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FCC LISTED, REGISTRATION NUMBER: 720267

IC LISTED REGISTRATION NUMBER IC 4621A-1 Informe de ensayo nº: Test report No:

NIE: 49158RRF.002

Test report USA FCC Part 15.249 & 15.209 CANADA RSS-210, RSS-Gen

Radio Frequency Devices. Operation within the bands 902 - 928 MHz, 2400 -2483.5 MHz, 5725 - 5875 MHz, and 24.0 – 24.25 GHz.

Identificación del objeto ensayado Identification of item tested	Wireless hearing instrument
Marca Trade	ReSound / Beltone / Interton / GN Hearing
Modelo y/o referencia tipo	BE60
Other identification of the product	FCC ID: X26BE60 IC: 6941C-BE60
Final HW version	Berlin 60, CK, V1.C, C4.5 Rev. D
Final SW version	Palpatine 6.3.3.8
Características	Audio amplification and wireless functionality
Fabricante	GN HEARING A/S
ivianuracturer	Lautrupbjerg 7, 2750 Ballerup, Denmark
Método de ensayo solicitado, norma	USA FCC Part 15.249 10-1-15 Edition: Operation within the bands 902 - 928 MHz, 2400 -2483.5 MHz, 5725 - 5875 MHz, and 24.0 – 24.25 GHz.
	USA FCC Part 15.209 10-1-15 Edition: Radiated emission limits; general requirements.
	CANADA RSS-210 Issue 8 (December 2010).
	CANADA RSS-Gen Issue 4 (November 2014).
	ANSI C63.10-2013: American National Standard for Testing Unlicensed Wireless Devices.
Resultado	IN COMPLIANCE
Aprobado por (nombre / cargo y firma)	A. Llamas
Approved by (name / position & signature)	RF Lab. Manager
Fecha de realización	2016-06-21
Formato de informe No	FDT08_18





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Competences and guarantees

AT4 wireless is a testing laboratory accredited by the National Accreditation Body (ENAC -Entidad Nacional de Acreditación), to perform the tests indicated in the Certificate No. 51/LE 147.

AT4 wireless is a laboratory with a measurement facility in compliance with the requirements of Section 2.948 of the FCC rules and has been added to the list of facilities whose measurements data will be accepted in conjuction with applications for Certification under Parts 15 or 18 of the Commission's Rules. Registration Number: 720267.

AT4 wireless is a laboratory with a measurement site in compliance with the requirements of RSS 212, Issue 1 (Provisional) and has been added to the list of filed sites of the Canadian Certification and Engineering Bureau. Reference File Number: IC 4621A-1.

In order to assure the traceability to other national and international laboratories, AT4 wireless has a calibration and maintenance program for its measurement equipment.

AT4 wireless guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated on the report and, it is based on the knowledge and technical facilities available at AT4 wireless at the time of performance of the test.

AT4 wireless is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of AT4 wireless.

General conditions

- 1. This report is only referred to the item that has undergone the test.
- 2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or competent Authorities.
- 3. This document is only valid if complete; no partial reproduction can be made without previous written permission of AT4 wireless.
- 4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of AT4 wireless and the Accreditation Bodies.

Uncertainty

Uncertainty (factor k=2) was calculated according to the AT4 wireless internal document PODT000.

Usage of samples

Samples undergoing test have been selected by: the client

Sample S/01 is composed of the following elements:

Control Nº	Description	Model	Serial Nº	Date of reception
49158/016	Wireless hearing instrument with integral antenna	BE60	16 00804507	2016-05-10





Auxiliary elements used with the sample S/01:

Control Nº	Description	Model	Serial N°	Date of reception
49158/27	Battery pill	312+		2016-05-10
49158/23	Speedlink device		31489	2016-05-10
49158/26	CS 63 cable			2016-05-10
49158/31	USB cable for Speedlink			2016-05-10

^{1.} Sample S/01 has undergone the following test(s).

All radiated tests indicated in appendix A and appendix B.

Sample S/02 is composed of the following elements:

Control Nº	Description	Model	Serial Nº	Date of reception
49158/021	Wireless hearing instrument with antenna connector	BE60	16 00804355	2016-05-10

Auxiliary elements used with the sample S/02:

Control Nº	Description	Model	Serial N°	Date of reception
49158/27	Battery pill	312+		2016-05-10
49158/23	Speedlink device		31489	2016-05-10
49158/26	CS 63 cable			2016-05-10
49158/31	USB cable for Speedlink			2016-05-10

^{1.} Sample S/02 has undergone following test(s).

All conducted tests indicated in appendix A and appendix B.

Test sample description

The test sample consists of a wireless hearing instrument.

Identification of the client

GN HEARING A/S

Lautrupbjerg 7, 2750 Ballerup, Denmark

Testing period

The performed test started on 2016-05-11 and finished on 2016-05-12.

The tests have been performed at AT4 wireless.





Environmental conditions

In the control chamber, the following limits were not exceeded during the test:

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 20 % Max. = 75 %
Shielding effectiveness	> 100 dB
Electric insulation	$> 10 \text{ k}\Omega$
Reference resistance to earth	<1Ω

In the semianechoic chamber, the following limits were not exceeded during the test.

Temperature	Min. = 15 °C
Temperature	Max. = 35 °C
Dolotino humidita	Min. = 20 %
Relative humidity	Max. = 75 %
A :	Min. = 860 mbar
Air pressure	Max. = 1060 mbar
Shielding effectiveness	> 100 dB
Electric insulation	$> 10 \text{ k}\Omega$
Reference resistance to earth	< 1 Ω
Normal site attenuation (NSA)	$<\pm4~\mathrm{dB}$ at 10 m distance between item under test and receiver antenna, (30 MHz to 1000 MHz)
Field homogeneity	More than 75% of illuminated surface is between 0 and 6 dB (26 MHz to 1000 MHz).

In the chamber for conducted measurements, the following limits were not exceeded during the test:

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 20 % Max. = 75 %
Air pressure	Min. = 860 mbar Max. = 1060 mbar
Shielding effectiveness	> 100 dB
Electric insulation	$> 10 \text{ k}\Omega$
Reference resistance to earth	< 1 Ω

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Remarks and comments

1: Used instrumentation:

Conducted Measurements

		Last Cal. date	Cal. due date
1.	Spectrum analyser Agilent PSA E4440A	2015/10	2017/10
2.	DC power supply R&S NGPE 40/40	2014/11	2017/11

Radiated Measurements

		Last Cal. date	Cal. due date
1.	Semianechoic Absorber Lined Chamber ETS FACT3 200STP	N.A.	N.A.
2.	BiconicalLog antenna ETS LINDGREN 3142E	2014/03	2017/03
3.	Multi Device Controller EMCO 2090	N.A.	N.A.
4.	Double-ridge Guide Horn antenna 1-18 GHz SCHWARZBECK BBHA 9120 D	2013/11	2016/11
5.	Broadband Horn antenna 18-40 GHz SCHWARZBECK BBHA 9170	2014/03	2017/03
6.	EMI Test Receiver R&S ESU 40	2016/03	2018/03
7.	Spectrum analyser Rohde & Schwarz FSW50	2015/12	2017/12
8.	RF pre-amplifier 10 MHz-6 GHz SCHWARZBECK BBV9743	2015/09	2016/09
9.	RF pre-amplifier 1-18 GHz Bonn Elektronik BLMA 0118-3A	2015/05	2016/05
10.	RF pre-amplifier 18-40 GHz BONN ELEKTRONIK BLMA 1840-1M	2015/12	2017/12
11.	DC power supply R&S NGPE 40/40	2014/11	2017/11

^{2:} The manufacturer declares that the BE60 platform will be marketed under the several brands (Resound / Beltone / Interton / GN Hearing) and the products will have identical electrical and electro-acoustical characteristics.

