

10. BAND EDGE**Temperature (°C) :** 25 to 26**Humidity (%HR):** 40 to 43**Date :** October 7, 2025 and
October 8, 2025**Technician :** B. VOVARD**Standard:** FCC Part 15
RSS-247**Test procedure:**

For FCC Part 15: Paragraph 15.215, 15.407 (b)

For RSS-247: paragraph 6.2

Method: paragraph II.G.3 d) of KDB 789033 "*Band edge measurements*"**Test set up:**

Test realized in near field. All field strength measurements are correlated with the radiated maximum peak output power.

Test operating condition of the equipment:

The equipment under test is blocked in continuous modulated transmission mode, at the highest output power level at which the transmitter is intended to operate in 802.11a, 802.11n and in 802.11ac.

Power source: 3.3 Vdc through a host equipment

Percentage of voltage variation during the test (%):

 ± 1

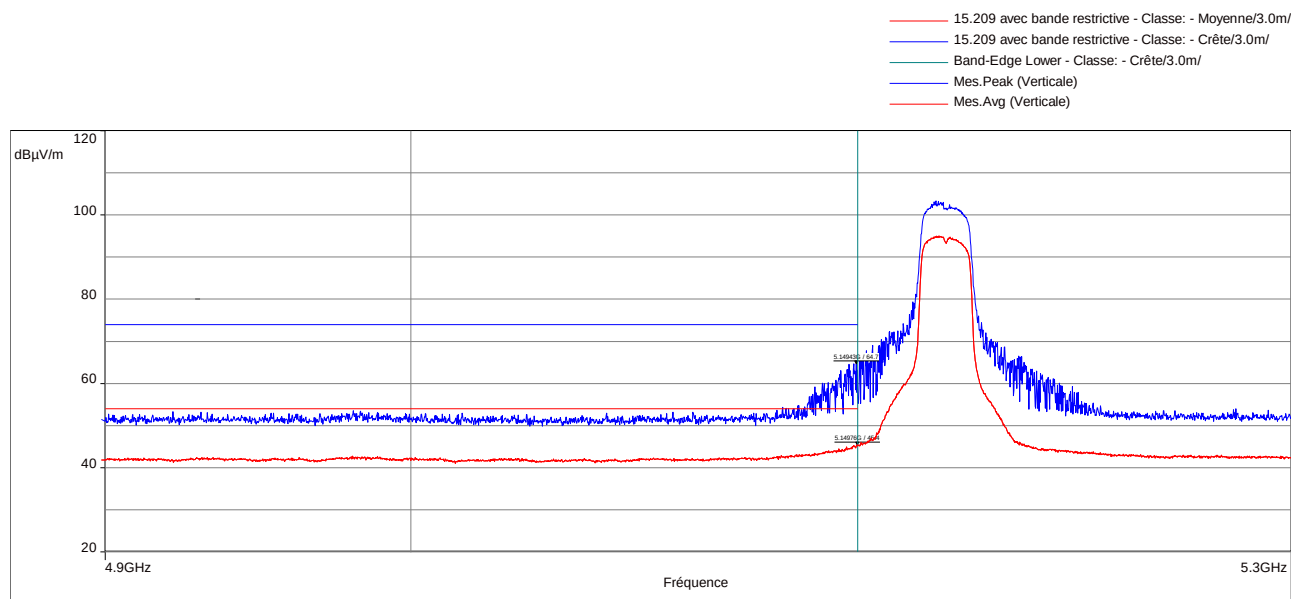
Results:

Lower Band Edge: From 5148 MHz to 5150 MHz

Upper Band Edge: From 5350 MHz to 5352 MHz

Band U-NII-1 – mode 802.11a – Bandwidth: 20 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5180	103.32	Peak	5149.43 (2)	-38.62	64.70	74.00	9.30
5180	103.32	Average	5149.76 (2)	-57.92	45.40 (3)	54.00	8.60

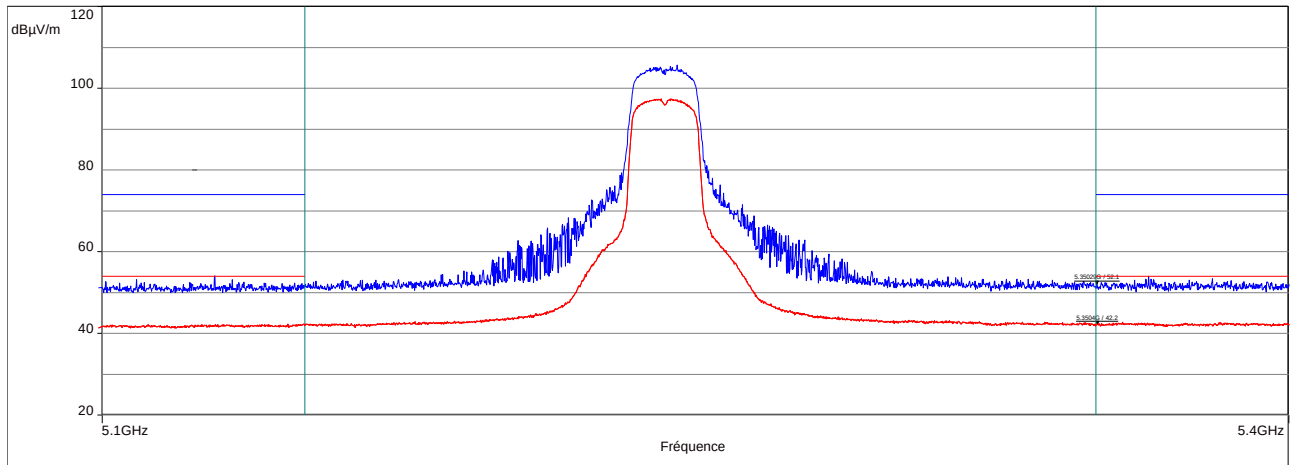
(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

15.209 avec bande restrictive - Classe: - Moyenne/3.0m/
 15.209 avec bande restrictive - Classe: - Crête/3.0m/
 Band-Edge Lower - Classe: - Crête/3.0m/
 Band-Edge Upper - Classe: - Crête/3.0m/
 Mes.Peak (Verticale)
 Mes.Avg (Verticale)



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5240	105.64	Peak	5350.29 (2)	-53.54	52.10	74.00	21.90
5240	105.64	Average	5350.40 (2)	-63.44	42.20 (3)	54.00	11.80

(1) Marker-Delta method

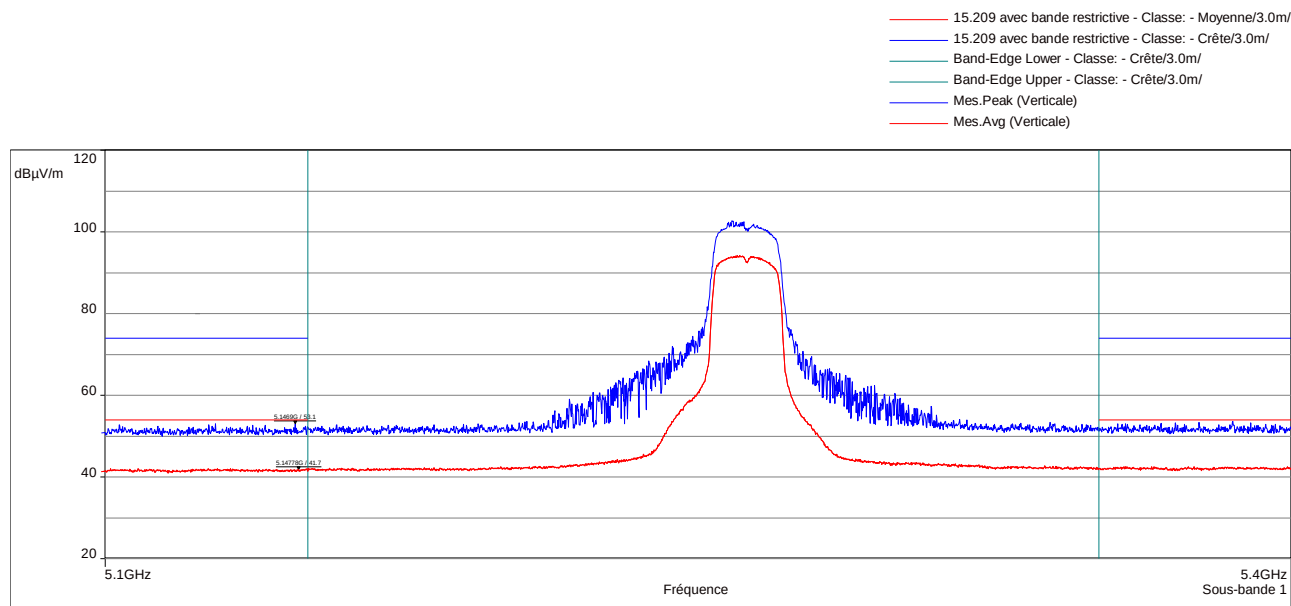
(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

Band U-NII-2A – mode 802.11a – Bandwidth: 20 MHz

Sample N° 1:



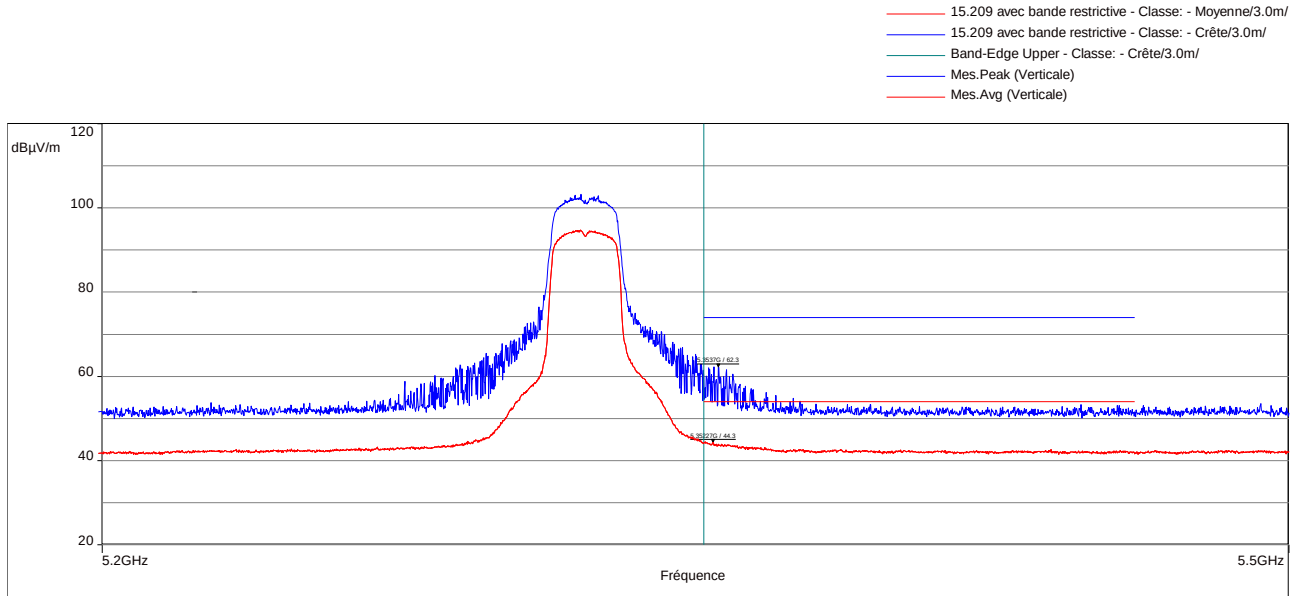
Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5260	102.63	Peak	5146.90 (2)	-49.53	53.10	74.00	20.90
5260	102.63	Average	5147.78 (2)	-60.93	41.70 (3)	54.00	12.30

(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5320	103.29	Peak	5353.70 (2)	-40.99	62.30	74.00	11.70
5320	103.29	Average	5352.27 (2)	-58.99	44.30 (3)	54.00	9.70

(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

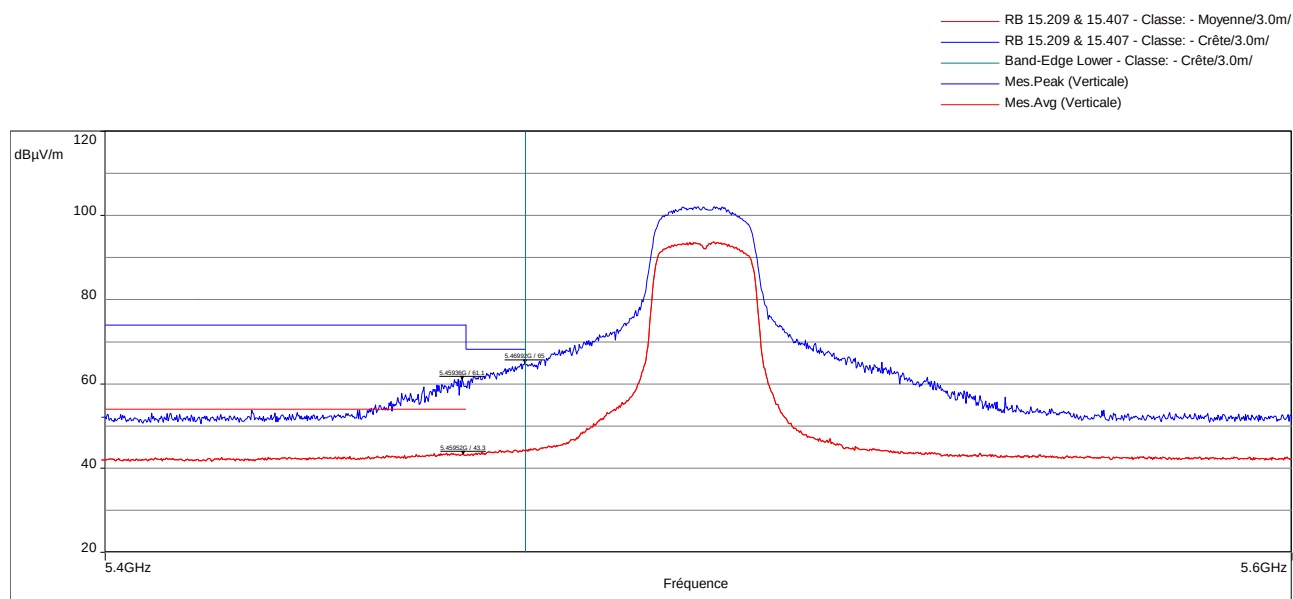
(3) Duty-Factor included

Lower Band Edge: From 5468 MHz to 5470 MHz

Upper Band Edge: From 5725 MHz to 5727 MHz

Band U-NII-2C – mode 802.11a – Bandwidth: 20 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5500	102.10	Peak	5459.36 (2)	-41.00	61.10	74.00	12.90
5500	102.10	Average	5459.52 (2)	-58.80	43.30 (3)	54.00	10.70
5500	102.10	Peak	5469.92	-37.10	65.00	68.20 (Note)	3.20

(1) Marker-Delta method

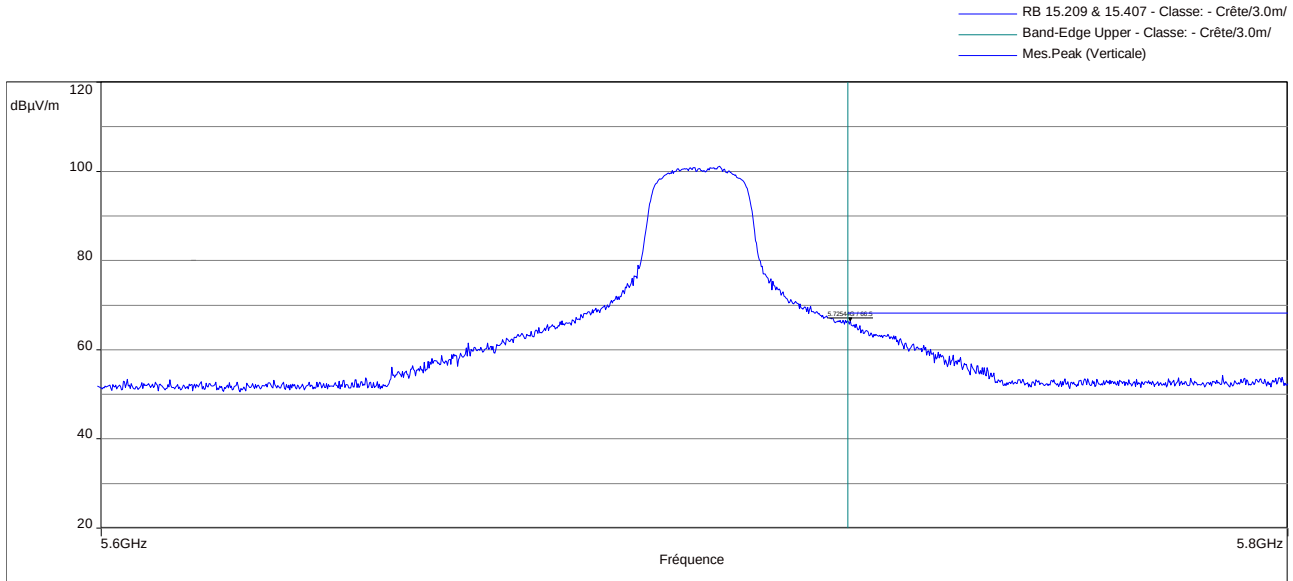
(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5700	101.09	Peak	5725.44	-34.59	66.50	68.20 (Note)	1.70

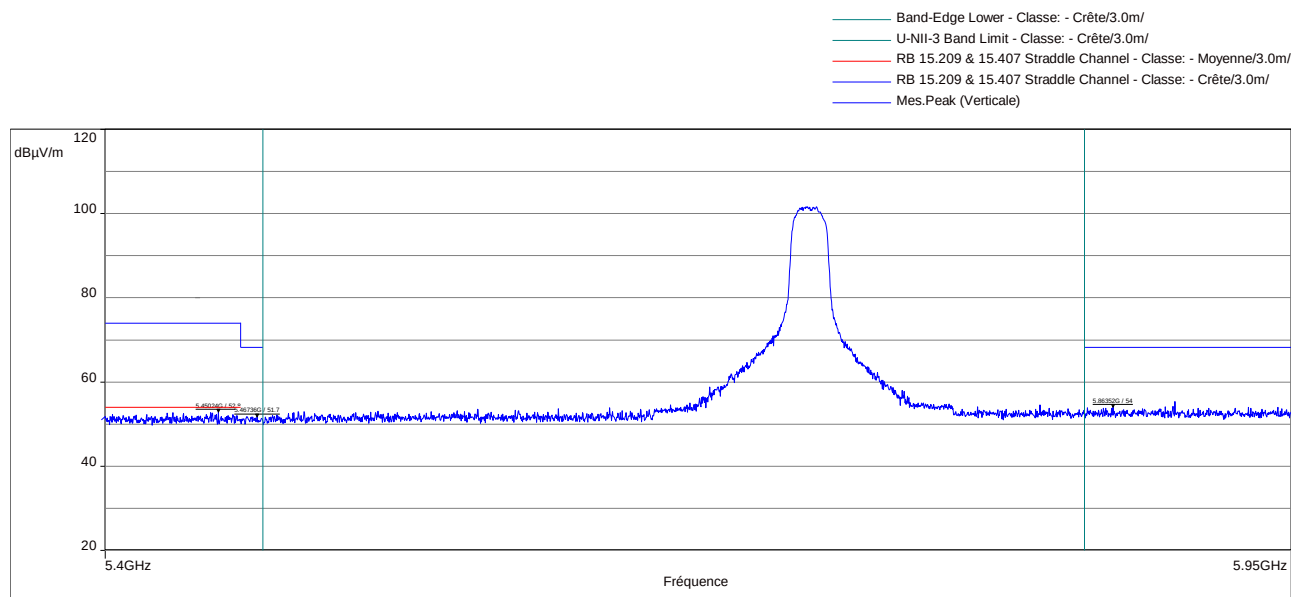
(1) Marker-Delta method

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm

Band U-NII-2C/U-NII-3 (Straddle Channel) – mode 802.11a – Bandwidth: 20 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5720	101.63	Peak	5450.24 (2)	-48.83	52.80 (3)	74.00	21.20
5720	101.63	Peak	5467.36	-49.93	51.70	68.20 (Note)	16.50
5720	101.63	Peak	5863.52	-47.63	54.00	68.20 (Note)	14.20

(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

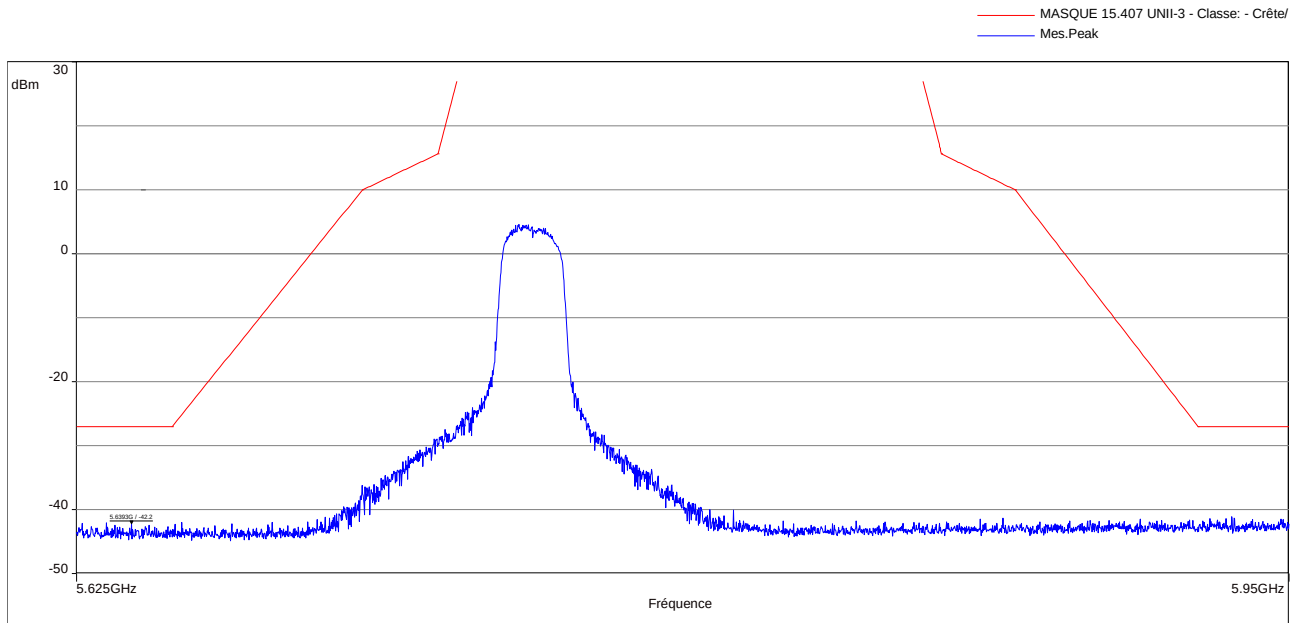
(3) The peak level is lower than the average limit.

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm

Band U-NII-3 – mode 802.11a – Bandwidth: 20 MHz

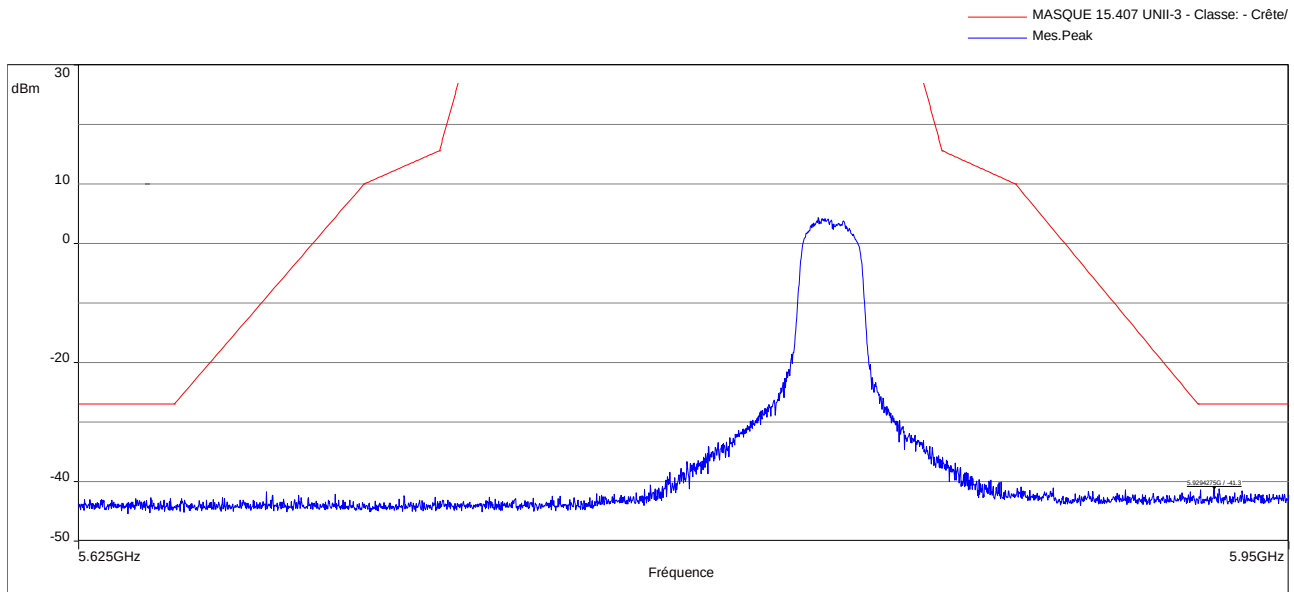
Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBm)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level EIRP (dBm/MHz) (2)	Limit EIRP (dBm/MHz)	Margin (dB)
5745	4.58	Peak	5639.30	-46.78	-42.20	-27.00	15.20

(1) Marker-Delta method

(2) According KDB 412172: $EIRP = (E \times d)^2 / 30$



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBm)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level EIRP (dBm/MHz) (2)	Limit EIRP (dBm/MHz)	Margin (dB)
5825	4.31	Peak	5929.42	-45.61	-41.30	-27.00	14.30

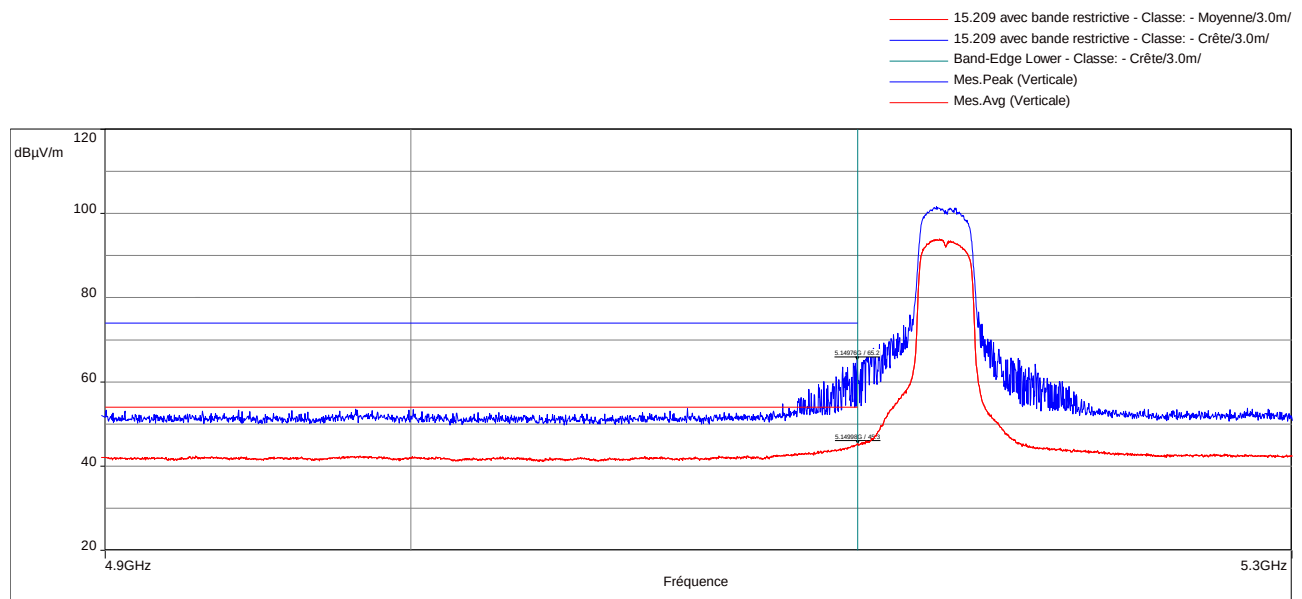
(1) Marker-Delta method

(2) According KDB 412172: $EIRP = (E \times d)^2 / 30$

Lower Band Edge: From 5148 MHz to 5150 MHz
Upper Band Edge: From 5350 MHz to 5352 MHz

Band U-NII-1 – mode 802.11n – Bandwidth: 20 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5180	101.64	Peak	5149.76 (2)	-36.44	65.20	74.00	8.80
5180	101.64	Average	5149.98 (2)	-56.34	45.30 (3)	54.00	8.70

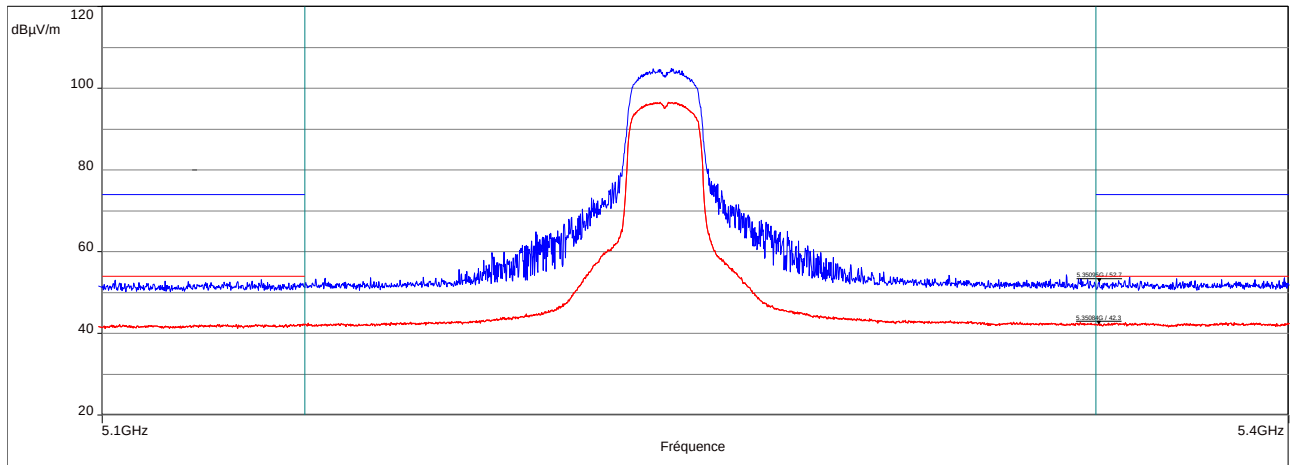
(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

15.209 avec bande restrictive - Classe: - Moyenne/3.0m/
 15.209 avec bande restrictive - Classe: - Crête/3.0m/
 Band-Edge Lower - Classe: - Crête/3.0m/
 Band-Edge Upper - Classe: - Crête/3.0m/
 Mes.Peak (Verticale)
 Mes.Avg (Verticale)



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5240	104.80	Peak	5350.95 (2)	-52.10	52.70	74.00	21.30
5240	104.80	Average	5350.84 (2)	-62.50	42.30 (3)	54.00	11.70

(1) Marker-Delta method

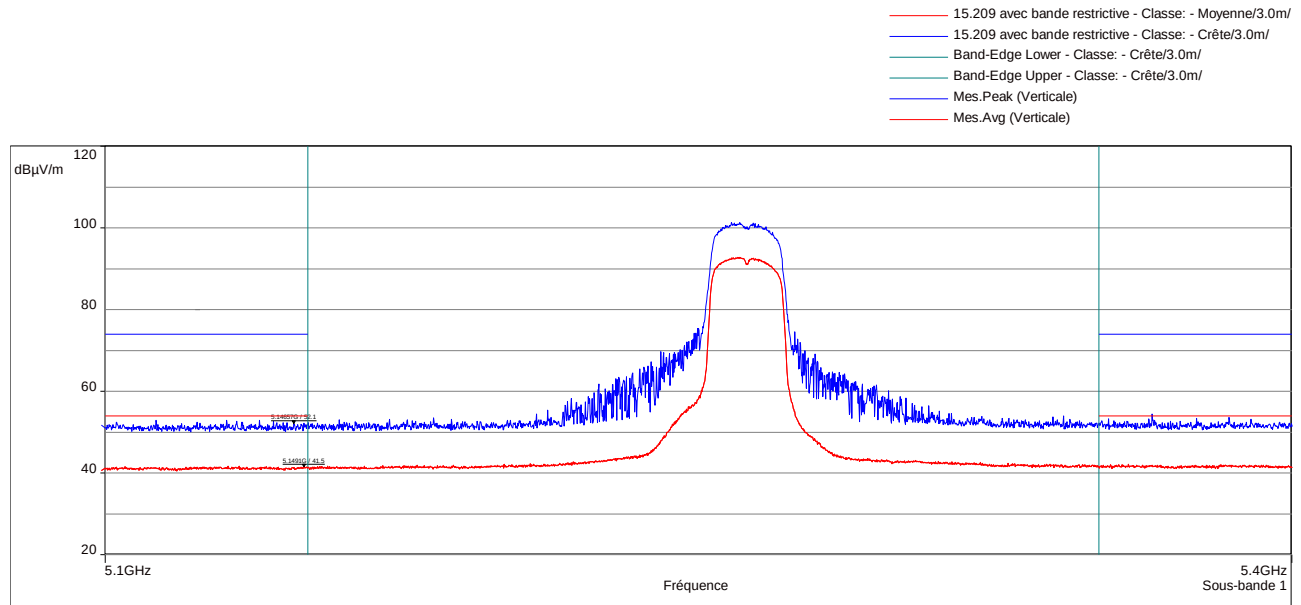
(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

Band U-NII-2A – mode 802.11n – Bandwidth: 20 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5260	101.30	Peak	5146.57 (2)	-49.20	52.10	74.00	21.90
5260	101.30	Average	5149.10 (2)	-59.80	41.50 (3)	54.00	12.50

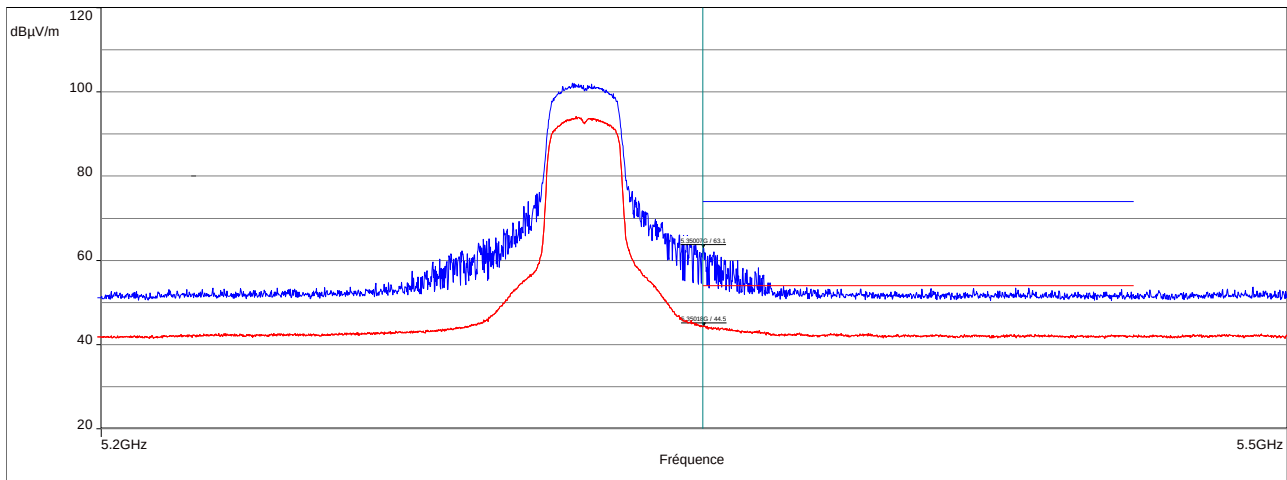
(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

15.209 avec bande restrictive - Classe: - Moyenne/3.0m/
 15.209 avec bande restrictive - Classe: - Crête/3.0m/
 Band-Edge Upper - Classe: - Crête/3.0m/
 Mes.Peak (Verticale)
 Mes.Avg (Verticale)



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5320	101.97	Peak	5350.07 (2)	-38.87	63.10	74.00	10.90
5320	101.97	Average	5350.18 (2)	-57.47	44.50 (3)	54.00	9.50

(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

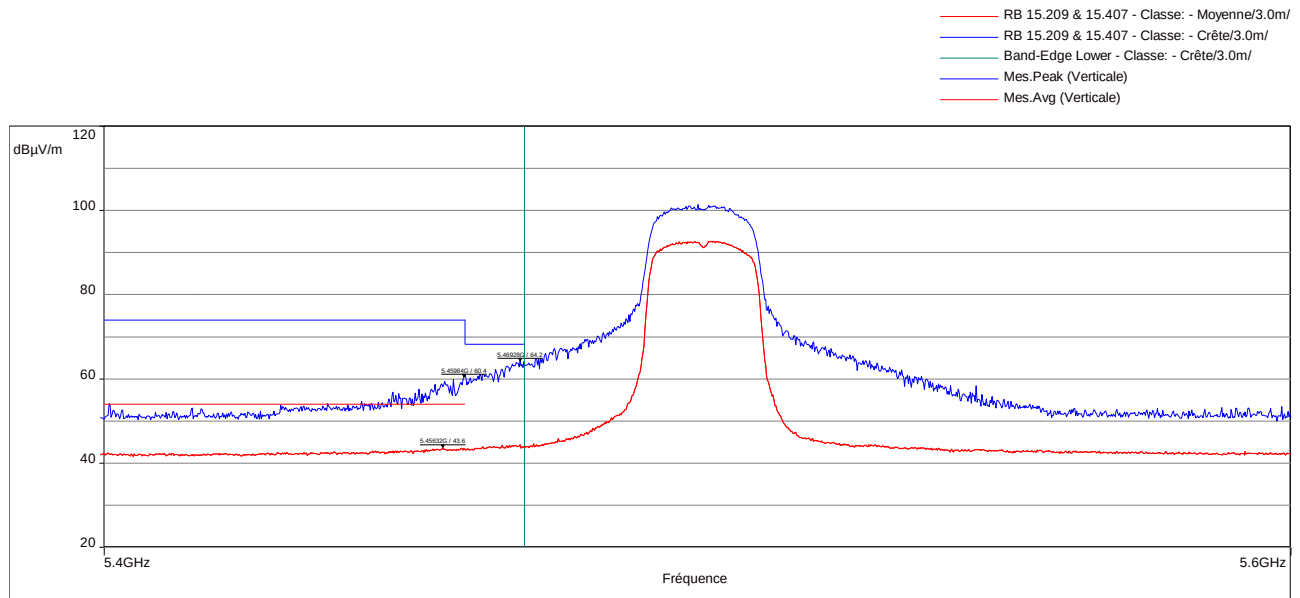
(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

Lower Band Edge: From 5468 MHz to 5470 MHz
Upper Band Edge: From 5725 MHz to 5727 MHz

Band U-NII-2C – mode 802.11n – Bandwidth: 20 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5500	101.42	Peak	5459.84 (2)	-41.02	60.40	74.00	13.60
5500	101.42	Average	5456.32 (2)	-57.82	43.60	54.00	10.40
5500	101.42	Peak	5469.28	37.22	64.20	68.20 (Note)	4.00

(1) Marker-Delta method

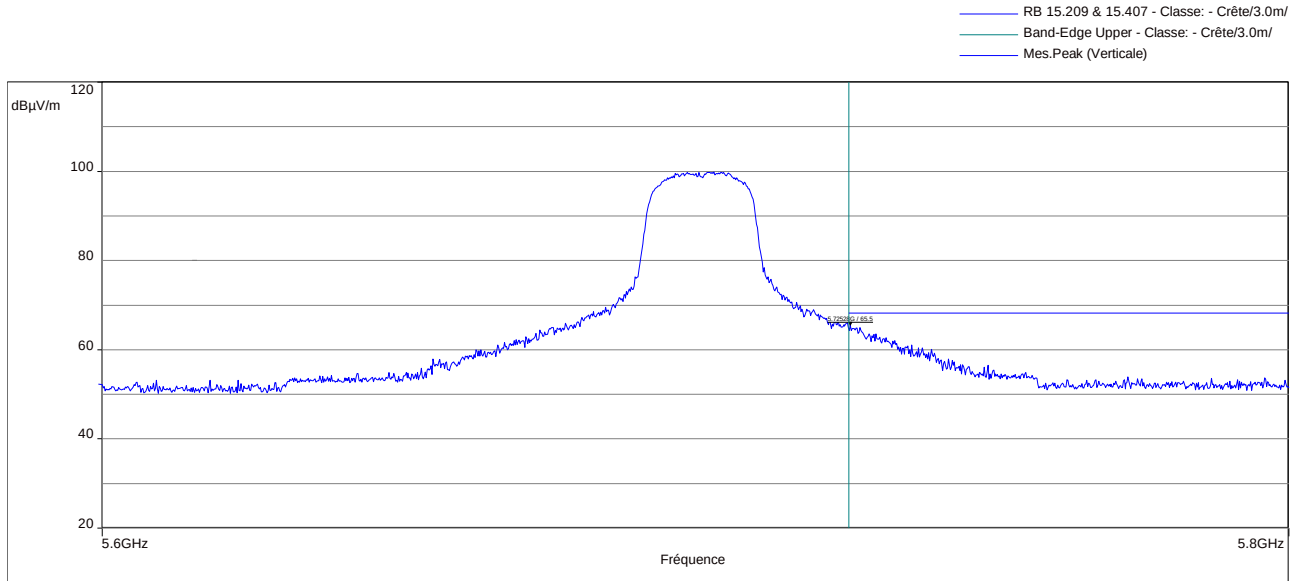
(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5700	99.86	Peak	5725.28	-34.36	65.50	68.20 (Note)	2.70

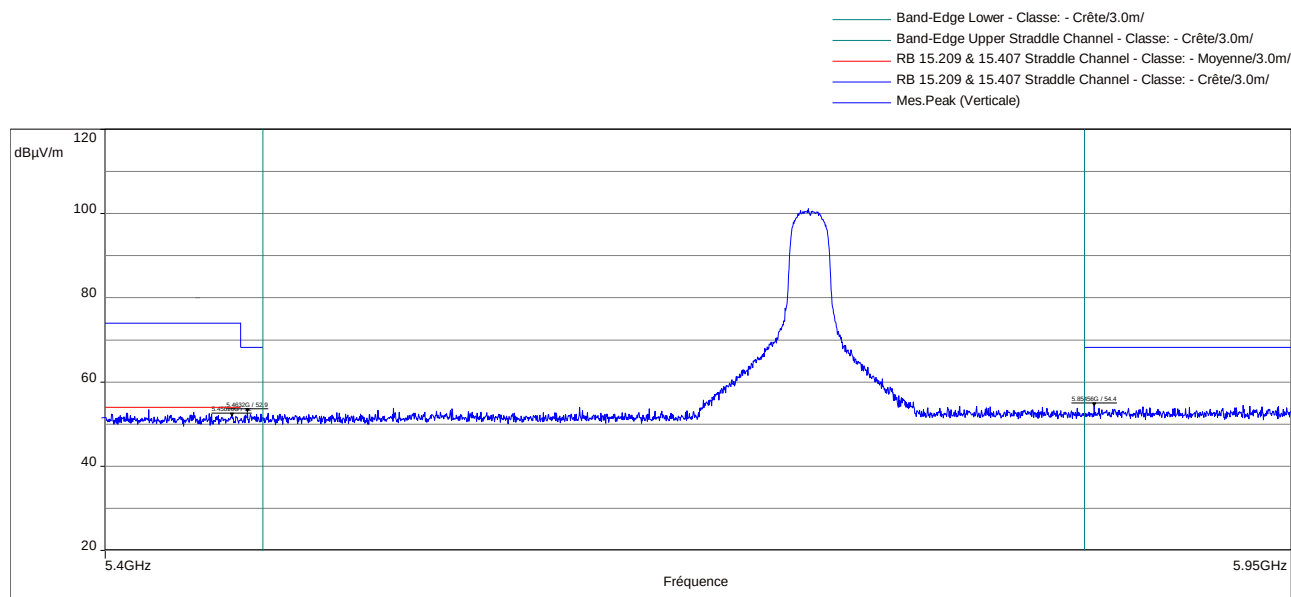
(1) Marker-Delta method

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm

Band U-NII-2C/U-NII-3 (Straddle Channel) – mode 802.11n – Bandwidth: 20 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5720	101.17	Peak	5456.16 (2)	-49.17	52.00 (3)	74.00	22.00
5720	101.17	Peak	5463.20	-48.27	52.90	68.20 (Note)	15.30
5720	101.17	Peak	5854.56	-46.77	54.40	68.20 (Note)	13.80

(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

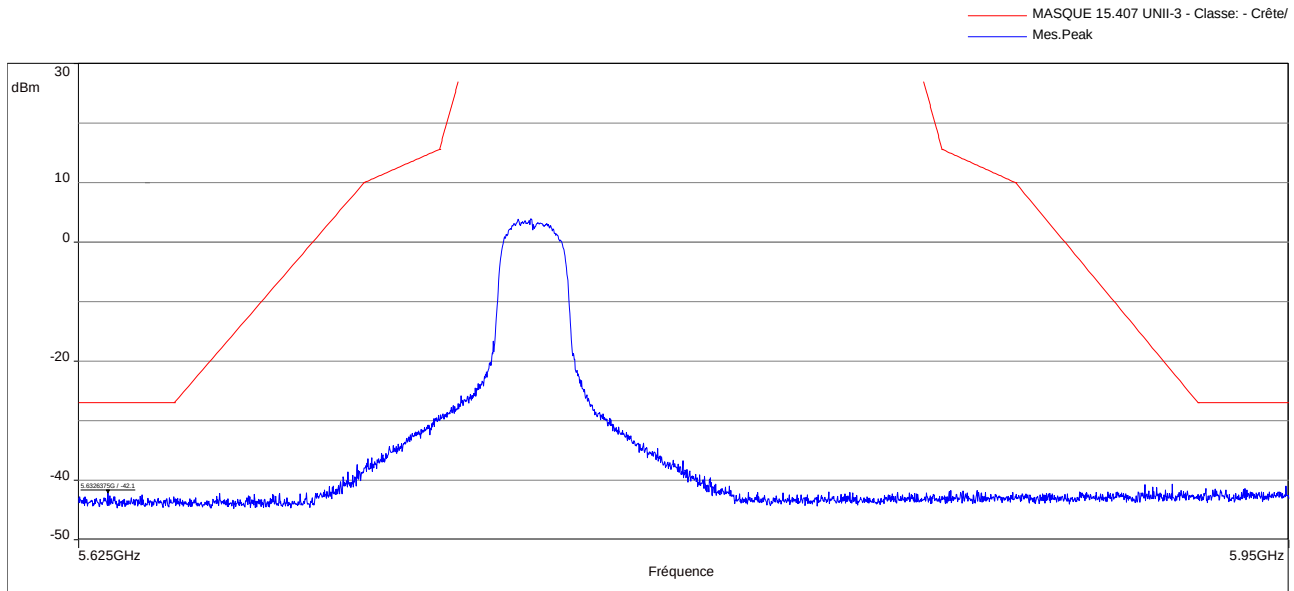
(3) The peak level is lower than the average limit.

