes.Avg Channel High (Horizontale)





L C I E

Above 1GHz
802.11n HT40/ac VHT40
C18/C19/C20

Vertical Polarization

Description Sous-bande 2

Fréquences: 5.45 GHz - 5.8 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 50 ms/Pts, Atténuation: 153778904, Nombre de Balayages: 1, Préamplificateur: Off, Préselecteur: Off

Polarisation: Verticale

Distance: 3 m

FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/

Mes. Peak Channel Low (Verticale)

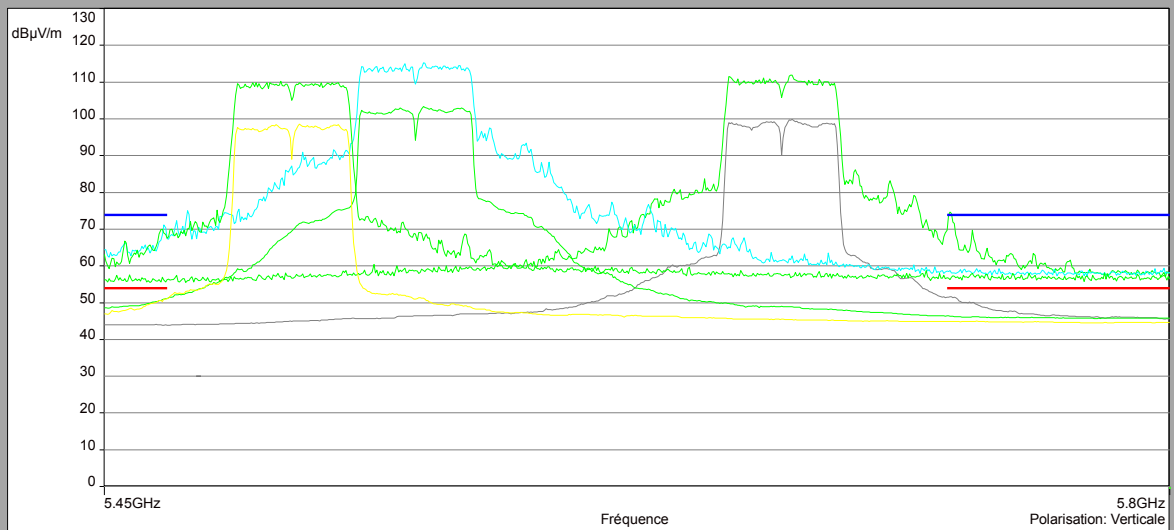
Mes. Avg Channel Low (Verticale)

Mes. Peak Channel Middle (Verticale)

Mes. Avg Channel Middle (Verticale)

Mes. Peak Channel High (Verticale)

Mes. Avg Channel High (Verticale)



Horizontal polarization

Description Sous-bande 1

Fréquences: 5.45 GHz - 5.8 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 50 ms/Pts, Atténuation: 153936952, Nombre de Balayages: 1, Préamplificateur: Off, Préselecteur: Off

Polarisation: Horizontale

Distance: 3 m

FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/

Mes. Peak Channel Low (Horizontale)

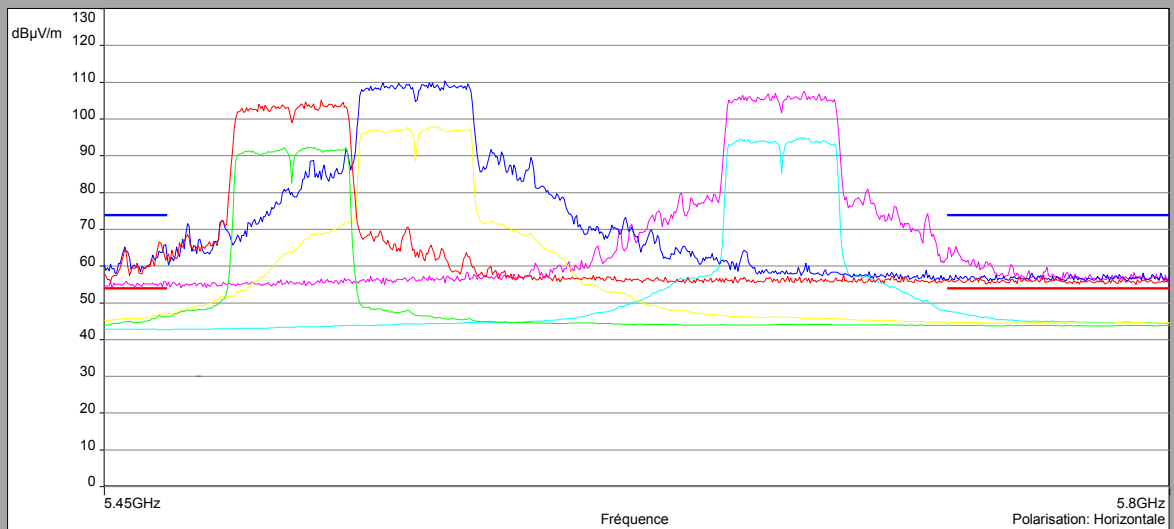
Mes. Avg Channel Low (Horizontale)

Mes. Peak Channel Middle (Horizontale)

Mes. Avg Channel Middle (Horizontale)

Mes. Peak Channel High (Horizontale)

Mes. Avg Channel High (Horizontale)





L C I E

Above 1GHz
802.11n HT40/ac VHT40
C22/C23
Vertical Polarization

Description Sous-bande 2

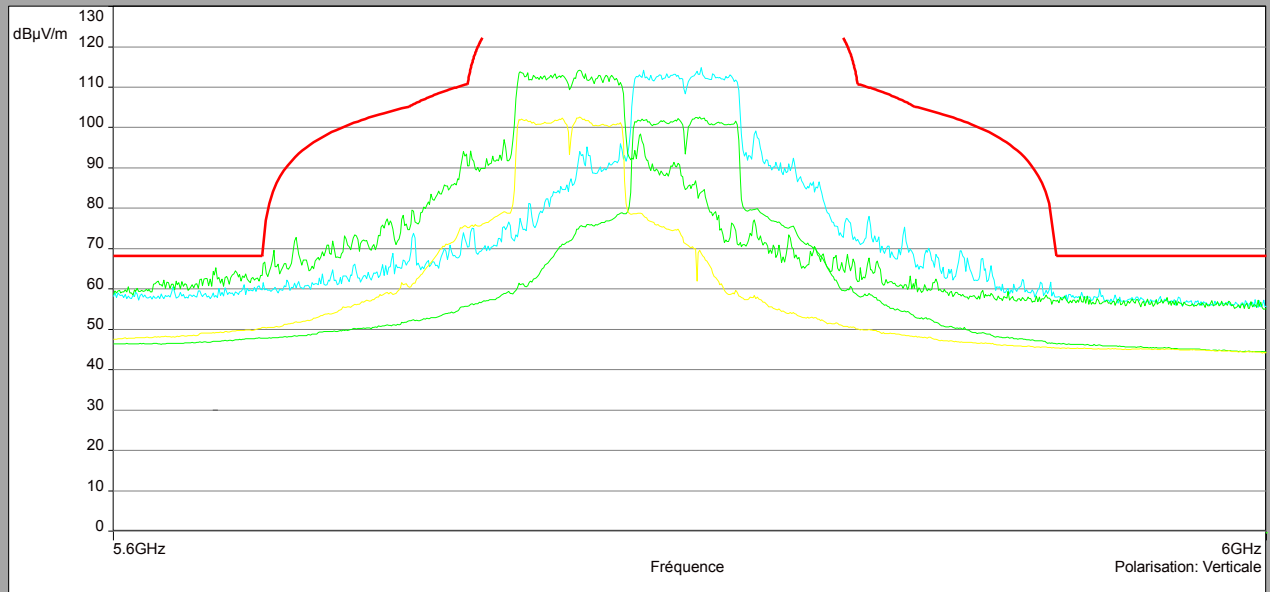
Fréquences: 5.6 GHz - 6 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 10 ms/Pts, Atténuation: 152882728, Nombre de Balayages: 1, Préamplificateur: Off, Préselecteur: Off

Polarisation: Verticale

Distance: 3 m

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak Channel Low (Verticale)
Mes.Avg Channel Low (Verticale)
Mes.Peak Channel High (Verticale)
Mes.Avg Channel High (Verticale)



Horizontal polarization

Description Sous-bande 1

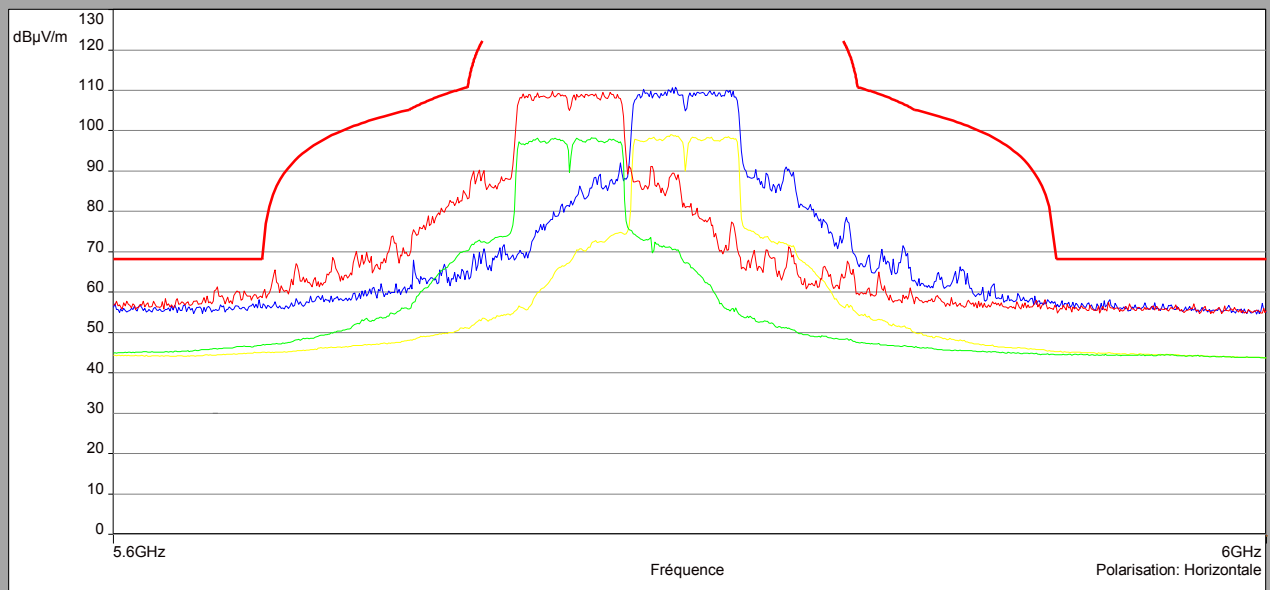
Fréquences: 5.6 GHz - 6 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 10 ms/Pts, Atténuation: 152883496, Nombre de Balayages: 1, Préamplificateur: Off, Préselecteur: Off

Polarisation: Horizontale

Distance: 3 m

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak Channel Low (Horizontale)
Mes.Avg Channel Low (Horizontale)
Mes.Peak Channel High (Horizontale)
Mes.Avg Channel High (Horizontale)





L C I E

Above 1GHz

802.11ac VHT80

C24

Vertical Polarization

Description Sous-bande 2

Fréquences: 5.1 GHz - 5.4 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 50 ms/Pts, Atténuation: 154220168, Nombre de Balayages: 1, Preamp: Off, Preselecteur: Off

Polarisation: Verticale

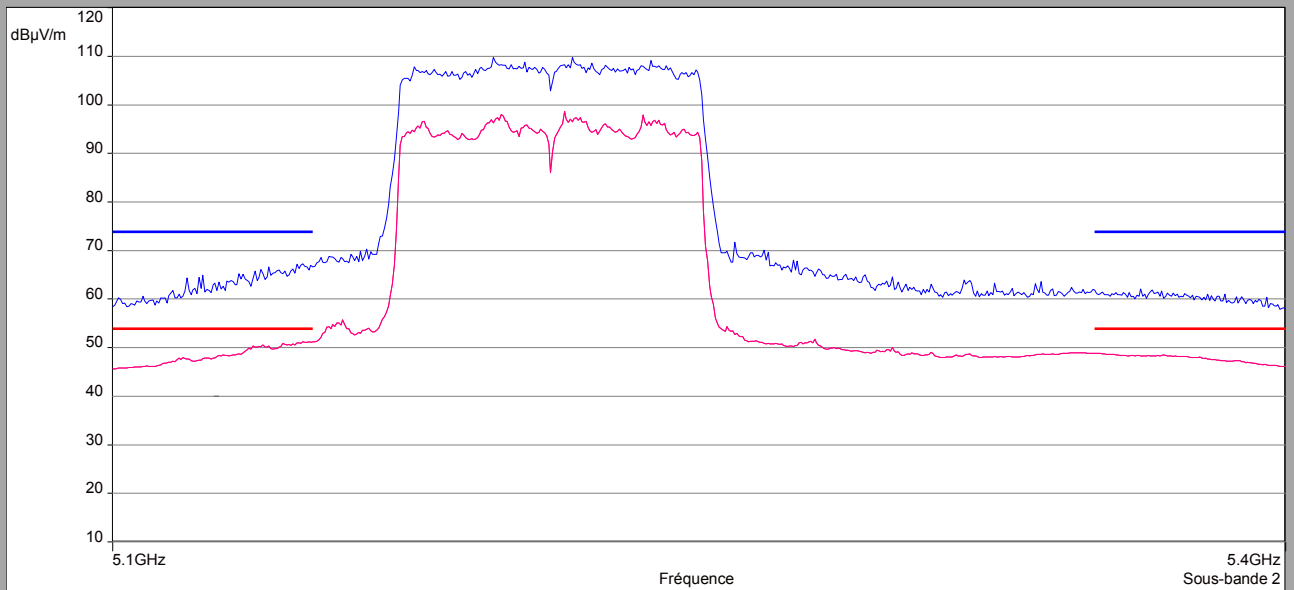
Distance: 3 m

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/

Mes. Peak (Verticale)

Mes. Avg (Verticale)



Horizontal polarization

Description Sous-bande 1

Fréquences: 5.1 GHz - 5.4 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 50 ms/Pts, Atténuation: 154220264, Nombre de Balayages: 1, Preamp: Off, Preselecteur: Off

Polarisation: Horizontale

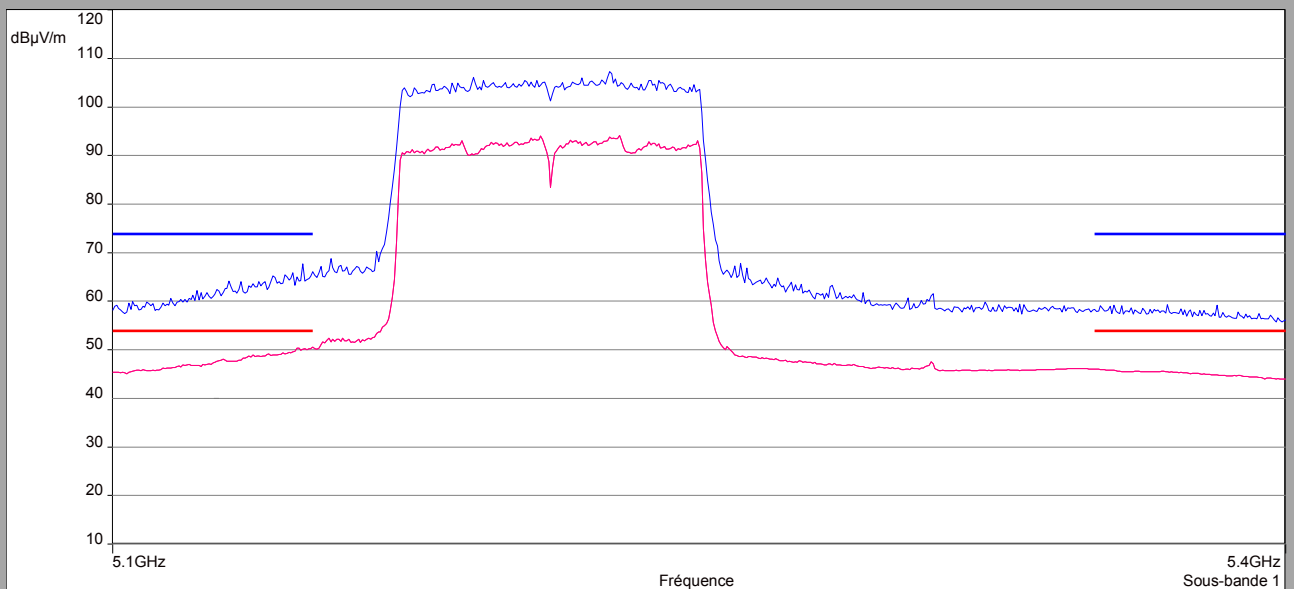
Distance: 3 m

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/

Mes. Peak (Horizontale)

Mes. Avg (Horizontale)





L C I E

Above 1GHz
802.11ac VHT80
C25

Vertical Polarization

Description Sous-bande 2

Fréquences: 5.1 GHz - 5.4 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 10 ms/Pts, Atténuation: 157494264, Nombre de Balayages: 1, Preamp: Off, Preselector: Off

Polarisation: Verticale

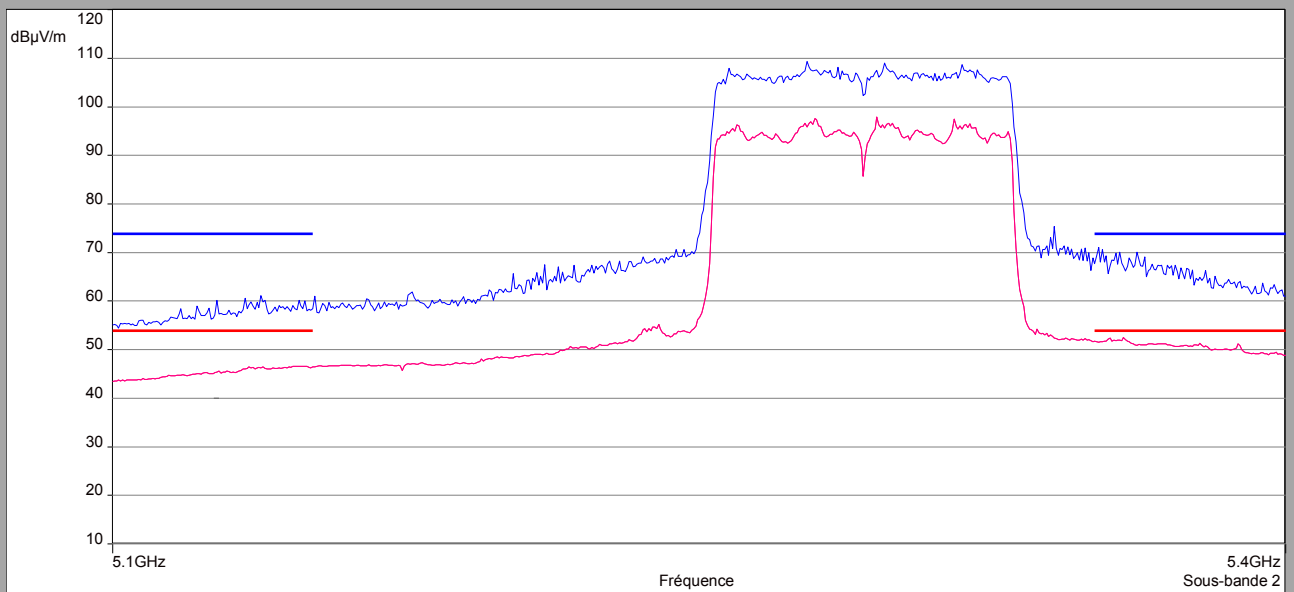
Distance: 3 m

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/

Mes. Peak (Verticale)

Mes.Avg (Verticale)



Horizontal polarization

Description Sous-bande 1

Fréquences: 5.1 GHz - 5.4 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 10 ms/Pts, Atténuation: 157494360, Nombre de Balayages: 1, Preamp: Off, Preselector: Off

Polarisation: Horizontale

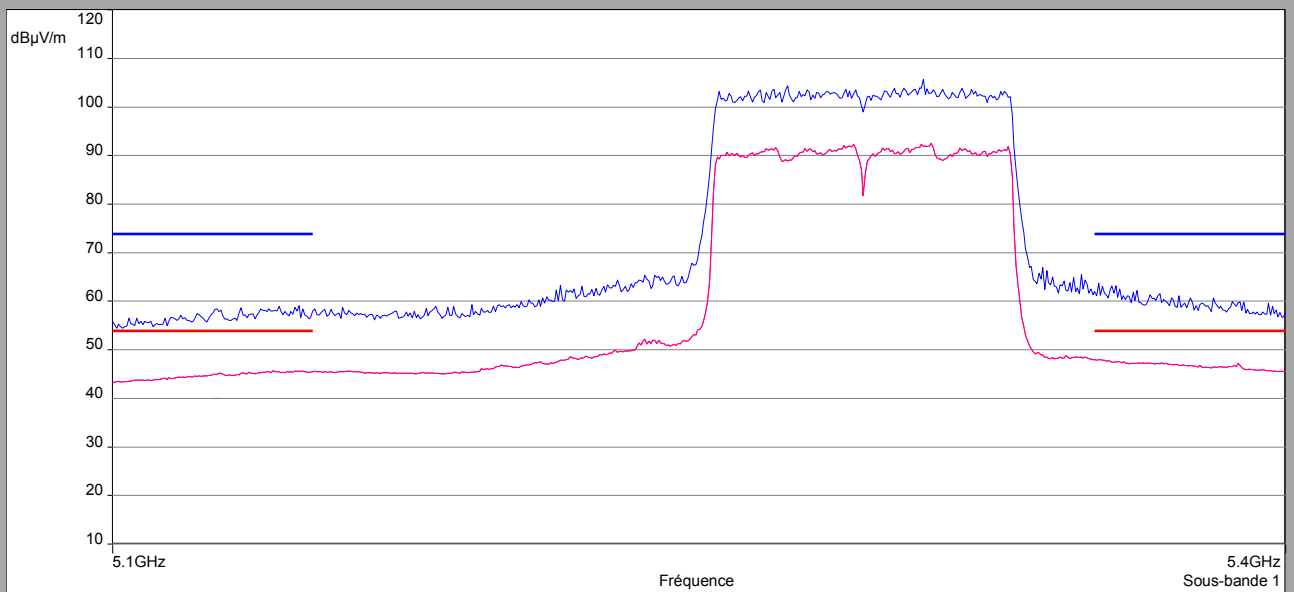
Distance: 3 m

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/

Mes. Peak (Horizontale)

Mes.Avg (Horizontale)





L C I E

Above 1GHz

802.11ac VHT80

C26/C27

Vertical Polarization

Description Sous-bande 2

Fréquences: 5.45 GHz - 5.8 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 50 ms/Pts, Atténuation: 206599664, Nombre de Balayages: 1, Préamplificateur: Off, Préselecteur: Off

Polarisation: Verticale

Distance: 3 m

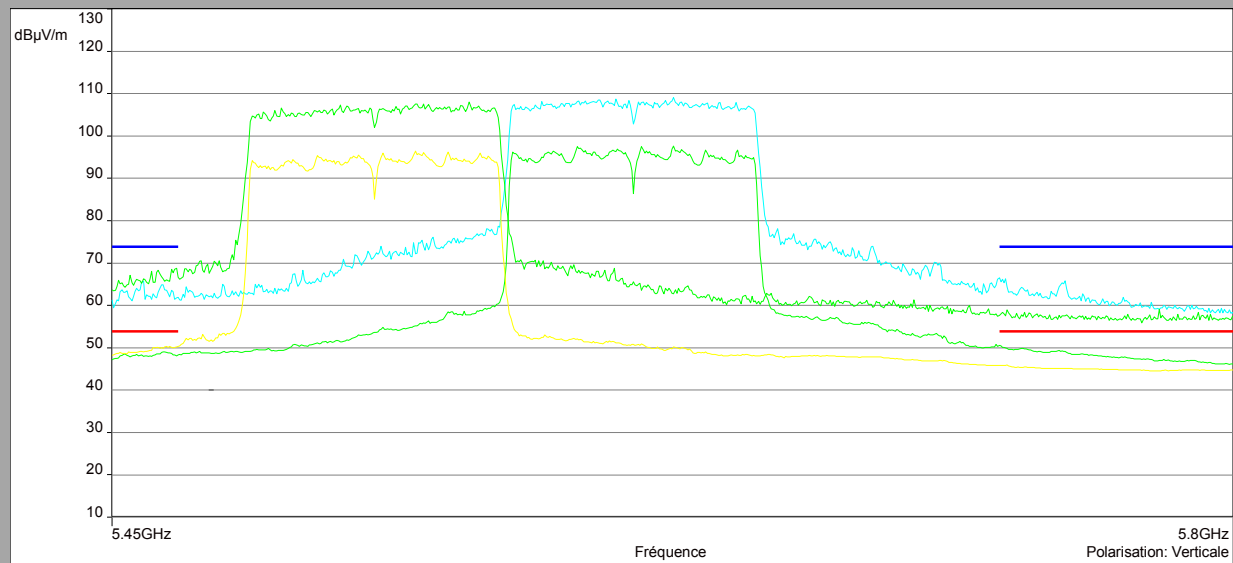
FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/

Mes.Avg Channel Low (Verticale)

Mes.Peak Channel High (Verticale)

Mes.Avg Channel High (Verticale)



Horizontal polarization

Description Sous-bande 1

Fréquences: 5.45 GHz - 5.8 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 50 ms/Pts, Atténuation: 153446352, Nombre de Balayages: 1, Préamplificateur: Off, Préselecteur: Off

Polarisation: Horizontale

Distance: 3 m

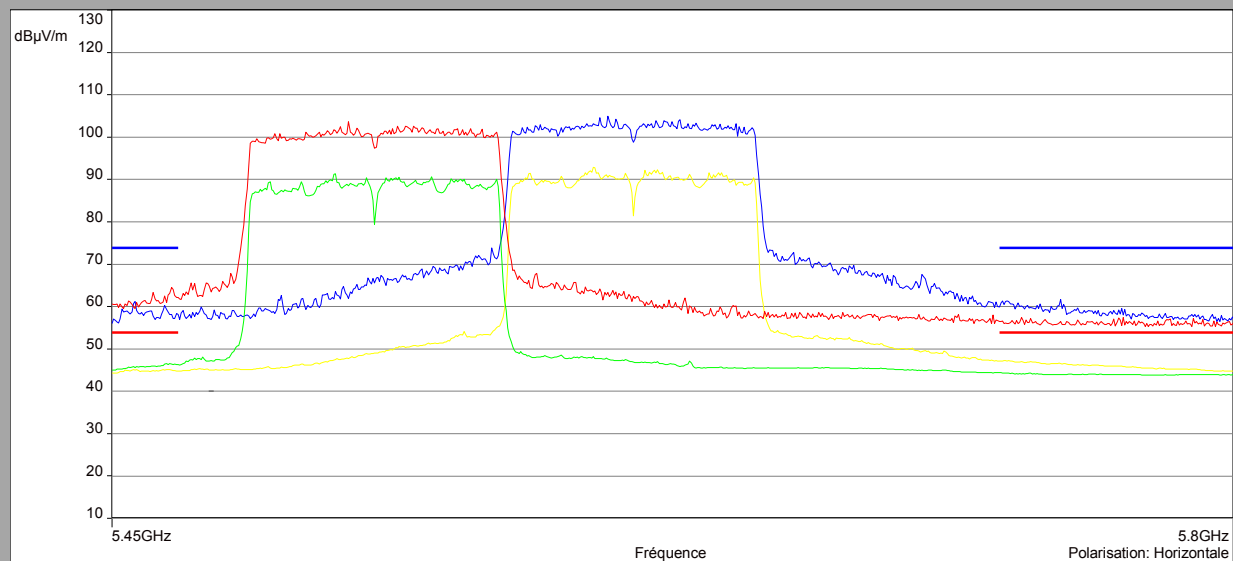
FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/

FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/

Mes.Avg Channel Low (Horizontale)

Mes.Peak Channel High (Horizontale)

Mes.Avg Channel High (Horizontale)





L C I E

Above 1GHz
802.11ac VHT80
C29

Vertical Polarization

Description Sous-bande 2

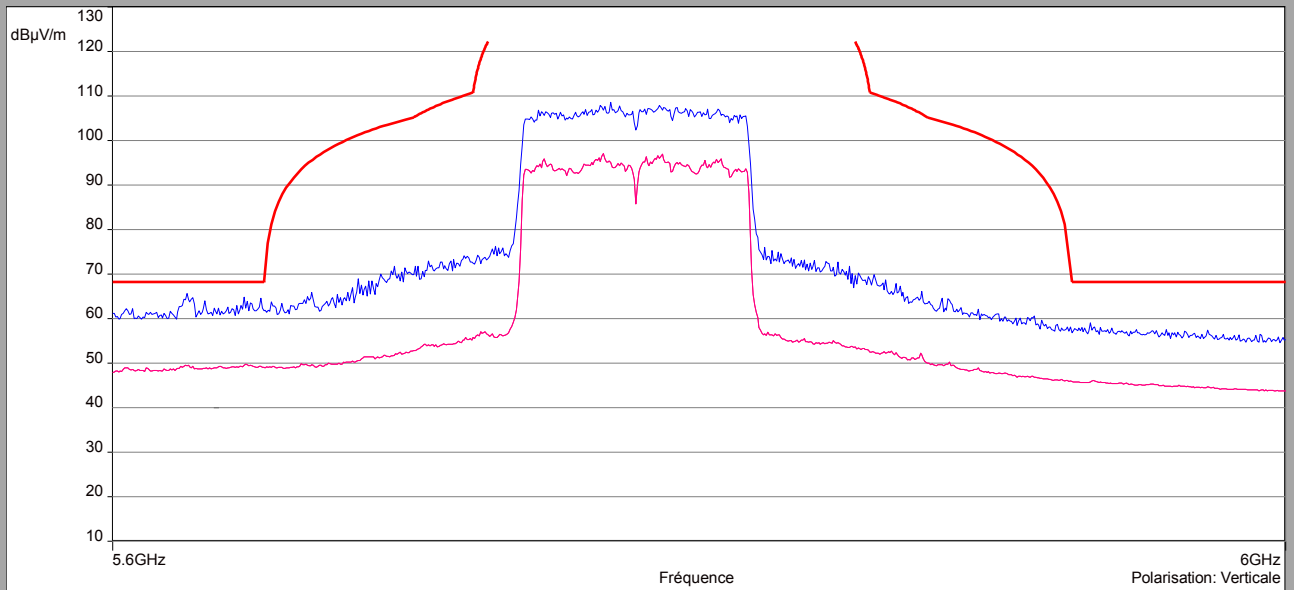
Fréquences: 5.6 GHz - 6 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 10 ms/Pts, Atténuation: 204215392, Nombre de Balayages: 1, Preamp: On, 20 dB LPF, Preamp: Off, Preselecteur: Off

Polarisation: Verticale

Distance: 3 m

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Verticale)
Mes.Avg (Verticale)



Horizontal polarization

Description Sous-bande 1

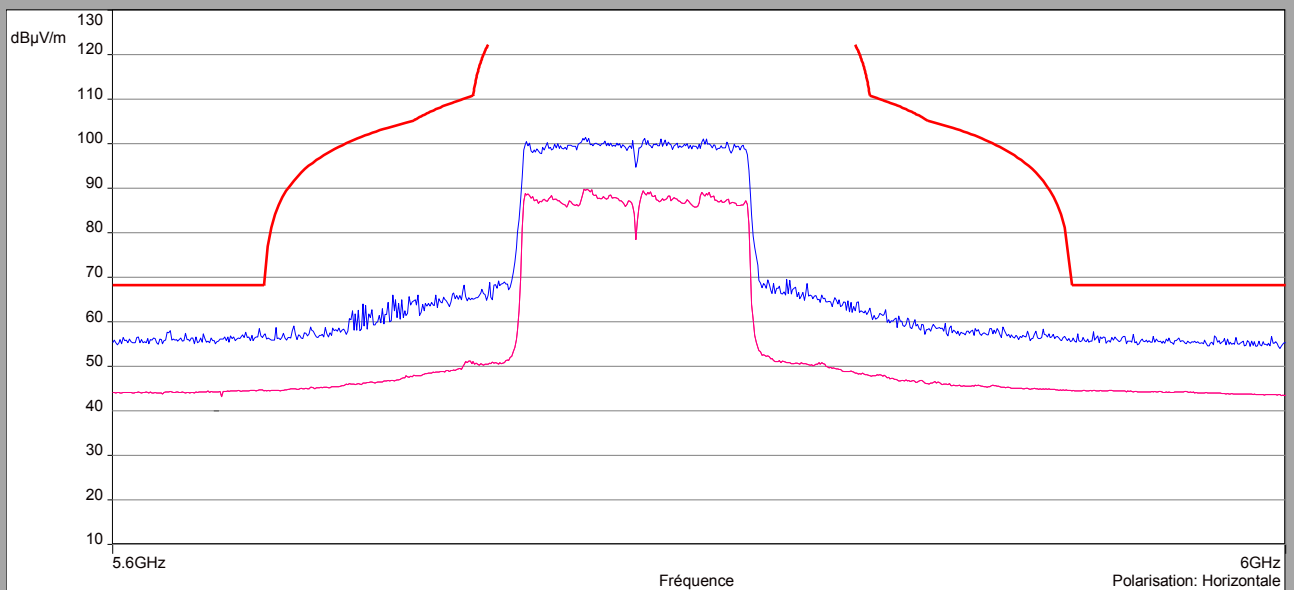
Fréquences: 5.6 GHz - 6 GHz (Mode: Lin, Pas: 500 kHz)

Réglages: RBW: 1 MHz, VBW: Auto, Durée balayage: 10 ms/Pts, Atténuation: 204215424, Nombre de Balayages: 1, Preamp: On, 20 dB LPF, Preamp: Off, Preselecteur: Off

Polarisation: Horizontale

Distance: 3 m

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Horizontale)
Mes.Avg (Horizontale)