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GN

GN Hearing A/S

03.06.2016

To whom it may concern

GN Hearing A/S, located at Lautrupbjerg 7, 2750 Ballerup, Denmark, hereby state that the BE60 platform will be marketed under the brands:

- ReSound
- Beltone
- Interton
- GN Hearing

However, the products have identical electrical and electro-acoustical characteristics.

Yours sincerely,

Lars Hagander

Vice President, Corporate Quality

GN Hearing A/S

DK-2750 Ballerup Denmark

GN Hearing A/S

Lautrupbjerg 7

2016 JUN 0 3

GN Hearing A/S | Lautrupbjerg 7 | DK-2750 Ballerup | +45 45 75 00 00 Co. Reg. no. 55082715 | info@gn.com | www.gn.com





Testing verdicts

Not applicable:	N/A
Pass:	P
Fail:	F
Not measured:	N/M

1. Bluetooth Low Energy

FCC PART 15 PARAGRAPH / RSS-210			VER	DICT	
		NA	P	F	NM
FCC 15.249 Subclause (a) / RSS-210 A.2.9. (a)	Field strength of fundamental and harmonics emissions		P		
FCC 15.249 Subclause (d) / RSS-210 A.2.9. (b)	Emissions radiated outside of the specific frequency bands		P		

2. Proximity radio

FCC PART 15 PARAGRAPH / RSS-210			VERDICT		
		NA	P	F	NM
FCC 15.249 Subclause (a) / RSS-210 A.2.9. (a)	Field strength of fundamental and harmonics emissions		P		
FCC 15.249 Subclause (d) / RSS-210 A.2.9. (b)	Emissions radiated outside of the specific frequency bands		P		

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Appendix A – Test result "Bluetooth Low Energy"





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Section 15 249 Subclause (a) and (d) / RSS-210 A2 9 (b) Radiated emissions (Transmitter)	19





TEST CONDITIONS

Power supply (V):

 $V_{nominal} = 1.45 \text{ Vdc}$

Type of power supply = DC voltage from battery

Type of antenna = Integral antenna

Declared Gain for antenna (maximum) = -10 dBi

TEST FREQUENCIES:

Lowest channel: 2402 MHz Middle channel: 2440 MHz Highest channel: 2480 MHz

CONDUCTED MEASUREMENTS

The equipment under test was set up in a shielded room and it is directly connected to the spectrum analyzer.



RADIATED MEASUREMENTS

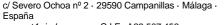
All radiated tests were performed in a semi-anechoic chamber. The measurement antenna is situated at a distance of 3 m for the frequency range 30 MHz-1000 MHz (30 MHz-1000 MHz Bilog antenna) and at a distance of 1m for the frequency range 1 GHz-25 GHz (1 GHz-18 GHz Double ridge horn antenna and 18 GHz-40 GHz horn antenna).

For radiated emissions in the range 1 GHz-25 GHz that is performed at a distance closer than the specified distance, an inverse proportionality factor of 20 dB per decade is used to normalize the measured data for determining compliance.

The equipment under test was set up on a non-conductive (wooden) platform 1.5 m above the ground plane and the situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

Measurements were made in both horizontal and vertical planes of polarization.

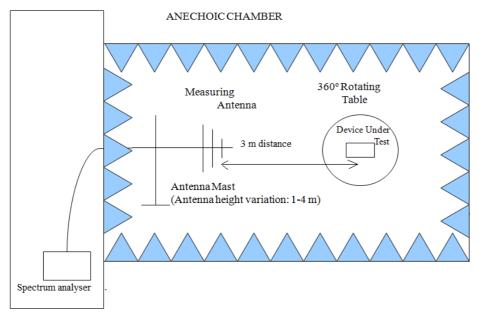
2016-06-21





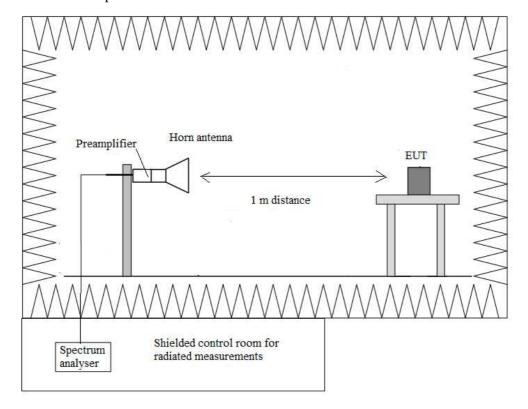


Radiated measurements setup f < 1 GHz



Shielded Control Room For Radiated Measurements

Radiated measurements setup f > 1 GHz



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Occupied Bandwidth

RESULTS

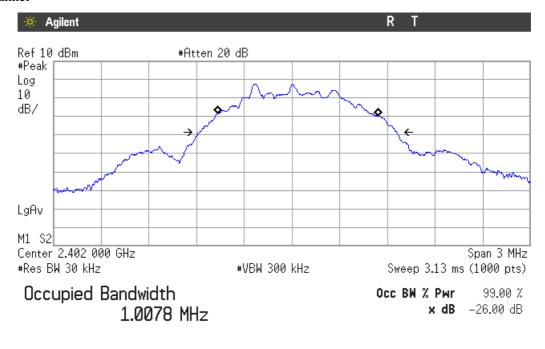
(see next plots).