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm

Band U-NII-3 – mode 802.11n – Bandwidth: 20 MHz

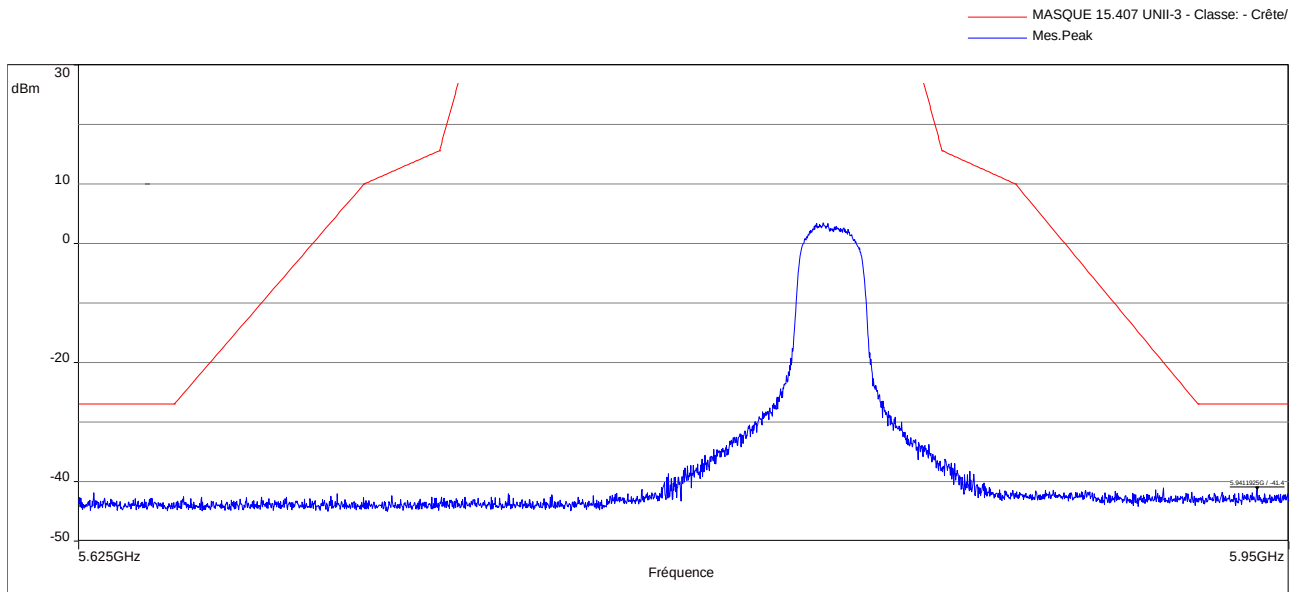
Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBm)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level EIRP (dBm/MHz) (2)	Limit EIRP (dBm/MHz)	Margin (dB)
5745	3.94	Peak	5632.63	-46.04	-42.10	-27.00	15.10

(1) Marker-Delta method

(2) According KDB 412172: $EIRP = (E \times d)^2 / 30$



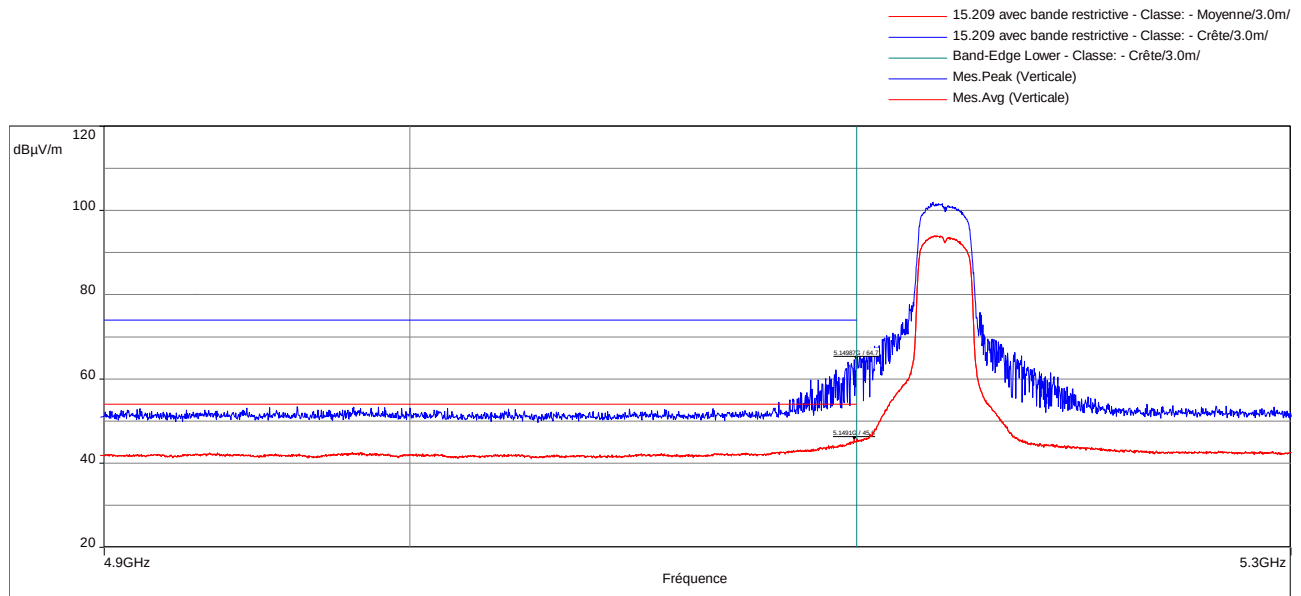
(1) Marker-Delta method

(2) According KDB 412172: $EIRP = (E \times d)^2 / 30$

Lower Band Edge: From 5148 MHz to 5150 MHz
Upper Band Edge: From 5350 MHz to 5352 MHz

Band U-NII-1 – mode 802.11ac – Bandwidth: 20 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5180	101.82	Peak	5149.87 (2)	-37.12	64.70	74.00	9.30
5180	101.82	Average	5149.10 (2)	-56.22	45.60 (3)	54.00	8.40

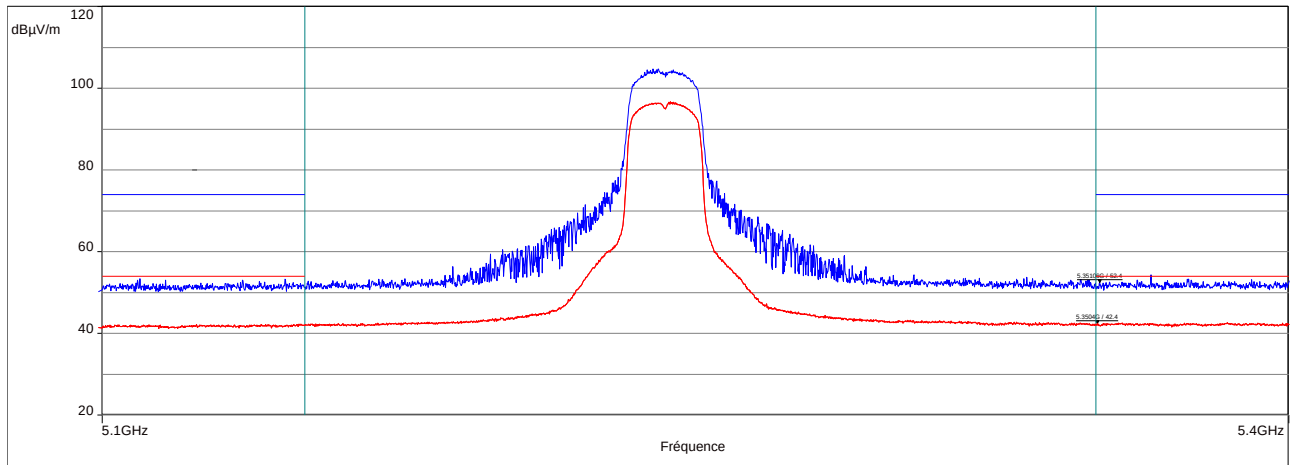
(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

15.209 avec bande restrictive - Classe: - Moyenne/3.0m/
 15.209 avec bande restrictive - Classe: - Crête/3.0m/
 Band-Edge Lower - Classe: - Crête/3.0m/
 Band-Edge Upper - Classe: - Crête/3.0m/
 Mes.Peak (Verticale)
 Mes.Avg (Verticale)



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5240	104.71	Peak	5351.06 (2)	-52.31	52.40	74.00	21.60
5240	104.71	Average	5350.40 (2)	-62.31	42.40 (3)	54.00	11.60

(1) Marker-Delta method

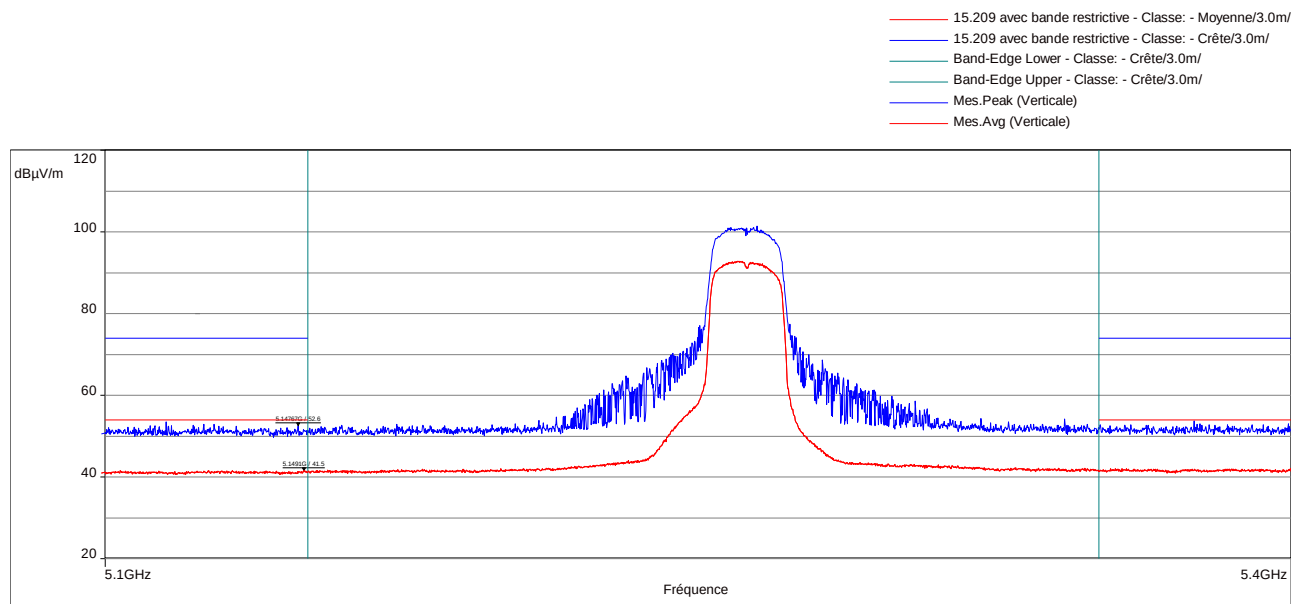
(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

Band U-NII-2A – mode 802.11ac – Bandwidth: 20 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5260	101.46	Peak	5147.67 (2)	-48.86	52.60	74.00	21.40
5260	101.46	Average	5149.10 (2)	-59.96	41.50 (3)	54.00	12.50

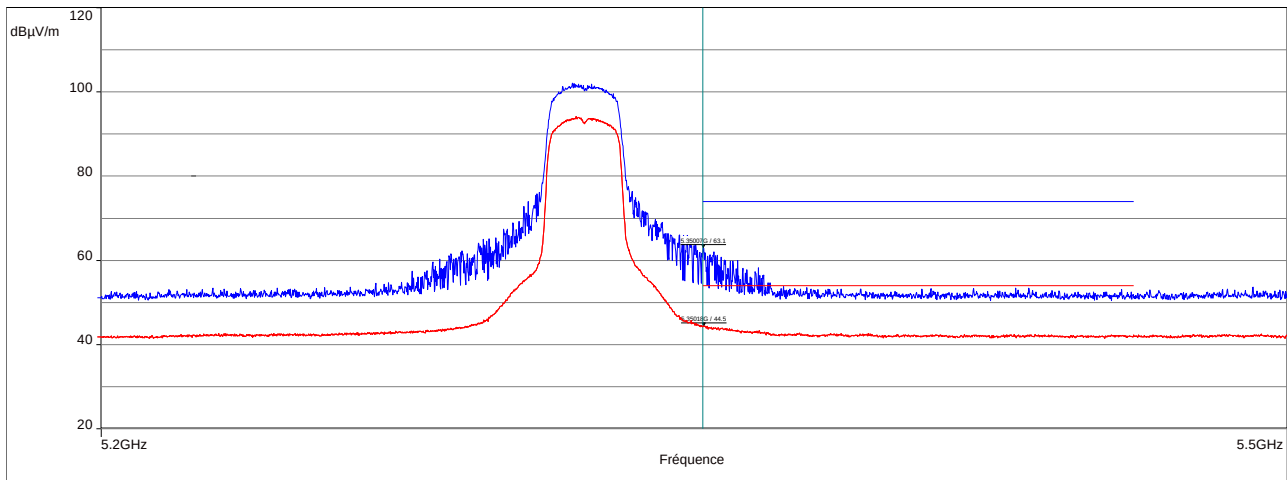
(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

15.209 avec bande restrictive - Classe: - Moyenne/3.0m/
 15.209 avec bande restrictive - Classe: - Crête/3.0m/
 Band-Edge Upper - Classe: - Crête/3.0m/
 Mes.Peak (Verticale)
 Mes.Avg (Verticale)



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5320	101.97	Peak	5351.94 (2)	39.17	62.80	74.00	11.20
5320	101.97	Average	5350.29 (2)	57.67	44.30 (3)	54.00	9.70

(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

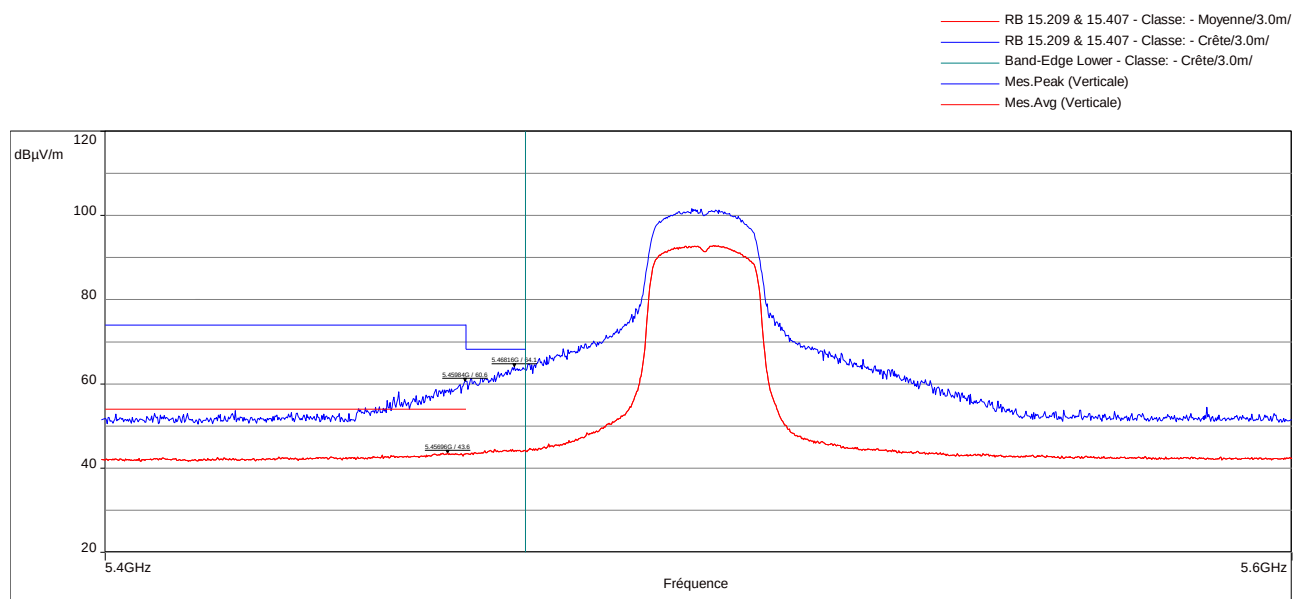
(3) Duty-Factor included

Lower Band Edge: From 5468 MHz to 5470 MHz

Upper Band Edge: From 5725 MHz to 5727 MHz

Band U-NII-2C – mode 802.11ac – Bandwidth: 20 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5500	101.59	Peak	5459.84 (2)	-40.99	60.60	74.00	13.40
5500	101.59	Average	5456.96 (2)	-57.99	43.60 (3)	54.00	10.40
5500	101.59	Peak	5468.16	-37.49	64.10	68.20 (Note)	4.10

(1) Marker-Delta method

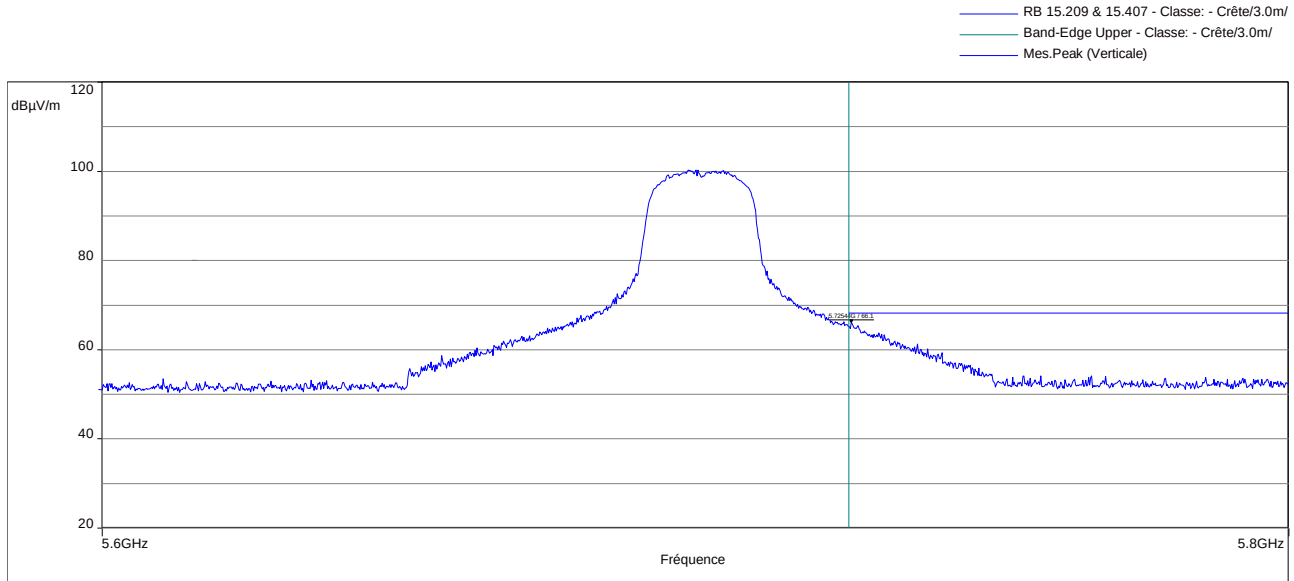
(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5700	100.29	Peak	5725.44	-34.19	66.10	68.20 (Note)	2.10

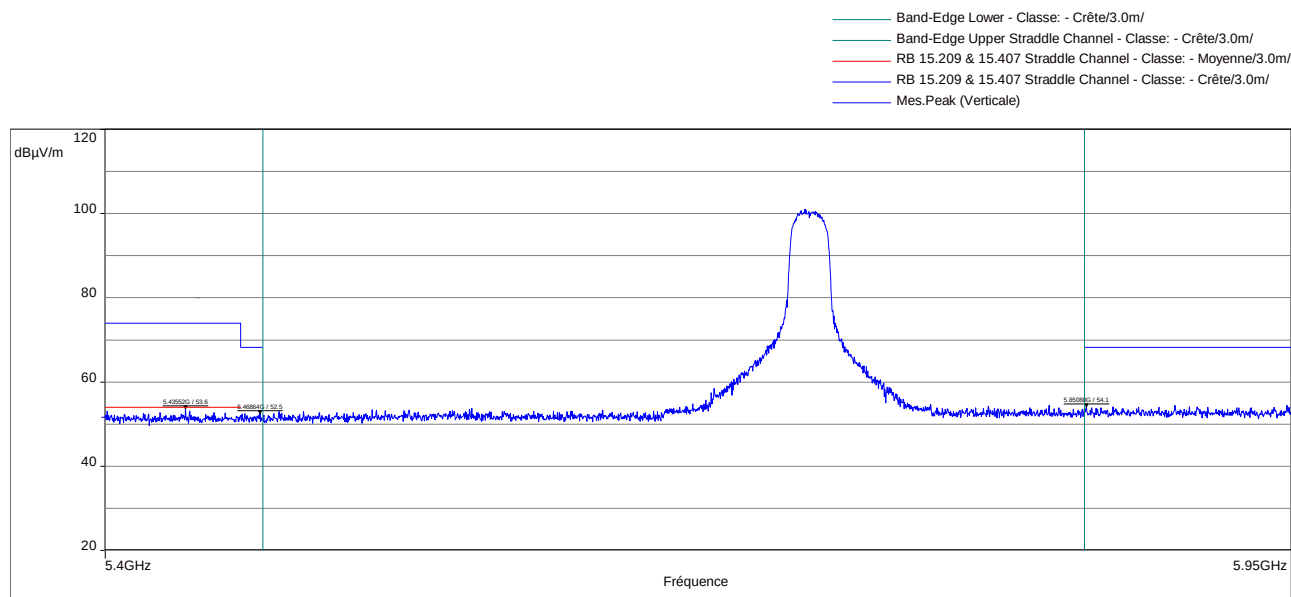
(1) Marker-Delta method

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm

Band U-NII-2C/U-NII-3 (Straddle Channel) – mode 802.11ac – Bandwidth: 20 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5720	101.10	Peak	5435.52 (2)	47.50	53.60 (3)	74.00	20.40
5720	101.10	Peak	5468.64	48.60	52.50	68.20 (Note)	15.70
5720	101.10	Peak	5850.88	47.00	54.10	68.20 (Note)	14.10

(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

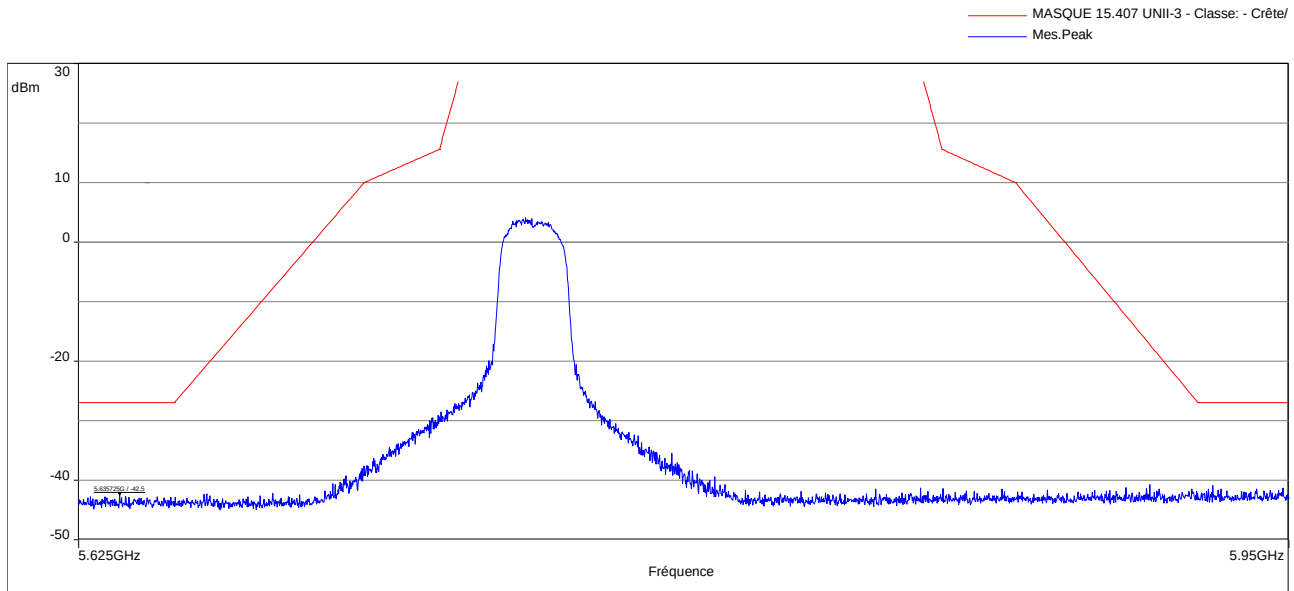
(3) The peak level is lower than the average limit.

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm

Band U-NII-3 – mode 802.11ac – Bandwidth: 20 MHz

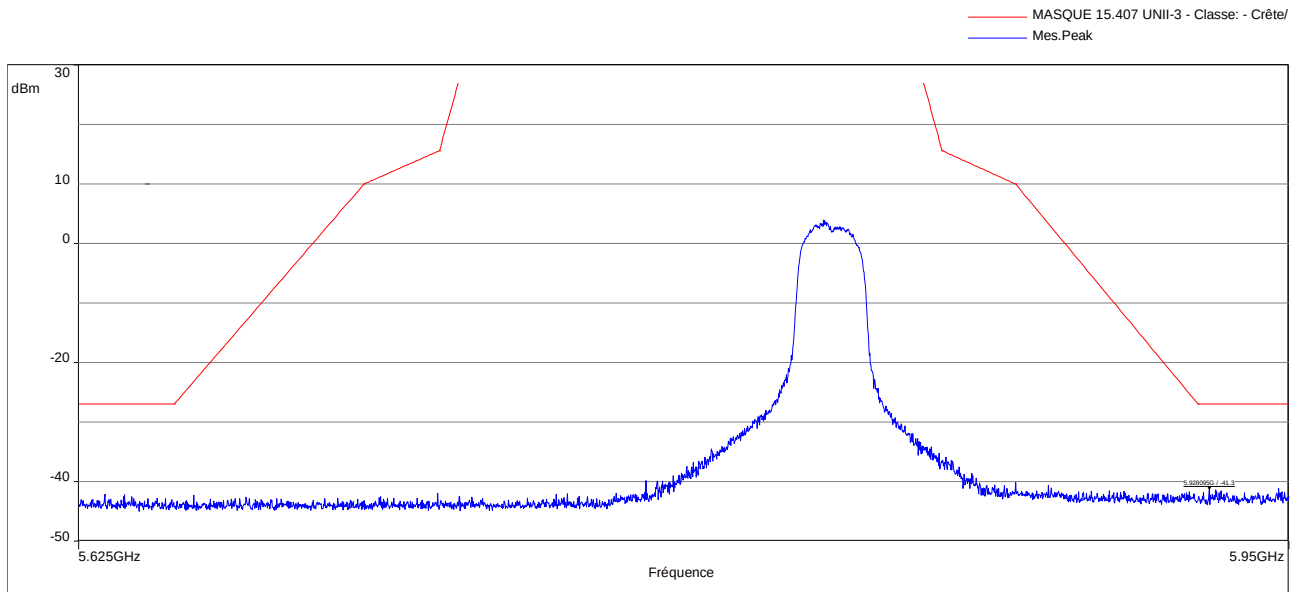
Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBm)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level EIRP (dBm/MHz) (2)	Limit EIRP (dBm/MHz)	Margin (dB)
5745	4.12	Peak	5635.57	-46.62	-42.50	-27.00	15.50

(1) Marker-Delta method

(2) According KDB 412172: $EIRP = (E \times d)^2 / 30$



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBm)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level EIRP (dBm/MHz) (2)	Limit EIRP (dBm/MHz)	Margin (dB)
5825	3.92	Peak	5928.09	-45.22	-41.30	-27.00	14.30

(1) Marker-Delta method

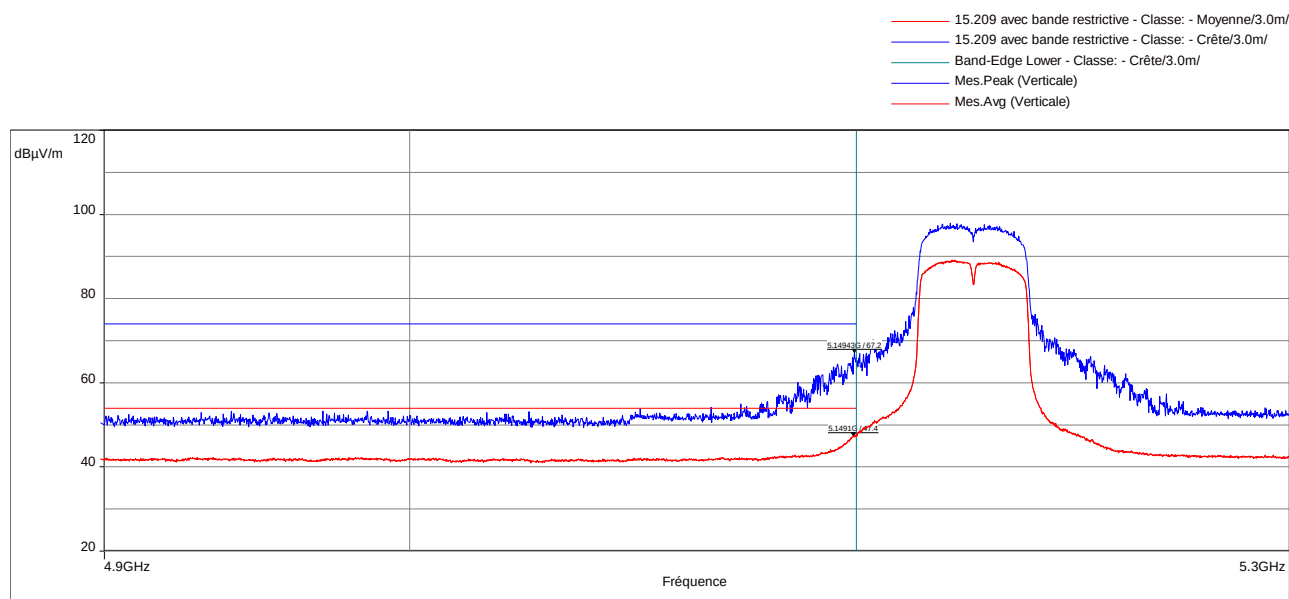
(2) According KDB 412172: $EIRP = (E \times d)^2 / 30$

Lower Band Edge: From 5148 MHz to 5150 MHz

Upper Band Edge: From 5350 MHz to 5352 MHz

Band U-NII-1 – mode 802.11n – Bandwidth: 40 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5190	97.36	Peak	5149.43 (2)	-30.16	67.20	74.00	6.80
5190	97.36	Average	5149.10 (2)	-49.96	47.40 (3)	54.00	6.60

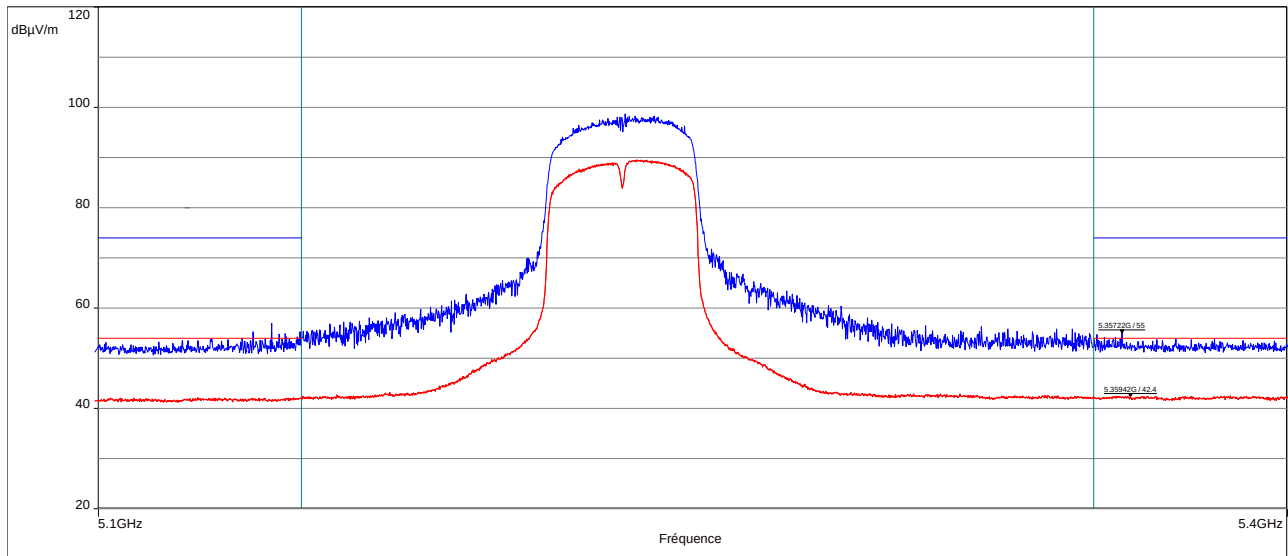
(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

15.209 avec bande restrictive - Classe: - Moyenne/3.0m/
 15.209 avec bande restrictive - Classe: - Crête/3.0m/
 Band-Edge Lower - Classe: - Crête/3.0m/
 Band-Edge Upper - Classe: - Crête/3.0m/
 Mes.Peak (Verticale)
 Mes.Avg (Verticale)

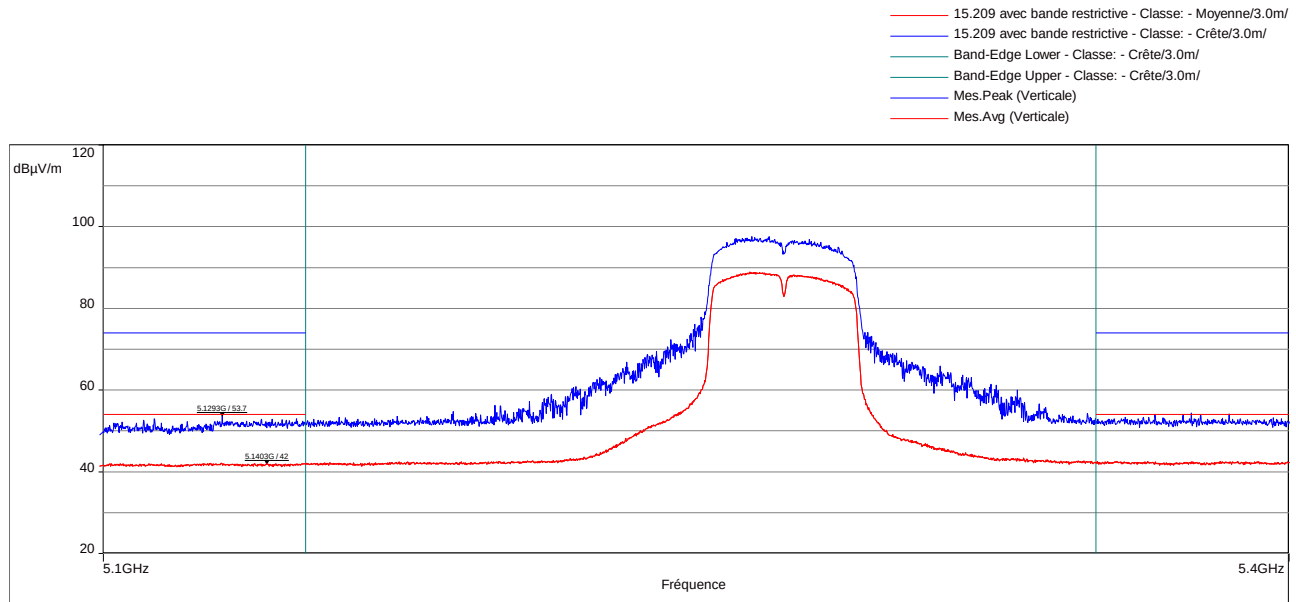


Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5230	98.75	Peak	5357.22 (2)	-43.75	55.00	74.00	19.00
5230	98.75	Average	5359.42 (2)	-56.35	42.40 (3)	54.00	11.60

- (1) Marker-Delta method
- (2) Restricted bands of operation in 15.205
- (2) Restricted bands of operation as defined in Table 6 of RSS-Gen
- (3) Duty-Factor included

Band U-NII-2A – mode 802.11n – Bandwidth: 40 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5270	97.57	Peak	5129.30 (2)	-43.87	53.70	74.00	20.30
5270	97.57	Average	5140.30 (2)	-55.57	42.00 (3)	54.00	12.00

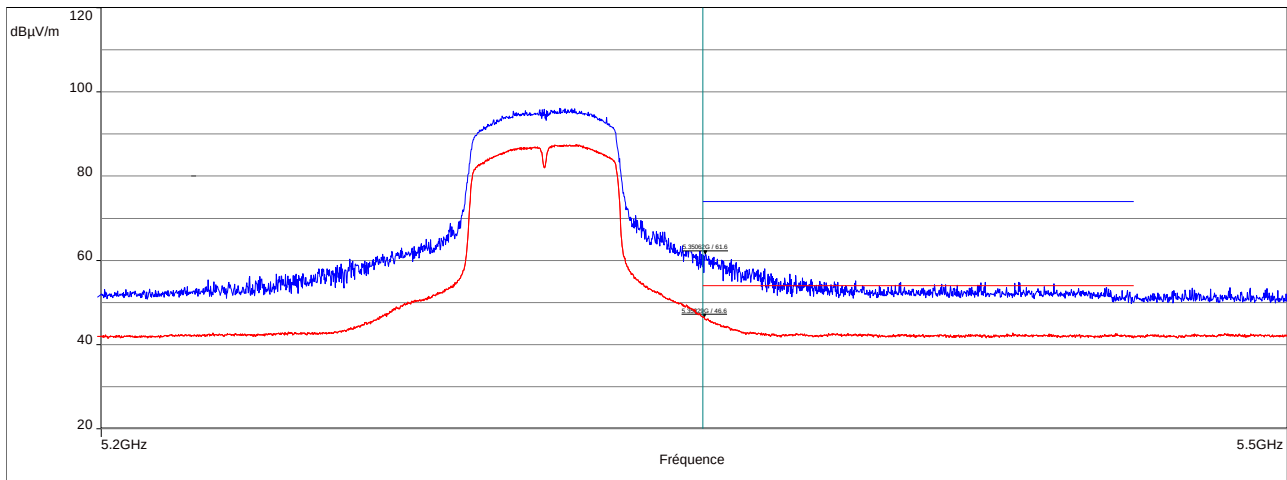
(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

15.209 avec bande restrictive - Classe: - Moyenne/3.0m/
 15.209 avec bande restrictive - Classe: - Crête/3.0m/
 Band-Edge Upper - Classe: - Crête/3.0m/
 Mes.Peak (Verticale)
 Mes.Avg (Verticale)



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5310	96.01	Peak	5350.62 (2)	34.41	61.60	74.00	12.40
5310	96.01	Average	5350.29 (2)	49.41	46.60 (3)	54.00	7.40

(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

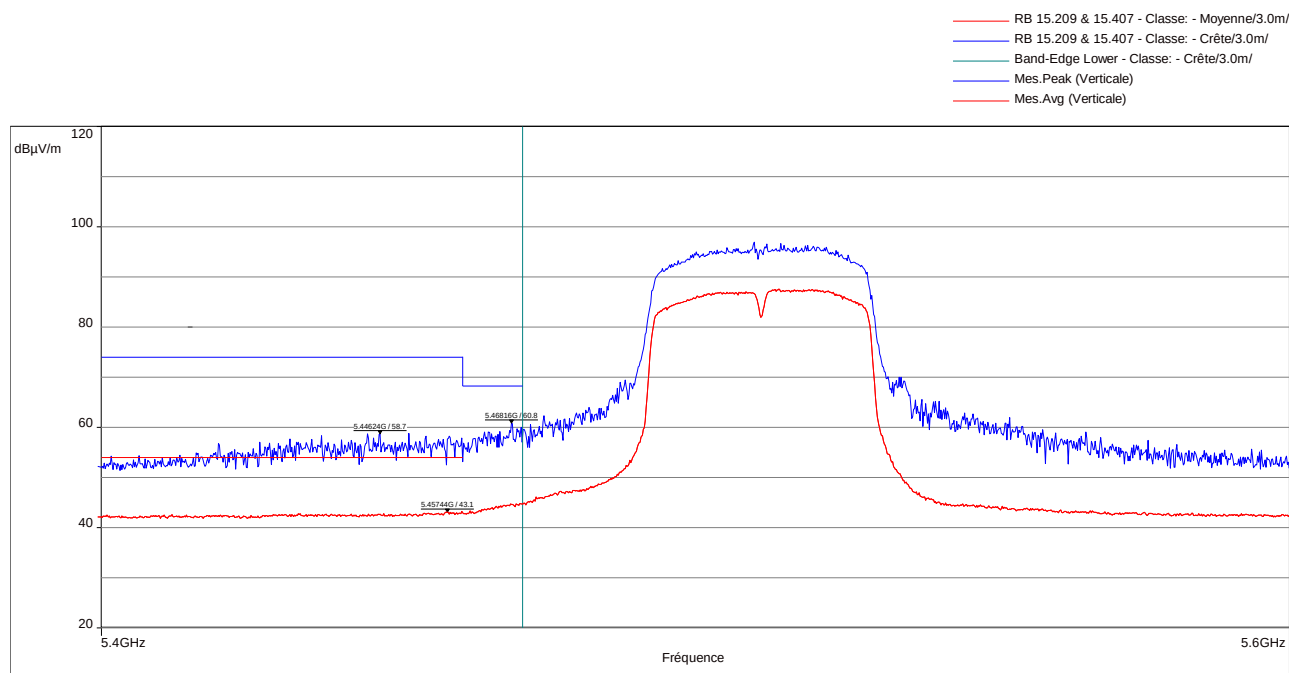
(3) Duty-Factor included

Lower Band Edge: From 5468 MHz to 5470 MHz

Upper Band Edge: From 5725 MHz to 5727 MHz

Band U-NII-2C – mode 802.11n – Bandwidth: 40 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5510	96.95	Peak	5446.24 (2)	-38.25	58.70	74.00	15.30
5510	96.95	Average	5457.44 (2)	-53.85	43.10 (3)	54.00	10.90
5510	96.95	Peak	5468.16	-36.15	60.80	68.20 (Note)	7.40

(1) Marker-Delta method

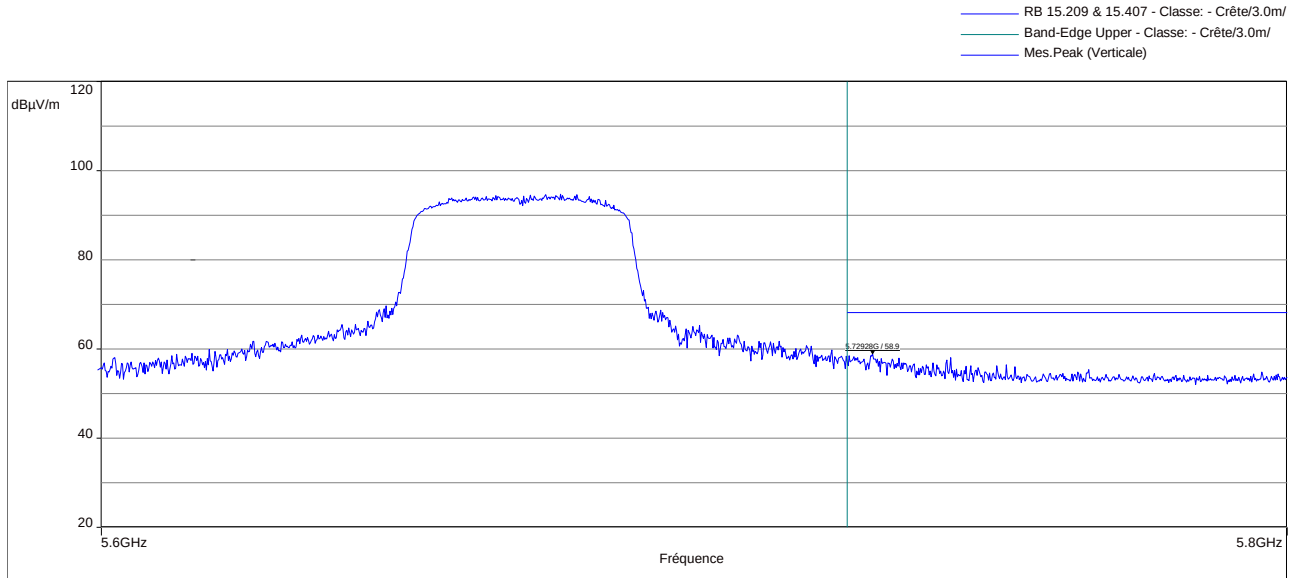
(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5670	94.76	Peak	5729.28	-35.86	58.90	68.20 (Note)	9.30

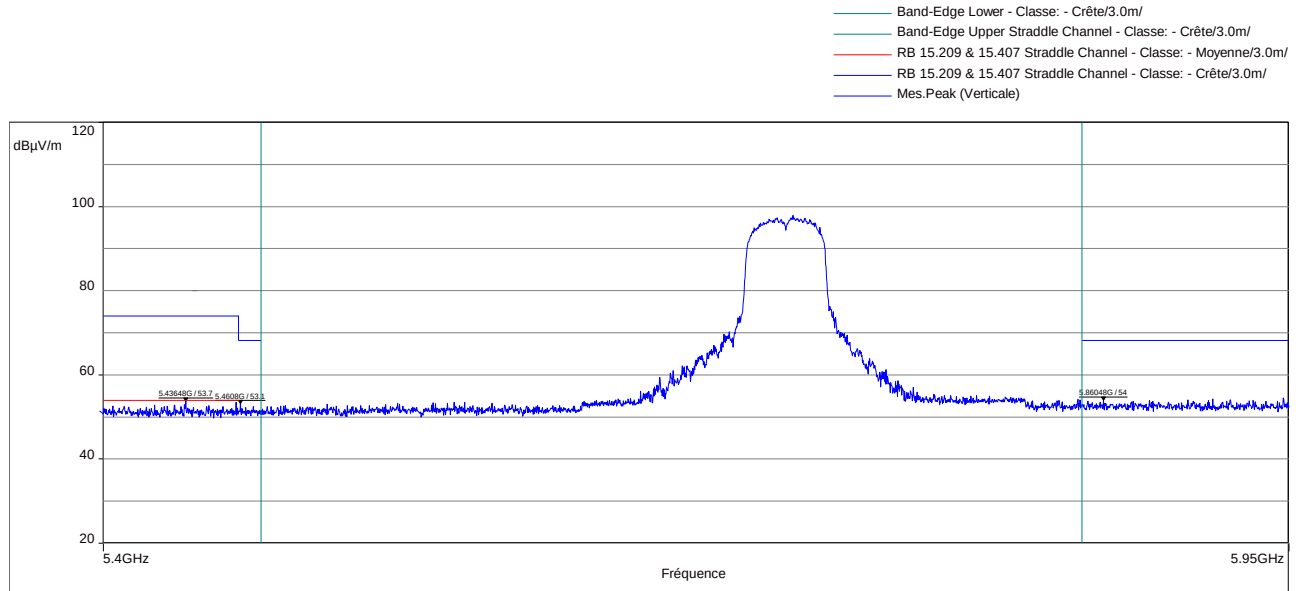
(1) Marker-Delta method

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm

Band U-NII-2C/U-NII-3 (Straddle Channel) – mode 802.11n – Bandwidth: 40 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5710	97.88	Peak	5436.48 (2)	-44.18	53.70 (3)	74.00	20.30
5710	97.88	Peak	5460.80	-44.78	53.10	68.20 (Note)	15.10
5710	97.88	Peak	5860.48	-43.88	54.00	68.20 (Note)	14.20

(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

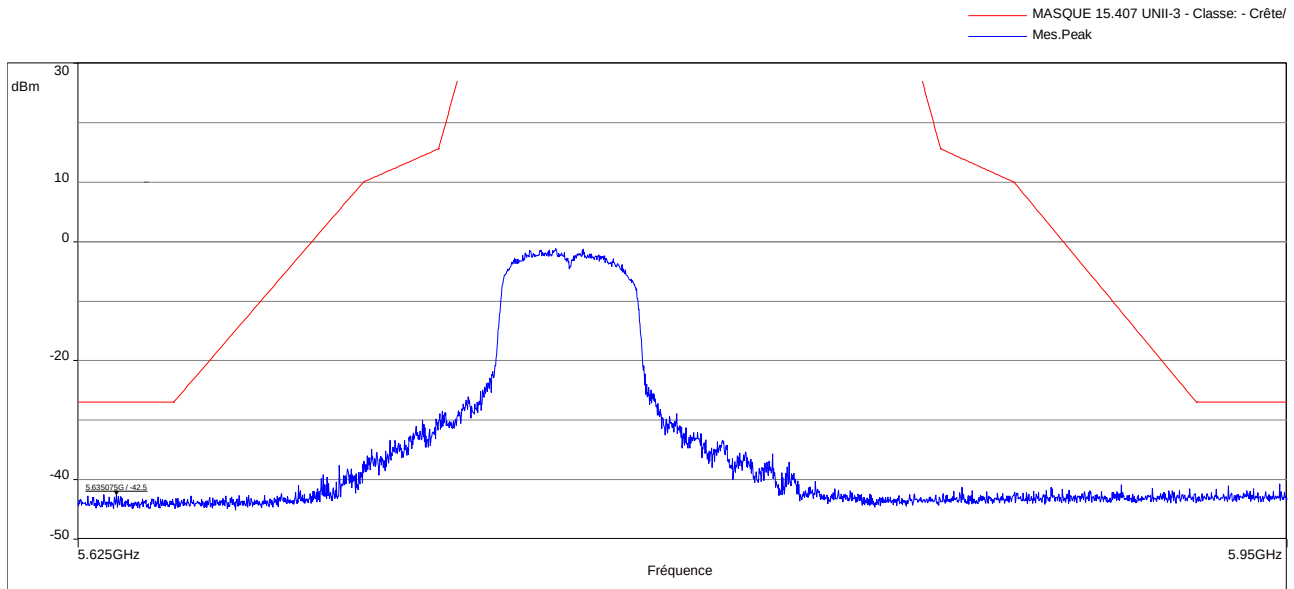
(3) The peak level is lower than the average limit.