L C I E

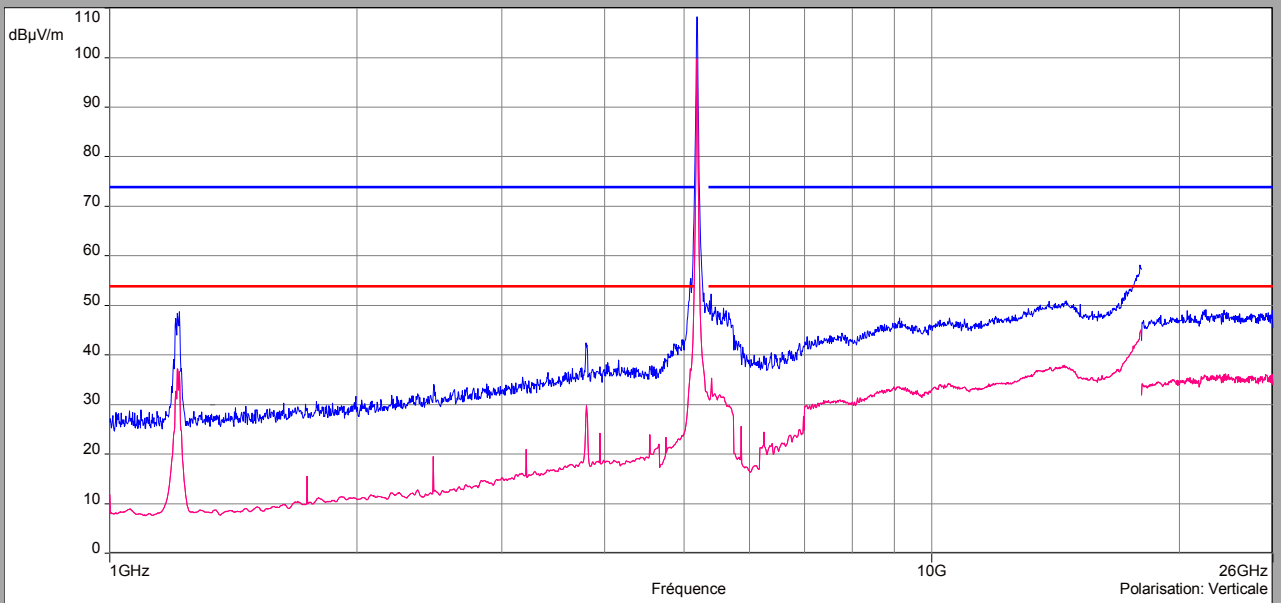
Above 1GHz

802.11a

C1

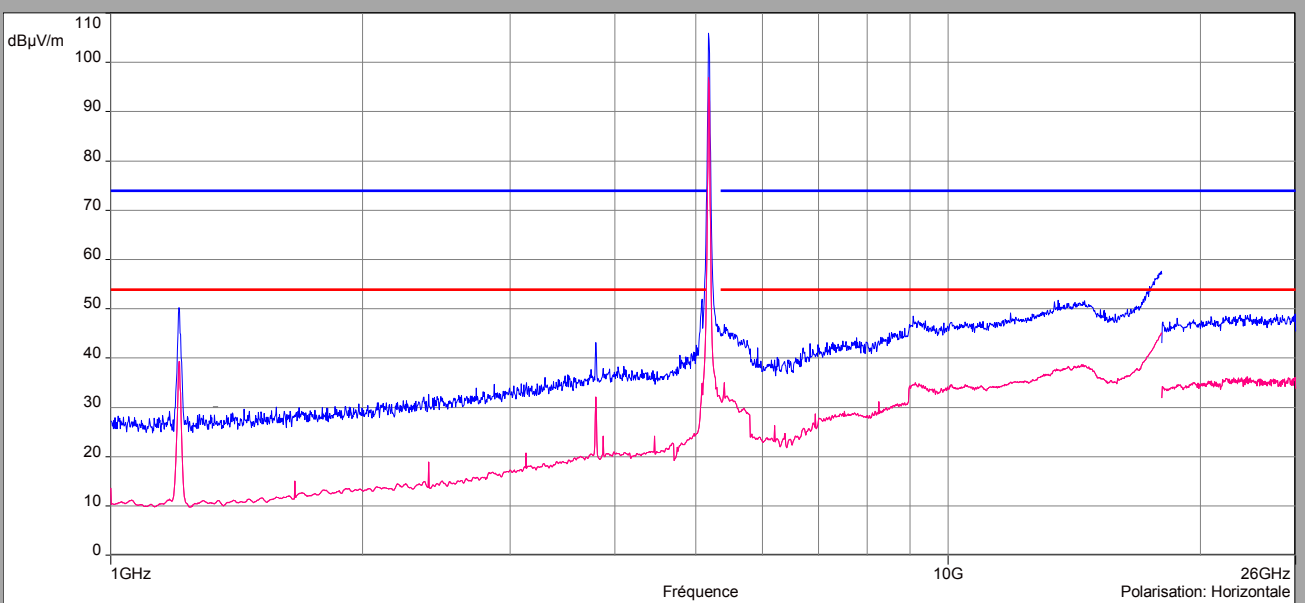
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)





L C I E

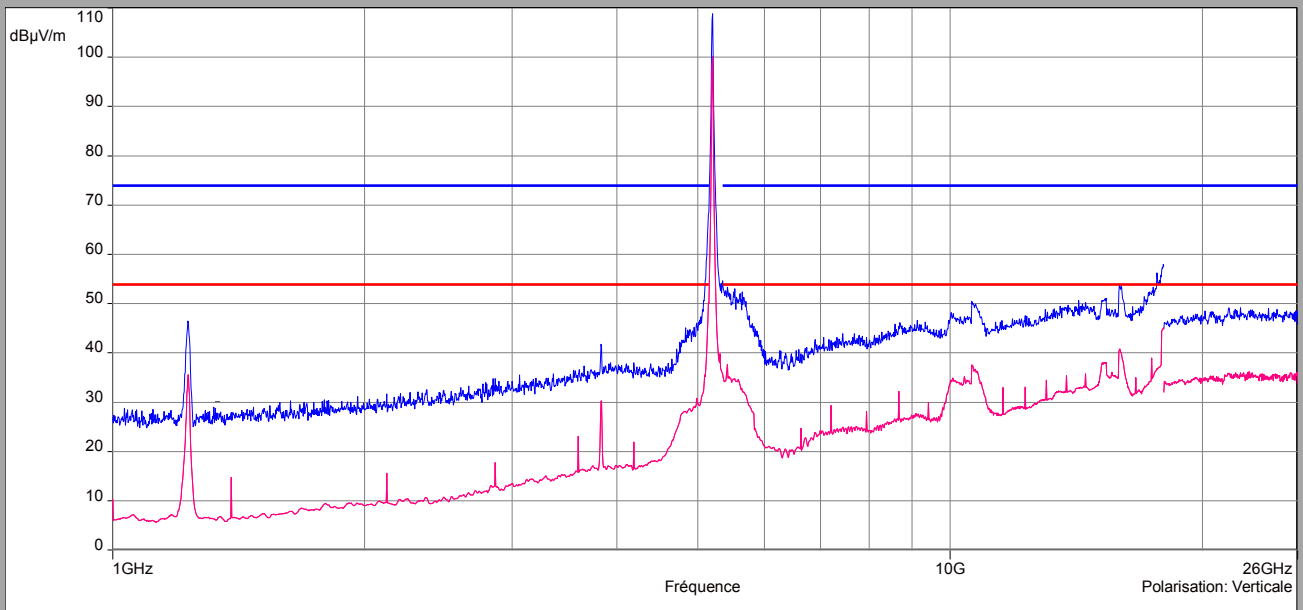
Above 1GHz

802.11a

C2

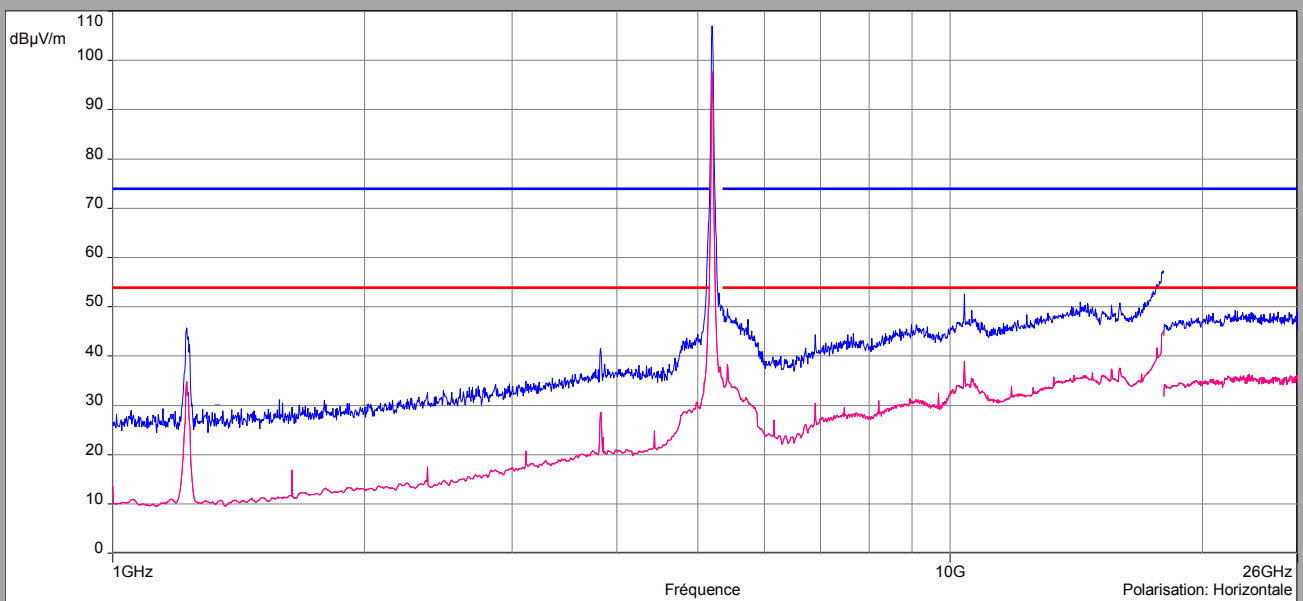
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)





L C I E

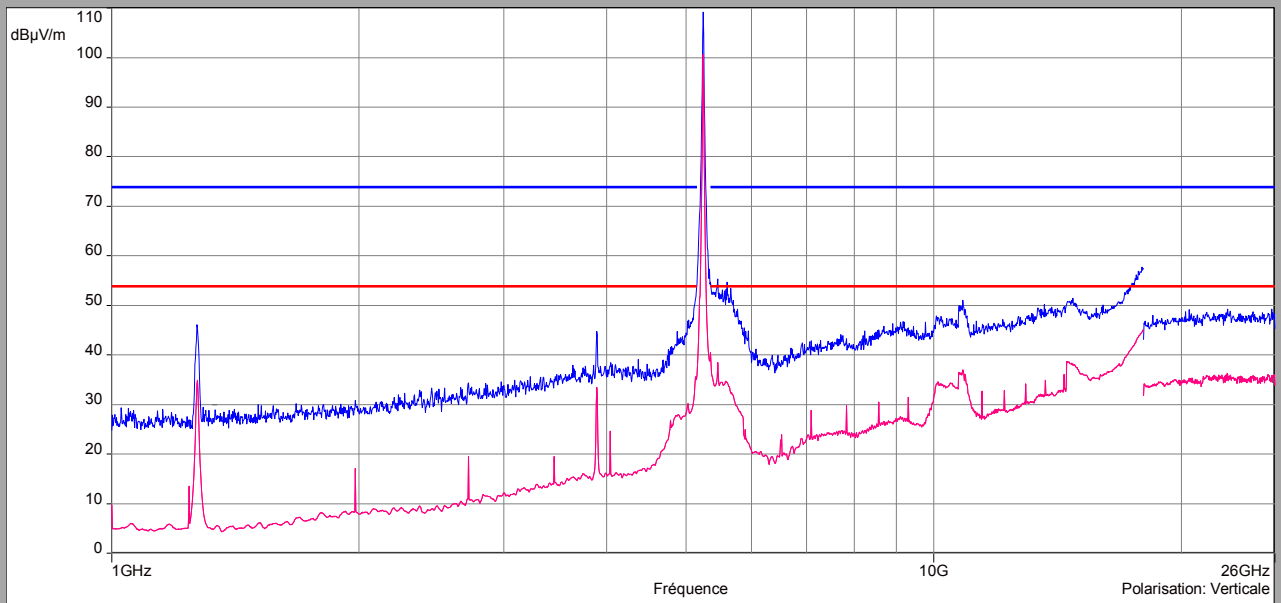
Above 1GHz

802.11a

C3

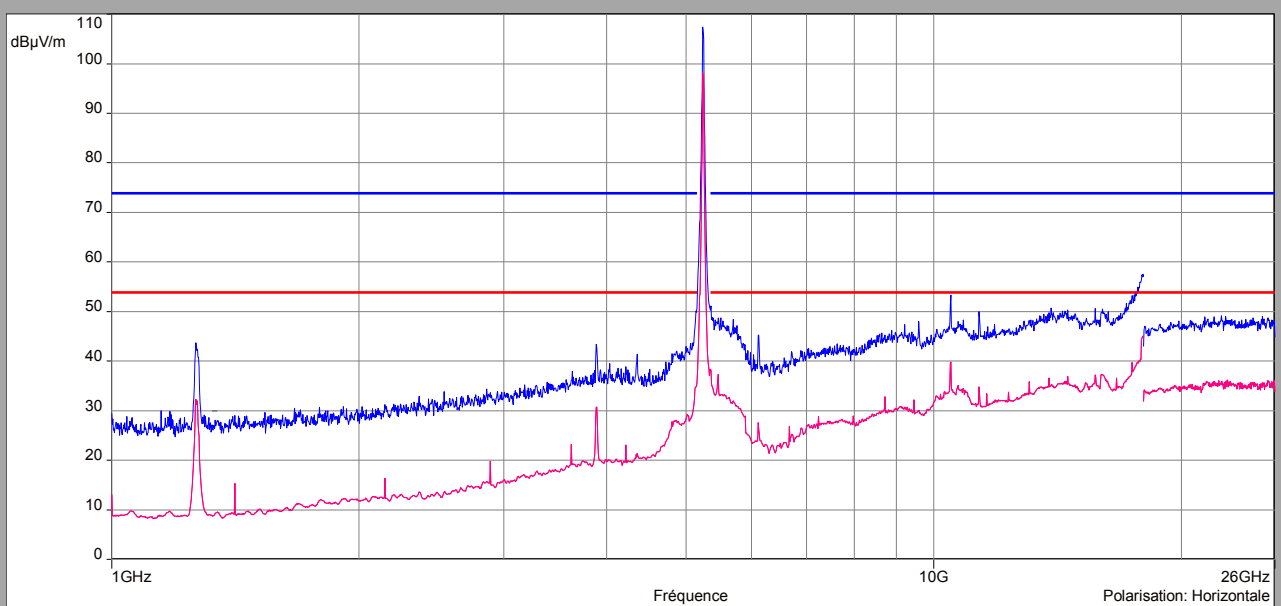
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)





L C I E

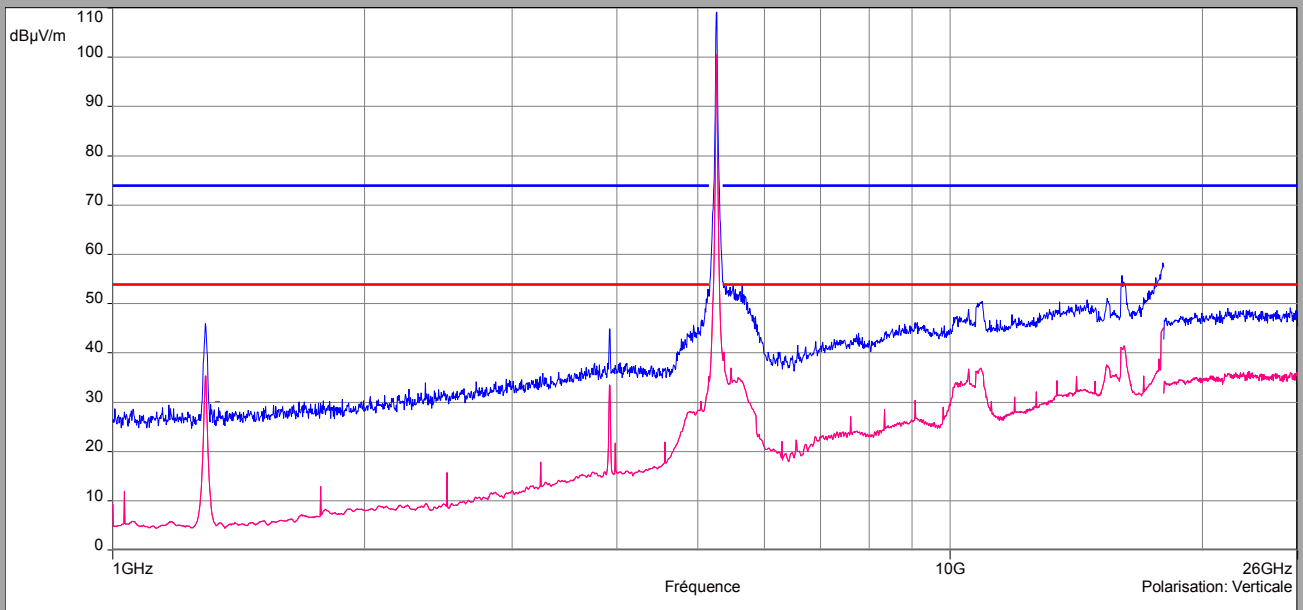
Above 1GHz

802.11a

C4

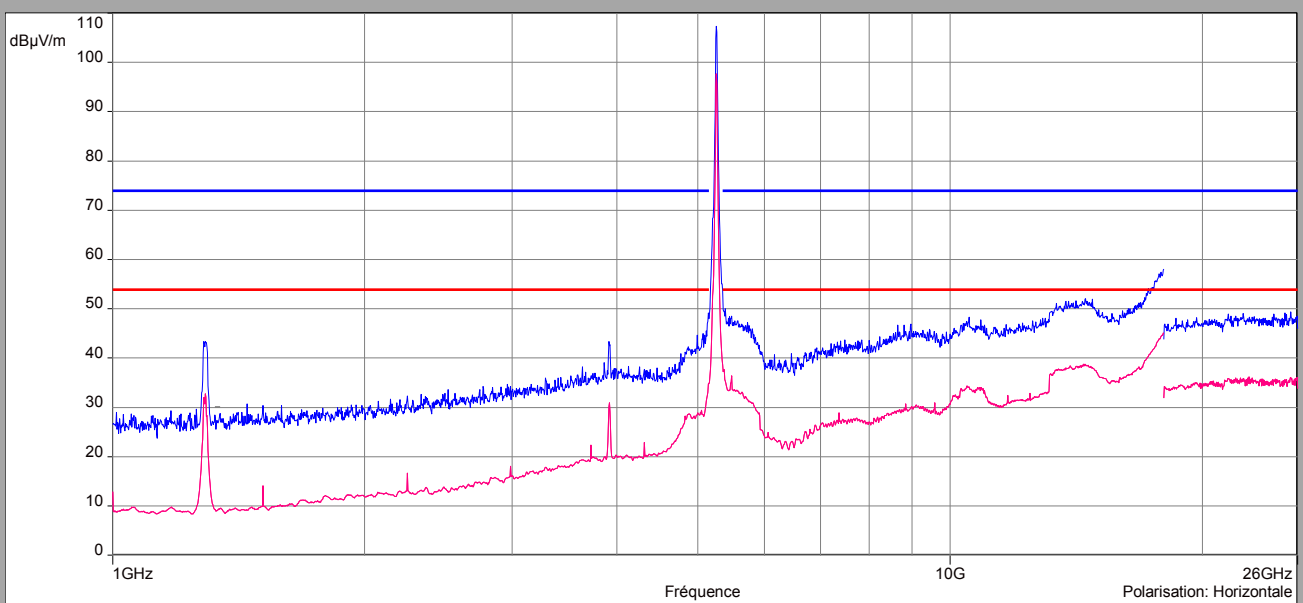
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)





L C I E

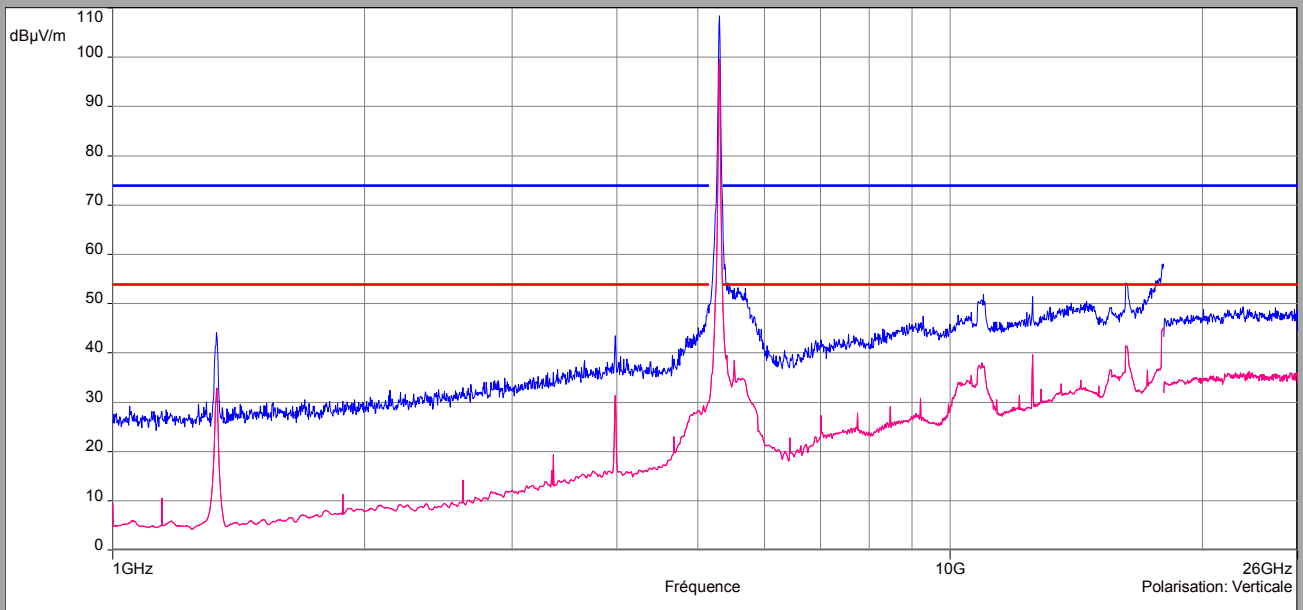
Above 1GHz

802.11a

C5

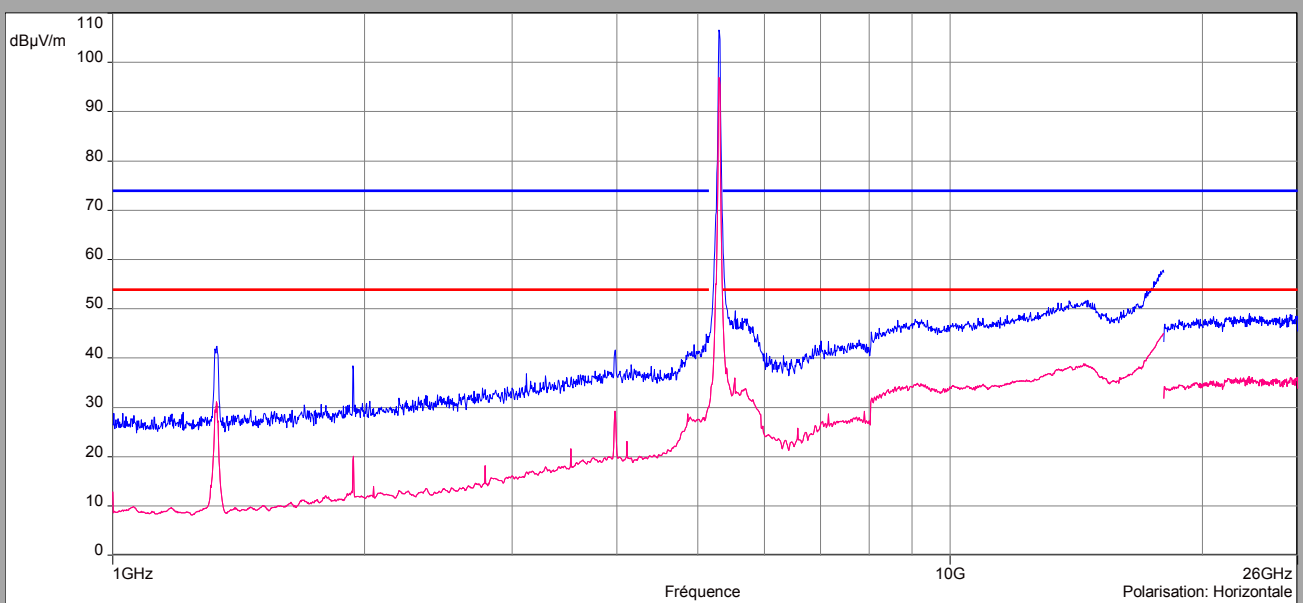
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)





L C I E

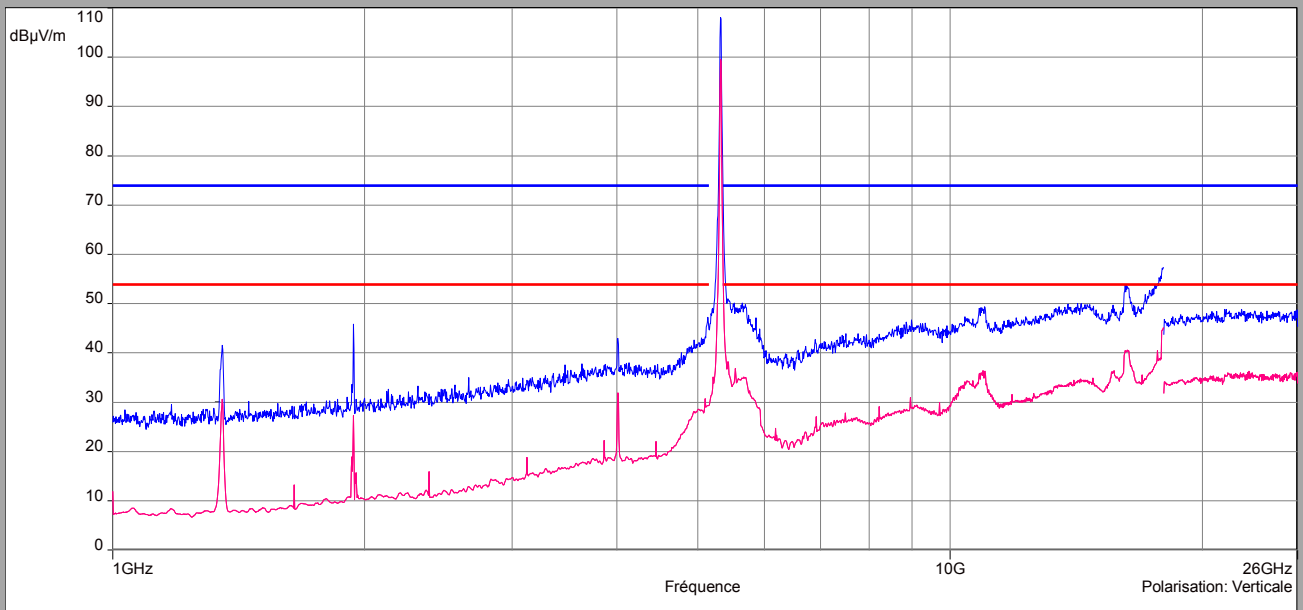
Above 1GHz

802.11a

C6

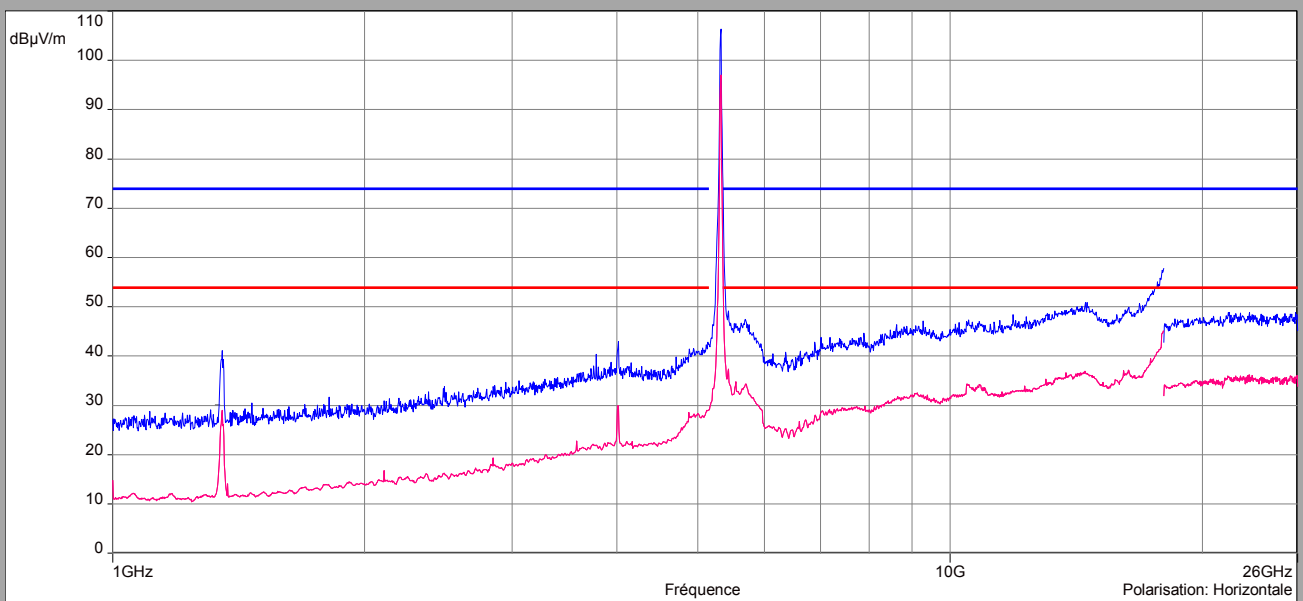
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)





L C I E

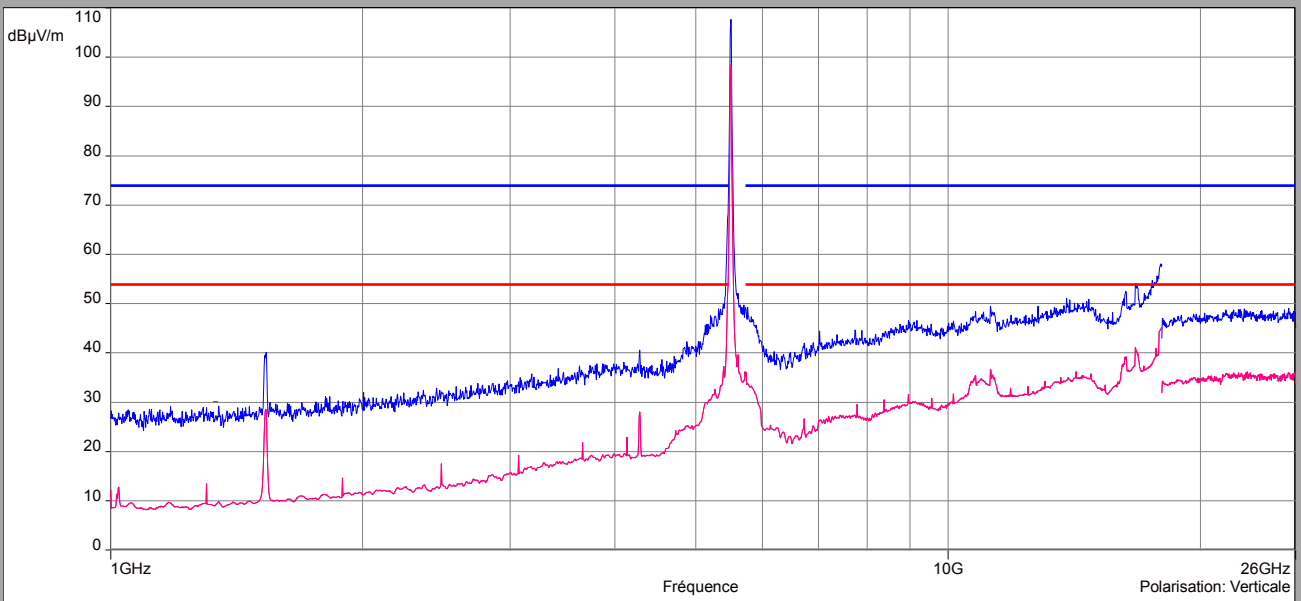
Above 1GHz

802.11a

C7

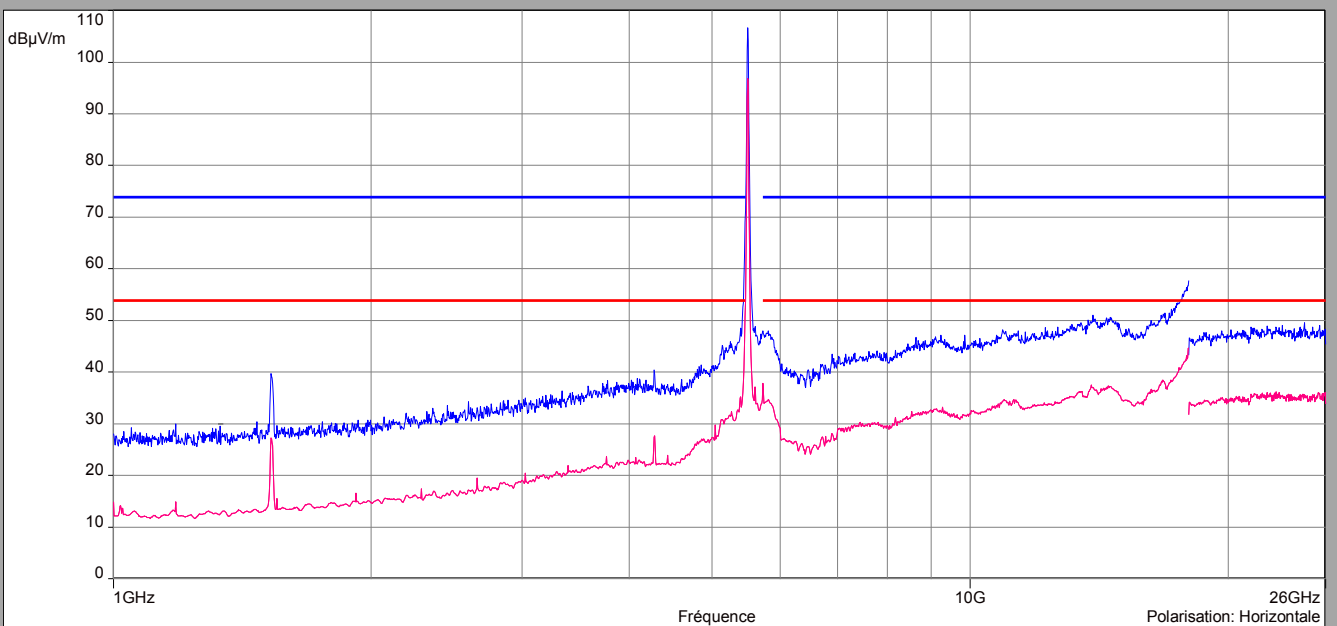
Vertical Polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)