	Lowest frequency	Middle frequency	Highest frequency
	2402 MHz	2440 MHz	2480 MHz
99% bandwidth (MHz)	1.008	1.014	1.001
-26 dBc bandwidth (MHz)	1.236	1.233	1.229
Measurement uncertainty (kHz)		<±5.00	



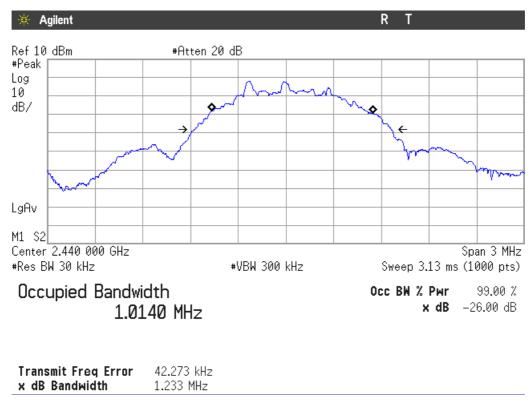


Lowest Channel



Transmit Freq Error 38.564 kHz x dB Bandwidth 1.236 MHz

Middle Channel



Transmit Freq Error

x dB Bandwidth

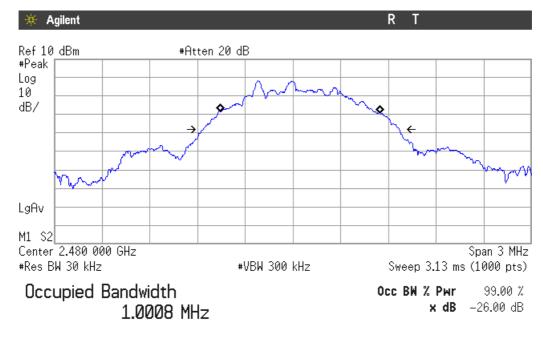
46.508 kHz

1.229 MHz





Highest channel



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Section 15.249 Subclause (a) / RSS-210 A2.9. (a). Field strength of Fundamental

SPECIFICATION

The field strength of emissions from intentional radiators shall comply with the following

Fundamental frequency (MHz)	Field strength of fundamental (mV/m)	Field strength (dBµV/m)	Measurement distance (m)
902 - 928	50	93.98	3
2400 – 2483.5	50	93.98	3
5725 - 5875	50	93.98	3
24000-24250	250	107.96	3

for frequencies above 1000 MHz, the above field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

RESULTS (see next plot)

	Lowest frequency	Middle frequency	Highest frequency
	2402 MHz	2440 MHz	2480 MHz
Field strength (dBµV/m) average	84.46	87.26	87.27
Field strength (dBµV/m) peak	84.76	87.50	87.52
Measurement uncertainty (dB)		<±4.87	

Verdict: PASS

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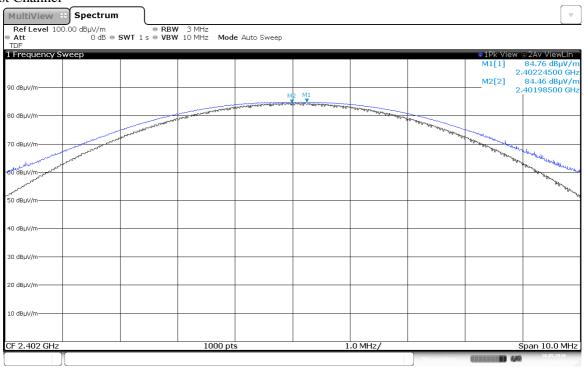
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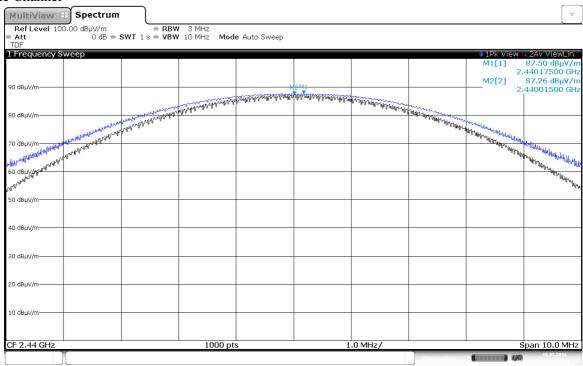
FIELD STRENGTH

Lowest Channel



Date: 10.MAY.2016 23:44:54

Middle Channel

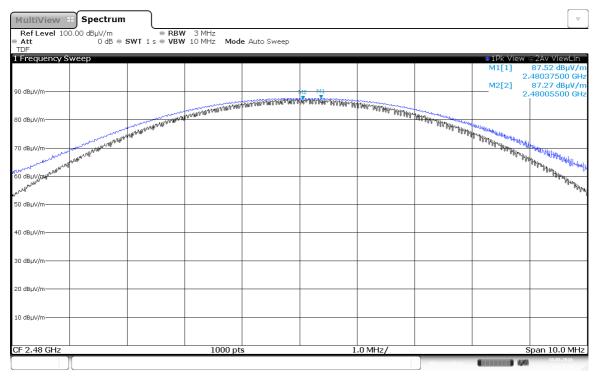


Date: 10.MAY.2016 23:47:32





Highest Channel



Date: 10.MAY.2016 23:50:40





Section 15.249 Subclause (a) and (d) / RSS-210 A2.9. (b). Radiated emissions (Transmitter)

SPECIFICATION

The field strength of harmonics from intentional radiators shall comply with the following

Fundamental frequency (MHz)	Field strength of harmonics (µV/m)	Field strength of harmonics (dBµV/m)	Measurement distance (m)
902 - 928	500	54	3
2400 – 2483.5	500	54	3
5725 - 5875	500	54	3
24000-24250	2500	67.96	3

Emissions radiated outside of the specific frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of fundamental or to the general radiated emission limits specified in section 15.209:

Frequency Range (MHz)	Field strength (µV/m)	Field strength (dBµV/m)	Measurement distance (m)
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	300
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 25000	500	54	3

Whichever is the lesser attenuation.

RESULTS:

The situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

Measurements were made in both horizontal and vertical planes of polarization.

All tests were performed in a semi-anechoic chamber at a distance of 3 m for the frequency range 30 MHz-1000 MHz and at distance of 1m for the frequency range 1 GHz-25 GHz.

The field strength is calculated by adding correction factor to the measured level from the spectrum analyser. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.

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Frequency range 30 MHz-1000 MHz.

The result does not depend on the operating channel.

All peaks are more than 20 dB below the limit.

Frequency range 1 GHz-25 GHz.

The results in the next tables show the maximum measured levels in the 1-25 GHz range including the restricted bands 2.31-2.39 GHz and 2.4835-2.5 GHz (see next plots).

Lowest Channel

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
2.27720	***	Peak	49.84	<±4.87
2.37720	V	Average	37.84	< <u>+</u> 4.87
	••	Peak	42.63	< <u>+</u> 4.87
7.20625	V	Average	36.01	<±4.87

Middle Channel

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
2 40070		Peak	53.77	<±4.87
2.49979	Н	Average	39.97	<±4.87
2.56983	V	Peak	53.80	<±4.87
	·	Average	39.90	<±4.87
4.88025	V	Peak	41.03	<±4.87
	·	Average	37.01	<±4.87





Highest Channel

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
2 100 51	••	Peak	56.24	<±4.87
2.49961	V	Average	43.71	<±4.87
2.7.00.7	••	Peak	54.49	<±4.87
2.56997	V	Average	39.81	<±4.87
		Peak	41.82	<±4.87
4.96075	V	Average	35.55	<±4.87

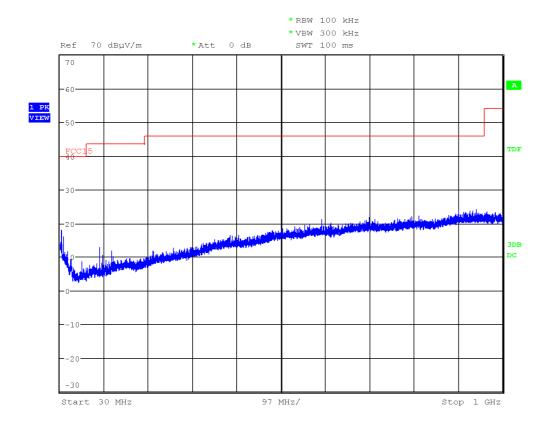
All other peaks are more than 20 dB below the limit.