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm

Band U-NII-3 – mode 802.11n – Bandwidth: 40 MHz

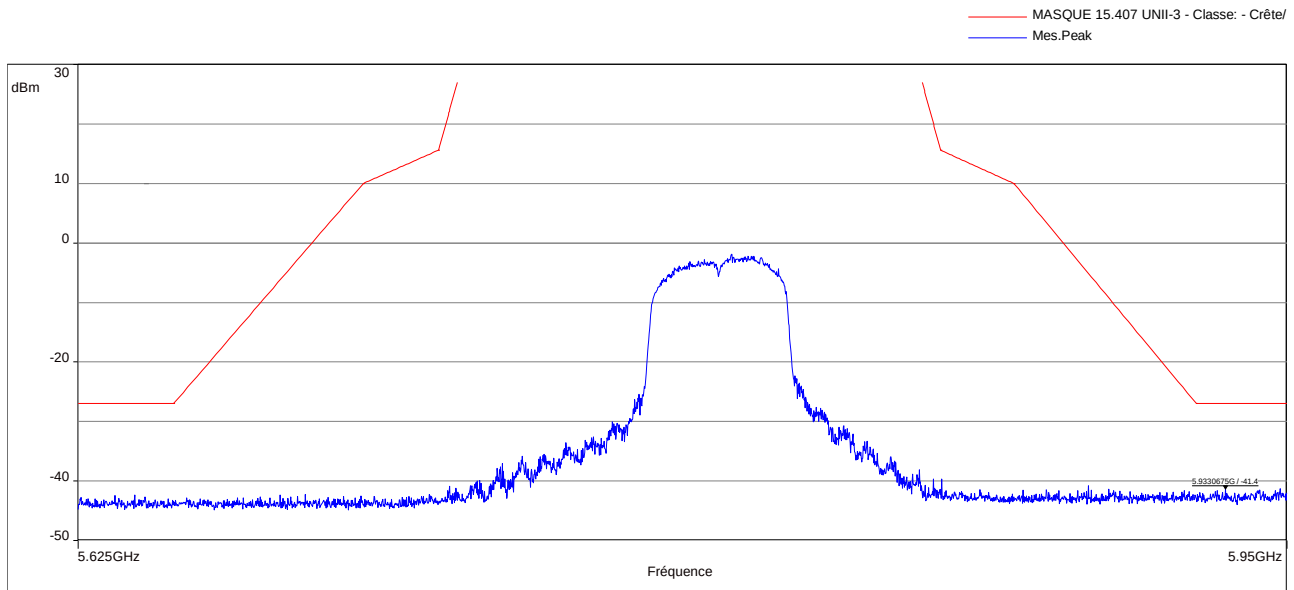
Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBm)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level EIRP (dBm/MHz) (2)	Limit EIRP (dBm/MHz)	Margin (dB)
5755	-1.19	Peak	5635.07	-41.31	-42.50	-27.00	15.50

(1) Marker-Delta method

(2) According KDB 412172: $EIRP = (E \times d)^2 / 30$



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBm)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level EIRP (dBm/MHz) (2)	Limit EIRP (dBm/MHz)	Margin (dB)
5795	-1.89	Peak	5933.06	-39.51	-41.40	-27.00	14.40

(1) Marker-Delta method

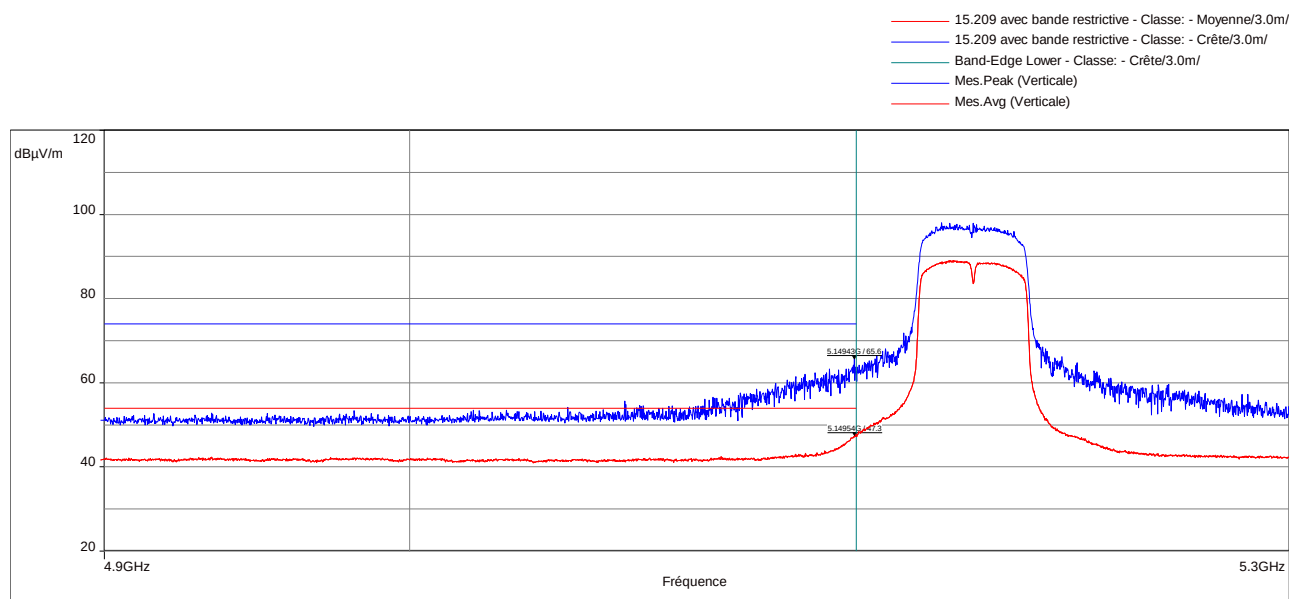
(2) According KDB 412172: $EIRP = (E \times d)^2 / 30$

Lower Band Edge: From 5148 MHz to 5150 MHz

Upper Band Edge: From 5350 MHz to 5352 MHz

Band U-NII-1 – mode 802.11ac – Bandwidth: 40 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5190	97.97	Peak	5149.43 (2)	32.37	65.60	74.00	8.40
5190	97.97	Average	5149.54 (2)	50.67	47.30 (3)	54.00	6.70

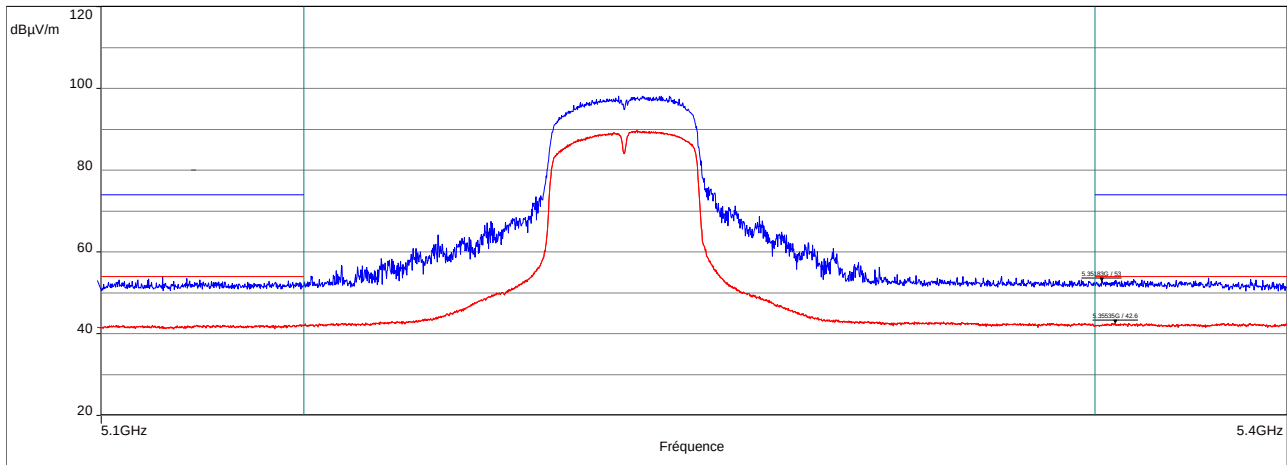
(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

15.209 avec bande restrictive - Classe: - Moyenne/3.0m/
 15.209 avec bande restrictive - Classe: - Crête/3.0m/
 Band-Edge Lower - Classe: - Crête/3.0m/
 Band-Edge Upper - Classe: - Crête/3.0m/
 Mes.Peak (Verticale)
 Mes.Avg (Verticale)



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5230	98.13	Peak	5351.83 (2)	45.13	53.00	74.00	21.00
5230	98.13	Average	5355.35 (2)	55.53	42.60 (3)	54.00	11.40

(1) Marker-Delta method

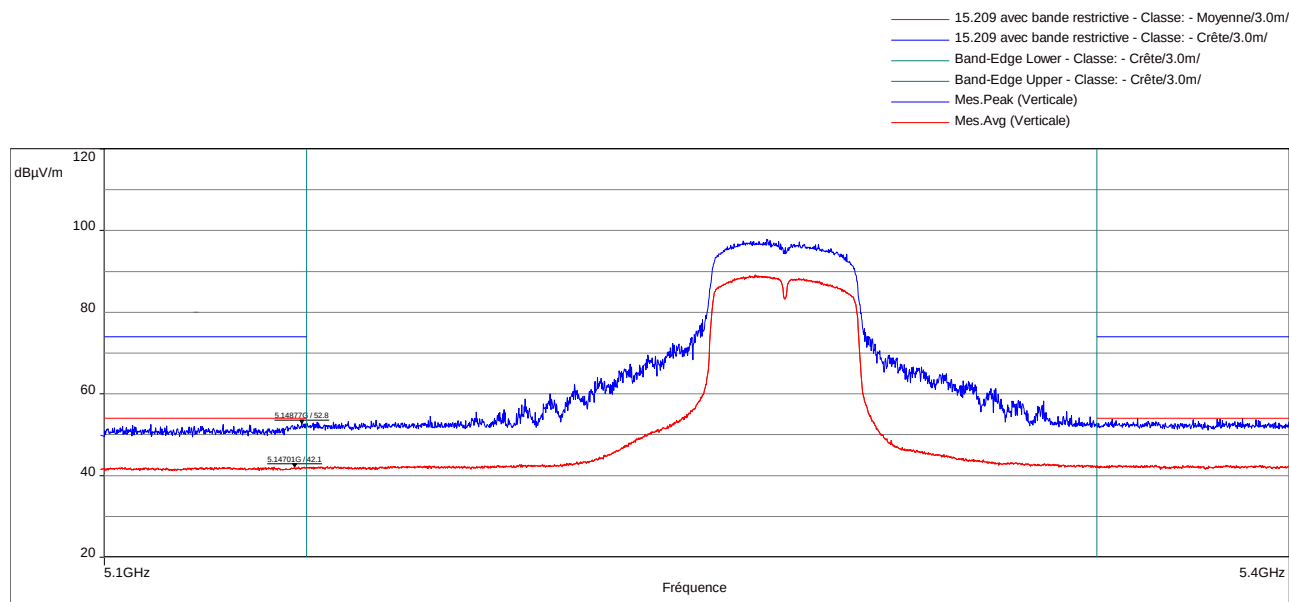
(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

Band U-NII-2A – mode 802.11ac – Bandwidth: 40 MHz

Sample N° 1:



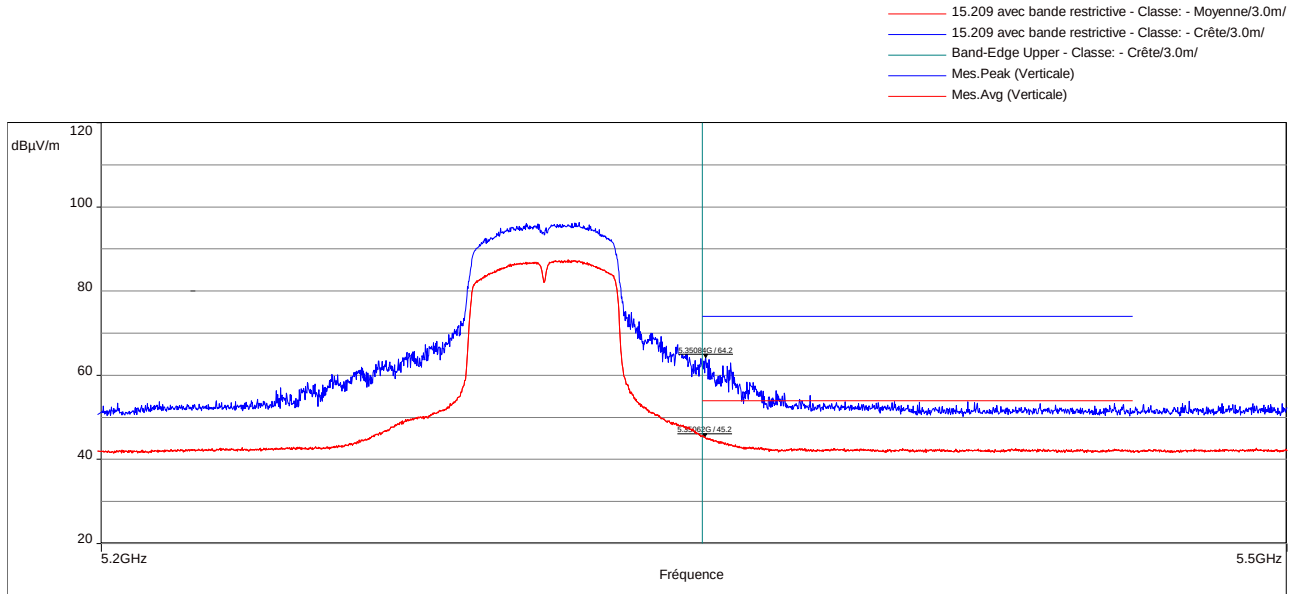
Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5270	97.79	Peak	5148.77 (2)	-44.99	52.80	74.00	21.20
5270	97.79	Average	5147.01 (2)	-55.69	42.10 (3)	54.00	11.90

(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5310	96.36	Peak	5350.84 (2)	-32.16	64.20	74.00	9.80
5310	96.36	Average	5350.62 (2)	-51.16	45.20 (3)	54.00	8.80

(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

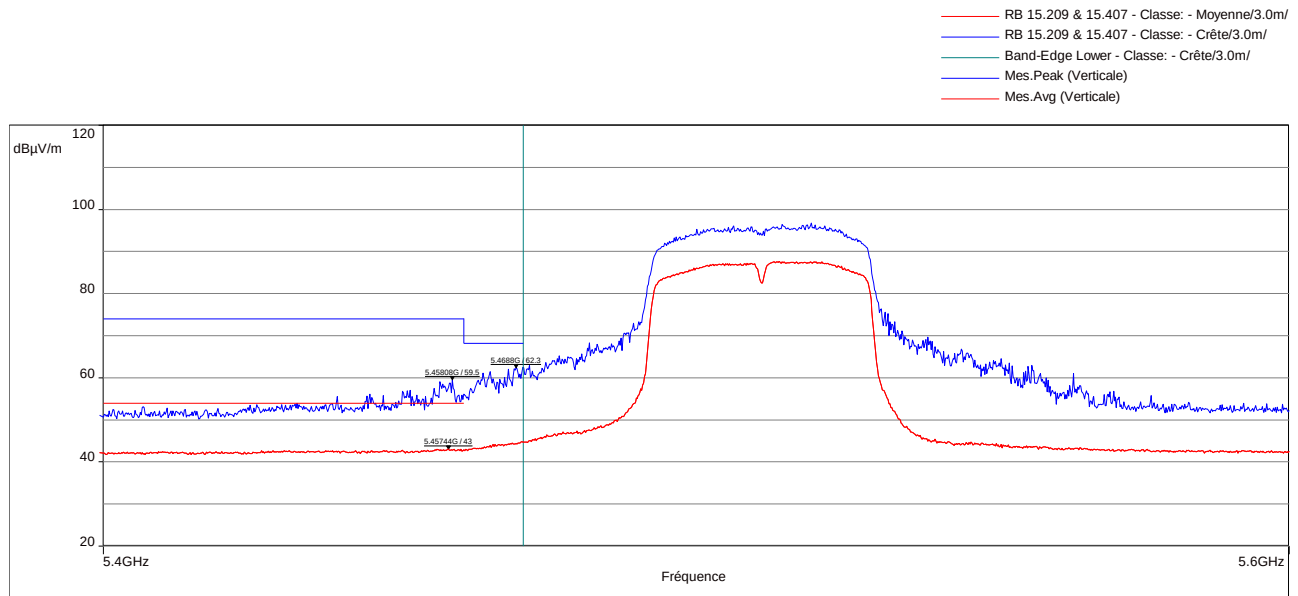
(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

Lower Band Edge: From 5468 MHz to 5470 MHz
Upper Band Edge: From 5725 MHz to 5727 MHz

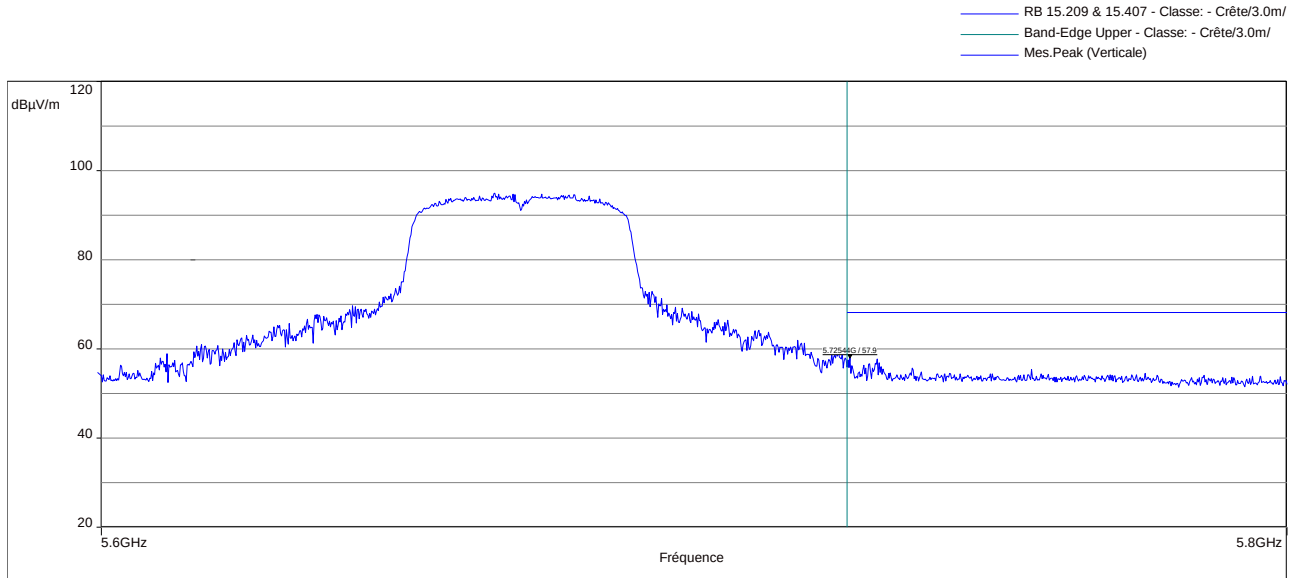
Band U-NII-2C – mode 802.11ac – Bandwidth: 40 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5510	96.81	Peak	5458.08 (2)	-37.31	59.50	74.00	14.50
5510	96.81	Average	5457.44 (2)	-53.81	43.00 (3)	54.00	11.00
5510	96.81	Peak	5468.80	-34.51	62.30	68.20	5.90

- (1) Marker-Delta method
(2) Restricted bands of operation in 15.205
(2) Restricted bands of operation as defined in Table 6 of RSS-Gen
(3) Duty-Factor included



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5670	94.83	Peak	5725.44	-36.93	57.90	68.20 (Note)	10.30

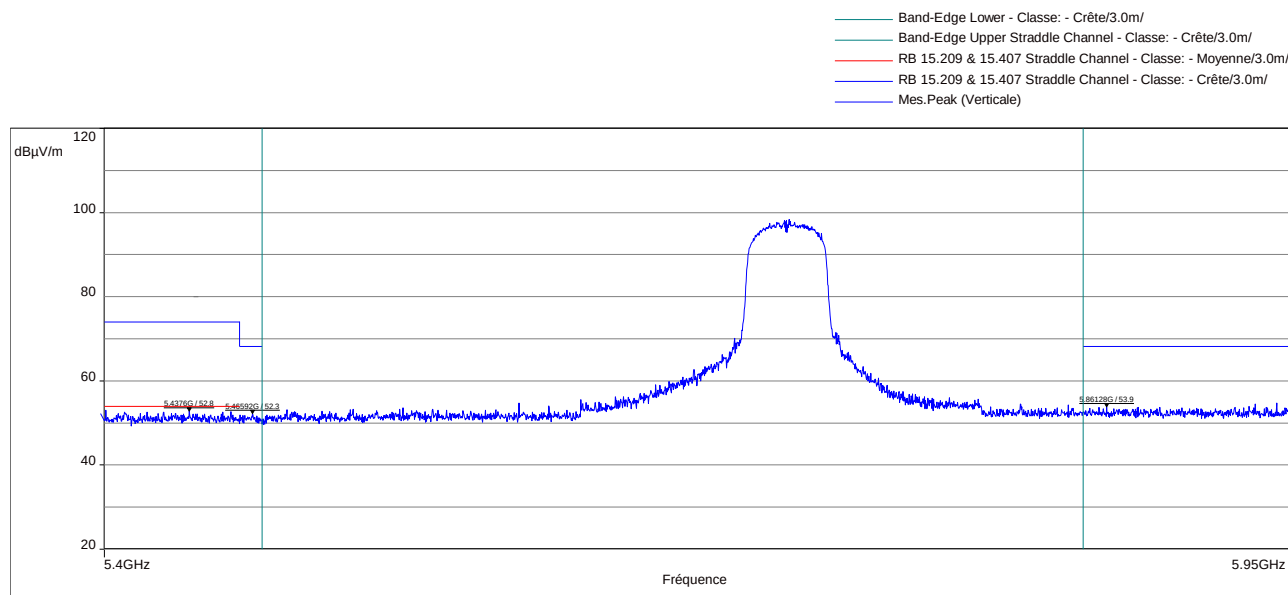
(1) Marker-Delta method

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm

Band U-NII-2C/U-NII-3 (Straddle Channel) – mode 802.11ac – Bandwidth: 40 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5710	98.42	Peak	5437.60 (2)	-45.62	52.80 (3)	74.00	21.20
5710	98.42	Peak	5465.92	-46.12	52.30	68.20 (Note)	15.90
5710	98.42	Peak	5861.28	-44.52	53.90	68.20 (Note)	14.30

(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

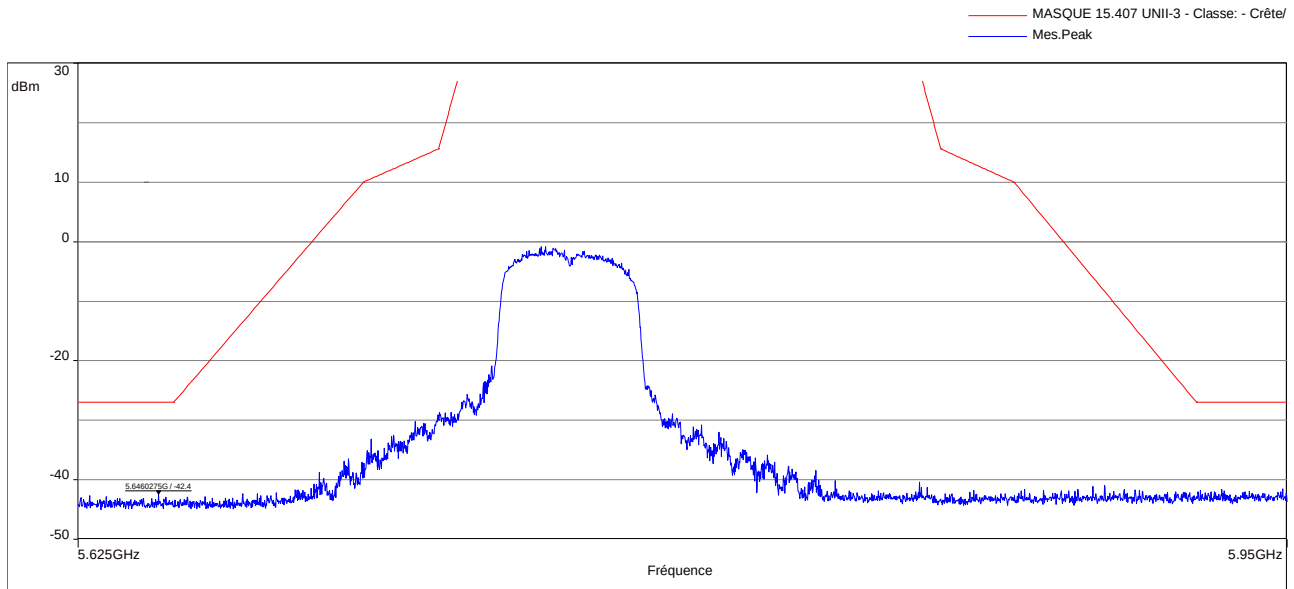
(3) The peak level is lower than the average limit.

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm

Band U-NII-3 – mode 802.11ac – Bandwidth: 40 MHz

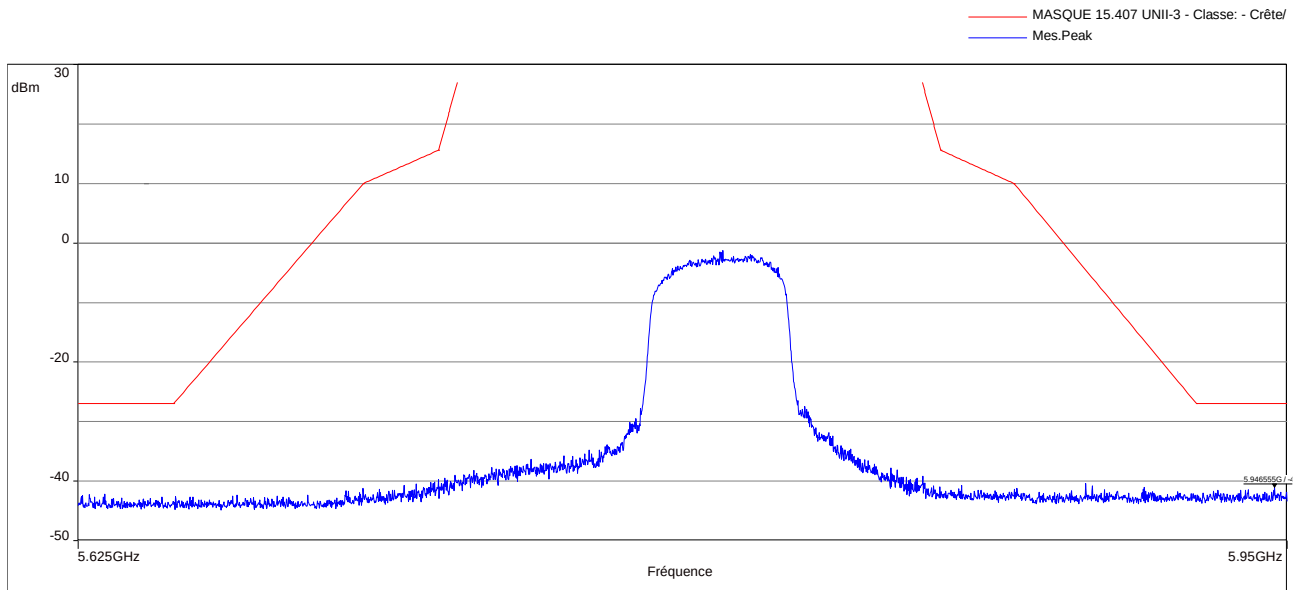
Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBm)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level EIRP (dBm/MHz) (2)	Limit EIRP (dBm/MHz)	Margin (dB)
5755	-0.87	Peak	5646.02	-41.53	-42.40	-27.00	15.40

(1) Marker-Delta method

(2) According KDB 412172: $EIRP = (E \times d)^2 / 30$



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBm)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level EIRP (dBm/MHz) (2)	Limit EIRP (dBm/MHz)	Margin (dB)
5795	-1.27	Peak	5946.55	-39.83	-41.10	-27.00	14.10

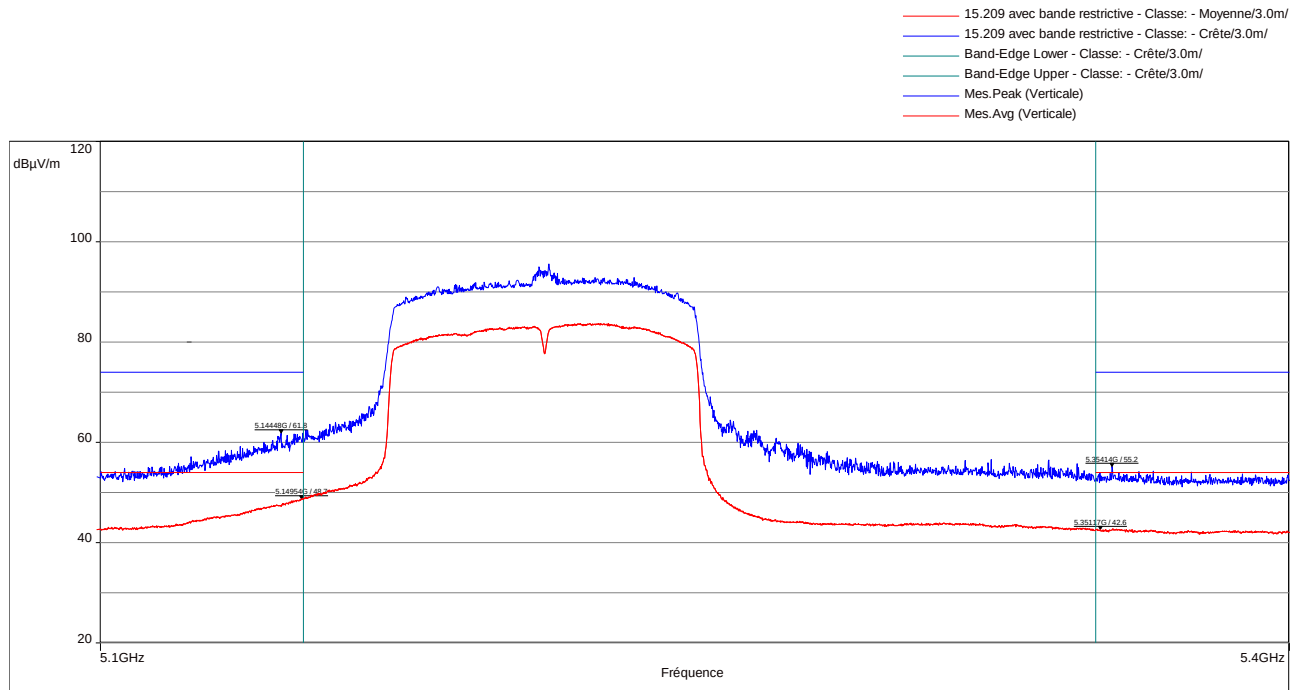
(1) Marker-Delta method

(2) According KDB 412172: $EIRP = (E \times d)^2 / 30$

Lower Band Edge: From 5148 MHz to 5150 MHz
Upper Band Edge: From 5350 MHz to 5352 MHz

Band U-NII-1 – mode 802.11ac – Bandwidth: 80 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5210	95.55	Peak	5144.48 (2)	-33.75	61.80	74.00	12.20
5210	95.55	Average	5149.54 (2)	-46.85	48.70 (3)	54.00	5.30
5210	95.55	Peak	5354.14 (2)	-40.35	55.20	74.00	18.80
5210	95.55	Average	5351.17 (2)	-52.95	42.60 (3)	54.00	11.40

(1) Marker-Delta method

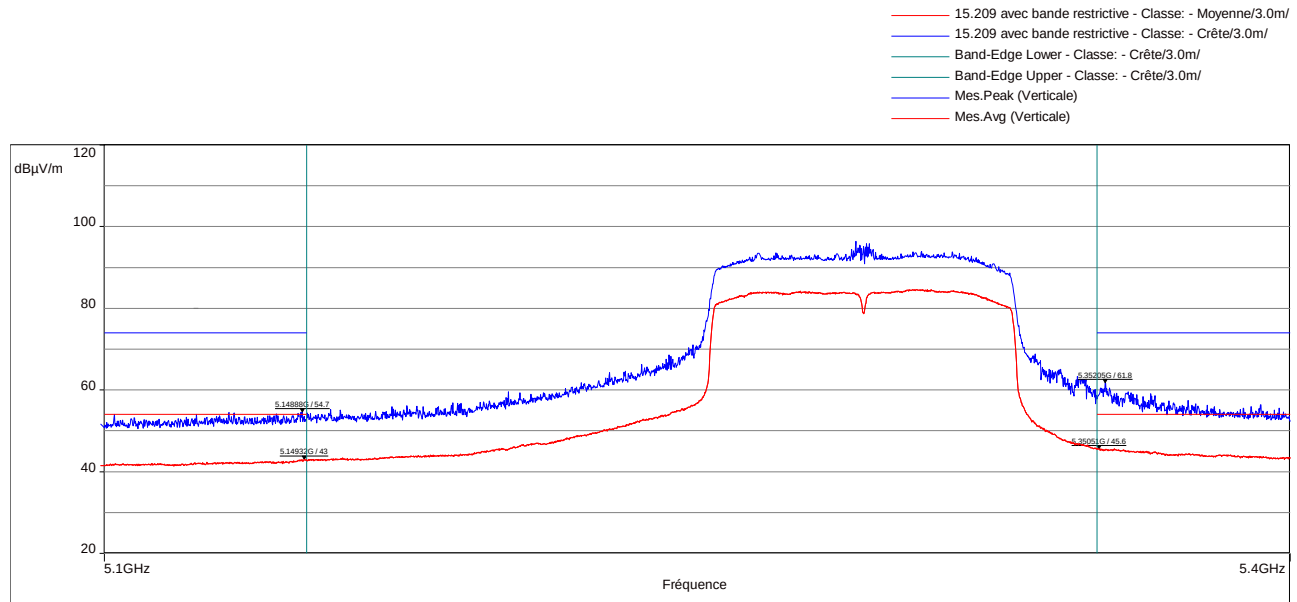
(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

Band U-NII-2A – mode 802.11ac – Bandwidth: 80 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5290	96.47	Peak	5148.88 (2)	-41.77	54.70	74.00	19.30
5290	96.47	Average	5149.32 (2)	-53.47	43.00 (3)	54.00	11.00
5290	96.47	Peak	5352.05 (2)	-34.67	61.80	74.00	12.20
5290	96.47	Average	5350.51 (2)	-50.87	45.60 (3)	54.00	8.40

(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

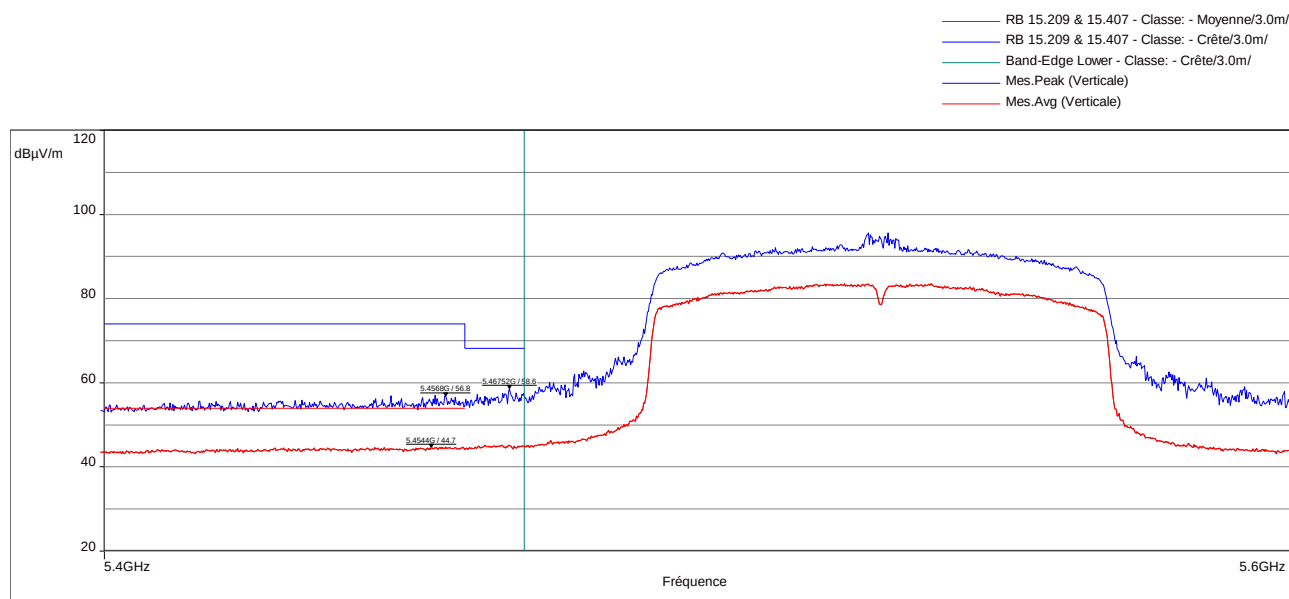
(3) Duty-Factor included

Lower Band Edge: From 5468 MHz to 5470 MHz

Upper Band Edge: From 5725 MHz to 5727 MHz

Band U-NII-2C – mode 802.11ac – Bandwidth: 80 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5530	95.63	Peak	5456.80 (2)	-38.83	56.80	74.00	17.20
5530	95.63	Average	5454.40 (2)	-50.93	44.70 (3)	54.00	9.30
5530	95.63	Peak	5467.42	-37.03	58.60	68.20 (Note)	9.60

(1) Marker-Delta method

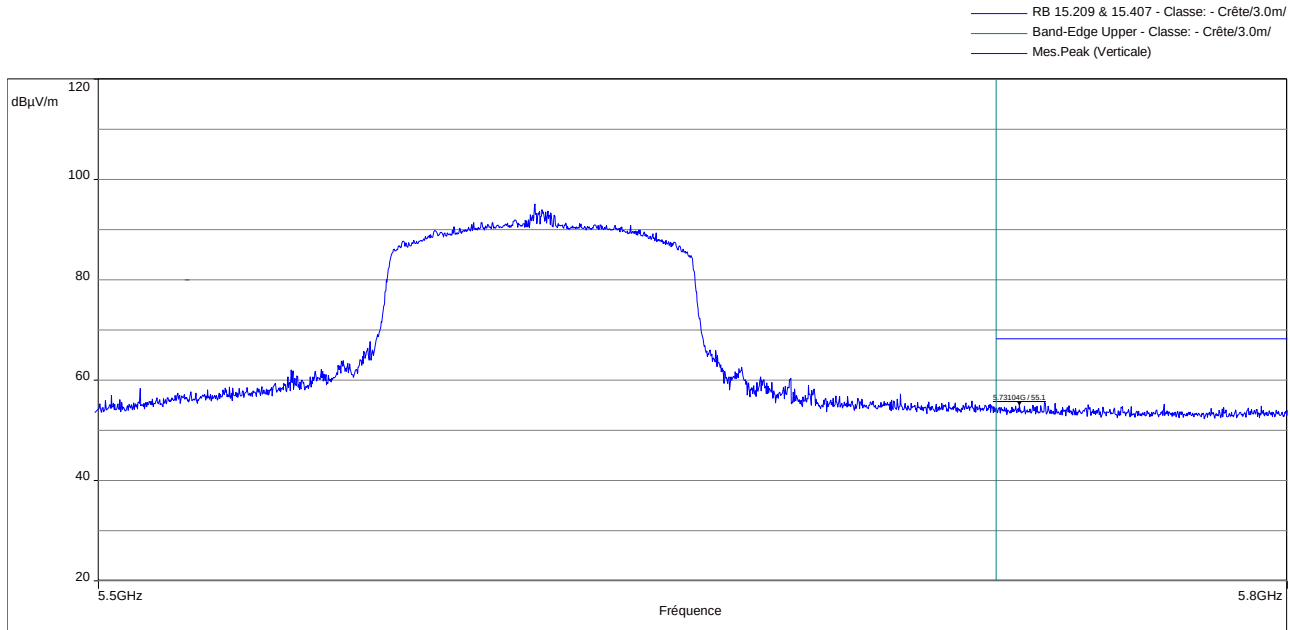
(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

(3) Duty-Factor included

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5610	95.13	Peak	5731.04	-40.03	55.10	68.20 (Note)	13.10

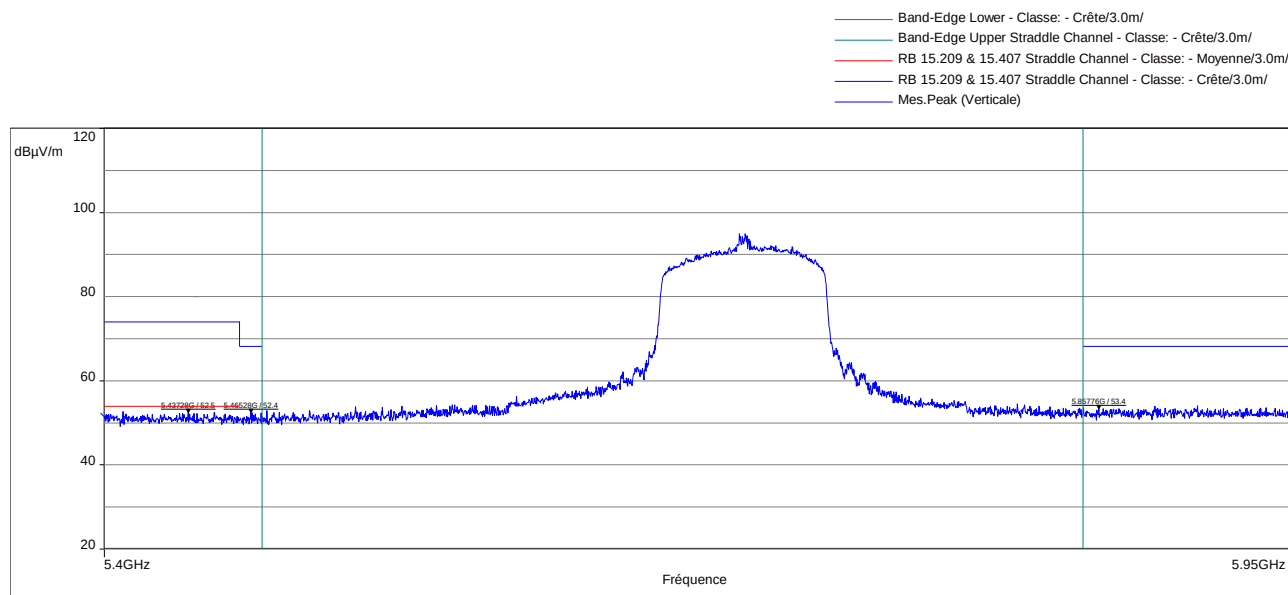
(1) Marker-Delta method

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm

Band U-NII-2C/U-NII-3 (Straddle Channel) – mode 802.11ac – Bandwidth: 80 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBμV/m)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
5690	94.99	Peak	5437.28 (2)	-42.49	52.50 (3)	74.00	21.50
5690	94.99	Peak	5465.28	-42.59	52.40	68.20 (Note)	15.80
5690	94.99	Peak	5857.76	-41.59	53.40	68.20 (Note)	14.80

(1) Marker-Delta method

(2) Restricted bands of operation in 15.205

(2) Restricted bands of operation as defined in Table 6 of RSS-Gen

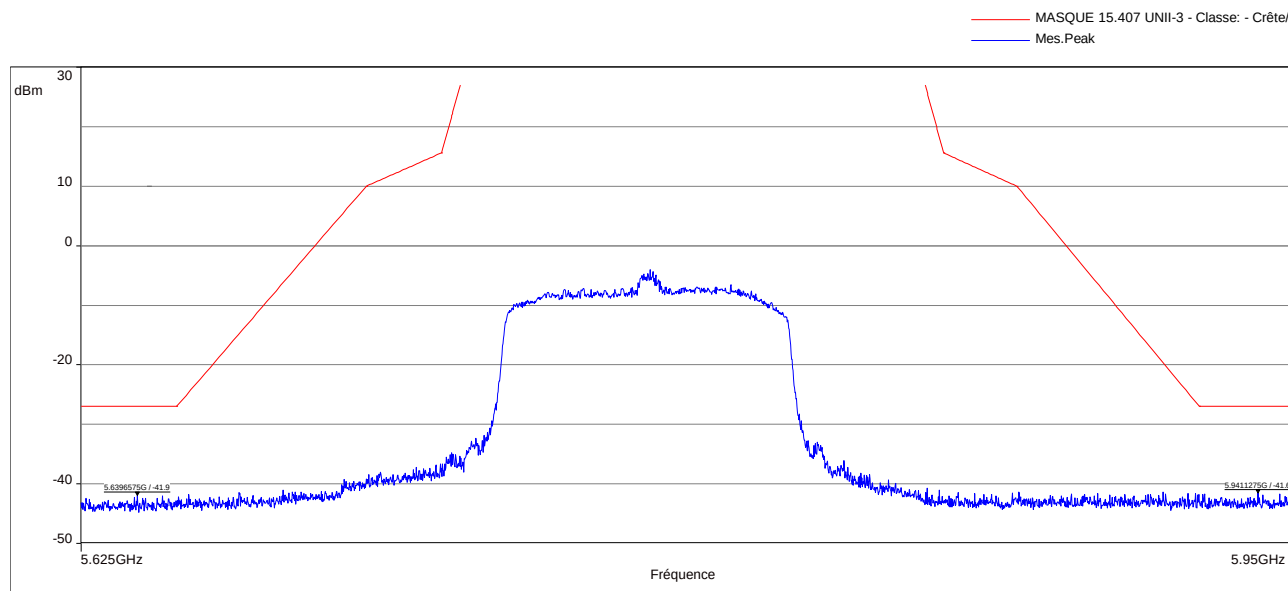
(3) The peak level is lower than the average limit.

Note : EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

According this, 68.2 dBμV/m at 3 m distance corresponds to -27 dBm

Band U-NII-3 – mode 802.11ac – Bandwidth: 80 MHz

Sample N° 1:



Fundamental frequency (MHz)	Field Strength Level of fundamental (dBm)	Detector (Peak or Average)	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB) (1)	Calculated Max Out-of-Band Emission Level EIRP (dBm/MHz) (2)	Limit EIRP (dBm/MHz)	Margin (dB)
5775	-3.99	Peak	5639.65	-37.91	-41.90	-27.00	14.90
5775	-3.99	Peak	5941.12	-37.61	-41.60	-27.00	14.60

(1) Marker-Delta method

(2) According KDB 412172: $EIRP = (E \times d)^2 / 30$

Test conclusion:

RESPECTED STANDARD

11. CONDUCTED OUTPUT POWER

Temperature (°C) : 25

Humidity (%HR): 40

Date : October 2, 2025

Technician : B. VOVARD

Standard: FCC Part 15
RSS-247

Test procedure:

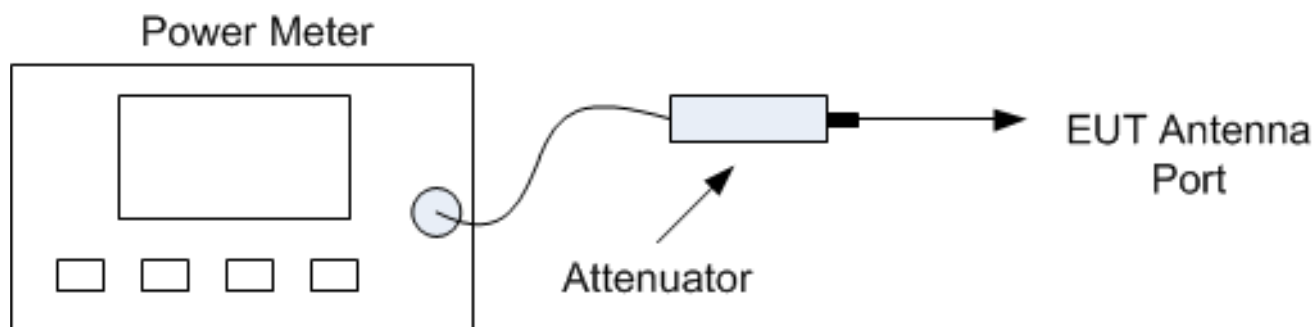
For FCC Part 15: Paragraph 15.215, 15.407 a (1) to a (3)

For RSS-247: paragraph 7.3

Method: paragraph II.E.3 b) of KDB 789033 (method PM-G) *"Measurement using a gated RF average power meter"*

Test set up:

Conducted test



The measure is realized in conducted mode with a calibrated gated RF average reading power meter.

Then the measure is adjusted with the duty cycle correction factor ($10\log(1/x)$ with x is the duty cycle).

Test operating condition of the equipment:

The equipment under test is blocked in continuous modulated transmission mode, at the highest output power level at which the transmitter is intended to operate in 802.11a, 802.11n and in 802.11ac.

Power source: 3.3 Vdc through a host equipment

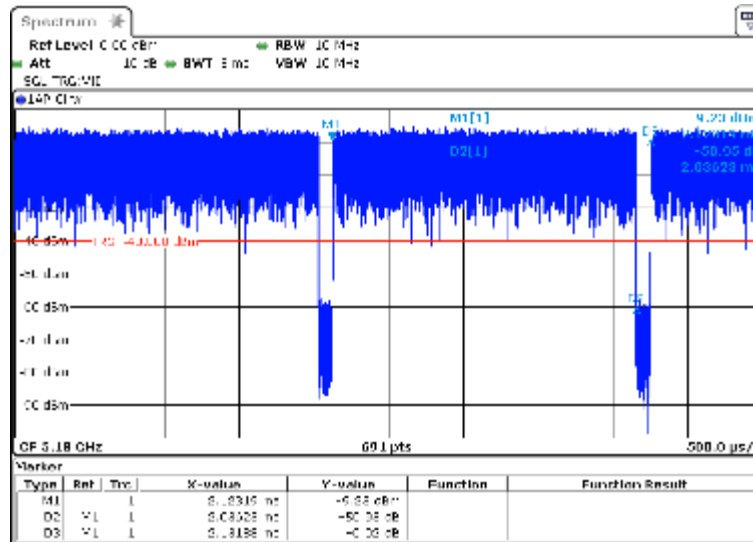
Percentage of voltage variation during the test (%):

± 1

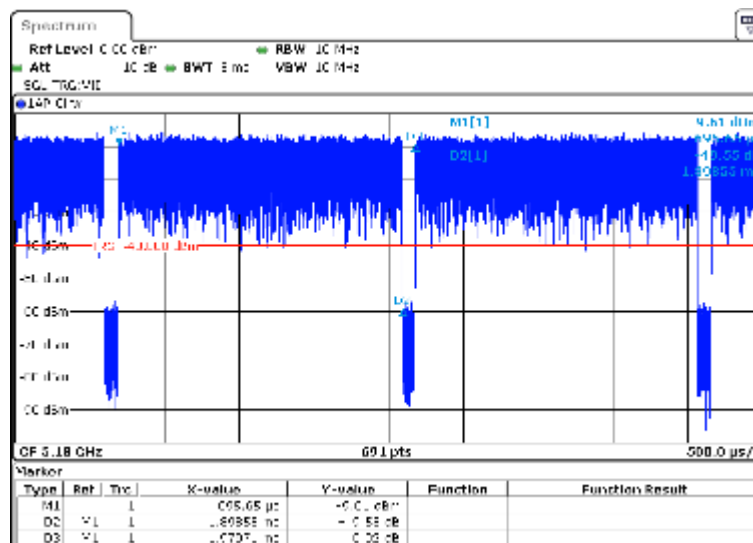
Duty Cycle of Test Signal :

Duty cycle of test signal is < 98%, duty factor shall be considered.