L C I E

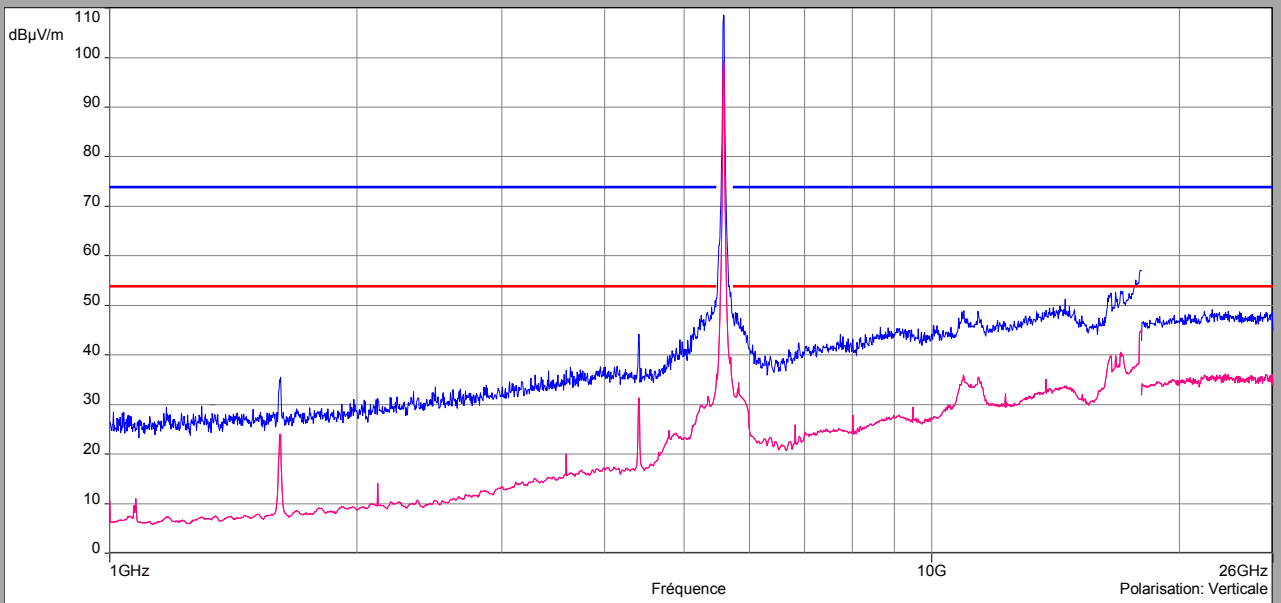
Above 1GHz

802.11a

C8

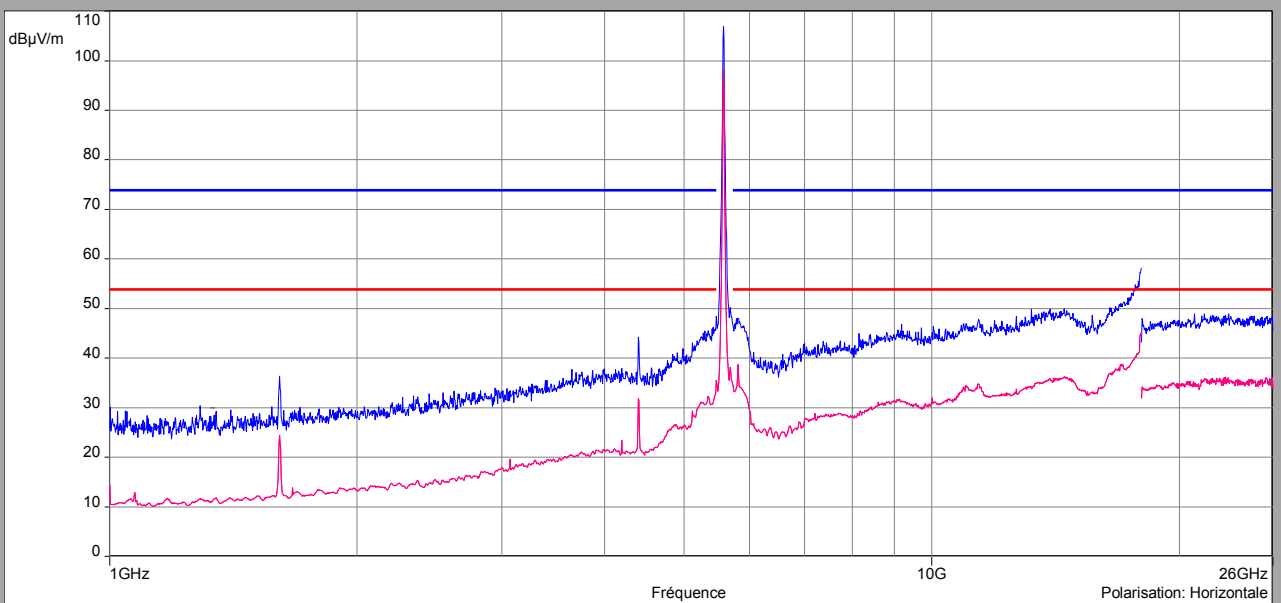
Vertical Polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)





L C I E

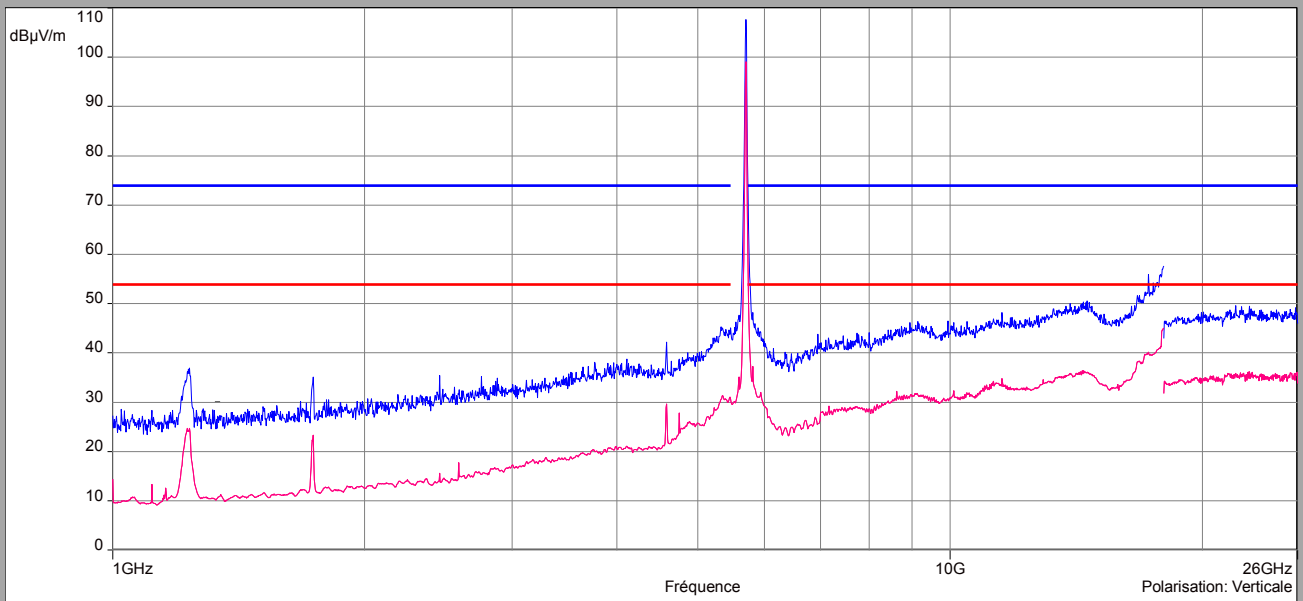
Above 1GHz

802.11a

C9

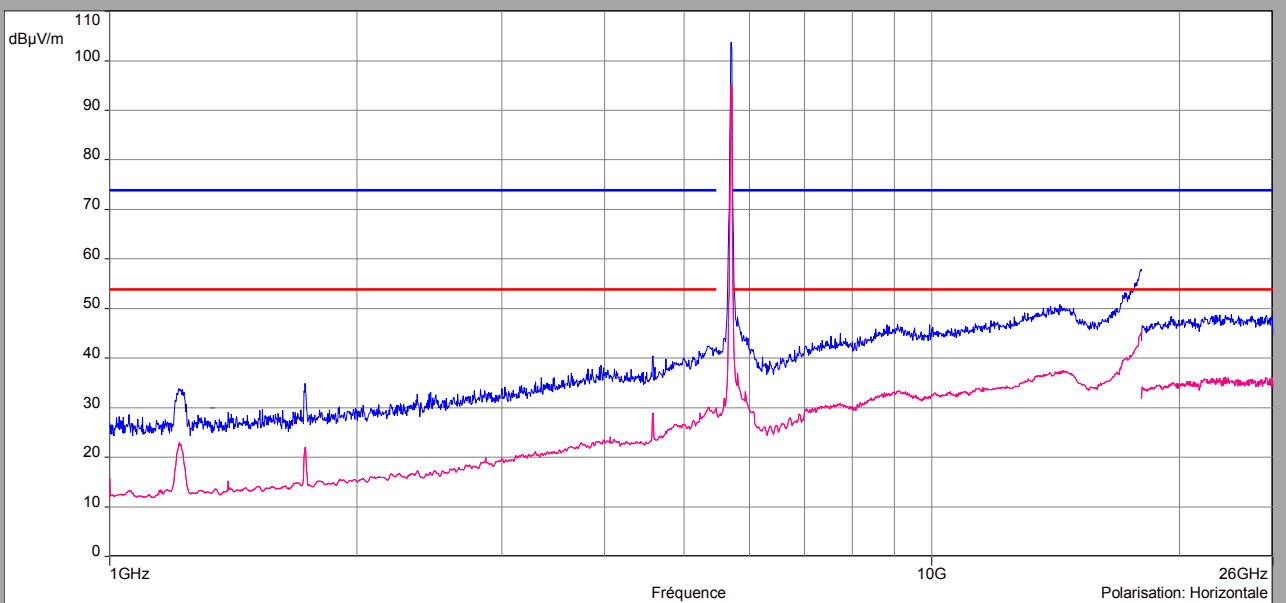
Vertical Polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)





L C I E

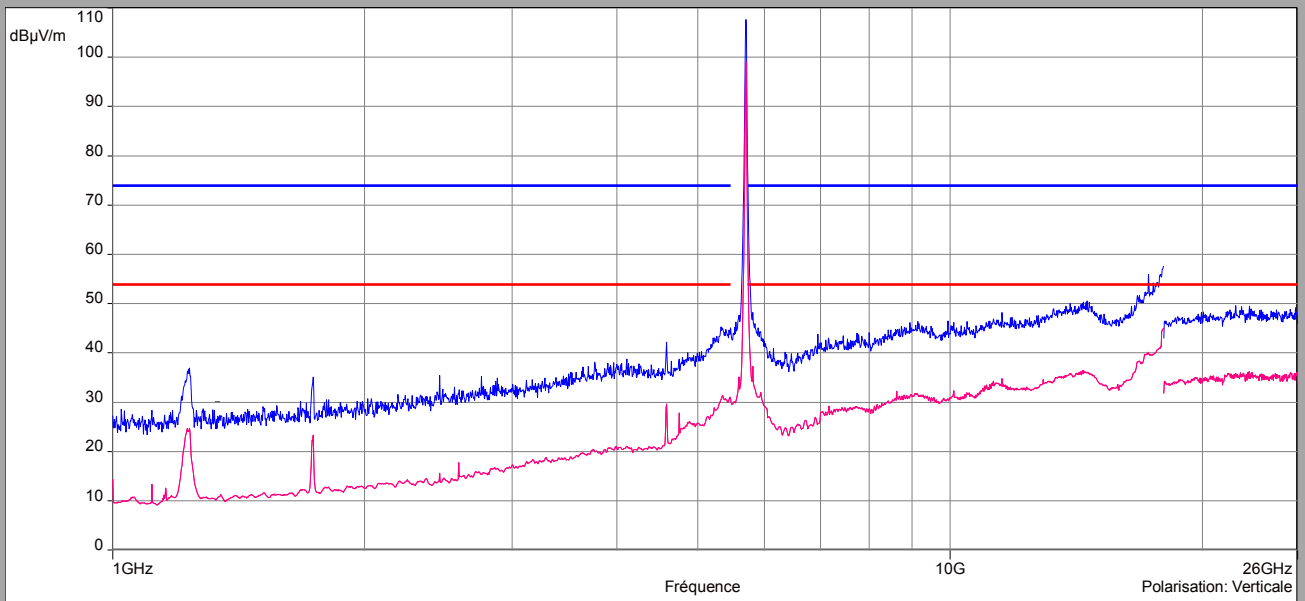
Above 1GHz

802.11a

C10

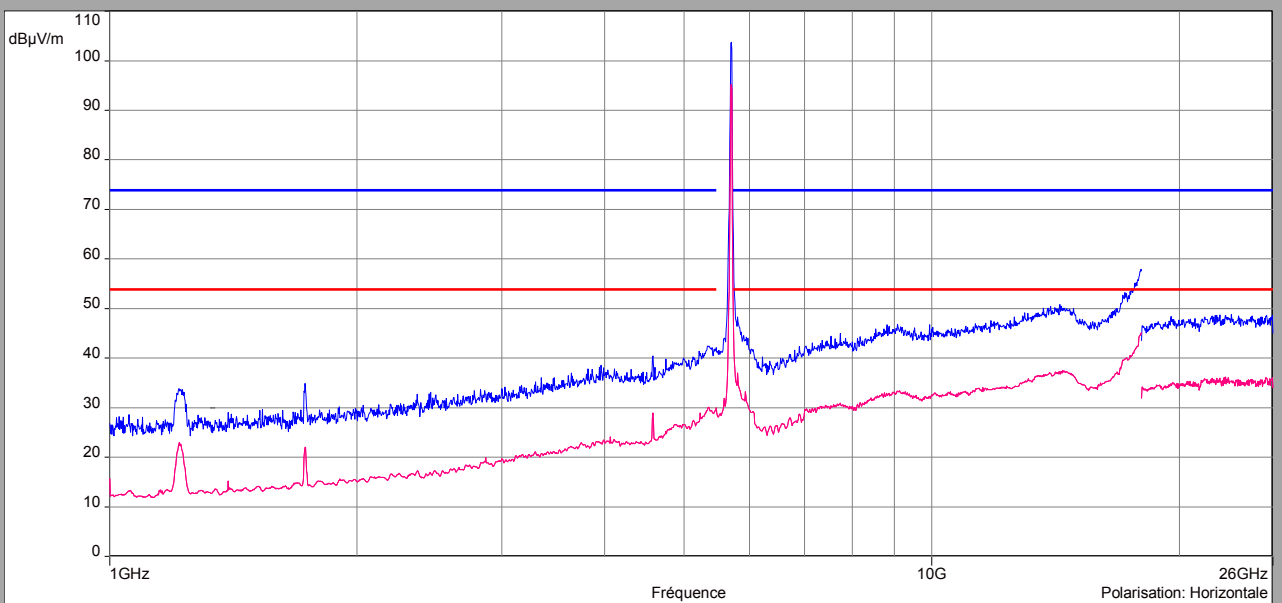
Vertical Polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)





L C I E

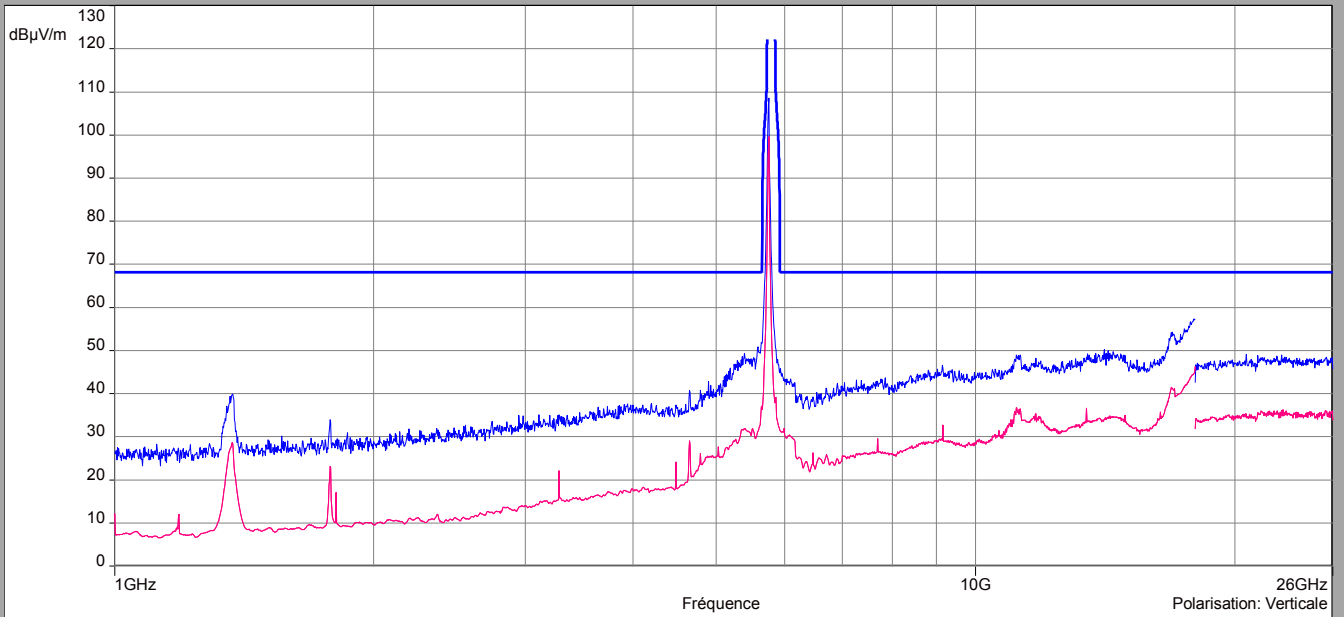
Above 1GHz

802.11a

C11

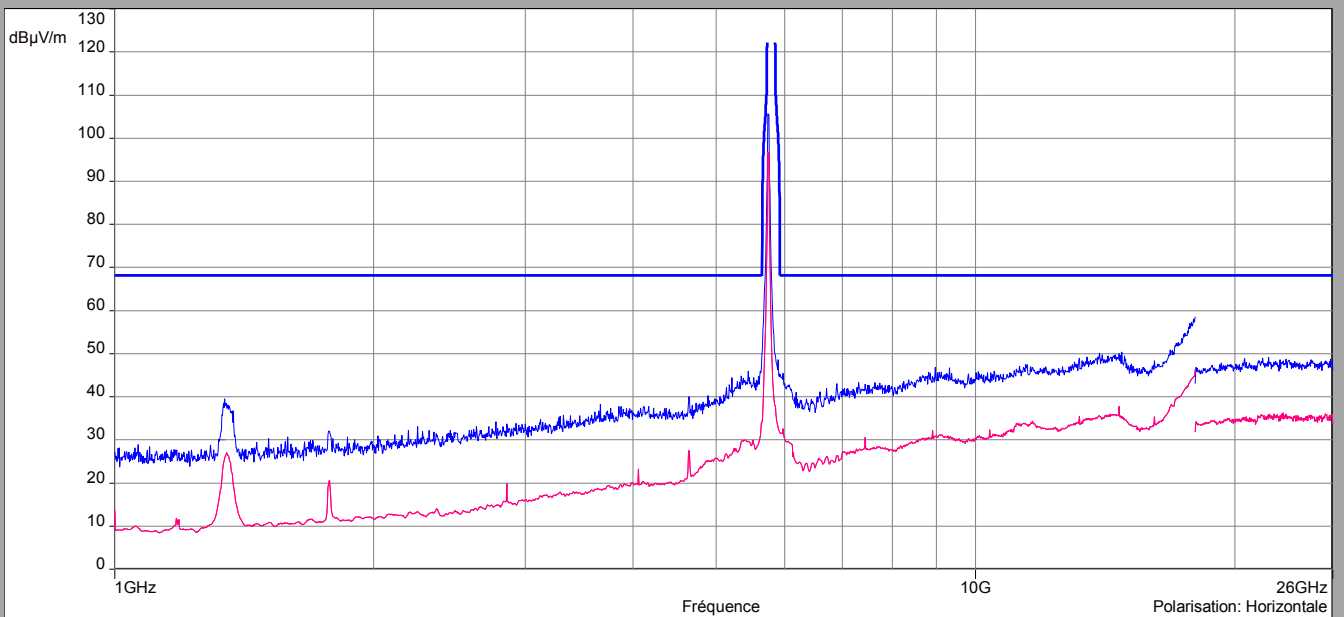
Vertical Polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Verticale)
Mes.Avg (Verticale)



Horizontal polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Horizontale)
Mes.Avg (Horizontale)





L C I E

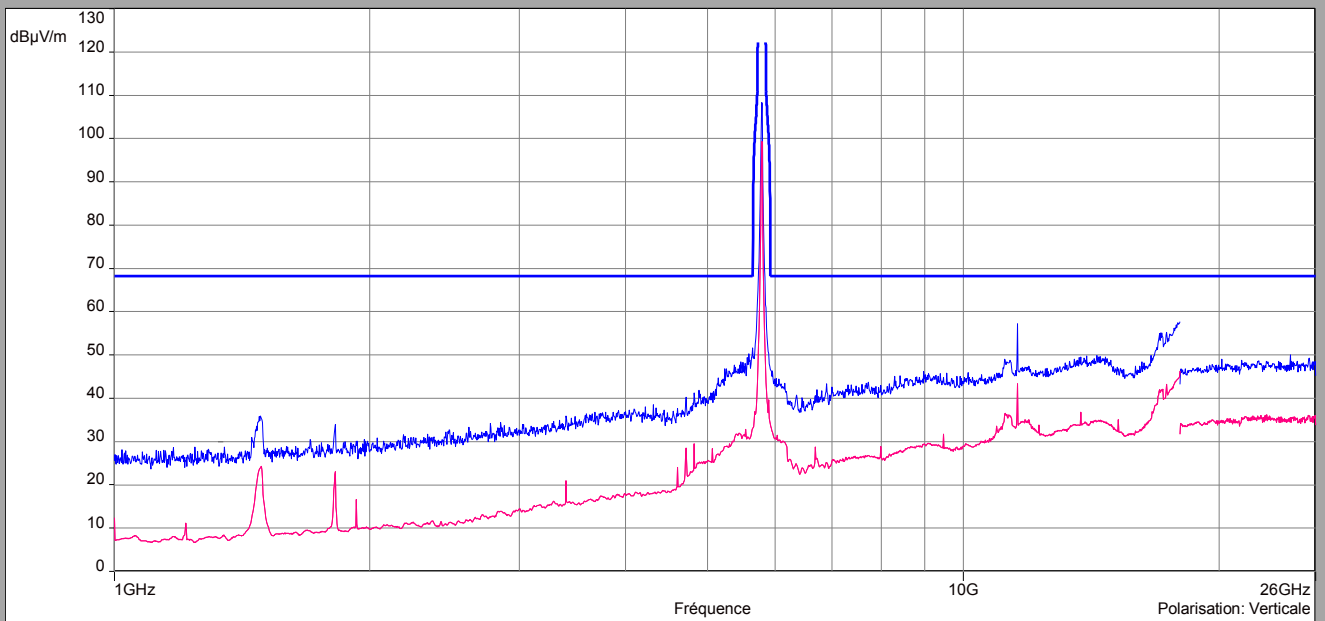
Above 1GHz

802.11a

C12

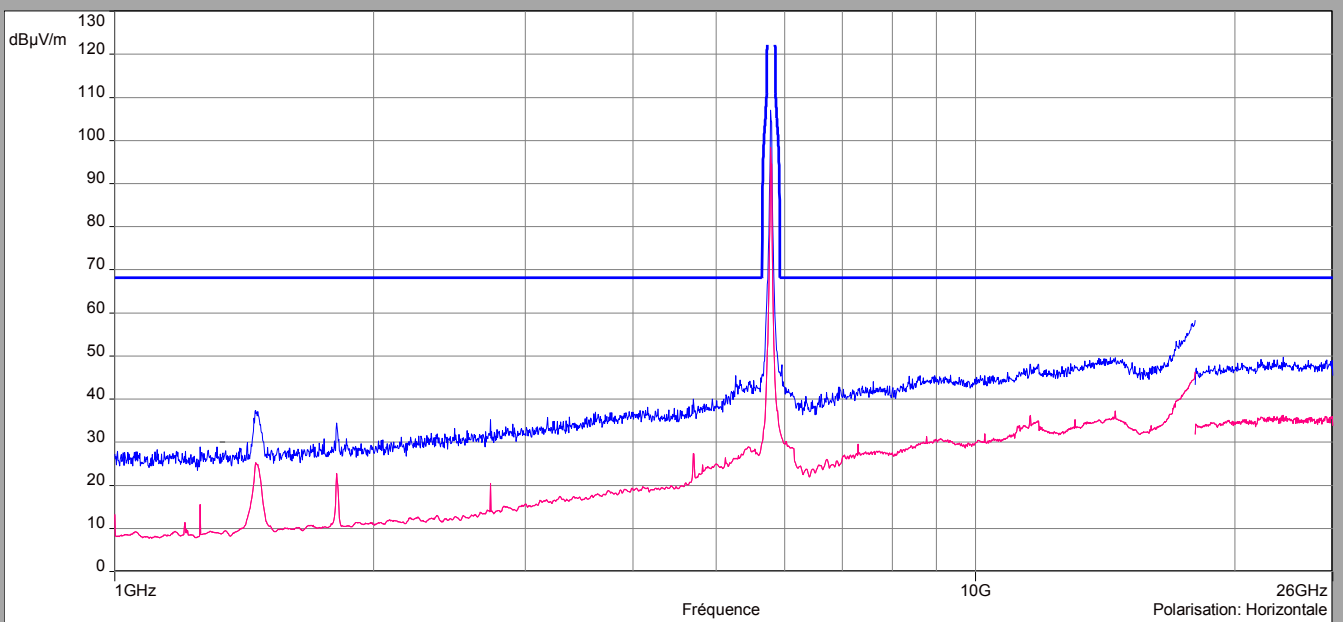
Vertical Polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Verticale)
Mes.Avg (Verticale)



Horizontal polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Horizontale)
Mes.Avg (Horizontale)





L C I E

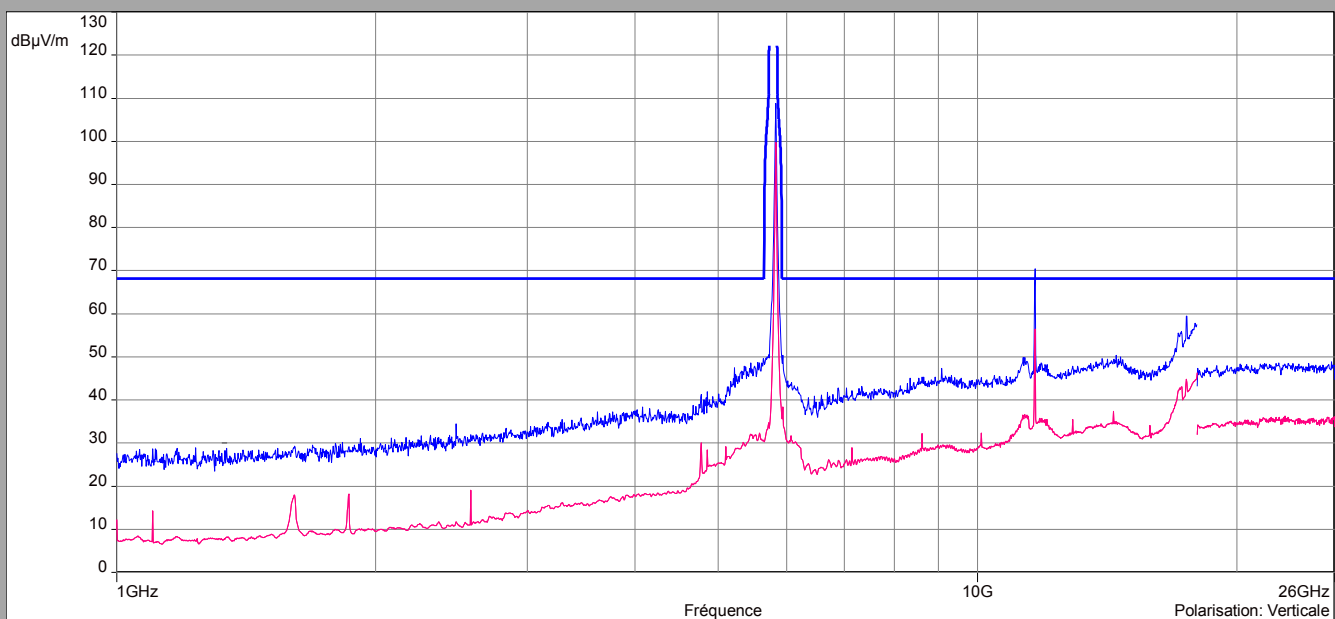
Above 1GHz

802.11a

C13

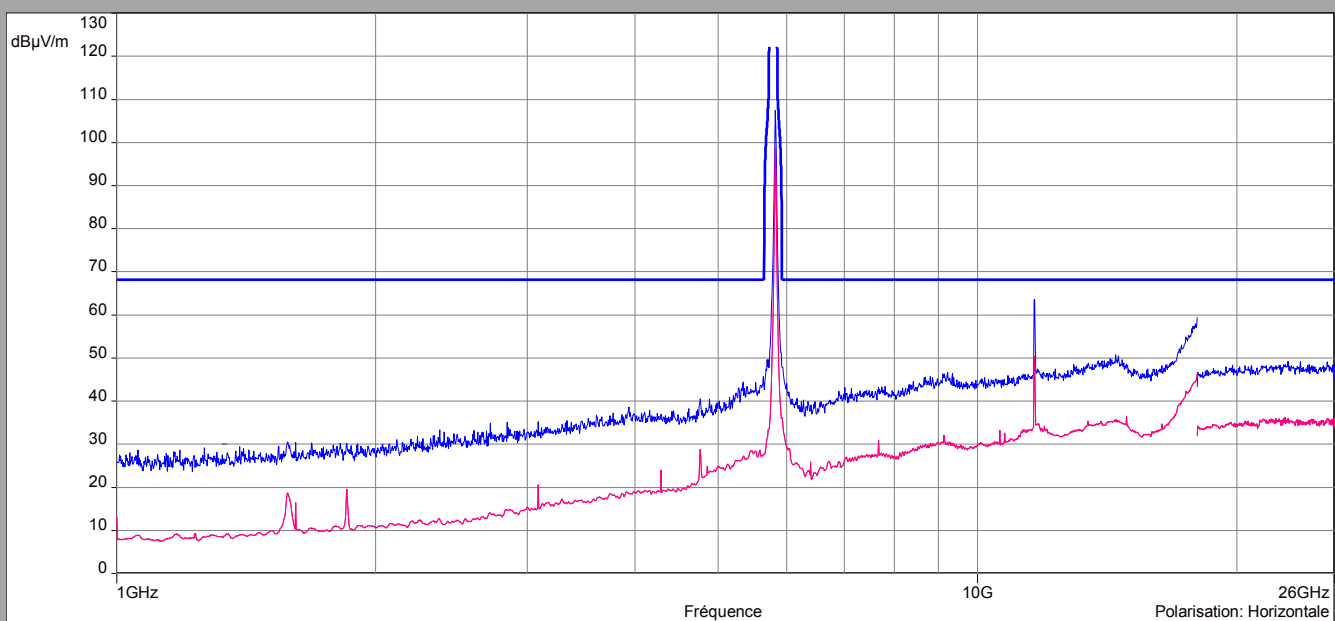
Vertical Polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Verticale)
Mes.Avg (Verticale)



Horizontal polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Horizontale)
Mes.Avg (Horizontale)