Verdict: PASS





FREQUENCY RANGE 30 MHz-1000 MHz.



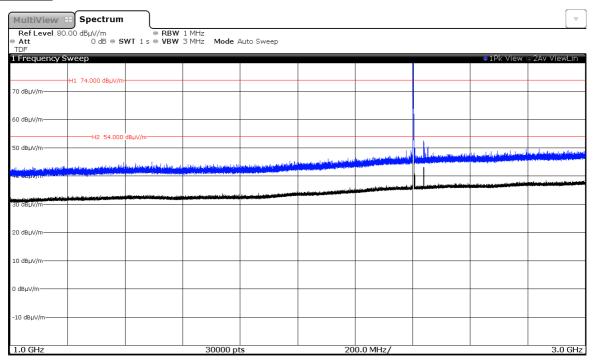
(This plot is valid for all three channels).





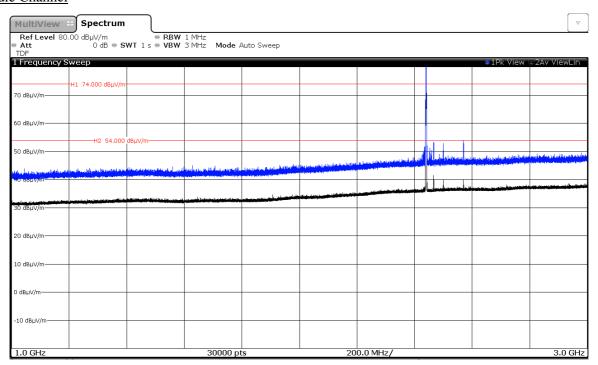
FREQUENCY RANGE 1 GHz - 3 GHz.

Lowest Channel



Note: The peak shown in the plot is the carrier frequency.

Middle Channel

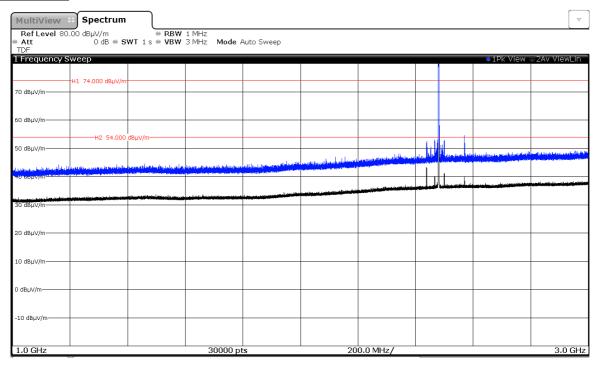


Note: The peak shown in the plot is the carrier frequency.





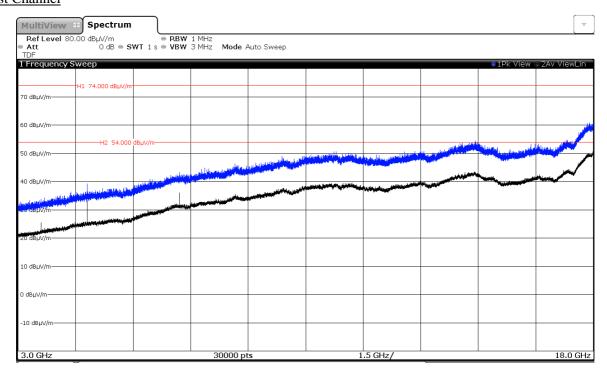
Highest channel



Note: The peak shown in the plot is the carrier frequency.

FREQUENCY RANGE 3 GHz to 18 GHz.

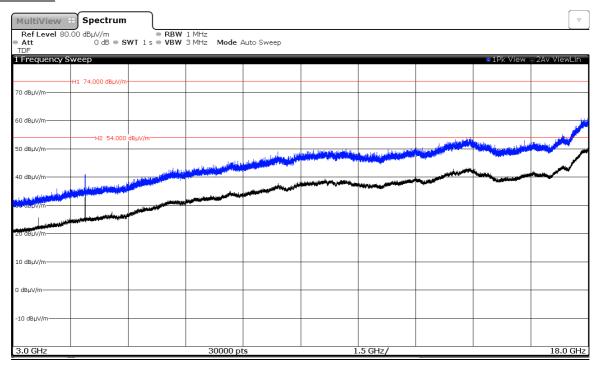
Lowest Channel



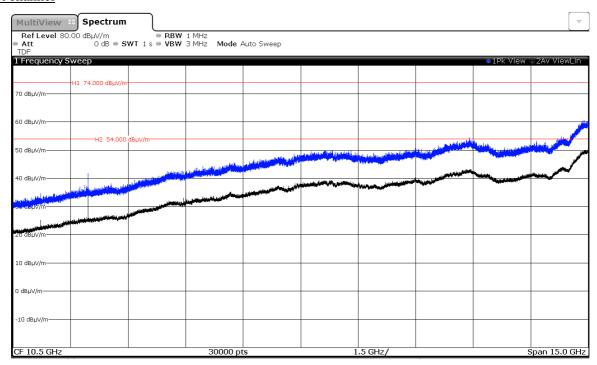




Middle Channel



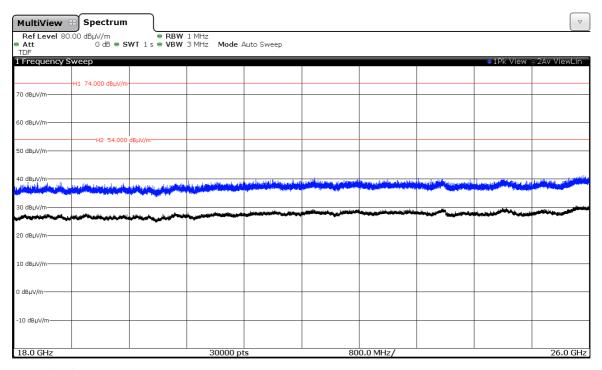
Highest channel







FREQUENCY RANGE 18 GHz to 26 GHz.