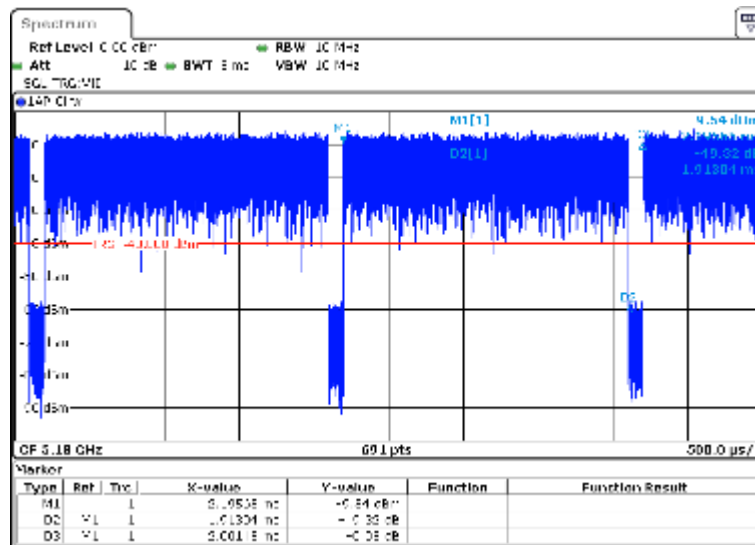
802.11a 20 MHz: Duty cycle = 2.036 ms / 2.131 ms = 0.955, Duty factor = $10 * \log(1 / 0.955) = 0.199$ dB



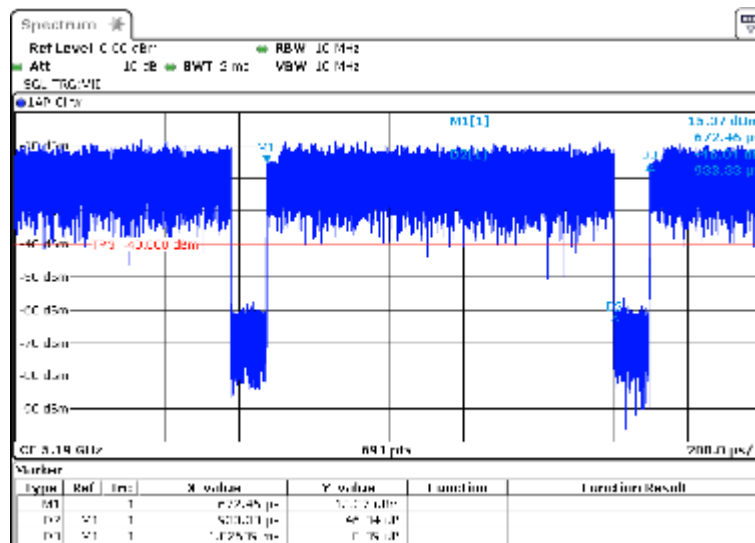
802.11n 20 MHz: Duty cycle = 1.898 ms / 1.979 ms = 0.959, Duty factor = $10 * \log(1 / 0.959) = 0.182$ dB



802.11ac 20 MHz: Duty cycle = 1.913 ms / 2.001 ms = 0.955, Duty factor = $10 * \log(1 / 0.955) = 0.196$ dB



802.11n 40 MHz: Duty cycle = 0.933 ms / 1.026 ms = 0.909, Duty factor = $10 * \log(1 / 0.909) = 0.412$ dB



Spectrum

Ref Level: C CC CBW RBW JC MHz
Att IC dB BW 2 ms VWV JC MHz
SQL TRG ME
LTP Clw

M1 [1] 18.29 dBr
D2 247.10 p
D3 239.13 p

-10 dBm -10.00 dBm

CF 5.19 GHz 691 pts 200.0 μs

Type	Ref	Txc	K-value	Y-value	Function	Function Result
M1		L	342.03 μs	-13.54 CBW		
D2	V L	L	339.13 μs	-13.21 CB		
D3	V L	L	338.88 μs	C 25 CB		

Ref Level: C CC dBm RBW: 10 MHz
Att: 10 dB BWT: 1 ms VBW: 10 MHz
SGL: TRG: ME
LAP: CH

10.0 / dBm
294.501 p
-138.20 dBm
-138.20 dBm

CP: 5.21 GHz 100.0 GHz
691 pps 100.0 ps

Number	Type	Ref	Trg	X value	Y value	Function	Function Result
M1	1	1	1	294.2 ps	10.17 dBm		
P1	1	1	1	439.42 ps	40.76 dB		
P2	1	1	1	226.22 ps	2.59 dB		

Results:

802.11a - 20 MHz:

Sample N° 1 Channel 36 (F = 5180 MHz)

	Maximum Average conducted output power (1)		EIRP (W)	Limit (W)
	(dBm)	(mW)		
Nominal supply voltage: 3.3 Vdc	11.549	14.286	0.017435	US: 0.250 IC: 0.1638 (2)

(1) duty cycle included

(2) for Canada limit is minimum between 0.200 and $10 + 10 \log B$ (dBm) with $B = 16.38$ MHz (99% BW)

Declared maximum antenna gain: 0.89 dBi

Sample N° 1 Channel 40 (F = 5200 MHz)

	Maximum Average conducted output power (1)		EIRP (W)	Limit (W)
	(dBm)	(mW)		
Nominal supply voltage: 3.3 Vdc	11.989	15.809	0.018746	US: 0.250 IC: 0.1634 (2)

(1) duty cycle included

(2) for Canada limit is minimum between 0.200 and $10 + 10 \log B$ (dBm) with $B = 16.34$ MHz (99% BW)

Declared maximum antenna gain: 0.74 dBi

Sample N° 1 Channel 48 (F = 5240 MHz)

	Maximum Average conducted output power (1)		EIRP (W)	Limit (W)
	(dBm)	(mW)		
Nominal supply voltage: 3.3 Vdc	11.579	14.385	0.016364	US: 0.250 IC: 0.1636 (2)

(1) duty cycle included

(2) for Canada limit is minimum between 0.200 and $10 + 10 \log B$ (dBm) with $B = 16.36$ MHz (99% BW)

Declared maximum antenna gain: 0.56 dBi

Sample N° 1 Channel 52 (F = 5260 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.959	15.700	US: 0.250 IC: 0.206 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 19.90$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 16.34$ MHz (99% BW)

Declared maximum antenna gain: 0.47 dBi

Sample N° 1 Channel 60 (F = 5300 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.849	15.307	US: 0.248 IC: 0.205 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 19.66$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 16.32$ MHz (99% BW)

Declared maximum antenna gain: 0.29 dBi

Sample N° 1 Channel 64 (F = 5320 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.759	14.993	US: 0.245 IC: 0.205 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 19.46$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 16.32$ MHz (99% BW)

Declared maximum antenna gain: 0.18 dBi

Sample N° 1 Channel 100 (F = 5500 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	12.509	17.820	US: 0.243 IC: 0.206 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 19.32$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 16.34$ MHz (99% BW)

Declared maximum antenna gain: -0.84 dBi

Sample N° 1 Channel 124 (F = 5620 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	12.289	16.939	US: 0.250 IC: 0.206 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 19.94$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 16.34$ MHz (99% BW)

Declared maximum antenna gain: -1.39 dBi

Sample N° 1 Channel 140 (F = 5700 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	12.349	17.175	US: 0.248 IC: 0.206 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 19.70$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 16.34$ MHz (99% BW)

Declared maximum antenna gain: -1.37 dBi

Sample N° 1 Channel 144 (F = 5720 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	12.149	16.402	US: 0.248 IC: 0.206 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 19.72$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 16.34$ MHz (99% BW)

Declared maximum antenna gain: -1.40 dBi

Sample N° 1 Channel 149 (F = 5745 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	12.799	19.050	1

(1) duty cycle included

Declared maximum antenna gain: -1.43 dBi

Sample N° 1 Channel 157 (F = 5785 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	12.249	16.784	1

(1) duty cycle included

Declared maximum antenna gain: -1.49 dBi

Sample N° 1 Channel 165 (F = 5825 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.519	14.187	1

(1) duty cycle included

Declared maximum antenna gain: -1.51 dBi

802.11n - 20 MHz:

Sample N° 1 Channel 36 (F = 5180 MHz)

	Maximum Average conducted output power (1)		EIRP (W)	Limit (W)
	(dBm)	(mW)		
Nominal supply voltage: 3.3 Vdc	10.482	11.174	0.013715	US: 0.250 IC: 0.1744 (2)

(1) duty cycle included

(2) for Canada limit is minimum between 0.200 and $10 + 10 \log B$ (dBm) with $B = 17.44$ MHz (99% BW)

Declared maximum antenna gain: 0.89 dBi

Sample N° 1 Channel 40 (F = 5200 MHz)

	Maximum Average conducted output power (1)		EIRP (W)	Limit (W)
	(dBm)	(mW)		
Nominal supply voltage: 3.3 Vdc	11.052	12.741	0.015108	US: 0.250 IC: 0.1742 (2)

(1) duty cycle included

(2) for Canada limit is minimum between 0.200 and $10 + 10 \log B$ (dBm) with $B = 17.42$ MHz (99% BW)

Declared maximum antenna gain: 0.74 dBi

Sample N° 1 Channel 48 (F = 5240 MHz)

	Maximum Average conducted output power (1)		EIRP (W)	Limit (W)
	(dBm)	(mW)		
Nominal supply voltage: 3.3 Vdc	10.682	11.700	0.013311	US: 0.250 IC: 0.1744 (2)

(1) duty cycle included

(2) for Canada limit is minimum between 0.200 and $10 + 10 \log B$ (dBm) with $B = 17.44$ MHz (99% BW)

Declared maximum antenna gain: 0.56 dBi

Sample N° 1 Channel 52 (F = 5260 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.042	12.712	US: 0.250 IC: 0.219 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 20.24$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 17.42$ MHz (99% BW)

Declared maximum antenna gain: 0.47 dBi

Sample N° 1 Channel 60 (F = 5300 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.912	12.337	US: 0.250 IC: 0.220 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 20.50$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 17.44$ MHz (99% BW)

Declared maximum antenna gain: 0.29 dBi

Sample N° 1 Channel 64 (F = 5320 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.852	12.167	US: 0.250 IC: 0.220 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 20.14$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 17.44$ MHz (99% BW)

Declared maximum antenna gain: 0.18 dBi

Sample N° 1 Channel 100 (F = 5500 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.522	14.197	US: 0.250 IC: 0.219 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 20.22$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 17.40$ MHz (99% BW)

Declared maximum antenna gain: -0.84 dBi

Sample N° 1 Channel 124 (F = 5620 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.382	13.747	US: 0.250 IC: 0.219 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 20.18$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 17.42$ MHz (99% BW)

Declared maximum antenna gain: -1.39 dBi

Sample N° 1 Channel 140 (F = 5700 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.452	13.970	US: 0.250 IC: 0.219 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 20.40$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 17.42$ MHz (99% BW)

Declared maximum antenna gain: -1.37 dBi

Sample N° 1 Channel 144 (F = 5720 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.632	14.561	US: 0.250 IC: 0.219 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 20.34$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 17.42$ MHz (99% BW)

Declared maximum antenna gain: -1.40 dBi

Sample N° 1 Channel 149 (F = 5745 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.652	14.629	1

(1) duty cycle included

Declared maximum antenna gain: -1.43 dBi

Sample N° 1 Channel 157 (F = 5785 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.232	13.280	1

(1) duty cycle included

Declared maximum antenna gain: -1.49 dBi

Sample N° 1 Channel 165 (F = 5825 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.852	12.167	1

(1) duty cycle included

Declared maximum antenna gain: -1.51 dBi

802.11ac - 20 MHz:

Sample N° 1 Channel 36 (F = 5180 MHz)

	Maximum Average conducted output power (1)		EIRP (W)	Limit (W)
	(dBm)	(mW)		
Nominal supply voltage: 3.3 Vdc	10.516	11.262	0.013823	US: 0.250 IC: 0.1744 (2)

(1) duty cycle included

(2) for Canada limit is minimum between 0.200 and $10 + 10 \log B$ (dBm) with $B = 17.44$ MHz (99% BW)

Declared maximum antenna gain: 0.89 dBi

Sample N° 1 Channel 40 (F = 5200 MHz)

	Maximum Average conducted output power (1)		EIRP (W)	Limit (W)
	(dBm)	(mW)		
Nominal supply voltage: 3.3 Vdc	11.026	12.665	0.015018	US: 0.250 IC: 0.1742 (2)

(1) duty cycle included

(2) for Canada limit is minimum between 0.200 and $10 + 10 \log B$ (dBm) with $B = 17.42$ MHz (99% BW)

Declared maximum antenna gain: 0.74 dBi

Sample N° 1 Channel 48 (F = 5240 MHz)

	Maximum Average conducted output power (1)		EIRP (W)	Limit (W)
	(dBm)	(mW)		
Nominal supply voltage: 3.3 Vdc	10.646	11.604	0.013201	US: 0.250 IC: 0.1744 (2)

(1) duty cycle included

(2) for Canada limit is minimum between 0.200 and $10 + 10 \log B$ (dBm) with $B = 17.44$ MHz (99% BW)

Declared maximum antenna gain: 0.56 dBi

Sample N° 1 Channel 52 (F = 5260 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.876	12.235	US: 0.250 IC: 0.219 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 20.22$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 17.42$ MHz (99% BW)

Declared maximum antenna gain: 0.47 dBi

Sample N° 1 Channel 60 (F = 5300 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.026	12.665	US: 0.250 IC: 0.219 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 20.34$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 17.42$ MHz (99% BW)

Declared maximum antenna gain: 0.29 dBi

Sample N° 1 Channel 64 (F = 5320 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.856	12.179	US: 0.250 IC: 0.220 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 20.40$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 17.44$ MHz (99% BW)

Declared maximum antenna gain: 0.18 dBi

Sample N° 1 Channel 100 (F = 5500 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.526	14.210	US: 0.250 IC: 0.219 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 20.60$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 17.42$ MHz (99% BW)

Declared maximum antenna gain: -0.84 dBi

Sample N° 1 Channel 124 (F = 5620 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.896	12.291	US: 0.250 IC: 0.219 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 20.16$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 17.42$ MHz (99% BW)

Declared maximum antenna gain: -1.39 dBi

Sample N° 1 Channel 140 (F = 5700 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.406	13.823	US: 0.250 IC: 0.219 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 20.32$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 17.42$ MHz (99% BW)

Declared maximum antenna gain: -1.37 dBi

Sample N° 1 Channel 144 (F = 5720 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.636	14.575	US: 0.250 IC: 0.219 (2)

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 20.38$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 17.42$ MHz (99% BW)

Declared maximum antenna gain: -1.40 dBi

Sample N° 1 Channel 149 (F = 5745 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.866	15.367	1

(1) duty cycle included

Declared maximum antenna gain: -1.43 dBi

Sample N° 1 Channel 157 (F = 5785 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	11.296	13.477	1

(1) duty cycle included

Declared maximum antenna gain: -1.49 dBi

Sample N° 1 Channel 165 (F = 5825 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.756	11.901	1

(1) duty cycle included

Declared maximum antenna gain: -1.51 dBi

802.11n - 40 MHz:

Sample N° 1 Channel 38 (F = 5190 MHz)

	Maximum Average conducted output power (1)		EIRP (W)	Limit (W)
	(dBm)	(mW)		
Nominal supply voltage: 3.3 Vdc	9.722	9.380	0.011329	US: 0.250 IC: 0.200

(1) duty cycle included

(2) for Canada limit is minimum between 0.200 and $11 + 10 \log B$ (dBm) with $B = 36.410$ MHz (99% BW)

Declared maximum antenna gain: 0.82 dBi

Sample N° 1 Channel 46 (F = 5230 MHz)

	Maximum Average conducted output power (1)		EIRP (W)	Limit (W)
	(dBm)	(mW)		
Nominal supply voltage: 3.3 Vdc	9.342	8.594	0.009890	US: 0.250 IC: 0.200

(1) duty cycle included

(2) for Canada limit is minimum between 0.200 and $11 + 10 \log B$ (dBm) with $B = 36.310$ MHz (99% BW)

Declared maximum antenna gain: 0.61 dBi

Sample N° 1 Channel 54 (F = 5270 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.012	10.028	0.250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 41.710$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 36.250$ MHz (99% BW)

Declared maximum antenna gain: 0.43 dBi

Sample N° 1 Channel 62 (F = 5310 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	9.952	9.890	0.250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 42.189$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 36.390$ MHz (99% BW)

Declared maximum antenna gain: 0.24 dBi

Sample N° 1 Channel 102 (F = 5510 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	9.912	9.799	0.250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 41.330$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 36.190$ MHz (99% BW)

Declared maximum antenna gain: -0.90 dBi

Sample N° 1 Channel 118 (F = 5590 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.042	10.097	0.250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 41.450$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 36.110$ MHz (99% BW)

Declared maximum antenna gain: -1.34 dBi

Sample N° 1 Channel 134 (F = 5670 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.582	11.434	0.250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 41.390$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 36.230$ MHz (99% BW)

Declared maximum antenna gain: -1.38 dBi

Sample N° 1 Channel 142 (F = 5710 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.572	11.408	0.250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 41.910$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 36.130$ MHz (99% BW)

Declared maximum antenna gain: -1.38 dBi

Sample N° 1 Channel 151 (F = 5755 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.932	12.394	1

(1) duty cycle included

Declared maximum antenna gain: -1.45 dBi

Sample N° 1 Channel 159 (F = 5795 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.382	10.919	1

(1) duty cycle included

Declared maximum antenna gain: -1.50 dBi

802.11ac - 40 MHz:

Sample N° 1 Channel 38 (F = 5190 MHz)

	Maximum Average conducted output power (1)		EIRP (W)	Limit (W)
	(dBm)	(mW)		
Nominal supply voltage: 3.3 Vdc	9.729	9.395	0.011347	US: 0.250 IC: 0.200

(1) duty cycle included

(2) for Canada limit is minimum between 0.200 and $11 + 10 \log B$ (dBm) with $B = 36.270$ MHz (99% BW)

Declared maximum antenna gain: 0.82 dBi

Sample N° 1 Channel 46 (F = 5230 MHz)

	Maximum Average conducted output power (1)		EIRP (W)	Limit (W)
	(dBm)	(mW)		
Nominal supply voltage: 3.3 Vdc	9.339	8.588	0.009883	US: 0.250 IC: 0.200

(1) duty cycle included

(2) for Canada limit is minimum between 0.200 and $11 + 10 \log B$ (dBm) with $B = 36.190$ MHz (99% BW)

Declared maximum antenna gain: 0.61 dBi

Sample N° 1 Channel 54 (F = 5270 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	9.999	9.998	0.250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 42.189$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 36.250$ MHz (99% BW)

Declared maximum antenna gain: 0.43 dBi

Sample N° 1 Channel 62 (F = 5310 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	9.889	9.748	0.250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 41.690$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 36.150$ MHz (99% BW)

Declared maximum antenna gain: 0.24 dBi

Sample N° 1 Channel 102 (F = 5510 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	9.929	9.838	0.250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 41.210$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 36.110$ MHz (99% BW)

Declared maximum antenna gain: -0.90 dBi

Sample N° 1 Channel 118 (F = 5590 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.029	10.067	0.250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 41.010$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 36.310$ MHz (99% BW)

Declared maximum antenna gain: -1.34 dBi

Sample N° 1 Channel 134 (F = 5670 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.599	11.479	0250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 41.830$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 36.330$ MHz (99% BW)

Declared maximum antenna gain: -1.38 dBi

Sample N° 1 Channel 142 (F = 5710 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.619	11.532	0.250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 41.590$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 36.290$ MHz (99% BW)

Declared maximum antenna gain: -1.38 dBi

Sample N° 1 Channel 151 (F = 5755 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.919	12.357	1

(1) duty cycle included

Declared maximum antenna gain: -1.45 dBi

Sample N° 1 Channel 159 (F = 5795 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	10.419	11.013	1

(1) duty cycle included

Declared maximum antenna gain: -1.50 dBi

802.11ac - 80 MHz:

Sample N° 1 Channel 42 (F = 5210 MHz)

	Maximum Average conducted output power (1)		EIRP (W)	Limit (W)
	(dBm)	(mW)		
Nominal supply voltage: 3.3 Vdc	8.663	7.350	0.008636	US: 0.250 IC: 0.200

(1) duty cycle included

(2) for Canada limit is minimum between 0.200 and $11 + 10 \log B$ (dBm) with $B = 74.71$ MHz (99% BW)

Declared maximum antenna gain: 0.70 dBi

Sample N° 1 Channel 58 (F = 5290 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	8.903	7.768	0.250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 80.770$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 74.690$ MHz (99% BW)

Declared maximum antenna gain: 0.34 dBi

Sample N° 1 Channel 106 (F = 5530 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	8.643	7.316	0.250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 80.530$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 74.690$ MHz (99% BW)

Declared maximum antenna gain: -1.01 dBi

Sample N° 1 Channel 122 (F = 5610 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	9.063	8.059	0.250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 80.870$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 74.650$ MHz (99% BW)

Declared maximum antenna gain: -1.40 dBi

Sample N° 1 Channel 138 (F = 5690 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	9.563	9.043	0.250

(1) duty cycle included

(2) for USA limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 81.070$ MHz (26dB BW)

(2) for Canada limit is minimum between 0.250 and $11 + 10 \log B$ (dBm) with $B = 74.730$ MHz (99% BW)

Declared maximum antenna gain: -1.37 dBi

Sample N° 1 Channel 155 (F = 5775 MHz)

	Maximum Average conducted output power (1)		Limit (W)
	(dBm)	(mW)	
Nominal supply voltage: 3.3 Vdc	9.443	8.796	1

(1) duty cycle included

Declared maximum antenna gain: -1.48 dBi

Test conclusion:

RESPECTED STANDARD

12. RADIATED SPURIOUS EMISSIONS**Temperature (°C) :** 25 to 28**Humidity (%HR):** 39 to 43**Date :** October 8, 2025 to
October 13, 2025**Technician :** B. VOVARD**Standard:** FCC Part 15
RSS-247**Test procedure:**

For FCC Part 15: Paragraph 15.215, 15.407 b

For RSS-247: paragraph 7.3

Method:paragraph II.G.1 of KDB 789033 "*Unwanted Emissions in the Restricted Bands*"Method:paragraph II.G.2 of KDB 789033 "*Unwanted Emissions that fall Outside of the Restricted Bands*"Method:paragraph II.G.3 of KDB 789033 "*General Requirements for Unwanted Emissions Measurements*"Method:paragraph II.G.4 of KDB 789033 "*Unwanted Emissions Measurements below 1000 MHz*"Method:paragraph II.G.5 of KDB 789033 "*Unwanted Maximum Emissions Measurements above 1000 MHz*"Method:paragraph II.G.6 of KDB 789033 (method AD) "*Average Unwanted Emissions Measurements above 1000 MHz*"**Test set up:** (Refer Appendix 3)

First an exploratory radiated measurement was performed. During this phase the product is oriented in three orthogonal planes.

Then the final measurement is realized with the product on the most critical orientation.

The measure is realized in anechoic chamber for preliminary tests under 1 GHz and in anechoic chamber above 1 GHz.

When the system is tested in anechoic chamber, the EUT is placed on a rotating table, 1.5 m from a ground plane.

When the system is tested in anechoic chamber, for a preliminary measurement, the EUT is placed on a rotating table, 1.5 m from a ground plane. Next final measurements are tested if necessary, in open area test site or in semi anechoic room with the EUT is placed on a rotating table, 0.8m from a ground plane for measurements under 1 GHz

Zero degree azimuths correspond to the front of the device under test.

See test setup in appendix 3.

Frequency range: From 9 kHz to 40 GHz**Detection mode:** Quasi-peak ($F < 1 \text{ GHz}$)Peak / Average ($F > 1 \text{ GHz}$)**Bandwidth:** 200Hz ($9 \text{ kHz} < F < 150\text{kHz}$)
9 kHz ($150 \text{ kHz} < F < 30\text{MHz}$)
120 kHz ($30 \text{ MHz} < F < 1 \text{ GHz}$)
1 MHz ($F > 1 \text{ GHz}$)

Distance of antenna: 3 m between 1 GHz and 18 GHz
0.92 m between 18 GHz and 40 GHz

Antenna height: 1 to 2.5 meters or 0.5 m above the top of the EUT, whichever is higher (in anechoic room)

Antenna polarization: vertical and horizontal (only the highest level is recorded)

Equipment under test operating condition:

The equipment under test is blocked in continuous modulated transmission mode, at the highest output power level at which the transmitter is intended to operate in 802.11a, 802.11n and in 802.11ac.

Duty cycle factor for average measurement is included on the results.

For Band-Edge Measurements, see §10.

$EIRP\ (dBm) = E\ (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Power source: 3.3 Vdc through a host equipment

Percentage of voltage variation during the test (%): ± 1

Results:

Band U-NII-1 – mode 802.11a – Bandwidth: 20 MHz

Sample N° 1 Channel 36 (F = 5180 MHz) – Mode 802.11a

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10360	P	228	73	1000	V	58.37	-36.89	-27.00	9.89
15540 (1)	P	150	0	1000	V	53.44 (2)	-	74.00	20.56

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 40 (F = 5200 MHz) – Mode 802.11a

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10400	P	144	93	1000	H	55.64	-39.62	-27.00	12.62
15600 (1)	P	150	0	1000	V	55.14 (3)	-	74.00	18.86
15600 (1)	Av	150	0	1000	V	46.55 (2) (3)	-	54.00	7.45

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 48 (F = 5240 MHz) – Mode 802.11a

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10480	P	150	91	1000	H	53.08	-42.18	-27.00	15.18
15720 (1)	P	150	0	1000	H	53.16 (2) (3)	-	74.00	20.84

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-2A – mode 802.11a – Bandwidth: 20 MHz

Sample N° 1 Channel 52 (F = 5260 MHz) – Mode 802.11a

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10520	P	133	93	1000	H	54.51	-40.75	-27.00	13.75
15780 (1)	P	150	0	1000	V	57.61	-	74.00	16.39
15780 (1)	Av	150	0	1000	V	45.71 (2)	-	54.00	8.29

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 60 (F = 5300 MHz) – Mode 802.11a

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dB μ V/m)	Field strength Computed at 3 m (dBm)	Limits (dB μ V/m) or (dBm)	Margin (dB)
10600 (1)	P	136	92	1000	H	52.15 (3)	-	74.00	21.85
15900 (1)	P	150	0	1000	H	58.20 (4)	-	74.00	15.80
15900 (1)	Av	150	0	1000	H	46.71 (2) (4)	-	54.00	7.29

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) The peak level is lower than the average limit (54 dB μ V/m)

(4) Noise floor

Sample N° 1 Channel 64 (F = 5320 MHz) – Mode 802.11a

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dB μ V/m)	Field strength Computed at 3 m (dBm)	Limits (dB μ V/m) or (dBm)	Margin (dB)
10640 (1)	P	150	0	1000	H	48.90 (3) (4)	-	74.00	25.10
15960 (1)	P	150	0	1000	H	54.25 (4)	-	74.00	19.75
15960 (1)	Av	150	0	1000	H	43.15 (2) (4)	-	54.00	10.85

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) The peak level is lower than the average limit (54 dB μ V/m)

(4) Noise floor

Band U-NII-2C – mode 802.11a – Bandwidth: 20 MHz

Sample N° 1 Channel 100 (F = 5500 MHz) – Mode 802.11a

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11000 (1)	P	153	85	1000	H	52.07 (2)	-	74.00	21.93
16500	P	150	0	1000	H	53.82 (3)	-41.44	-27.00	14.44

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 124 (F = 5620 MHz) – Mode 802.11a

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11240 (1)	P	150	0	1000	V	49.12 (2) (3)	-	74.00	24.88
16860	P	150	0	1000	V	55.60 (3)	-39.66	-27.00	12.66

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 140 (F = 5700 MHz) – Mode 802.11a

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11400 (1)	P	150	0	1000	V	50.01 (2) (3)	-	74.00	23.99
17100	P	150	0	1000	V	54.20 (3)	-41.06	-27.00	14.06

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 144 (F = 5720 MHz) – Mode 802.11a

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11440 (1)	P	150	0	1000	V	50.47 (2)	-	74.00	23.53
17160	P	150	0	1000	V	53.94 (3)	-41.32	-27.00	14.32

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-3 – mode 802.11a – Bandwidth: 20 MHz

Sample N° 1 Channel 149 (F = 5745 MHz) – Mode 802.11a

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11490 (1)	P	150	0	1000	V	49.98 (2) (3)	-	74.00	24.02
17235	P	150	0	1000	V	54.76 (3)	-40.50	-27.00	13.50

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 157 (F = 5785 MHz) – Mode 802.11a

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11570 (1)	P	150	0	1000	V	49.73 (2) (3)	-	74.00	24.27
17355	P	150	0	1000	V	55.15 (3)	-40.11	-27.00	13.11

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 165 (F = 5825 MHz) – Mode 802.11a

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11650 (1)	P	150	0	1000	V	49.83 (2) (3)	-	74.00	24.17
17475	P	150	0	1000	V	56.51 (3)	-38.75	-27.00	11.75

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-1 – mode 802.11n – Bandwidth: 20 MHz

Sample N° 1 Channel 36 (F = 5180 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10360	P	228	73	1000	V	57.73	-37.53	-27.00	10.53
15540 (1)	P	150	0	1000	V	53.44 (2) (3)	-	74.00	20.56

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 40 (F = 5200 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10400	P	144	93	1000	H	56.27	-38.99	-27.00	11.99
15600 (1)	P	150	0	1000	V	55.10 (3)	-	74.00	18.90
15600 (1)	Av	150	0	1000	V	46.50 (2) (3)	-	54.00	7.50

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 48 (F = 5240 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10480	P	150	100	1000	V	52.86	-42.40	-27.00	15.40
15720 (1)	P	150	0	1000	H	53.16 (2) (3)	-	74.00	20.84

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-2A – mode 802.11n – Bandwidth: 20 MHz

Sample N° 1 Channel 52 (F = 5260 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10520	P	133	93	1000	H	53.77	-41.49	-27.00	14.49
15780 (1)	P	150	0	1000	V	57.61	-	74.00	16.39
15780 (1)	Av	150	0	1000	V	45.71 (2)	-	54.00	8.29

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 60 (F = 5300 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dB μ V/m)	Field strength Computed at 3 m (dBm)	Limits (dB μ V/m) or (dBm)	Margin (dB)
10600 (1)	P	136	92	1000	H	52.25 (3)	-	74.00	21.75
15900 (1)	P	150	0	1000	H	58.20 (4)	-	74.00	15.80
15900 (1)	Av	150	0	1000	H	46.71 (2) (4)	-	54.00	7.29

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) The peak level is lower than the average limit (54 dB μ V/m)

(4) Noise floor

Sample N° 1 Channel 64 (F = 5320 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dB μ V/m)	Field strength Computed at 3 m (dBm)	Limits (dB μ V/m) or (dBm)	Margin (dB)
10640 (1)	P	150	0	1000	H	48.80 (3) (4)	-	74.00	25.20
15960 (1)	P	150	0	1000	H	54.20 (4)	-	74.00	19.80
15960 (1)	Av	150	0	1000	H	43.15 (2) (4)	-	54.00	10.85

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) The peak level is lower than the average limit (54 dB μ V/m)

(4) Noise floor

Band U-NII-2C – mode 802.11n – Bandwidth: 20 MHz

Sample N° 1 Channel 100 (F = 5500 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11000 (1)	P	153	85	1000	H	51.23 (2)	-	74.00	22.77
16500	P	150	0	1000	H	53.82 (3)	-41.44	-27.00	14.44

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 124 (F = 5620 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11240 (1)	P	150	0	1000	V	49.17 (2) (3)	-	74.00	24.83
16860	P	150	0	1000	H	55.40 (3)	-39.86	-27.00	12.86

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 140 (F = 5700 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11400 (1)	P	150	0	1000	V	49.40 (2) (3)	-	74.00	24.60
17100	P	150	0	1000	V	54.00 (3)	-41.26	-27.00	14.26

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 144 (F = 5720 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11440 (1)	P	150	0	1000	V	50.23 (2)	-	74.00	23.77
17160	P	150	0	1000	V	53.90 (3)	-41.36	-27.00	14.36

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-3 – mode 802.11n – Bandwidth: 20 MHz

Sample N° 1 Channel 149 (F = 5745 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dB μ V/m)	Field strength Computed at 3 m (dBm)	Limits (dB μ V/m) or (dBm)	Margin (dB)
11490 (1)	P	150	0	1000	V	49.80 (2) (3)	-	74.00	24.20
17235	P	150	0	1000	V	54.26 (3)	-41.00	-27.00	14.00

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dB μ V/m)

(3) Noise floor

EIRP (dBm) = E (dB μ V/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 157 (F = 5785 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dB μ V/m)	Field strength Computed at 3 m (dBm)	Limits (dB μ V/m) or (dBm)	Margin (dB)
11570 (1)	P	150	0	1000	V	49.60 (2) (3)	-	74.00	24.40
17355	P	150	0	1000	V	55.10 (3)	-40.16	-27.00	13.16

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dB μ V/m)

(3) Noise floor

EIRP (dBm) = E (dB μ V/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 165 (F = 5825 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11650 (1)	P	150	0	1000	V	49.29 (2) (3)	-	74.00	24.71
17475	P	150	0	1000	V	56.50 (3)	-38.76	-27.00	11.76

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-1 – mode 802.11ac – Bandwidth: 20 MHz

Sample N° 1 Channel 36 (F = 5180 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dB μ V/m)	Field strength Computed at 3 m (dBm)	Limits (dB μ V/m) or (dBm)	Margin (dB)
10360	P	228	73	1000	V	57.64	-37.62	-27.00	10.62
15540 (1)	P	150	0	1000	V	53.44 (3) (4)	-	74.00	20.56

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dB μ V/m)

(3) Noise floor

EIRP (dBm) = E (dB μ V/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 40 (F = 5200 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dB μ V/m)	Field strength Computed at 3 m (dBm)	Limits (dB μ V/m) or (dBm)	Margin (dB)
10400	P	144	93	1000	H	56.40	-38.86	-27.00	11.86
15600 (1)	P	150	0	1000	V	55.10 (3)	-	74.00	18.90
15600 (1)	Av	150	0	1000	V	46.50 (2) (3)	-	54.00	7.50

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) Noise floor

EIRP (dBm) = E (dB μ V/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 48 (F = 5240 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10480	P	150	91	1000	H	53.71	-41.55	-27.00	14.55
15720 (1)	P	150	0	1000	H	53.16 (3)	-	74.00	20.84
15720 (1)	Av	150	0	1000	H	44.27 (2)	-	54.00	9.73

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-2A – mode 802.11ac – Bandwidth: 20 MHz

Sample N° 1 Channel 52 (F = 5260 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10520	P	133	93	1000	H	55.33	-39.93	-27.00	12.93
15780 (1)	P	150	0	1000	V	57.61	-	74.00	16.39
15780 (1)	Av	150	0	1000	V	45.71 (2)	-	54.00	8.29

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 60 (F = 5300 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dB μ V/m)	Field strength Computed at 3 m (dBm)	Limits (dB μ V/m) or (dBm)	Margin (dB)
10600 (1)	P	136	92	1000	H	52.50 (3)	-	74.00	21.50
15900 (1)	P	150	0	1000	H	58.20 (4)	-	74.00	15.80
15900 (1)	Av	150	0	1000	H	46.71 (2) (4)	-	54.00	7.29

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) The peak level is lower than the average limit (54 dB μ V/m)

(4) Noise floor

Sample N° 1 Channel 64 (F = 5320 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dB μ V/m)	Field strength Computed at 3 m (dBm)	Limits (dB μ V/m) or (dBm)	Margin (dB)
10640 (1)	P	150	0	1000	H	48.82 (3) (4)	-	74.00	25.18
15960 (1)	P	150	0	1000	H	54.23 (4)	-	74.00	19.77
15960 (1)	Av	150	0	1000	H	43.15 (2) (4)	-	54.00	10.85

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) The peak level is lower than the average limit (54 dB μ V/m)

(4) Noise floor

Band U-NII-2C – mode 802.11ac – Bandwidth: 20 MHz

Sample N° 1 Channel 100 (F = 5500 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11000 (1)	P	153	85	1000	H	51.78 (2)	-	74.00	22.22
16500	P	150	0	1000	H	53.82 (3)	-42.44	-27.00	14.44

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 124 (F = 5620 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11240 (1)	P	150	0	1000	V	49.33 (2) (3)	-	74.00	24.67
16860	P	150	0	1000	V	55.72 (3)	-39.54	-27.00	12.54

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 140 (F = 5700 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11400 (1)	P	150	0	1000	H	49.46 (2) (3)	-	74.00	24.54
17100	P	150	0	1000	H	54.35 (3)	-40.91	-27.00	13.91

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 144 (F = 5720 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11440 (1)	P	150	0	1000	V	50.44 (2)	-	74.00	23.56
17160	P	150	0	1000	V	53.81 (3)	-41.45	-27.00	14.45

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-3 – mode 802.11ac – Bandwidth: 20 MHz

Sample N° 1 Channel 149 (F = 5745 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11490 (1)	P	150	0	1000	V	50.20 (2) (3)	-	74.00	23.80
17235	P	150	0	1000	V	54.44 (3)	-40.82	-27.00	13.82

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 157 (F = 5785 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11570 (1)	P	150	0	1000	V	49.71 (2) (3)	-	74.00	24.29
17355	P	150	0	1000	V	55.25 (3)	-40.01	-27.00	13.01

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 165 (F = 5825 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11650 (1)	P	150	0	1000	V	49.32 (2) (3)	-	74.00	24.68
17475	P	150	0	1000	V	56.45 (3)	-38.81	-27.00	11.81

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-1 – mode 802.11n – Bandwidth: 40 MHz

Sample N° 1 Channel 38 (F = 5190 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10380	P	244	95	1000	H	54.38	-40.88	-27.00	13.87
15570 (1)	P	150	0	1000	H	55.32 (3)	-	74.00	18.68
15570 (1)	Av	150	0	1000	H	44.61 (2)	-	54.00	9.39

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 46 (F = 5230 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10460	P	150	91	1000	V	50.77	-44.49	-27.00	17.49
15690 (1)	P	150	0	1000	V	53.56 (2) (3)	-	74.00	20.44

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-2A – mode 802.11n – Bandwidth: 40 MHz

Sample N° 1 Channel 54 (F = 5270 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10540	P	150	93	1000	V	50.12	-45.14	-27.00	18.14
15810 (1)	P	150	0	1000	V	55.00 (3)	-	74.00	19.00
15810 (1)	Av	150	0	1000	V	44.10 (2)	-	54.00	9.90

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 62 (F = 5310 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10620 (1)	P	150	0	1000	H	49.64 (3) (4)	-	74.00	24.36
15930 (1)	P	150	0	1000	H	54.64 (4)	-	74.00	19.36
15930 (1)	Av	150	0	1000	H	43.84 (2) (4)	-	54.00	10.16

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) The peak level is lower than the average limit (54 dBμV/m)

(4) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-2C – mode 802.11n – Bandwidth: 40 MHz

Sample N° 1 Channel 102 (F = 5510 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11020 (1)	P	150	0	1000	V	49.01 (2)	-	74.00	24.99
16530	P	150	0	1000	V	53.55 (3)	-41.71	-27.00	14.71

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 118 (F = 5590 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11180 (1)	P	150	0	1000	V	49.30 (2) (3)	-	74.00	24.70
16770	P	150	0	1000	V	55.95 (3)	-39.31	-27.00	12.31

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 134 (F = 5670 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11340 (1)	P	150	0	1000	V	50.45 (2)	-	74.00	23.55
17010	P	150	0	1000	V	54.88 (3)	-40.38	-27.00	13.38

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 142 (F = 5710 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11420 (1)	P	150	0	1000	V	49.54 (2)	-	74.00	24.46
17130	P	150	0	1000	V	53.72 (3)	-41.54	-27.00	14.54

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-3 – mode 802.11n – Bandwidth: 40 MHz

Sample N° 1 Channel 151 (F = 5755 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11510 (1)	P	150	0	1000	H	49.33 (2)	-	74.00	24.67
17265	P	150	0	1000	H	54.67 (3)	-40.59	-27.00	13.59

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 159 (F = 5795 MHz) – Mode 802.11n

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11590 (1)	P	150	0	1000	V	48.83 (2) (3)	-	74.00	25.17
17385	P	150	0	1000	V	54.62 (3)	-40.64	-27.00	13.64

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-1 – mode 802.11ac – Bandwidth: 40 MHz

Sample N° 1 Channel 38 (F = 5190 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10380	P	244	95	1000	H	54.46	-40.80	-27.00	13.80
15570 (1)	P	150	0	1000	H	55.30 (3)	-	74.00	18.70
15570 (1)	P	150	0	1000	H	44.61 (2)	-	54.00	9.39

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 46 (F = 5230 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10460	P	150	91	1000	V	51.14	-44.12	-27.00	17.12
15690 (1)	P	150	0	1000	V	53.50 (2) (3)	-	74.00	20.50

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-2A – mode 802.11ac – Bandwidth: 40 MHz

Sample N° 1 Channel 54 (F = 5270 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10540	P	150	93	1000	V	50.22	-45.04	-27.00	18.04
15810 (1)	P	150	0	1000	V	54.90 (3)	-	74.00	19.10
15810 (1)	Av	150	0	1000	V	44.03 (2)	-	54.00	9.97

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 62 (F = 5310 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10620 (1)	P	150	0	1000	H	49.61 (3) (4)	-	74.00	24.39
15930 (1)	P	150	0	1000	H	54.60 (4)	-	74.00	19.40
15930 (1)	Av	150	0	1000	H	43.84 (2) (4)	-	54.00	10.16

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) The peak level is lower than the average limit (54 dBμV/m)

(4) Noise floor

Band U-NII-2C – mode 802.11ac – Bandwidth: 40 MHz

Sample N° 1 Channel 102 (F = 5510 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11020 (1)	P	150	0	1000	V	49.09 (2) (3)	-	74.00	24.91
16530	P	150	0	1000	V	53.55 (3)	-41.71	-27.00	14.71

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 118 (F = 5590 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11180 (1)	P	150	0	1000	V	49.12 (2) (3)	-	74.00	24.88
16770	P	150	0	1000	V	55.80 (3)	-39.46	-27.00	12.46

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 134 (F = 5670 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11340 (1)	P	150	0	1000	V	50.20 (2)	-	74.00	23.80
17010	P	150	0	1000	V	54.66 (3)	-40.60	-27.00	13.60

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 142 (F = 5710 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11420 (1)	P	150	0	1000	V	49.32 (2)	-	74.00	24.68
17130	P	150	0	1000	V	53.61 (3)	-41.65	-27.00	14.65

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-3 – mode 802.11ac – Bandwidth: 40 MHz

Sample N° 1 Channel 151 (F = 5755 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11510 (1)	P	150	0	1000	H	49.15 (2)	-	74.00	24.85
17265	P	150	0	1000	H	54.62 (3)	-40.64	-27.00	13.64

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 159 (F = 5795 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11590 (1)	P	150	0	1000	V	48.75 (2) (3)	-	74.00	25.25
17385	P	150	0	1000	V	54.62 (3)	-40.64	-27.00	13.64

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-1 – mode 802.11ac – Bandwidth: 80 MHz

Sample N° 1 Channel 42 (F = 5210 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10420	P	150	94	1000	V	50.23	-45.03	-27.00	18.03
15630 (1)	P	150	0	1000	V	55.49 (3)	-	74.00	18.51
15630 (1)	P	150	0	1000	V	44.50 (2)	-	54.00	9.50

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-2A – mode 802.11ac – Bandwidth: 80 MHz

Sample N° 1 Channel 58 (F = 5290 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
10580	P	150	0	1000	V	49.17	-46.09	-27.00	19.09
15870 (1)	P	150	0	1000	V	55.27 (3)	-	74.00	18.73
15870 (1)	P	150	0	1000	V	44.10 (2)	-	54.00	9.90

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) Duty-Factor included

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-2C – mode 802.11ac – Bandwidth: 80 MHz

Sample N° 1 Channel 106 (F = 5530 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dB μ V/m)	Field strength Computed at 3 m (dBm)	Limits (dB μ V/m) or (dBm)	Margin (dB)
11060 (1)	P	150	0	1000	V	47.57 (2 & 3)	-	74.00	26.43
16590	P	150	0	1000	V	55.27 (3)	-39.99	-27.00	12.99

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dB μ V/m)

(3) Noise floor

EIRP (dBm) = E (dB μ V/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 122 (F = 5610 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dB μ V/m)	Field strength Computed at 3 m (dBm)	Limits (dB μ V/m) or (dBm)	Margin (dB)
11220 (1)	P	150	0	1000	V	48.36 (2)	-	74.00	25.64
16830	P	150	0	1000	V	55.34 (3)	-39.92	-27.00	12.92

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dB μ V/m)

(3) Noise floor

EIRP (dBm) = E (dB μ V/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Sample N° 1 Channel 138 (F = 5690 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11380 (1)	P	150	0	1000	V	49.64 (2)	-	74.00	24.36
17070	P	150	0	1000	V	54.38 (3)	-40.88	-27.00	13.88

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Band U-NII-3 – mode 802.11ac – Bandwidth: 80 MHz

Sample N° 1 Channel 155 (F = 5775 MHz) – Mode 802.11ac

Frequencies (MHz)	Detector P QP Av	Antenna height (cm)	Azimuth (degree)	RBW (kHz)	Polarization H: Horizontal V: Vertical	Field strength Measured at 3 m (dBμV/m)	Field strength Computed at 3 m (dBm)	Limits (dBμV/m) or (dBm)	Margin (dB)
11550 (1)	P	150	0	1000	V	49.03 (2)	-	74.00	24.97
17325	P	150	0	1000	V	55.10 (3)	-40.16	-27.00	13.16

P= Peak, QP=Quasi-peak, Av=Average

(1) Restricted bands of operation in 15.205

(1) Restricted bands of operation as defined in Table 6 of RSS-Gen

(2) The peak level is lower than the average limit (54 dBμV/m)

(3) Noise floor

EIRP (dBm) = E (dBμV/m) + 20 log (D) - 104.8; where D is the measurement distance in meters and antenna Gain (considered 0 dBi).

Not any spurious has been detected and any spurious which has more than 20 dB of margin compared to the applicable limit is not necessarily reported.

Applicable limits in the restricted band:

- for $9 \text{ kHz} \leq F \leq 490 \text{ kHz}$: $2400/F(\text{kHz})$ at 300 meters
- for $490 \text{ kHz} < F \leq 1.705 \text{ MHz}$: $24000/F(\text{kHz})$ at 30 meters
- for $1.705 \text{ MHz} < F \leq 30 \text{ MHz}$: $29.5 \text{ dB}\mu\text{V/m}$ at 30 meters
- for $30 \text{ MHz} < F \leq 88 \text{ MHz}$: $40 \text{ dB}\mu\text{V/m}$ at 3 meters
- for $88 \text{ MHz} < F \leq 216 \text{ MHz}$: $43.5 \text{ dB}\mu\text{V/m}$ at 3 meters
- for $216 \text{ MHz} < F \leq 960 \text{ MHz}$: $46 \text{ dB}\mu\text{V/m}$ at 3 meters
- Above 960 MHz : $54 \text{ dB}\mu\text{V/m}$ at 3 meters

Applicable limits in non the restricted band:

- UNII-1: below UNII-1 and above UNII-2A: -27 dBm / MHz
 - And 26 dB below the channel power for frequencies in UNII-2A
- UNII-2A: -27 dBm / MHz
- UNII-2C: -27 dBm / MHz
 - And for device with overlapping the band edge of 5725 MHz : -27 dBm at 5850 MHz
- UNII-3: for $\pm 75 \text{ MHz}$ from the band: spectrum mask
 - Above $\pm 75 \text{ MHz}$ from the band edges: -27 dBm / MHz

Test conclusion:

RESPECTED STANDARD

13. CONDUCTED POWER SPECTRAL DENSITY

Temperature (°C) : 25

Humidity (%HR): 40

Date : October 2, 2025

Technician : B. VOVARD

Standard: FCC Part 15
RSS-247

Test procedure:

For FCC Part 15: 15.407 (a) (1) to a (3)

For RSS-247: paragraph 7.3

Method: paragraph II.F. and II.E.2 d) of KDB 789033 (method SA-2) *“trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction”*.

Test set up:

Conducted test

The measure is realized in conducted mode with an analyser and the following settings are used.

Bandwidth selected	20 MHz	
U-NII band	U-NII-1 U-NII-2A U-NII-2C	U-NII-3
Span	40 MHz	
RBW	1 MHz	500 kHz
VBW	3 MHz	3 MHz
Detector	RMS	
Points	10001	
Trace mode	Avg power	
Number of traces	At least 100	

Then the peak marker function is used.