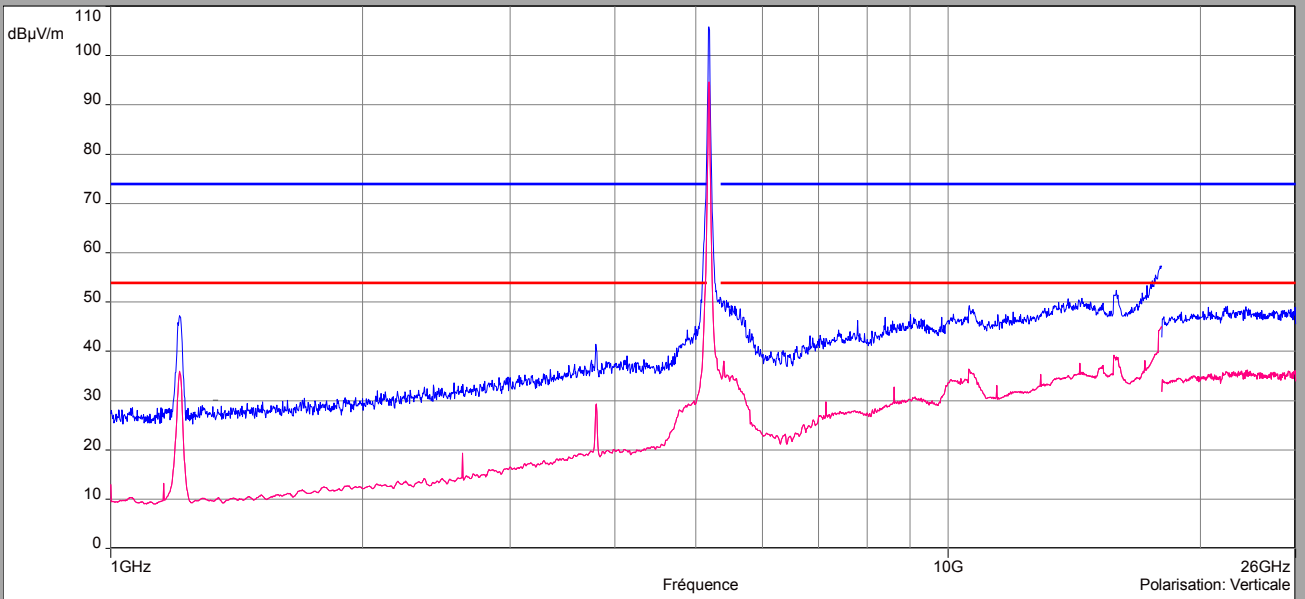


L C I E

Above 1GHz
802.11n HT20/ac VHT20
C1

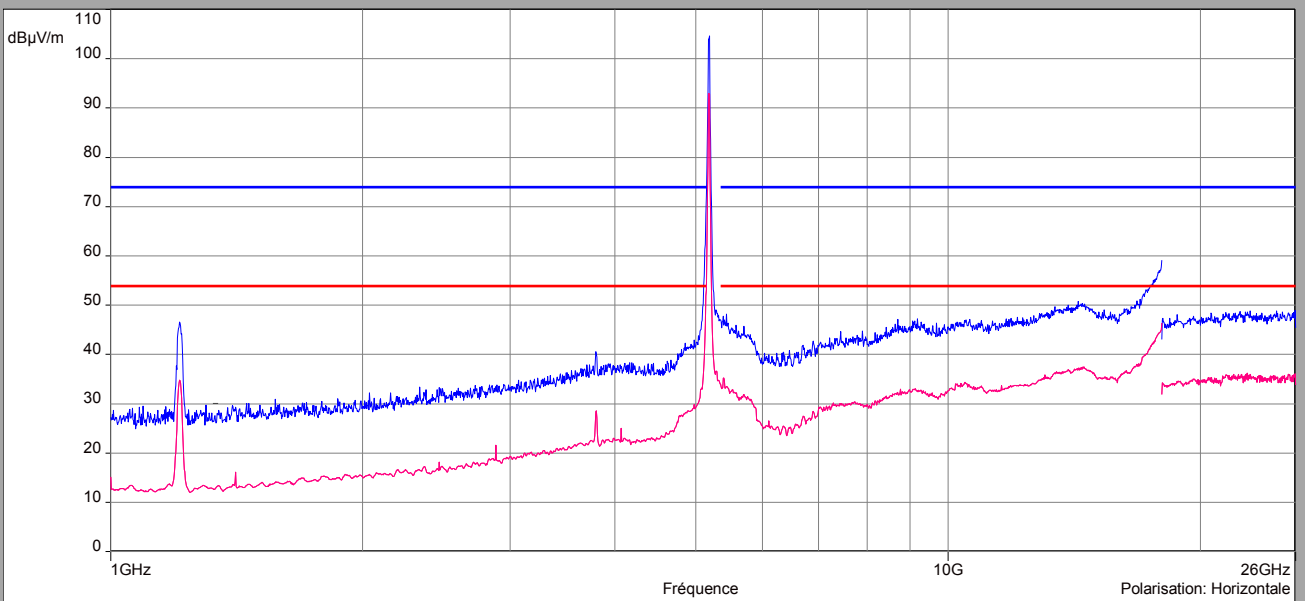
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes Peak (Horizontale)
- Mes.Avg (Horizontale)



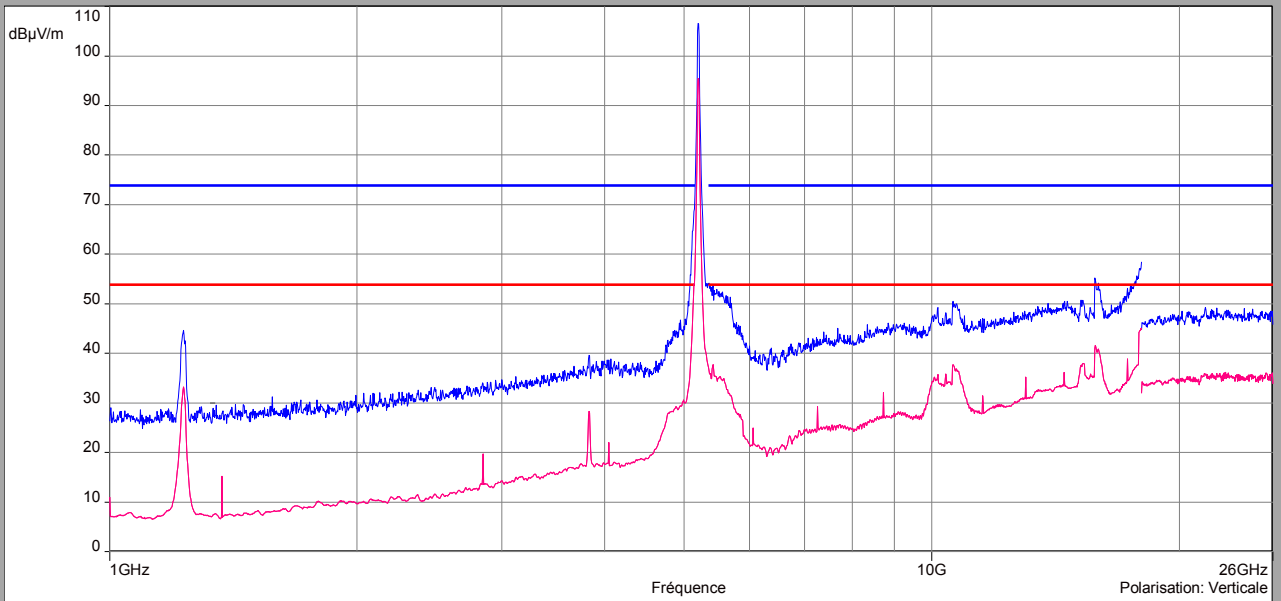


L C I E

Above 1GHz
802.11n HT20/ac VHT20
C2

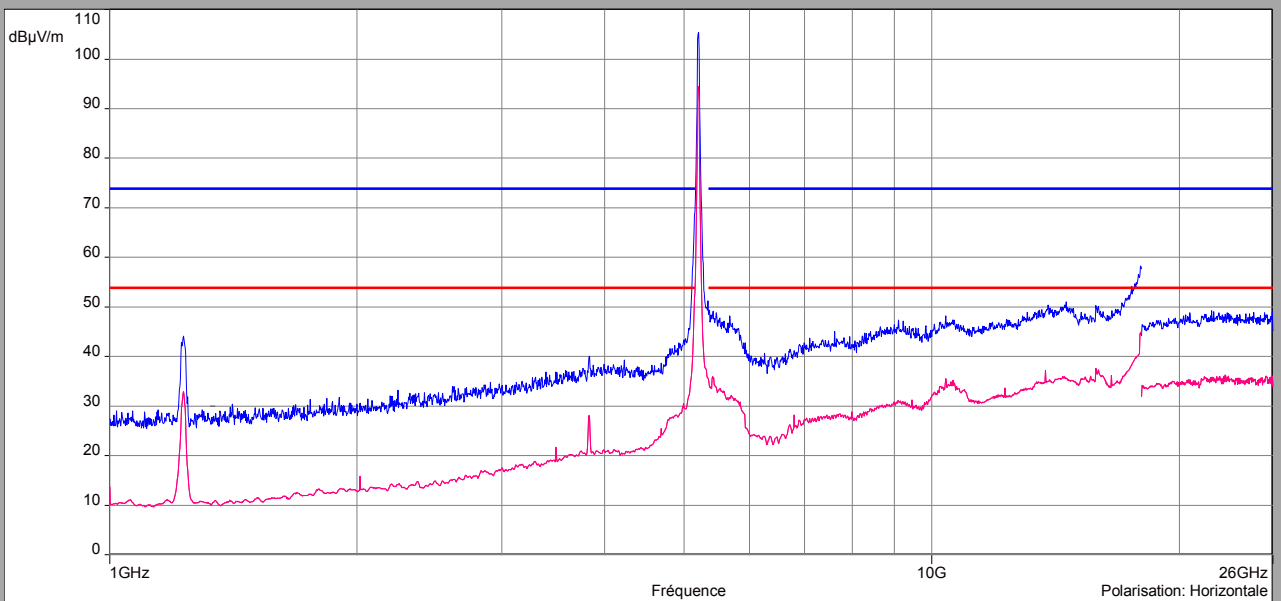
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes. Peak (Verticale)
- Mes. Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes. Peak (Horizontale)
- Mes. Avg (Horizontale)



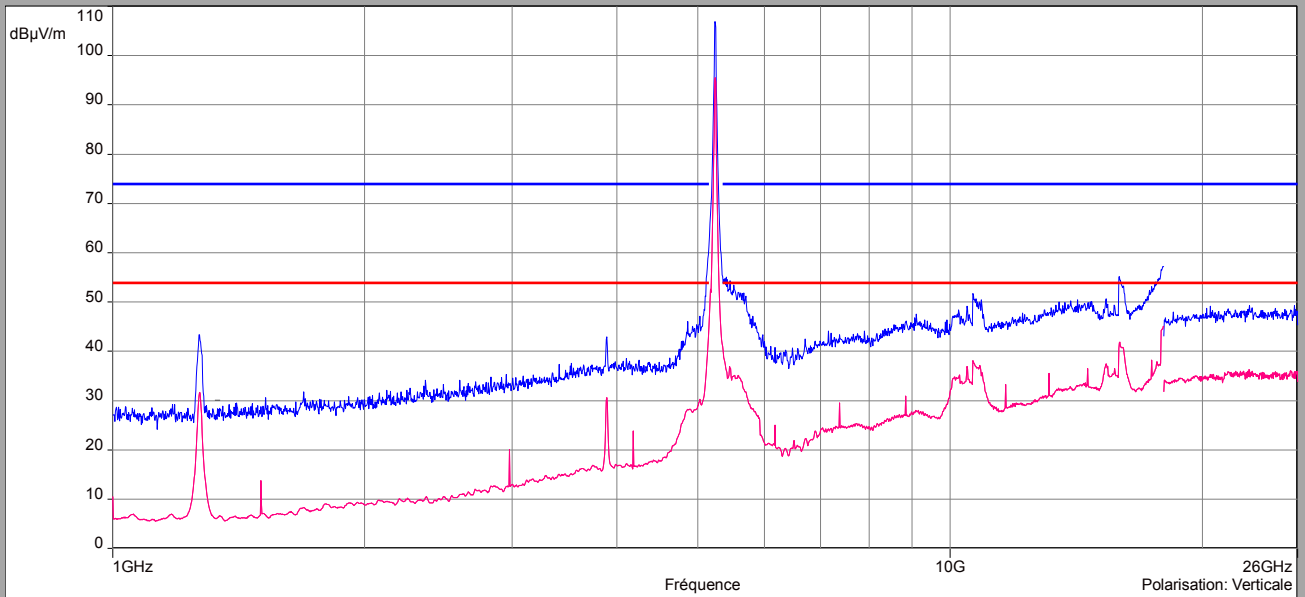


L C I E

Above 1GHz
802.11n HT20/ac VHT20
C3

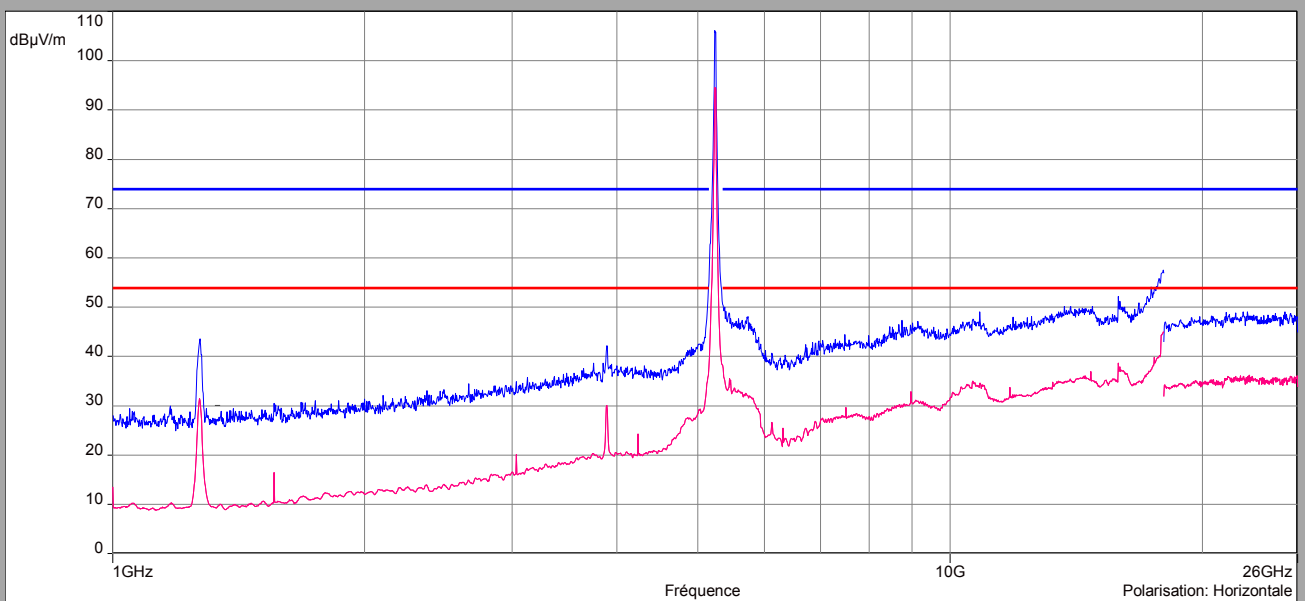
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes Peak (Horizontale)
- Mes.Avg (Horizontale)



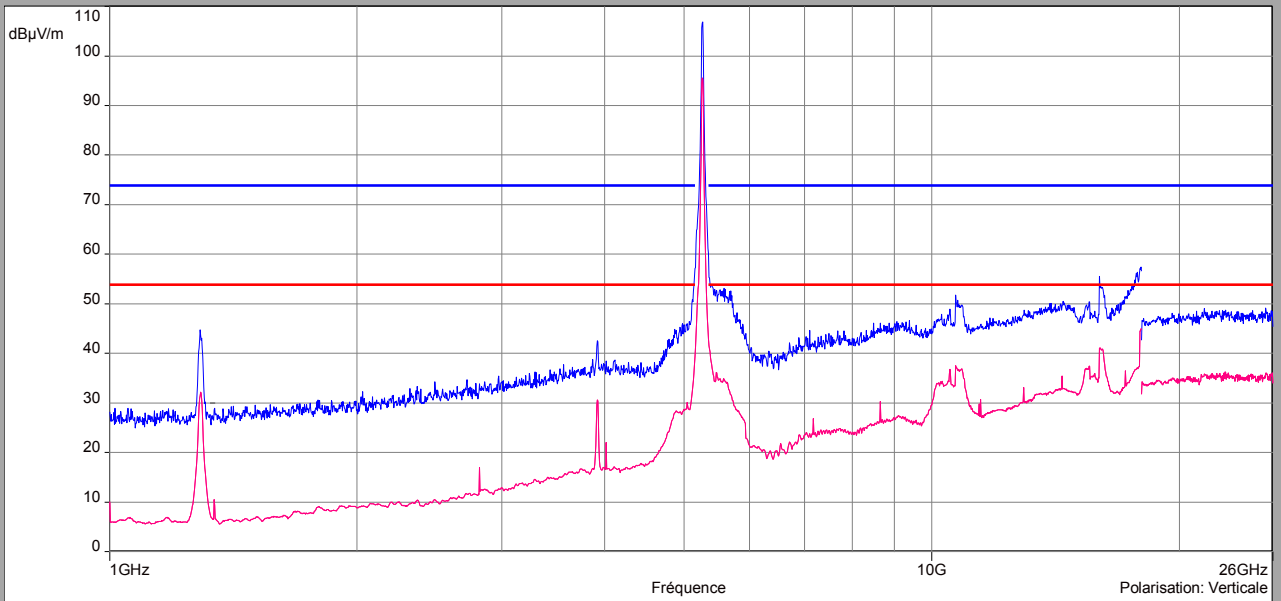


L C I E

Above 1GHz
802.11n HT20/ac VHT20
C4

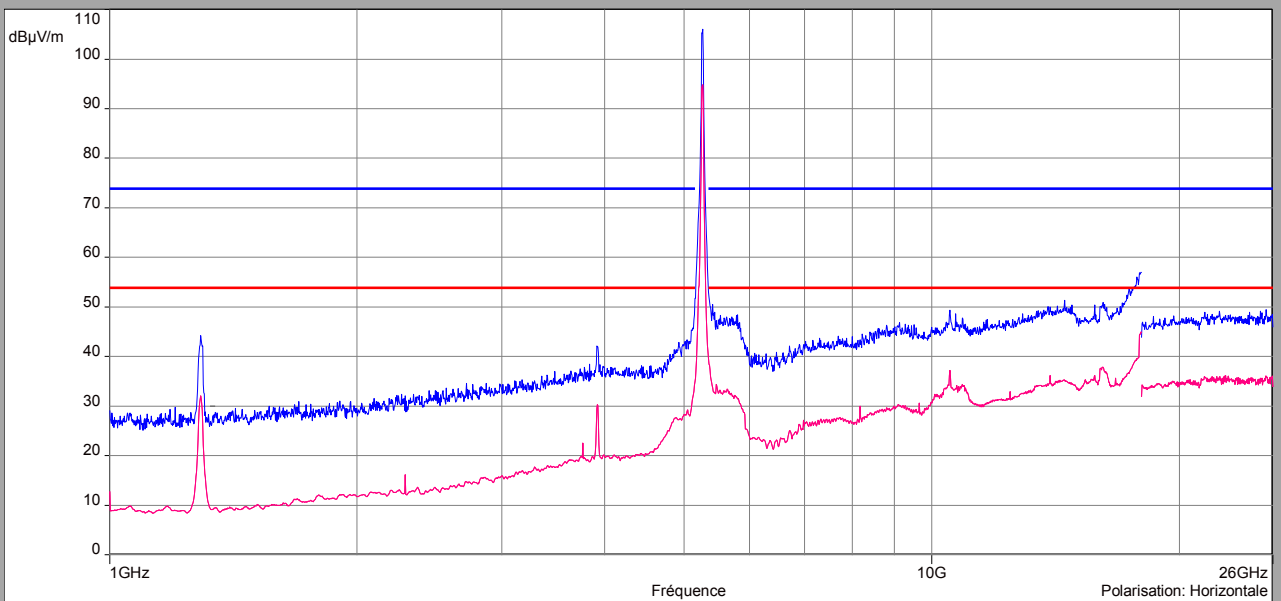
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes. Peak (Verticale)
- Mes. Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes. Peak (Horizontale)
- Mes. Avg (Horizontale)



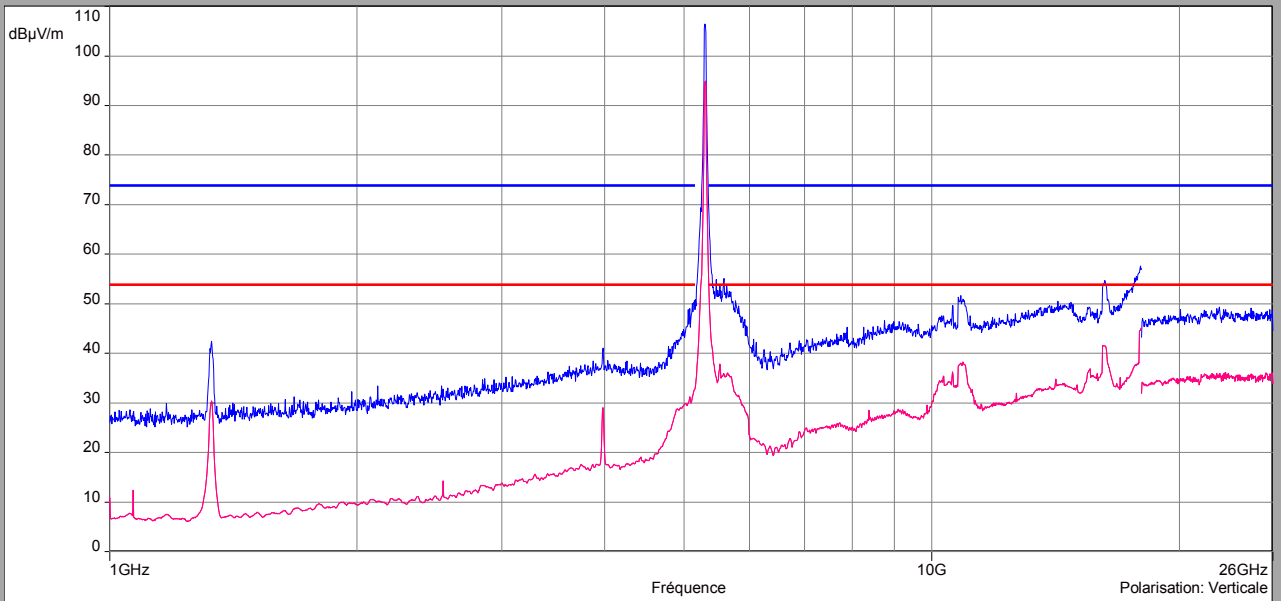


L C I E

Above 1GHz
802.11n HT20/ac VHT20
C5

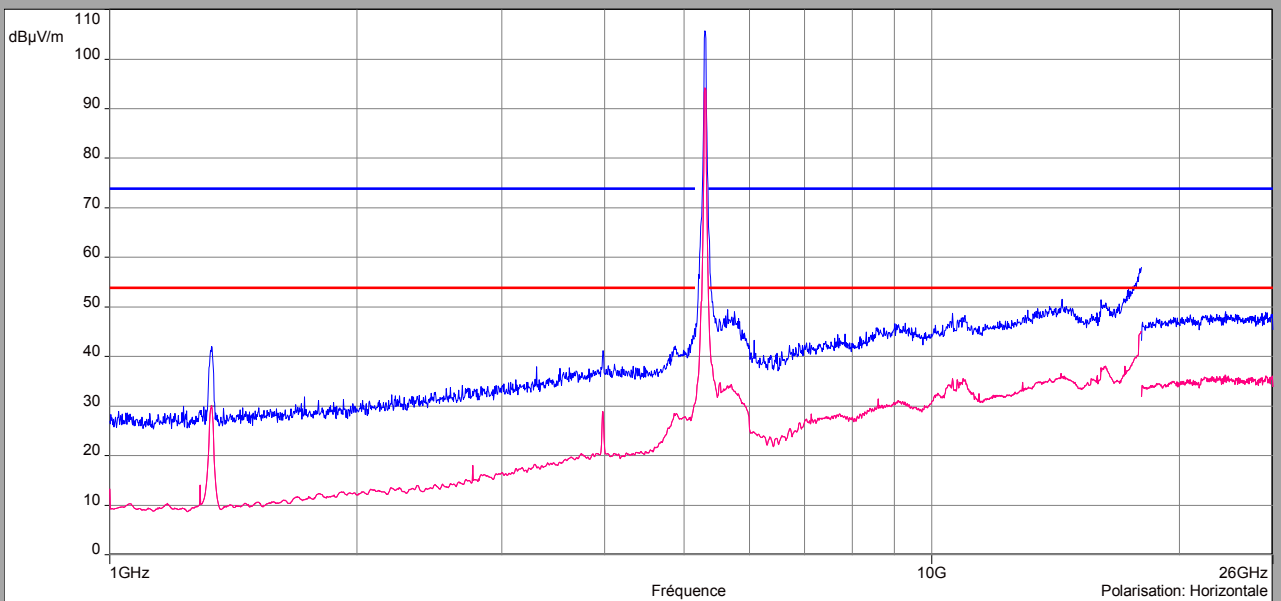
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes. Peak (Verticale)
- Mes. Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes. Peak (Horizontale)
- Mes. Avg (Horizontale)



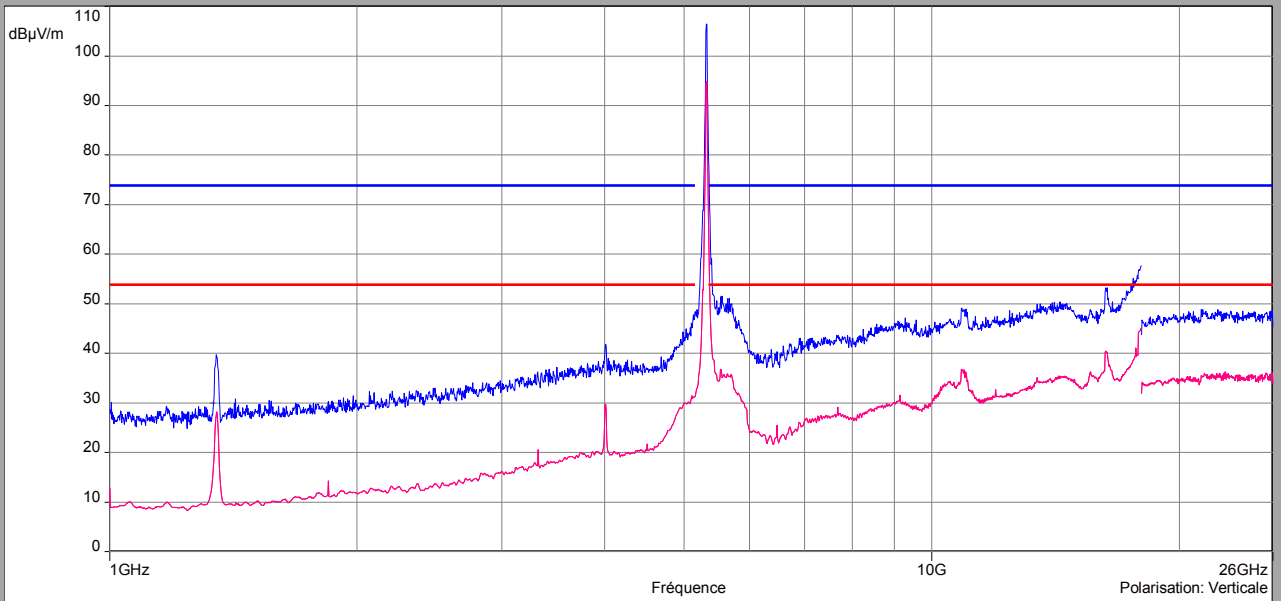


L C I E

Above 1GHz
802.11n HT20/ac VHT20
C6

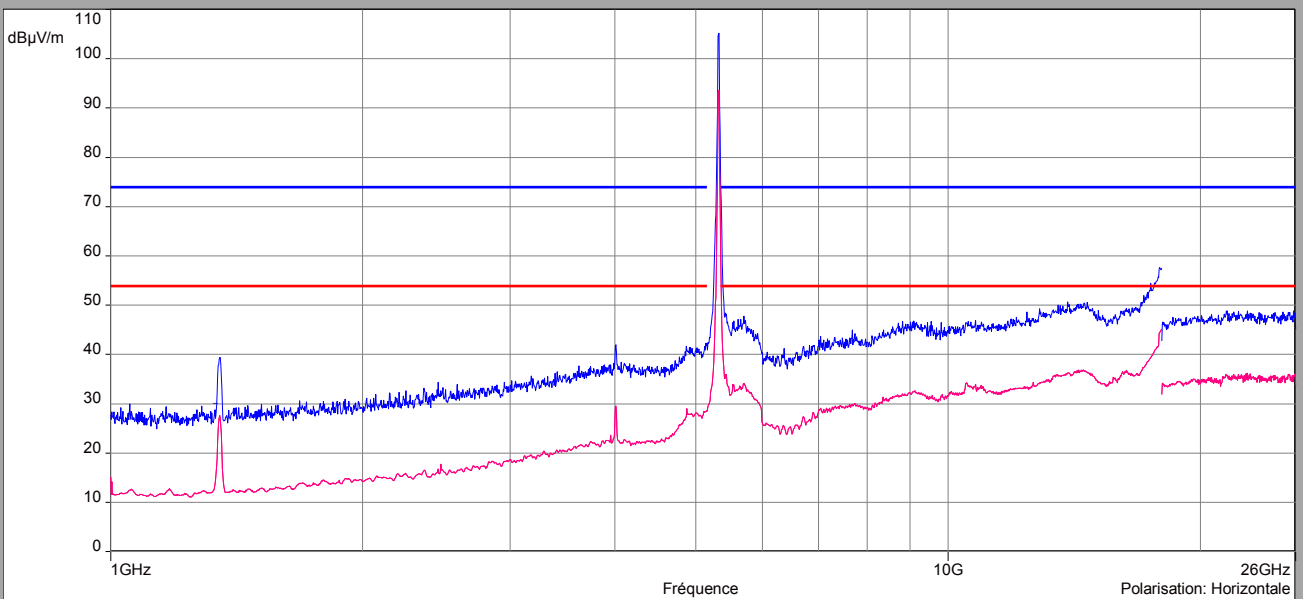
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes. Peak (Verticale)
- Mes. Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes Peak (Horizontale)
- Mes. Avg (Horizontale)



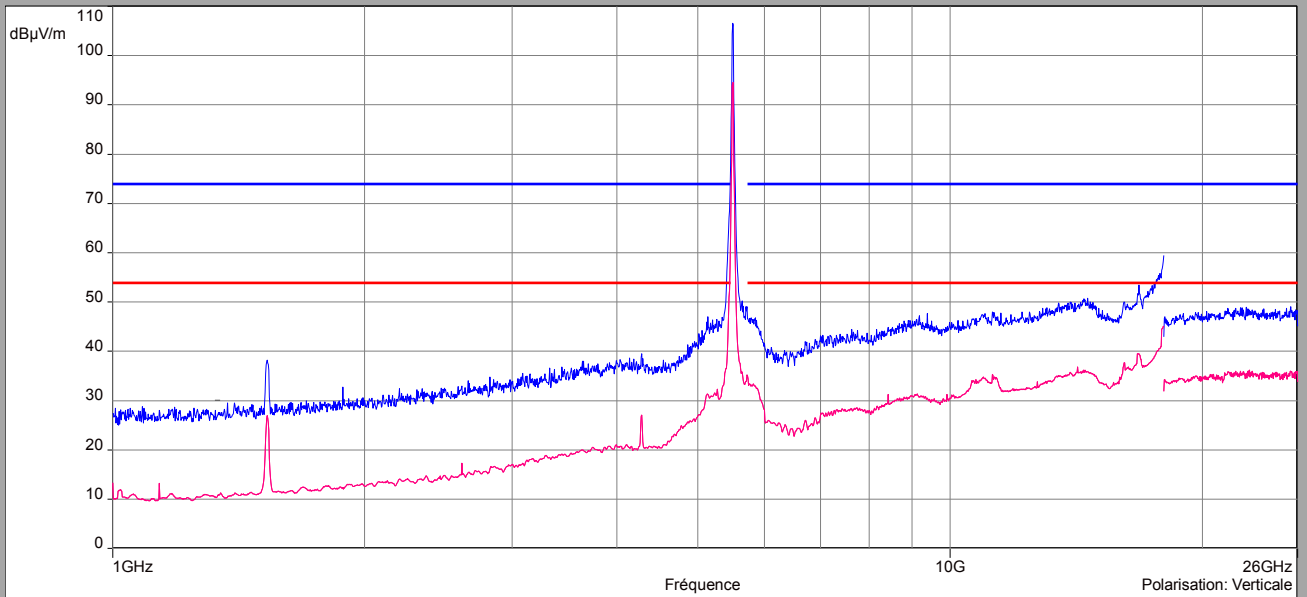


L C I E

Above 1GHz
802.11n HT20/ac VHT20
C7

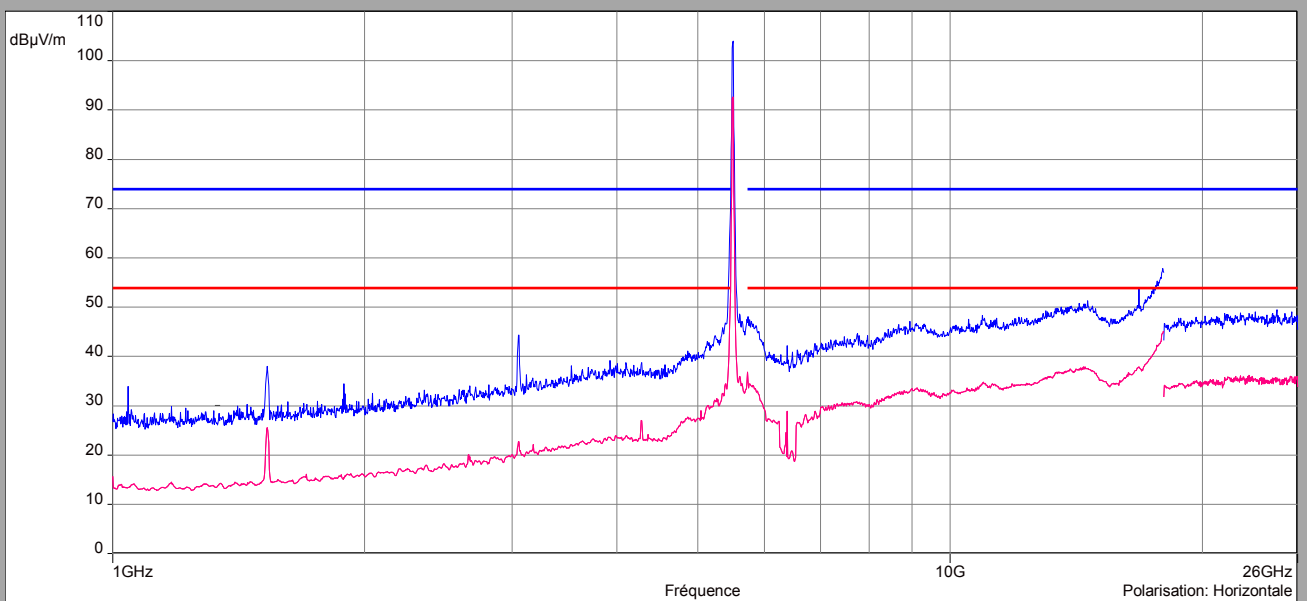
Vertical Polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes Peak (Horizontale)
- Mes.Avg (Horizontale)