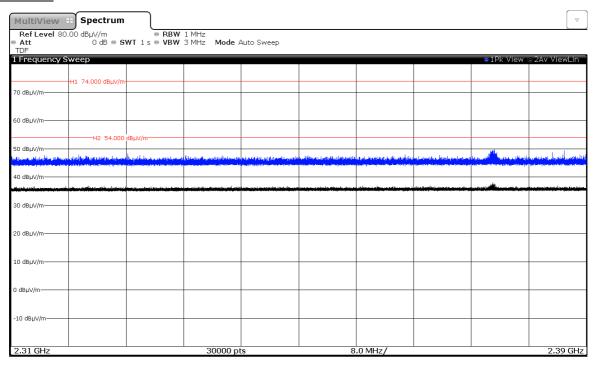
(This plot is valid for all three channels).



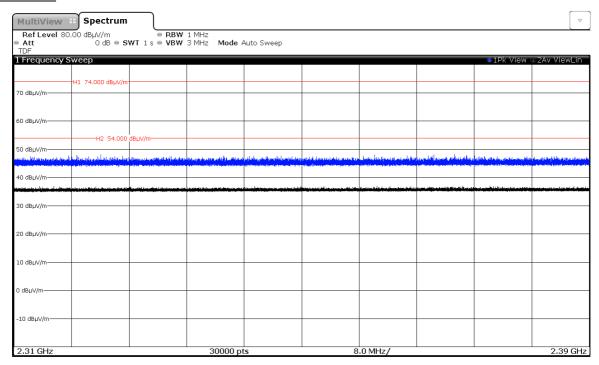


FREQUENCY RANGE 2.31 GHz to 2.39 GHz. (RESTRICTED BAND)

Lowest Channel



Middle Channel

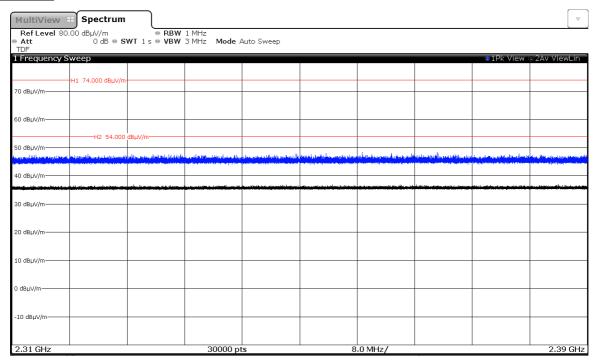


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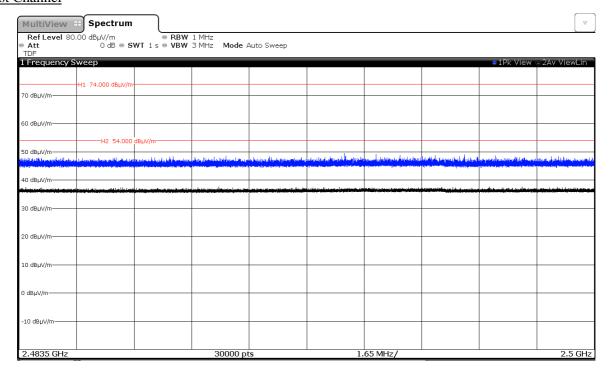


Highest channel



FREQUENCY RANGE 2.4835 GHz to 2.5 GHz. (RESTRICTED BAND)

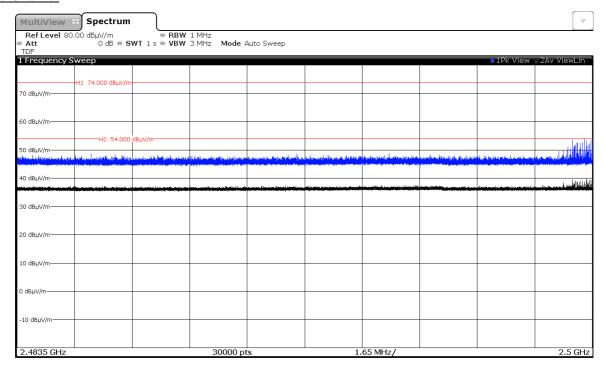
Lowest Channel



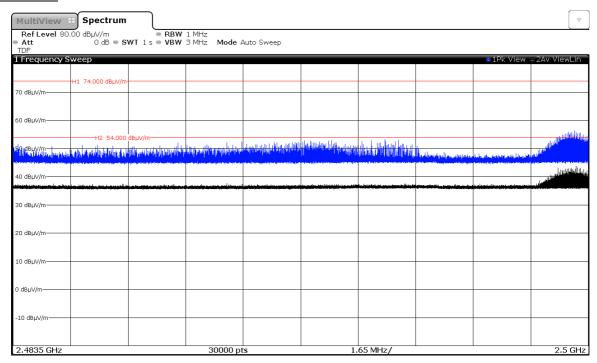




Middle Channel



Highest Channel



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Appendix B – Test result "Proximity radio"





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Section 15.249 Subclause (a) and (d) / RSS-210 A2.9. (b) Emissions limitations radiated (Transmitter)	40





TEST CONDITIONS

Power supply (V):

 $V_{nominal} = 1.45 \text{ Vdc}$

Type of power supply = DC voltage from battery

Type of antenna = Integral antenna

Declared Gain for antenna (maximum) = -10 dBi

TEST FREQUENCIES:

Lowest channel: 2402 MHz

Middle channel: 2440 MHz

Highest channel: 2480 MHz

CONDUCTED MEASUREMENTS

The equipment under test was set up in a shielded room and it is directly connected to the spectrum analyzer.



RADIATED MEASUREMENTS

All radiated tests were performed in a semi-anechoic chamber. The measurement antenna is situated at a distance of 3 m for the frequency range 30 MHz-1000 MHz (30 MHz-1000 MHz Bilog antenna) and at a distance of 1m for the frequency range 1 GHz-25 GHz (1 GHz-18 GHz Double ridge horn antenna and 18 GHz-40 GHz horn antenna).

For radiated emissions in the range 1 GHz-25 GHz that is performed at a distance closer than the specified distance, an inverse proportionality factor of 20 dB per decade is used to normalize the measured data for determining compliance.

The equipment under test was set up on a non-conductive (wooden) platform one meter above the ground plane and the situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

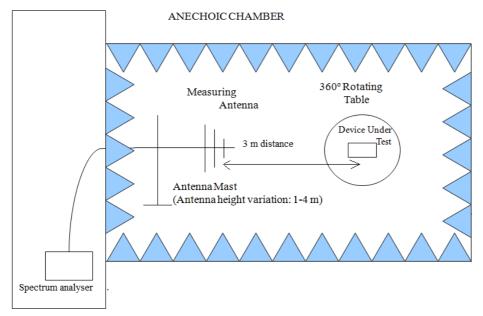
Measurements were made in both horizontal and vertical planes of polarization.