Then the measure is adjusted with the duty cycle correction factor ($10\log(1/x)$ with x is the duty cycle).

Test operating condition of the equipment:

The equipment under test is blocked in continuous modulated transmission mode, at the highest output power level at which the transmitter is intended to operate in 802.11a, 802.11n and in 802.11ac.

Power source: 3.3 Vdc through a host equipment

Percentage of voltage variation during the test (%):

± 1

Results:

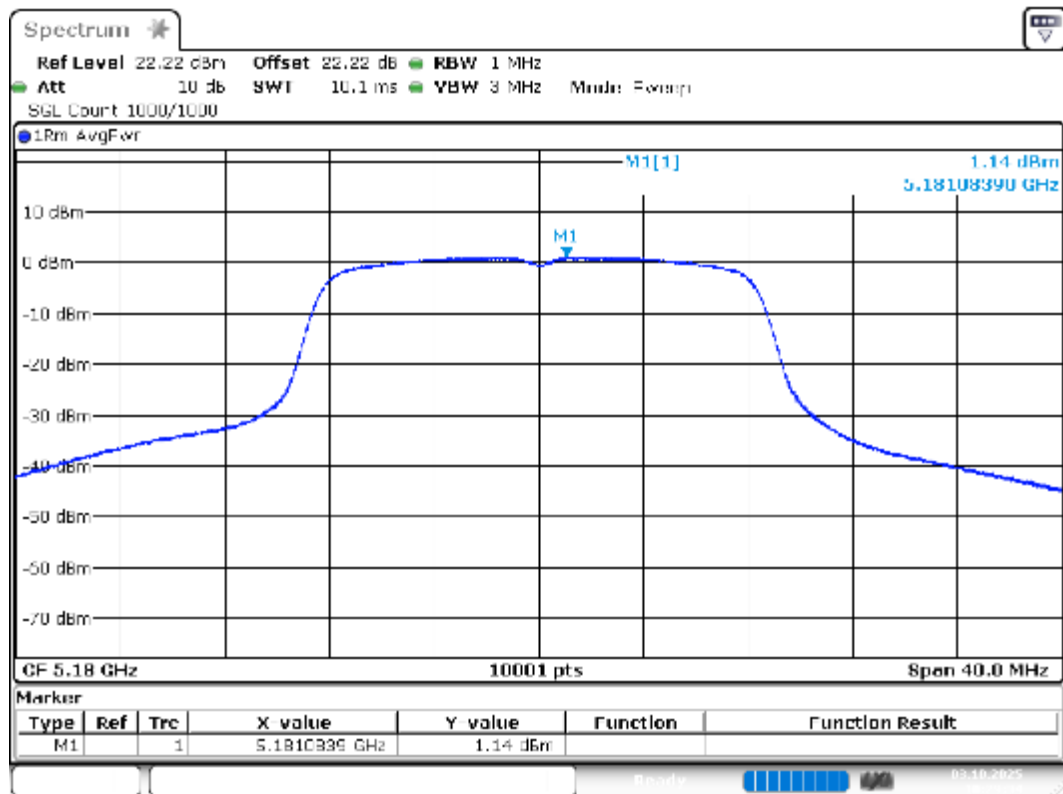
802.11a 20 MHz:

Sample N° 1 Channel 36 (F = 5180 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	1.339	US: 11 IC: 10

(1) duty cycle included

Declared maximum antenna gain: 0.89 dBi

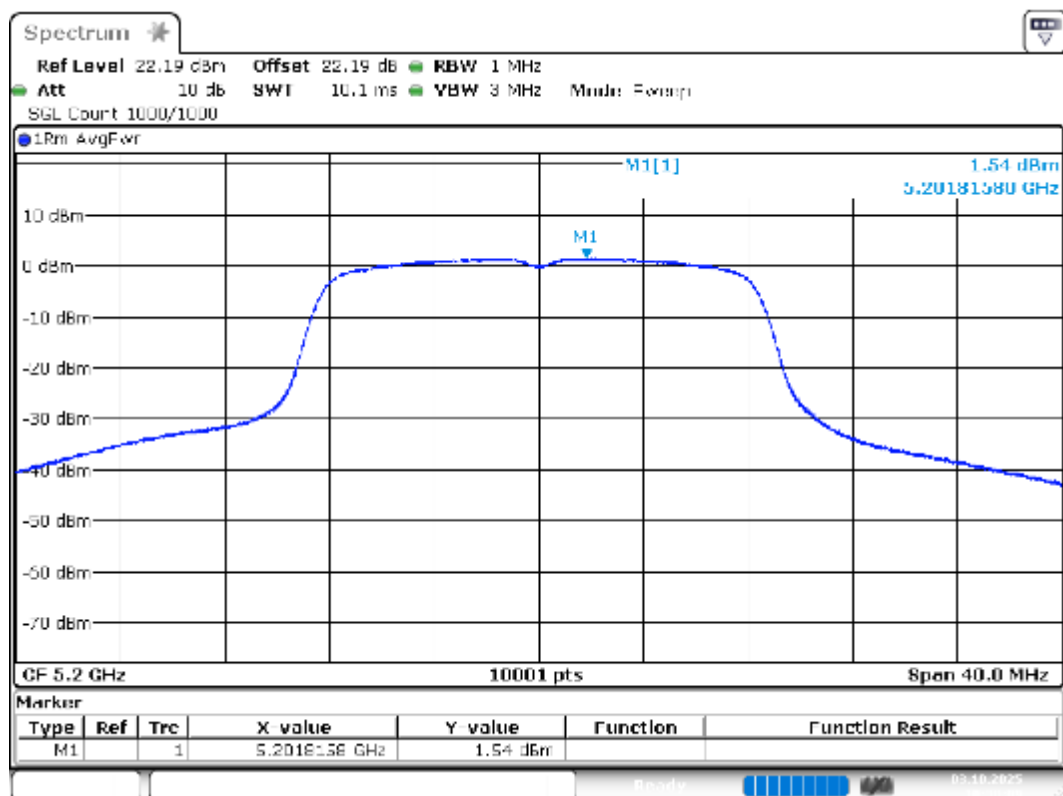


Sample N° 1 Channel 40 (F = 5200 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	1.739	US: 11 IC: 10

(1) duty cycle included

Declared maximum antenna gain: 0.74 dBi

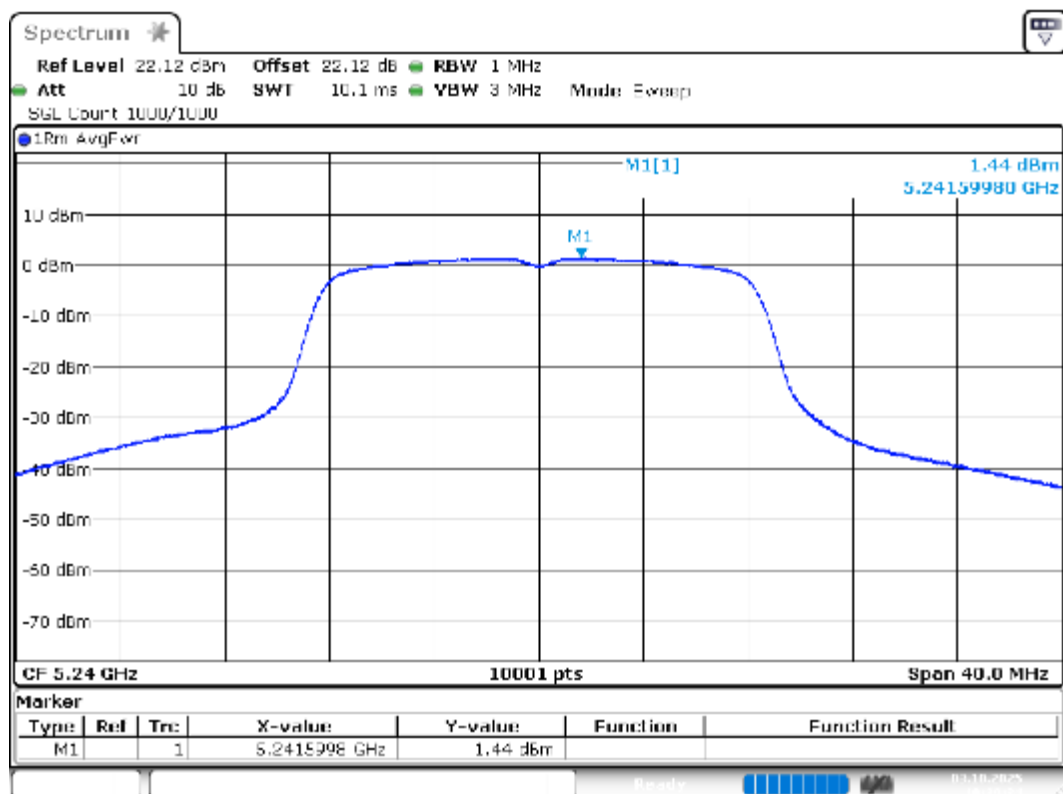


Sample N° 1 Channel 48 (F = 5240 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	1.639	US: 11 IC: 10

(1) duty cycle included

Declared maximum antenna gain: 0.56 dBi

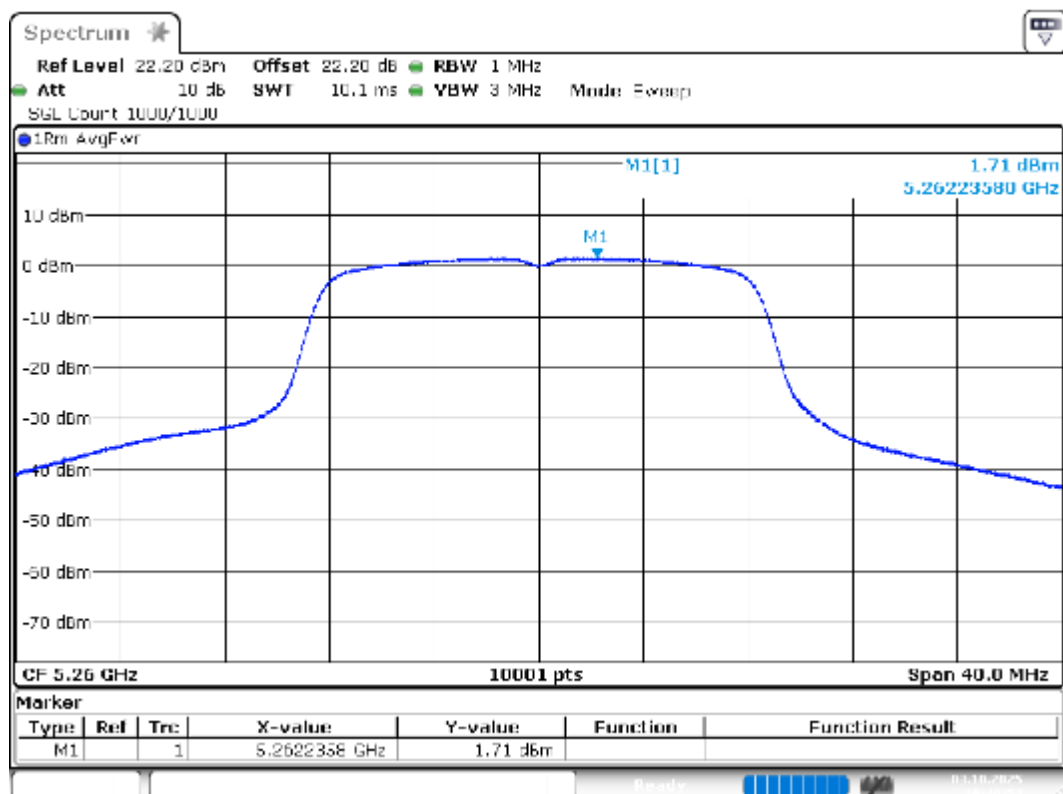


Sample N° 1 Channel 52 (F = 5260 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	1.909	11

(1) duty cycle included

Declared maximum antenna gain: 0.47 dBi

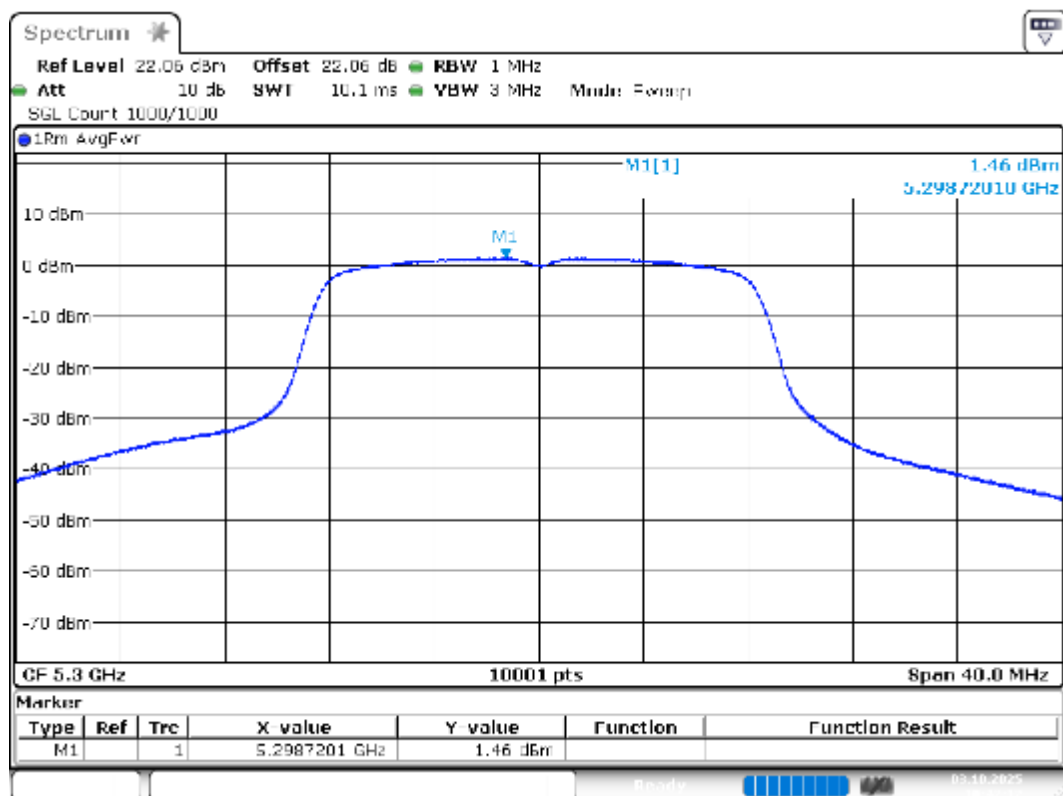


Sample N° 1 Channel 60 (F = 5300 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	1.659	11

(1) duty cycle included

Declared maximum antenna gain: 0.29 dBi

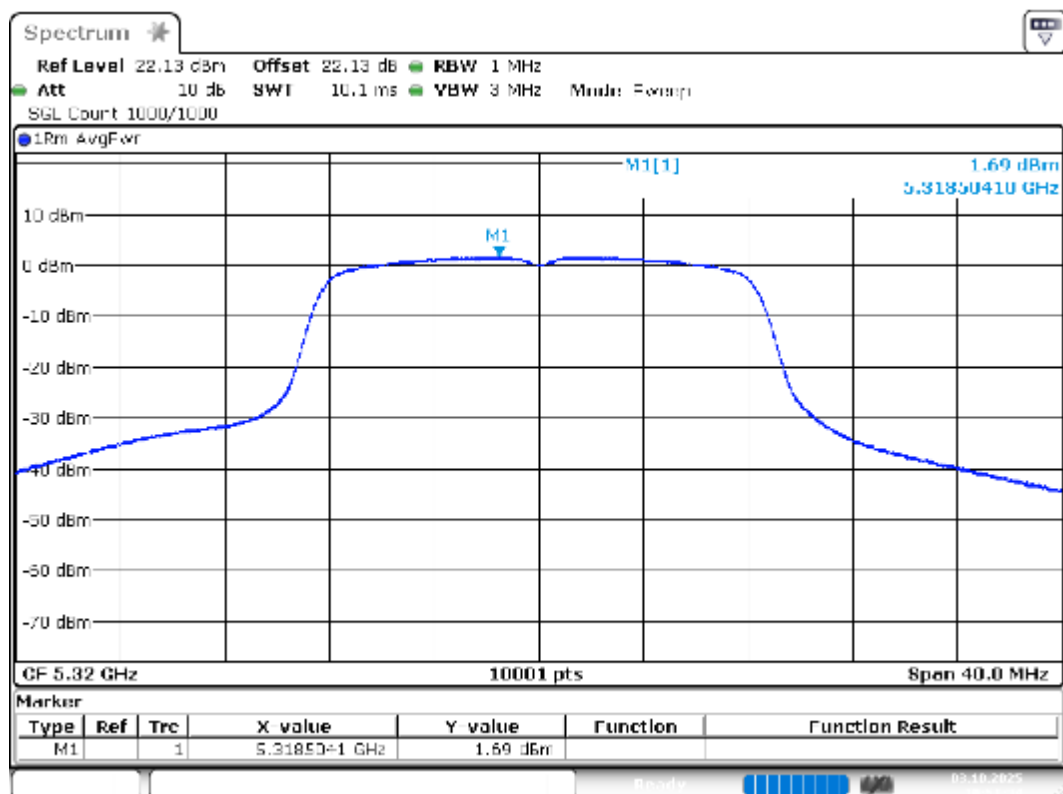


Sample N° 1 Channel 64 (F = 5320 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	1.889	11

(1) duty cycle included

Declared maximum antenna gain: 0.18 dBi

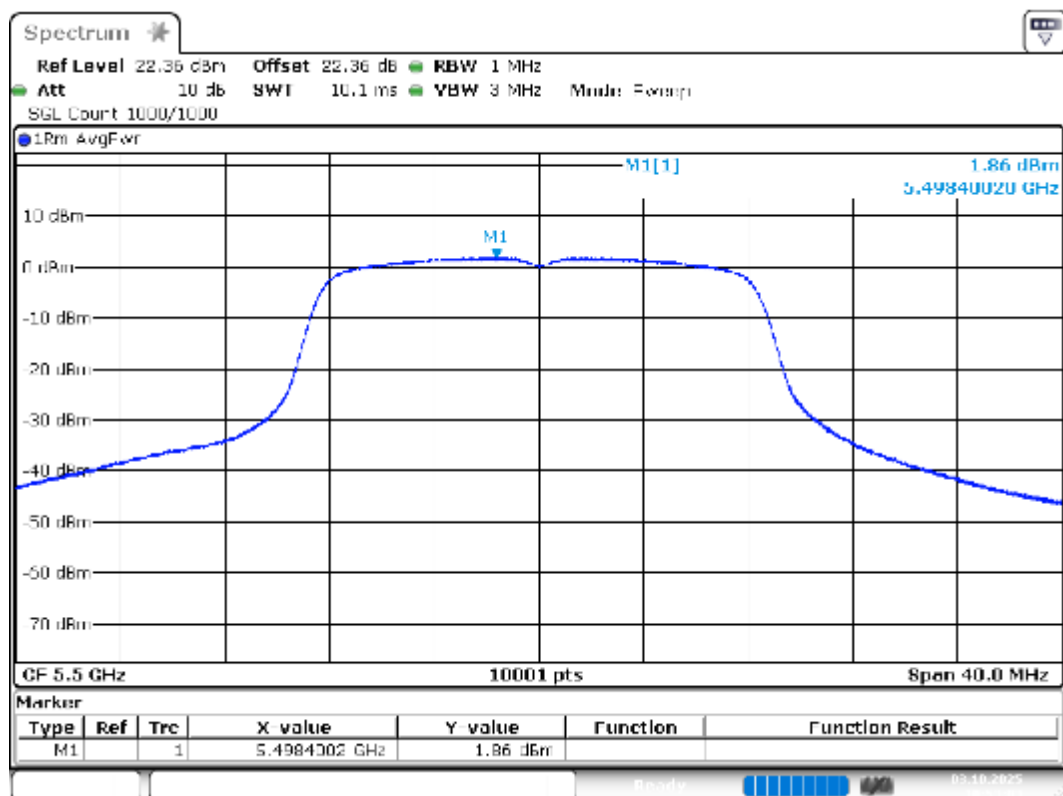


Sample N° 1 Channel 100 (F = 5500 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	2.059	11

(1) duty cycle included

Declared maximum antenna gain: -0.84 dBi

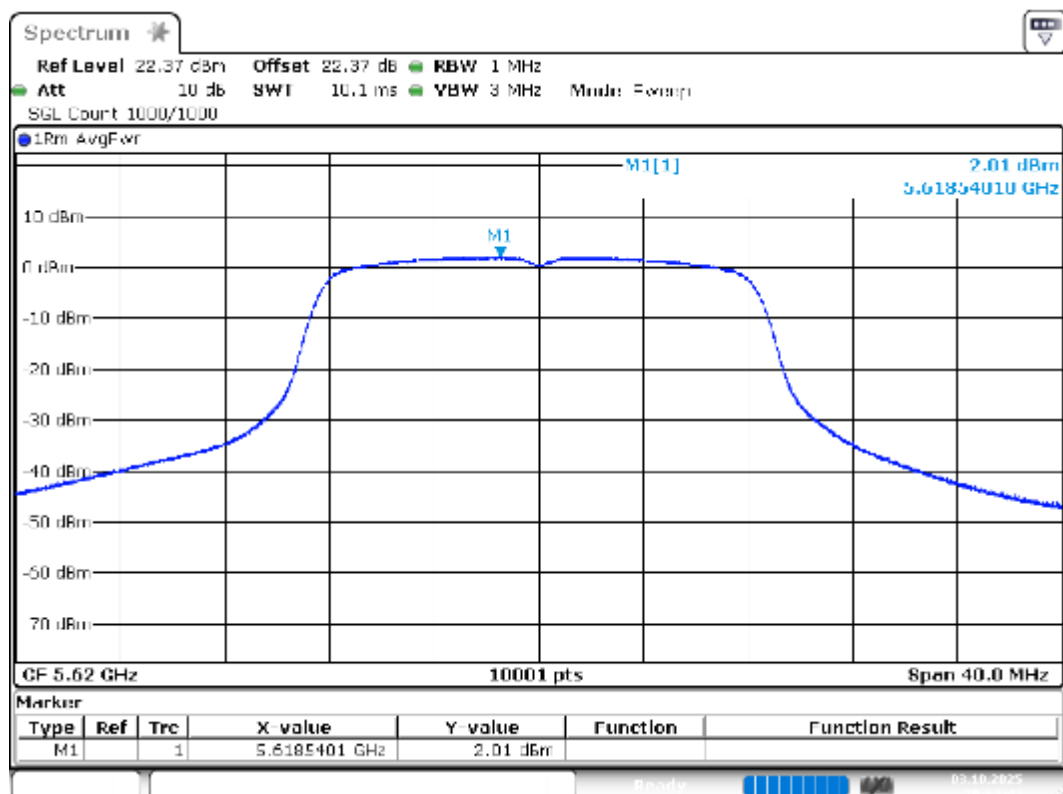


Sample N° 1 Channel 124 (F = 5620 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	2.209	11

(1) duty cycle included

Declared maximum antenna gain: -1.39 dBi

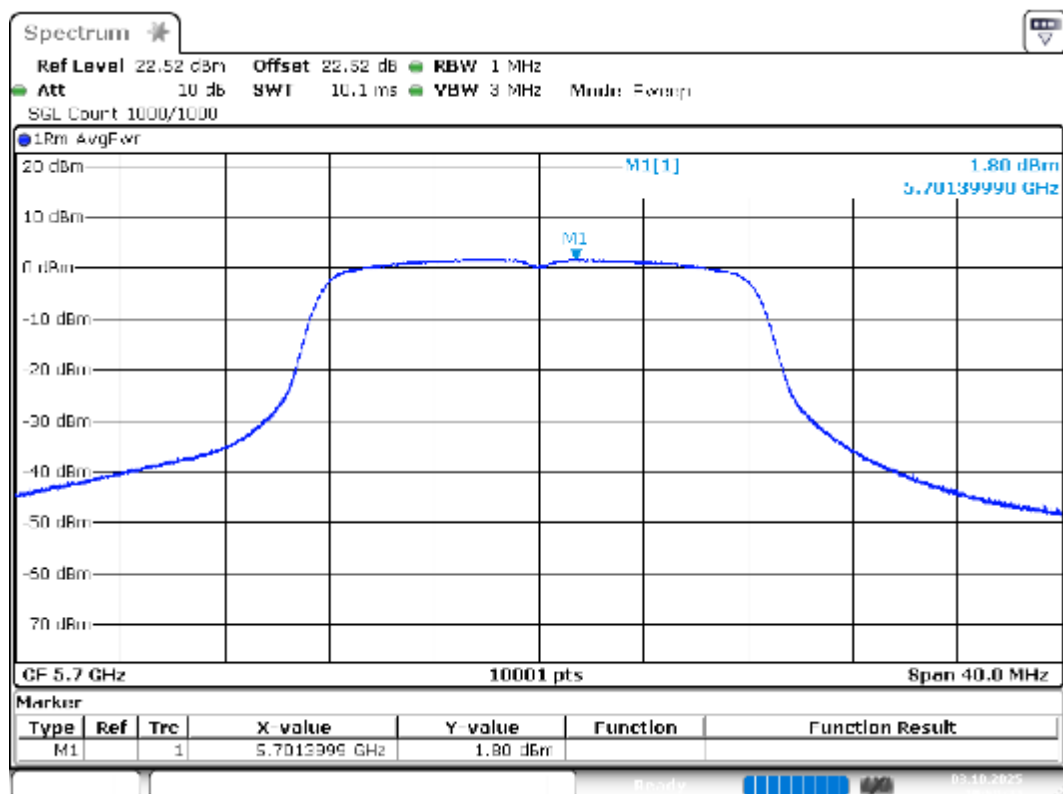


Sample N° 1 Channel 140 (F = 5700 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	1.999	11

(1) duty cycle included

Declared maximum antenna gain: -1.37 dBi

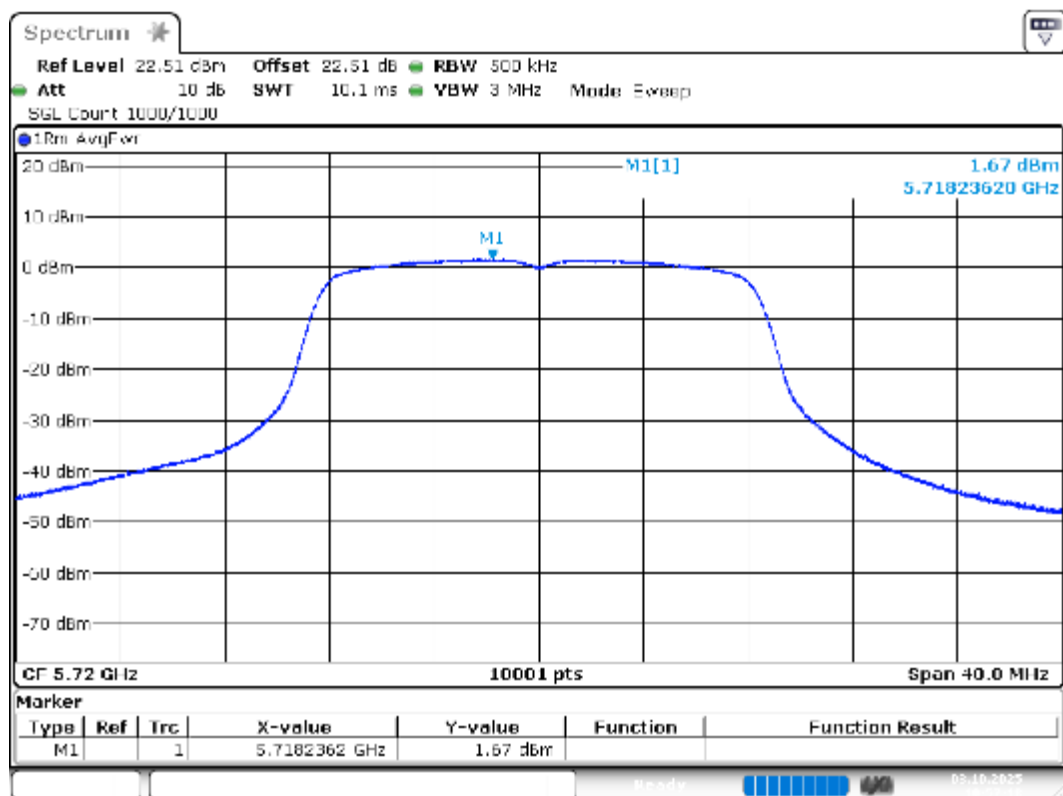


Sample N° 1 Channel 144 (F = 5720 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	1.869	30

(1) duty cycle included

Declared maximum antenna gain: -1.40 dBi

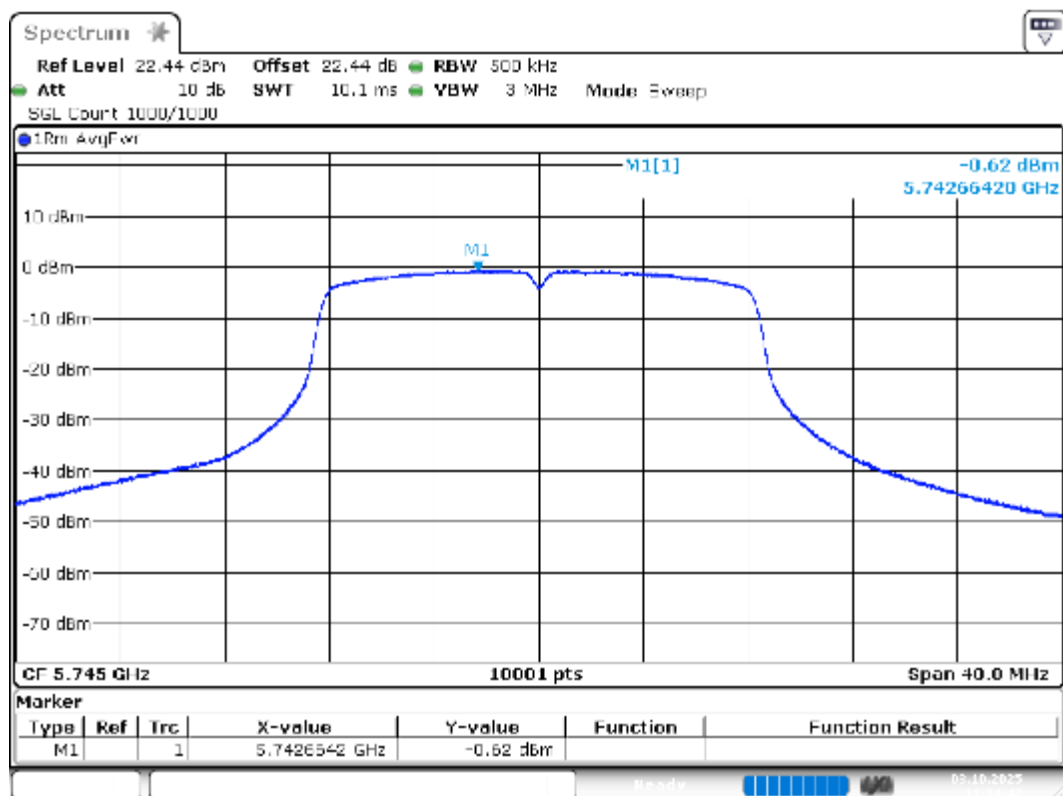


Sample N° 1 Channel 149 (F = 5745 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-0.421	30

(1) duty cycle included

Declared maximum antenna gain: -1.43 dBi

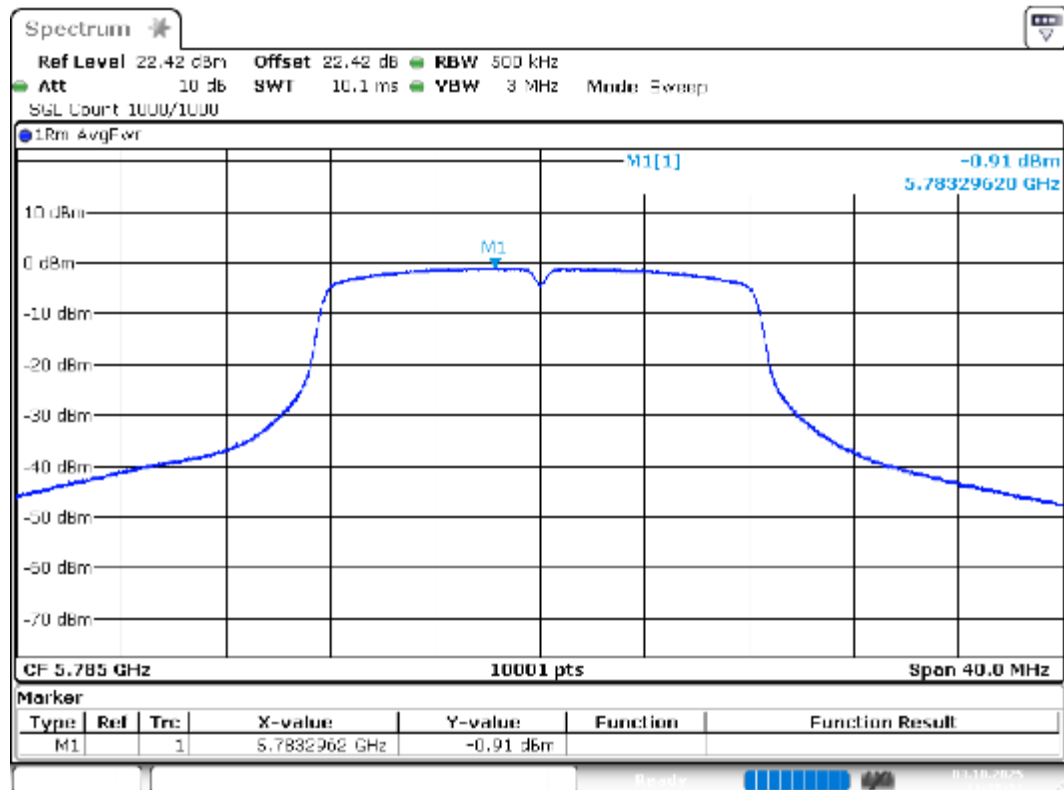


Sample N° 1 Channel 157 (F = 5785 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-0.711	30

(1) duty cycle included

Declared maximum antenna gain: -1.49 dBi

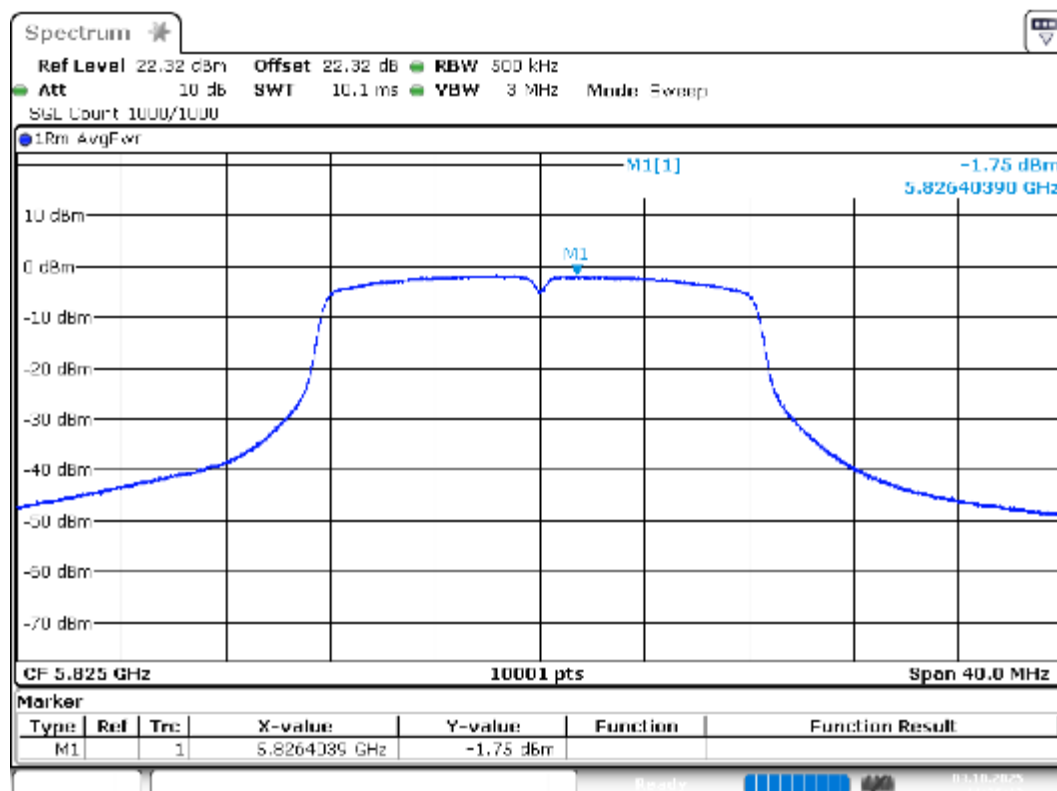


Sample N° 1 Channel 165 (F = 5825 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-1.551	30

(1) duty cycle included

Declared maximum antenna gain: -1.51 dBi



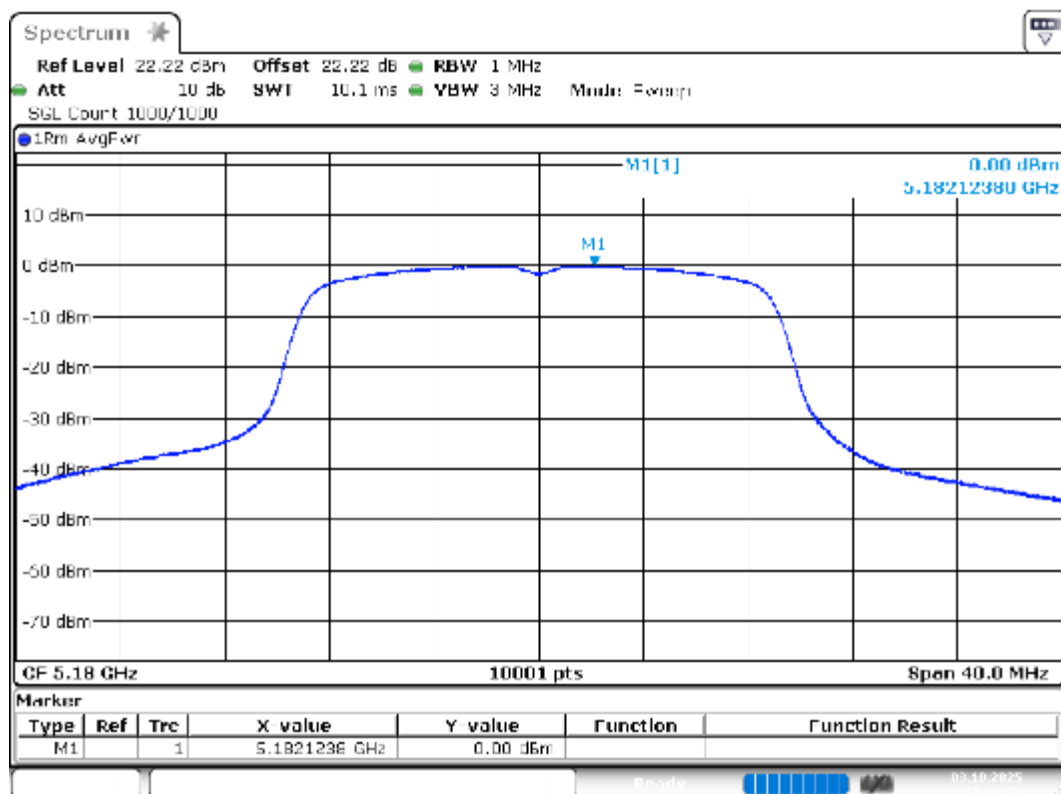
802.11n 20 MHz:

Sample N° 1 Channel 36 (F = 5180 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	0.182	US: 11 IC: 10

(1) duty cycle included

Declared maximum antenna gain: 0.89 dBi

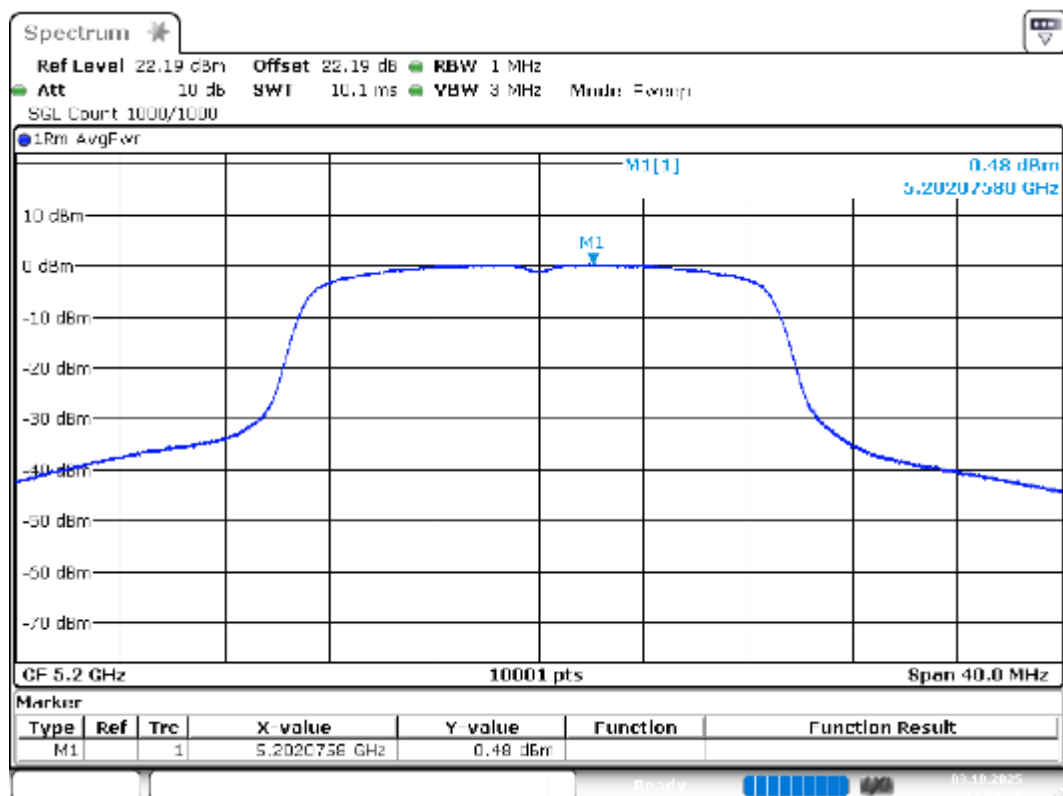


Sample N° 1 Channel 40 (F = 5200 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	0.662	US: 11 IC: 10

(1) duty cycle included

Declared maximum antenna gain: 0.74 dBi

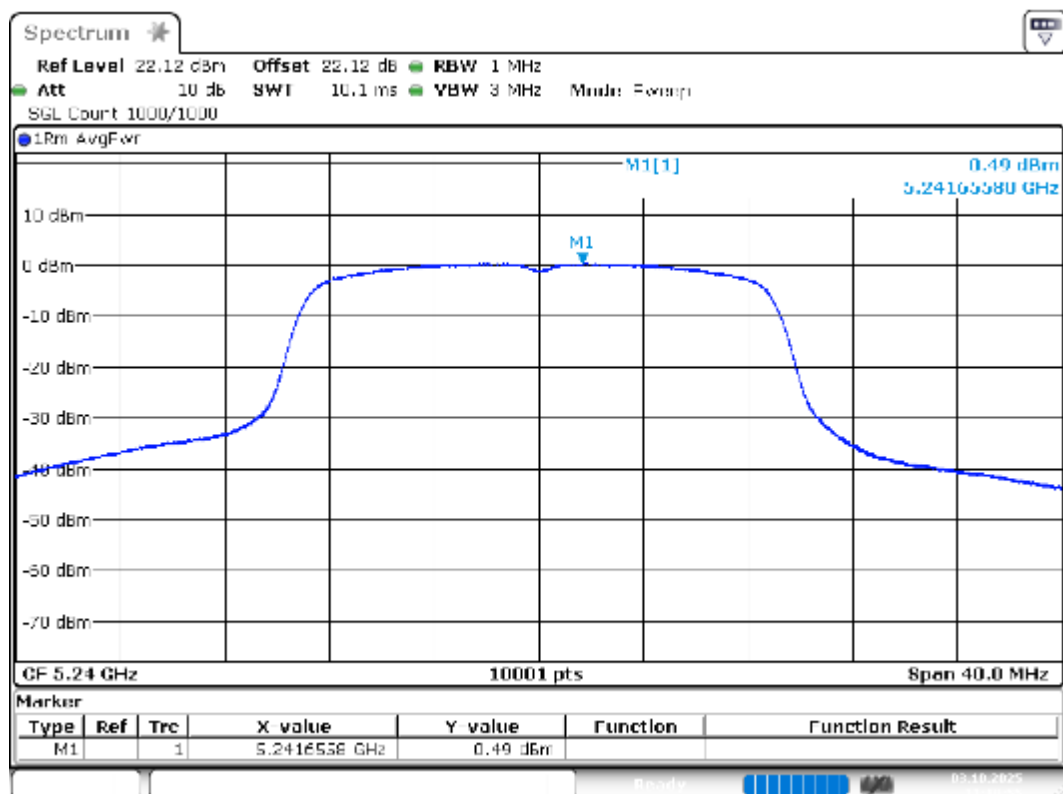


Sample N° 1 Channel 48 (F = 5240 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	0.672	US: 11 IC: 10

(1) duty cycle included

Declared maximum antenna gain: 0.56 dBi

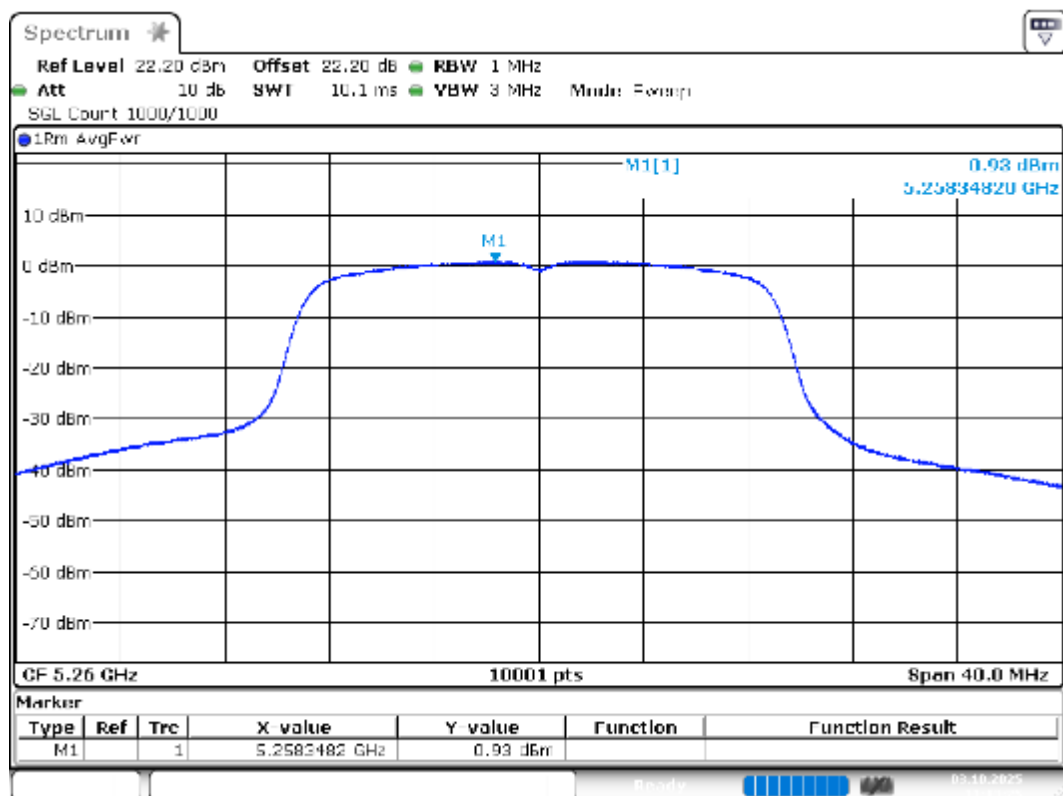


Sample N° 1 Channel 52 (F = 5260 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	1.112	11