L C I E

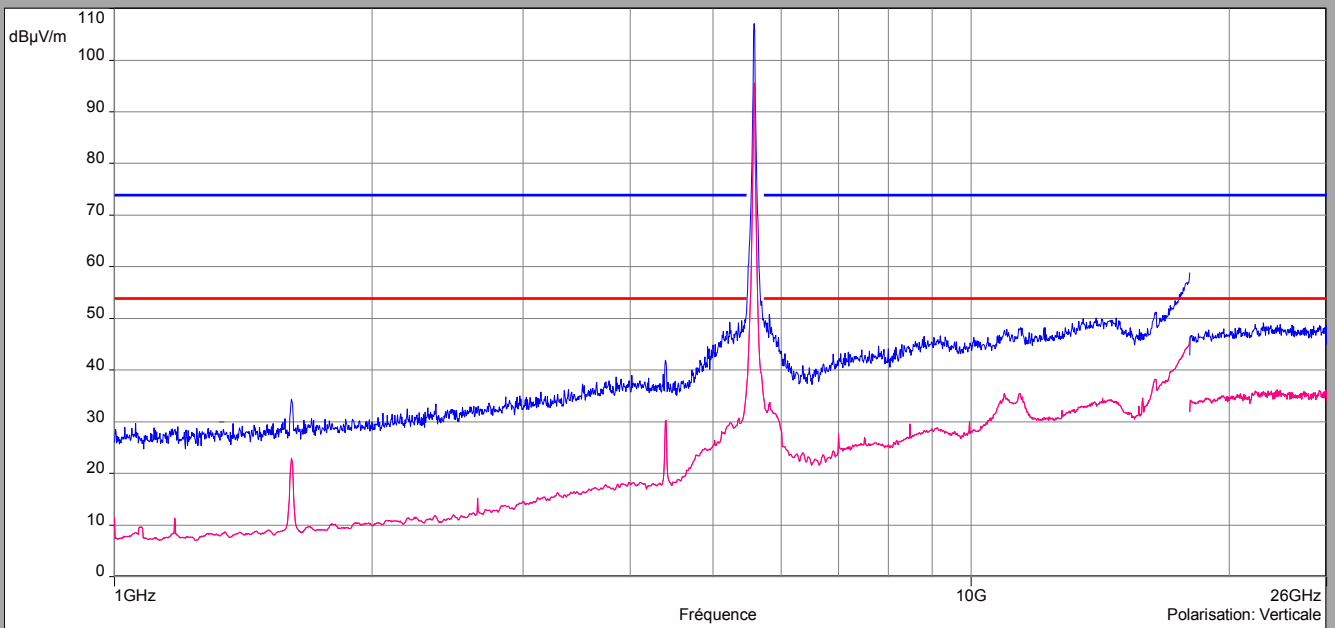
Above 1GHz

802.11n HT20/ac VHT20

C8

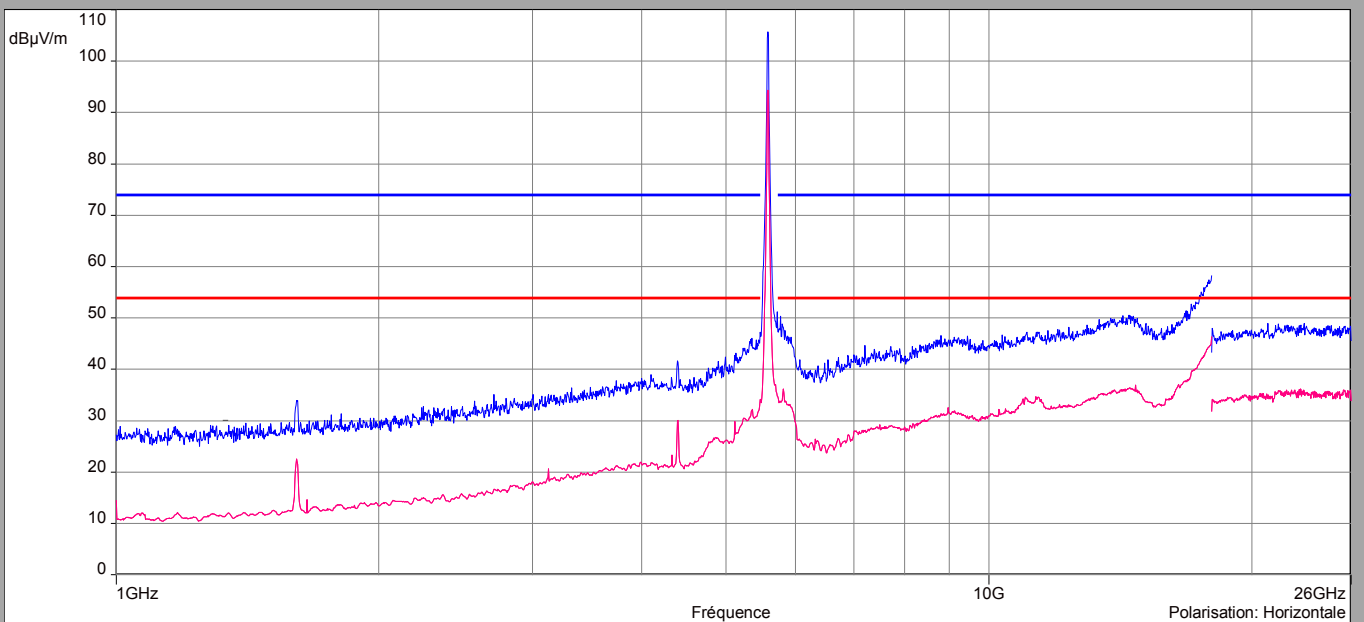
Vertical Polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)



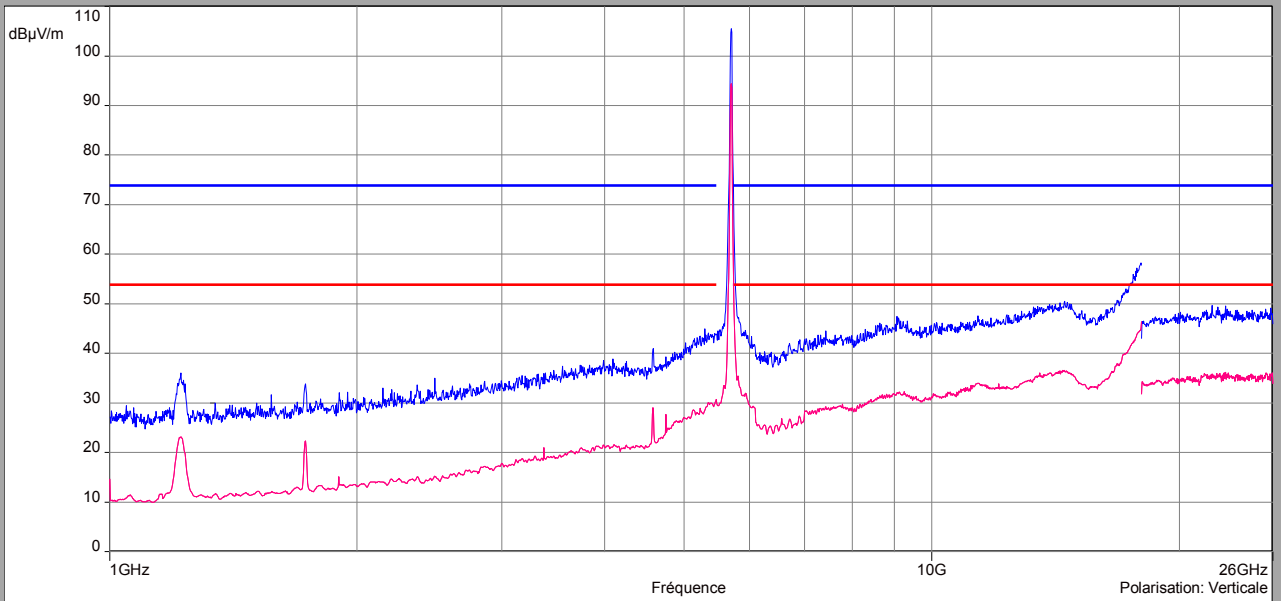


L C I E

Above 1GHz
802.11n HT20/ac VHT20
C9

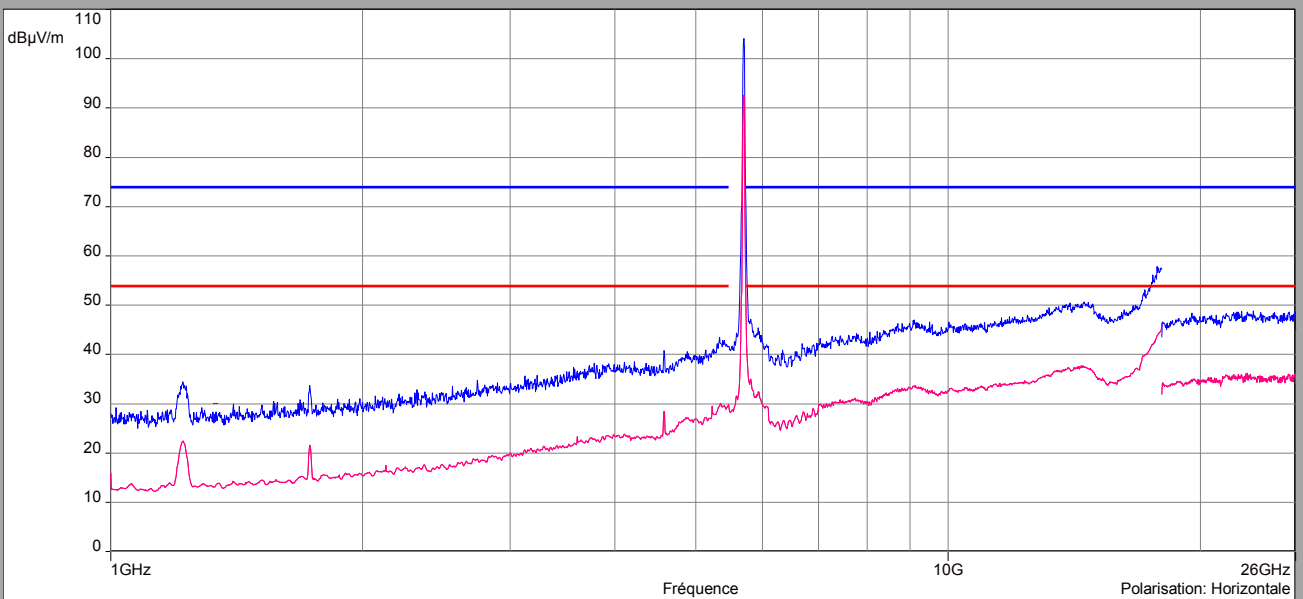
Vertical Polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes. Peak (Verticale)
- Mes. Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes. Peak (Horizontale)
- Mes. Avg (Horizontale)



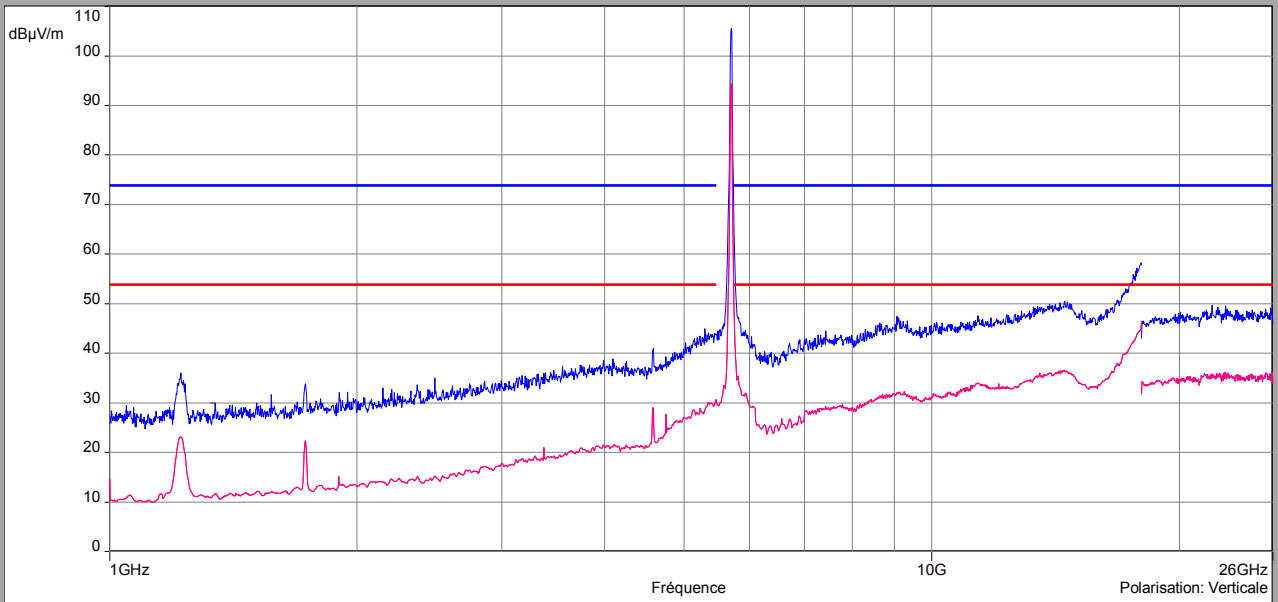


L C I E

Above 1GHz
802.11n HT20/ac VHT20
C10

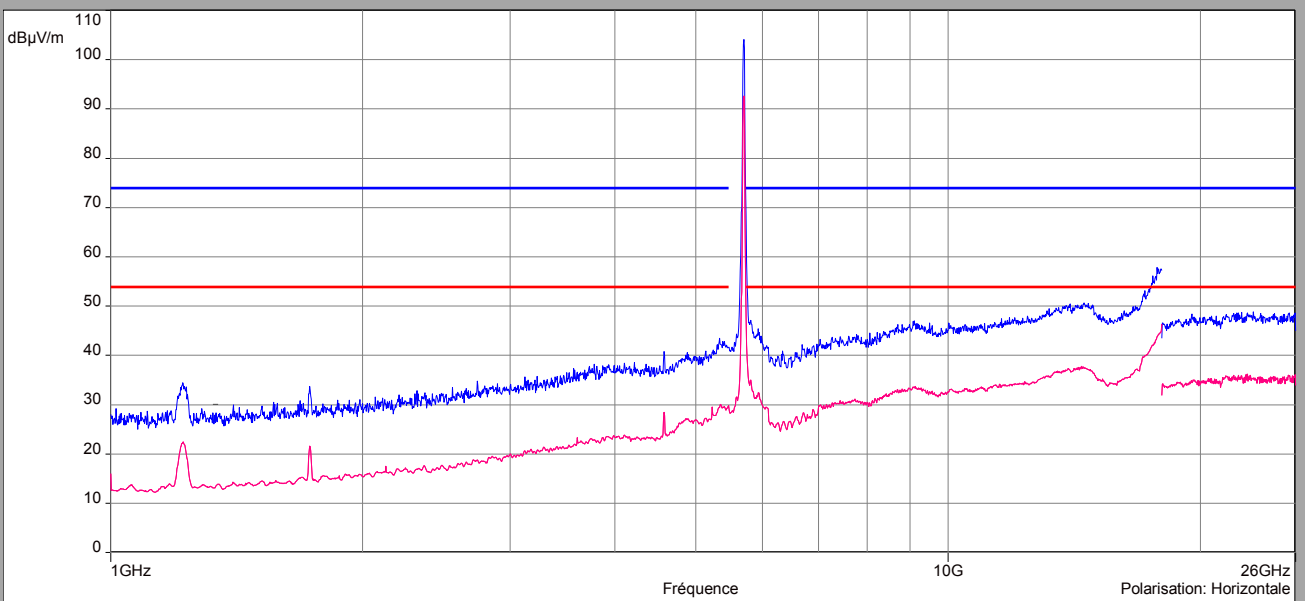
Vertical Polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)





L C I E

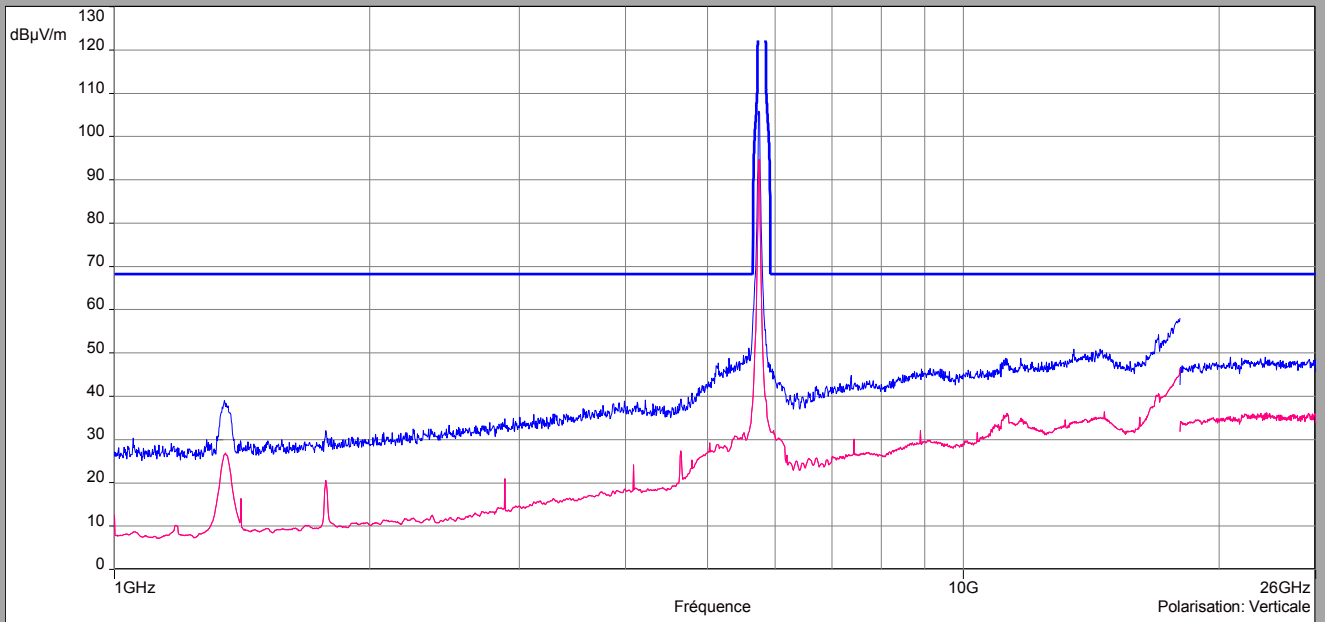
Above 1GHz

802.11n HT20/ac VHT20

C11

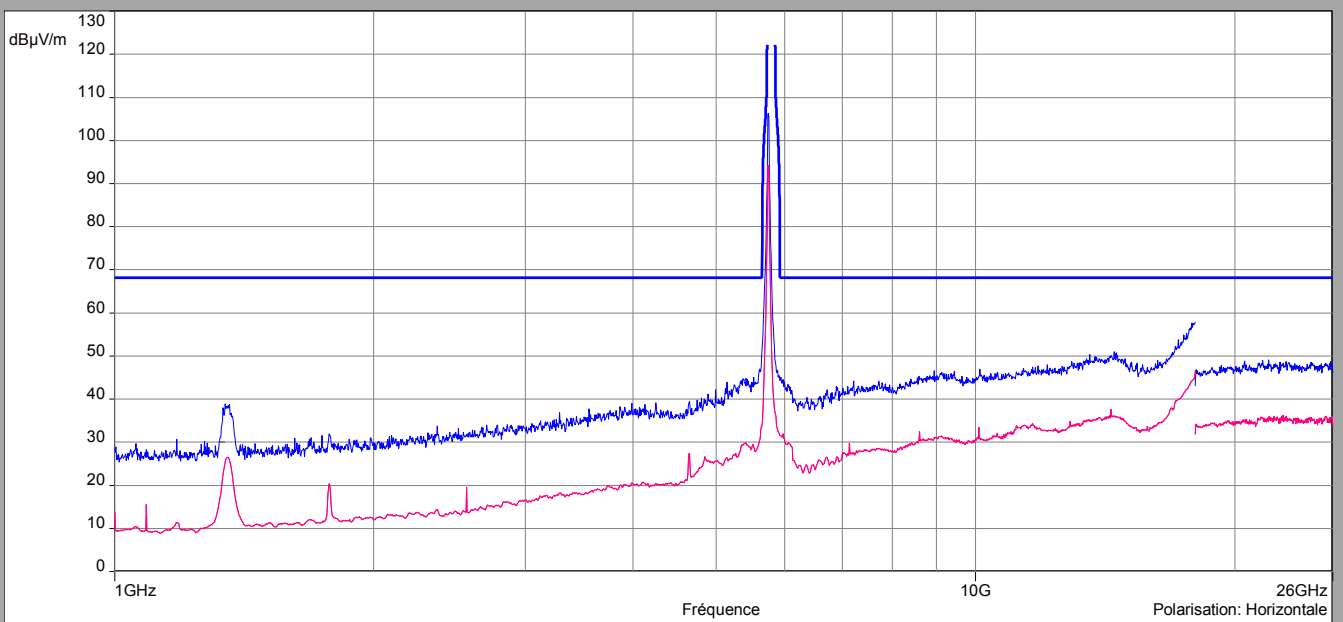
Vertical Polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Verticale)
Mes.Avg (Verticale)



Horizontal polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Horizontale)
Mes.Avg (Horizontale)



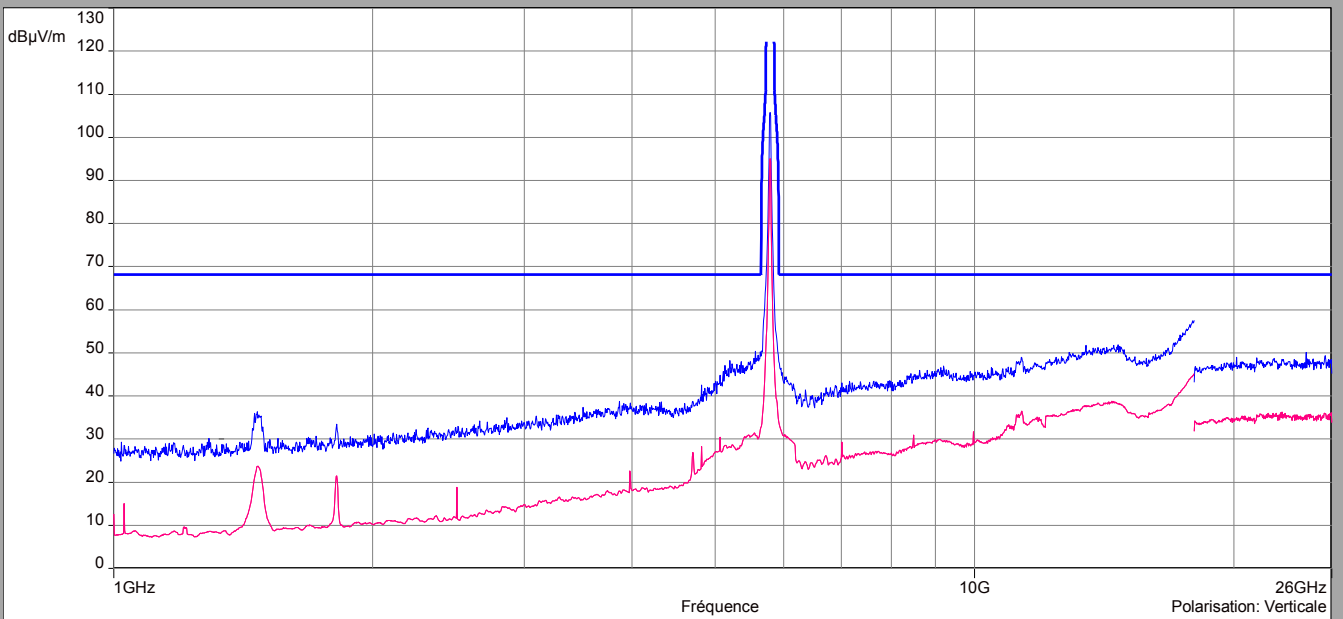


L C I E

Above 1GHz
802.11n HT20/ac VHT20
C12

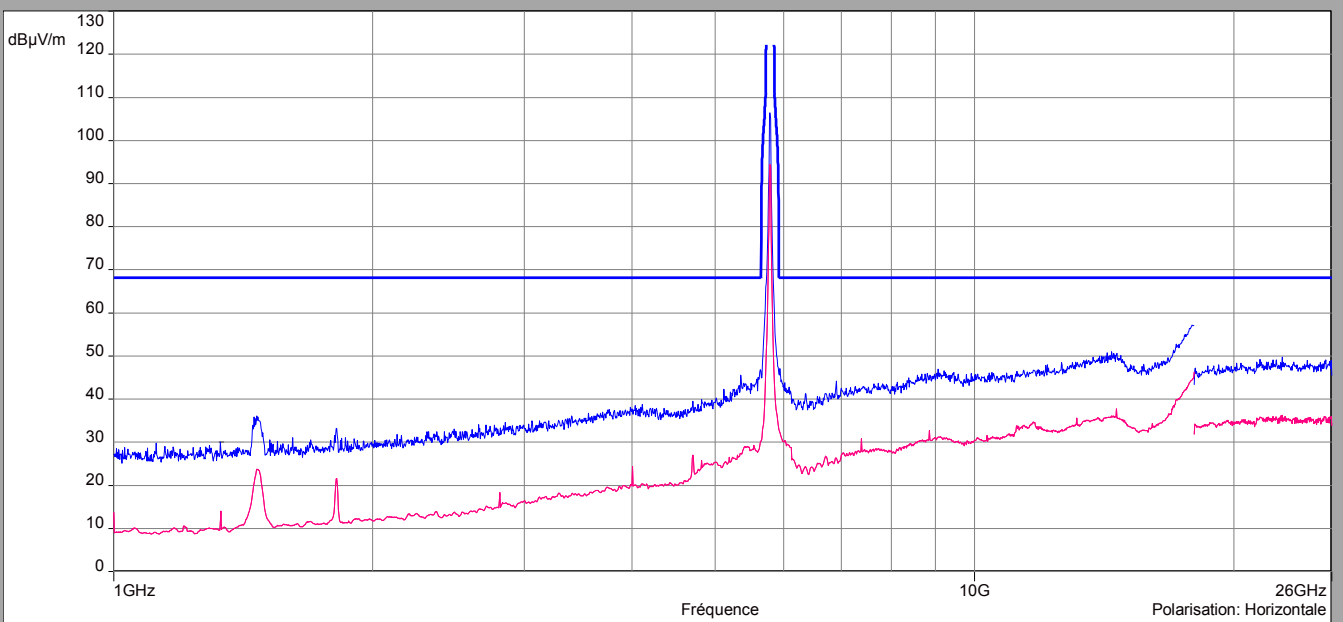
Vertical Polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Verticale)
Mes.Avg (Verticale)



Horizontal polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Horizontale)
Mes.Avg (Horizontale)





L C I E

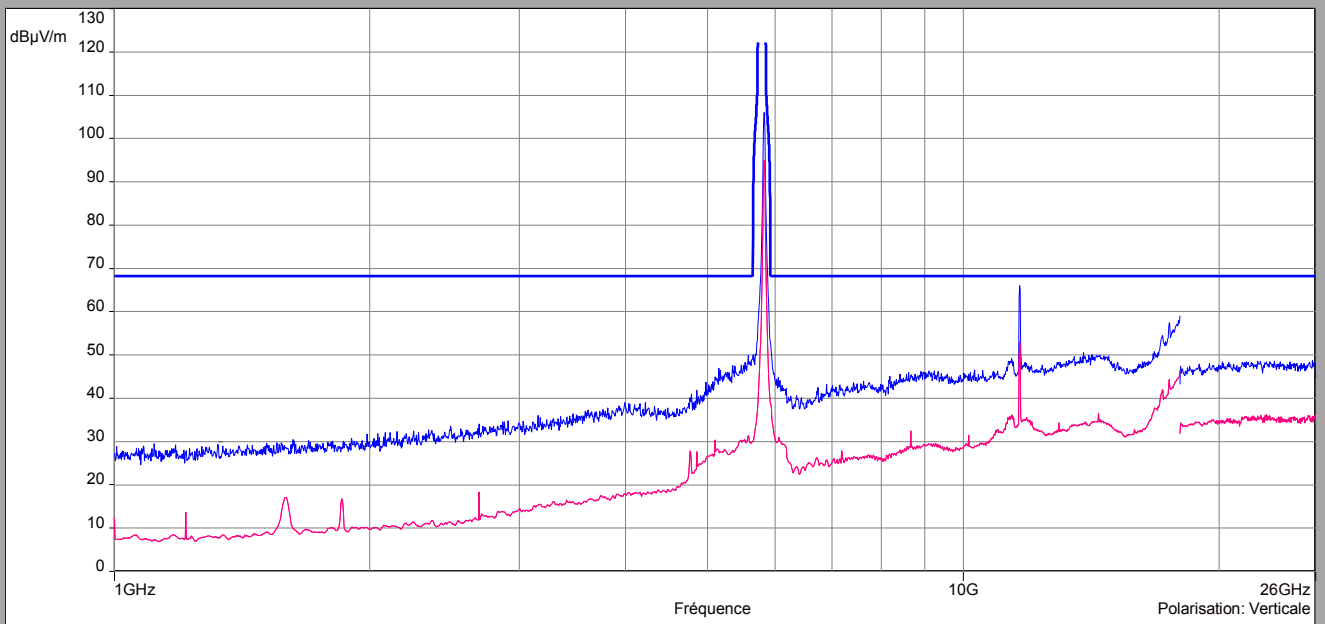
Above 1GHz

802.11n HT20/ac VHT20

C13

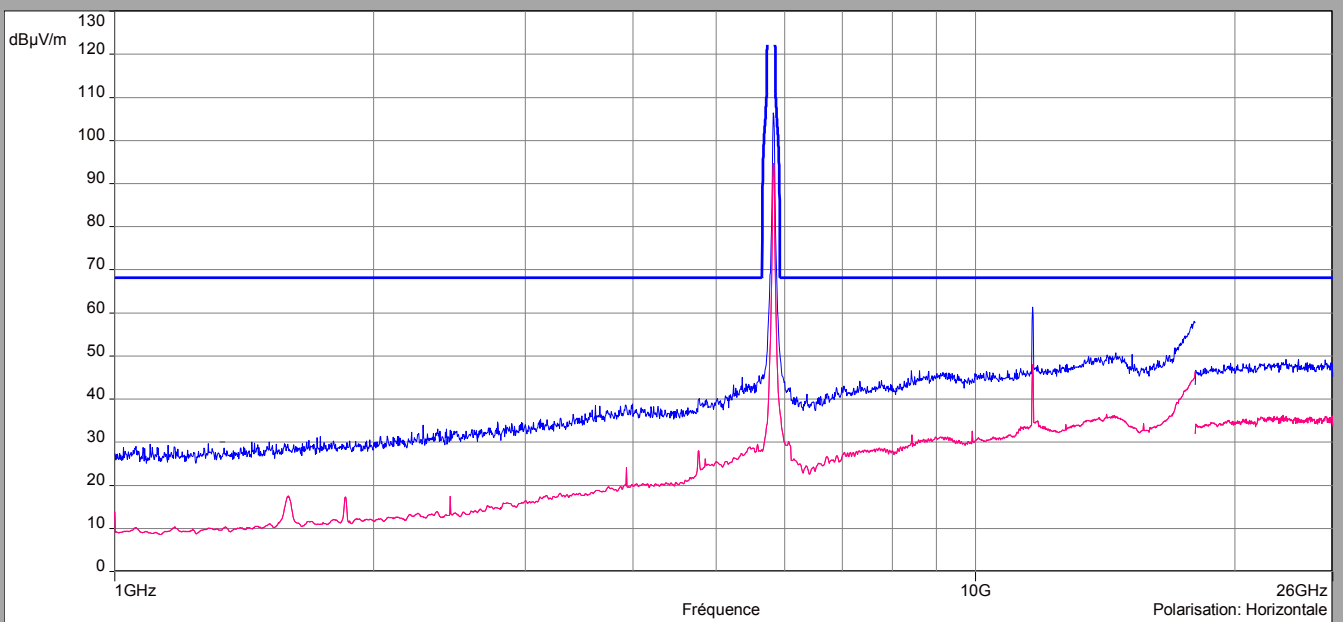
Vertical Polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Verticale)
Mes.Avg (Verticale)



Horizontal polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Horizontale)
Mes.Avg (Horizontale)