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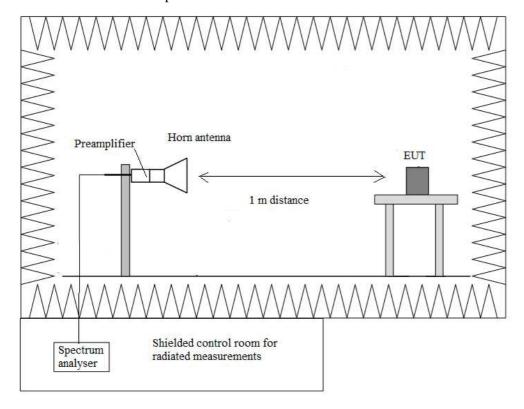


Radiated measurements setup f < 1 GHz



Shielded Control Room For Radiated Measurements

Radiated measurements setup f > 1 GHz



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Occupied Bandwidth

RESULTS

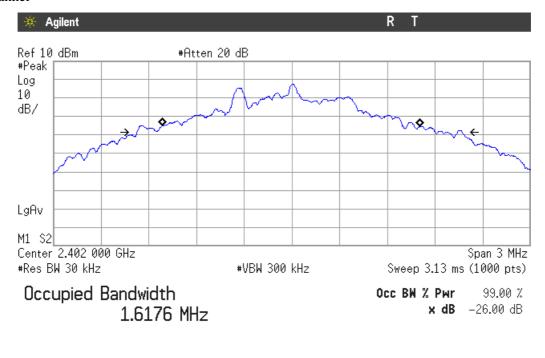
(see next plots).

	Lowest frequency	Middle frequency	Highest frequency
	2402 MHz	2440 MHz	2480 MHz
99% bandwidth (MHz)	1.618	1.604	1.596
-26 dBc bandwidth (MHz)	2.047	2.042	2.044
Measurement uncertainty (kHz)	<±5.00		





Lowest Channel



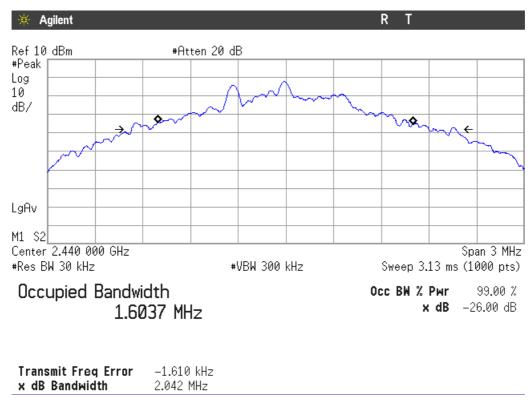
Middle Channel

Transmit Freq Error

x dB Bandwidth

-2.192 kHz

2.047 MHz



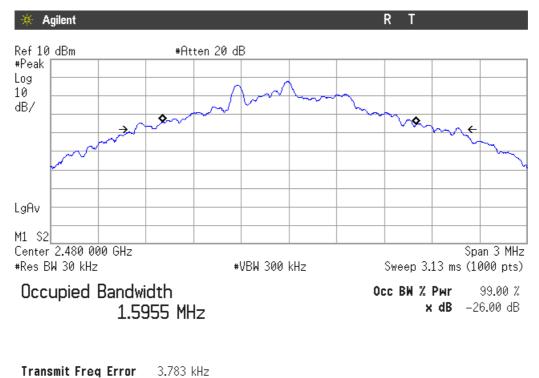
x dB Bandwidth

2.044 MHz





Highest channel







Section 15.249 Subclause (a) / RSS-210 A2.9. (a) Field strength of Fundamental

SPECIFICATION

The field strength of emissions from intentional radiators shall comply with the following

Fundamental frequency (MHz)	Field strength of fundamental (mV/m)	Field strength (dBµV/m)	Measurement distance (m)
902 - 928	50	93.98	3
2400 – 2483.5	50	93.98	3
5725 - 5875	50	93.98	3
24000-24250	250	107.96	3

For frequencies above 1000 MHz, the above field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

RESULTS

	Lowest frequency	Middle frequency	Highest frequency
	2402 MHz	2440 MHz	2480 MHz
Field strength (dBµV/m) average	69.43	72.13	70.96
Field strength (dBµV/m) peak	83.18	85.84	84.67
Measurement uncertainty (dB)		<±4.87	

Verdict: PASS

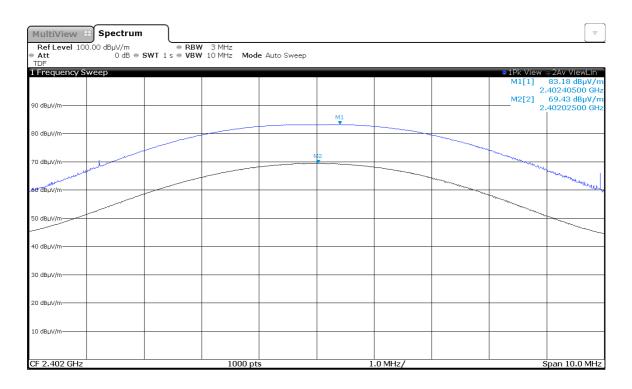
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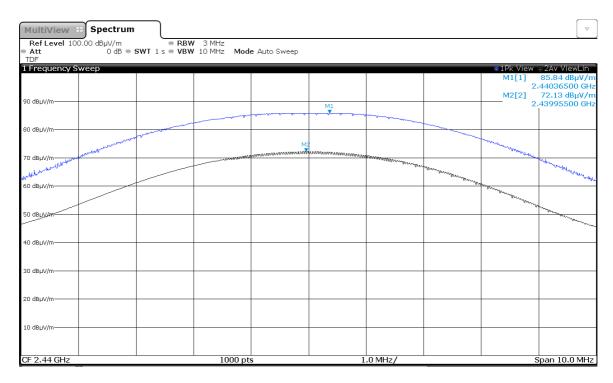


FIELD STRENGTH

Lowest Channel



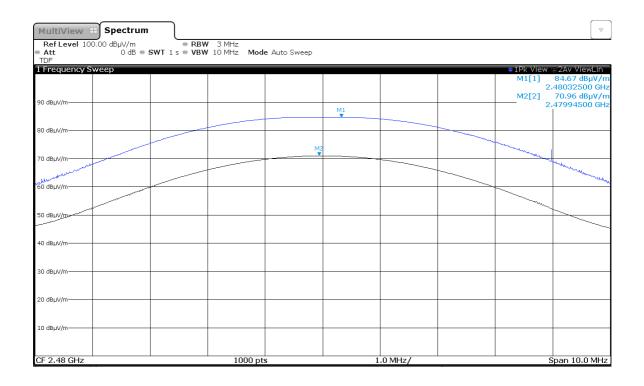
Middle Channel







Highest Channel







Section 15.249 Subclause (a) and (d) / RSS-210 A2.9. (b) Emissions limitations radiated (Transmitter)

SPECIFICATION

The field strength of harmonics from intentional radiators shall comply with the following

Fundamental frequency (MHz)	Field strength of harmonics (µV/m)	Field strength of harmonics (dBµV/m)	Measurement distance (m)
902 - 928	500	54	3
2400 – 2483.5	500	54	3
5725 - 5875	500	54	3
24000-24250	2500	67.96	3

Emissions radiated outside of the specific frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of fundamental or to the general radiated emission limits specified in section 15.209:

Frequency Range (MHz)	Field strength (µV/m)	Field strength $(\mu V/m)$ Field strength $(dB\mu V/m)$	
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	30
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
960 - 25000	500	54	3

Whichever is the lesser attenuation.