(1) duty cycle included

Declared maximum antenna gain: 0.47 dBi

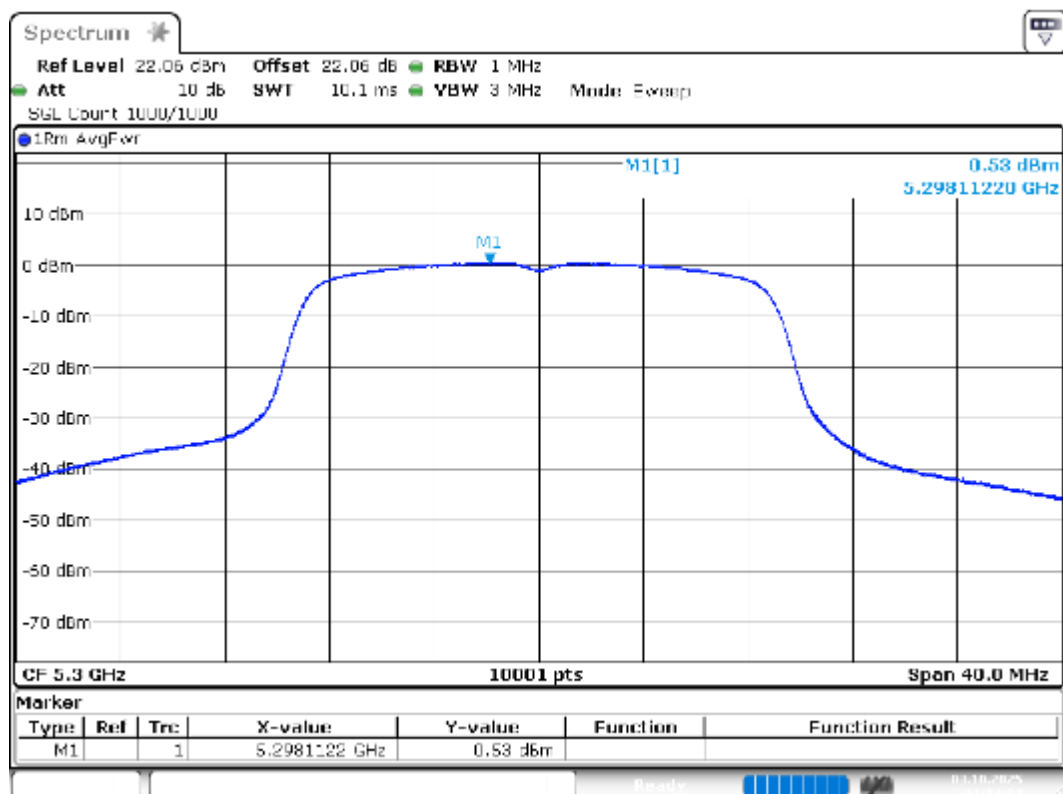


Sample N° 1 Channel 60 (F = 5300 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	0.712	11

(1) duty cycle included

Declared maximum antenna gain: 0.29 dBi

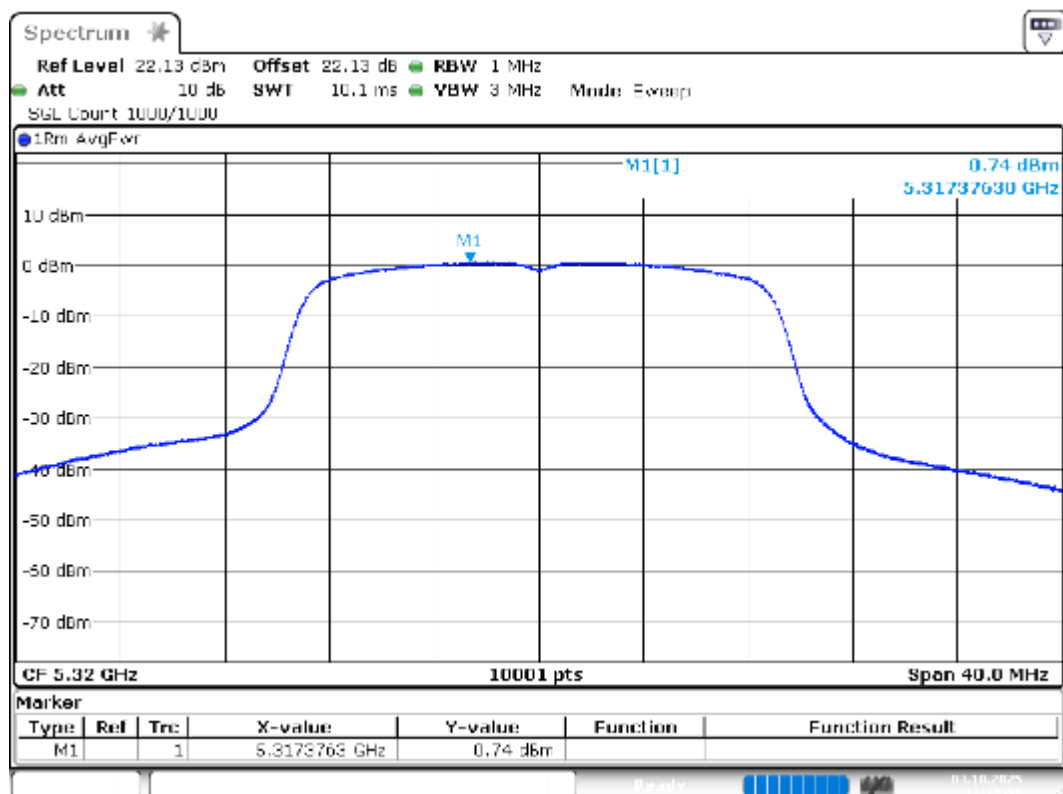


Sample N° 1 Channel 64 (F = 5320 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	0.922	11

(1) duty cycle included

Declared maximum antenna gain: 0.18 dBi

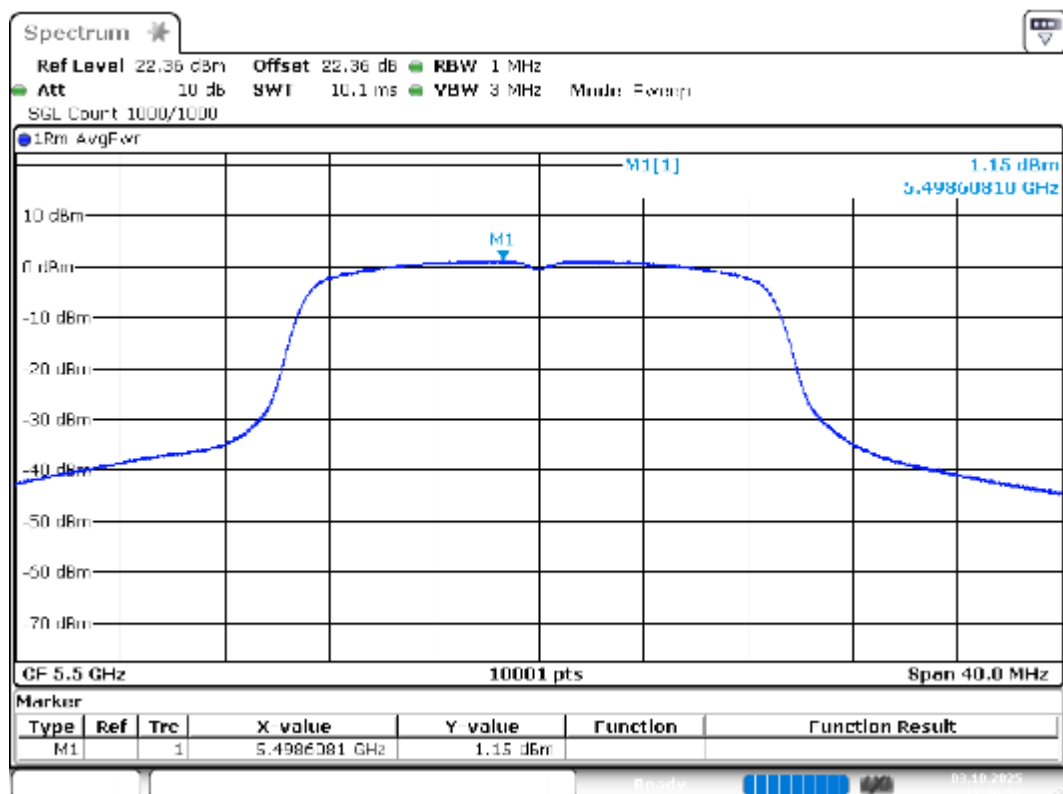


Sample N° 1 Channel 100 (F = 5500 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	1.332	11

(1) duty cycle included

Declared maximum antenna gain: -0.84 dBi

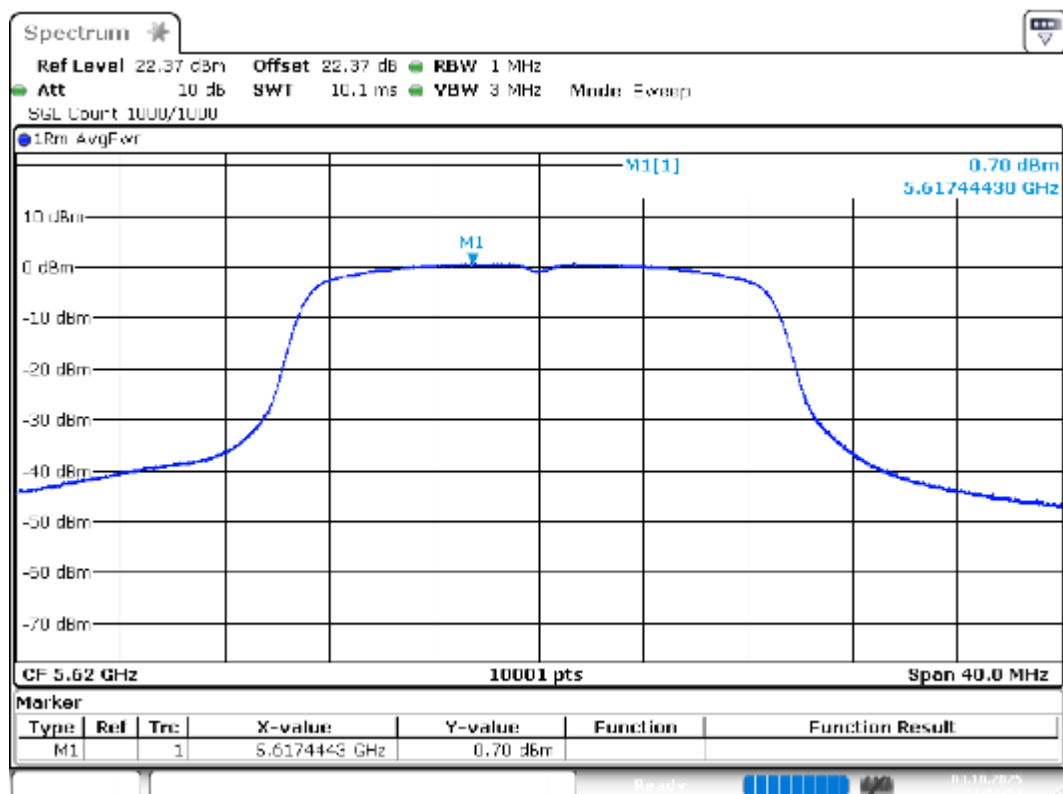


Sample N° 1 Channel 124 (F = 5620 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	0.882	11

(1) duty cycle included

Declared maximum antenna gain: -1.39 dBi

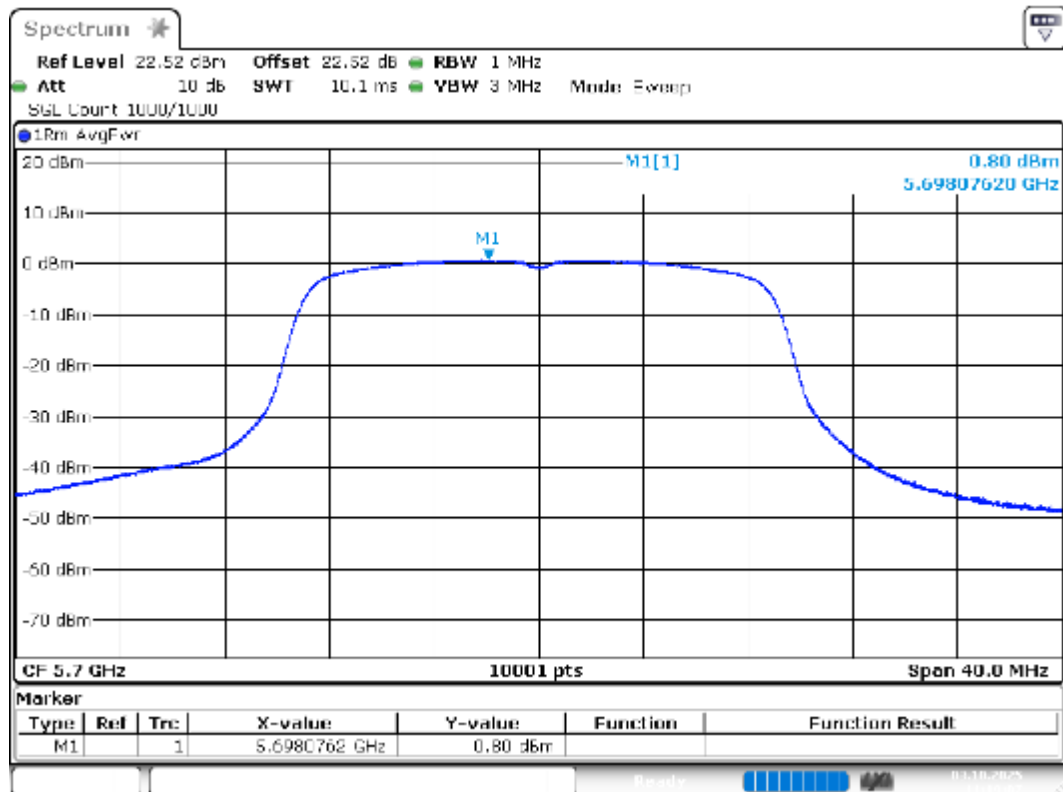


Sample N° 1 Channel 140 (F = 5700 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	0.982	11

(1) duty cycle included

Declared maximum antenna gain: -1.37 dBi

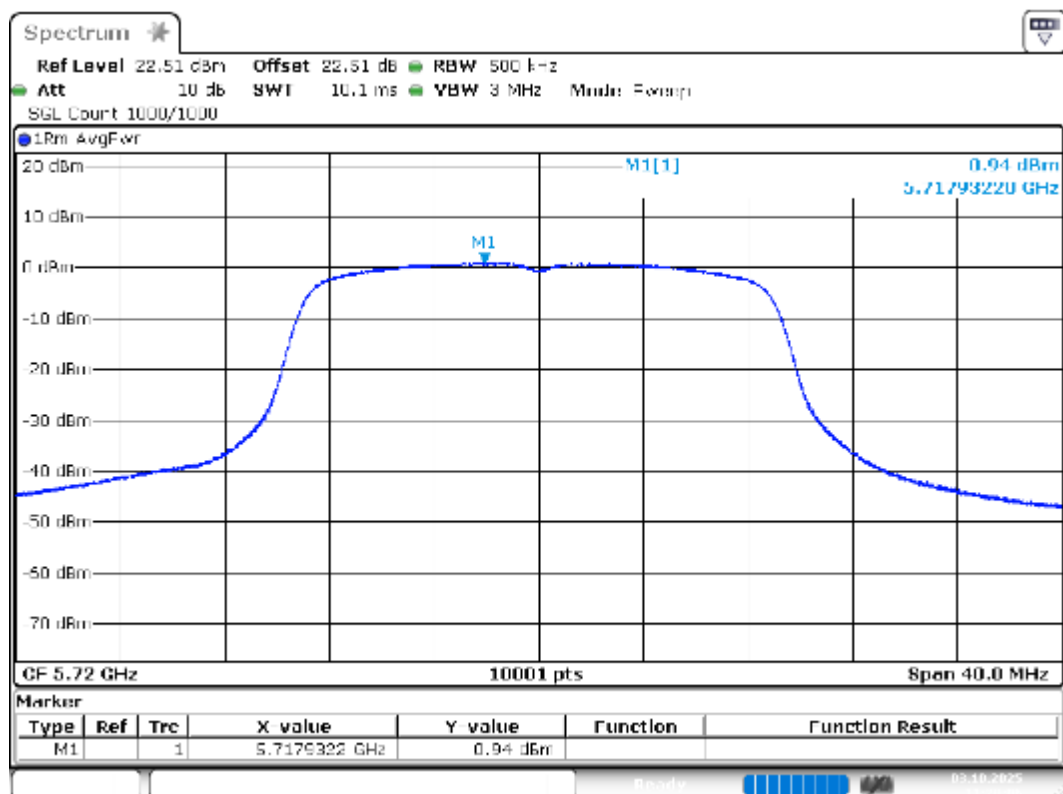


Sample N° 1 Channel 144 (F = 5720 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	1.122	30

(1) duty cycle included

Declared maximum antenna gain: -1.40 dBi

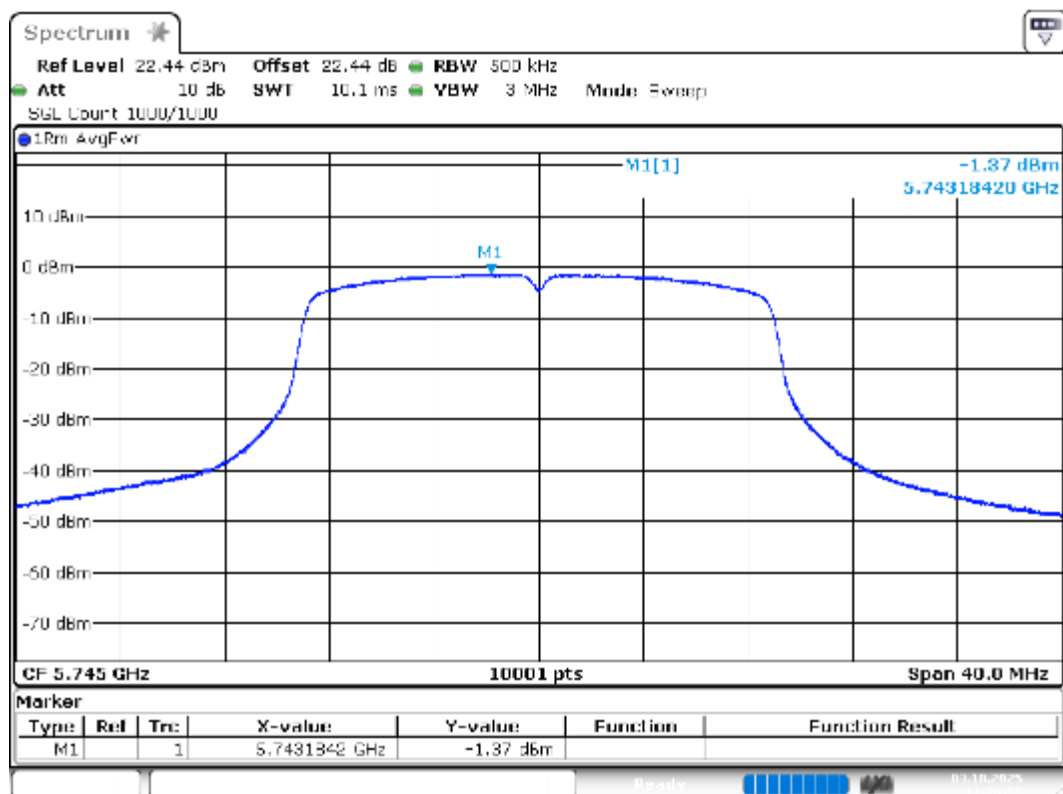


Sample N° 1 Channel 149 (F = 5745 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-1.188	30

(1) duty cycle included

Declared maximum antenna gain: -1.43 dBi

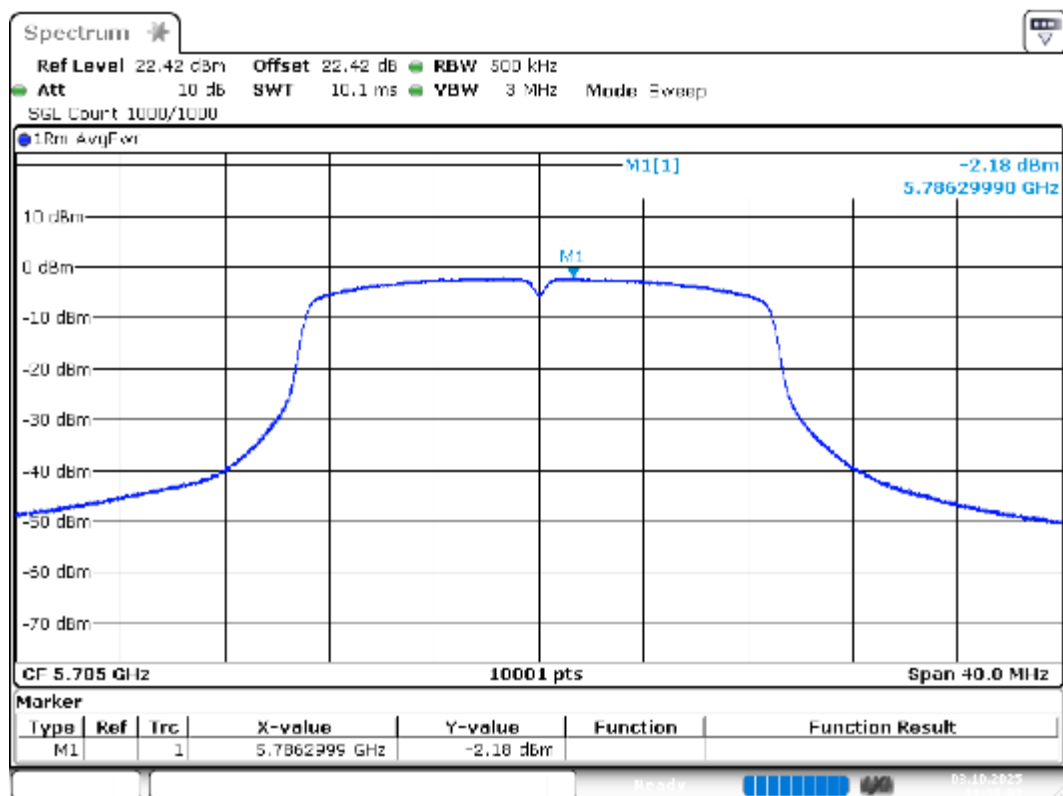


Sample N° 1 Channel 157 (F = 5785 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-1.998	30

(1) duty cycle included

Declared maximum antenna gain: -1.49 dBi

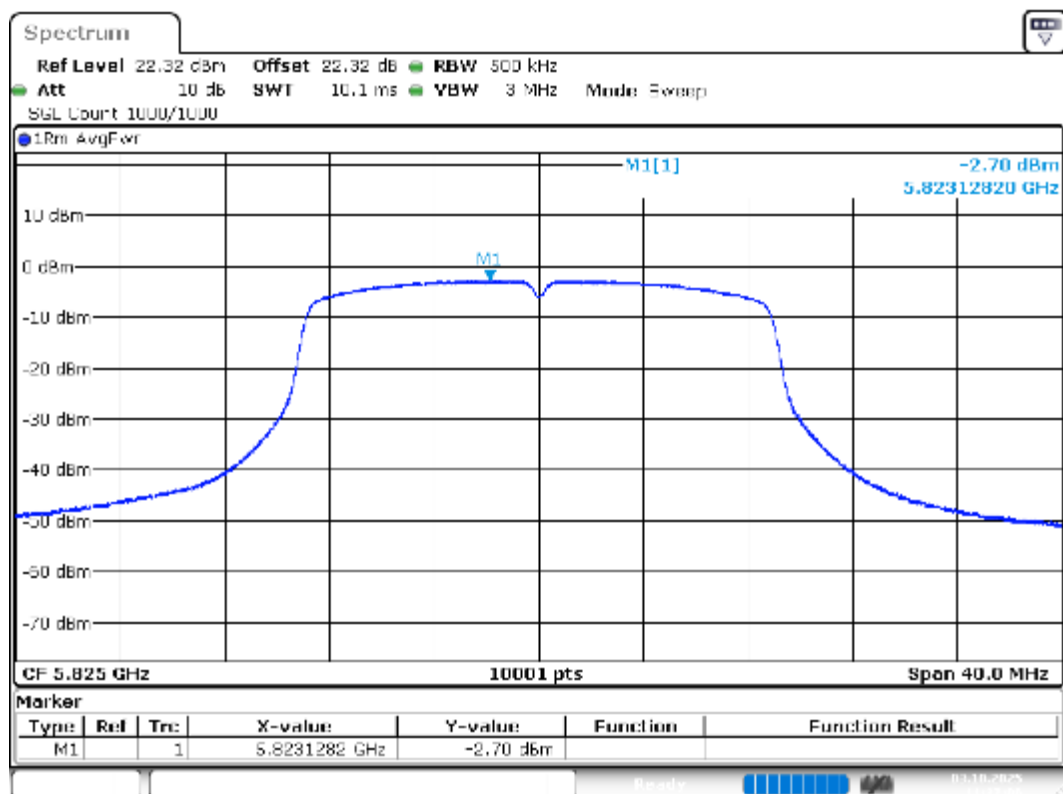


Sample N° 1 Channel 165 (F = 5825 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-2.518	30

(1) duty cycle included

Declared maximum antenna gain: -1.51 dBi



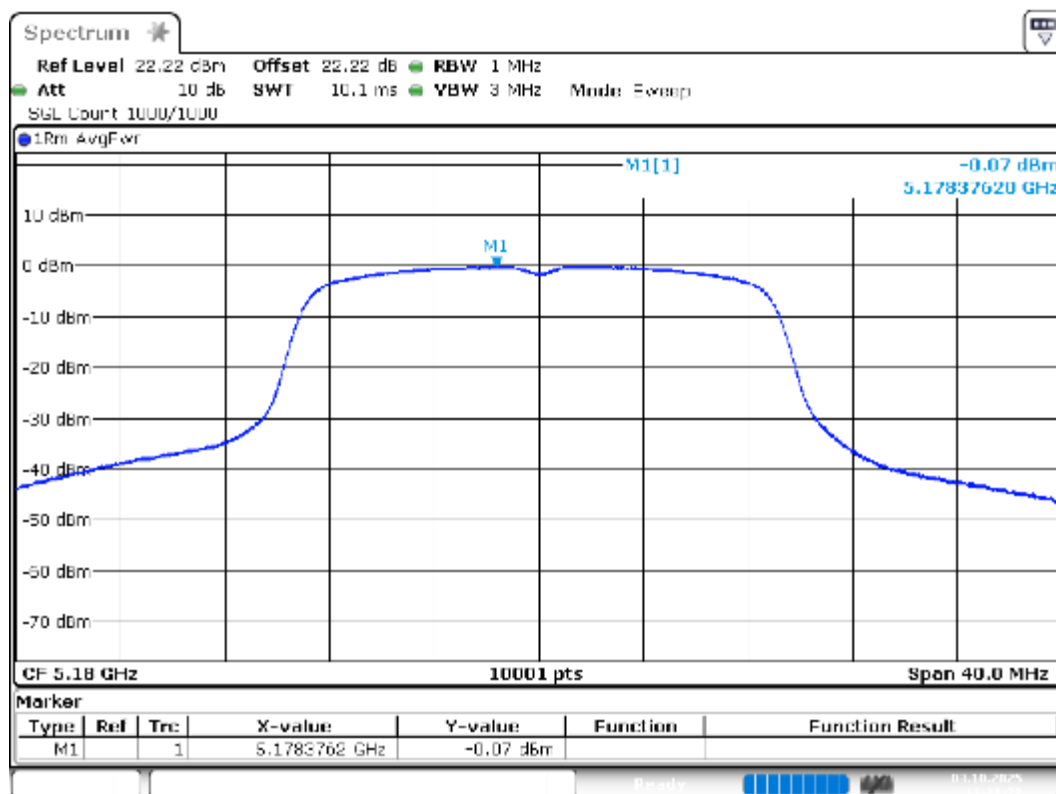
802.11ac 20 MHz:

Sample N° 1 Channel 36 (F = 5180 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	0.126	US: 11 IC: 10

(1) duty cycle included

Declared maximum antenna gain: 0.89 dBi

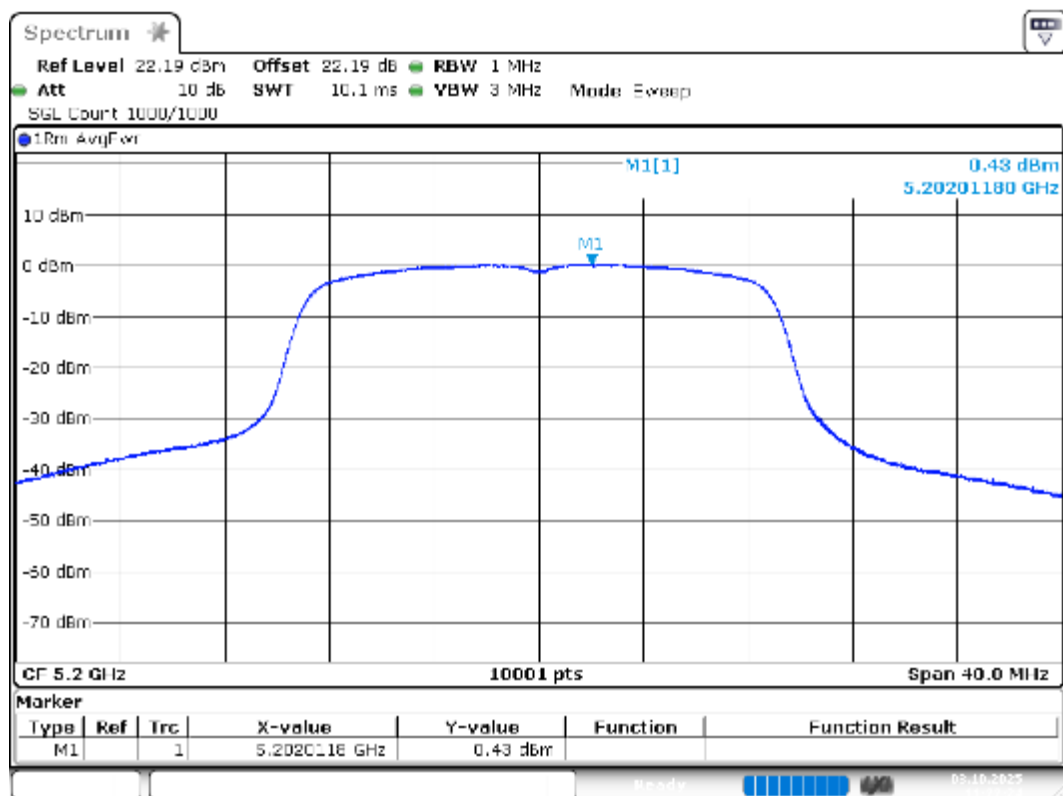


Sample N° 1 Channel 40 (F = 5200 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	0.626	US: 11 IC: 10

(1) duty cycle included

Declared maximum antenna gain: 0.74 dBi

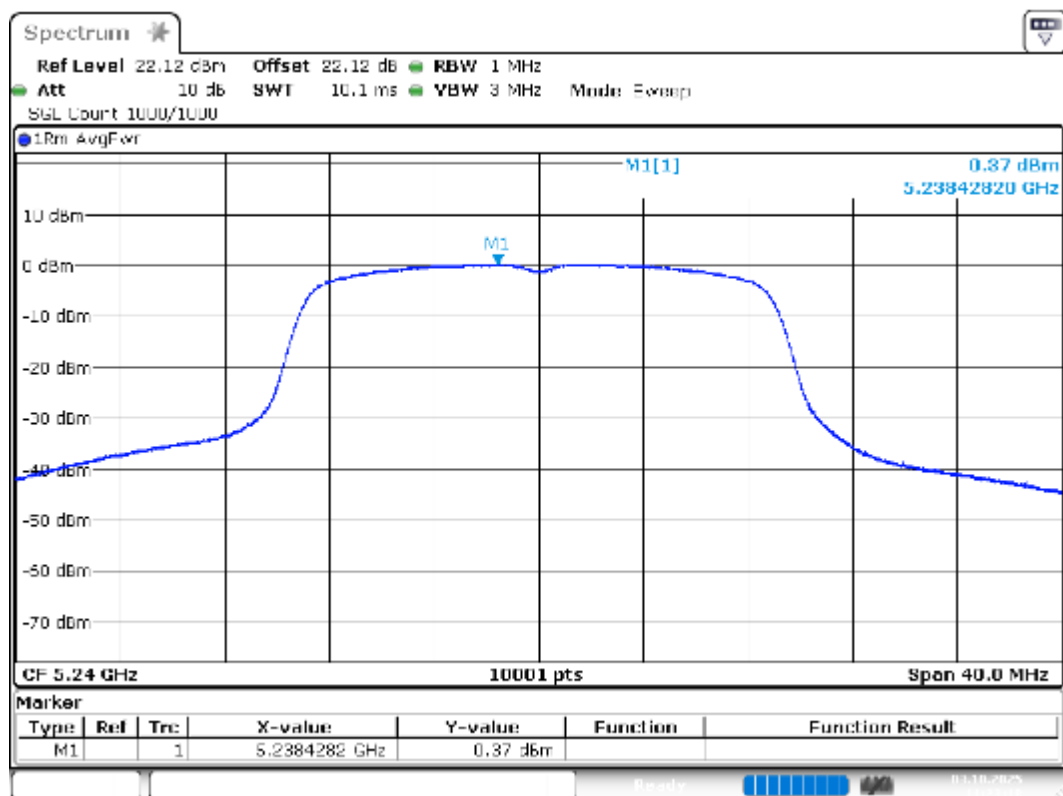


Sample N° 1 Channel 48 (F = 5240 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	0.566	US: 11 IC: 10

(1) duty cycle included

Declared maximum antenna gain: 0.56 dBi

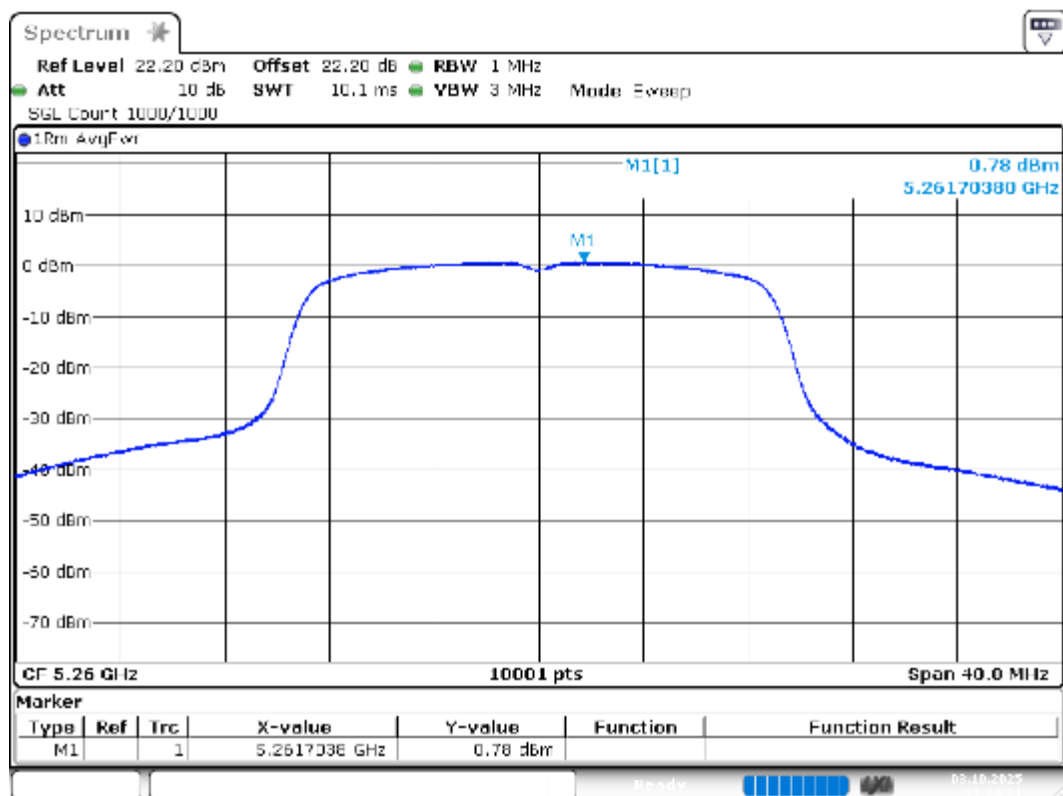


Sample N° 1 Channel 52 (F = 5260 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	0.976	11

(1) duty cycle included

Declared maximum antenna gain: 0.47 dBi

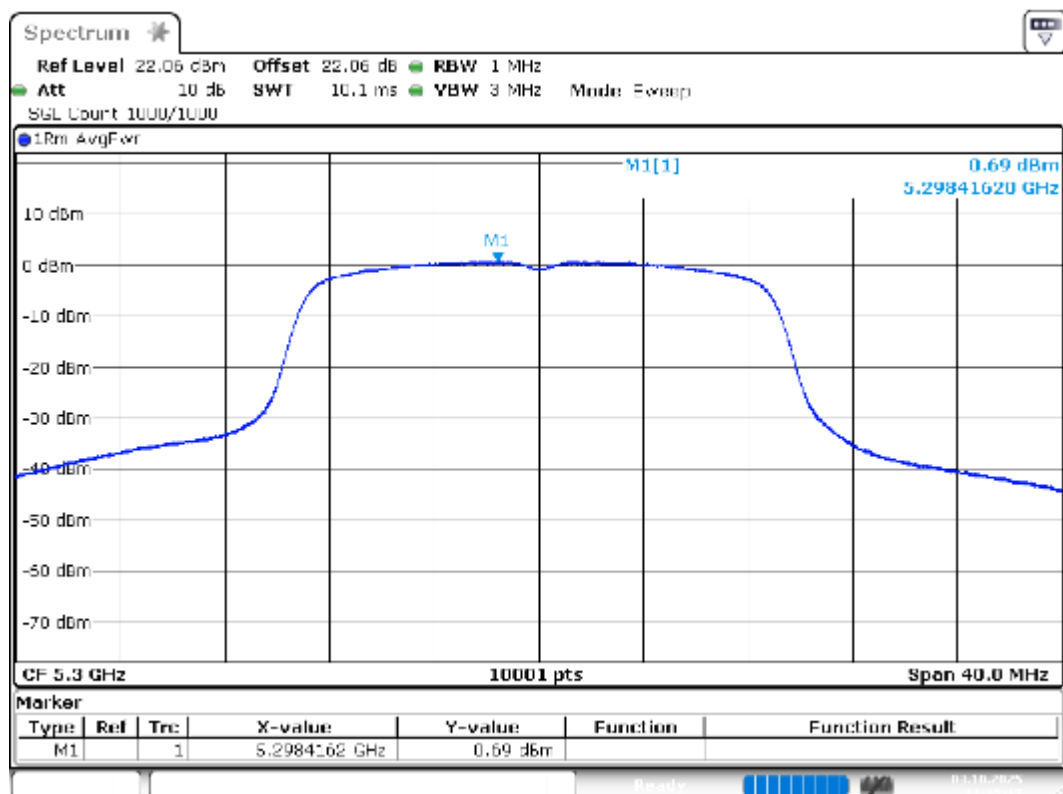


Sample N° 1 Channel 60 (F = 5300 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	0.886	11

(1) duty cycle included

Declared maximum antenna gain: 0.29 dBi

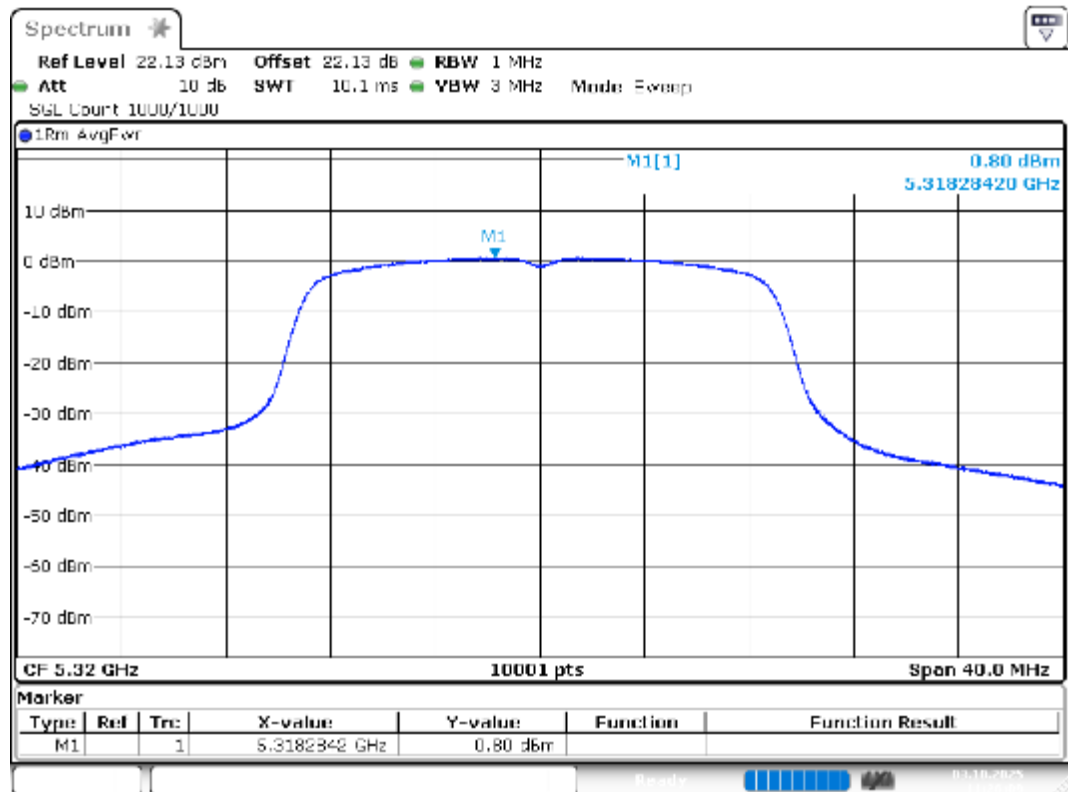


Sample N° 1 Channel 64 (F = 5320 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	0.996	11

(1) duty cycle included

Declared maximum antenna gain: 0.18 dBi

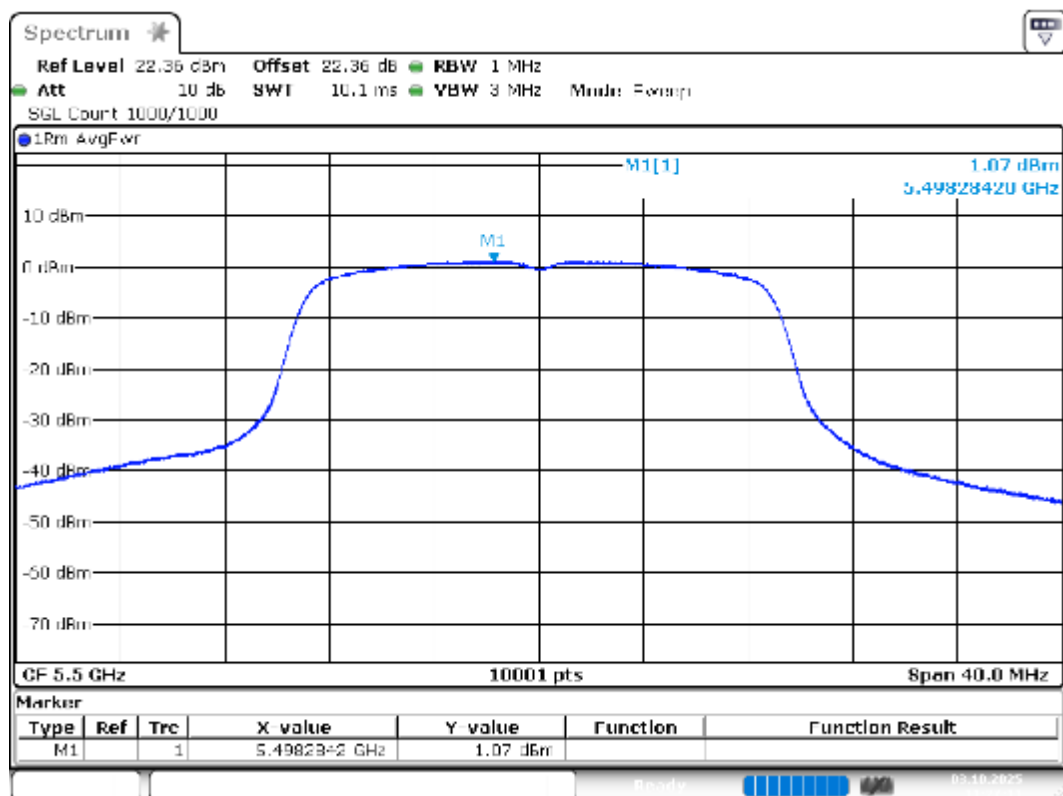


Sample N° 1 Channel 100 (F = 5500 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	1.266	11

(1) duty cycle included

Declared maximum antenna gain: -0.84 dBi

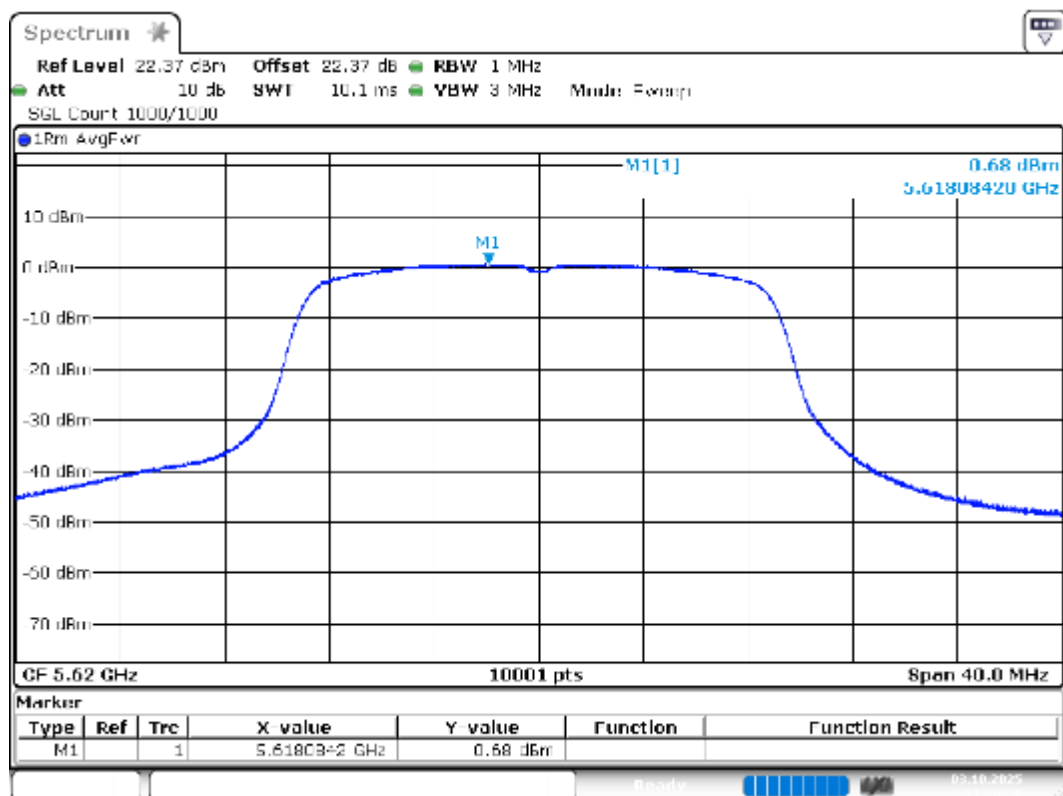


Sample N° 1 Channel 124 (F = 5620 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	0.876	11

(1) duty cycle included

Declared maximum antenna gain: -1.39 dBi

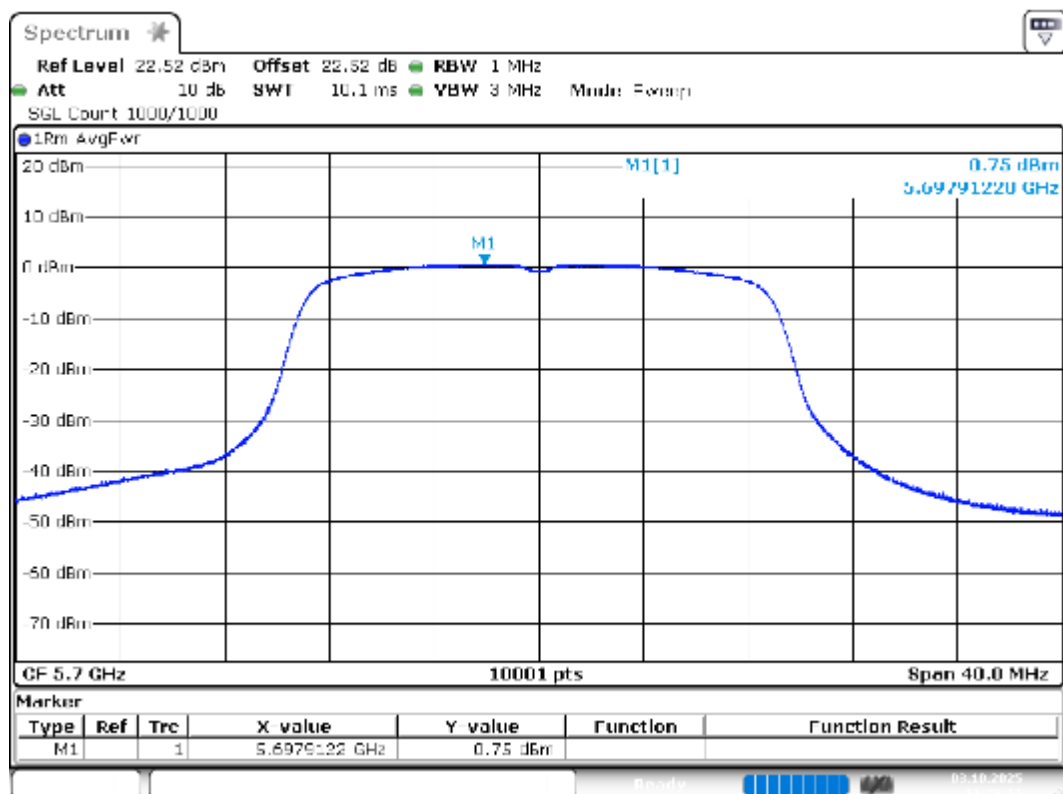


Sample N° 1 Channel 140 (F = 5700 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	0.946	11