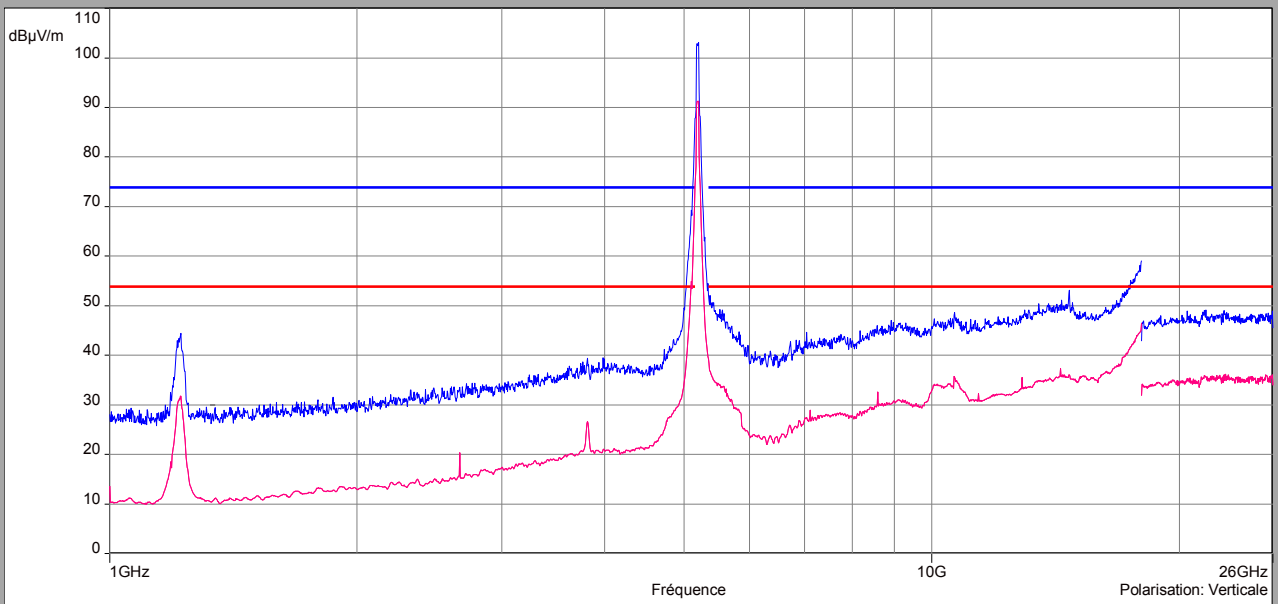
L C I E

Above 1GHz
802.11n HT40/ac VHT40

C14

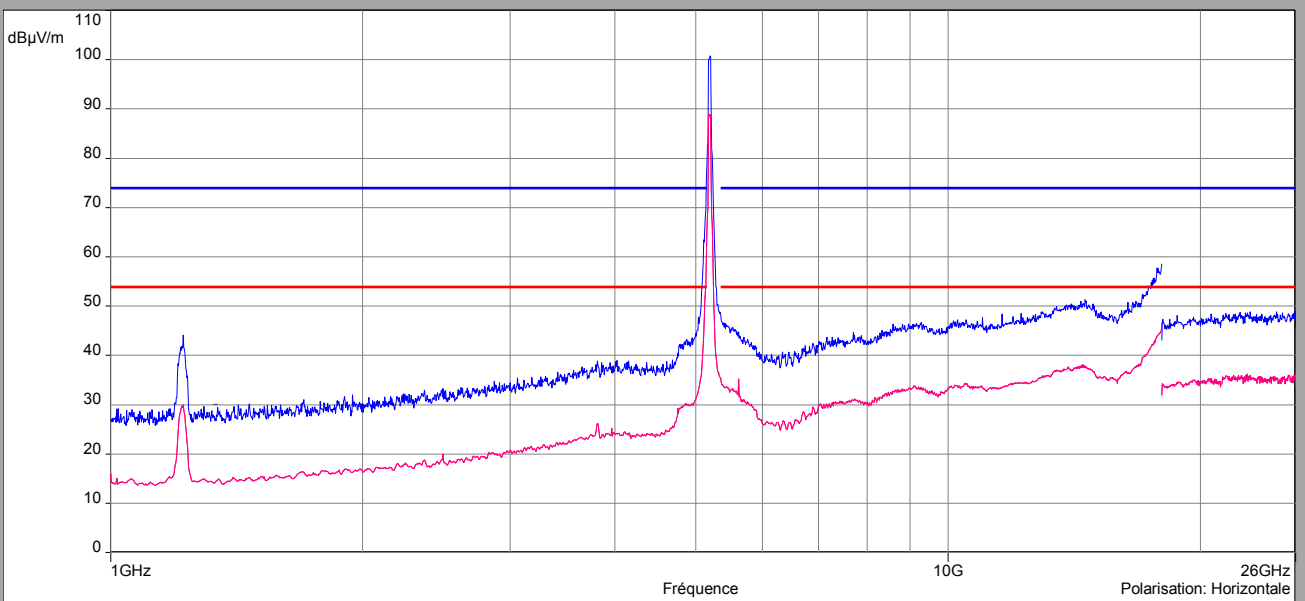
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)



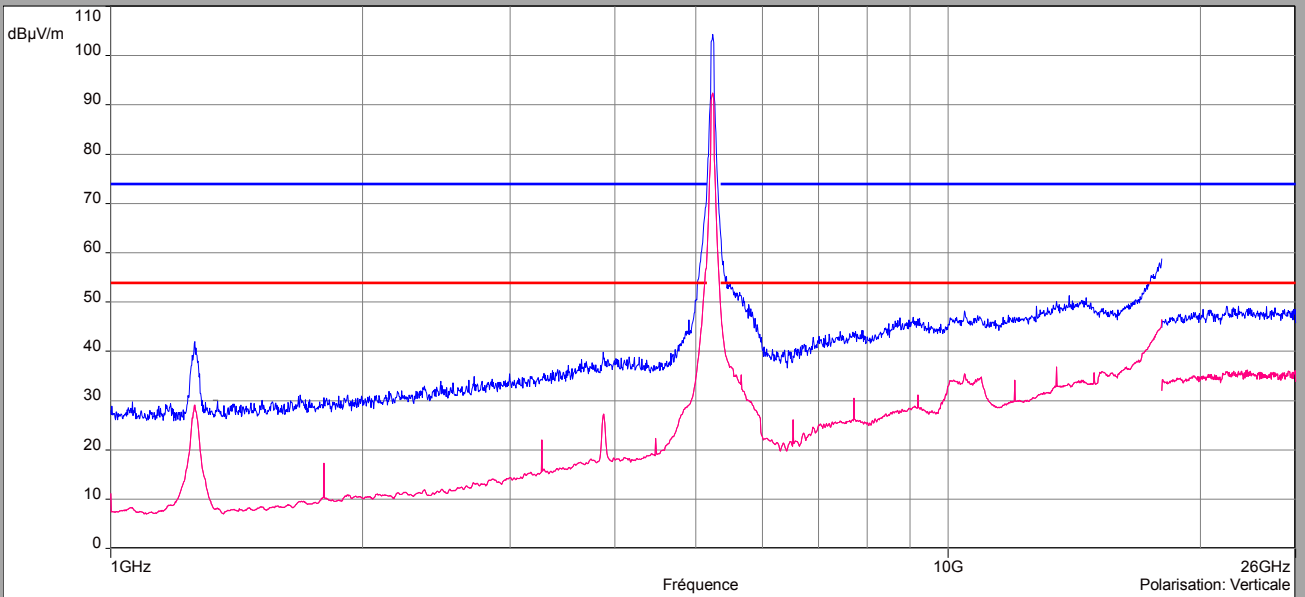


L C I E

Above 1GHz
802.11n HT40/ac VHT40
C15

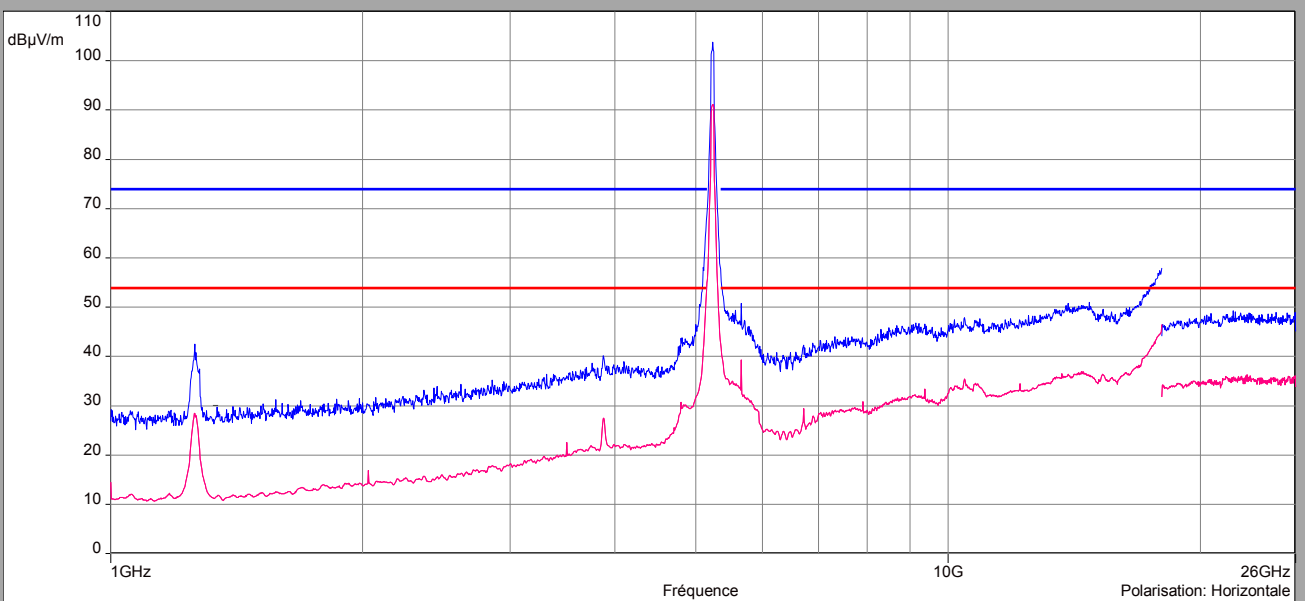
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)



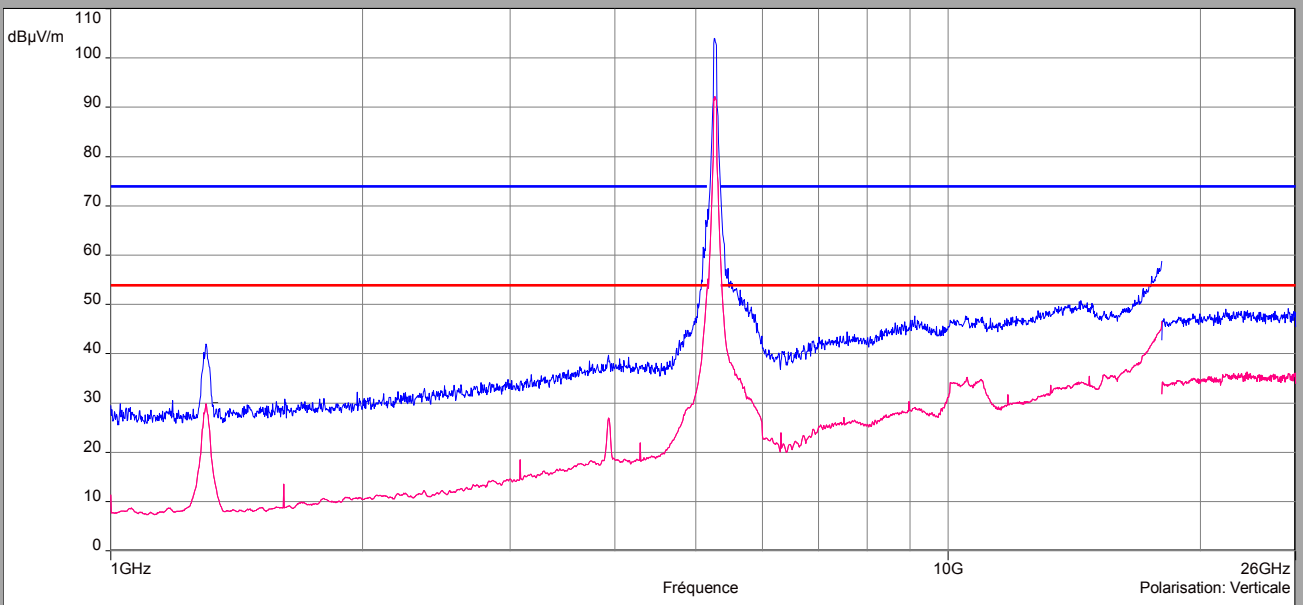


L C I E

Above 1GHz
802.11n HT40/ac VHT40
C16

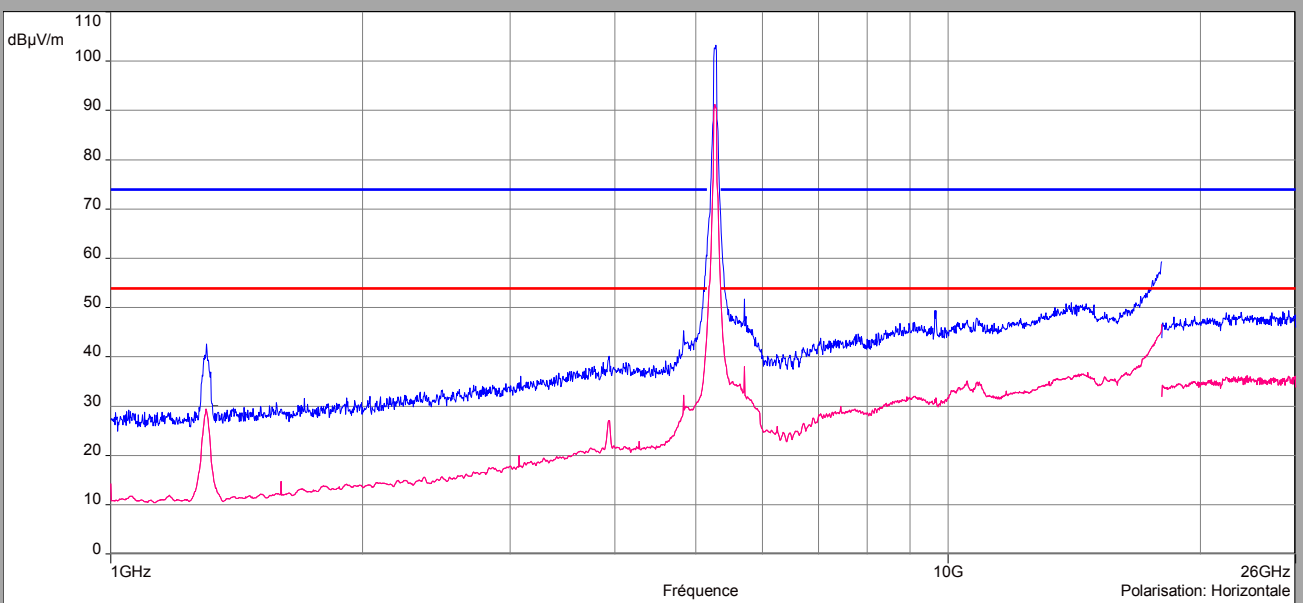
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)



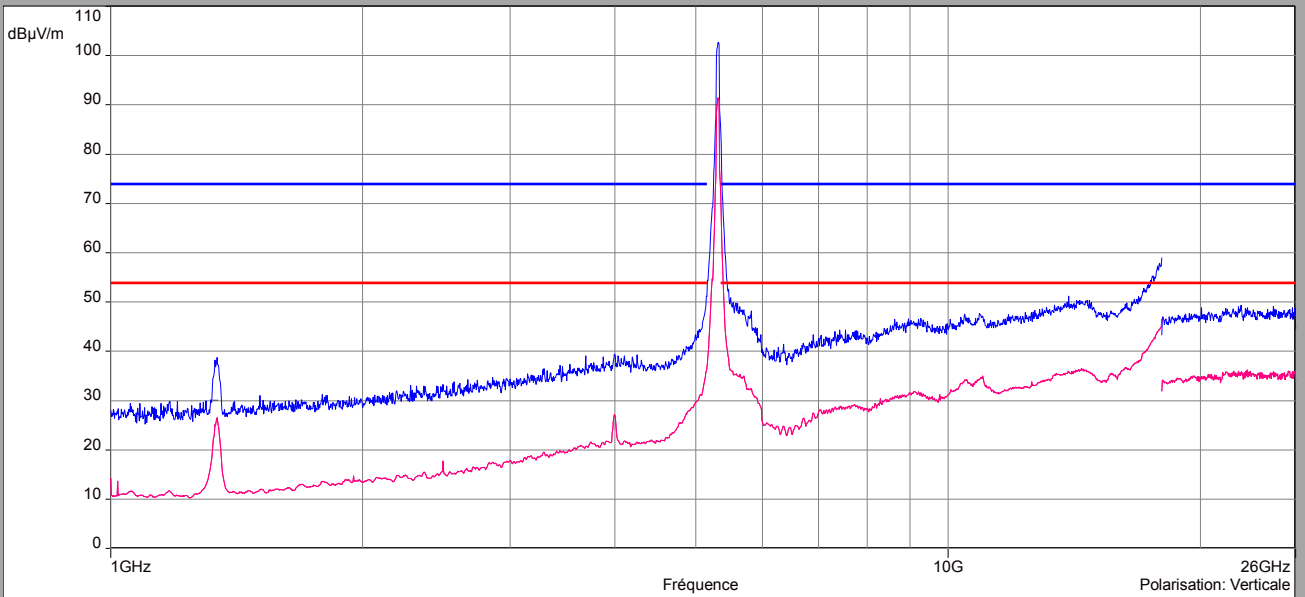


L C I E

Above 1GHz
802.11n HT40/ac VHT40
C17

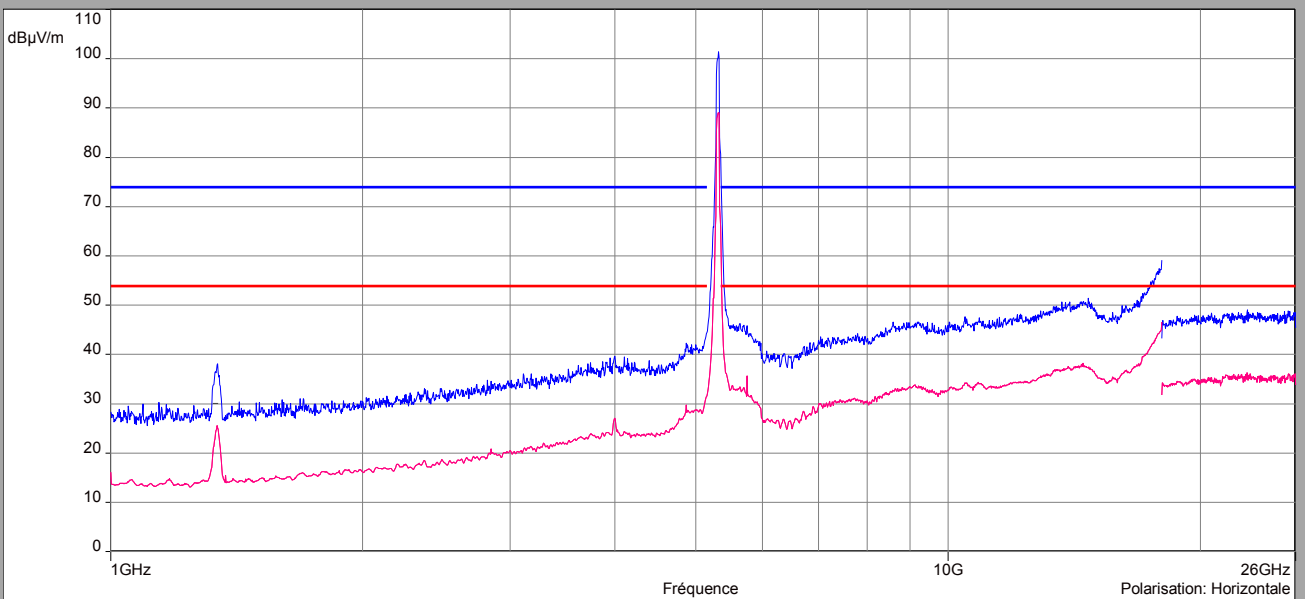
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes Peak (Horizontale)
- Mes.Avg (Horizontale)



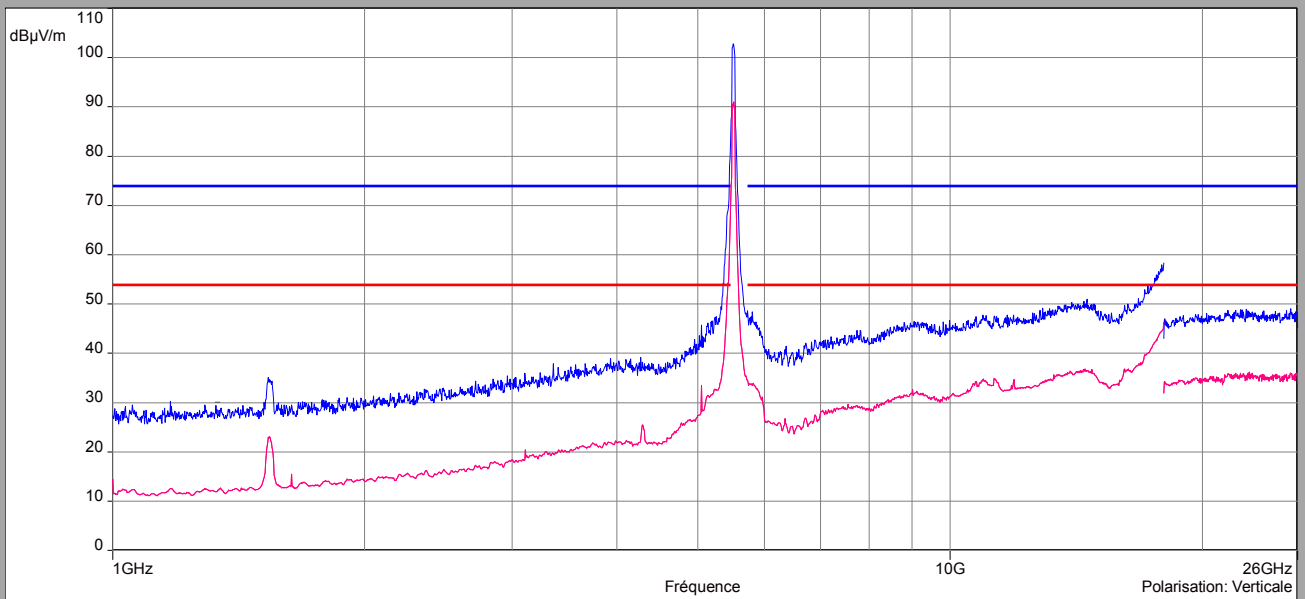


L C I E

Above 1GHz
802.11n HT40/ac VHT40
C18

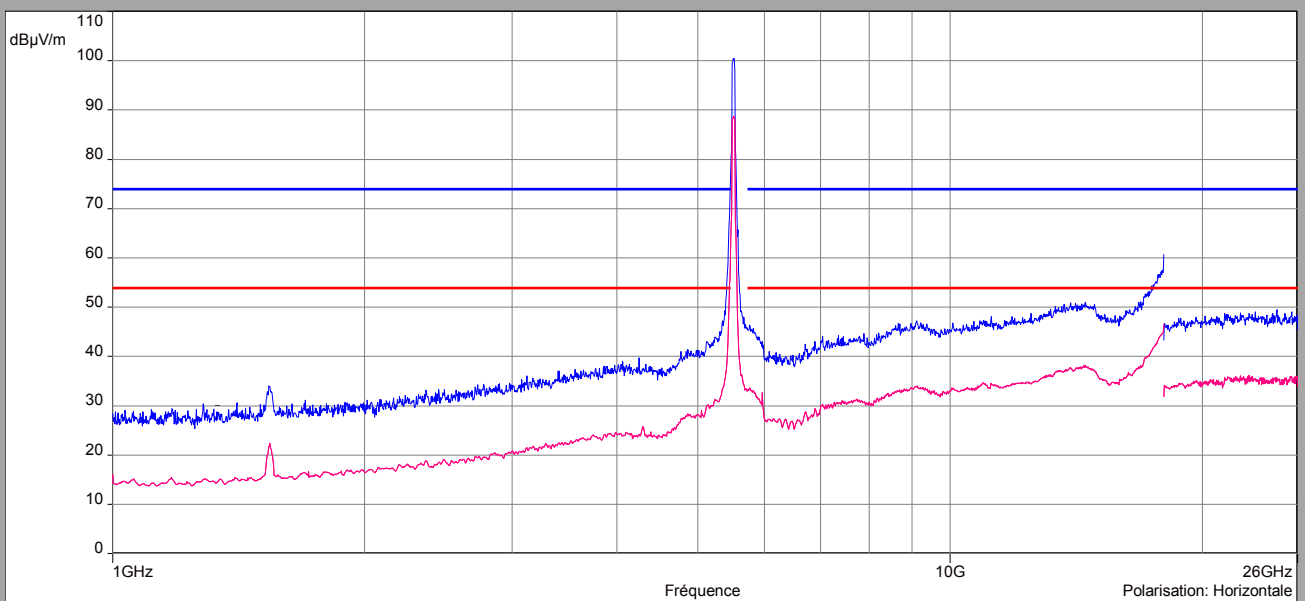
Vertical Polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes Peak (Horizontale)
- Mes.Avg (Horizontale)



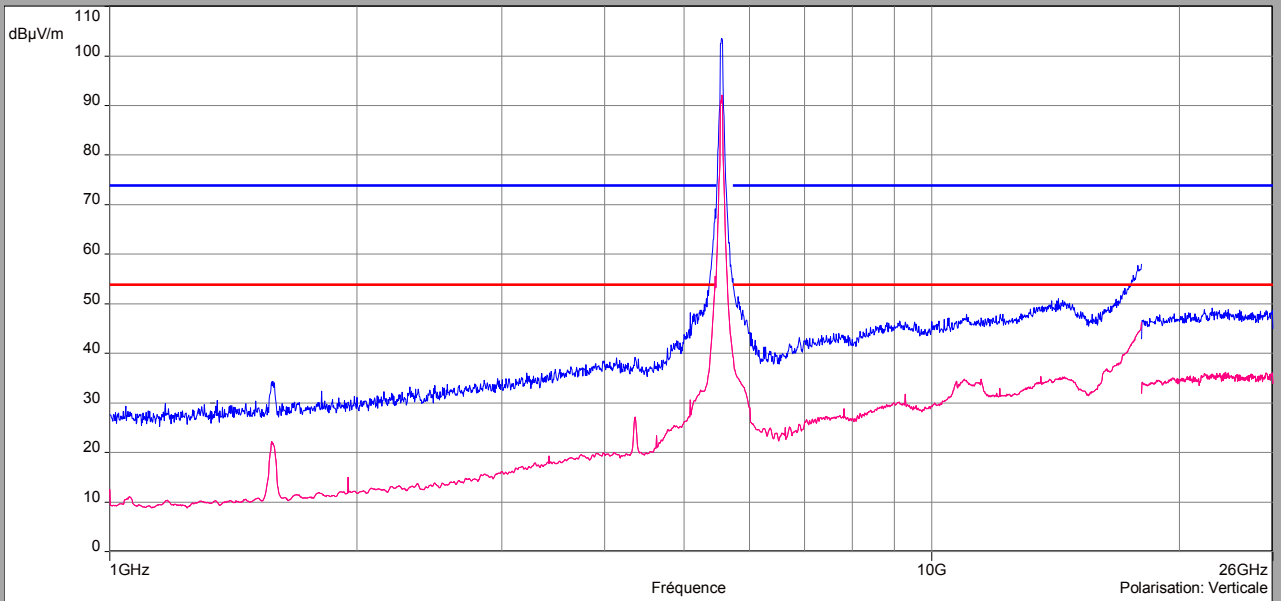


L C I E

Above 1GHz
802.11n HT40/ac VHT40
C19

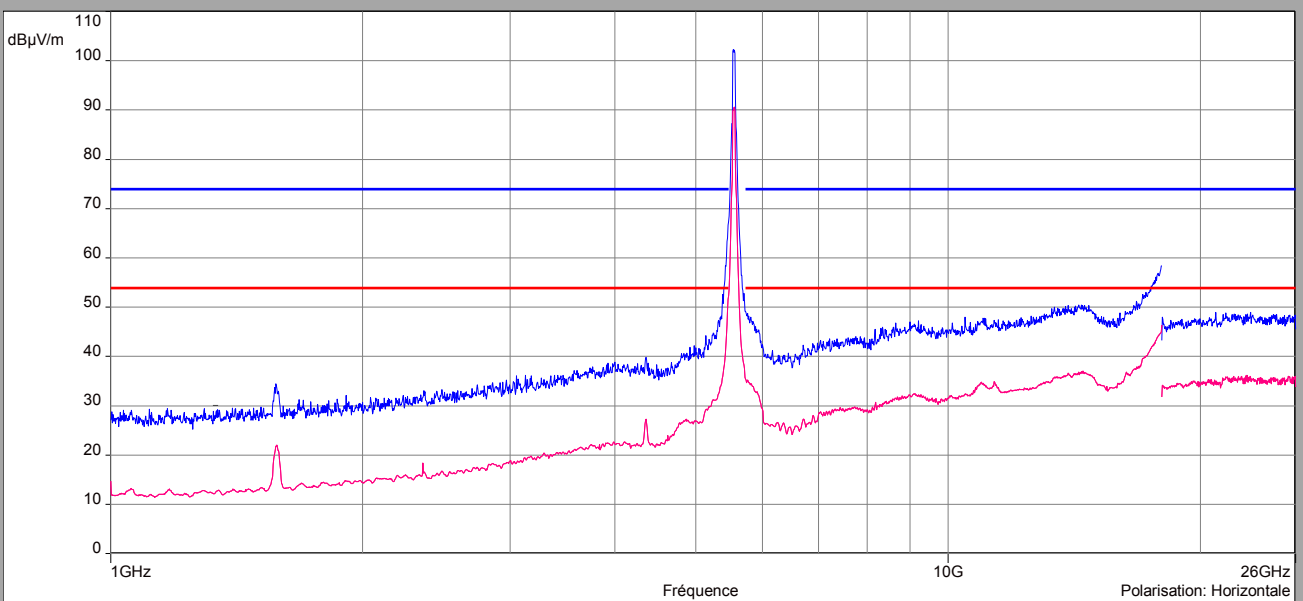
Vertical Polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes. Peak (Verticale)
- Mes. Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes Peak (Horizontale)
- Mes. Avg (Horizontale)



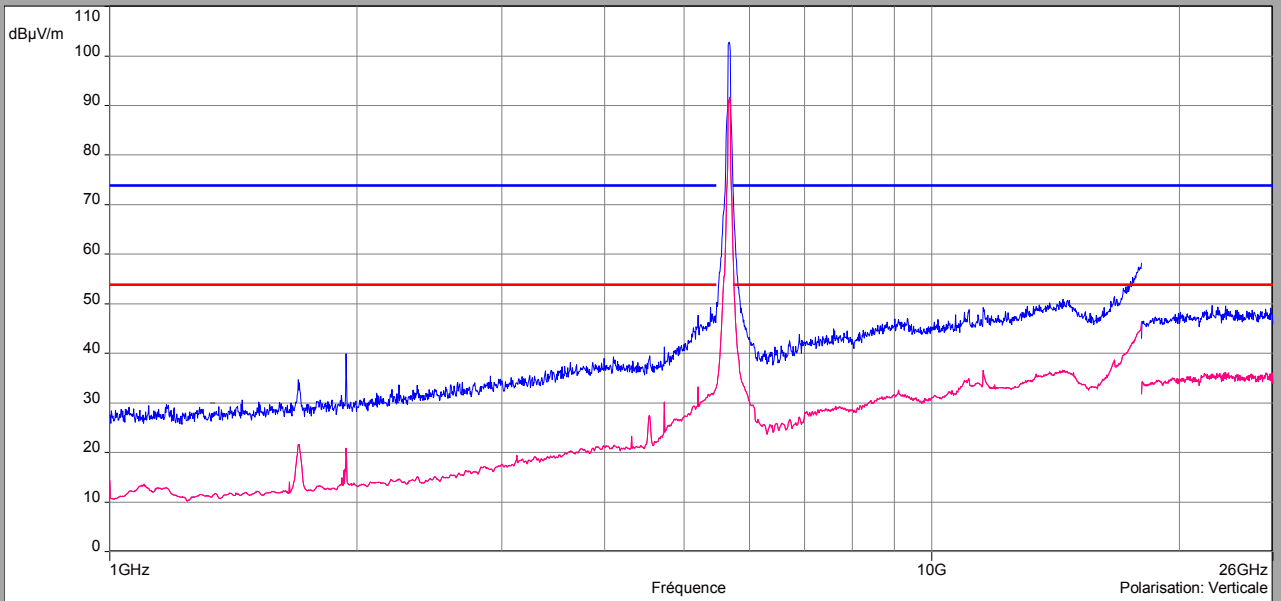


L C I E

Above 1GHz
802.11n HT40/ac VHT40
C20

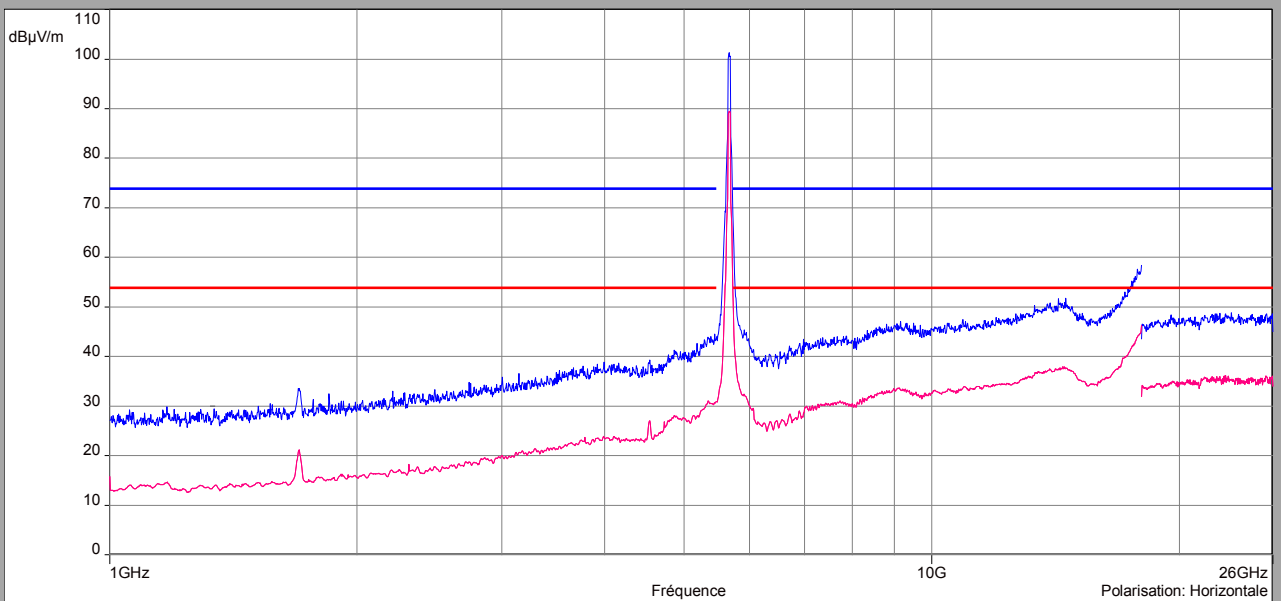
Vertical Polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes. Peak (Verticale)
- Mes. Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes. Peak (Horizontale)
- Mes. Avg (Horizontale)