RESULTS:

The situation and orientation was varied to find the maximum radiated emission. It was also rotated 360° and the antenna height was varied from 1 to 4 meters to find the maximum radiated emission.

Measurements were made in both horizontal and vertical planes of polarization.

All tests were performed in a semi-anechoic chamber at a distance of 3 m for the frequency range 30 MHz-1000 MHz and at distance of 1m for the frequency range 1 GHz-25 GHz.

The field strength is calculated by adding correction factor to the measured level from the spectrum analyzer. This correction factor includes antenna factor, cable loss and pre-amplifiers gain.

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Frequency range 30 MHz-1000 MHz.

The result does not depend on the operating channel.

All peaks are more than 20 dB below the limit.

Frequency range 1 GHz-25 GHz

The results in the next tables show the maximum measured levels in the 1-25 GHz range including the restricted bands 2.31-2.39 GHz and 2.4835-2.5 GHz (see next plots).

1. CHANNEL: LOWEST (2402 MHz).

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
2.37734	Н	Peak	49.99	<±4.87
		Average	37.17	<±4.87
2.48484	Н	Peak	49.12	<±4.87
		Average	36.72	<±4.87
7.20575	V	Peak	44.34	<±4.87
		Average	36.00	<±4.87

2. CHANNEL: MIDDLE (2440 MHz).

Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
2.49988	V	Peak	54.80	<±4.87
		Average	37.42	<±4.87
2.57023	V	Peak	55.04	<±4.87
		Average	40.41	<±4.87





3. CHANNEL: HIGHEST (2480 MHz).

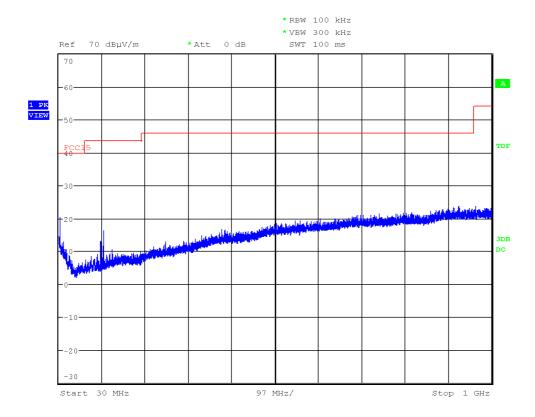
Spurious frequency (GHz)	Polarization	Detector	Emission Level (dBµV/m)	Measurement Uncertainty (dB)
2 40200	••	Peak	54.47	<±4.87
2.48399	V	Average	35.48	<±4.87
		Peak	54.67	<±4.87
2.485341	V	Average	35.64	<±4.87
		Peak	57.73	<±4.87
2.480633	V	Average	35.44	<±4.87
		Peak	56.02	<±4.87
2.486824	V	Average	35.25	<±4.87
		Peak	55.44	<±4.87
2.49996	V	Average	38.02	<±4.87
2.402.50		Peak	53.27	<±4.87
2.49360	Н	Average	36.36	<±4.87
		Peak	55.04	<±4.87
2.50000	Н	Average	42.19	<±4.87
2.75045	-	Peak	54.80	<±4.87
2.57017	V	Average	39.68	<±4.87
	V	Peak	41.98	<±4.87
7.44025		Average	35.32	<±4.87

Verdict: PASS





FREQUENCY RANGE 30 MHz-1000 MHz.



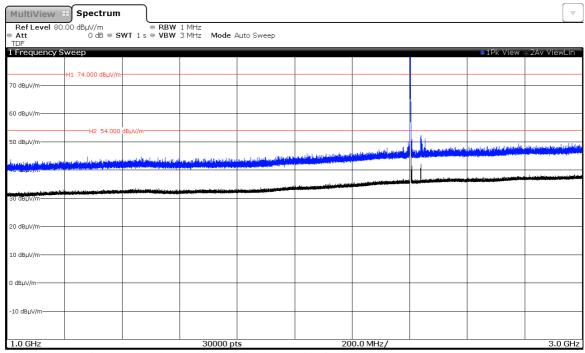
(This plot is valid for all three channels).





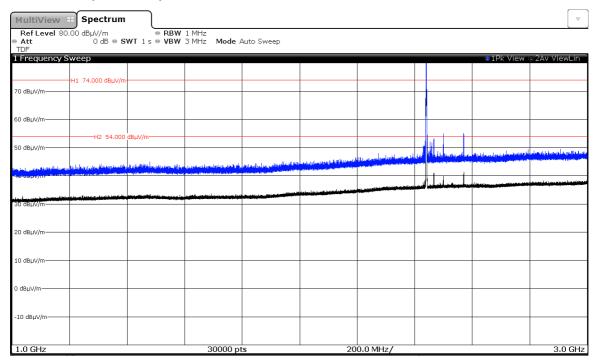
FREQUENCY RANGE 1 GHz to 3 GHz.

CHANNEL: Lowest (2402 MHz).



Note: The peak shown in the plot above the limit is the carrier frequency.

CHANNEL: Middle (2440 MHz).



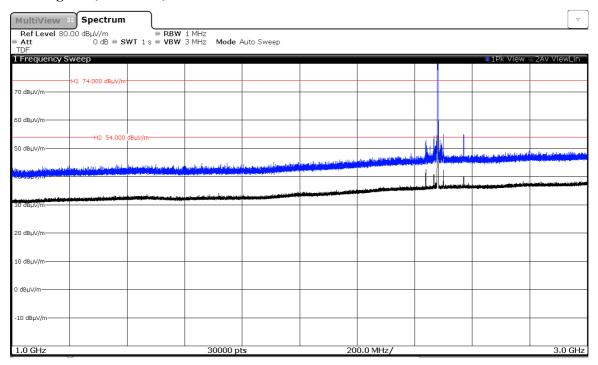
Note: The peak shown in the plot above the limit is the carrier frequency.

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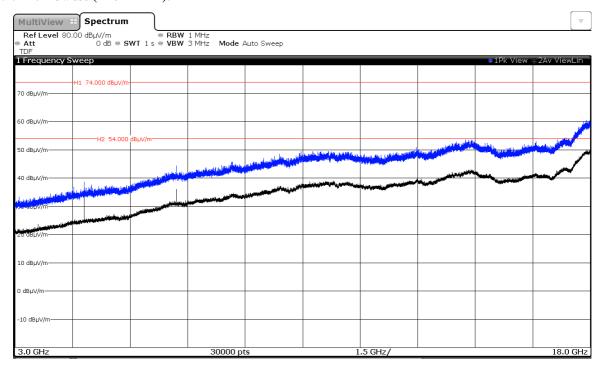
CHANNEL: Highest (2480 MHz).