(1) duty cycle included

Declared maximum antenna gain: -1.37 dBi

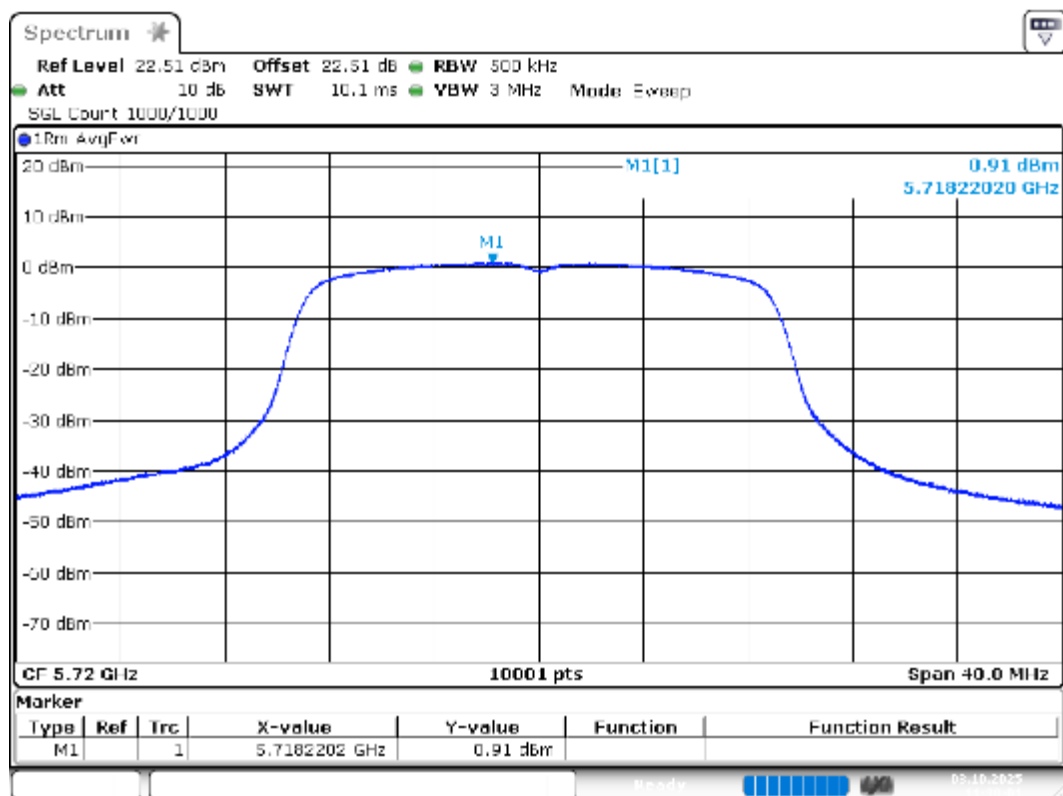


Sample N° 1 Channel 144 (F = 5720 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	1.106	30

(1) duty cycle included

Declared maximum antenna gain: -1.40 dBi

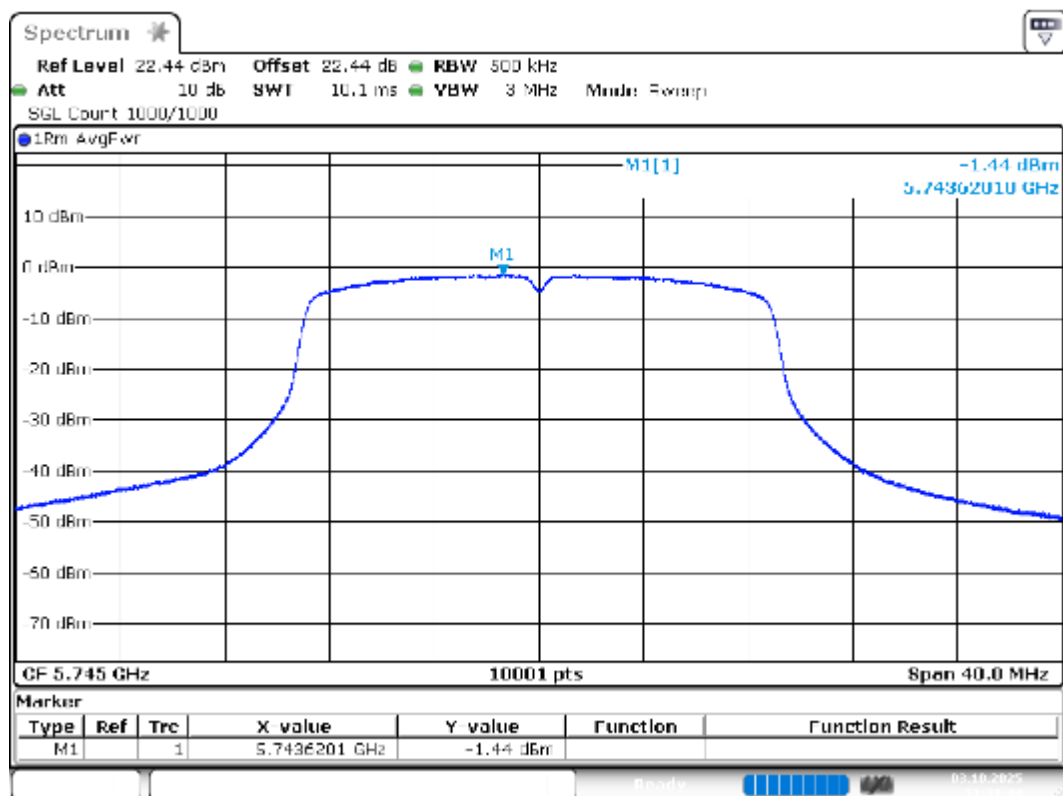


Sample N° 1 Channel 149 (F = 5745 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-1.244	30

(1) duty cycle included

Declared maximum antenna gain: -1.43 dBi

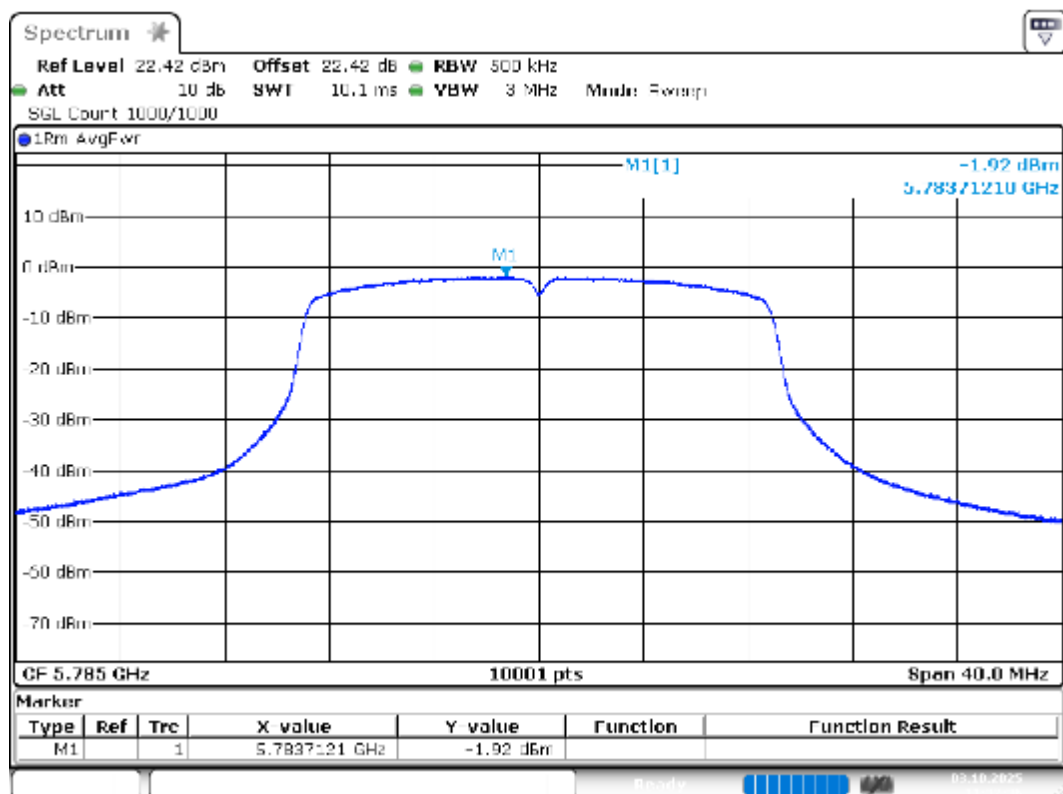


Sample N° 1 Channel 157 (F = 5785 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-1.724	30

(1) duty cycle included

Declared maximum antenna gain: -1.49 dBi

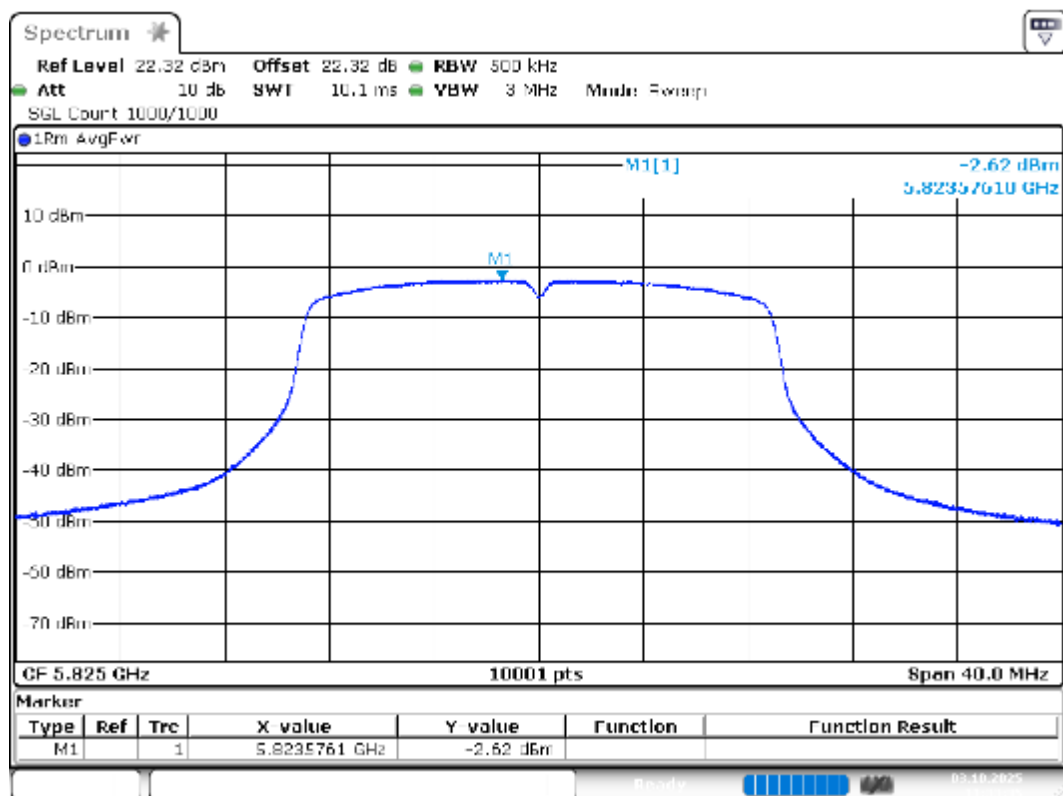


Sample N° 1 Channel 165 (F = 5825 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-2.424	30

(1) duty cycle included

Declared maximum antenna gain: -1.51 dBi



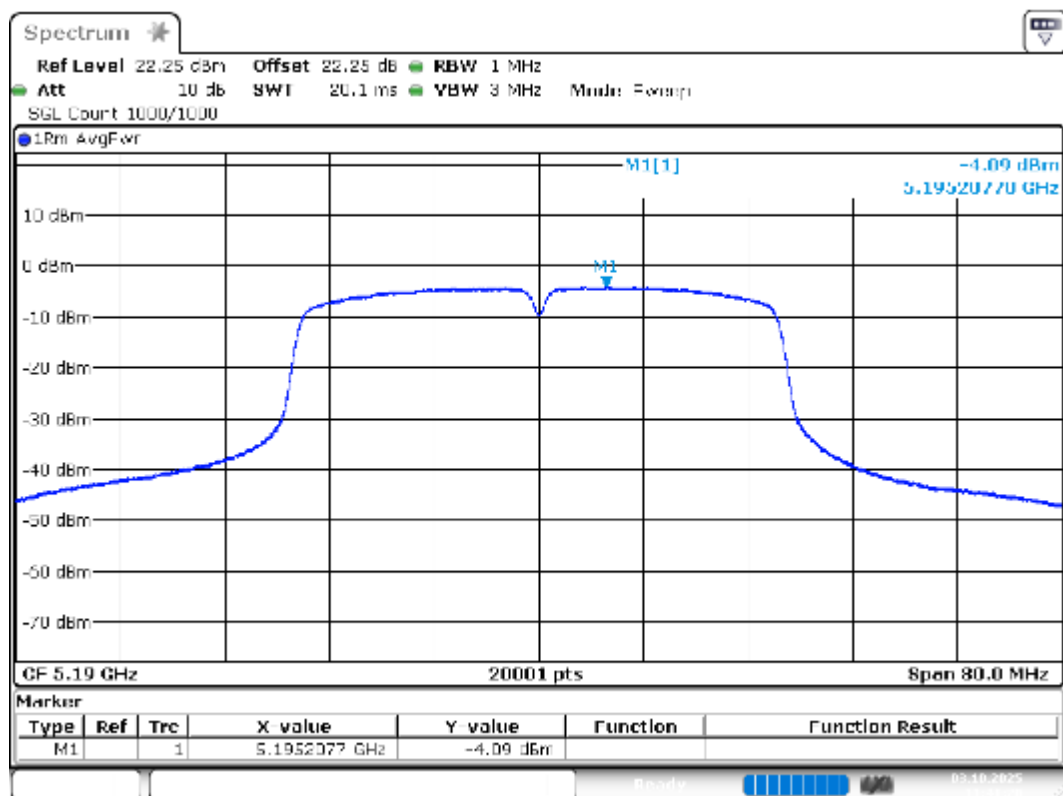
802.11n 40 MHz:

Sample N° 1 Channel 38 (F = 5190 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-3.678	US: 11 IC: 10

(1) duty cycle included

Declared maximum antenna gain: 0.82 dBi

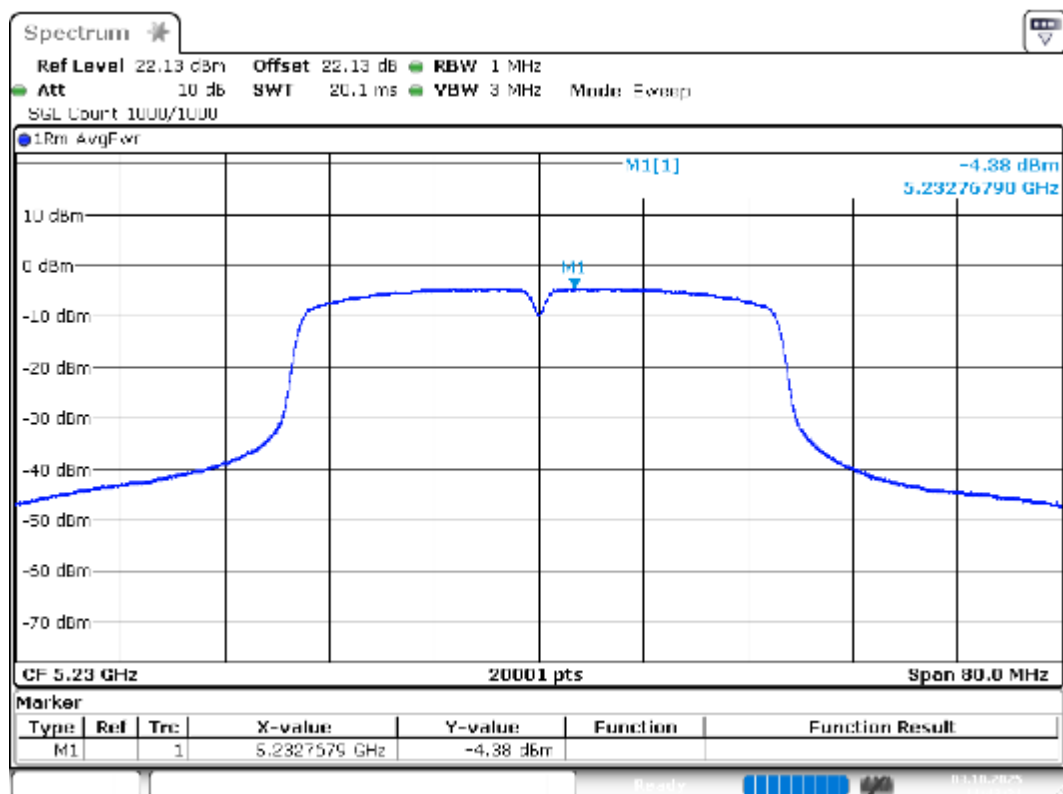


Sample N° 1 Channel 46 (F = 5230 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-3.968	US: 11 IC: 10

(1) duty cycle included

Declared maximum antenna gain: 0.61 dBi

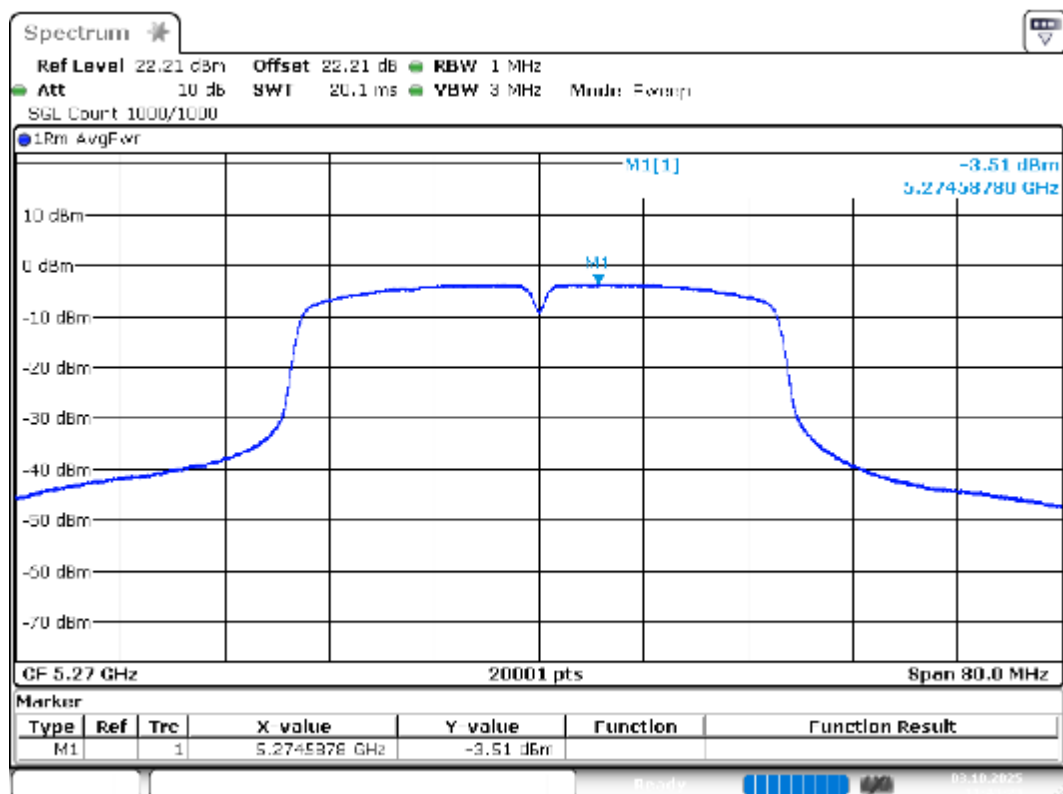


Sample N° 1 Channel 54 (F = 5270 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-3.098	11

(1) duty cycle included

Declared maximum antenna gain: 0.43 dBi

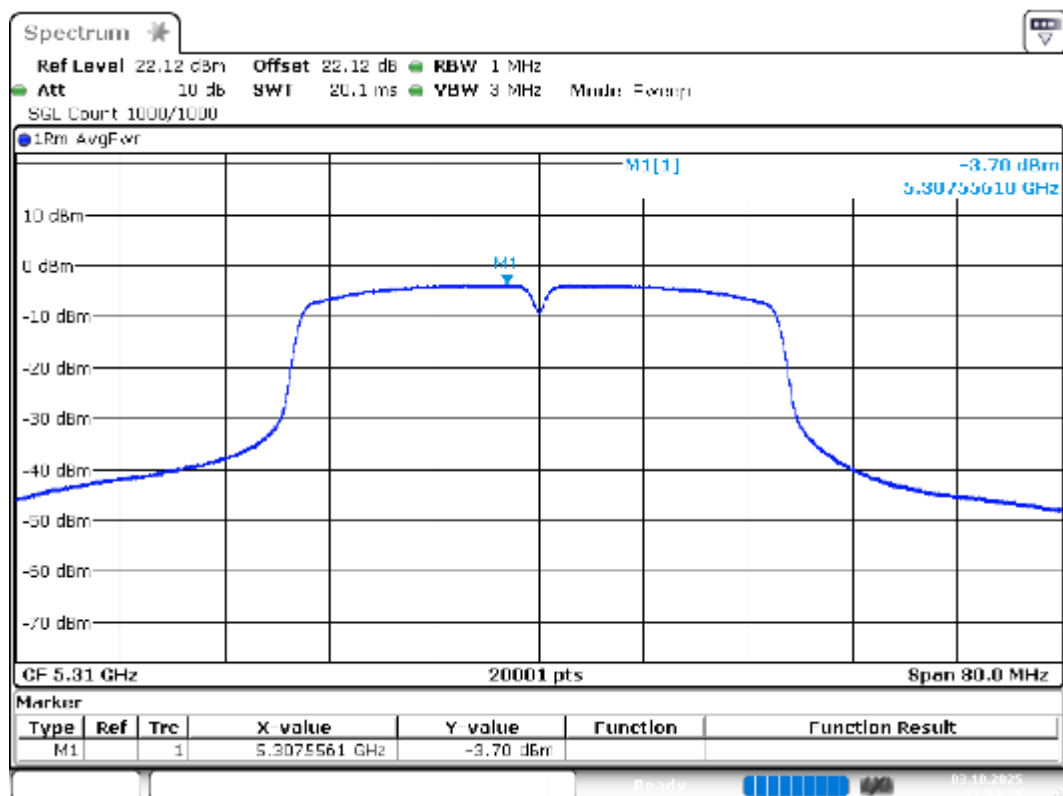


Sample N° 1 Channel 62 (F = 5310 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-3.288	11

(1) duty cycle included

Declared maximum antenna gain: 0.24 dBi

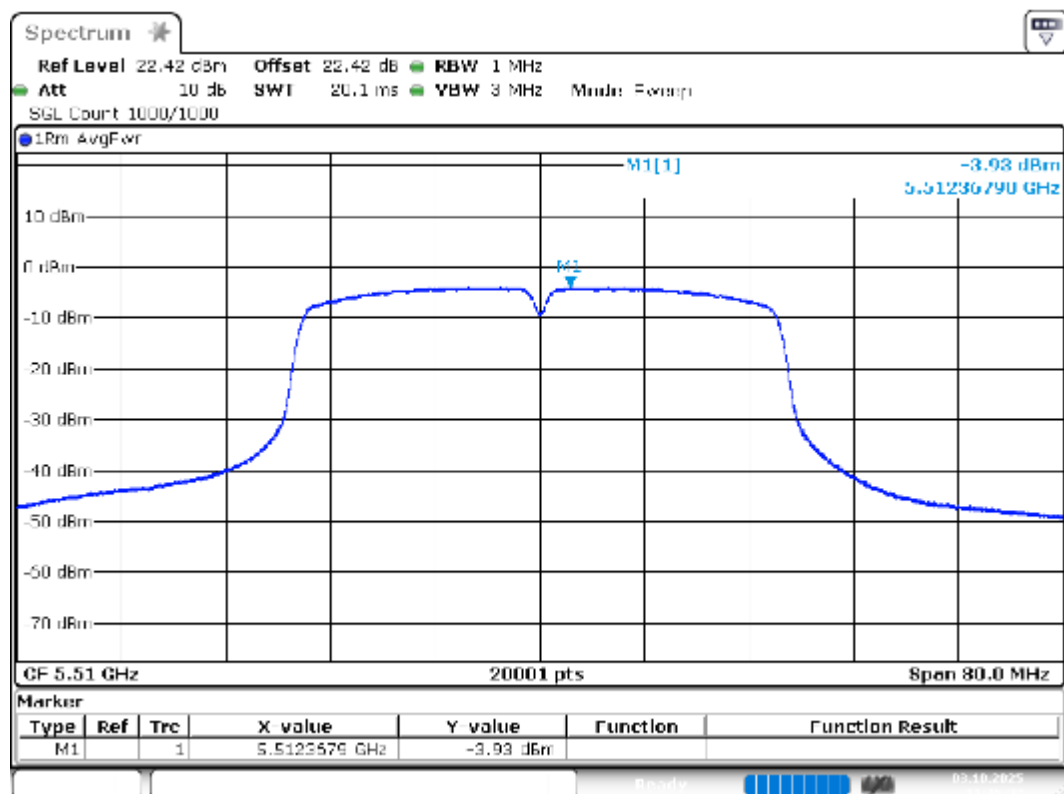


Sample N° 1 Channel 102 (F = 5510 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-3.518	11

(1) duty cycle included

Declared maximum antenna gain: -0.90 dBi

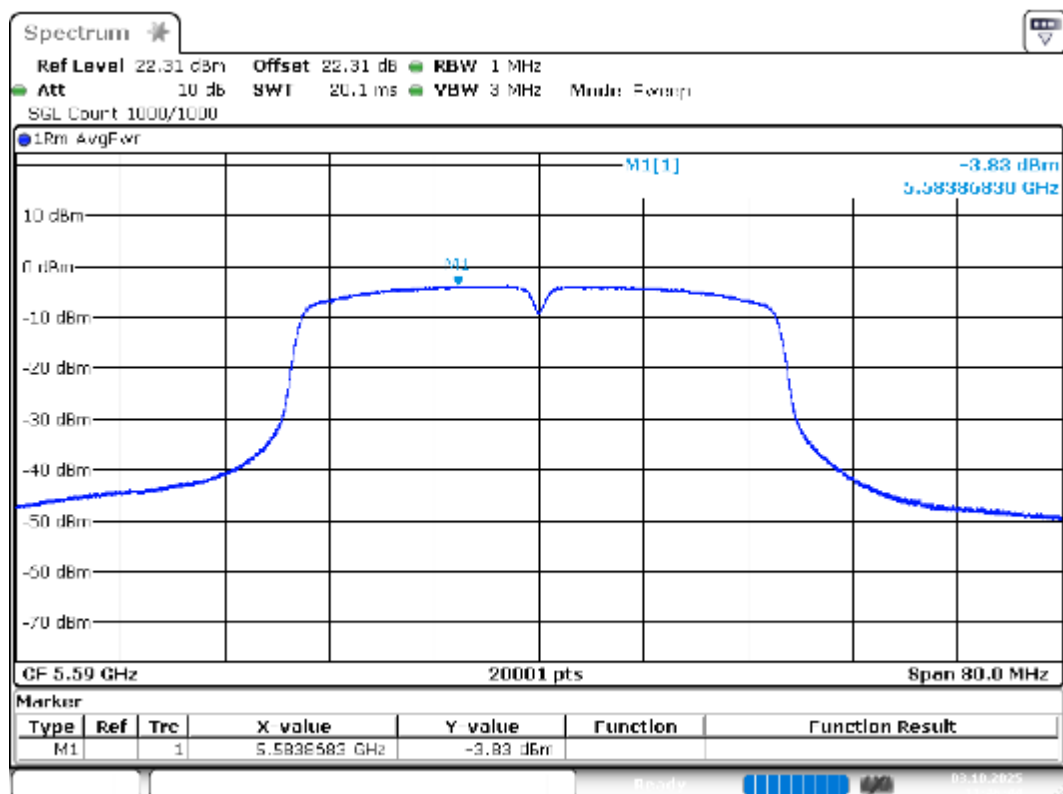


Sample N° 1 Channel 118 (F = 5590 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-3.418	11

(1) duty cycle included

Declared maximum antenna gain: -1.34 dBi

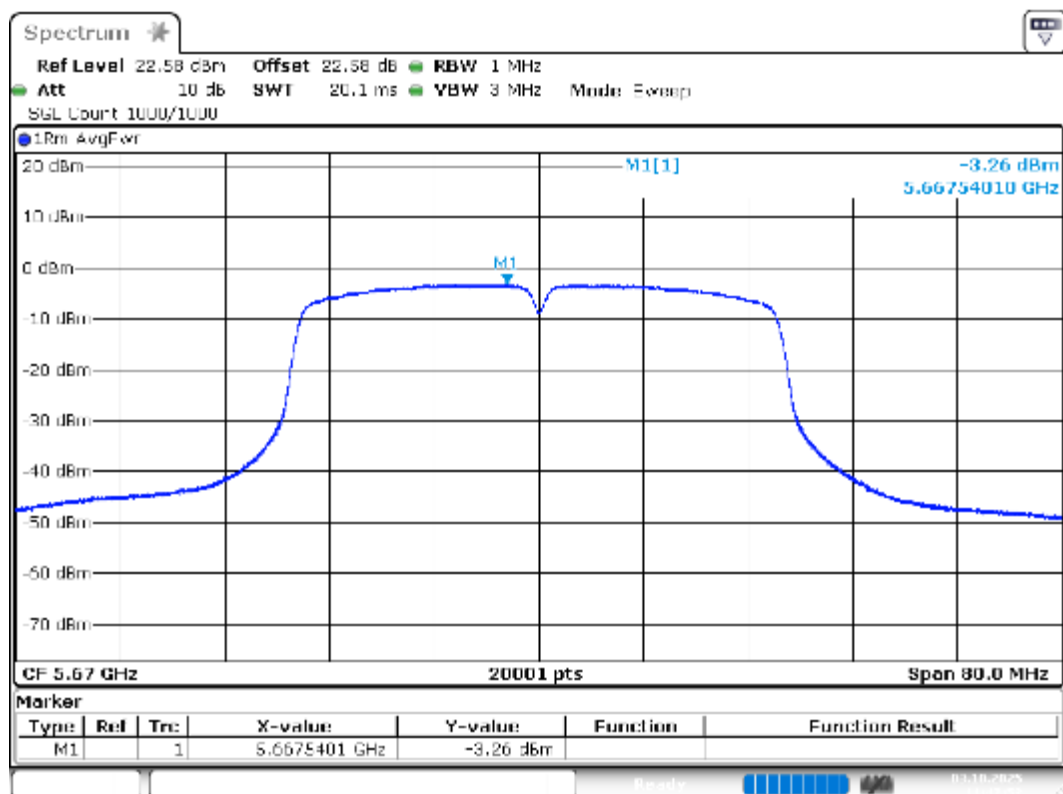


Sample N° 1 Channel 134 (F = 5670 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-2.848	11

(1) duty cycle included

Declared maximum antenna gain: -1.38 dBi

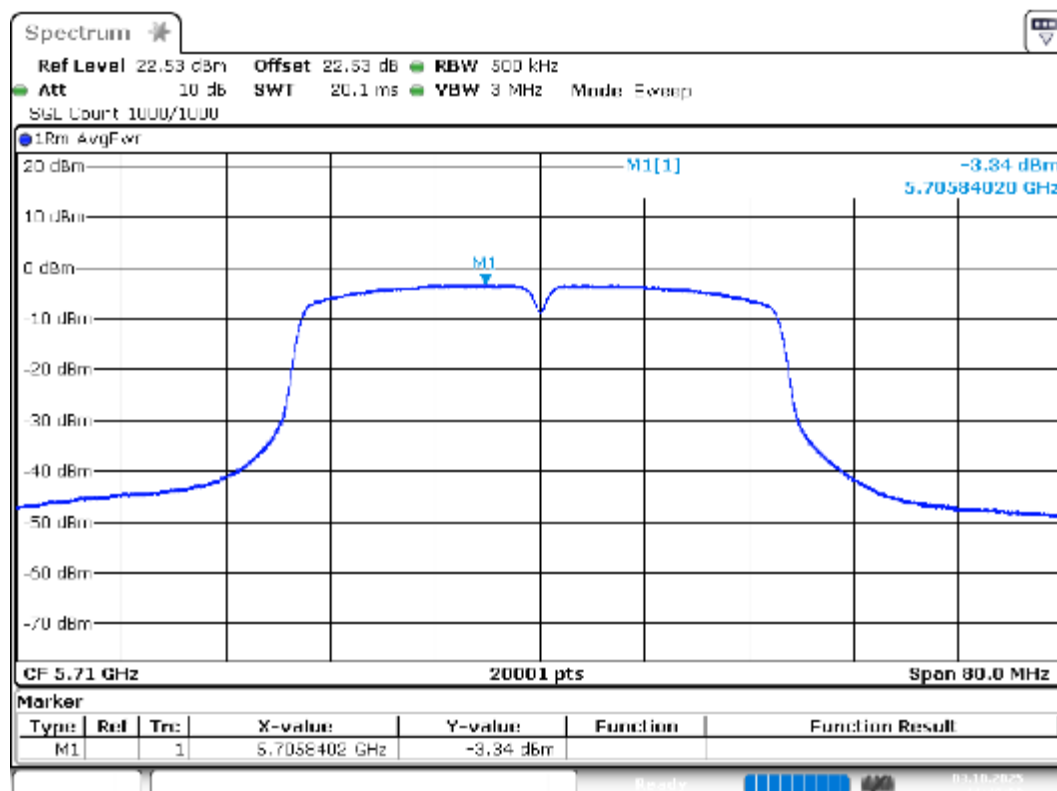


Sample N° 1 Channel 142 (F = 5710 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-2.928	30

(1) duty cycle included

Declared maximum antenna gain: -1.38 dBi

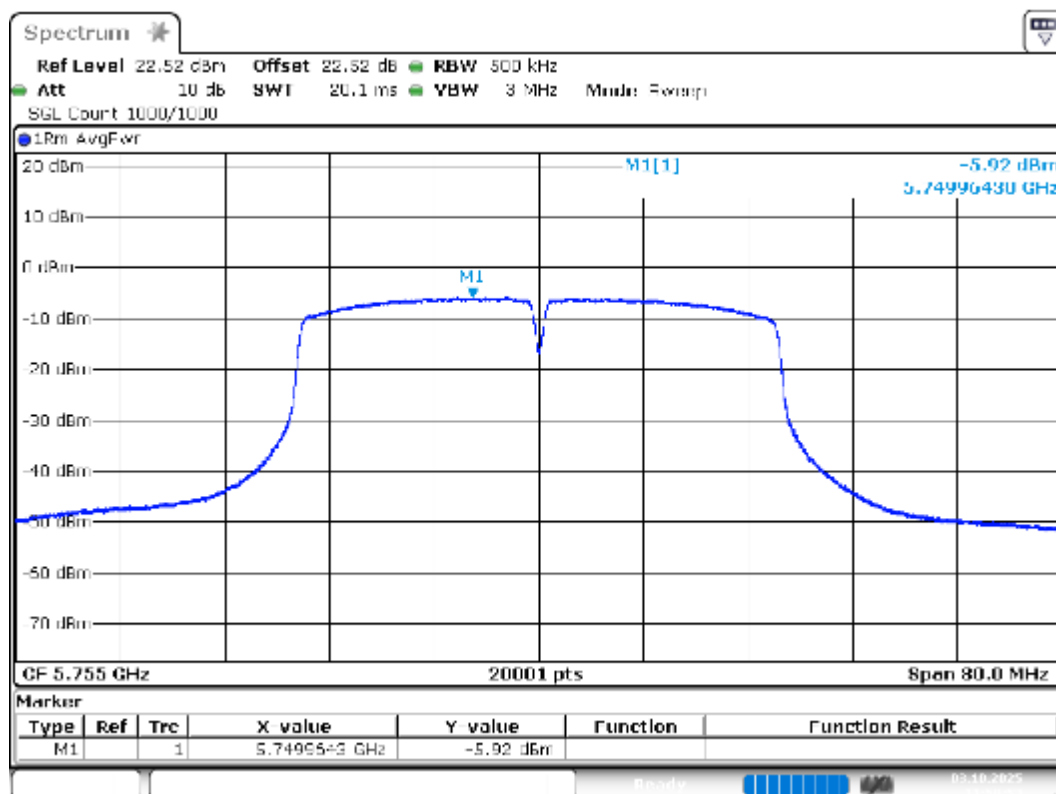


Sample N° 1 Channel 151 (F = 5755 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-5.508	30

(1) duty cycle included

Declared maximum antenna gain: -1.45 dBi

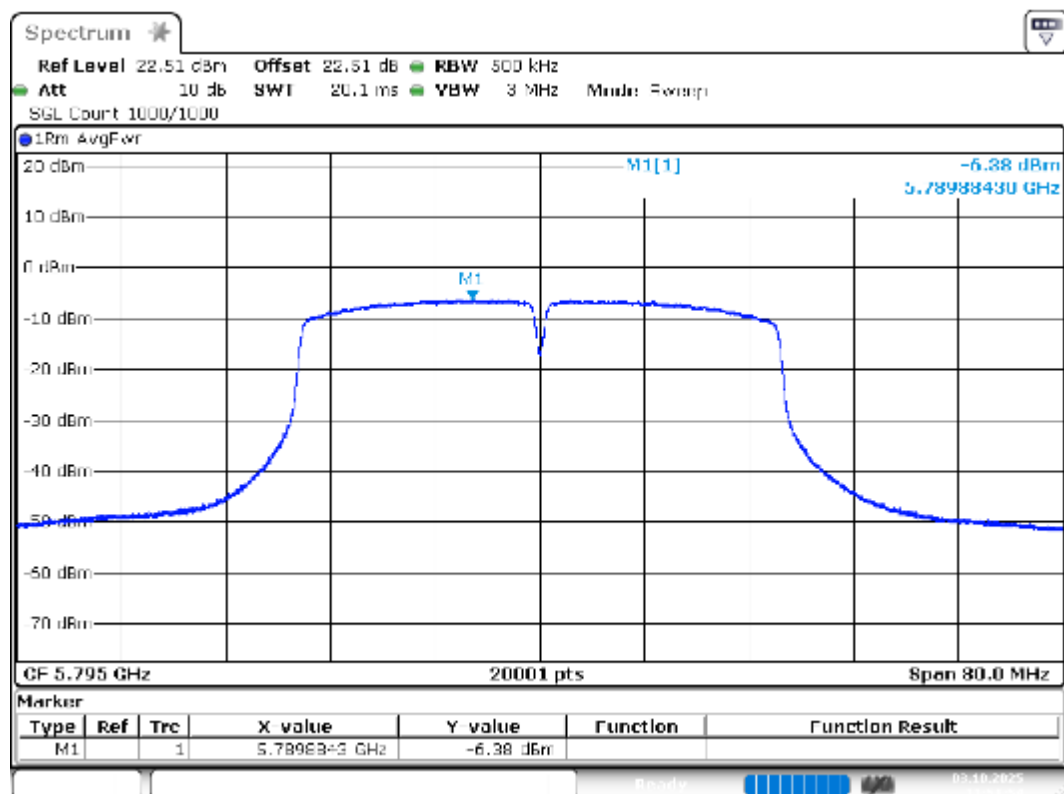


Sample N° 1 Channel 159 (F = 5795 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-5.968	30

(1) duty cycle included

Declared maximum antenna gain: -1.50 dBi



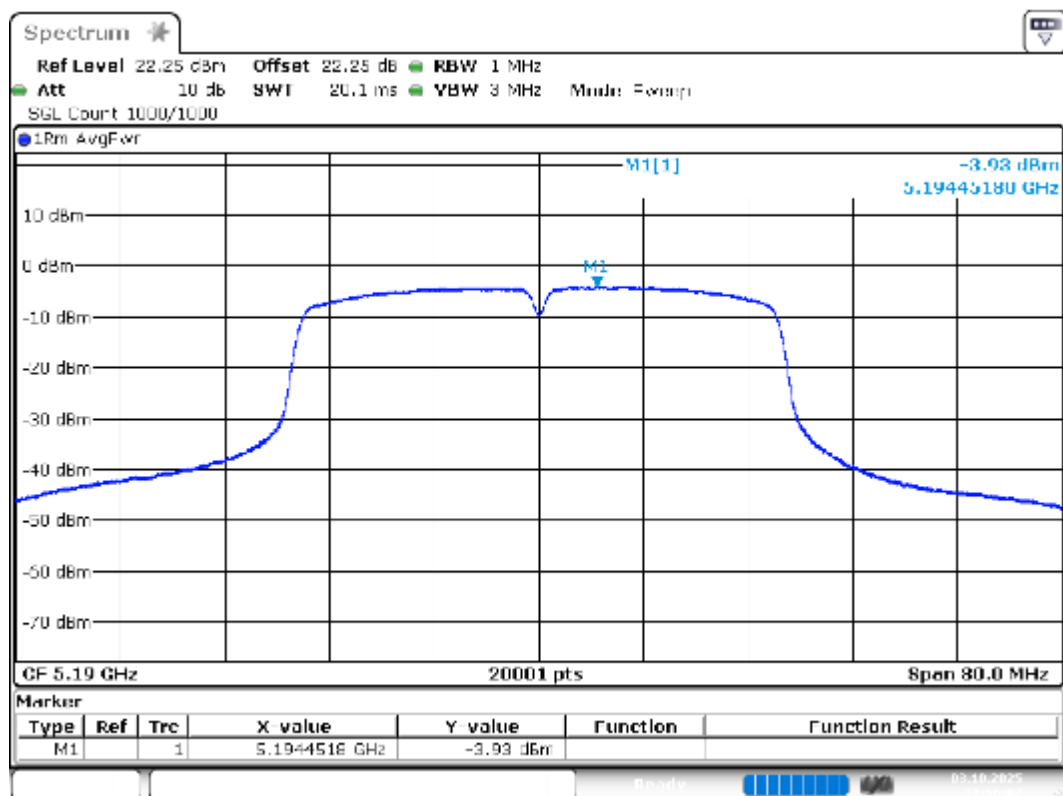
802.11ac 40 MHz:

Sample N° 1 Channel 38 (F = 5190 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-3.521	US: 11 IC: 10

(1) duty cycle included

Declared maximum antenna gain: 0.82 dBi

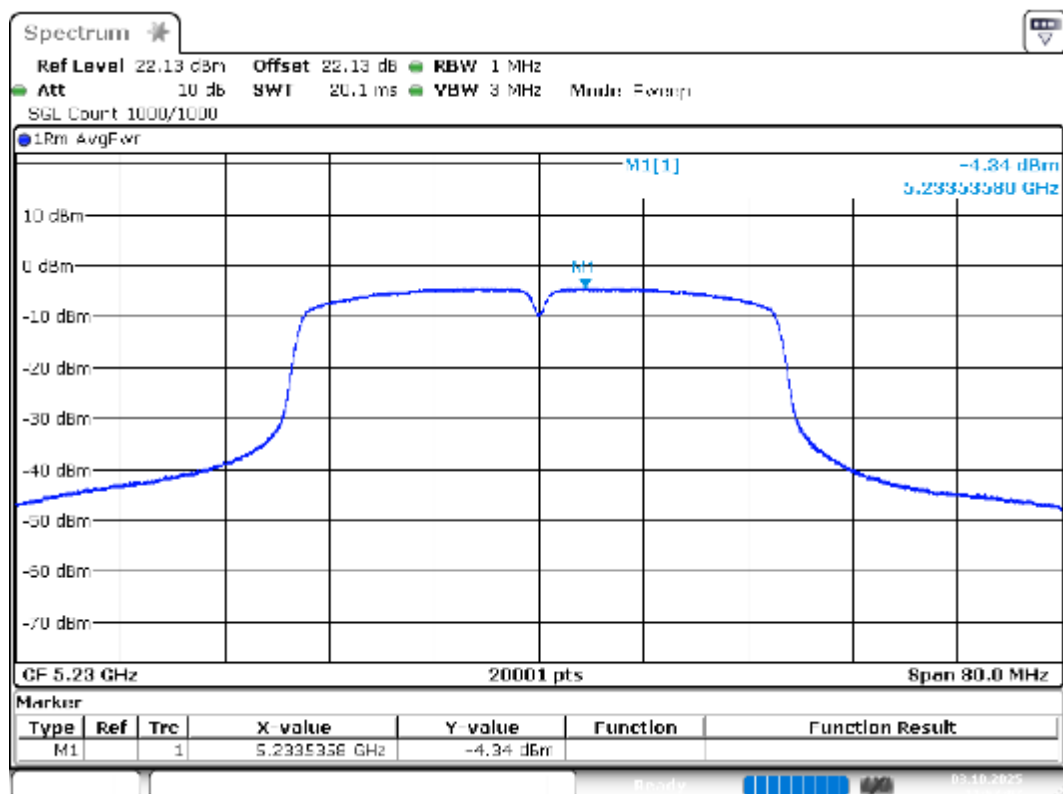


Sample N° 1 Channel 46 (F = 5230 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-3.931	US: 11 IC: 10

(1) duty cycle included

Declared maximum antenna gain: 0.61 dBi

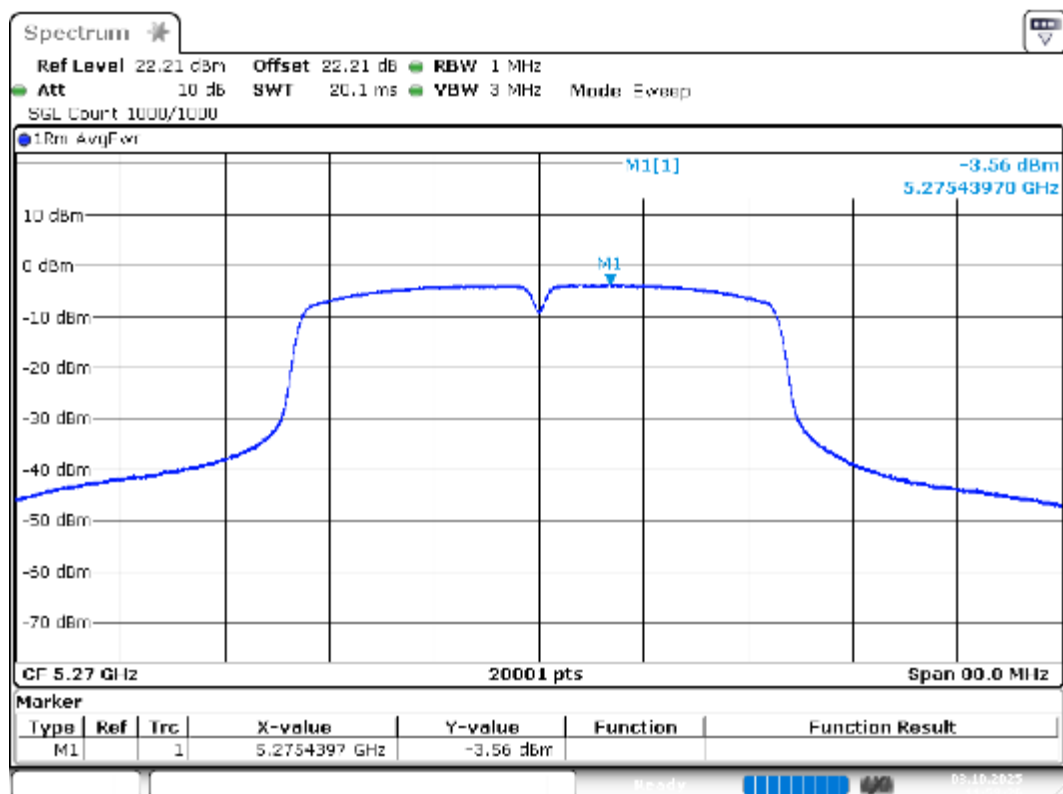


Sample N° 1 Channel 54 (F = 5270 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-3.151	11

(1) duty cycle included

Declared maximum antenna gain: 0.43 dBi

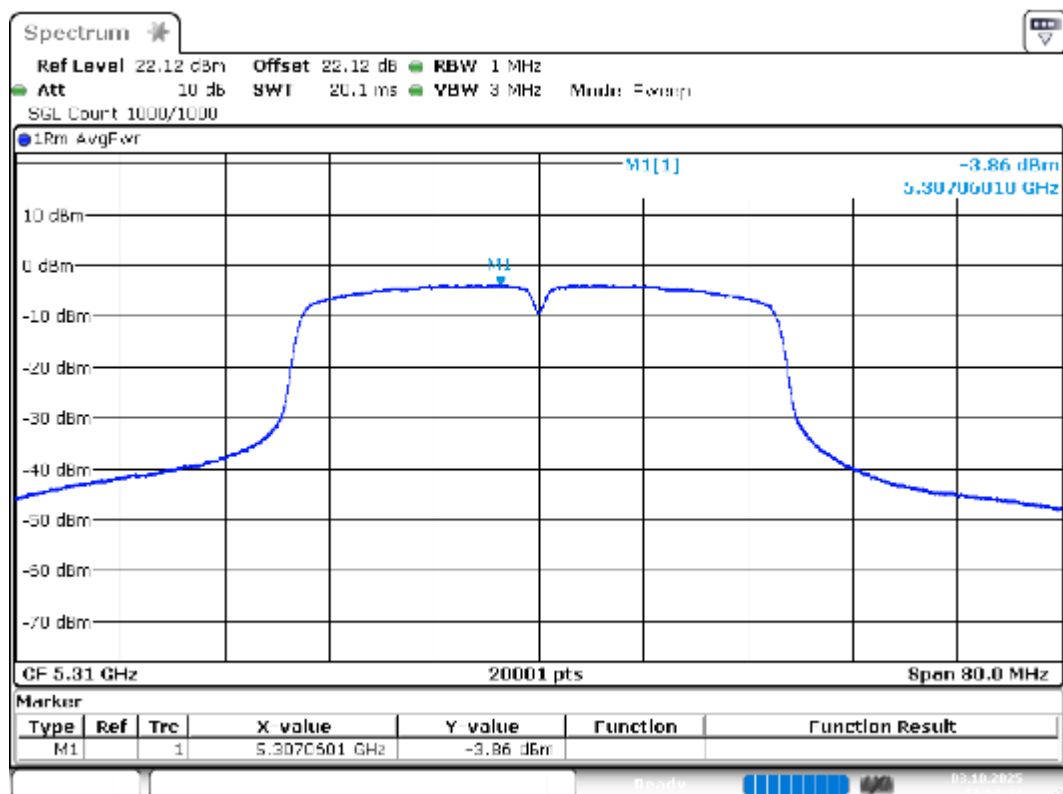


Sample N° 1 Channel 62 (F = 5310 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-3.451	11