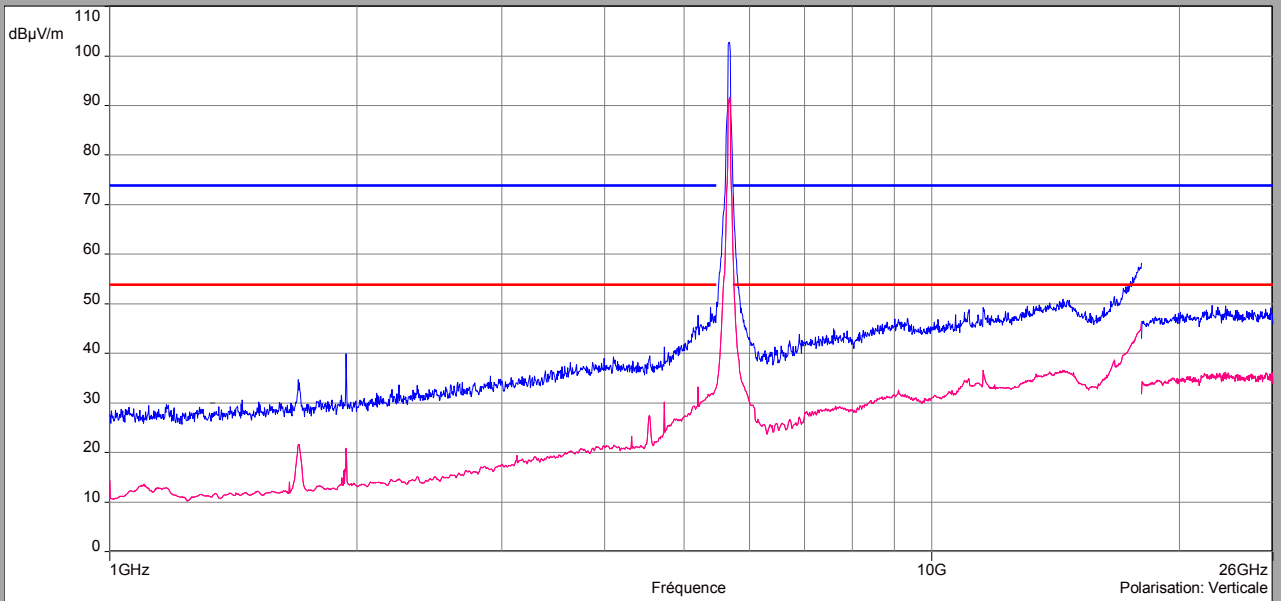


L C I E

Above 1GHz
802.11n HT40/ac VHT40
C21

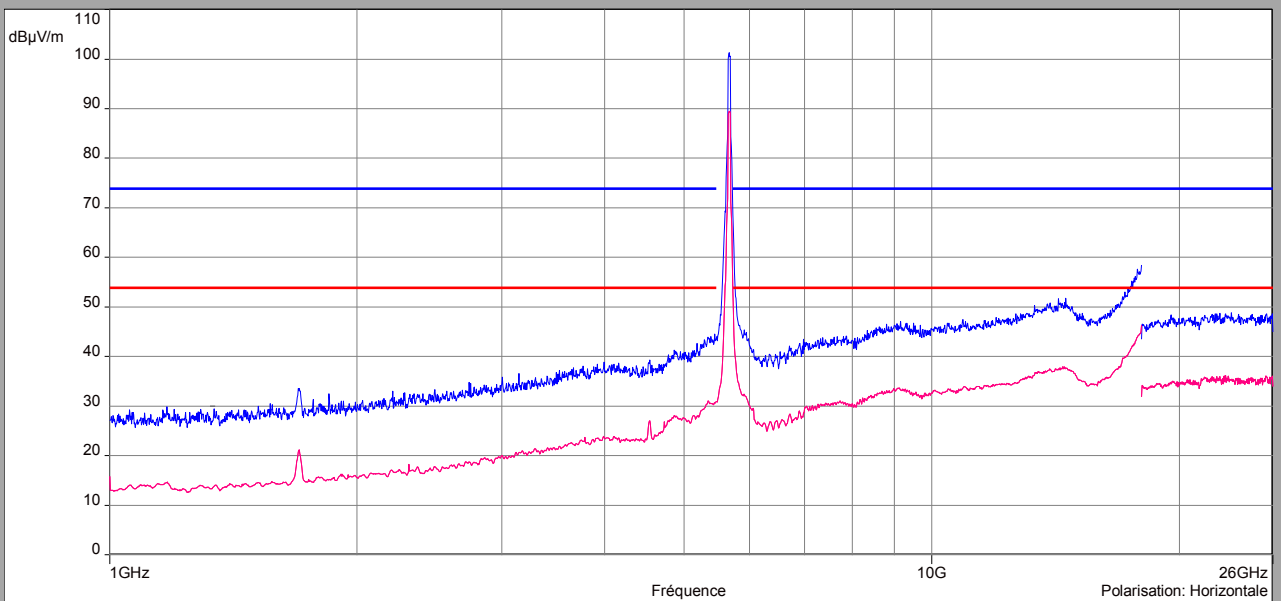
Vertical Polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes. Peak (Verticale)
- Mes. Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes. Peak (Horizontale)
- Mes. Avg (Horizontale)



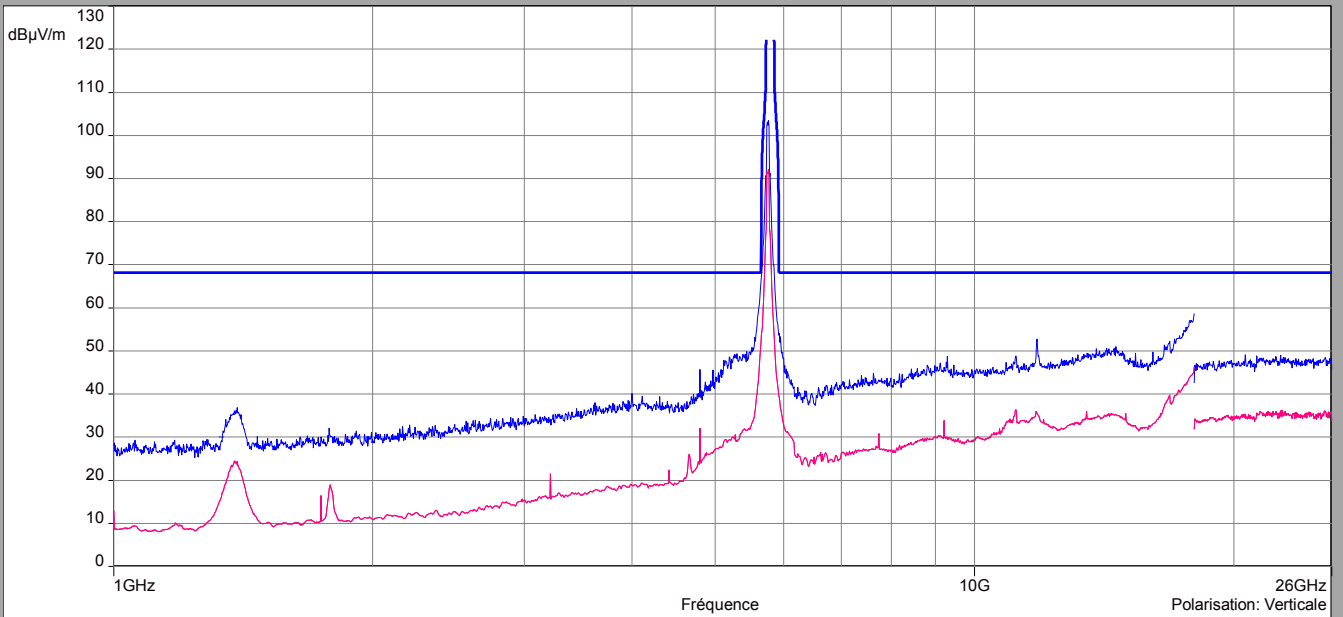


L C I E

Above 1GHz
802.11n HT40/ac VHT40
C22

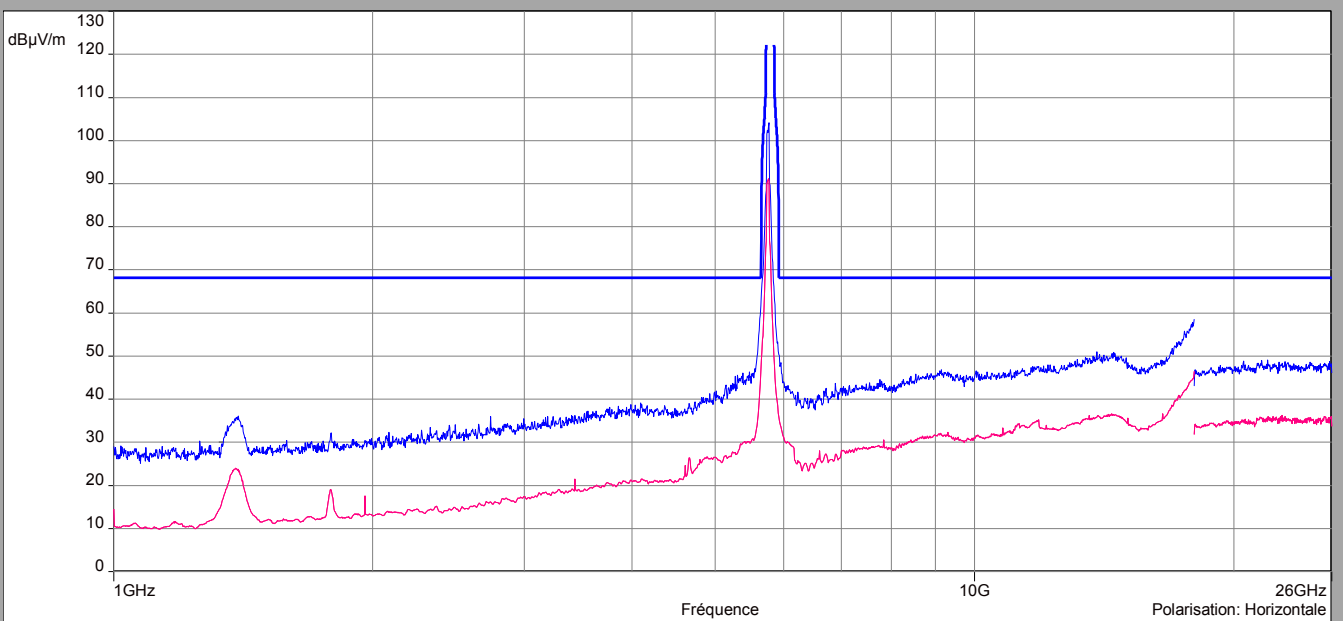
Vertical Polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Verticale)
Mes.Avg (Verticale)



Horizontal polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Horizontale)
Mes.Avg (Horizontale)





L C I E

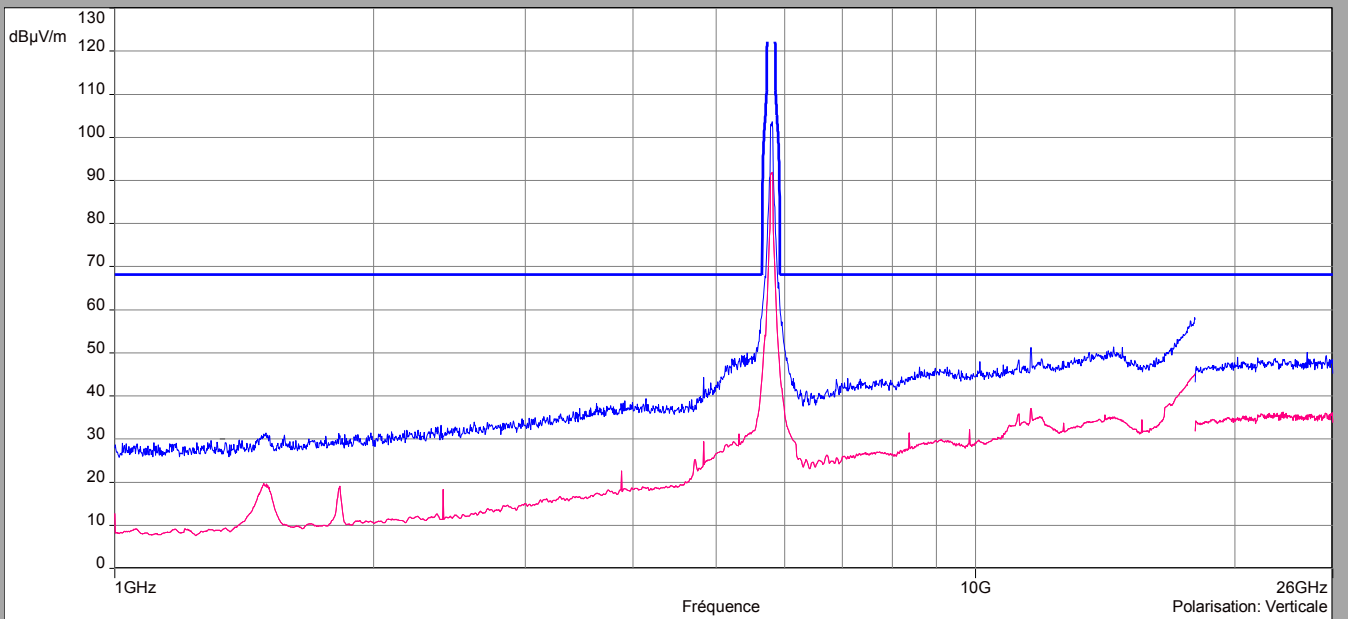
Above 1GHz

802.11n HT40/ac VHT40

C23

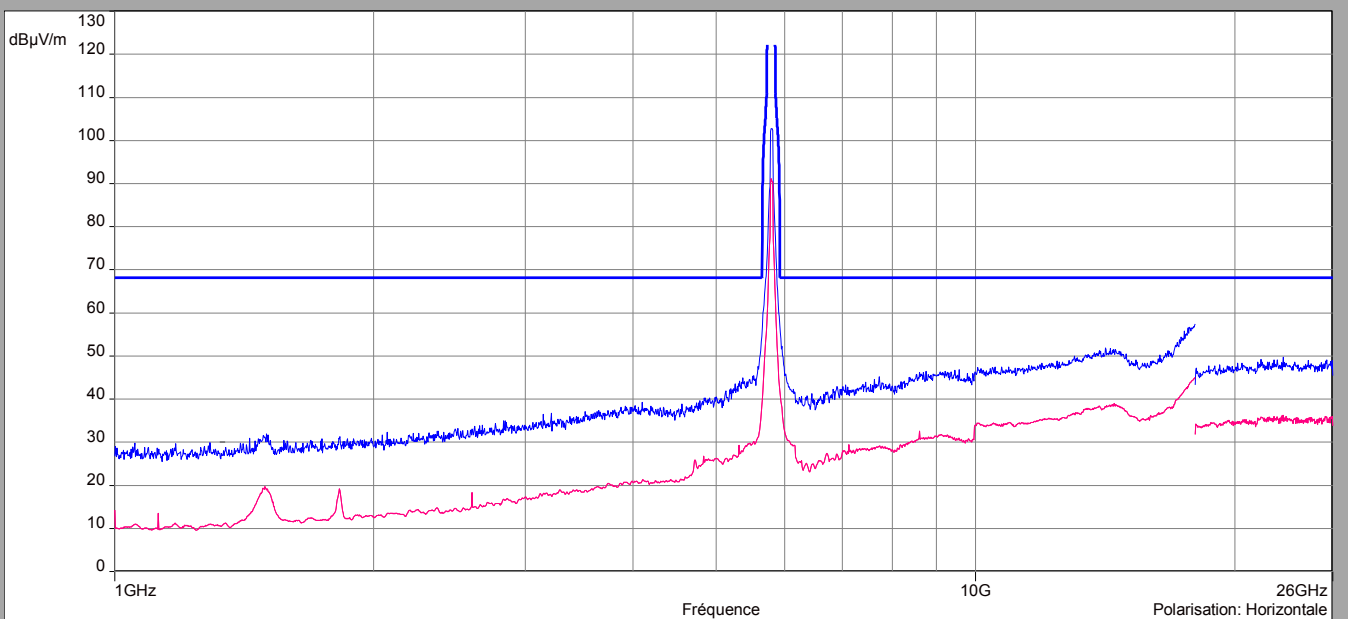
Vertical Polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Verticale)
Mes.Avg (Verticale)



Horizontal polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Horizontale)
Mes.Avg (Horizontale)





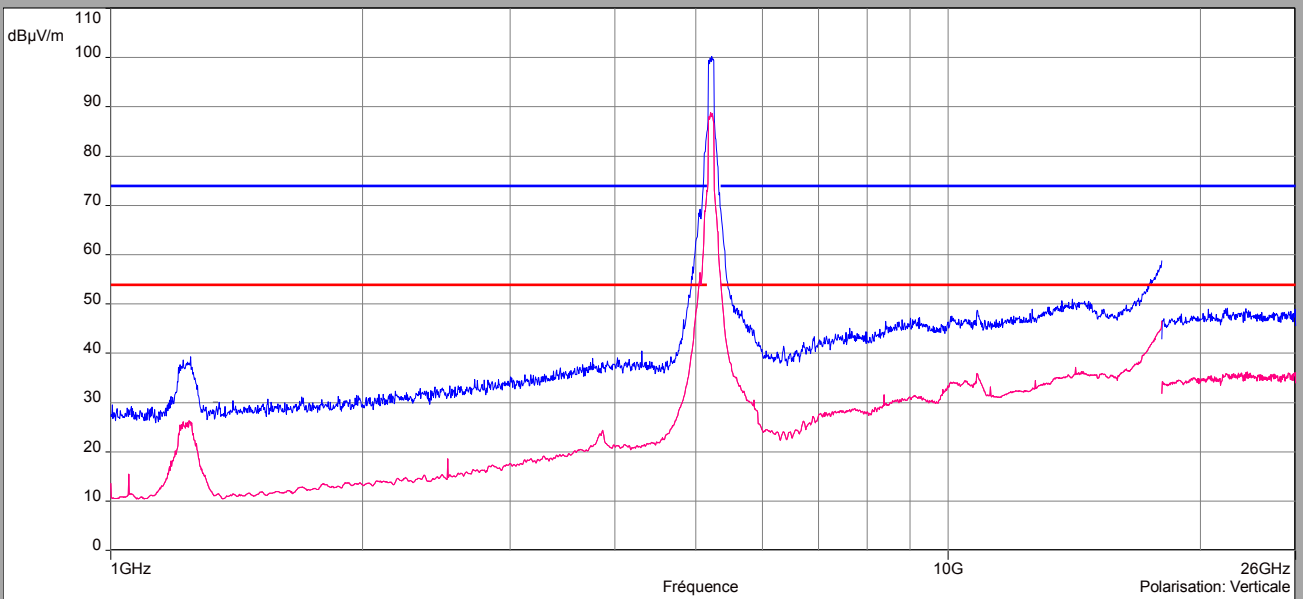
L C I E

Above 1GHz
802.11ac VHT80

C24

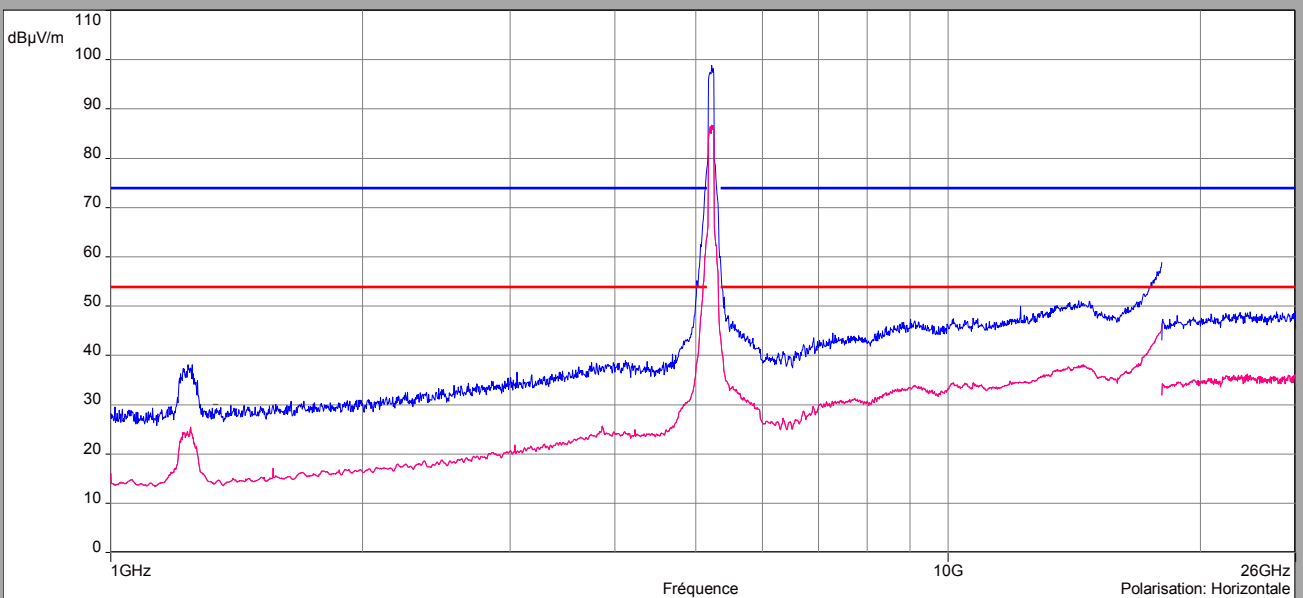
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Horizontale)
- Mes.Avg (Horizontale)



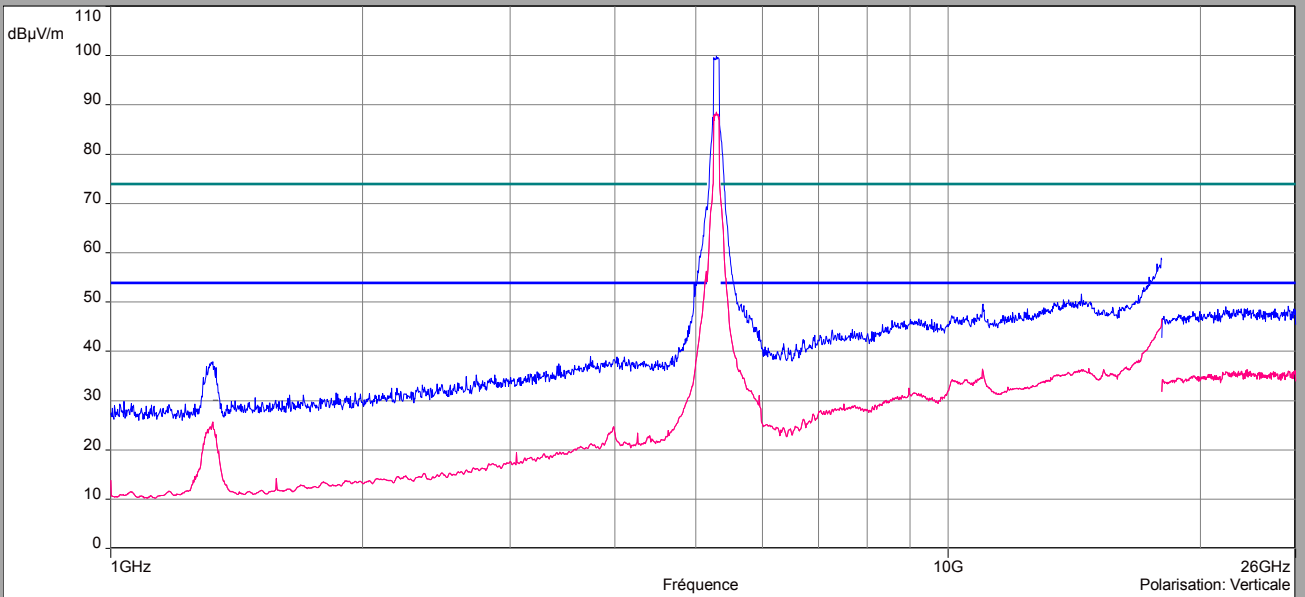


L C I E

Above 1GHz
802.11ac VHT80
C25

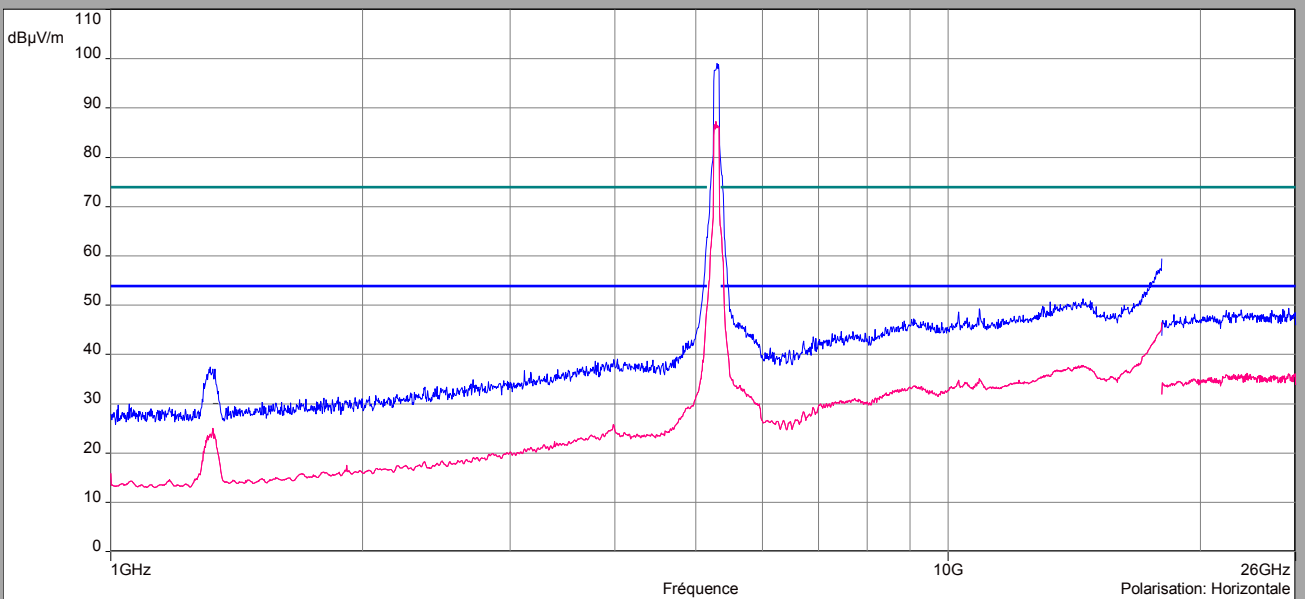
Vertical Polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5150MHz-5350MHz Band - Classe:1 - Crête/3.0m/
- Mes Peak (Horizontale)
- Mes.Avg (Horizontale)



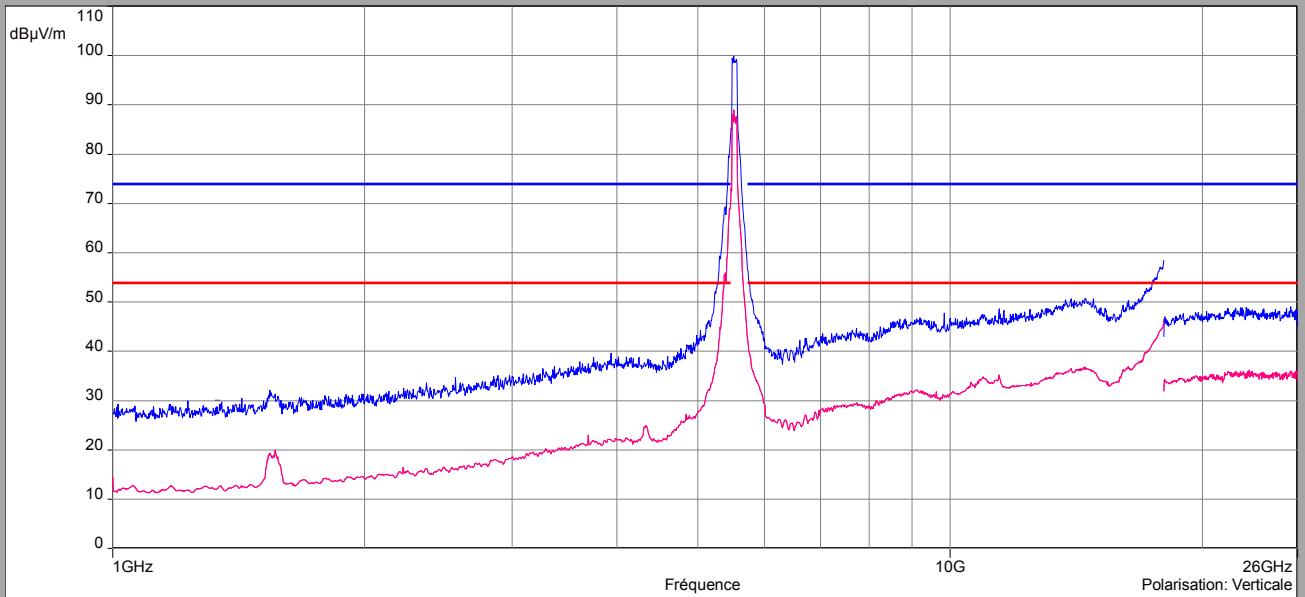


L C I E

Above 1GHz
802.11ac VHT80
C26

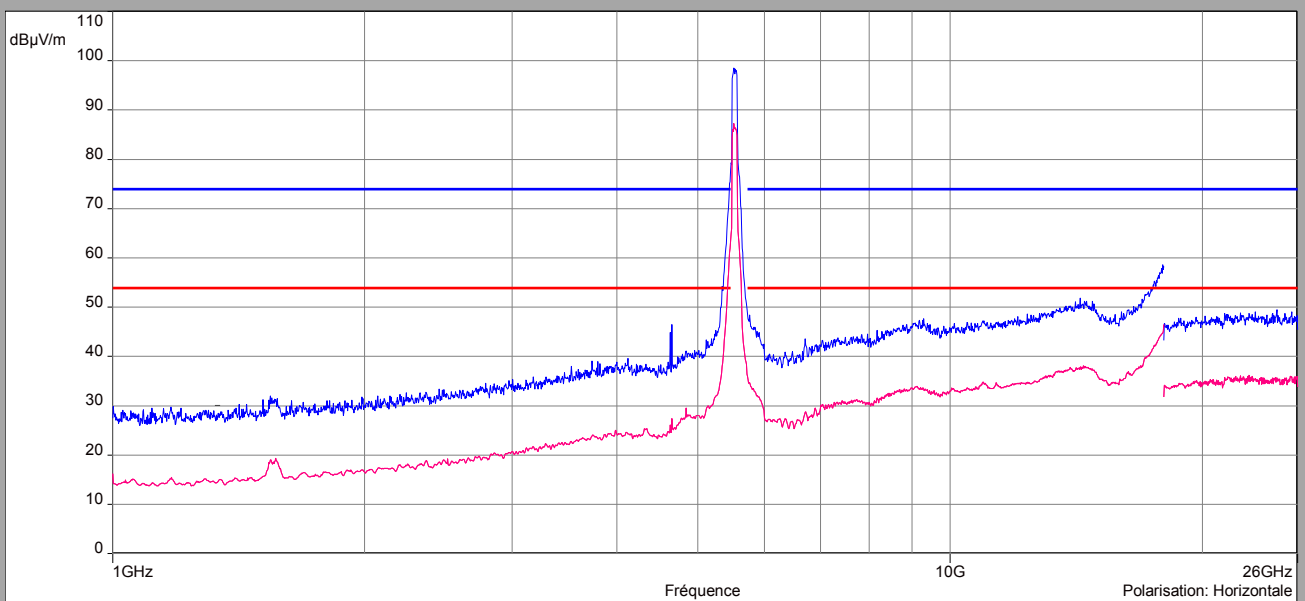
Vertical Polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes Peak (Horizontale)
- Mes.Avg (Horizontale)