Note: The peak shown in the plot above the limit is the carrier frequency.

FREQUENCY RANGE 3 GHz to 18 GHz.

CHANNEL: Lowest (2402 MHz).



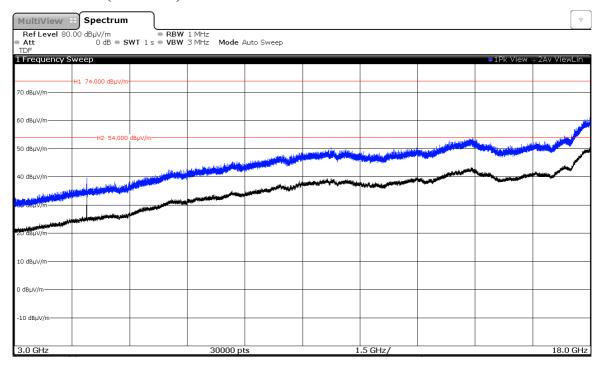
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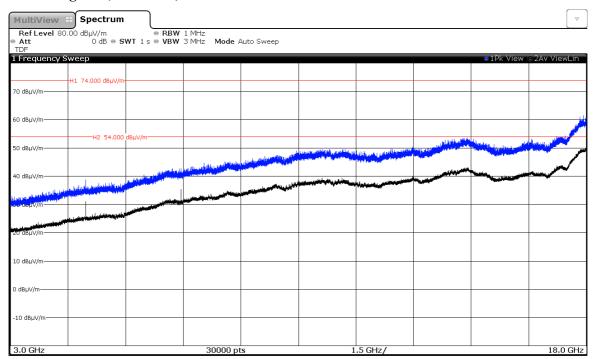




CHANNEL: Middle (2440 MHz).



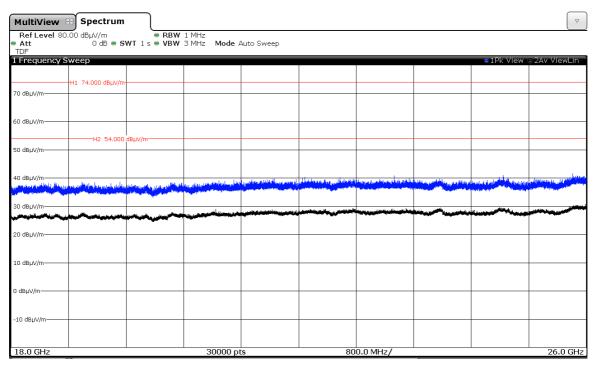
CHANNEL: Highest (2480 MHz).







FREQUENCY RANGE 18 GHz to 26 GHz.



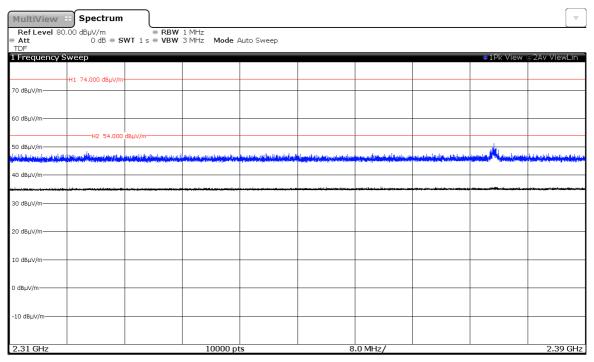
(This plot is valid for all three channels).



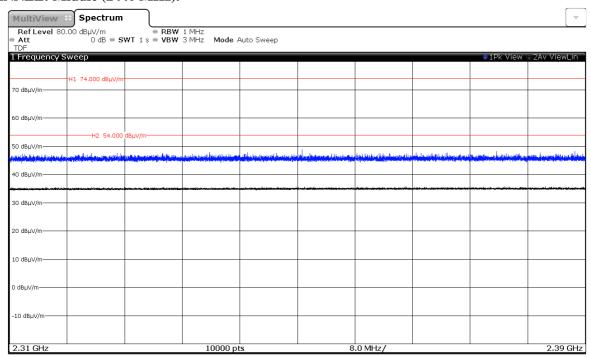


FREQUENCY RANGE 2.31 GHz to 2.39 GHz. (RESTRICTED BAND)

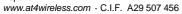
CHANNEL: Lowest (2402 MHz).



CHANNEL: Middle (2440 MHz).



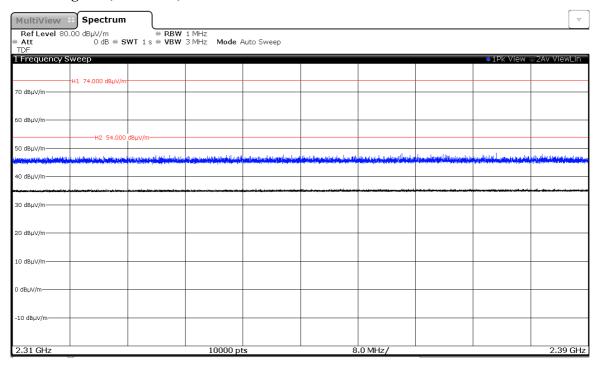
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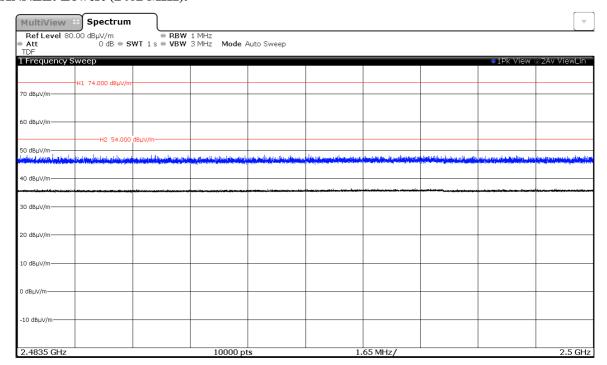


CHANNEL: Highest (2480 MHz).



FREQUENCY RANGE 2.4835 GHz to 2.5 GHz. (RESTRICTED BAND)

CHANNEL: Lowest (2402 MHz).

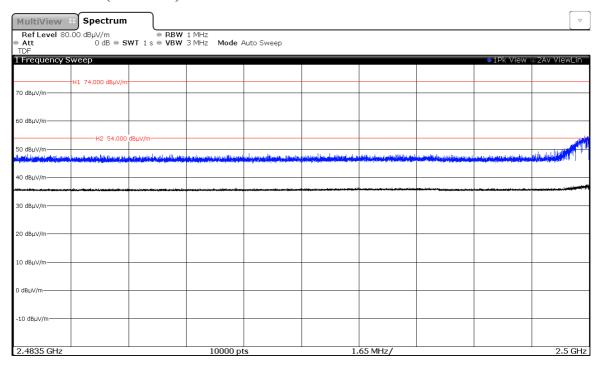


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CHANNEL: Middle (2440 MHz).



CHANNEL: Highest (2480 MHz).