(1) duty cycle included

Declared maximum antenna gain: 0.24 dBi

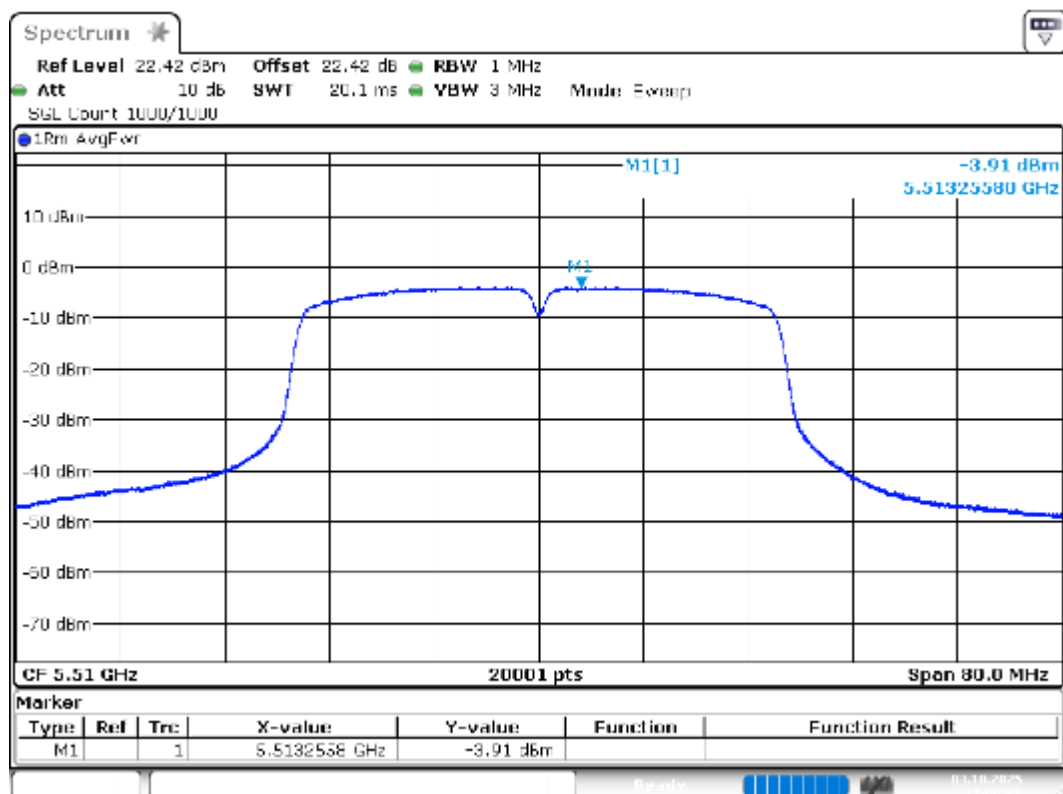


Sample N° 1 Channel 102 (F = 5510 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-3.501	11

(1) duty cycle included

Declared maximum antenna gain: -0.90 dBi

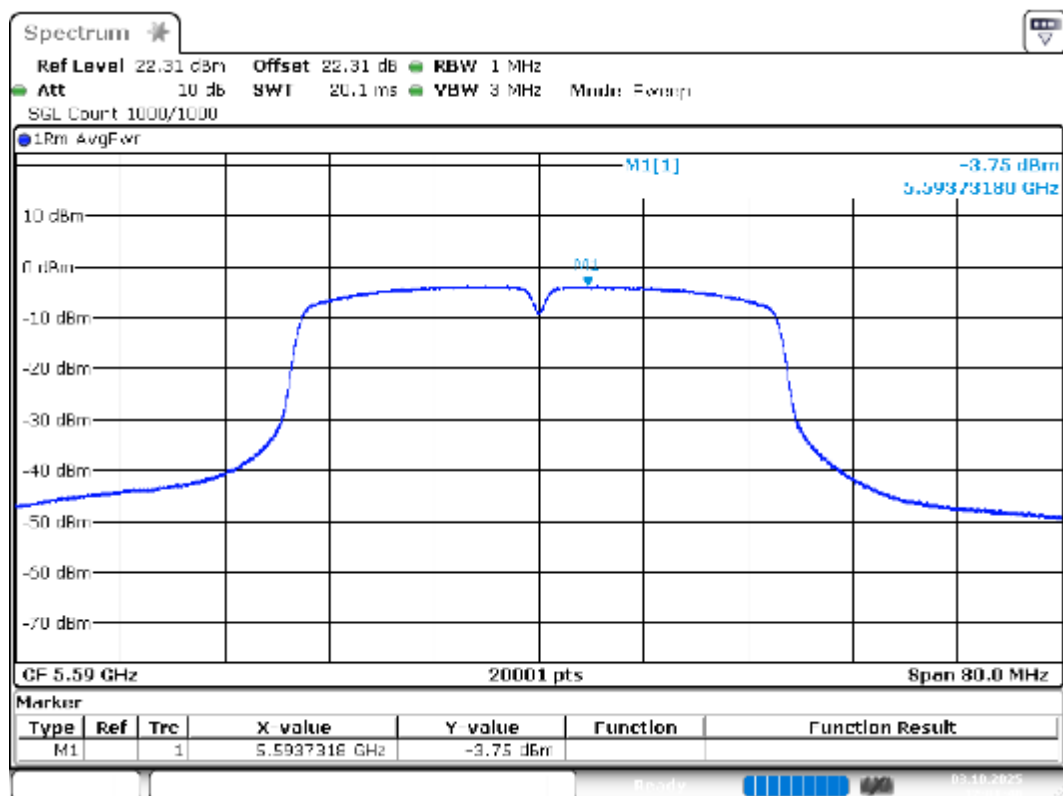


Sample N° 1 Channel 118 (F = 5590 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-3.341	11

(1) duty cycle included

Declared maximum antenna gain: -1.34 dBi

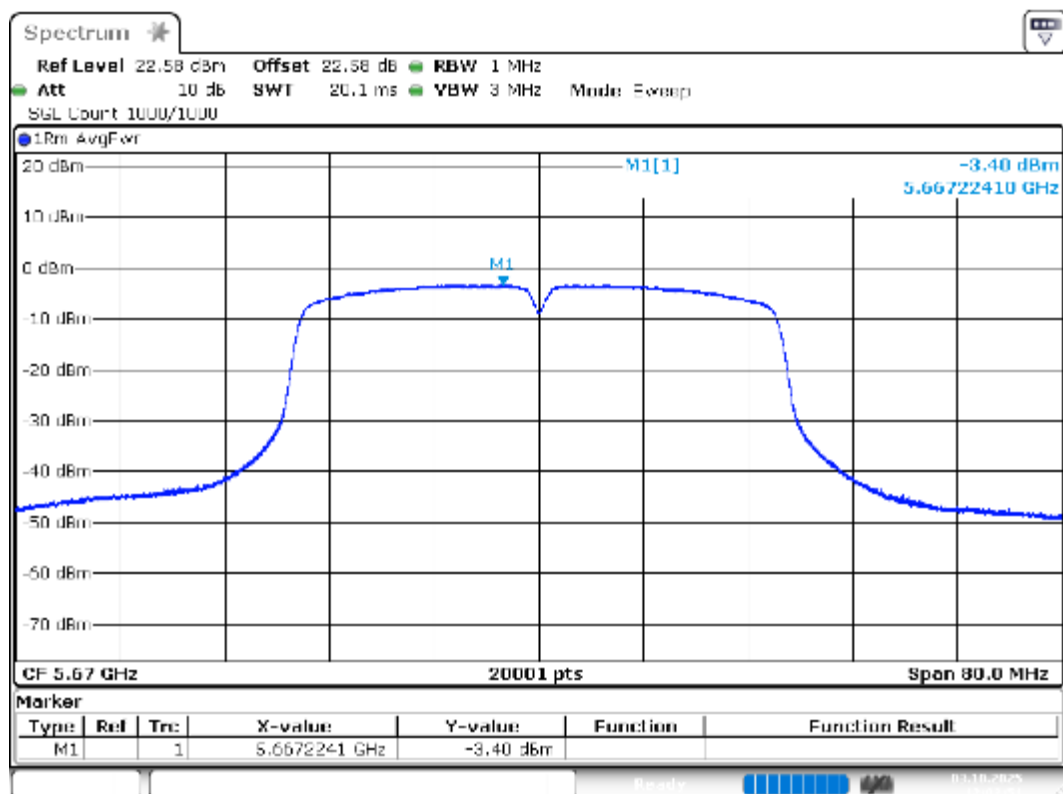


Sample N° 1 Channel 134 (F = 5670 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-2.991	11

(1) duty cycle included

Declared maximum antenna gain: -1.38 dBi

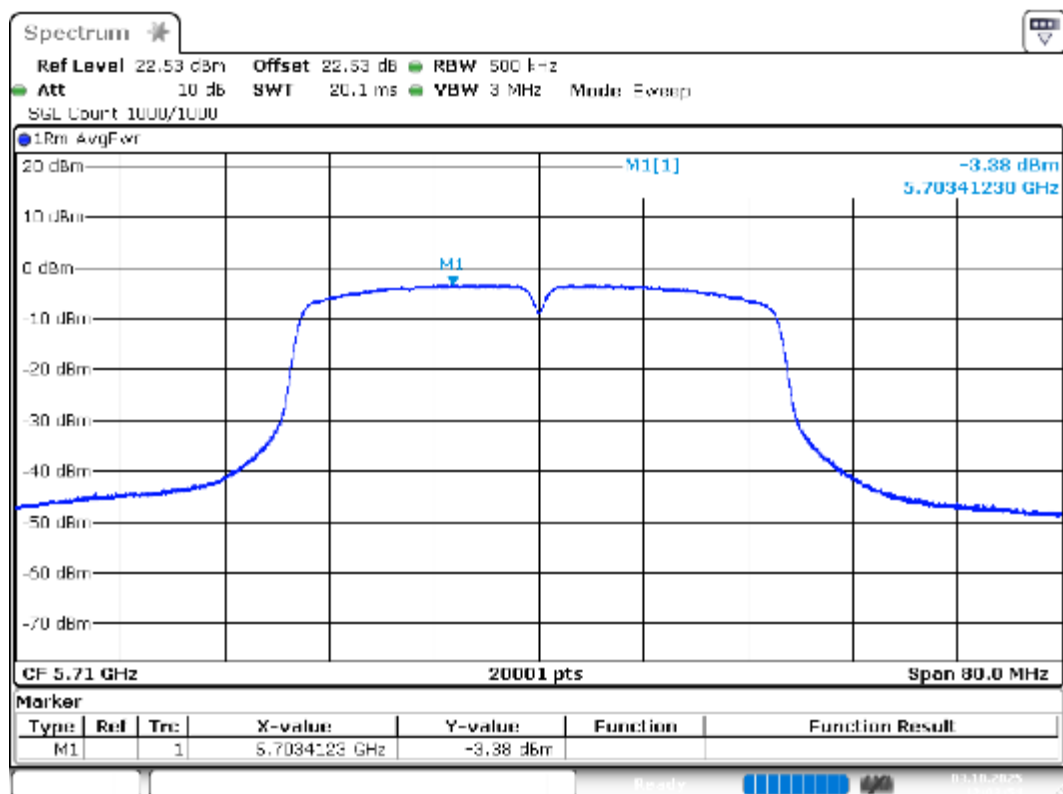


Sample N° 1 Channel 142 (F = 5710 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-2.971	30

(1) duty cycle included

Declared maximum antenna gain: -1.38 dBi

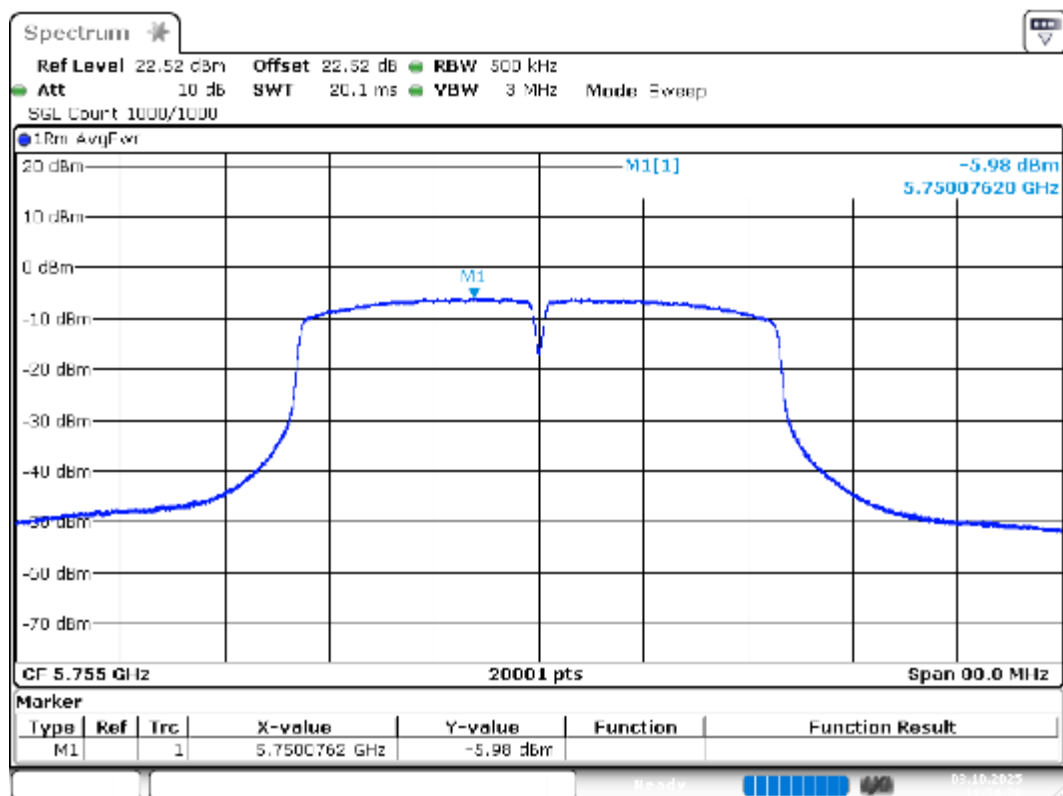


Sample N° 1 Channel 151 (F = 5755 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-5.571	30

(1) duty cycle included

Declared maximum antenna gain: -1.45 dBi

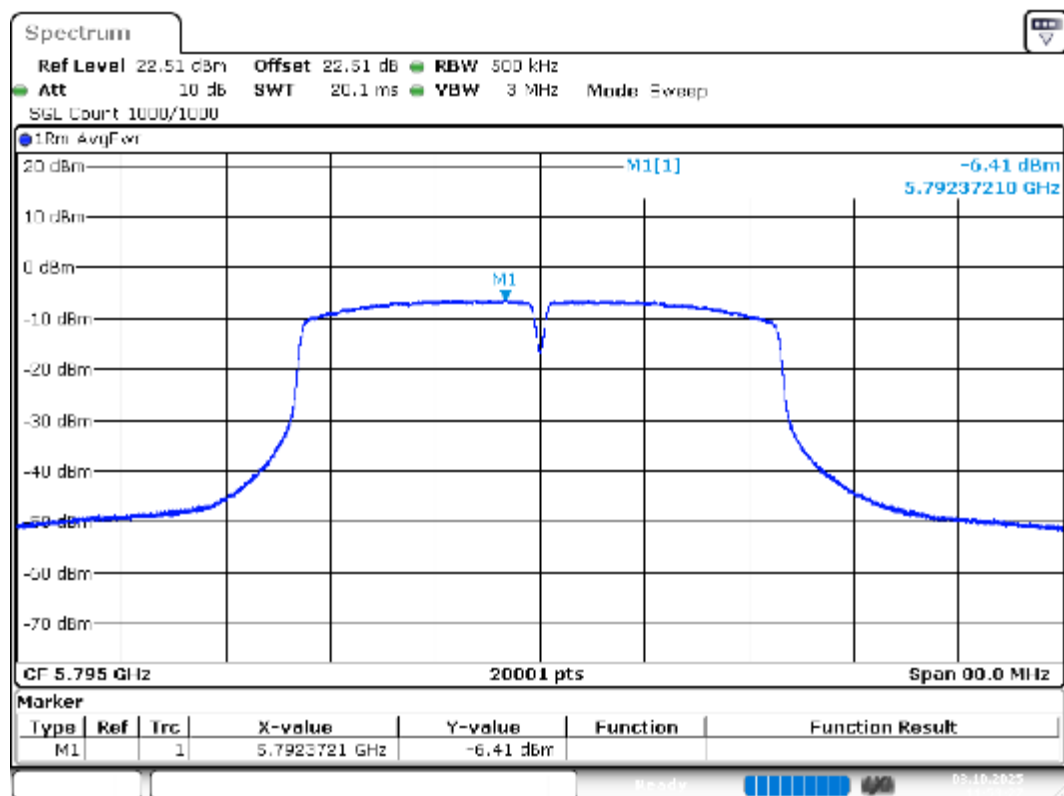


Sample N° 1 Channel 159 (F = 5795 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-6.001	30

(1) duty cycle included

Declared maximum antenna gain: -1.50 dBi



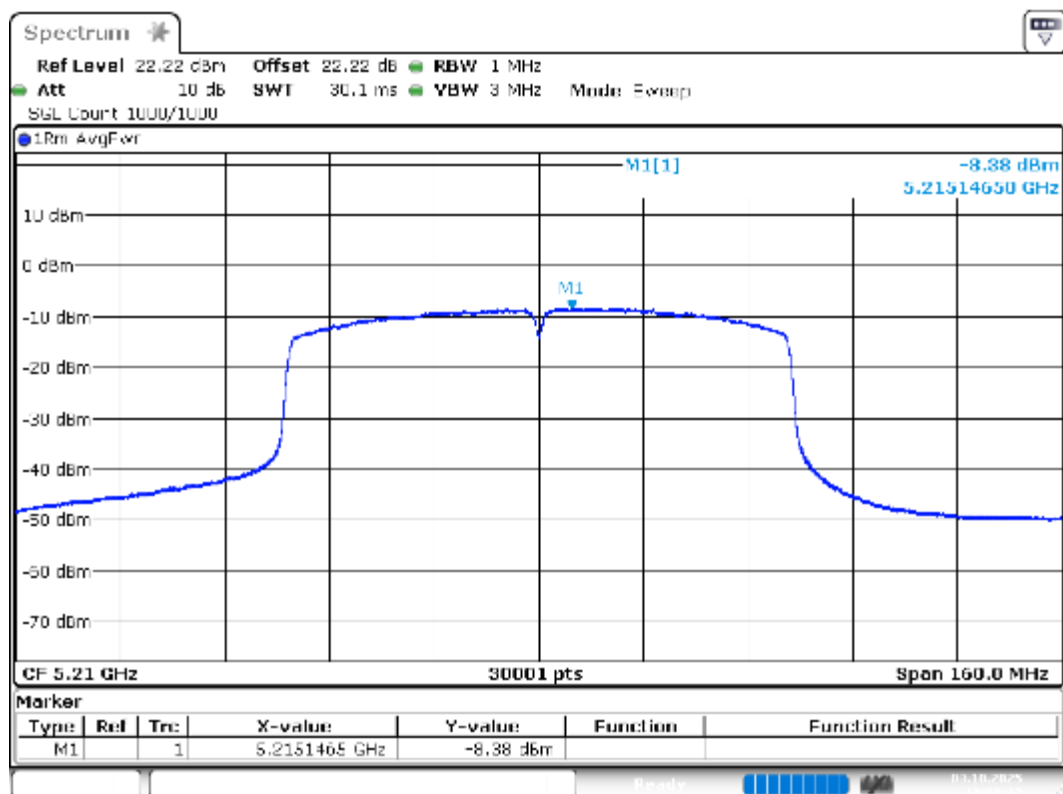
802.11ac 80 MHz:

Sample N° 1 Channel 42 (F = 5210 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-7.547	US: 11 IC: 10

(1) duty cycle included

Declared maximum antenna gain: 0.70 dBi

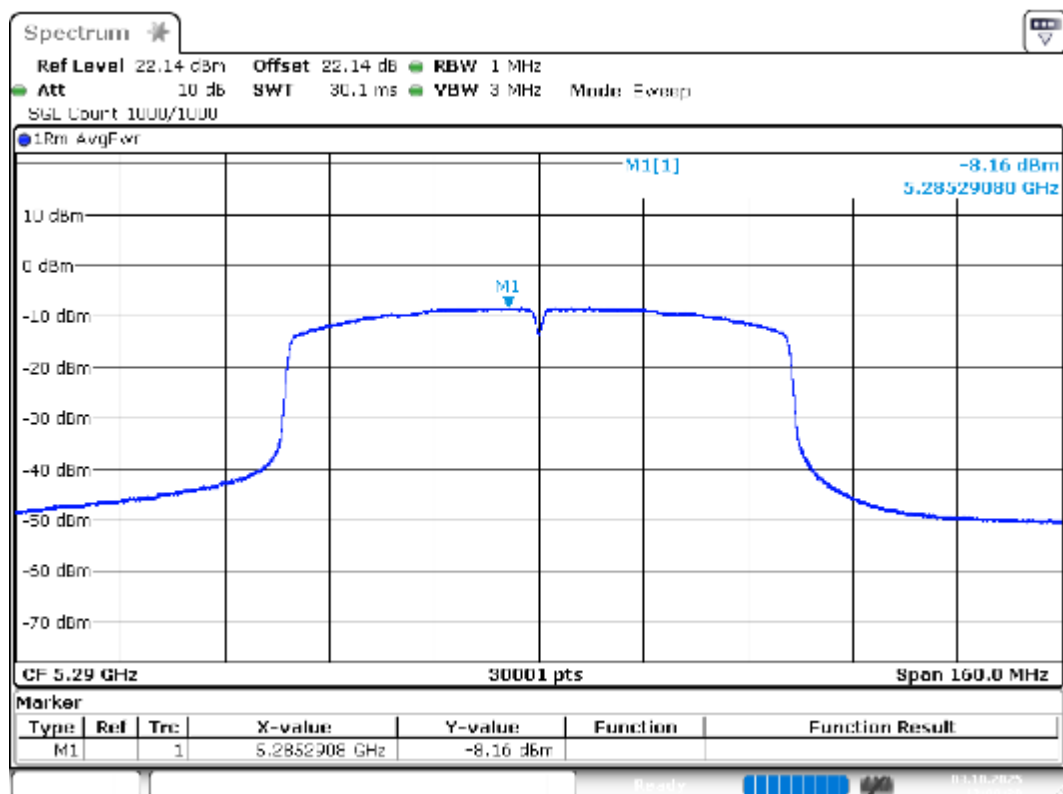


Sample N° 1 Channel 58 (F = 5290 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-7.327	11

(1) duty cycle included

Declared maximum antenna gain: 0.34 dBi

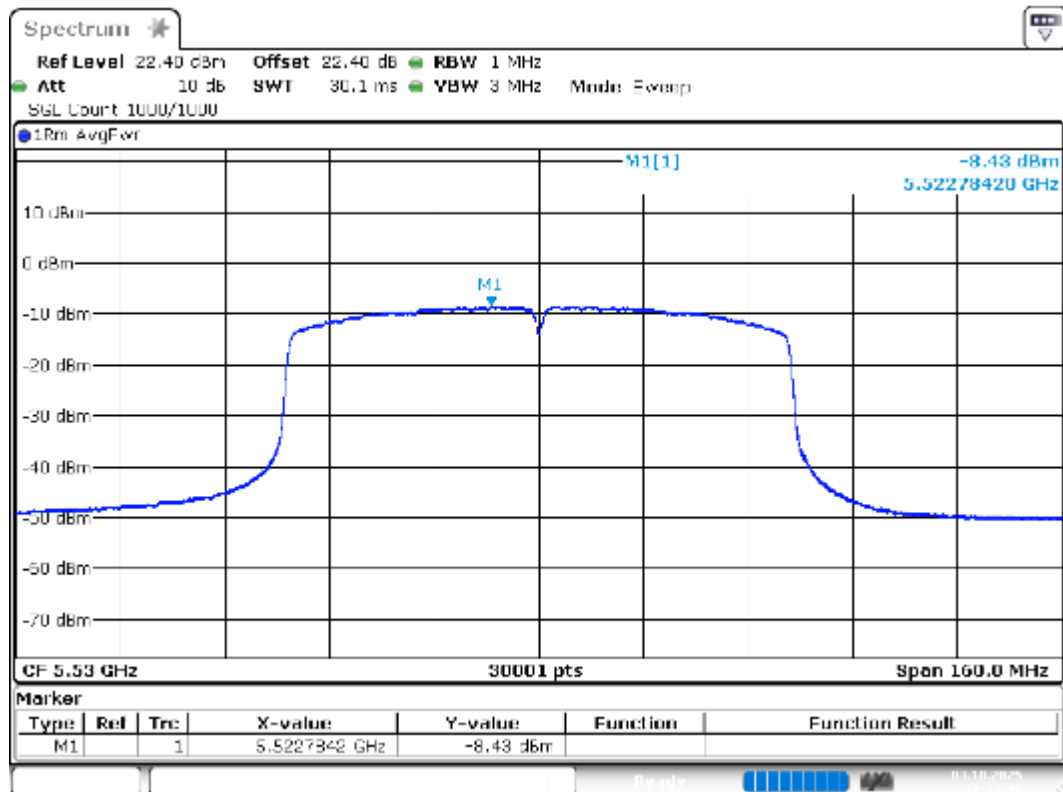


Sample N° 1 Channel 106 (F = 5530 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-7.597	11

(1) duty cycle included

Declared maximum antenna gain: -1.01 dBi

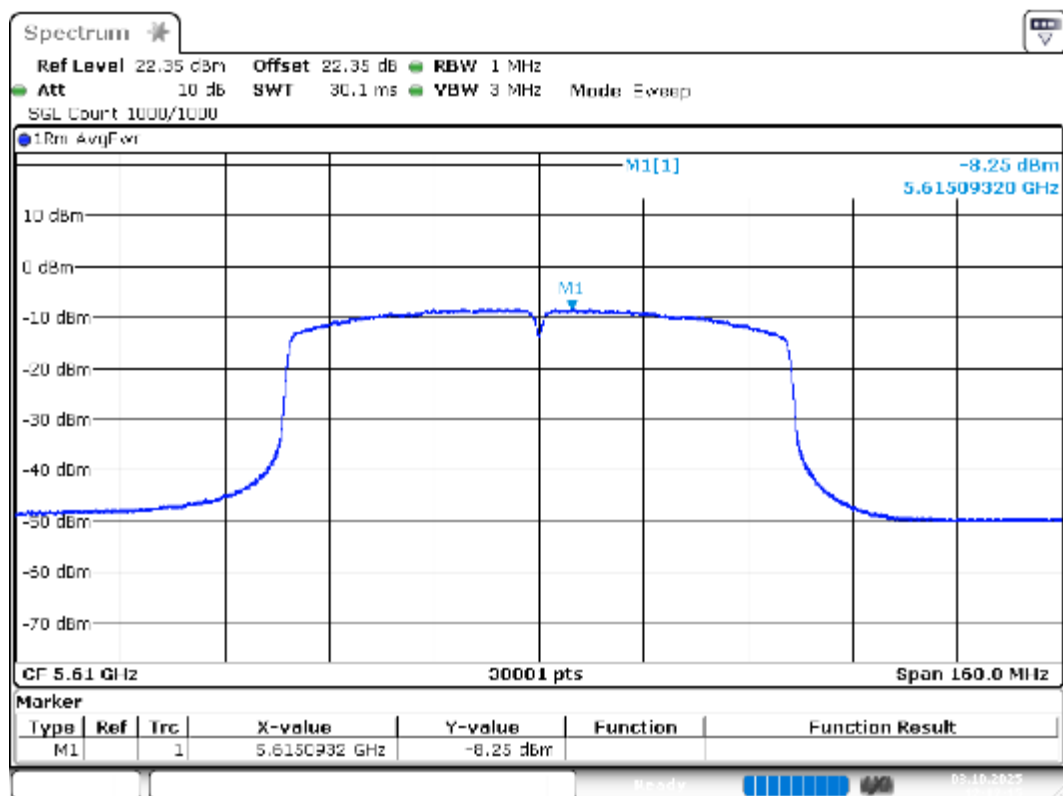


Sample N° 1 Channel 122 (F = 5610 MHz)

	Maximum Average conducted power density (dBm / MHz) (1)	Limit (dBm / MHz)
Nominal supply voltage: 3.3 Vdc	-7.417	11

(1) duty cycle included

Declared maximum antenna gain: -1.40 dBi

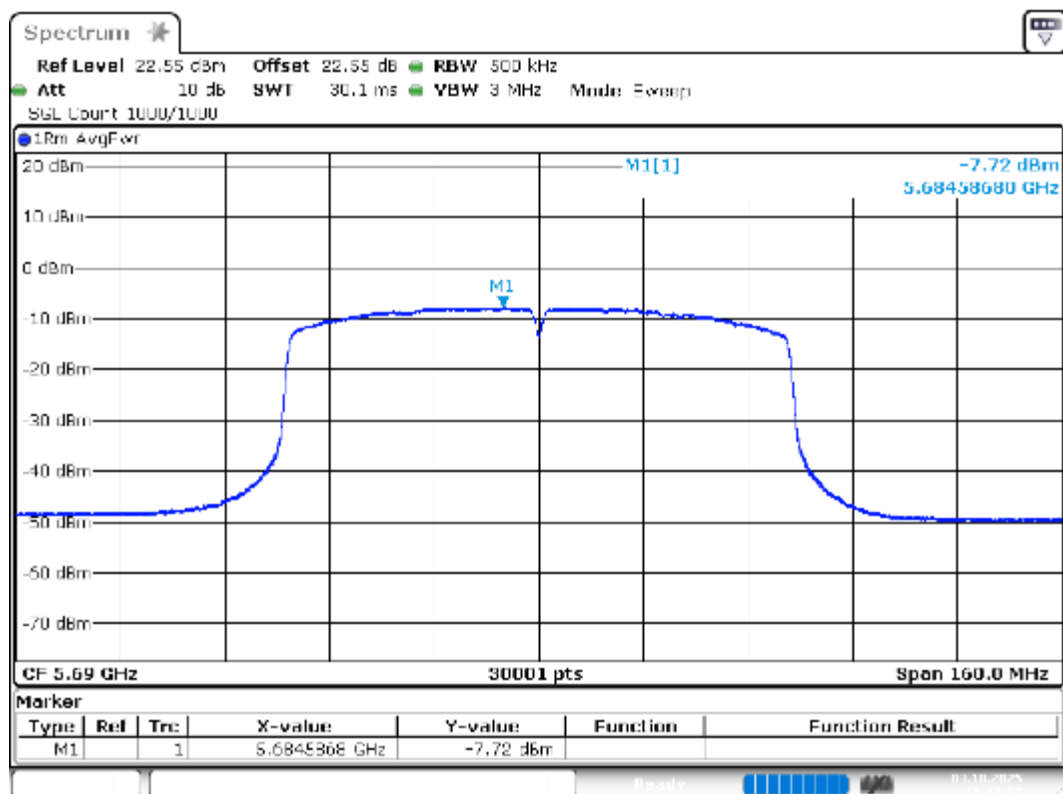


Sample N° 1 Channel 138 (F = 5690 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-6.887	30

(1) duty cycle included

Declared maximum antenna gain: -1.37 dBi

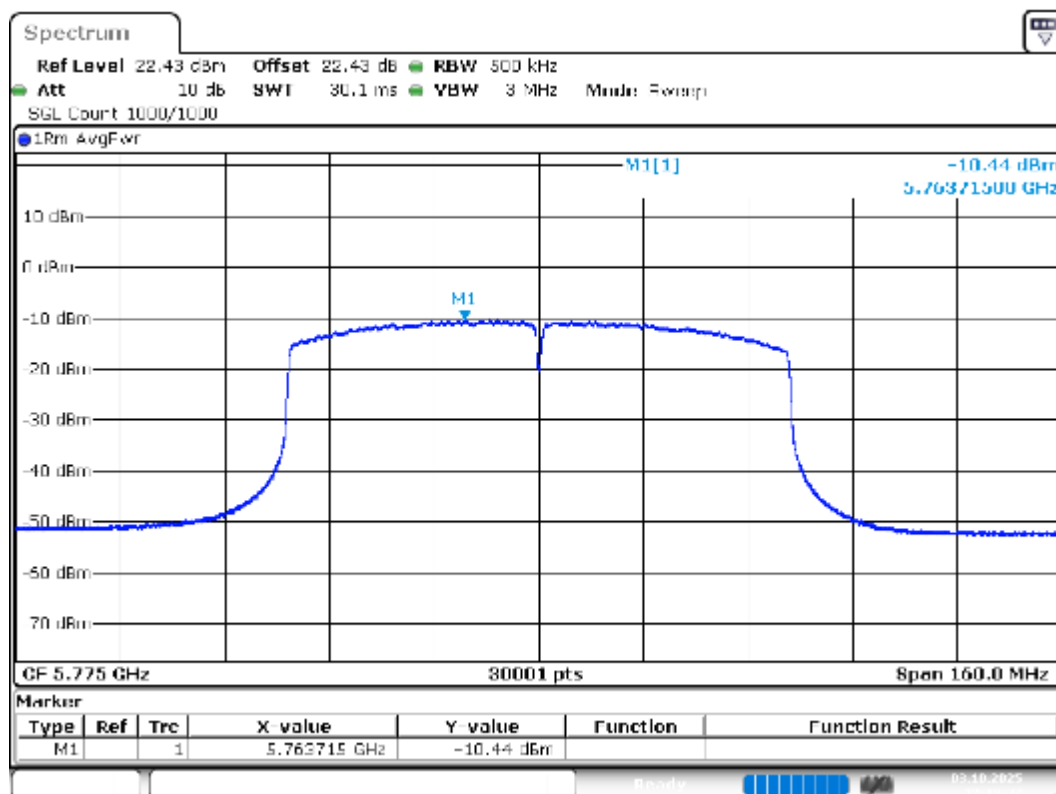


Sample N° 1 Channel 155 (F = 5775 MHz)

	Maximum Average conducted power density (dBm / 500 kHz) (1)	Limit (dBm / 500 kHz)
Nominal supply voltage: 3.3 Vdc	-9.607	30

(1) duty cycle included

Declared maximum antenna gain: -1.48 dBi



Test conclusion:

RESPECTED STANDARD

□□□ End of report, 3 annexes to be forwarded □□□

APPENDIX 1: Calculation example for radiated spurious emission

Frequencies (MHz)	Level (dBμV/m) (1)	Margin (dB) (2)	Limit (dBμV/m)	Read level (dBμV)	Antenna Factor (dBm)	Cable Loss (dB)	Preamp Factor (dB)
2390 (Peak)	57.63	16.37	74	64.3	32.7	3.27	42.64
2390 (Av)	46.43	7.57	54	53.1	32.7	3.27	42.64

(1) Level (dBμV/m) = Antenna Factor (dBm) + Cable loss (dB) + Read level (dBμV) – Preamp Factor (dB)

(2) Margin (dB) = Limit (dBμV/m) - Level (dBμV/m)

For Peak Limit @ 2390MHz:

(1) Level (dBμV/m)

= Antenna Factor (dBm) + Cable loss (dB) + Read level (dBμV) – Preamp Factor (dB)

= 32.7 (dBm) + 3.27 (dB) + 64.3 (dBμV) - 42.64 (dB)

= 57.63 (dBμV/m)

(2) Margin (dB)

= Limit (dBμV/m) - Level (dBμV/m)

= 74 (dBμV/m) - 57.63 (dBμV/m)

= 16.37 (dB)

For Average Limit @ 2390MHz:

(1) Level (dBμV/m)

= Antenna Factor (dBm) + Cable loss (dB) + Read level (dBμV) – Preamp Factor (dB)

= 32.7 (dBm) + 3.27 (dB) + 53.1 (dBμV) - 42.64 (dB)

= 46.43 (dBμV/m)

(2) Margin (dB)

= Limit (dBμV/m) - Level (dBμV/m)

= 54 (dBμV/m) – 46.43 (dBμV/m)

= 7.57 (dB)

APPENDIX 2: Test equipment list

AC Conducted emission

TYPE	MANUFACTURER	EMITECH NUMBER
Outside room 2B	Emitech	20041
Satellite synchronized frequency standard GPS8	ACQUISYS	8896
Test receiver ESW44	Rohde & Schwarz	17008
LISN 1600	Thurbly Thandar Instruments	8719
High-pass filter EZ-25	Rohde & Schwarz	11535
Absorber sheath current	Emitech	9489
Cable N-5m RG214	GYL Technologies	8590
Power source 1251RP	California instruments	8508
Multimeter 177	Fluke	14903
Meteo station 608-H1	Testo	19416
Software	BAT-EMC V3.18.0.26	0000

Occupied bandwidth and emissions bandwidth

TYPE	MANUFACTURER	EMITECH NUMBER
Satellite synchronized frequency standard GPS8	ACQUISYS	8896
Spectrum Analyzer FSV40	Rohde & Schwarz	15666
N-1M Cable	Sucoflex	7279
Attenuator 20dB	Midwest Microwave	8549
Power source 1251RP	California instruments	8508
Multimeter 177	Fluke	14903
Meteo station 608-H1	Testo	7566
Software	RS Commander V2.4.2	//

Band edge

TYPE	MANUFACTURER	EMITECH NUMBER
Full anechoic chamber 2	EMITECH	20040
Turntable and mat controller NCD	MATURO	10789
Satellite synchronized frequency standard GPS8	ACQUISYS	8896
Spectrum Analyzer FSV40	Rohde & Schwarz	15666
Antenna 3117	ETS-Lindgren	10771
Low-noise amplifier S005180M3201	LUCIX Corp.	12590
N-1M Cable	HYTEM	19887
N-2.5M Cable	HYTEM	19898
N-5M Cable	HYTEM	19877
N-5.8M Cable	HYTEM	19907
Attenuator 10dB	Midwest Microwave	8548
Power source 1251RP	California instruments	8508
Multimeter 177	Fluke	14903
Meteo station 608-H1	Testo	7566
Software	BAT-EMC V3.18.0.26	0000

Conducted output Power

TYPE	MANUFACTURER	EMITECH NUMBER
Satellite synchronized frequency standard GPS8	ACQUISYS	8896
Spectrum Analyzer FSV40	Rohde & Schwarz	15666
Power sensor NRV-Z86	Rohde & Schwarz	11592
Attenuator 20dB	Midwest Microwave	8549
N-1M Cable	Sucoflex	7279
Power source 1251RP	California instruments	8508
Software	R&S Power Viewer Plus V13.1	///
Multimeter 177	Fluke	14903
Meteo station 608-H1	Testo	7566

Radiated spurious emission

TYPE	MANUFACTURER	EMITECH NUMBER
Full anechoic chamber 2	EMITECH	20040
Satellite synchronized frequency standard GPS8	ACQUISYS	8896
Spectrum Analyzer FSV40	Rohde & Schwarz	15666
Biconical antenna 3110	Emco	7240
Log periodic antenna HL223	Rohde & Schwarz	7190
Antenna 3117	ETS-Lindgren	10771
Antenna SAS-572	A.H Systems	7124
Low-noise amplifier ASC805C	ASC	19274
Low-noise amplifier S005180M3201	LUCIX Corp.	12590
Low-noise amplifier DBLNA418004000N	QOTANA	20345
N-1M Cable	HYTEM	19887
N-2.5M Cable	HYTEM	19898
N-5M Cable	HYTEM	19877
N-5.8M Cable	HYTEM	19907
Cable k-20cm	STORM MICROWAE	8974
Cable k-100cm	MechANG	18418
Low pass filter LP03/1000-7GH	Filtek	4087
Low Pass Filter LPM15601	Microtronics	6606
High Pass Filter LPM15600	Microtronics	6607
High Pass Filter HPF180400	C&C	16109
Power source 1251RP	California instruments	8508
Multimeter 177	Fluke	14903
Meteo station 608-H1	Testo	7566
Software	BAT-EMC V3.18.0.26	0000

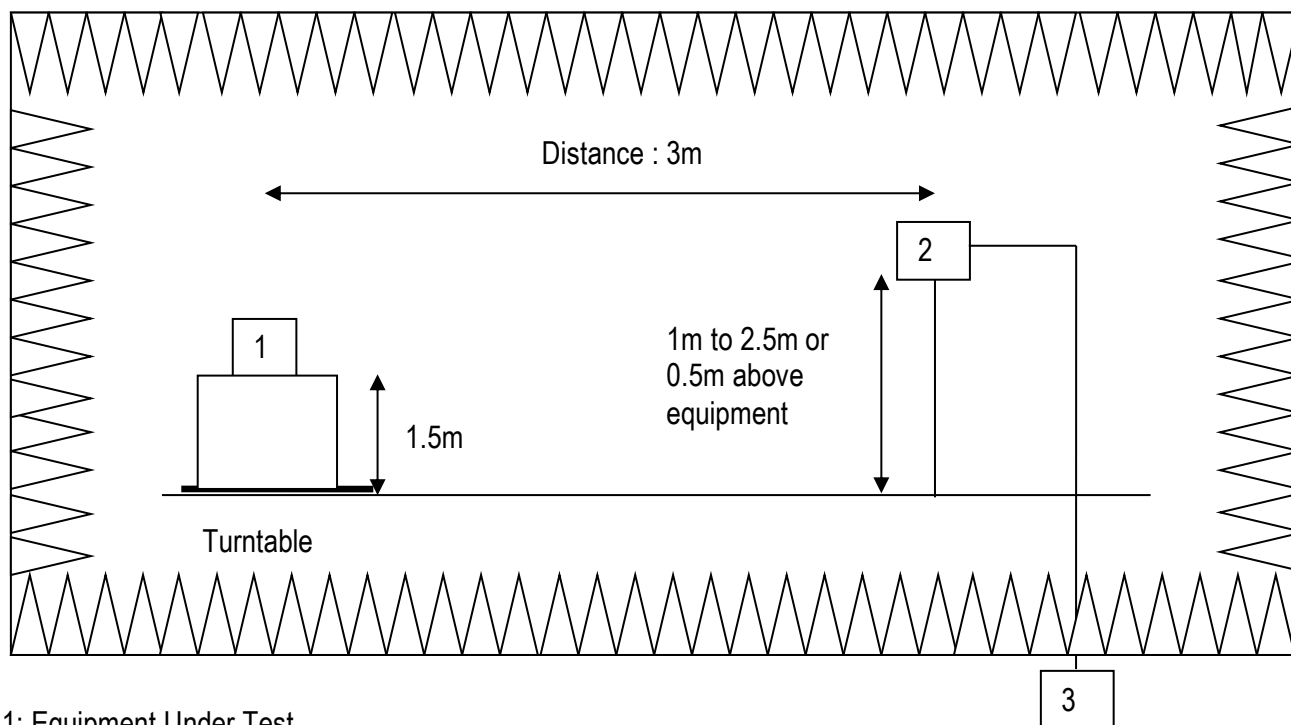
Conducted power spectral density

TYPE	MANUFACTURER	EMITECH NUMBER
Satellite synchronized frequency standard GPS8	ACQUISYS	8896
Spectrum Analyzer FSV40	Rohde & Schwarz	15666
Attenuator 20dB	Midwest Microwave	8549
N-1M Cable	Sucoflex	7279
Power source 1251RP	California instruments	8508
Software	RS Commander V2.4.2	//
Multimeter 177	Fluke	14903
Meteo station 608-H1	Testo	7566

APPENDIX 3: Radiated Test Setup

Anechoic chamber setup

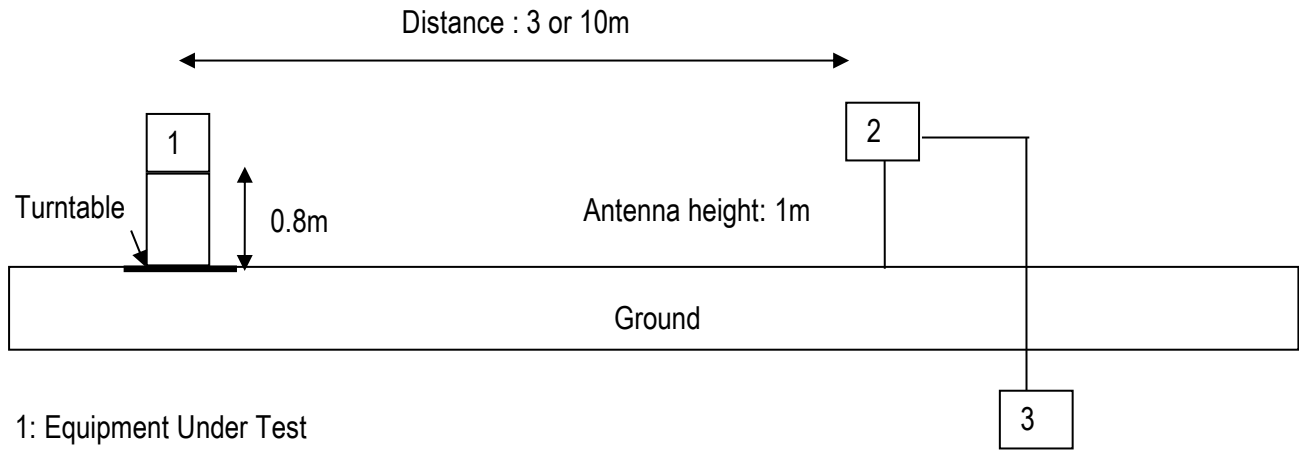
Above 1 GHz



- 1: Equipment Under Test
- 2: Measurement antenna with tilt for variation from 1 to 2.5m or 0.5m above top of equipment
- 3: Measurement equipment

Open area setup

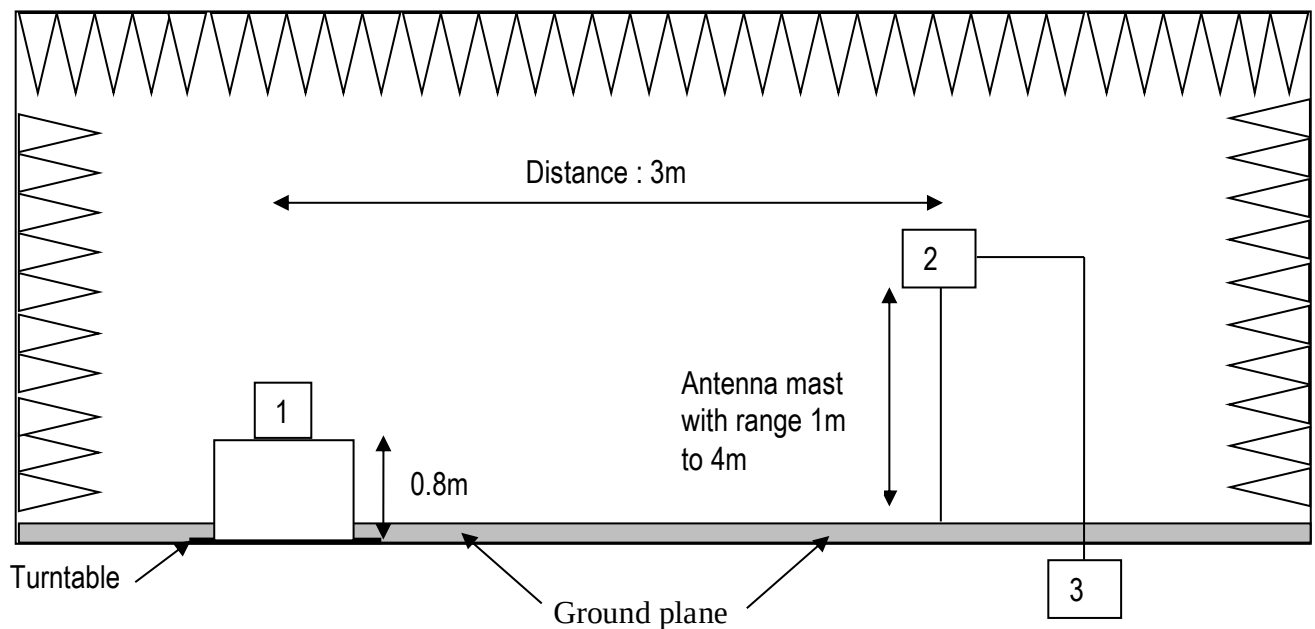
Below 30 MHz



- 1: Equipment Under Test
- 2: Measurement antenna
- 3: Measurement equipment

Semi anechoic chamber setup

Between 30 MHz and 1 GHz



- 1: Equipment Under Test
- 2: Measurement antenna
- 3: Measurement equipment