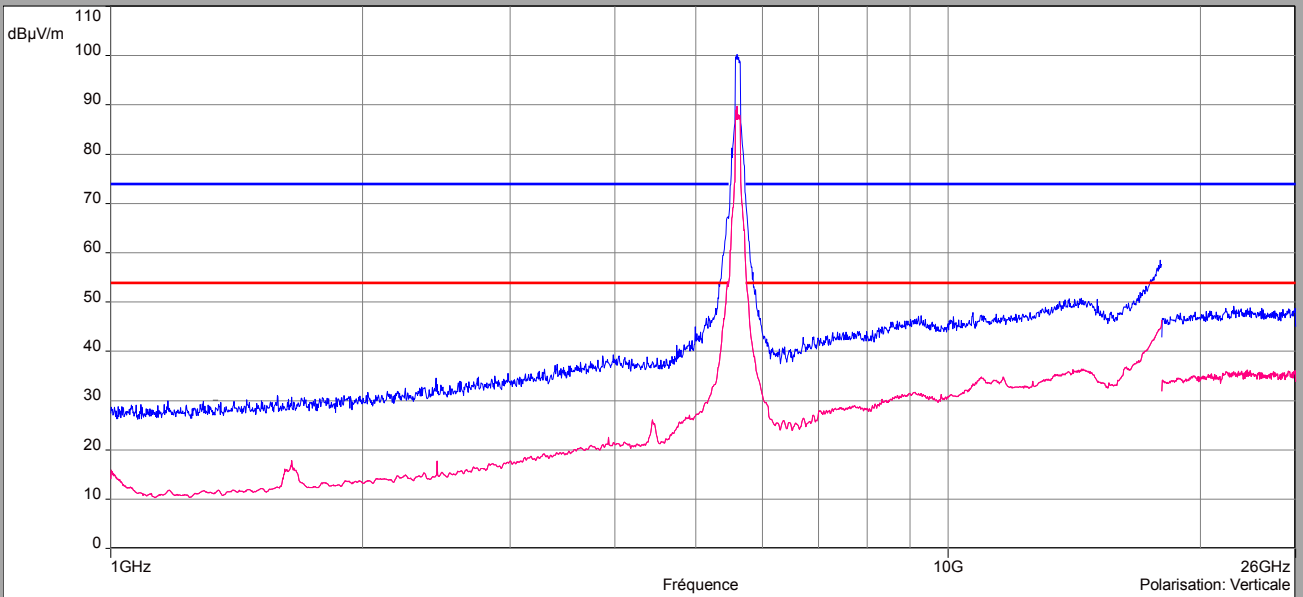


L C I E

Above 1GHz
802.11ac VHT80
C27

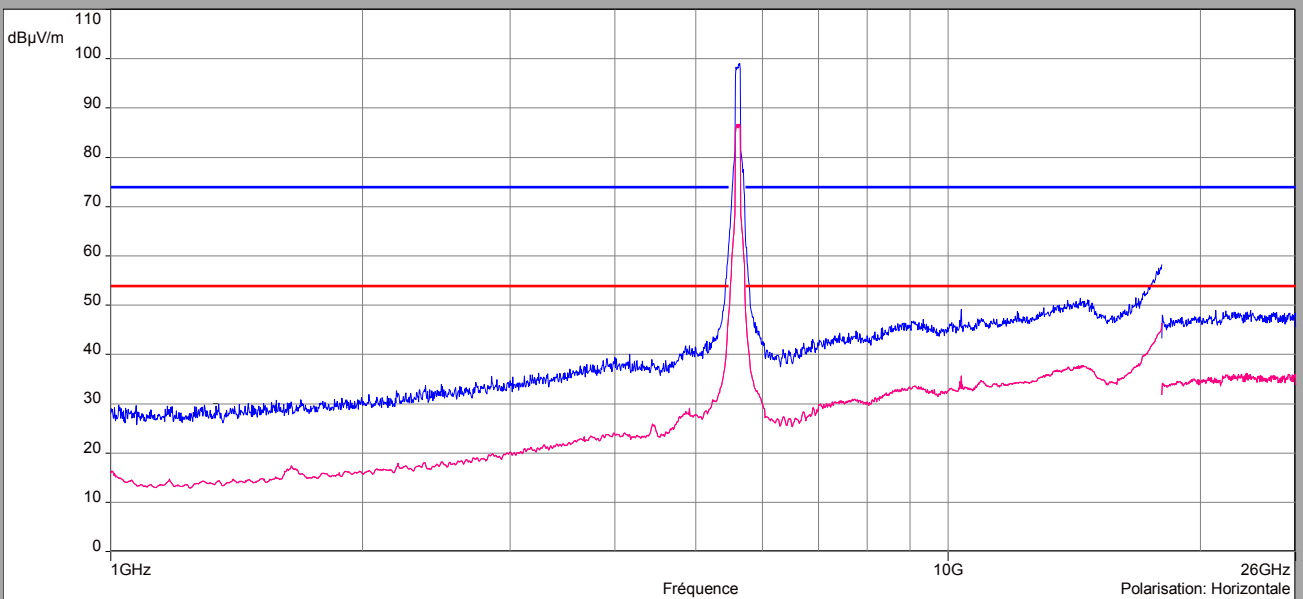
Vertical Polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes Peak (Horizontale)
- Mes.Avg (Horizontale)



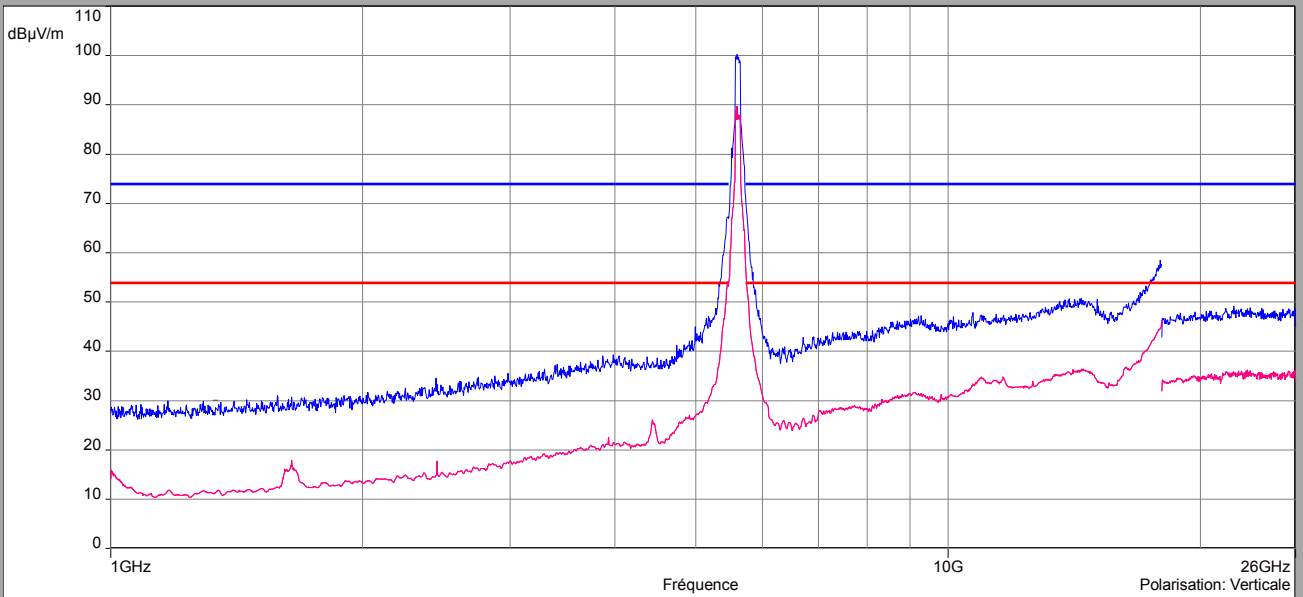


L C I E

Above 1GHz
802.11ac VHT80
C28

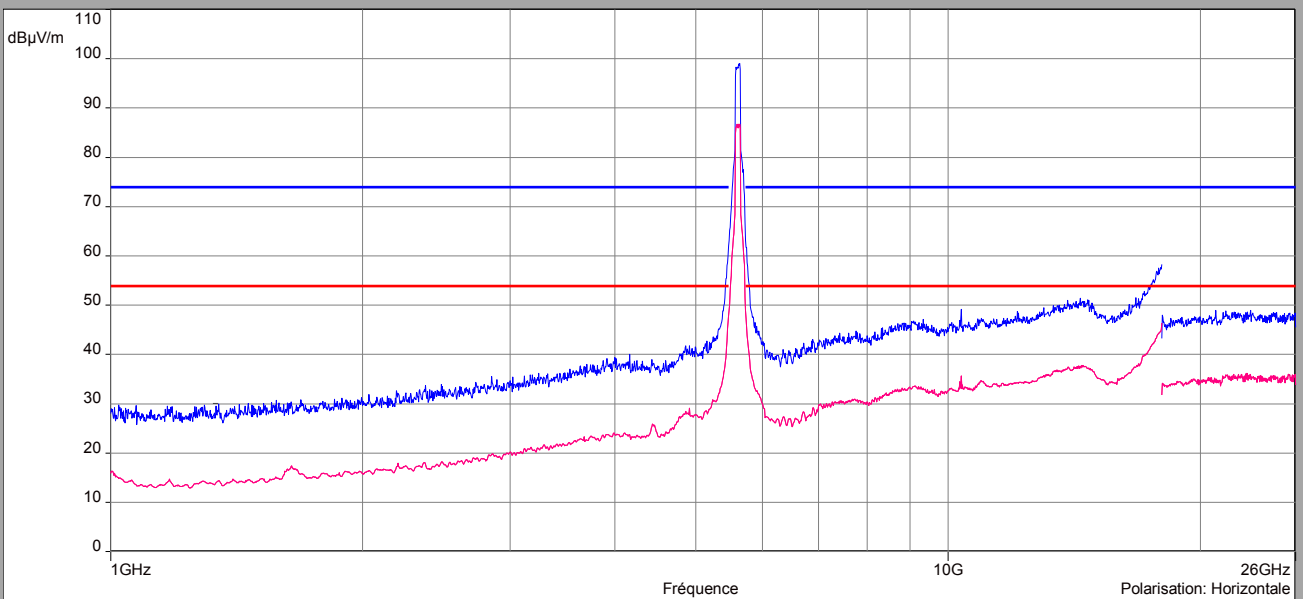
Vertical Polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes.Peak (Verticale)
- Mes.Avg (Verticale)



Horizontal polarization

- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Moyenne/3.0m/
- FCC/FCC 15.209 5470MHz-5725MHz Band - Classe:1 - Crête/3.0m/
- Mes Peak (Horizontale)
- Mes.Avg (Horizontale)



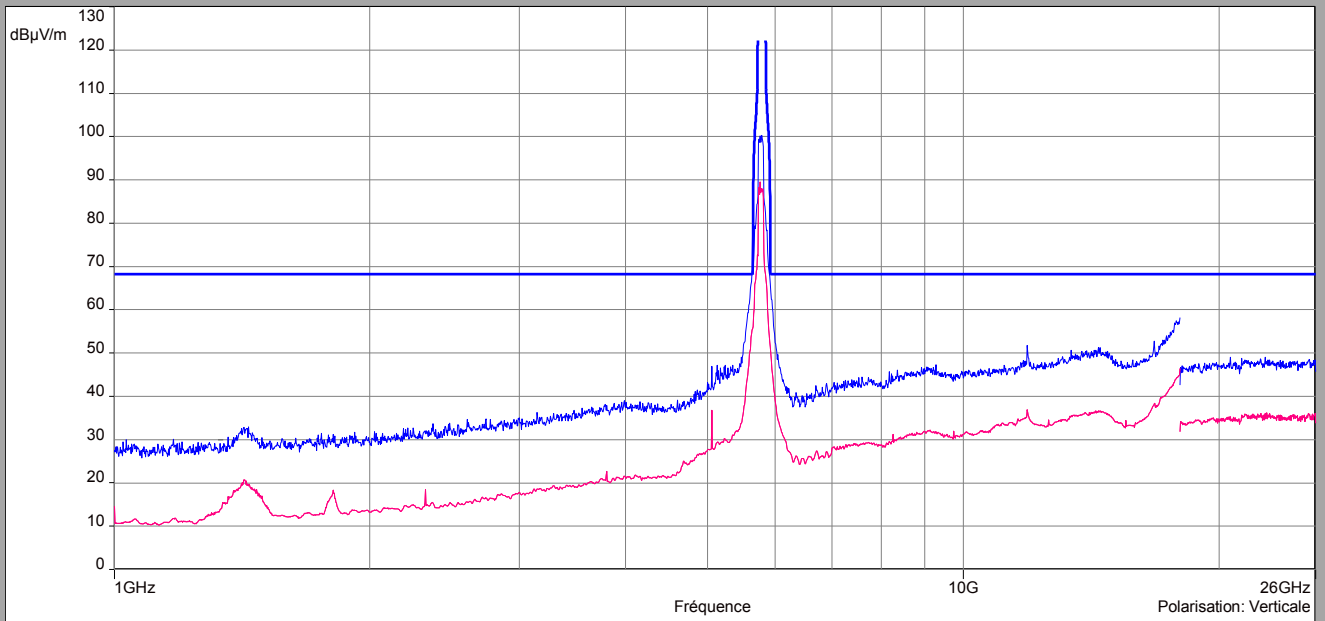


L C I E

Above 1GHz
802.11ac VHT80
C29

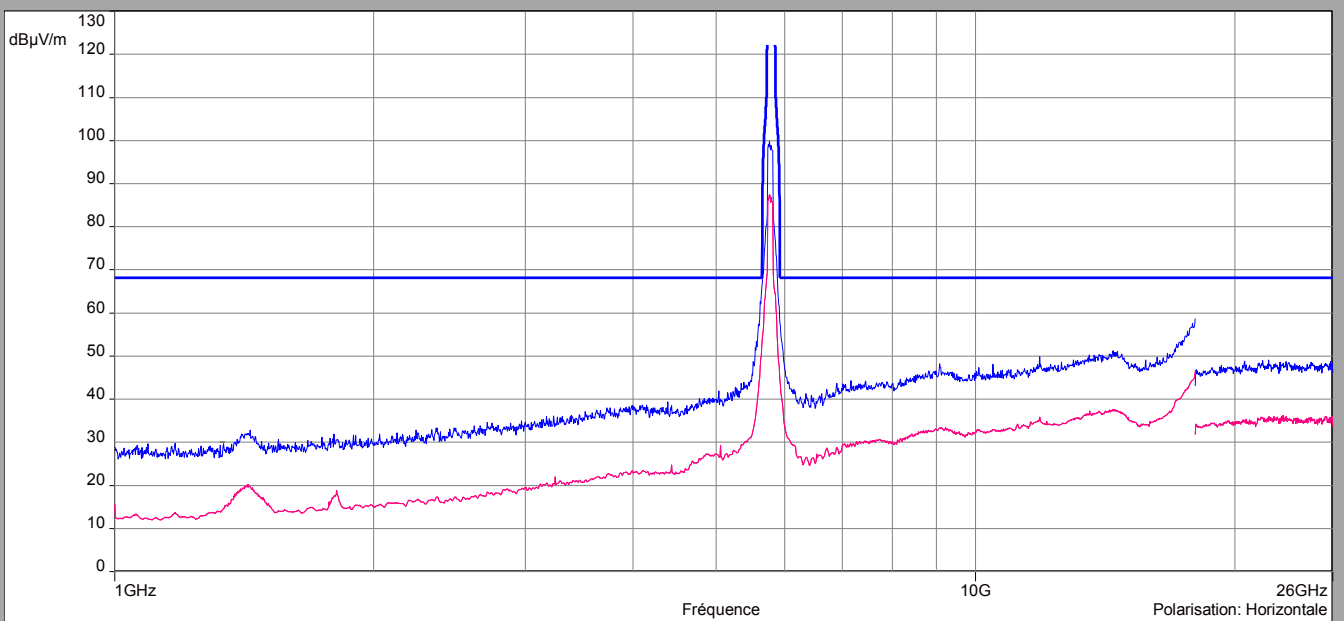
Vertical Polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Verticale)
Mes.Avg (Verticale)



Horizontal polarization

FCC/FCC 15.407 b (4) (i) 5725MHz-5850MHz - Classe:1 - Crête/3.0m/
Mes.Peak (Horizontale)
Mes.Avg (Horizontale)





L C I E

Below 1GHz					
Polarization	Frequency (MHz)	Peak Level (dB μ V/m)	QPeak Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB μ V/m)
Vertical	50.1	-	25.97	29.5	3.53
Vertical	143.3	-	24.57	33	8.43
Horizontal	400	-	26.73	35.5	8.77
Horizontal	700	-	24.3	35.5	11.2
Horizontal	720	-	24.25	35.5	11.25
Horizontal	800	-	25.81	35.5	9.69

Above 1GHz								
802.11a								
C1/C2/C3 (5150MHz-5250MHz)								
Polarization	Frequency (MHz)	Average Level (dB μ V/m)	Average Level + Duty Cycle Factor (dB μ V/m)	Average Limit (dB μ V/m)	Average Margin Level (dB μ V/m)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Peak Margin Level (dB μ V/m)
Horizontale	5138	45.90	45,97	54	8,03	64.10	74	9.90
Verticale	5148	52.06	52,13	54	1,87	69.33	74	4.67
Horizontale	5150	49.02	49,09	54	4,91	68.66	74	5.34
Verticale	5150	52.02	52,09	54	1,91	71.05	74	2.99
Horizontale	5350	46.28	46,35	54	7,65	59.31	74	14.69
Verticale	5350	52.01	52,08	54	1,92	62.70	74	10.80
Verticale	5351	51.60	51,67	54	2,33	63.10	74	10.90
Horizontale	5356	47.45	47,52	54	6,48	59.95	74	14.05

Above 1GHz								
802.11a								
C4/C5/C6 (5250MHz-5350MHz)								
Polarization	Frequency (MHz)	Average Level (dB μ V/m)	Average Level + Duty Cycle Factor (dB μ V/m)	Average Limit (dB μ V/m)	Average Margin Level (dB μ V/m)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Peak Margin Level (dB μ V/m)
Verticale	5146	47.00	47,07	54	6,93	59.99	74	14.01
Horizontale	5149	46.30	46,37	54	7,63	58.45	74	15.55
Horizontale	5150	46.65	46,72	54	7,28	57.11	74	16.89
Verticale	5150	47.10	47,17	54	6,83	57.35	74	16.65
Horizontale	5350	50.20	50,27	54	3,73	64.45	74	9.55
Verticale	5350	51.05	51,12	54	2,88	67.11	74	6.89
Verticale	5352	51.30	51,37	54	2,63	69.15	74	4.85
Horizontale	5351	50.15	50,22	54	3,78	67.90	74	6.10



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Above 1GHz								
802.11a								
C7/C8/C9 (5470MHz-5725MHz)								
Polarization	Frequency (MHz)	Average Level (dB μ V/m)	Average Level + Duty Cycle Factor (dB μ V/m)	Average Limit (dB μ V/m)	Average Margin Level (dB μ V/m)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Peak Margin Level (dB μ V/m)
Verticale	5467	51.00	51,07	54	2,93	69.45	74	4.55
Horizontale	5470	49.50	49,57	54	4,43	66.75	74	7.25
Verticale	5470	52.20	52,27	54	1,73	70.25	74	3.75
Horizontale	5725	48.55	48,62	54	5,38	65.90	74	8.10
Verticale	5725	52.00	52,07	54	1,93	67.77	74	6.23
Verticale	5727	50.60	50,67	54	3,33	66.65	74	7.35
Horizontale	5732	48.90	48,97	54	5,03	65.90	74	8.10

Above 1GHz								
802.11a								
C11/C12/C13 (5725MHz-5850MHz)								
Polarization	Frequency (MHz)	Average Level (dB μ V/m)	Average Level + Duty Cycle Factor (dB μ V/m)	Average Limit (dB μ V/m)	Average Margin Level (dB μ V/m)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Peak Margin Level (dB μ V/m)
Horizontale	5723	73.10	73,17	119.20	46,03	89.50	119.20	29.70
Horizontale	5725	72.50	72,57	122.2	49,63	89.40	122.2	32.80
Verticale	5725	76.05	76,12	122.2	46,08	89.65	122.2	32.55
Horizontale	5850	63.30	63,37	122.2	58,83	79.80	122.2	42.40
Verticale	5850	60.55	60,62	122.2	61,58	76.75	122.2	45.45
Verticale	5859	61.50	61,57	109.90	48,33	79.90	109.90	30.00
Horizontale	5866	55.70	55,77	108.20	52,43	75.60	108.20	32.60



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Above 1GHz								
802.11n HT20/ac VHT20								
C1/C2/C3 (5150MHz-5250MHz)								
Polarization	Frequency (MHz)	Average Level (dB μ V/m)	Average Level + Duty Cycle Factor (dB μ V/m)	Average Limit (dB μ V/m)	Average Margin Level (dB μ V/m)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Peak Margin Level (dB μ V/m)
Horizontale	5147	47.77	48,05	54	5,95	67.05	74	6.95
Verticale	5148	48.25	48,53	54	5,47	70.66	74	3.34
Horizontale	5150	49.50	49,78	54	4,22	68.65	74	5.35
Verticale	5150	51.85	52,13	54	1,87	69.35	74	4.65
Horizontale	5350	46.80	47,08	54	6,92	59.45	74	14.55
Verticale	5350	50.10	50,38	54	3,62	61.70	74	12.30
Verticale	5354	49.40	49,68	54	4,32	62.85	74	11.15
Horizontale	5356	46.55	46,83	54	7,17	59.95	74	14.05

Above 1GHz								
802.11n HT20/ac VHT20								
C4/C5/C6 (5250MHz-5350MHz)								
Polarization	Frequency (MHz)	Average Level (dB μ V/m)	Average Level + Duty Cycle Factor (dB μ V/m)	Average Limit (dB μ V/m)	Average Margin Level (dB μ V/m)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Peak Margin Level (dB μ V/m)
Verticale	5147	46.70	46,98	54	7,02	59.40	74	14.60
Horizontale	5148	45.95	46,23	54	7,77	59.55	74	14.45
Horizontale	5150	46.65	46,93	54	7,07	59.10	74	14.90
Verticale	5150	47.45	47,73	54	6,27	58.22	74	15.78
Horizontale	5350	48.24	48,52	54	5,48	64.95	74	9.05
Verticale	5350	52.50	52,78	54	1,22	70.90	74	3.10
Horizontale	5351	47.80	48,08	54	5,92	62.10	74	11.90
Verticale	5352	51.75	52,03	54	1,97	68.60	74	5.40



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Above 1GHz								
802.11n HT20/ac VHT20								
C7/C8/C9 (5470MHz-5725MHz)								
Polarization	Frequency (MHz)	Average Level (dB μ V/m)	Average Level + Duty Cycle Factor (dB μ V/m)	Average Limit (dB μ V/m)	Average Margin Level (dB μ V/m)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Peak Margin Level (dB μ V/m)
Verticale	5469	51.60	51,88	54	2,12	72.08	74	1.92
Horizontale	5470	48.80	49,08	54	4,92	68.90	74	5.10
Verticale	5470	51.75	52,03	54	1,97	71.70	74	2.30
Horizontale	5725	46.60	46,88	54	7,12	62.95	74	11.05
Verticale	5725	51.24	51,52	54	2,48	71.50	74	2.50
Verticale	5726	50.90	51,18	54	2,82	71.99	74	2.01
Horizontale	57.29	45.40	45,68	54	8,32	61.70	74	12.30

Above 1GHz								
802.11n HT20/ac VHT20								
C11/C12/C13 (5725MHz-5850MHz)								
Polarization	Frequency (MHz)	Average Level (dB μ V/m)	Average Level + Duty Cycle Factor (dB μ V/m)	Average Limit (dB μ V/m)	Average Margin Level (dB μ V/m)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Peak Margin Level (dB μ V/m)
Horizontale	5713	57.15	57,43	109.20	51,77	75.30	109.20	33.90
Verticale	5724	76.30	76,58	120.80	44,22	92.88	120.80	27.92
Horizontale	5725	71.30	71,58	122.20	50,62	87.66	122.20	34.54
Verticale	5725	77.30	77,58	122.20	44,62	92.80	122.20	29.40
Horizontale	5850	63.50	63,78	122.20	58,42	80.99	122.20	41.21
Verticale	5850	65.70	65,98	122.20	56,22	82.20	122.20	40.00
Verticale	5854	62.80	63,08	114.60	51,52	81.90	114.60	32.70
Horizontale	5855	57.77	58,05	110.80	52,75	77.50	110.80	33.30



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Above 1GHz								
802.11n HT40/ac VHT40								
C14/C15 (5150MHz-5250MHz)								
Polarization	Frequency (MHz)	Average Level (dB μ V/m)	Average Level + Duty Cycle Factor (dB μ V/m)	Average Limit (dB μ V/m)	Average Margin Level (dB μ V/m)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Peak Margin Level (dB μ V/m)
Verticale	5136	48.75	49,30	54	4,70	71.70	74	2.30
Horizontale	5147	51.45	52,00	54	2,00	72.50	74	1.50
Horizontale	5150	51.90	52,45	54	1,55	66.65	74	7.35
Verticale	5150	52.35	52,90	54	1,10	69.50	74	4.50
Horizontale	5350	47.30	47,85	54	6,15	59.45	74	14.55
Verticale	5350	50.20	50,75	54	3,25	62.99	74	11.01
Horizontale	5351	47.00	47,55	54	6,45	60.20	74	13.80
Verticale	5353	50.00	50,55	54	3,45	63.80	74	10.20

Above 1GHz								
802.11n HT40/ac VHT40								
C16/C17 (5250MHz-5350MHz)								
Polarization	Frequency (MHz)	Average Level (dB μ V/m)	Average Level + Duty Cycle Factor (dB μ V/m)	Average Limit (dB μ V/m)	Average Margin Level (dB μ V/m)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Peak Margin Level (dB μ V/m)
Horizontale	5146	45.80	46,35	54	7,65	59.20	74	14.80
Verticale	5149	47.38	47,93	54	6,07	61.10	74	12.90
Horizontale	5150	46.50	47,05	54	6,95	58.50	74	15.50
Verticale	5150	47.60	48,15	54	5,85	59.60	74	14.40
Horizontale	5350	48.60	49,15	54	4,85	63.10	74	10.90
Verticale	5350	51.60	52,15	54	1,85	70.20	74	3.80
Verticale	5354	51.60	52,15	54	1,85	72.80	74	1.20
Horizontale	5366	45.45	46,00	54	8,00	63.10	74	10.90



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Above 1GHz								
802.11n HT40/ac VHT40								
C18/C19/C20 (5470MHz-5725MHz)								
Polarization	Frequency (MHz)	Average Level (dB μ V/m)	Average Level + Duty Cycle Factor (dB μ V/m)	Average Limit (dB μ V/m)	Average Margin Level (dB μ V/m)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Peak Margin Level (dB μ V/m)
Verticale	5456	48.90	49,45	54	4,55	70.25	74	3.75
Horizontale	5469	47.40	47,95	54	6,05	69.30	74	4.70
Horizontale	5470	47.50	48,05	54	5,95	66.10	74	7.90
Verticale	5470	50.90	51,45	54	2,55	69.45	74	4.55
Horizontale	5725	47.30	47,85	54	6,15	63.45	74	10.55
Verticale	5725	51.10	51,65	54	2,35	67.70	74	6.30
Verticale	5726	50.45	51,00	54	3,00	70.85	74	3.15

Above 1GHz								
802.11n HT40/ac VHT40								
C22/C23 (5725MHz-5850MHz)								
Polarization	Frequency (MHz)	Average Level (dB μ V/m)	Average Level + Duty Cycle Factor (dB μ V/m)	Average Limit (dB μ V/m)	Average Margin Level (dB μ V/m)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Peak Margin Level (dB μ V/m)
Horizontale	5718	70.20	70,75	110.40	39,65	88.60	110.40	21.80
Verticale	5722	76.98	77,53	117.20	39,67	95.50	117.20	21.70
Horizontale	5725	71.30	71,85	122.20	50,35	85.70	122.20	36.50
Verticale	5725	77.77	78,32	122.20	43,88	94.50	122.20	27.70
Horizontale	5850	53.65	54,20	122.20	68,00	67.40	122.20	54.80
Verticale	5850	59.20	59,75	122.20	62,45	73.50	122.20	48.70
Verticale	5851	60.05	60,60	120.80	60,20	78.20	120.80	42.60
Horizontale	58.59	52.55	53,10	109.90	56,80	70.90	109.90	39.00



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Above 1GHz								
802.11ac VHT80								
C24 (5150MHz-5250MHz)								
Polarization	Frequency (MHz)	Average Level (dB μ V/m)	Average Level + Duty Cycle Factor (dB μ V/m)	Average Limit (dB μ V/m)	Average Margin Level (dB μ V/m)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Peak Margin Level (dB μ V/m)
Verticale	5147	50.90	51,84	54	2,17	67.30	74	6.70
Horizontale	5150	50.30	51,24	54	2,77	66.10	74	7.90
Verticale	5150	51.05	51,99	54	2,02	66.60	74	7.40
Horizontale	5350	46.10	47,04	54	6,97	58.30	74	15.70
Verticale	5350	48.70	49,64	54	4,36	61.80	74	12.20
Verticale	5362	48.40	49,34	54	4,67	62.10	74	11.90
Horizontale	5369	45.35	46,29	54	7,72	59.35	74	14.65

Above 1GHz								
802.11ac VHT80								
C25 (5250MHz-5350MHz)								
Polarization	Frequency (MHz)	Average Level (dB μ V/m)	Average Level + Duty Cycle Factor (dB μ V/m)	Average Limit (dB μ V/m)	Average Margin Level (dB μ V/m)	Peak Level (dB μ V/m)	Peak Limit (dB μ V/m)	Peak Margin Level (dB μ V/m)
Horizontale	5132	44.90	45,84	54	8,17	58.60	74	15.40
Verticale	5137	46.40	47,34	54	6,67	61.15	74	12.85
Horizontale	5150	45.40	46,34	54	7,67	58.00	74	16.00
Verticale	5150	46.20	47,14	54	6,86	58.47	74	15.53
Horizontale	5350	48.10	49,04	54	4,97	61.98	74	12.02
Verticale	5350	51.75	52,69	54	1,32	67.67	74	6.33
Verticale	5351	51.40	52,34	54	1,67	70.99	74	3.01
Horizontale	5354	47.80	48,74	54	5,27	63.20	74	10.80



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Above 1GHz								
802.11ac VHT80								
C26/C27 (5470MHz-5725MHz)								
Polarization	Frequency (MHz)	Average Level (dBµV/m)	Average Level + Duty Cycle Factor (dBµV/m)	Average Limit (dBµV/m)	Average Margin Level (dBµV/m)	Peak Level (dBµV/m)	Peak Limit (dBµV/m)	Peak Margin Level (dBµV/m)
Verticale	5464	49.88	50,82	54	3,19	70.50	74	3.50
Horizontale	5466	47.10	48,04	54	5,97	65.50	74	8.50
Horizontale	5470	47.25	48,19	54	5,82	66.20	74	7.80
Verticale	5470	50.74	51,68	54	2,33	69.98	74	4.02
Horizontale	5725	44.05	44,99	54	9,02	55.80	74	18.20
Verticale	5725	45.30	46,24	54	7,77	57.65	74	16.35
Verticale	5730	45.20	46,14	54	7,86	58.65	74	15.35
Horizontale	5735	43.90	44,84	54	9,17	56.90	74	17.10

Above 1GHz								
802.11ac VHT80								
C29 (5725MHz-5850MHz)								
Polarization	Frequency (MHz)	Average Level (dBµV/m)	Average Level + Duty Cycle Factor (dBµV/m)	Average Limit (dBµV/m)	Average Margin Level (dBµV/m)	Peak Level (dBµV/m)	Peak Limit (dBµV/m)	Peak Margin Level (dBµV/m)
Verticale	5717	56.20	57,14	110.15	53,02	74.10	110.15	36.05
Horizontale	5725	56.50	57,44	122.20	64,77	73.60	122.20	48.60
Verticale	5725	56.80	57,74	122.20	64,47	73.60	122.20	48.60
Horizontale	5850	53.65	54,59	122.20	67,62	69.85	122.20	52.35
Verticale	5850	53.80	54,74	122.20	67,47	69.69	122.20	52.51
Verticale	5856	52.22	53,16	110.60	57,45	69.90	110.60	40.70

11.7. CONCLUSION

Unwanted emissions & Undesirable emission measurement performed on the sample of the product **SAGEMCOM DCIW387 ATN**, SN: **617510000063**, in configuration and description presented in this test report, show levels **compliant** to the 47 CFR PART 15.407 limits.

12. UNCERTAINTIES CHART

47 CFR Part 15.209 & 15.207 Kind of test	Wide uncertainty laboratory (k=2) ±x(dB) / (Hz)/ ms	Uncertainty limit
Measurement of conducted disturbances in voltage on the AC power port (9 kHz – 150 kHz)	2,67	3.8
Measurement of conducted disturbances in voltage on the AC power port (150 kHz – 30 MHz)	2,67	3.4
Measurement of conducted disturbances in voltage on the telecommunication port. (AAN)	3,67	5.0
Measurement of conducted disturbances in current (current clamp)	2,73	2.9
Measurement of disturbance power	2,67	4.5
Measurement of radiated magnetic field from 10kHz to 30MHz in SAC V01	4,48	/
Measurement of radiated magnetic field from 10kHz to 30MHz in SAC C01	4,48	/
Measurement of radiated electric field from 30 to 1000MHz in horizontal position on the OATS (Ecuelles)	4,88	6.3
Measurement of radiated electric field from 1 to 18GHz on the Ecuelles site	5.16	/
Measurement of radiated electric field from 30 to 1000MHz in vertical position on the OATS (Ecuelles)	4,99	6.3
Measurement of radiated electric field from 30 to 1000MHz in horizontal position in SAC C01	5,08	6.3
Measurement of radiated electric field from 30 to 1000MHz in vertical position in SAC C01	5,16	6.3
Measurement of radiated electric field from 30 to 1000MHz in horizontal position in SAC V01	5,08	6.3
Measurement of radiated electric field from 30 to 1000MHz in vertical position in SAC V01	5,15	6.3
Measurement of radiated electric field from 1 to 6 GHz C01	5,1	5.2
Measurement of radiated electric field from 1 to 6 GHz V01	4,85	5.2
Measurement of radiated magnetic field from 10kHz to 30MHz on the OATS (Ecuelles)	4,48	/

The uncertainty values calculated by the laboratory are lower than limit uncertainty values defined by the CISPR. The conformity of the sample is directly established by the applicable limits values. This table includes all uncertainties maximum feasible for testing in the laboratory, whether or not made in this report